

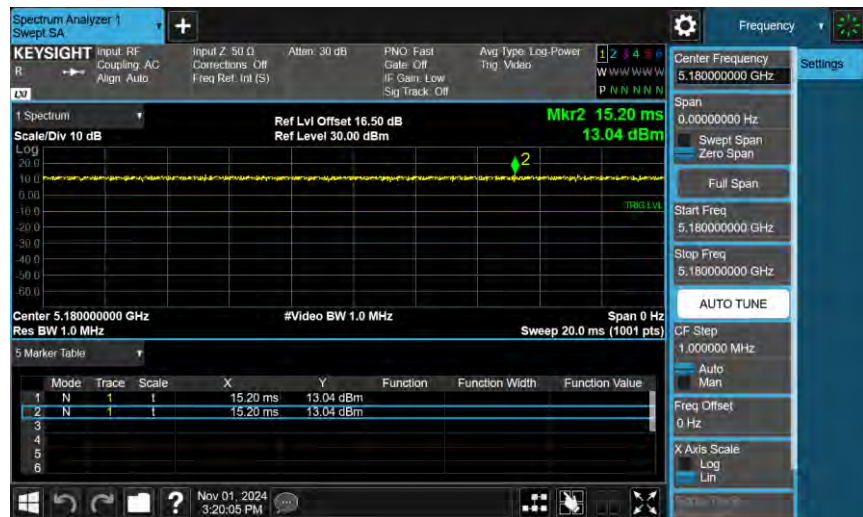
Appendix B. Test Plots

1X1

Duty Cycle

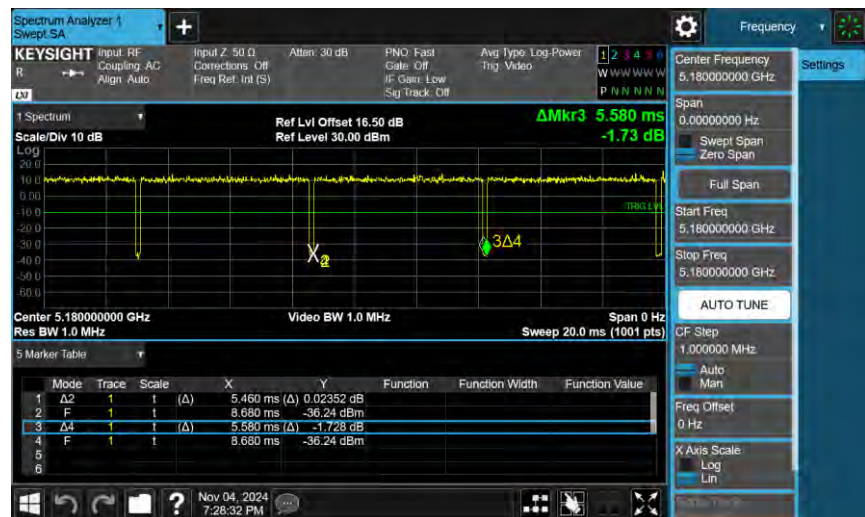
802.11a

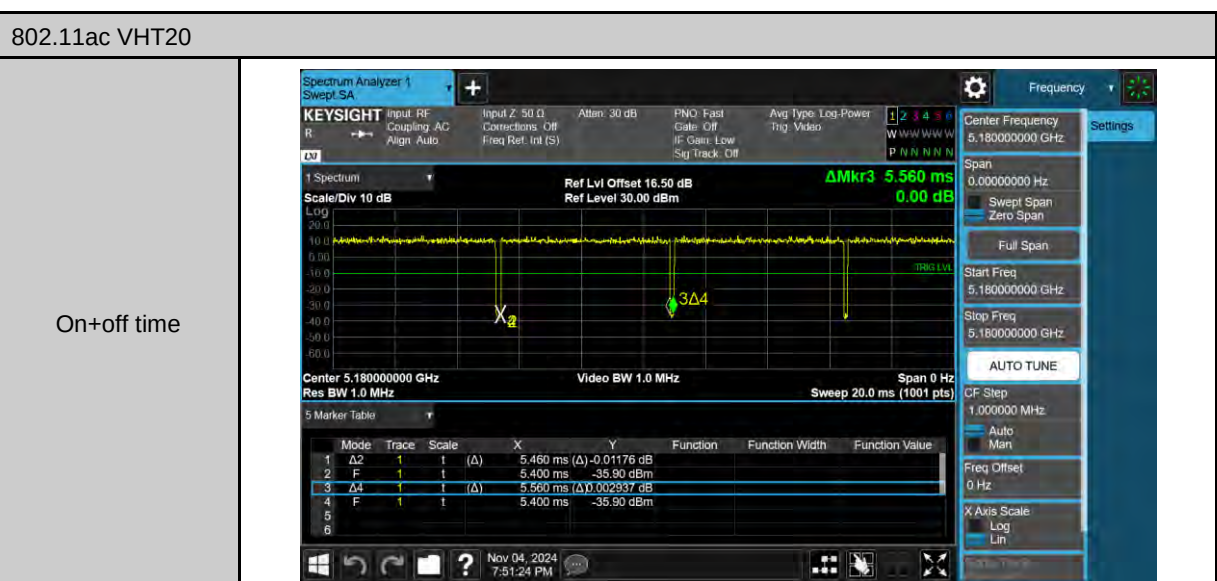
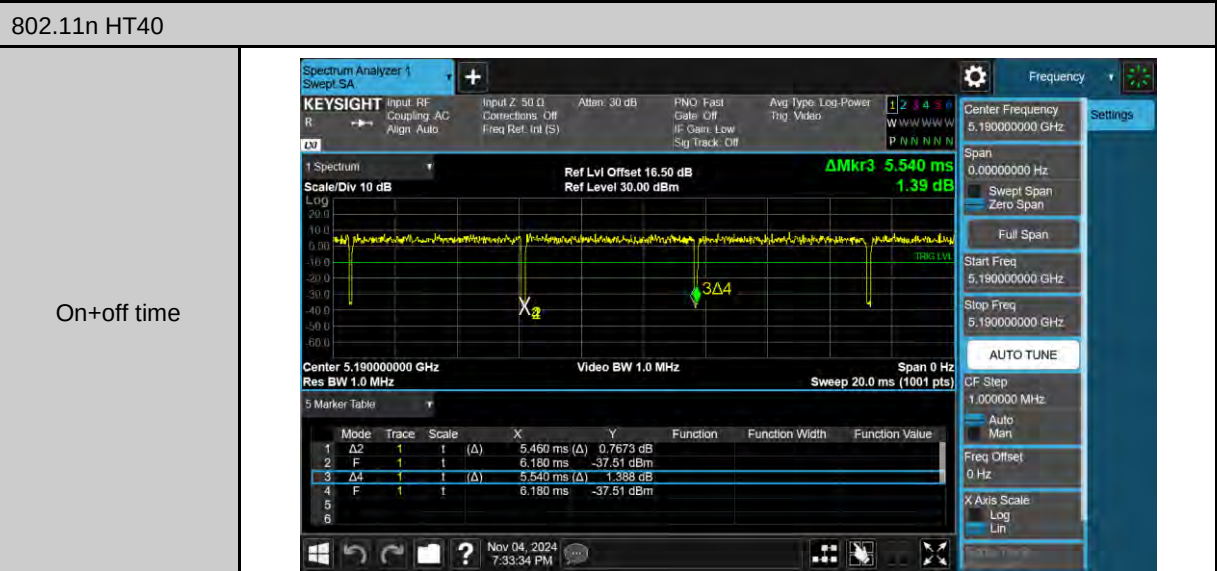
On+off time

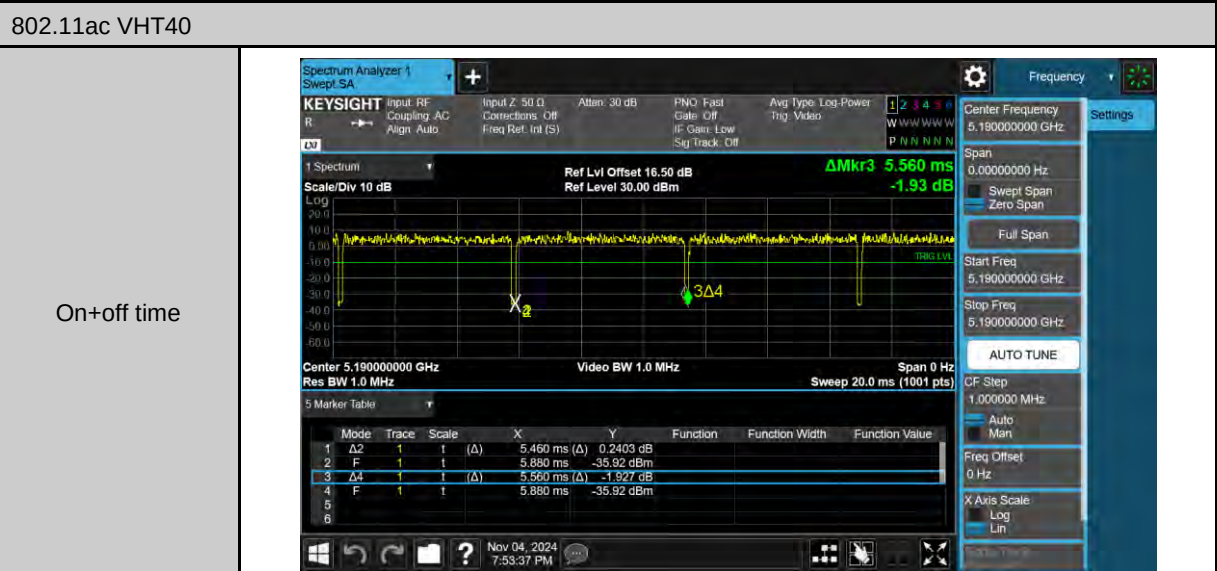


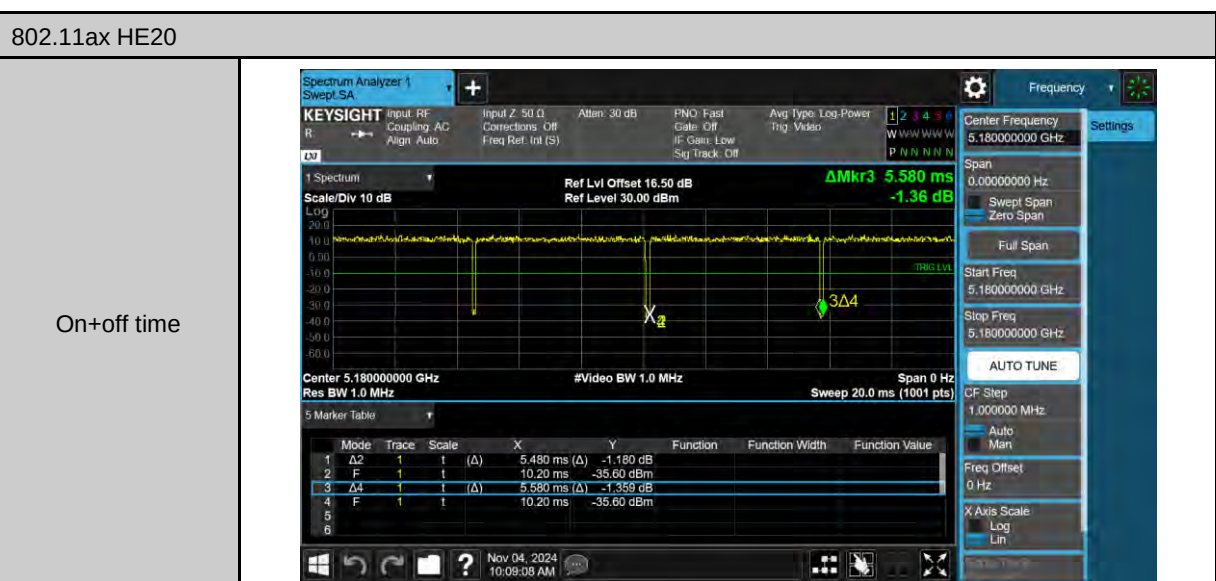
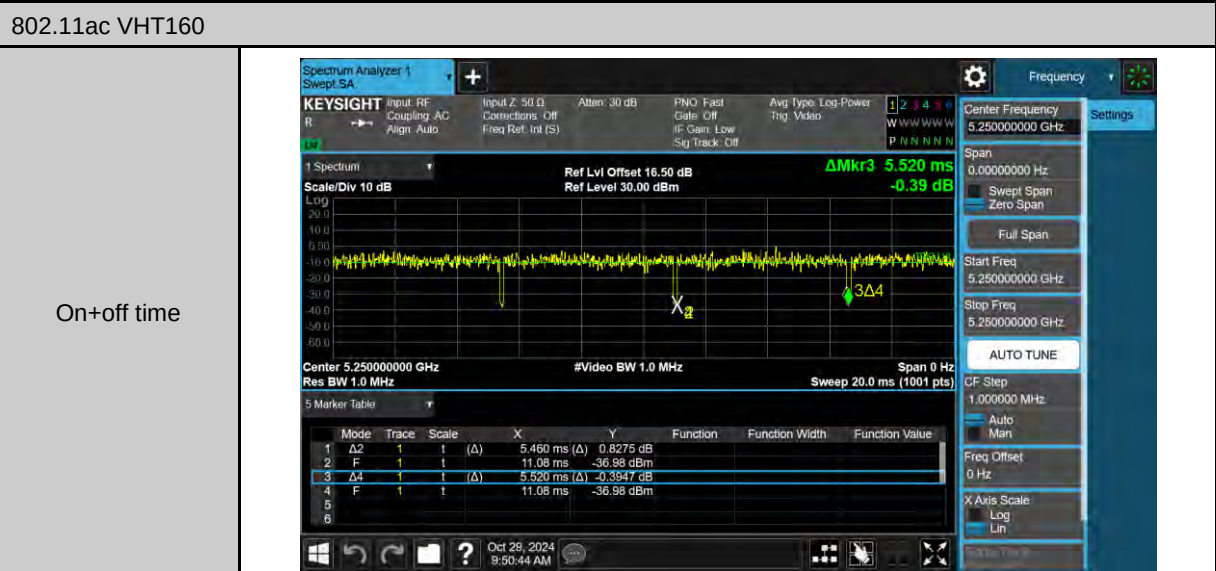
802.11n HT20

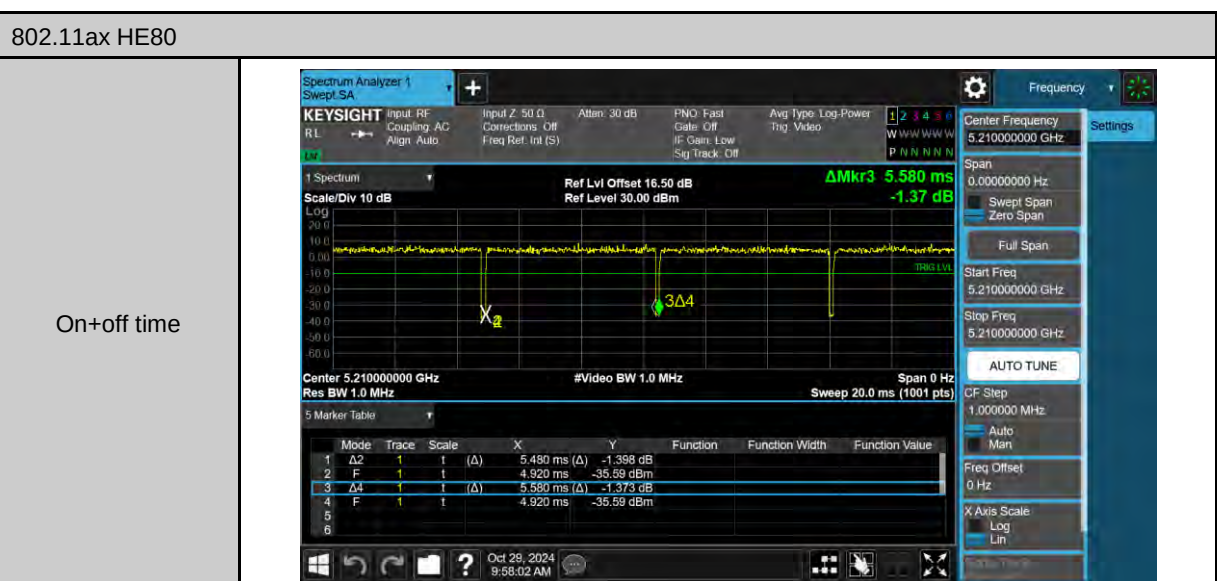
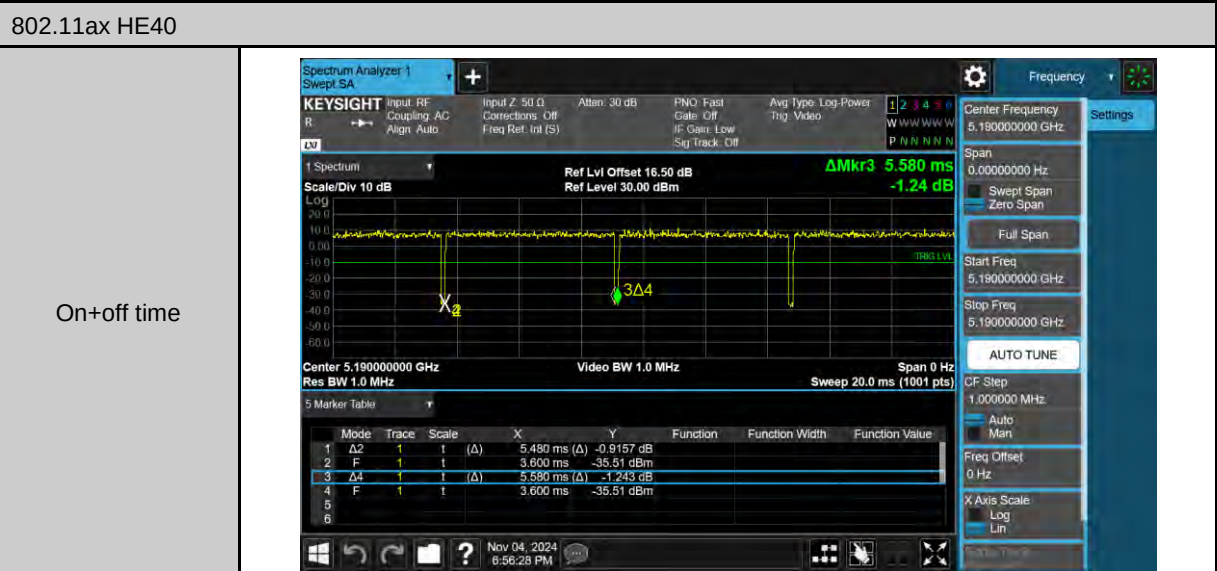
On+off time





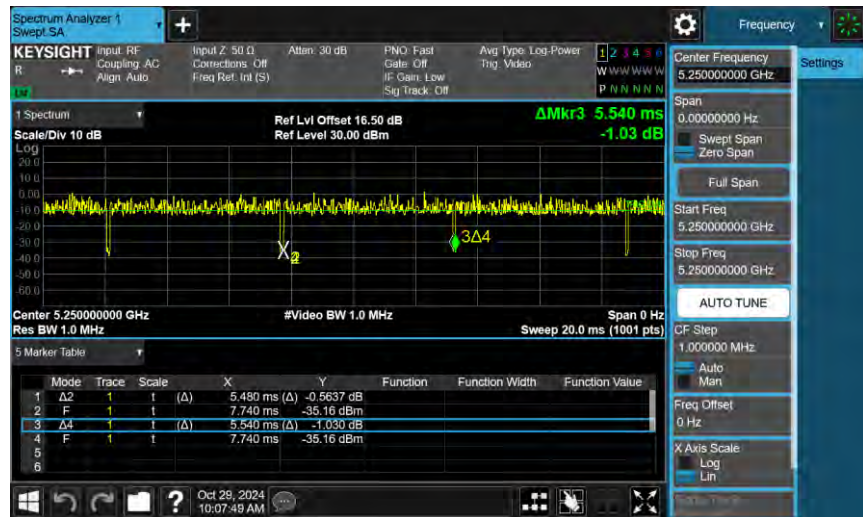






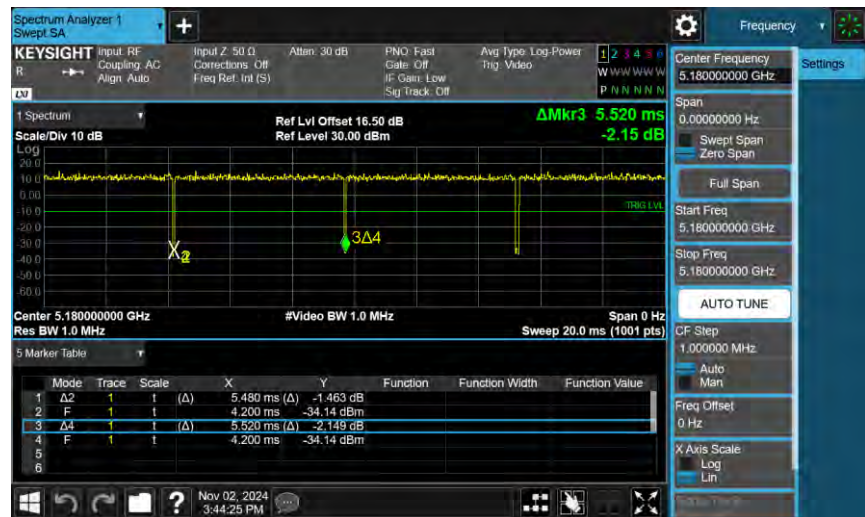
802.11ax HE160

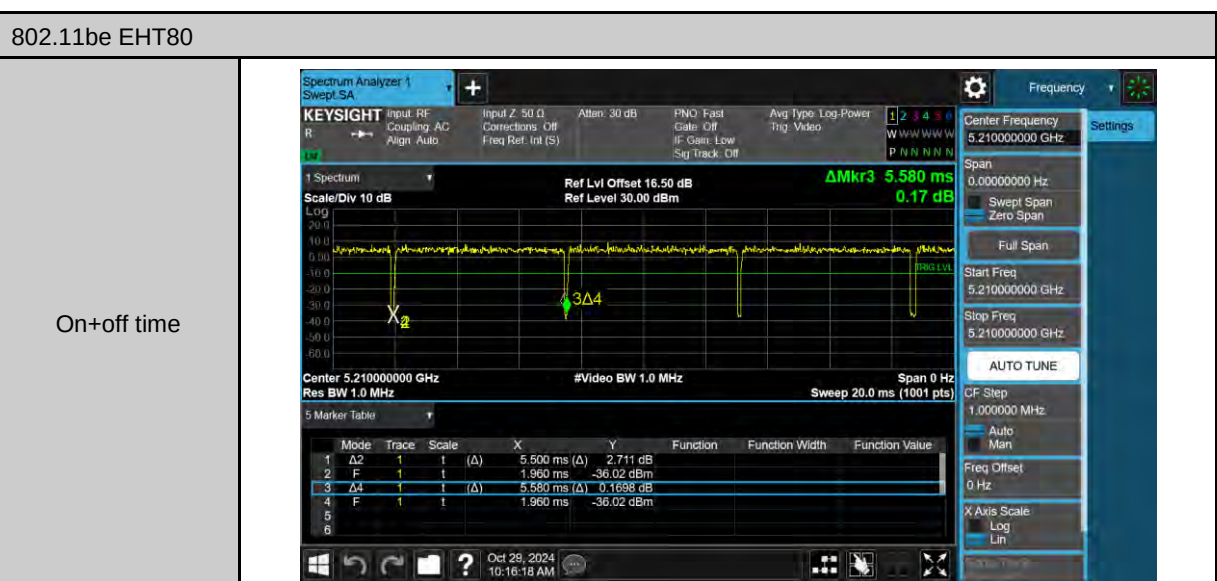
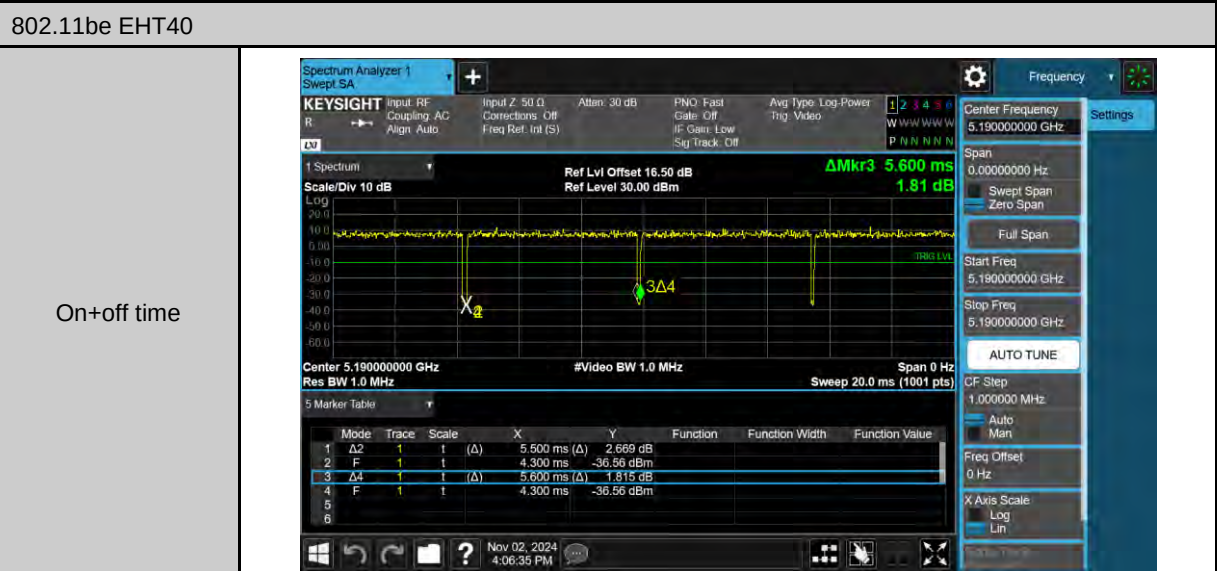
On+off time

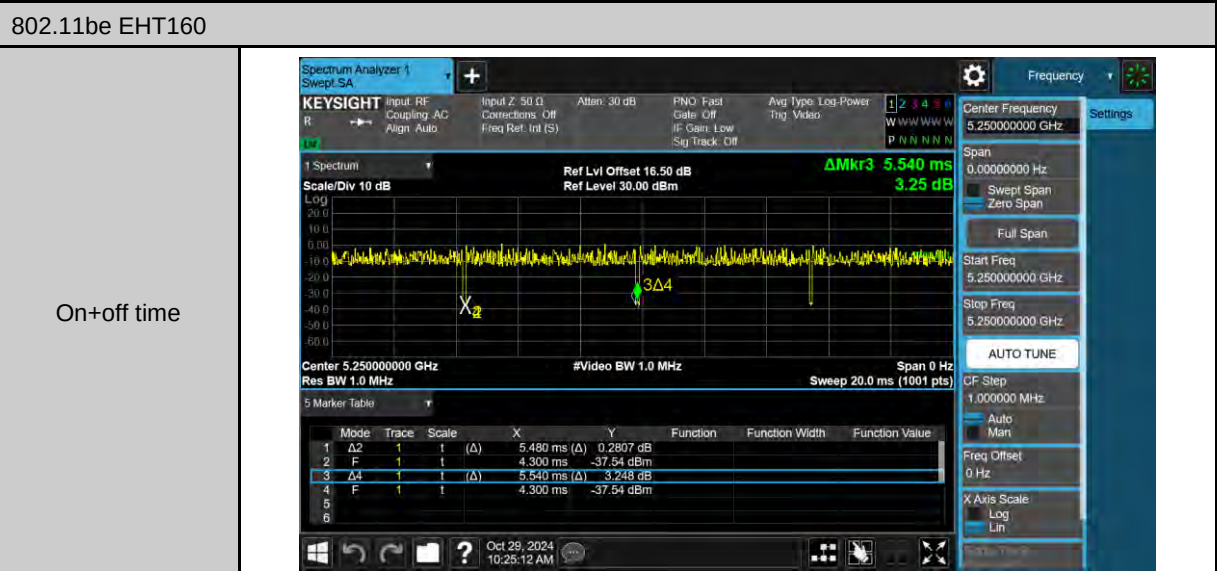


802.11be EHT20

On+off time







Maximum Power Spectral Density

802.11a_ANT-0

5180 MHz

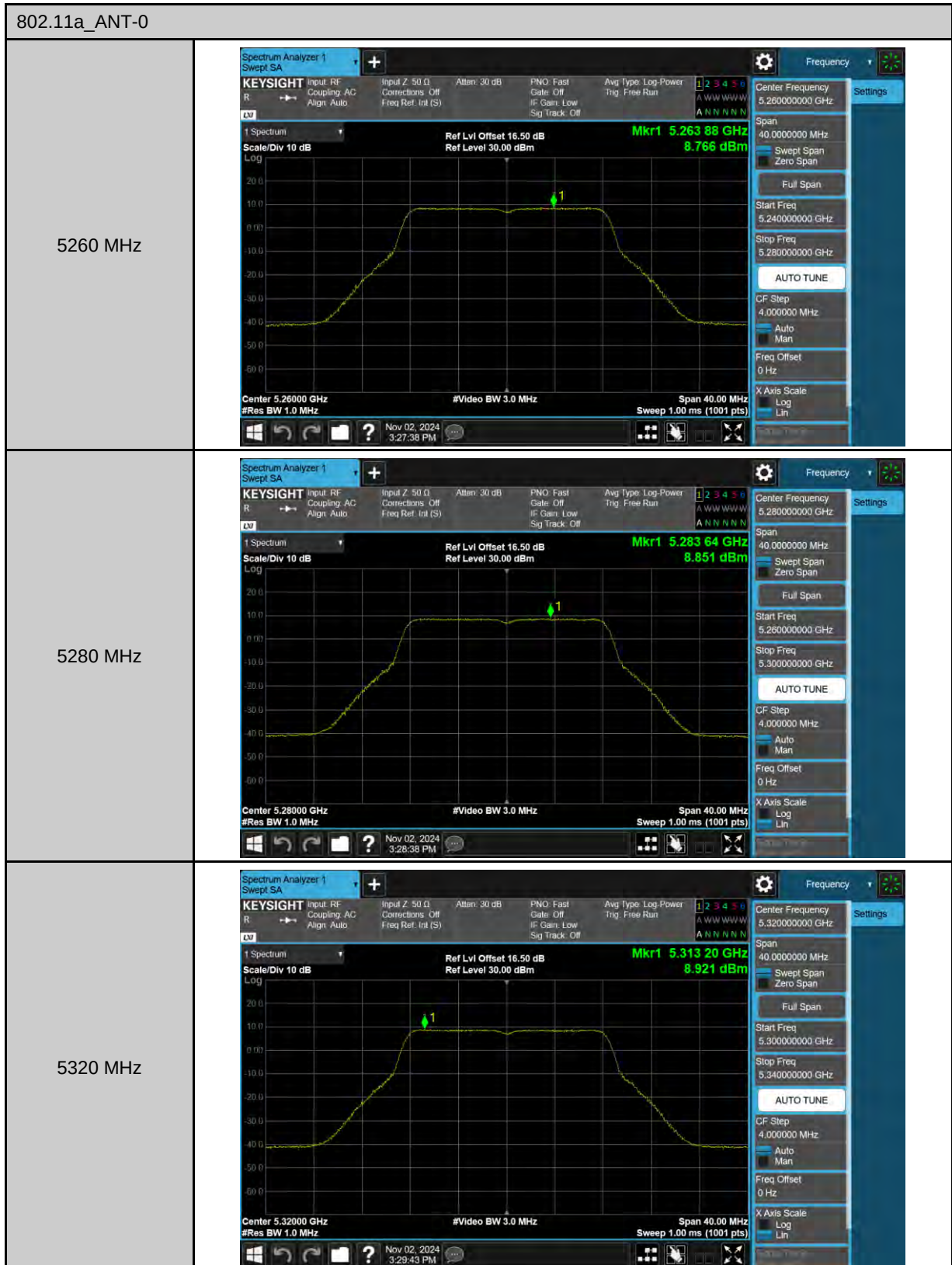


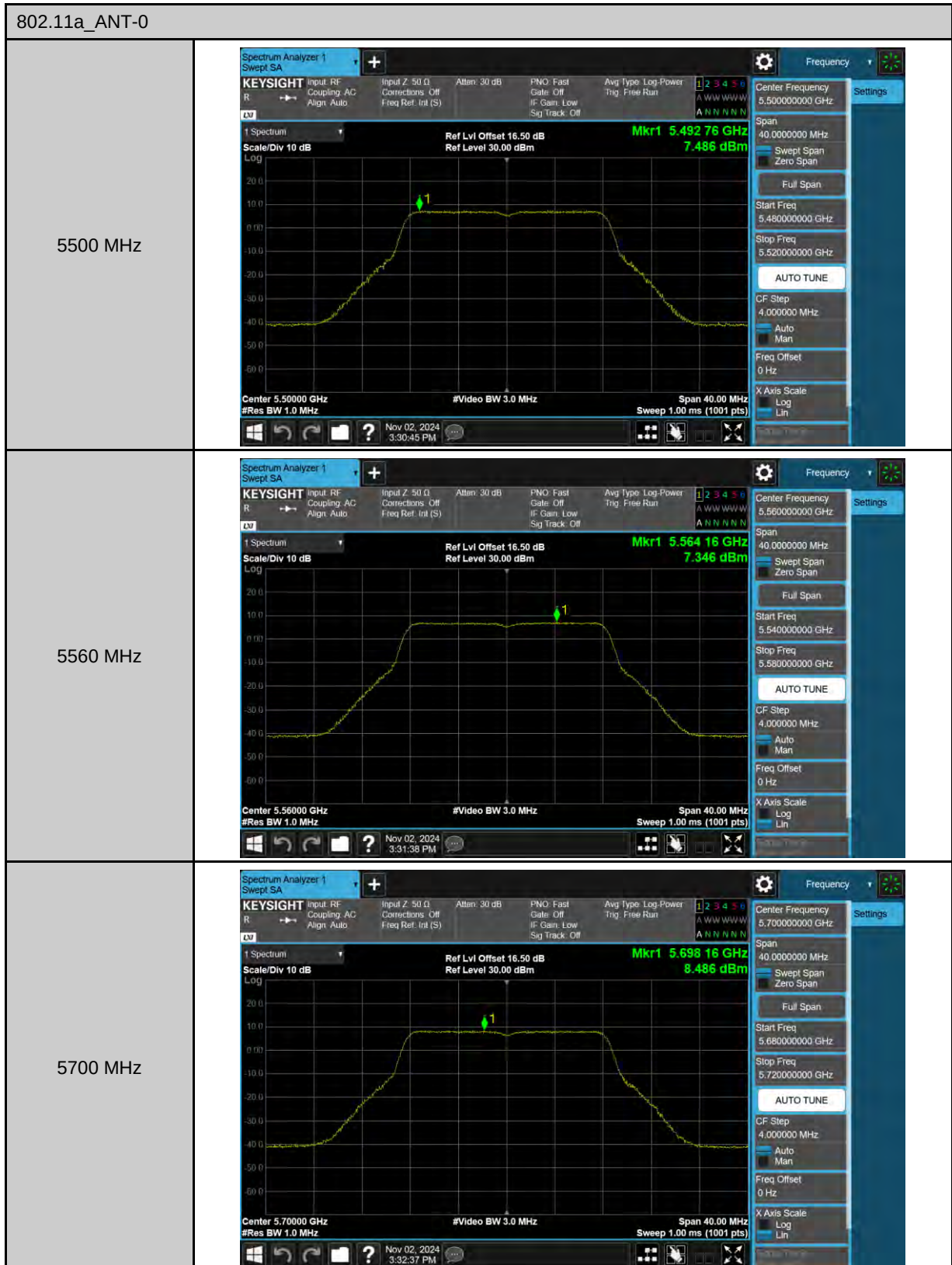
5200 MHz



5240 MHz







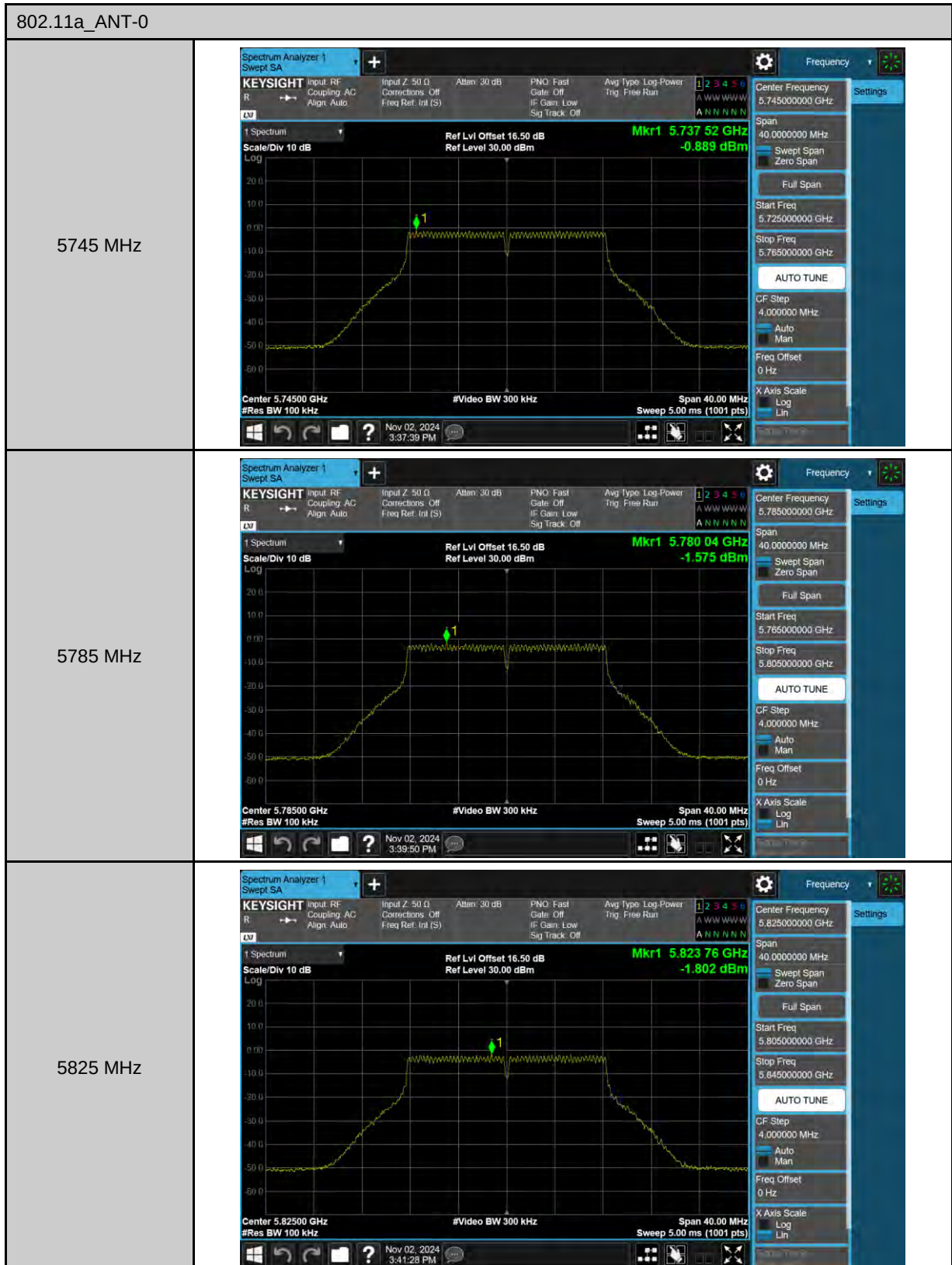
802.11a_ANT-0

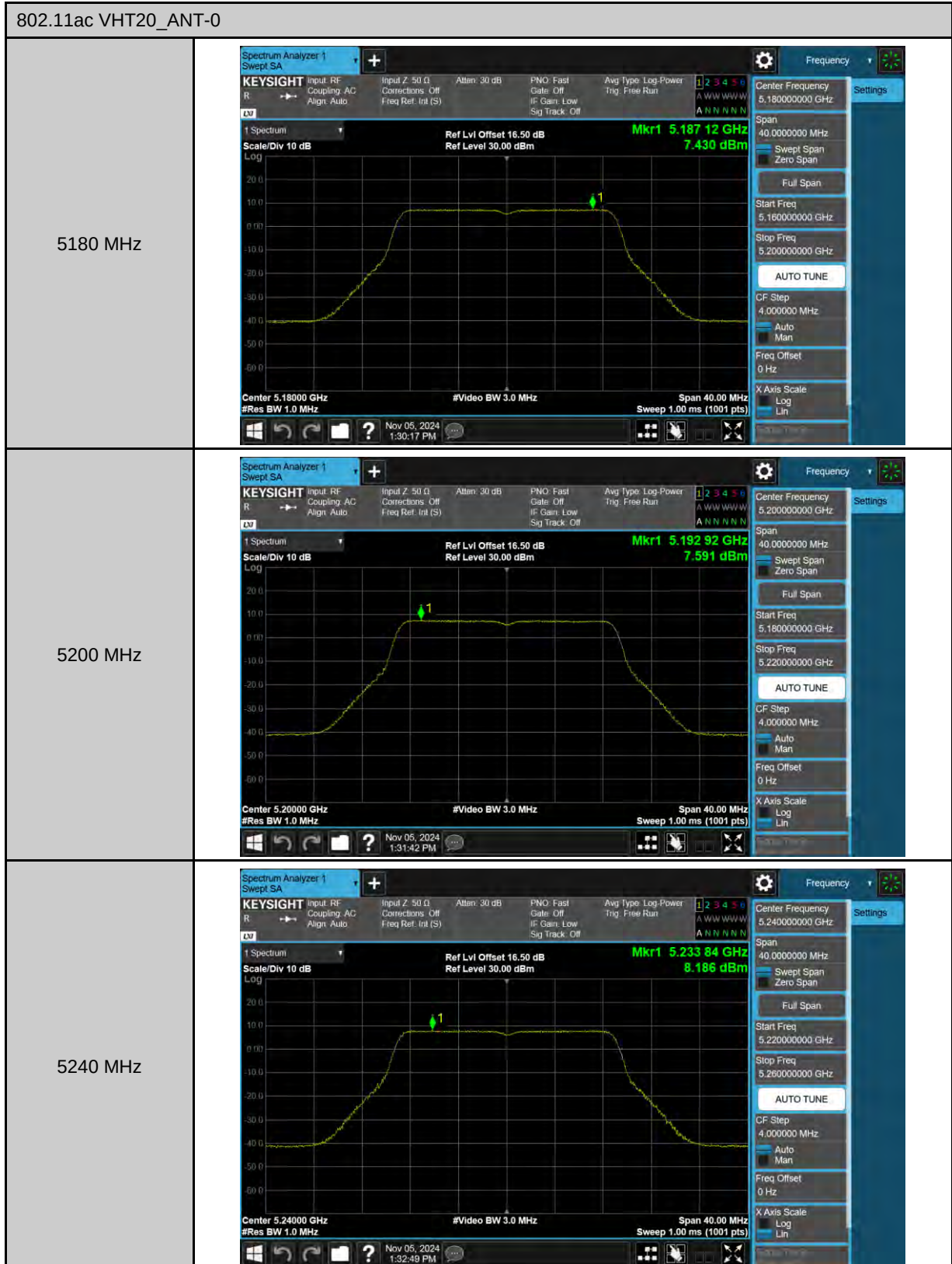
5720 MHz



5720 MHz







802.11ac VHT20_ANT-0

5260 MHz



5280 MHz



5320 MHz



802.11ac VHT20_ANT-0

5500 MHz



5560 MHz



5700 MHz



802.11ac VHT20_ANT-0

5720 MHz

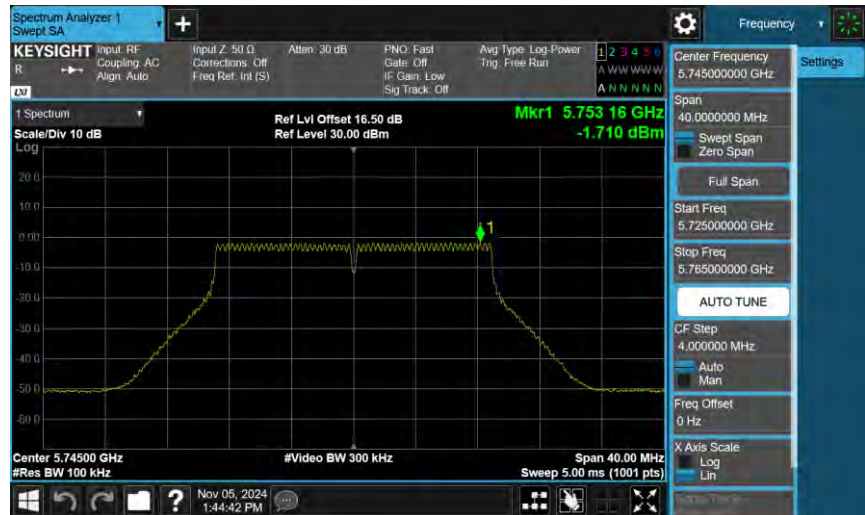


5720 MHz

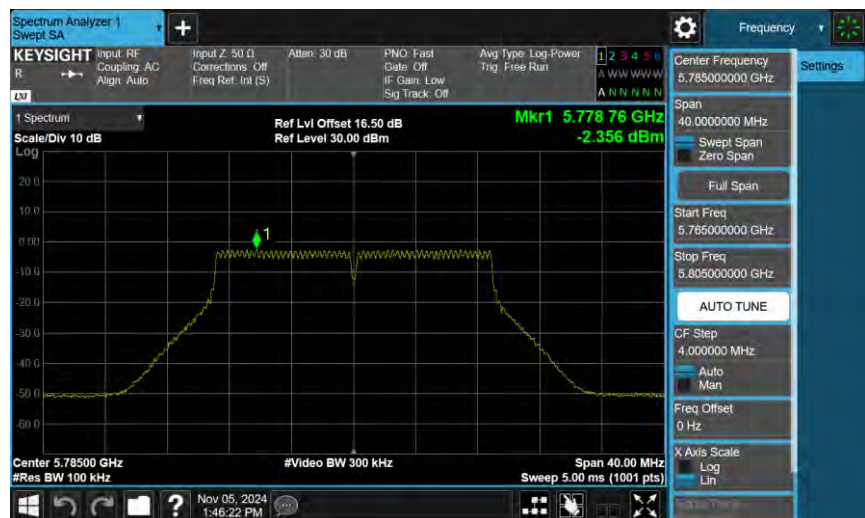


802.11ac VHT20_ANT-0

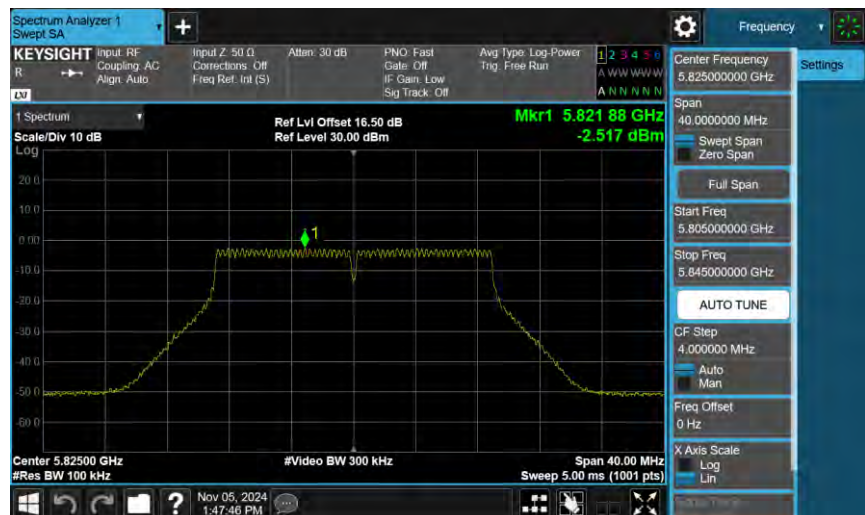
5745 MHz



5785 MHz



5825 MHz



802.11ac VHT40_ANT-0

5190 MHz



5230 MHz



802.11ac VHT40_ANT-0

5270 MHz



5310 MHz



802.11ac VHT40_ANT-0

5510 MHz



5550 MHz



5670 MHz







802.11ac VHT80_ANT-0

5210 MHz

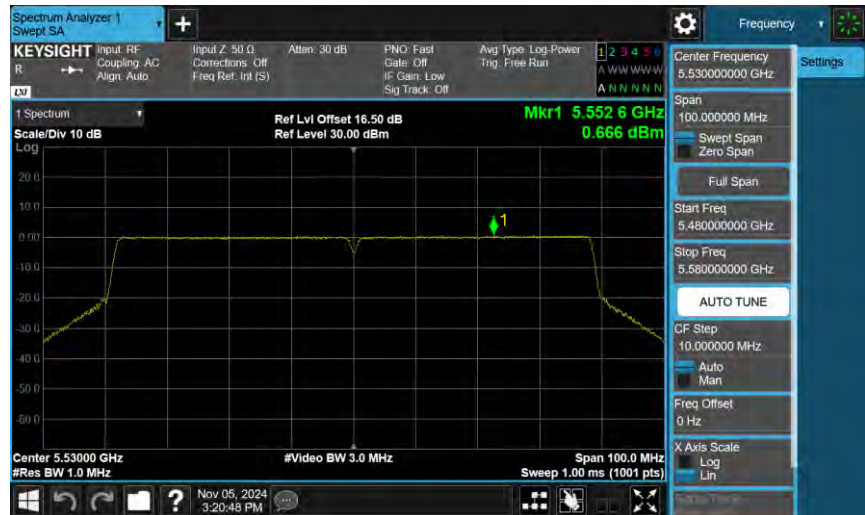


5290 MHz

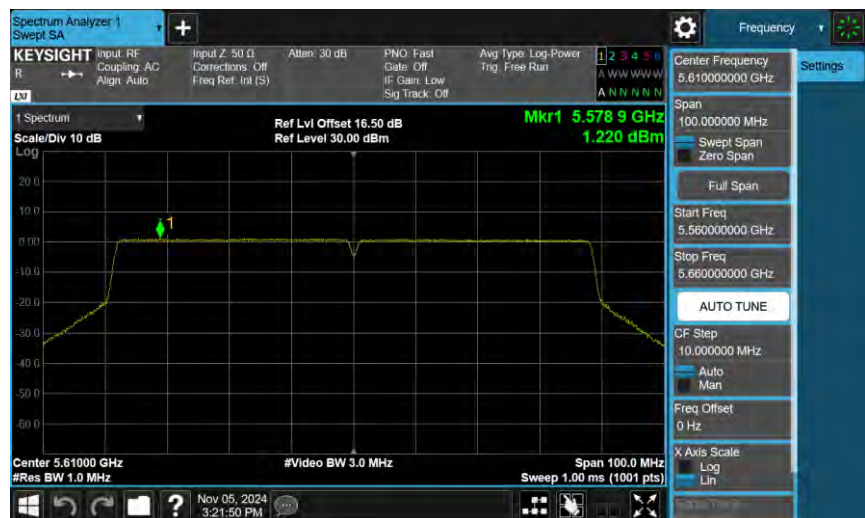


802.11ac VHT80_ANT-0

5530 MHz



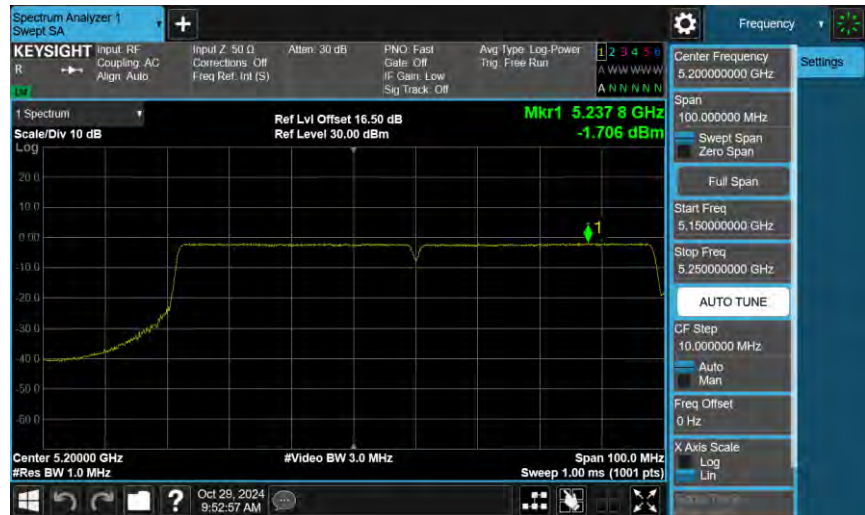
5610 MHz



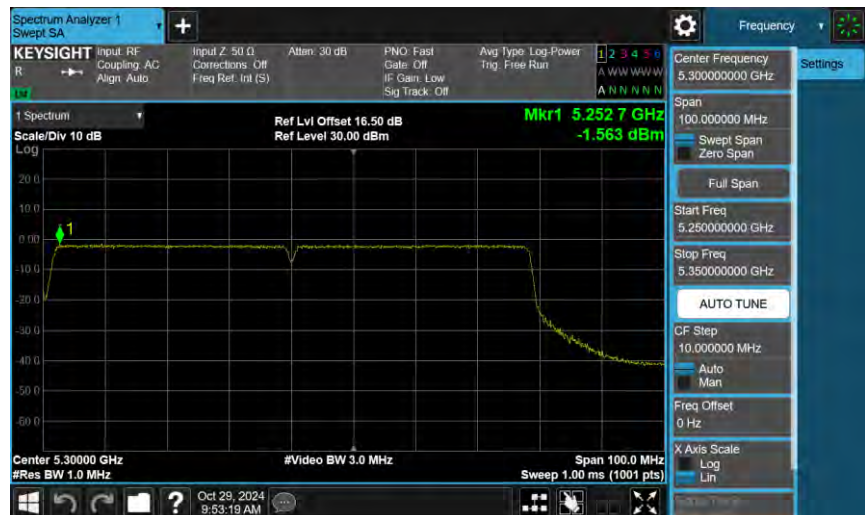


802.11ac VHT160_ANT-0

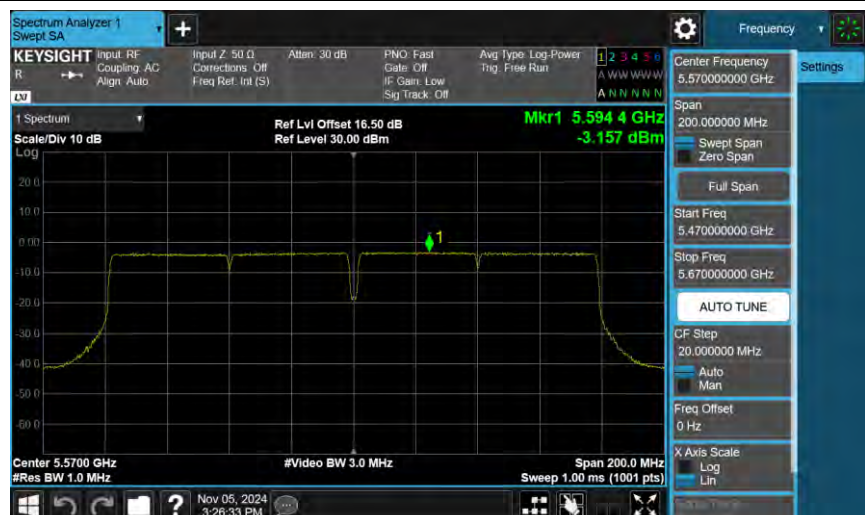
5250 MHz



5250 MHz



5570 MHz



802.11be EHT20_ANT-0

5180 MHz



5200 MHz



5240 MHz



802.11be EHT20_ANT-0

5260 MHz



5280 MHz



5320 MHz



802.11be EHT20_ANT-0

5500 MHz



5560 MHz



5700 MHz



802.11be EHT20_ANT-0

5720 MHz

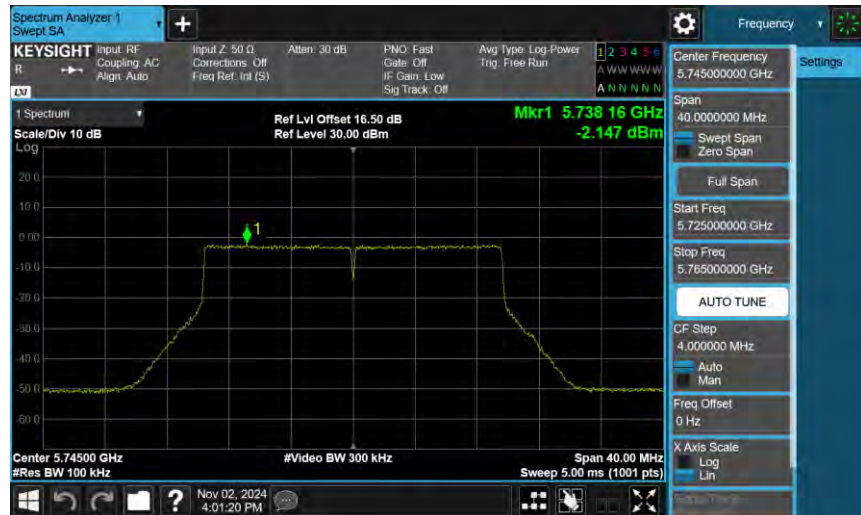


5720 MHz

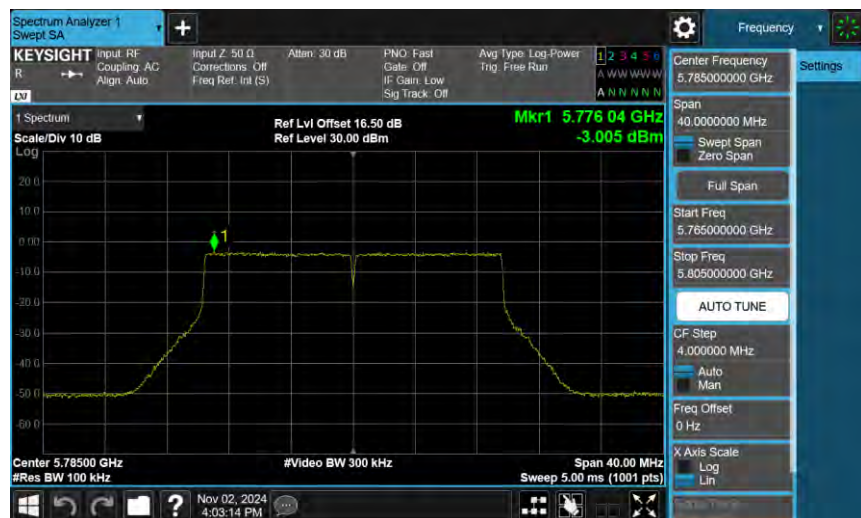


802.11be EHT20_ANT-0

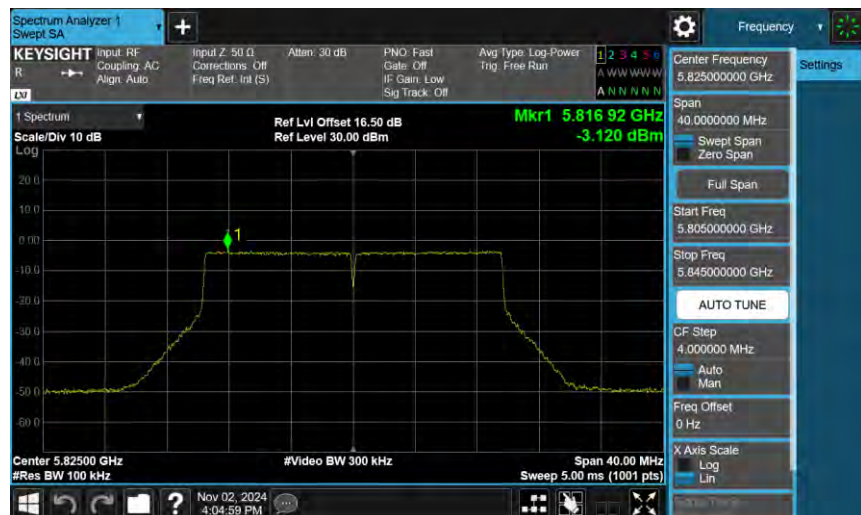
5745 MHz



5785 MHz



5825 MHz



802.11be EHT40_ANT-0

5190 MHz



5230 MHz



802.11be EHT40_ANT-0

5270 MHz



5310 MHz



802.11be EHT40_ANT-0

5510 MHz

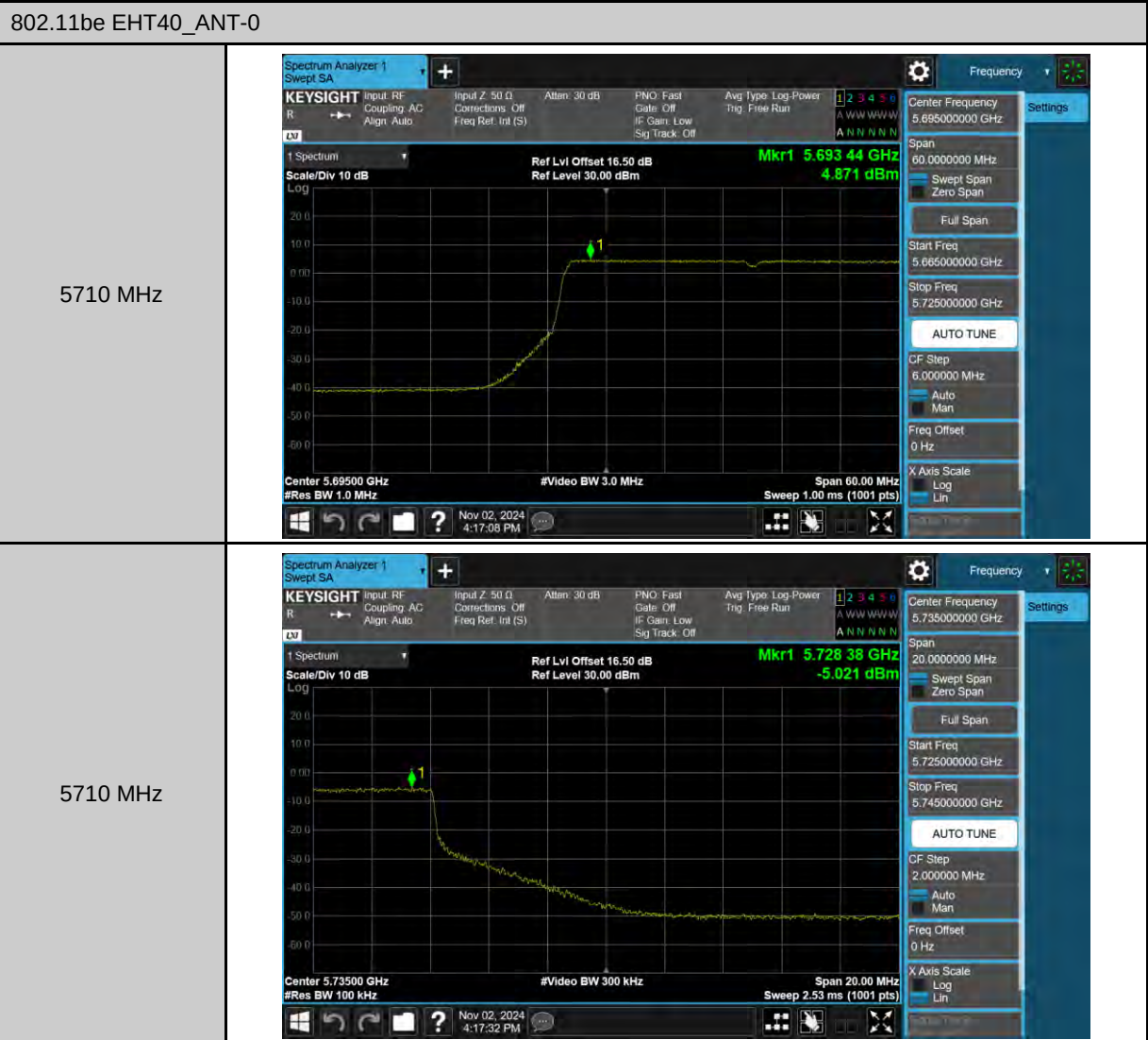


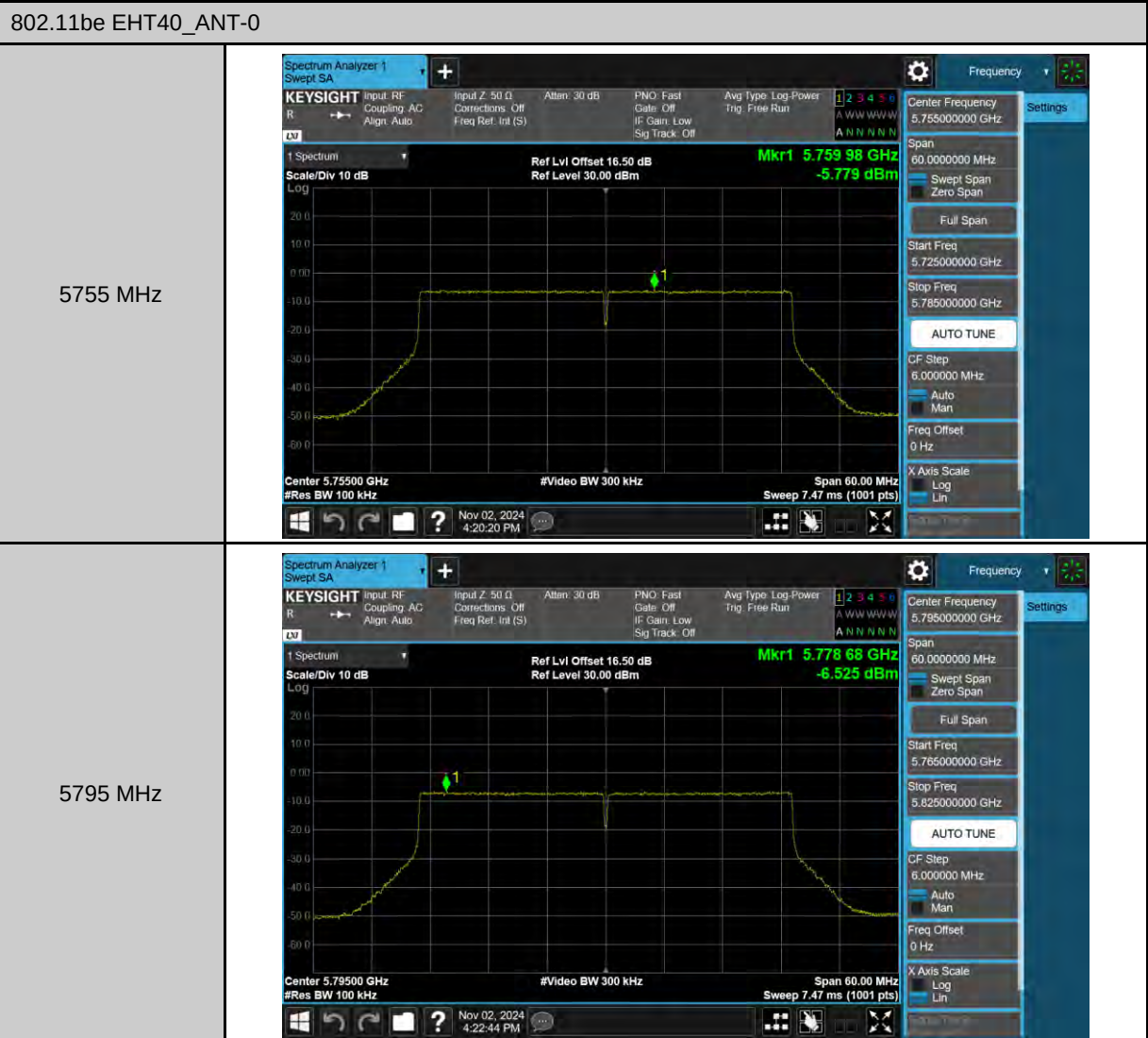
5550 MHz



5670 MHz







802.11be EHT80_ANT-0

5210 MHz

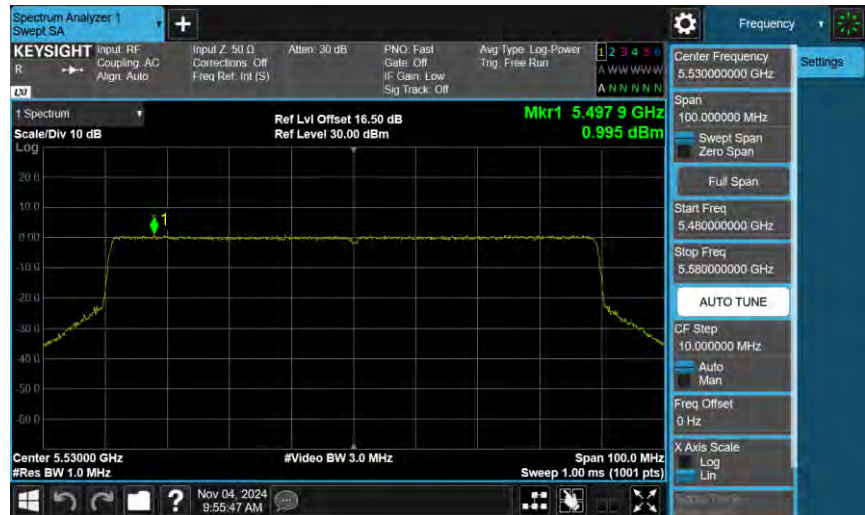


5290 MHz

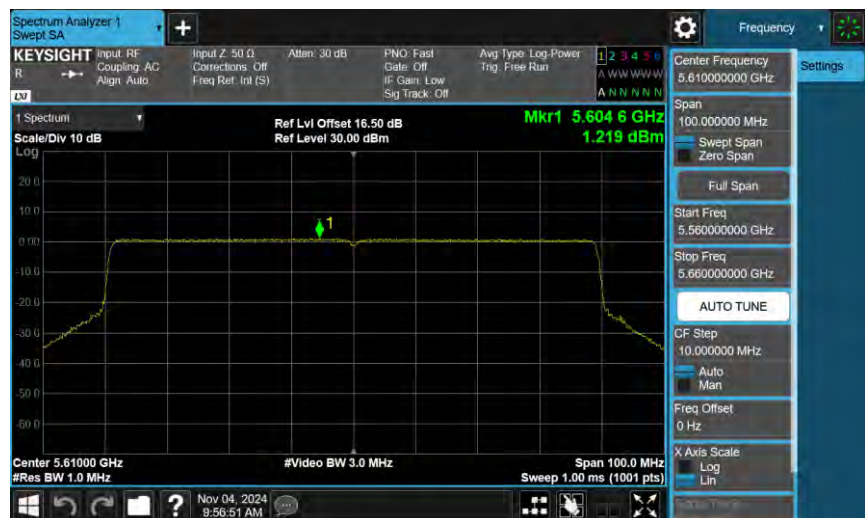


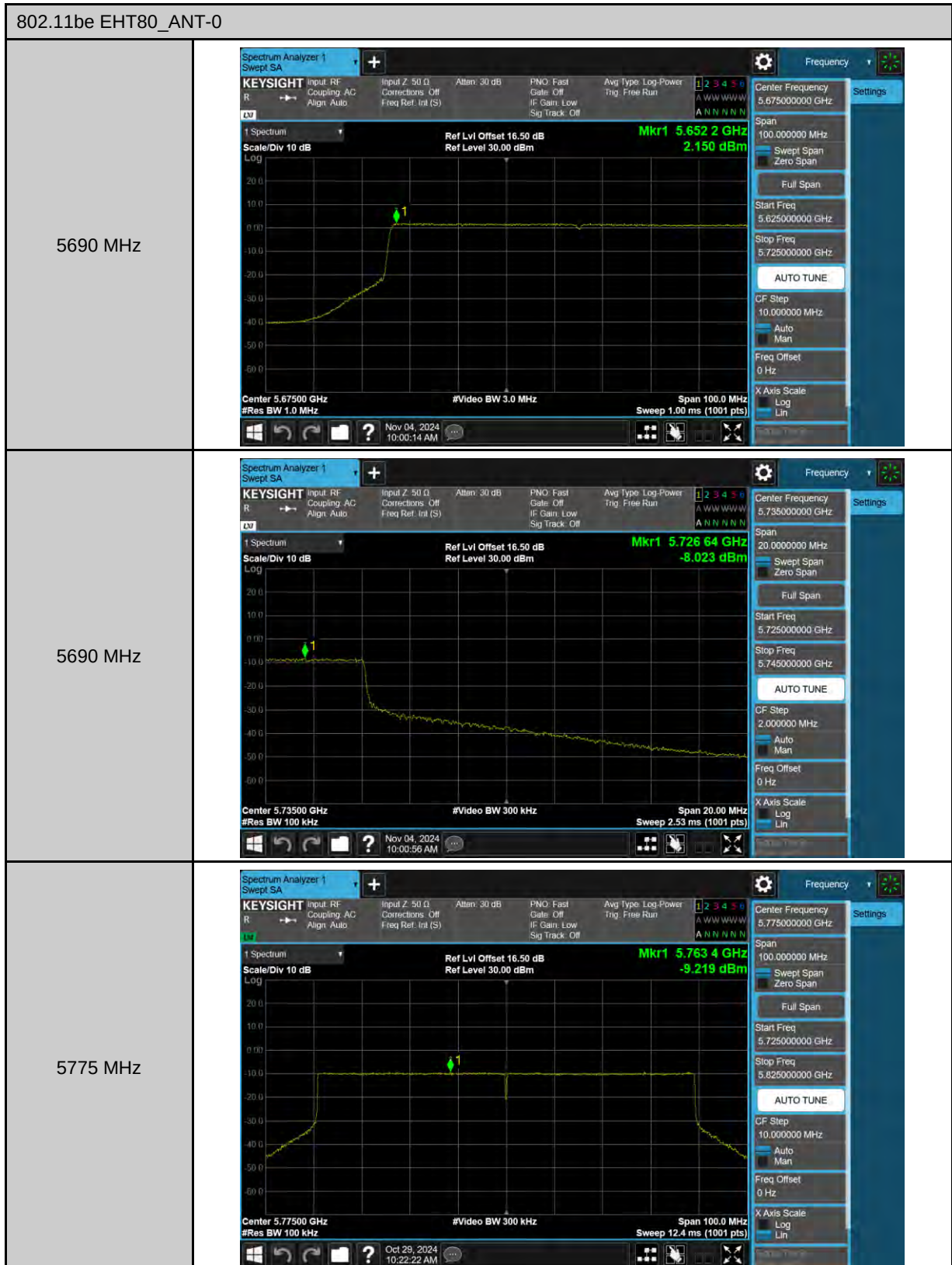
802.11be EHT80_ANT-0

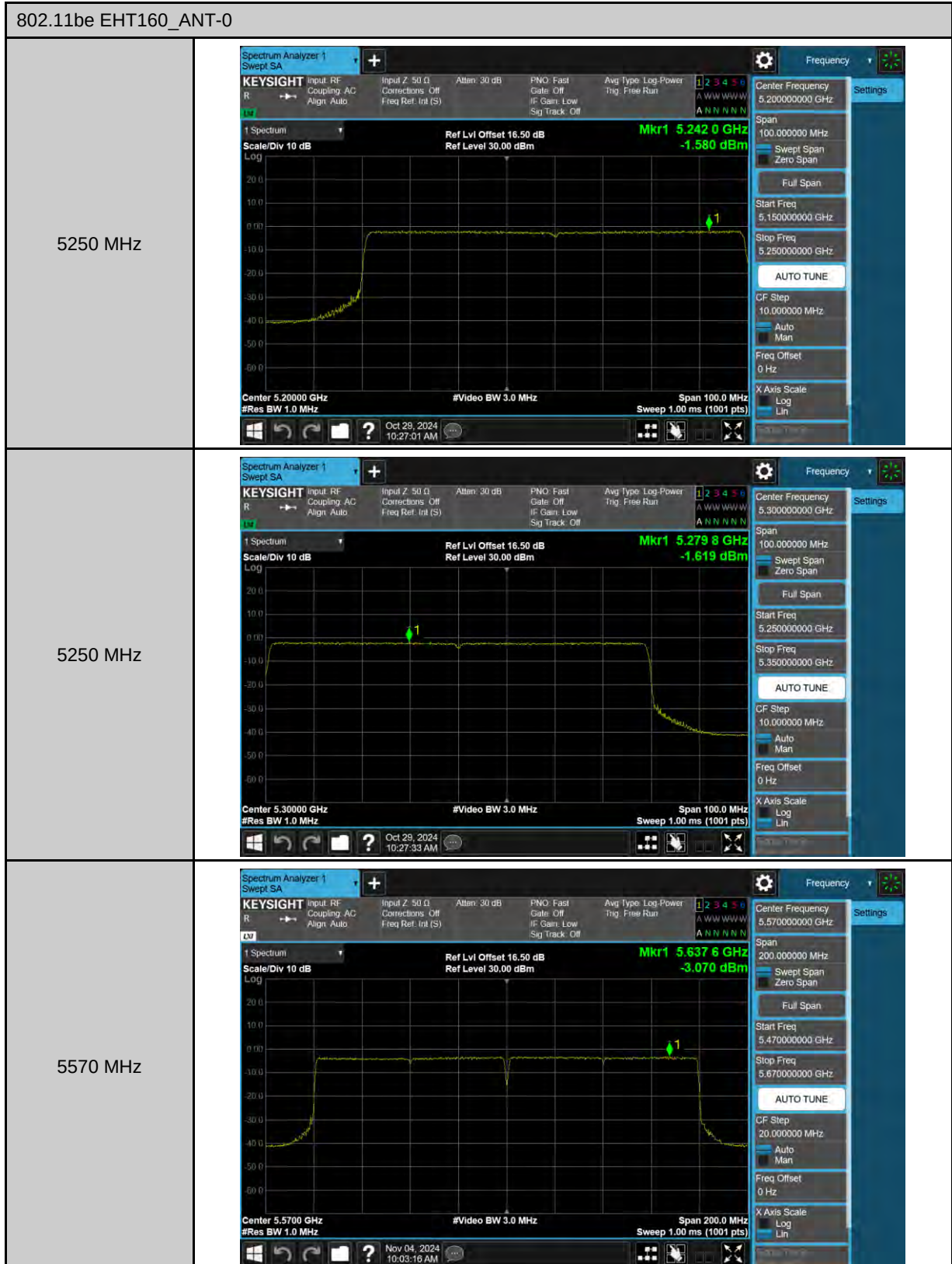
5530 MHz



5610 MHz



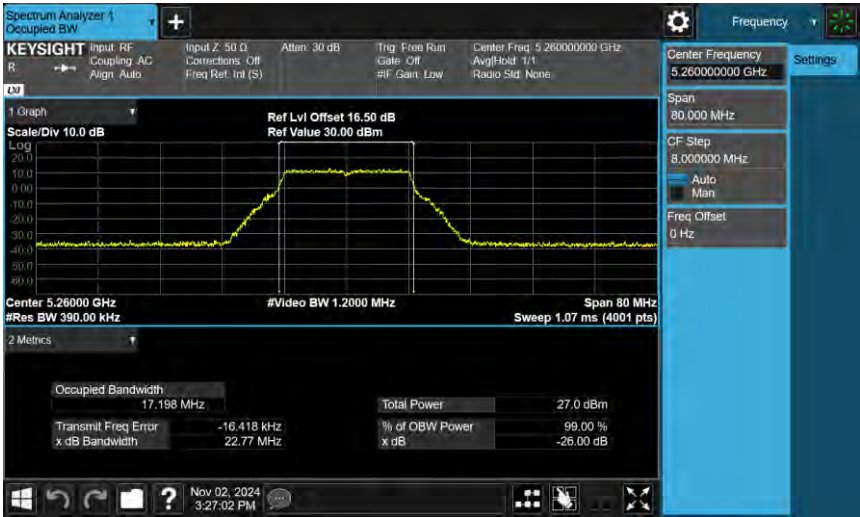


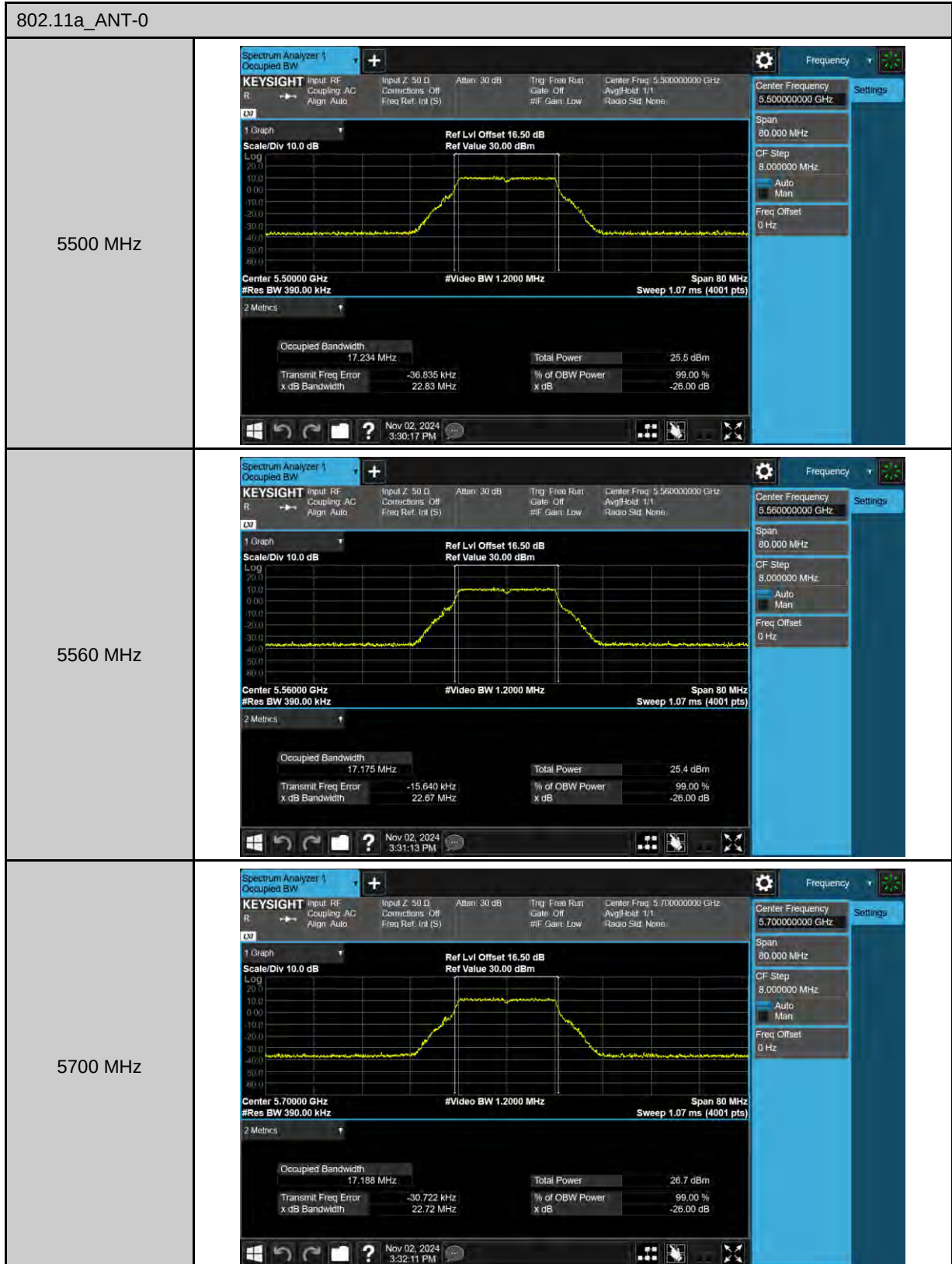


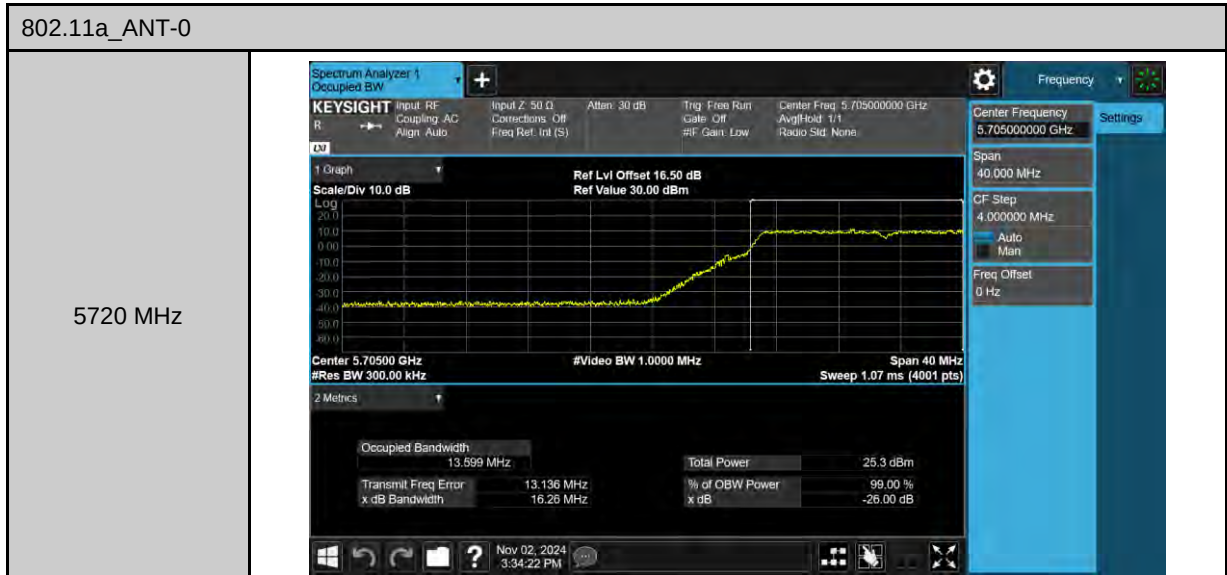
26 dB Bandwidth & 99% Occupied Bandwidth

802.11a_ANT-0



802.11a_ANT-0 5260 MHz	 Center Frequency: 5.26000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.198 MHz Total Power: 27.0 dBm Transmit Freq Error: -16.418 kHz % of OBW Power: 99.00 % x dB Bandwidth: 22.77 MHz x dB: -26.00 dB
5280 MHz	 Center Frequency: 5.28000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.228 MHz Total Power: 27.2 dBm Transmit Freq Error: -36.229 kHz % of OBW Power: 99.00 % x dB Bandwidth: 22.77 MHz x dB: -26.00 dB
5320 MHz	 Center Frequency: 5.32000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.254 MHz Total Power: 27.1 dBm Transmit Freq Error: -24.848 kHz % of OBW Power: 99.00 % x dB Bandwidth: 22.68 MHz x dB: -26.00 dB





802.11ac VHT20_ANT-0

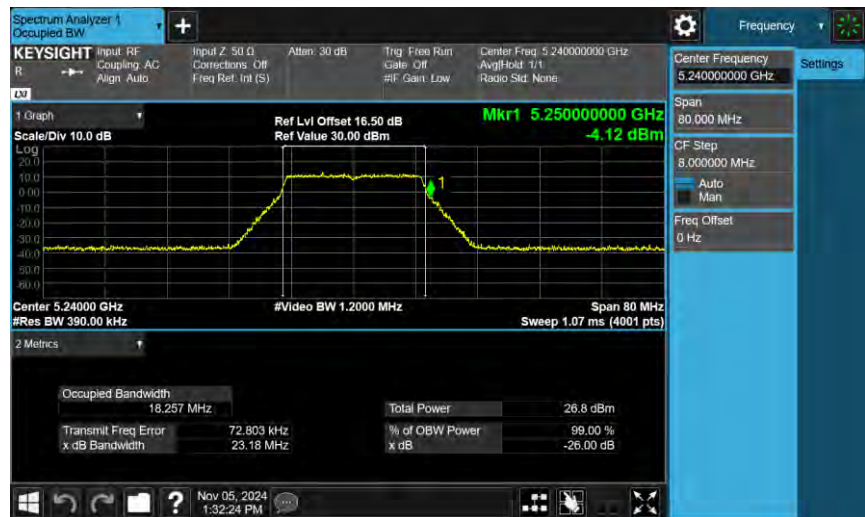
5180 MHz



5200 MHz

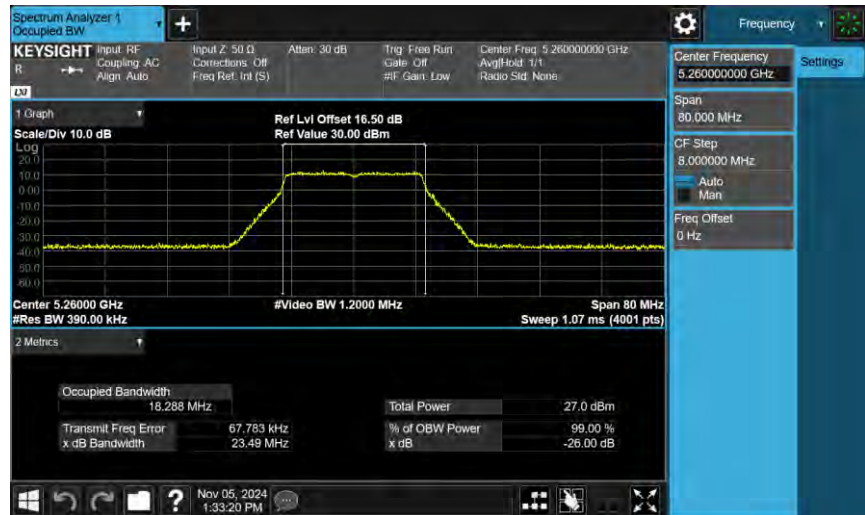


5240 MHz



802.11ac VHT20_ANT-0

5260 MHz



5280 MHz

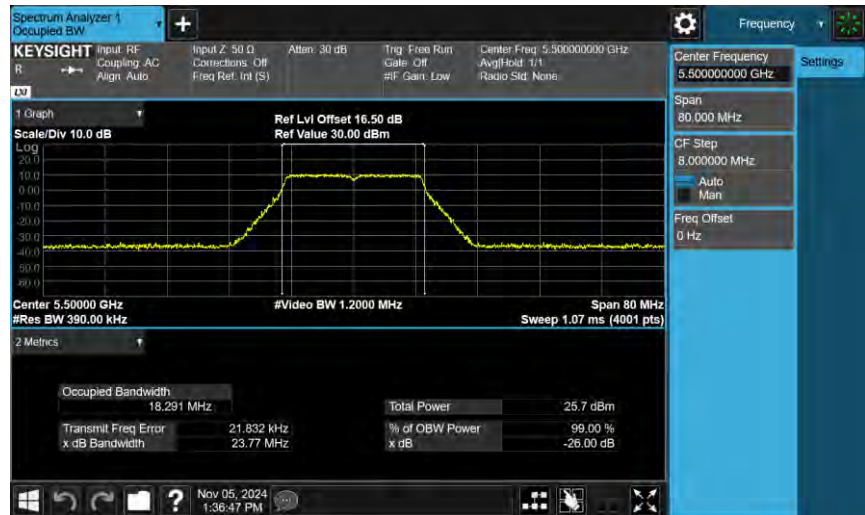


5320 MHz



802.11ac VHT20_ANT-0

5500 MHz



5560 MHz



5700 MHz



802.11ac VHT20_ANT-0

5720 MHz



802.11ac VHT40_ANT-0

5190 MHz



5230 MHz



5270 MHz



802.11ac VHT40_ANT-0

5310 MHz



5510 MHz



5550 MHz





802.11ac VHT80_ANT-0

5210 MHz



5290 MHz



5530 MHz



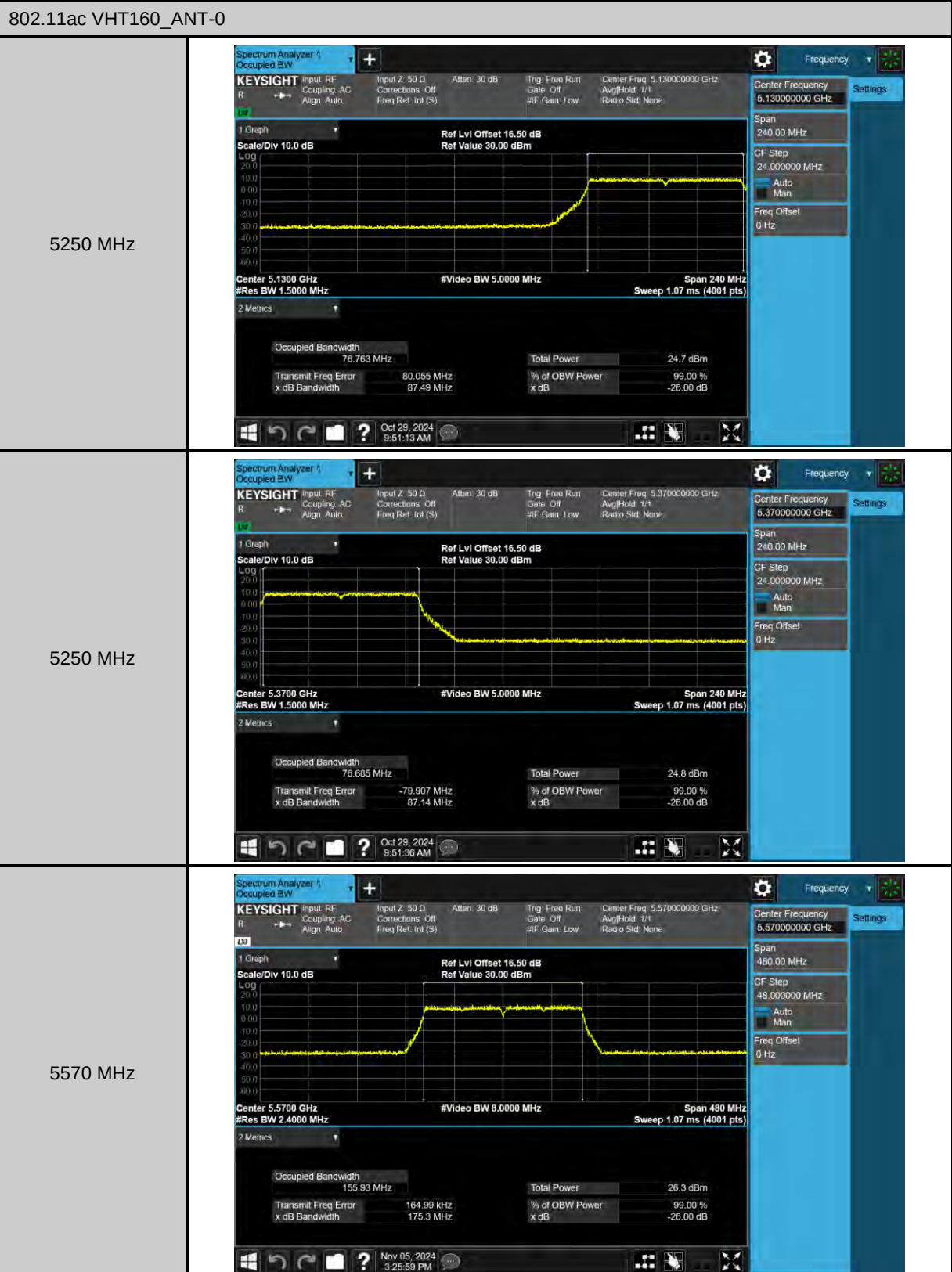
802.11ac VHT80_ANT-0

5610 MHz



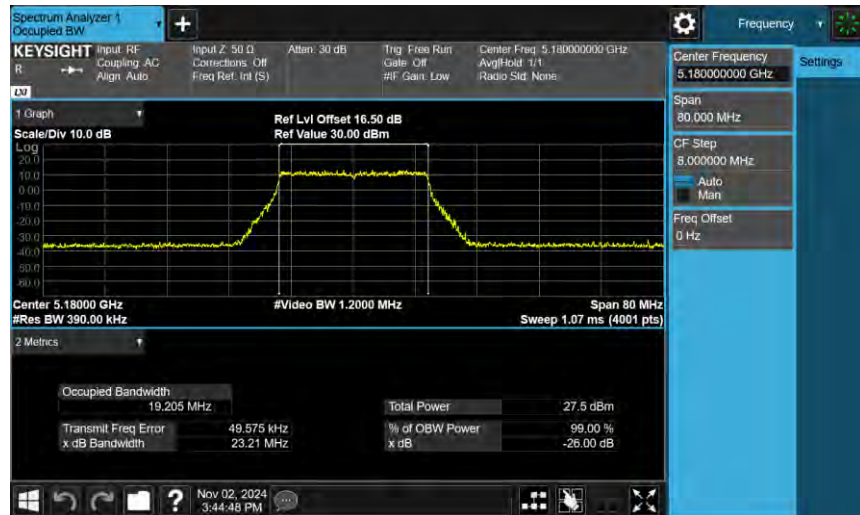
5690 MHz





802.11be EHT20_ANT-0

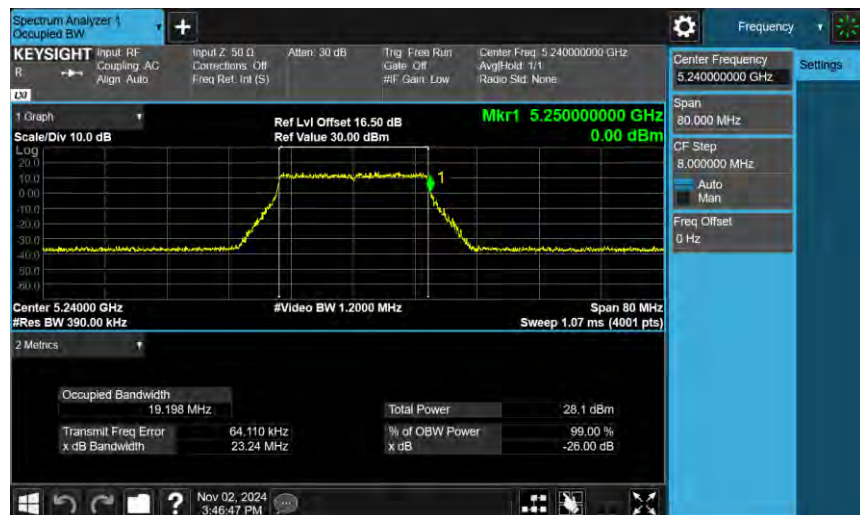
5180 MHz



5200 MHz



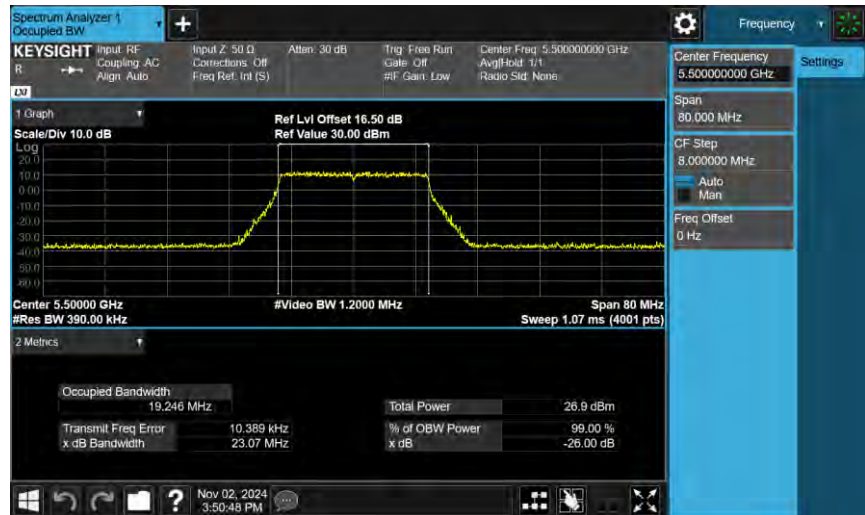
5240 MHz





802.11be EHT20_ANT-0

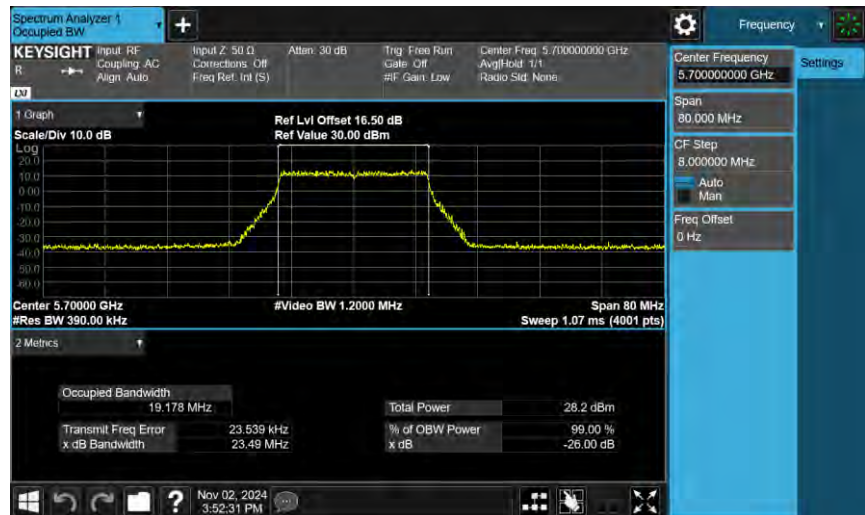
5500 MHz

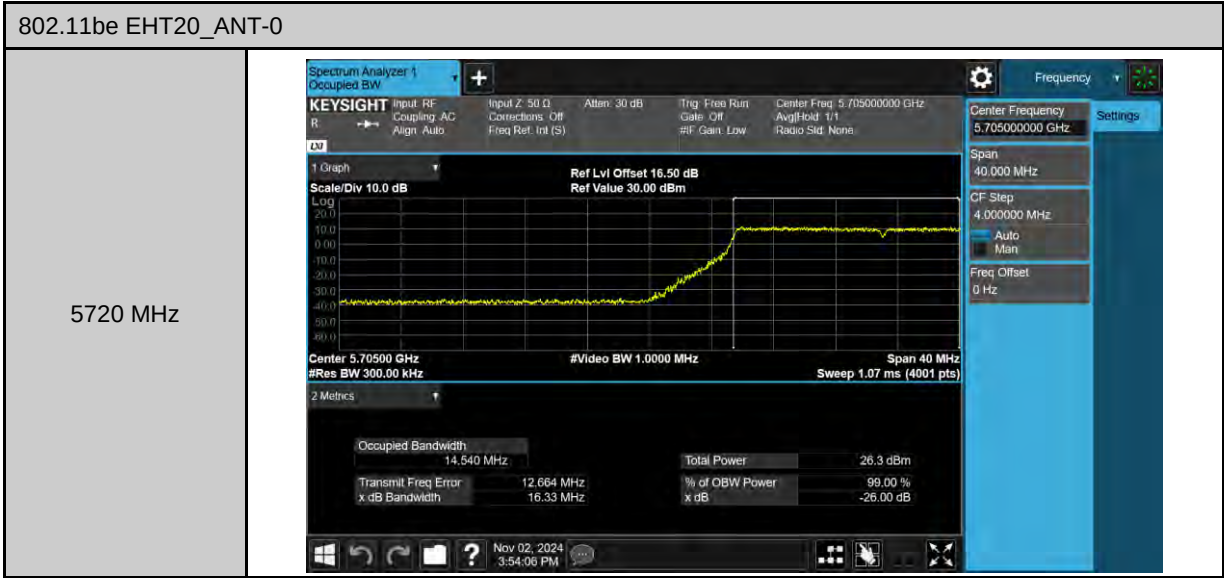


5560 MHz



5700 MHz



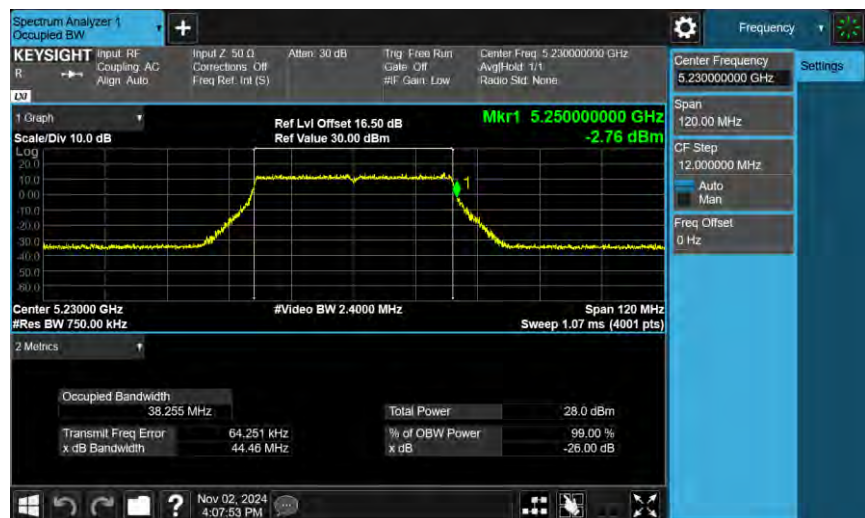


802.11be EHT40_ANT-0

5190 MHz



5230 MHz



5270 MHz

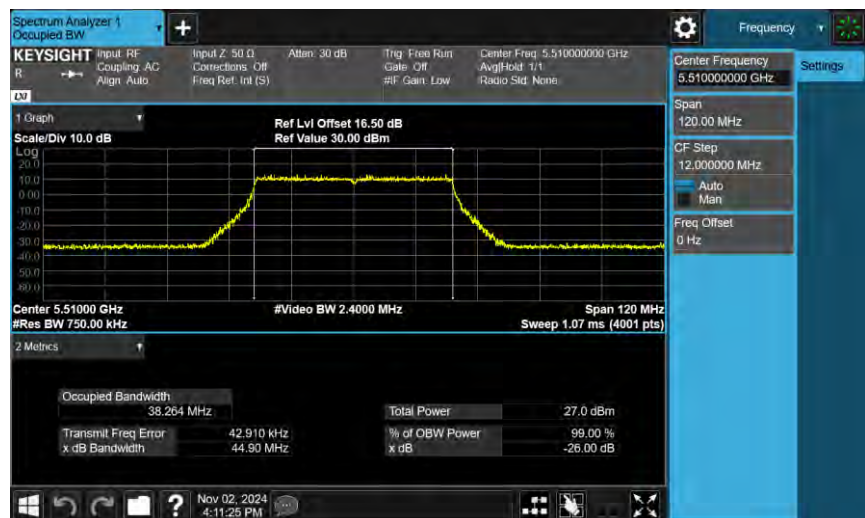


802.11be EHT40_ANT-0

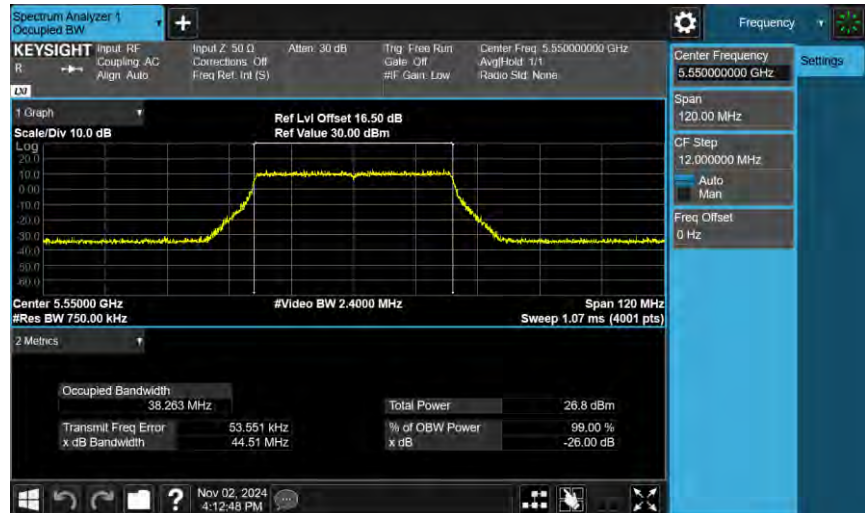
5310 MHz



5510 MHz

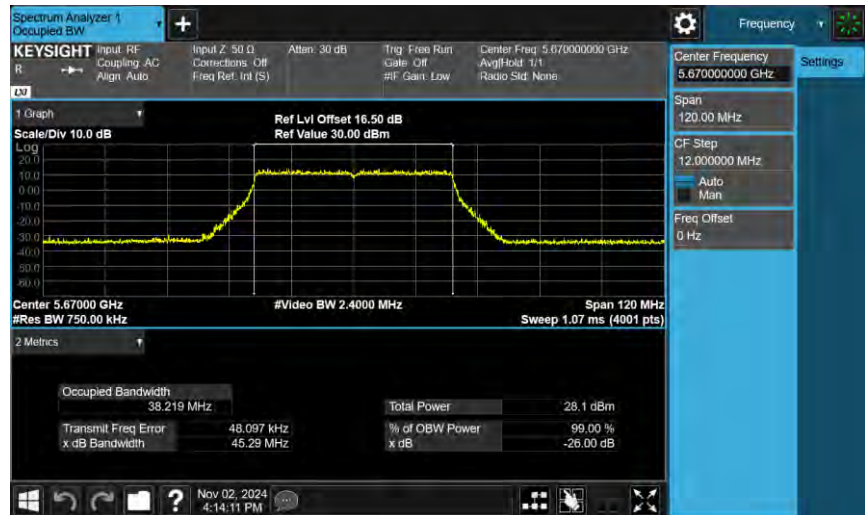


5550 MHz



802.11be EHT40_ANT-0

5670 MHz

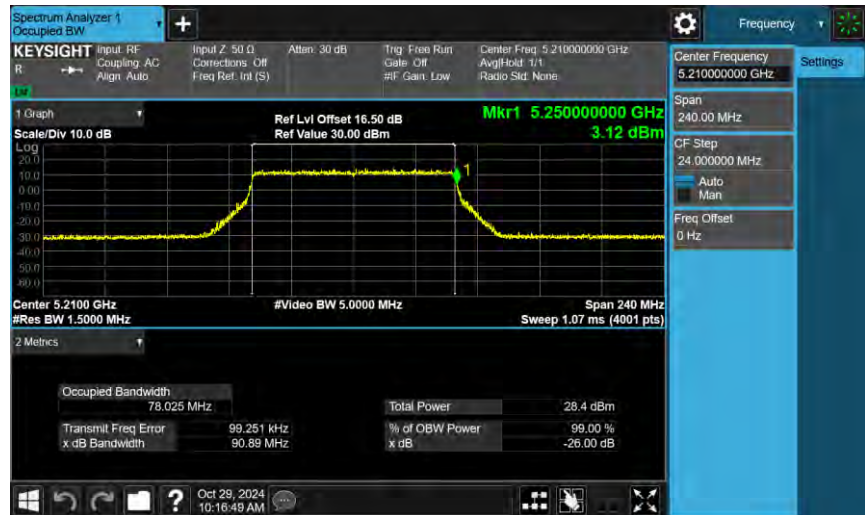


5710 MHz



802.11be EHT80_ANT-0

5210 MHz



5290 MHz



802.11be EHT80_ANT-0

5530 MHz



5610 MHz



5690 MHz



802.11be EHT160_ANT-0

5250 MHz



5250 MHz



5570 MHz



6 dB Bandwidth

802.11a_ANT-0





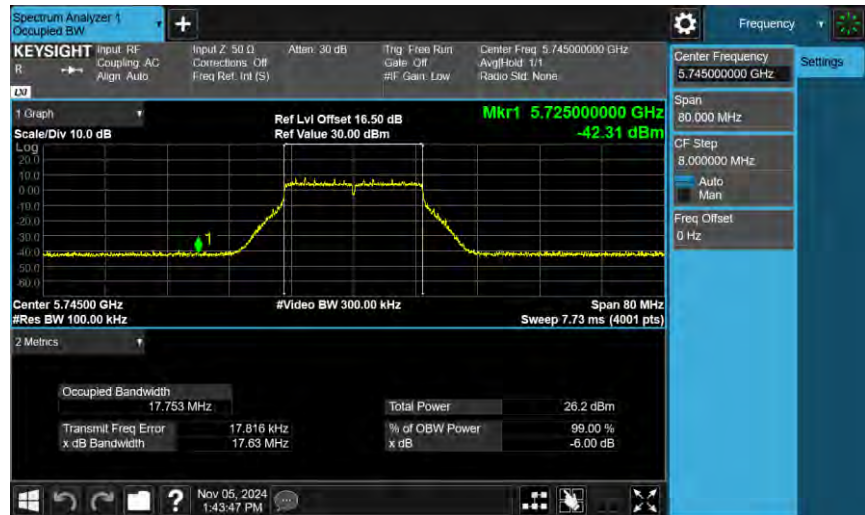
802.11ac VHT20_ANT-0

5720 MHz

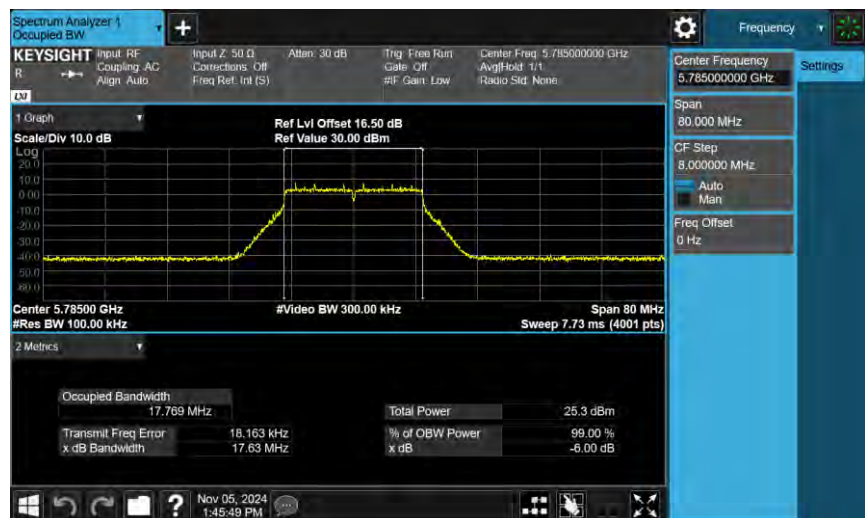


802.11ac VHT20_ANT-0

5745 MHz



5785 MHz



5825 MHz



802.11ac VHT40_ANT-0

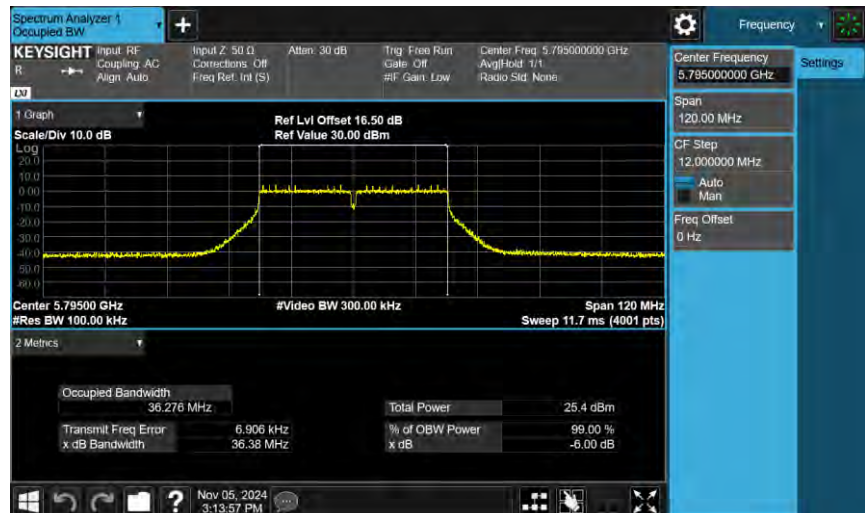
5710 MHz



5755 MHz



5795 MHz



802.11ac VHT80_ANT-0

5690 MHz



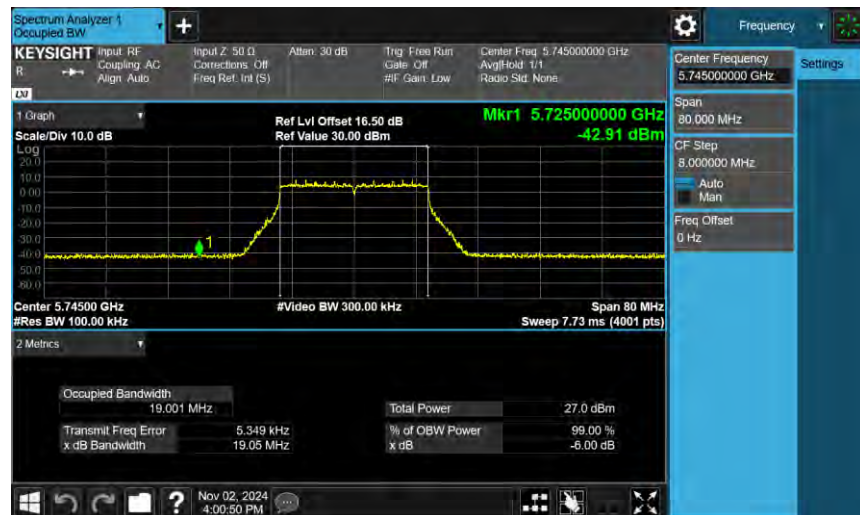
5775 MHz



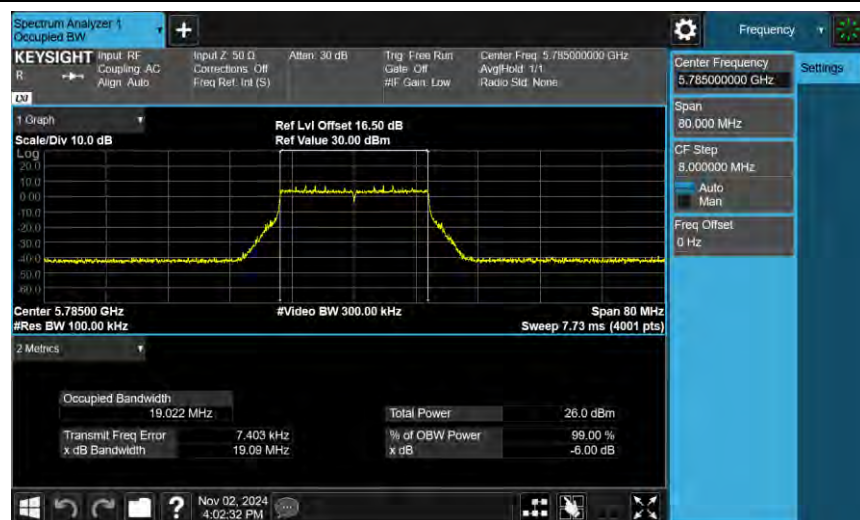


802.11be EHT20_ANT-0

5745 MHz



5785 MHz



5825 MHz

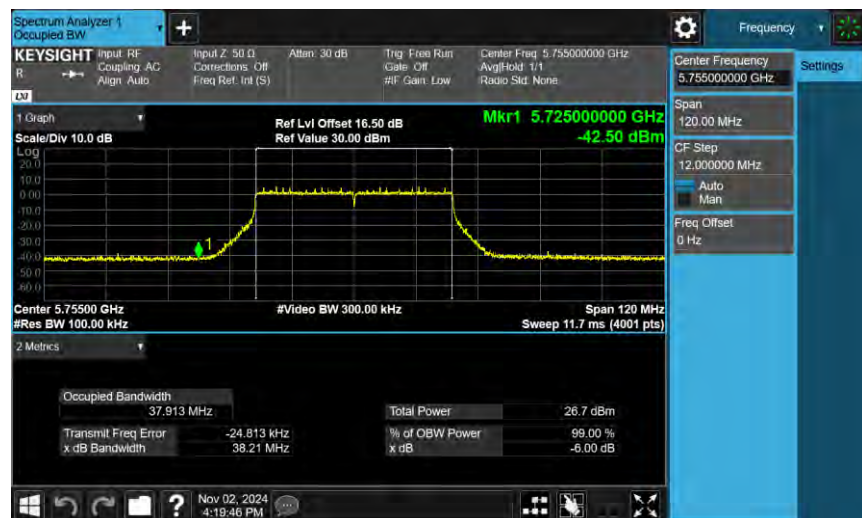


802.11be EHT40_ANT-0

5710 MHz



5755 MHz



5795 MHz



802.11be EHT80_ANT-0

5690 MHz



5775 MHz



99% Occupied Bandwidth

802.11a_ANT-0

5720 MHz



802.11a_ANT-0 5745 MHz	 Center Frequency: 5.74500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.536 MHz Total Power: 25.9 dBm Transmit Freq Error: -68.321 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.61 MHz x dB: -26.00 dB
5785 MHz	 Center Frequency: 5.78500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.504 MHz Total Power: 25.1 dBm Transmit Freq Error: -60.135 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.69 MHz x dB: -26.00 dB
5825 MHz	 Center Frequency: 5.82500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.490 MHz Total Power: 25.1 dBm Transmit Freq Error: -46.405 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.48 MHz x dB: -26.00 dB



802.11a_ANT-0 5745 MHz	 Center Frequency: 5.74500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.536 MHz Total Power: 25.9 dBm Transmit Freq Error: -68.321 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.61 MHz x dB: -26.00 dB
5785 MHz	 Center Frequency: 5.78500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.504 MHz Total Power: 25.1 dBm Transmit Freq Error: -60.135 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.69 MHz x dB: -26.00 dB
5825 MHz	 Center Frequency: 5.82500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.490 MHz Total Power: 25.1 dBm Transmit Freq Error: -46.405 kHz % of OBW Power: 99.00 % x dB Bandwidth: 23.48 MHz x dB: -26.00 dB

802.11ac VHT20_ANT-0

5720 MHz



802.11ac VHT20_ANT-0

5745 MHz



5785 MHz



5825 MHz

