

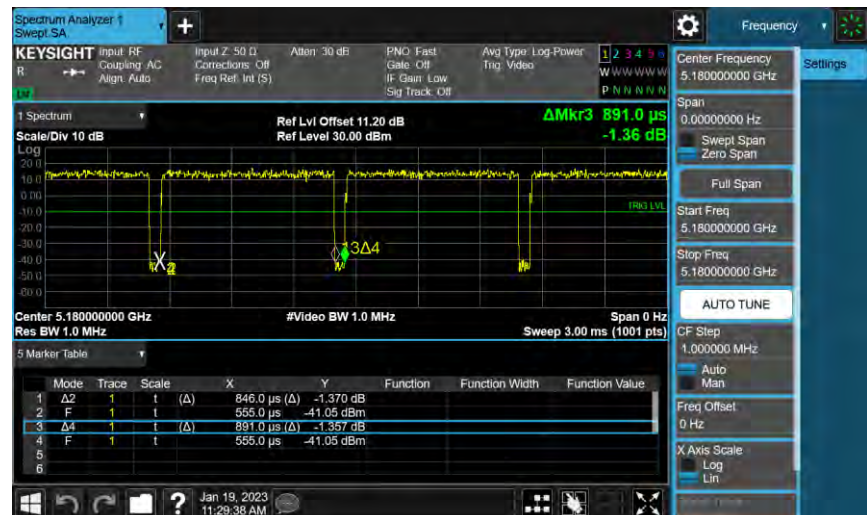
Appendix B Test Plots

1X1

Duty cycle

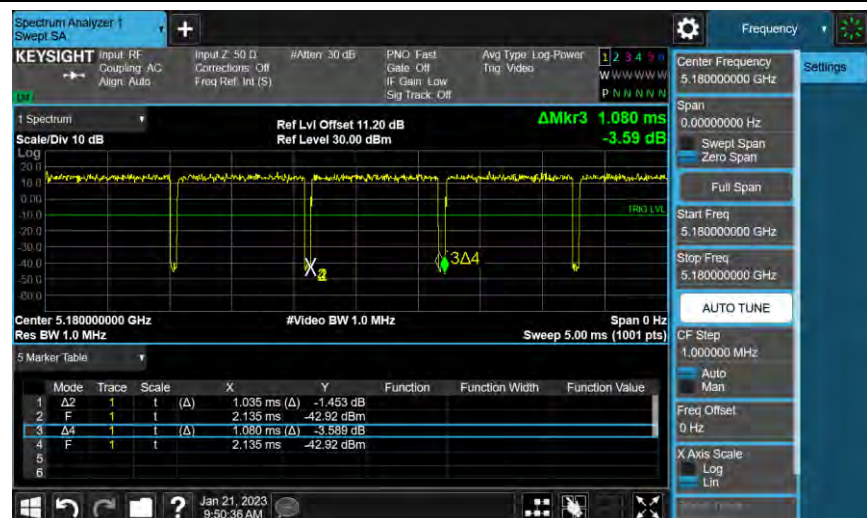
802.11a

On+off time



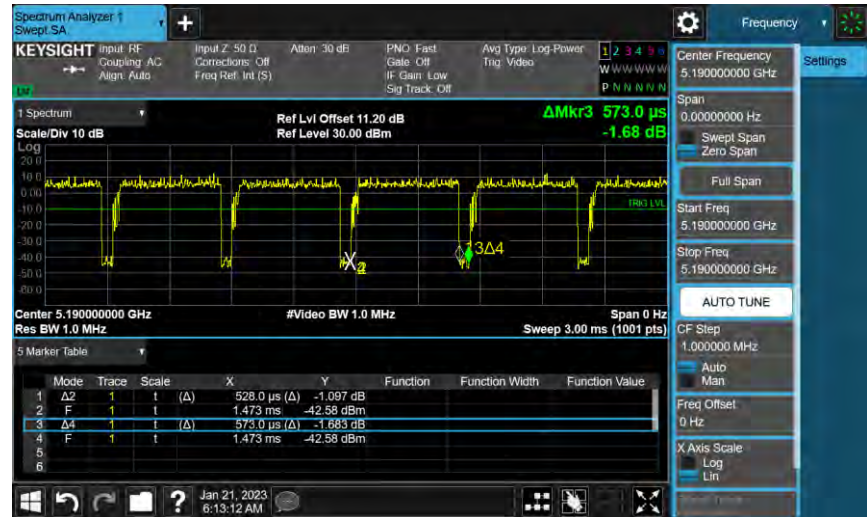
802.11n HT20

On+off time

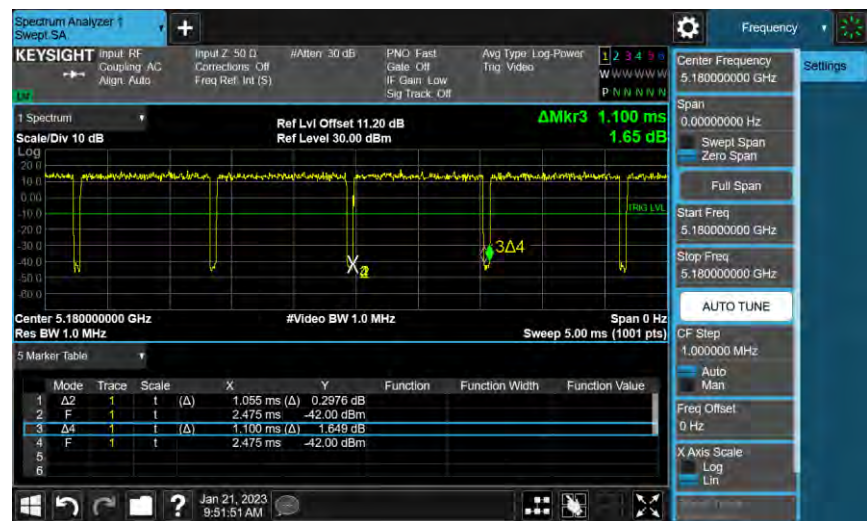


802.11n HT40

On+off time

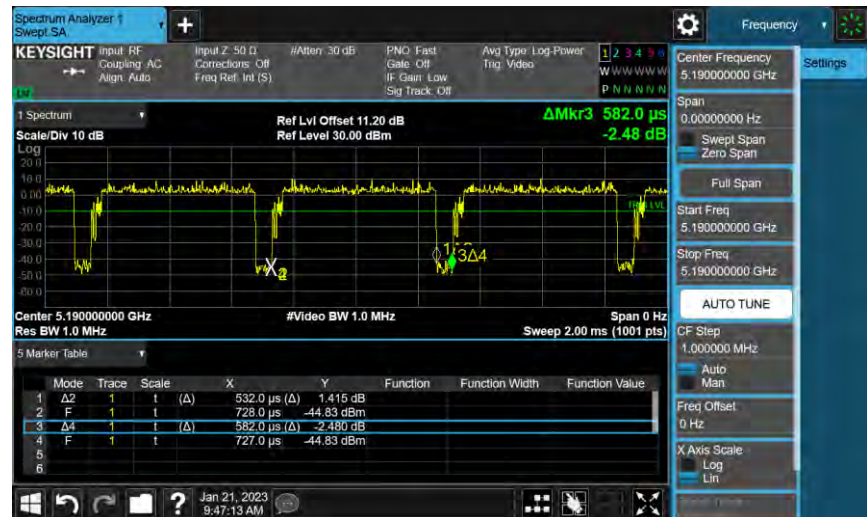

802.11ac VHT20

On+off time

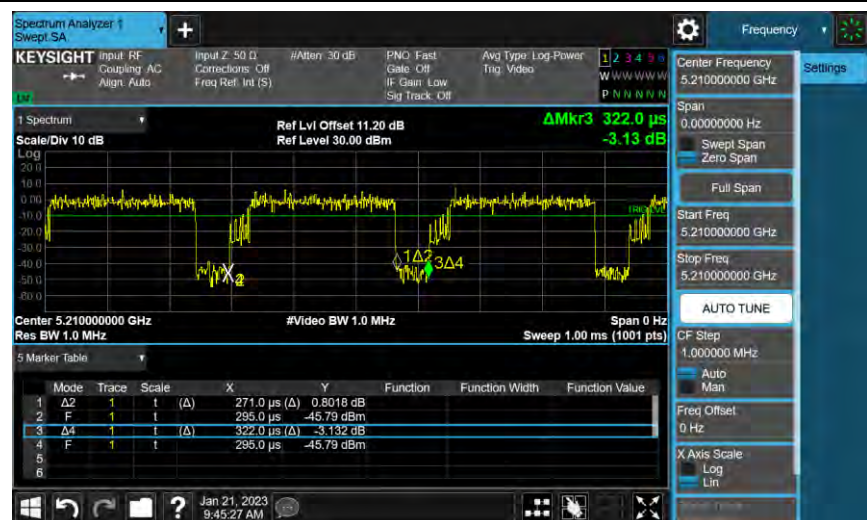


802.11ac VHT40

On+off time

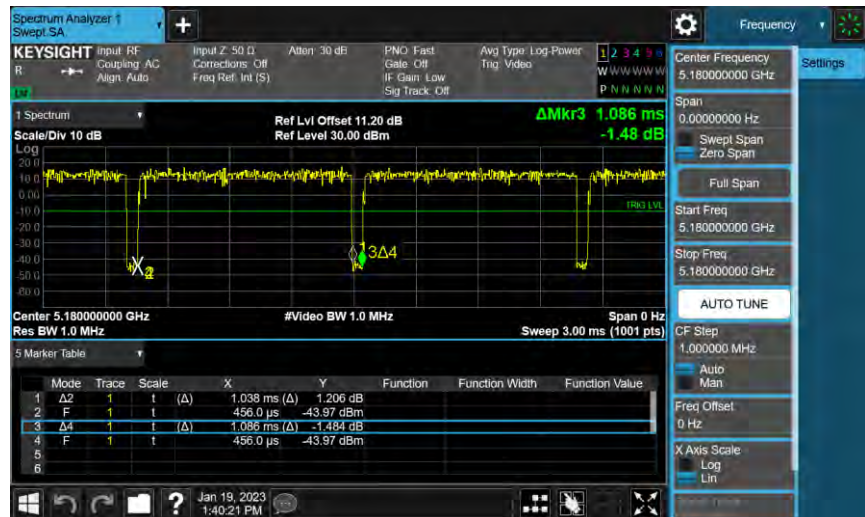

802.11ac VHT80

On+off time

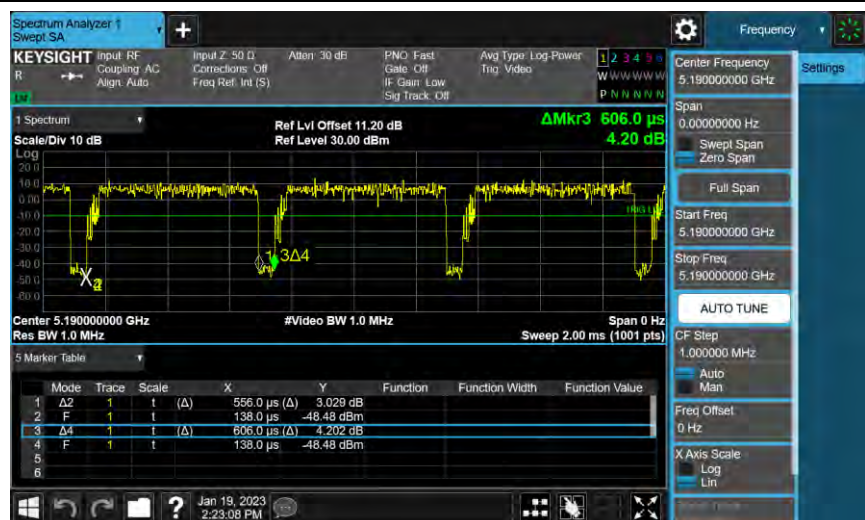


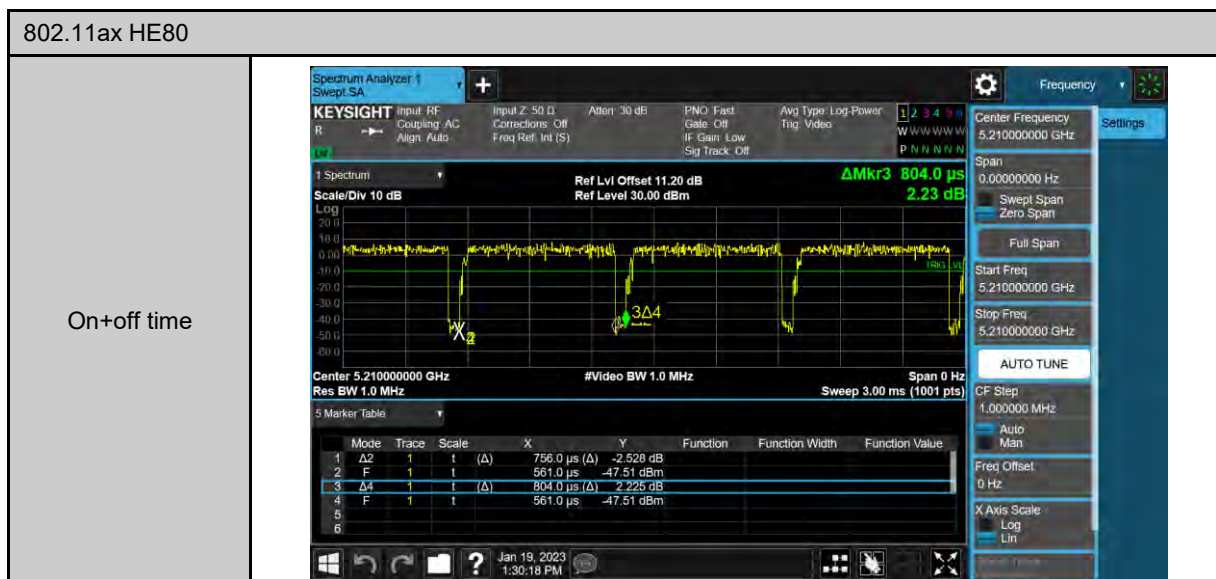
802.11ax HE20

On+off time

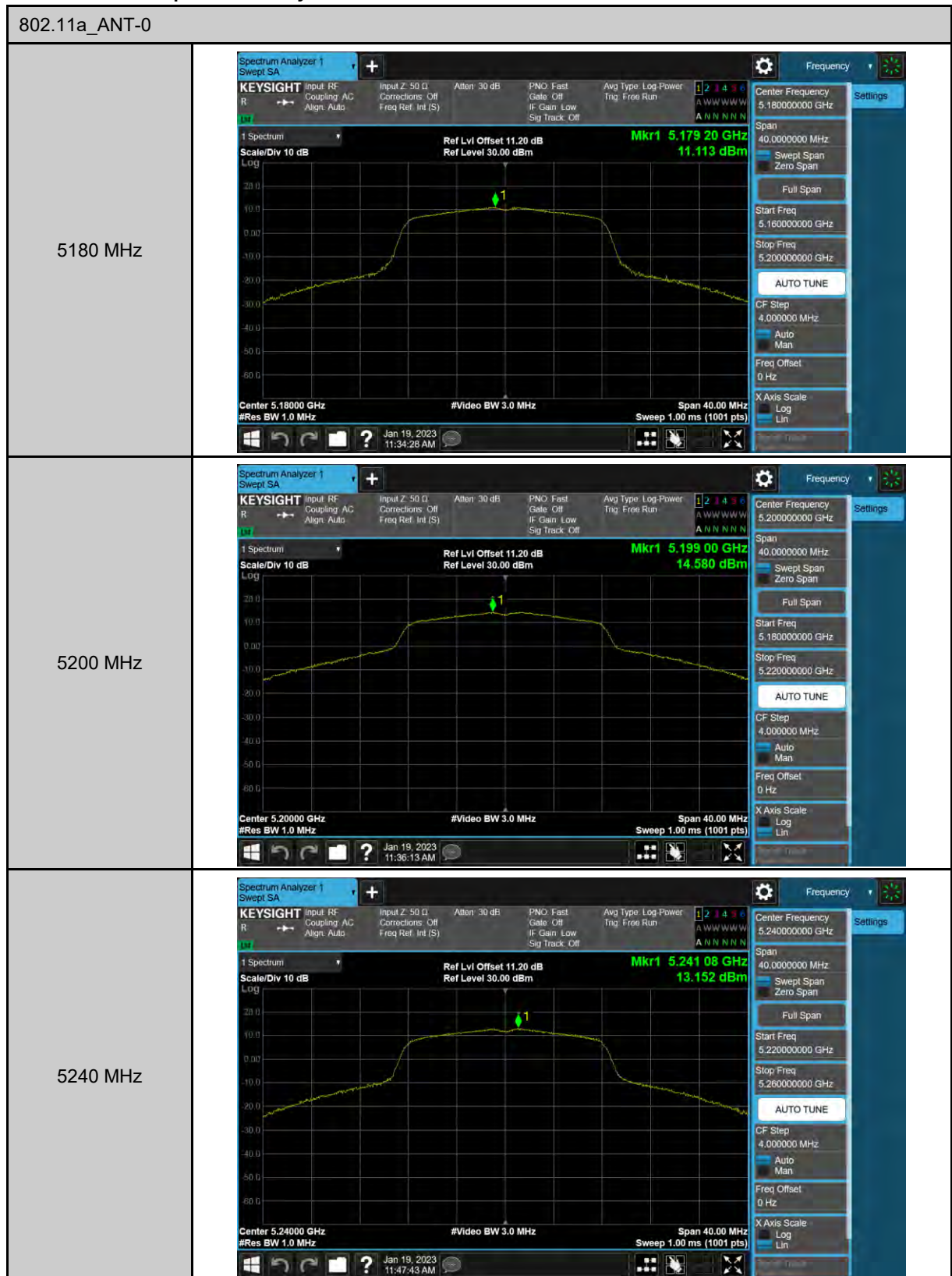

802.11ax HE40

On+off time

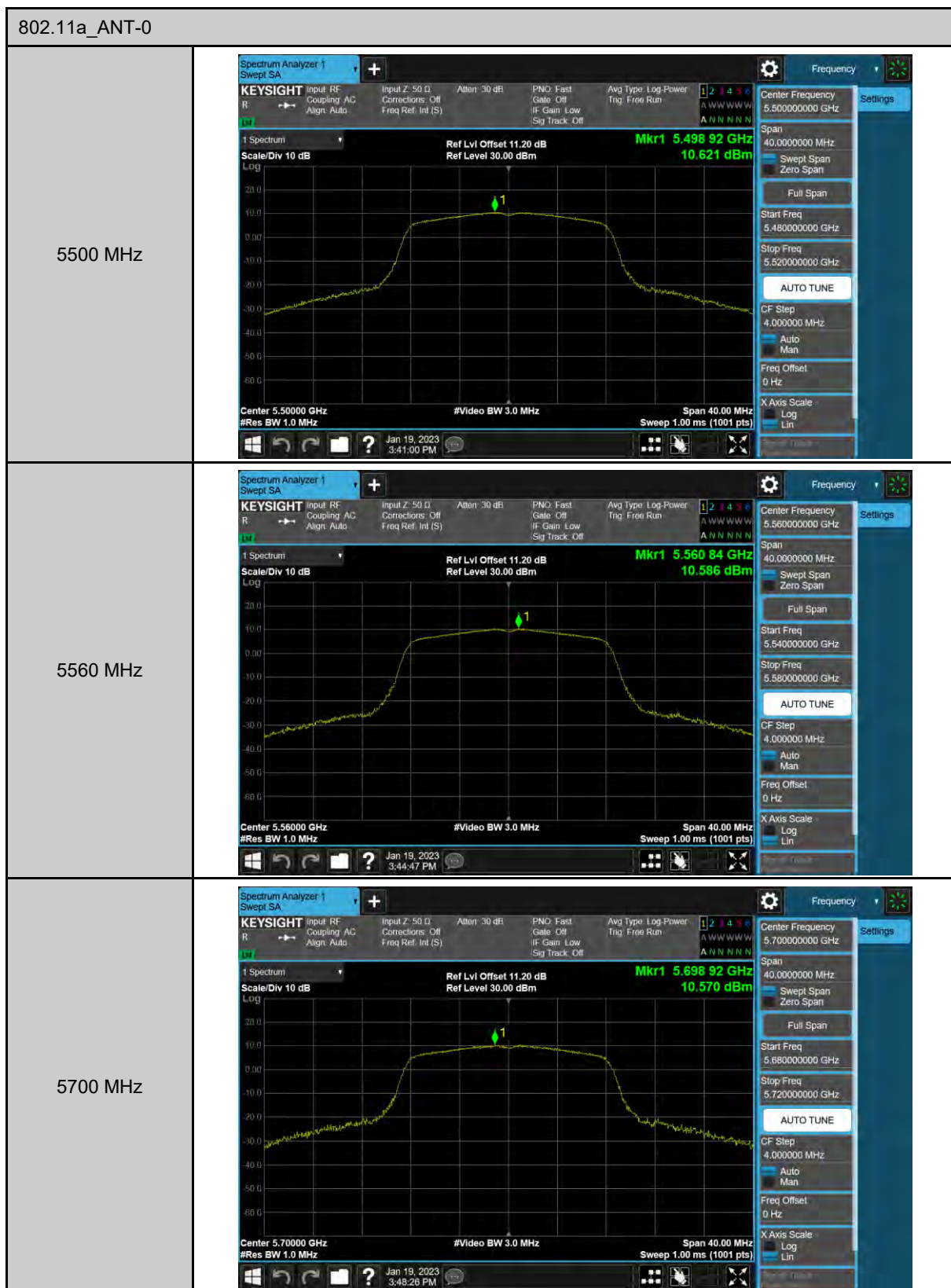




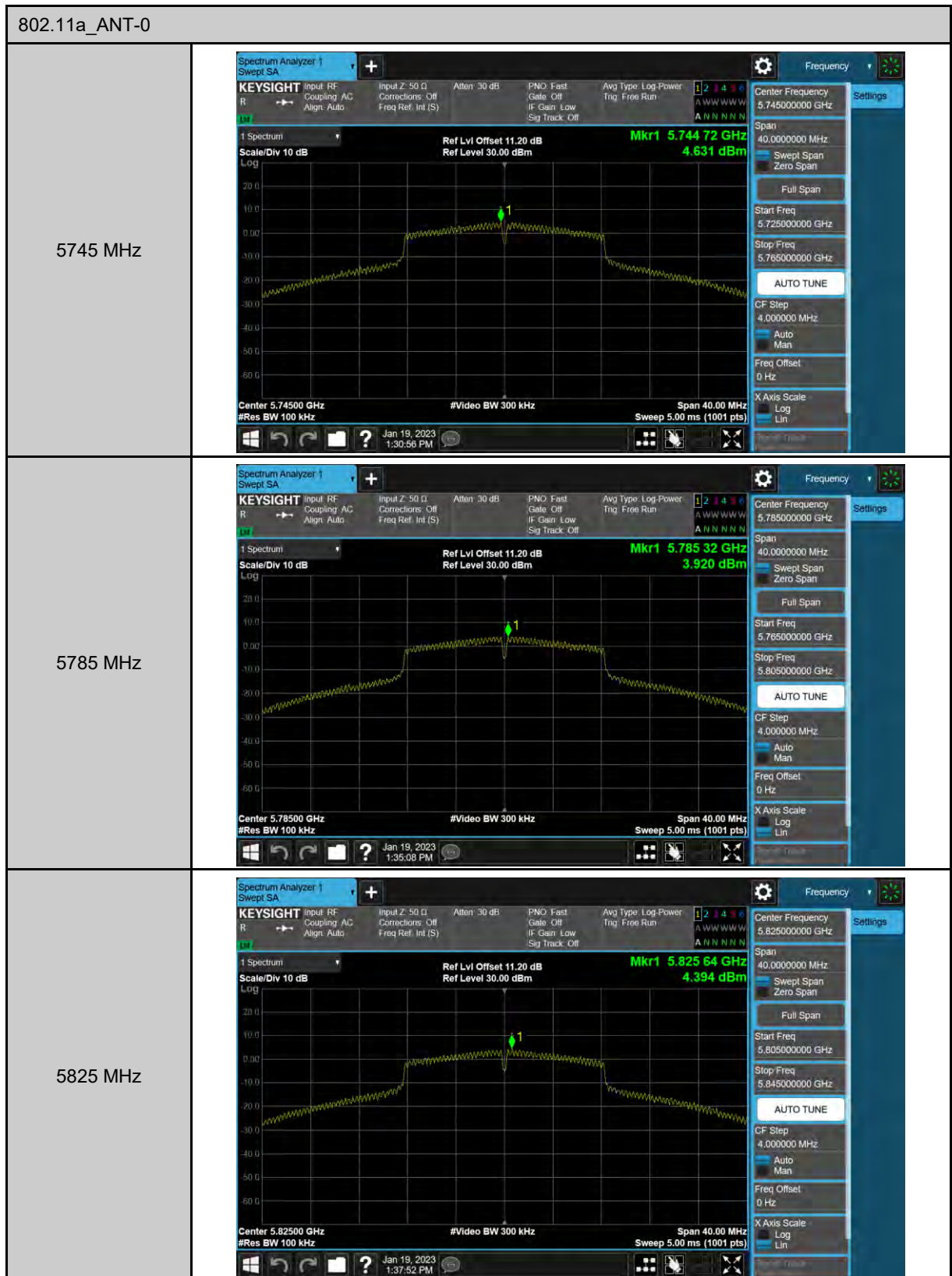
Maximum Power Spectral Density



802.11a_ANT-0	
5280 MHz	
5320 MHz	





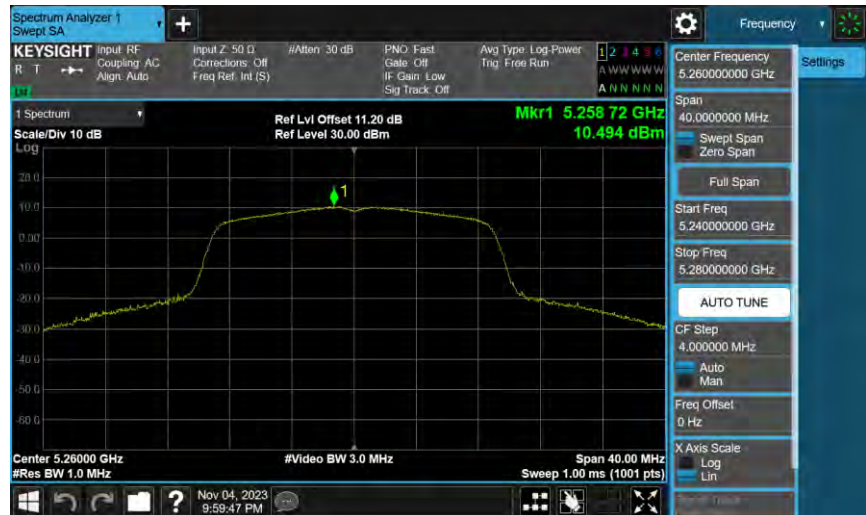


802.11ac VHT20_ANT-0



802.11ac VHT20_ANT-0

5260 MHz



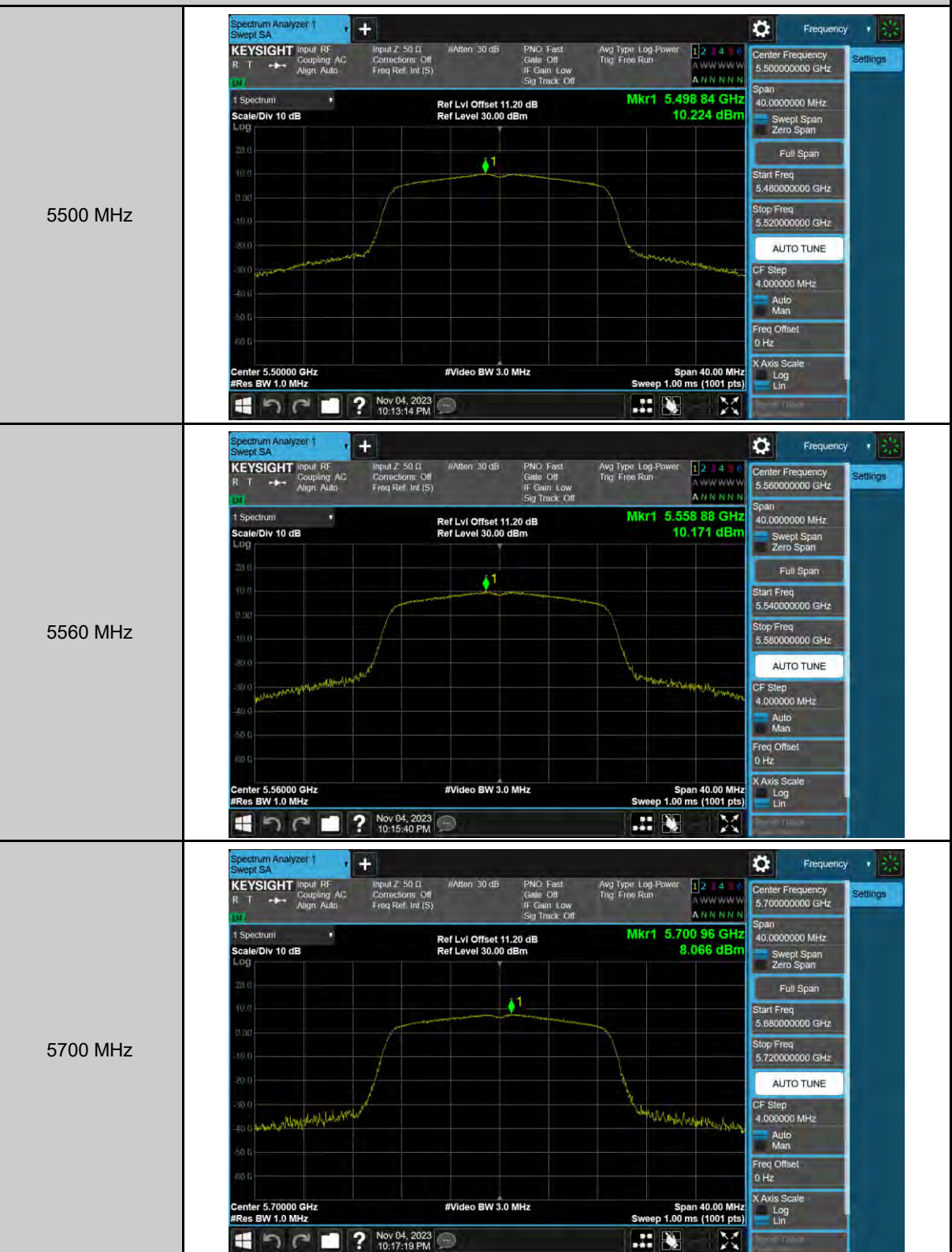
5280 MHz



5320 MHz



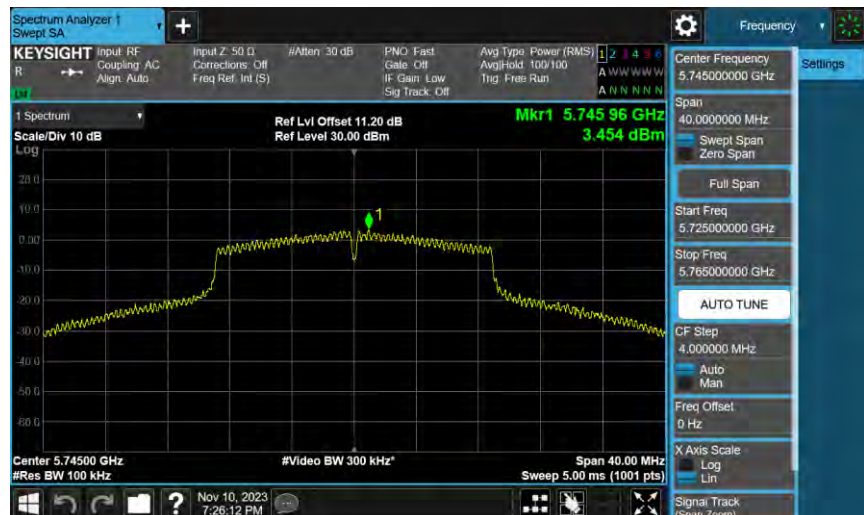
802.11ac VHT20_ANT-0





802.11ac VHT20_ANT-0

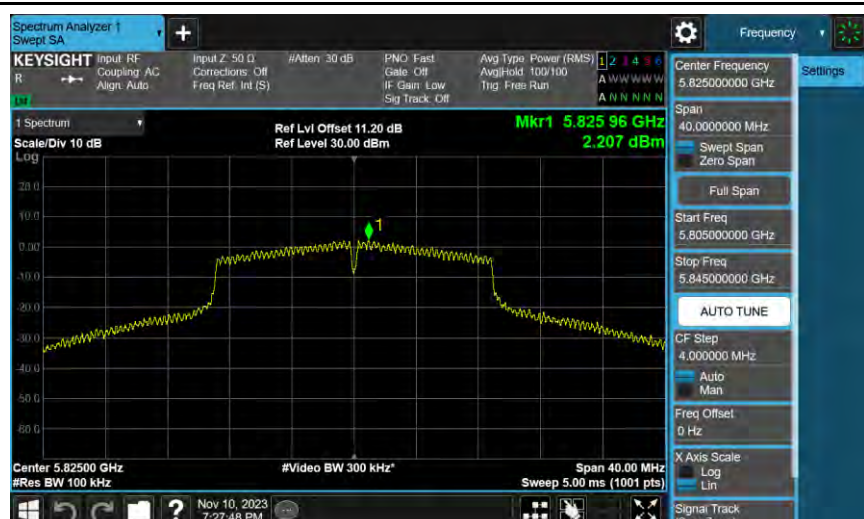
5745 MHz



5785 MHz

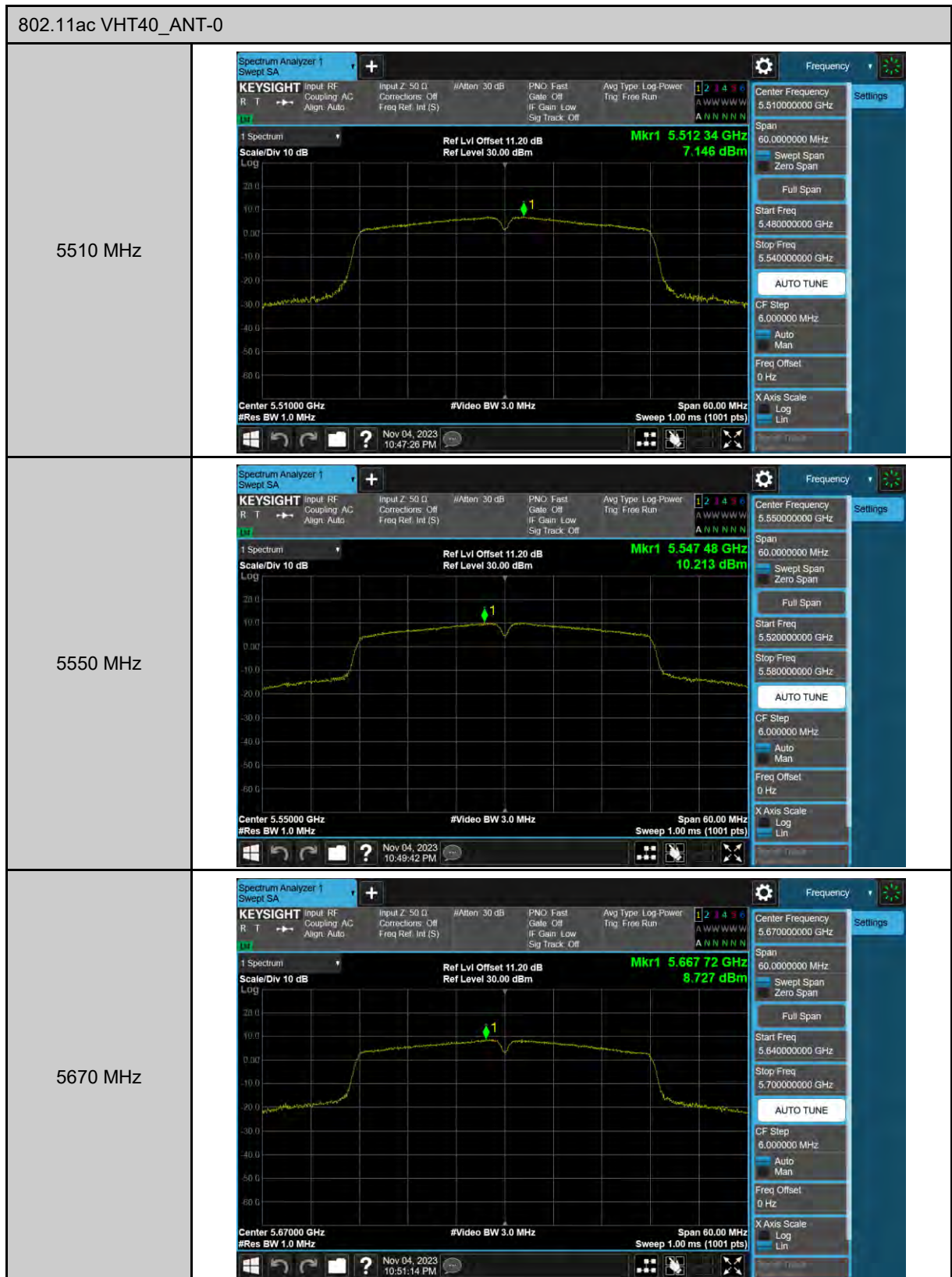


5825 MHz













802.11ac VHT80_ANT-0

5210 MHz



5290 MHz



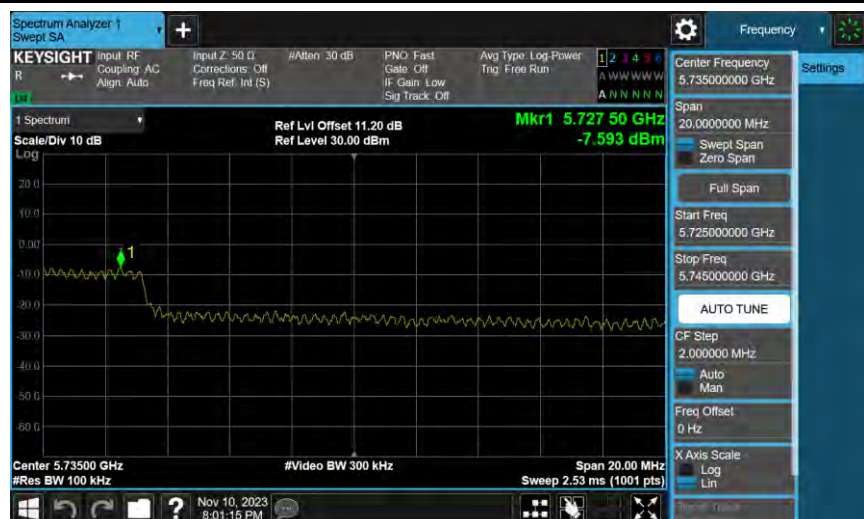


802.11ac VHT80_ANT-0

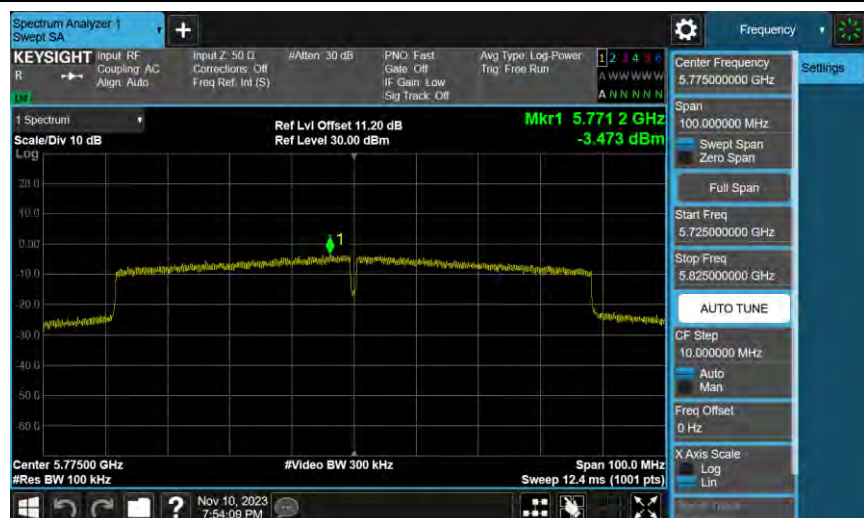
5690 MHz



5690 MHz



5775 MHz



802.11ax HE20_ANT-0

5180 MHz

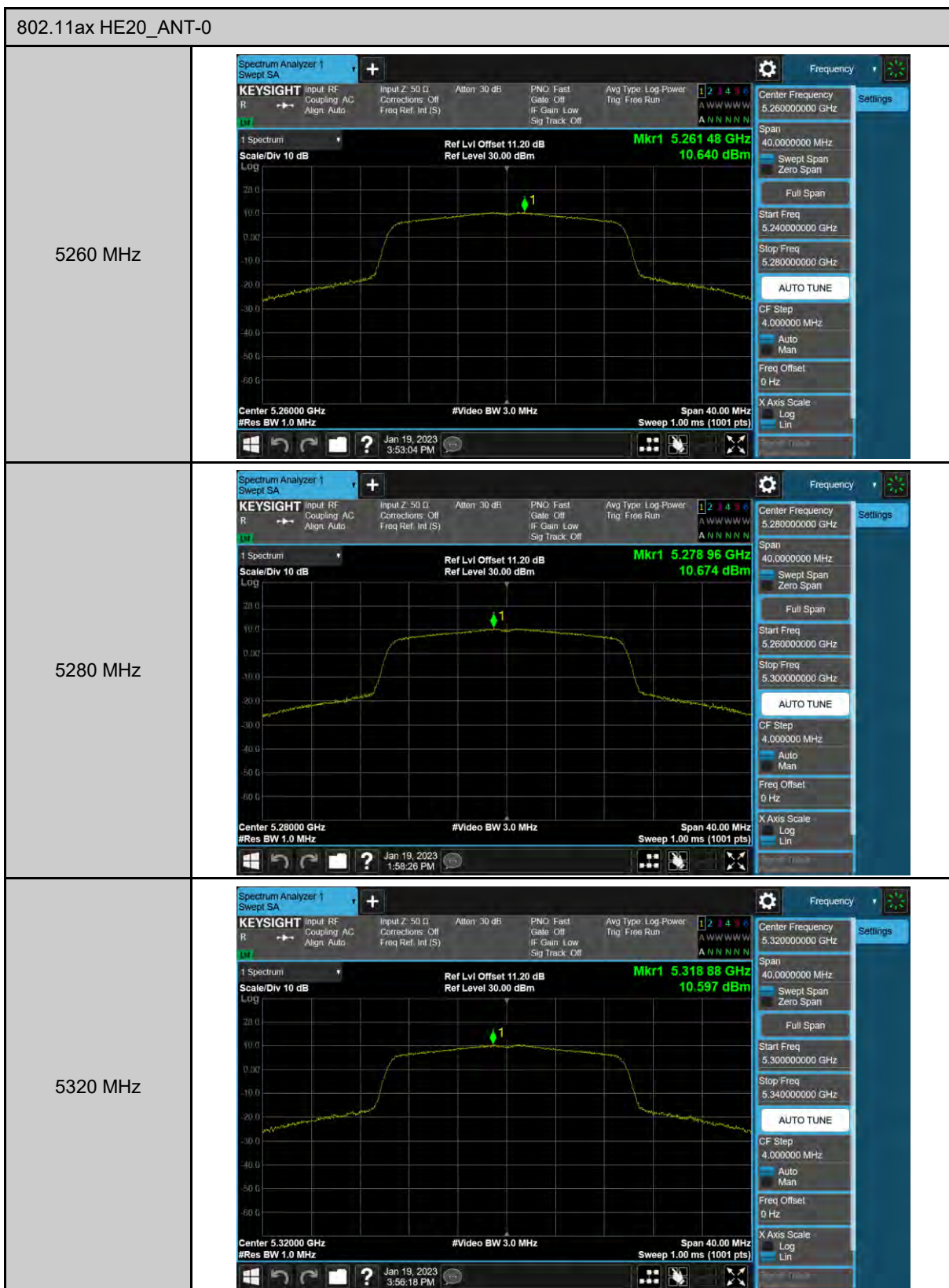


5200 MHz



5240 MHz



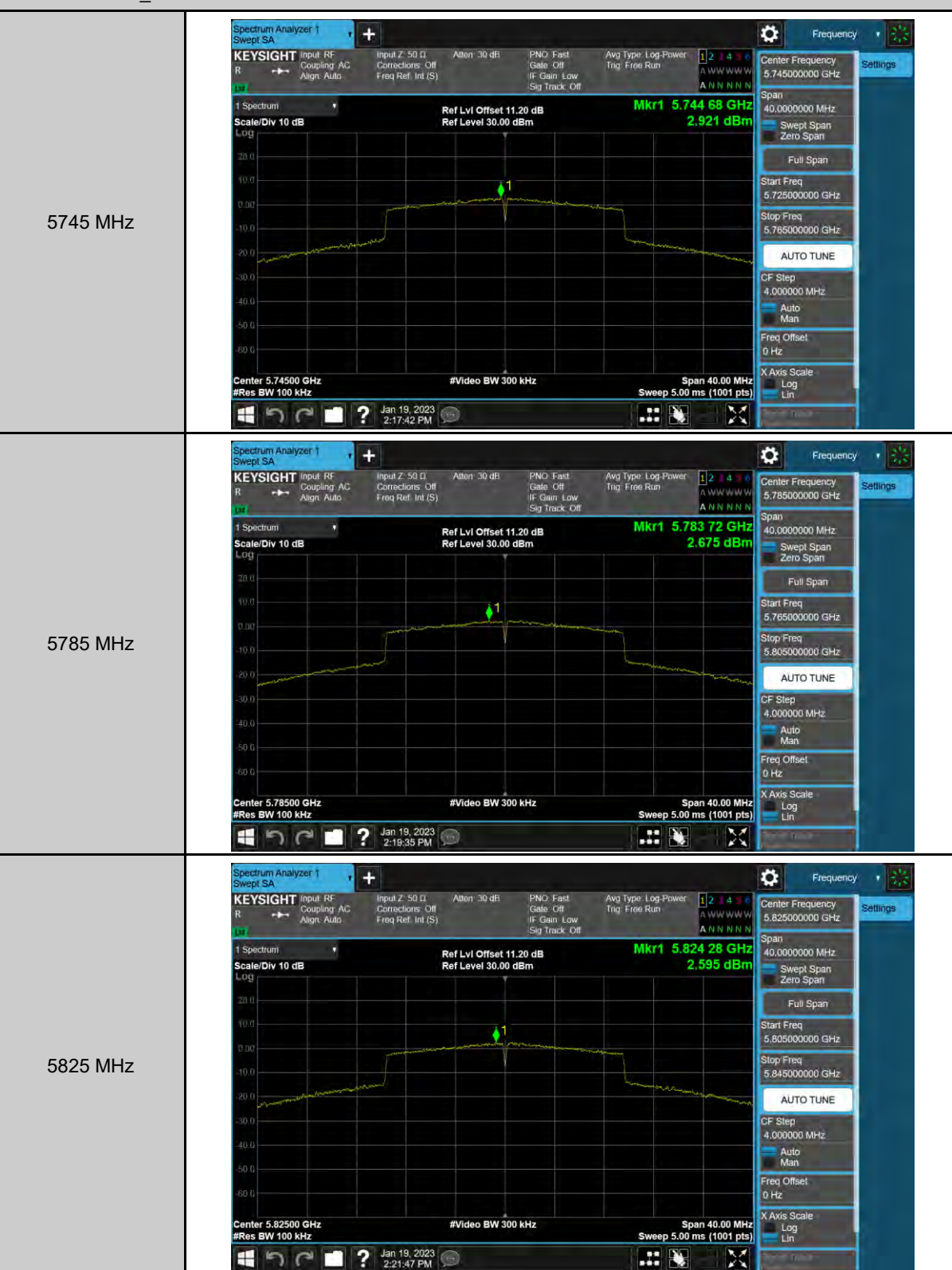


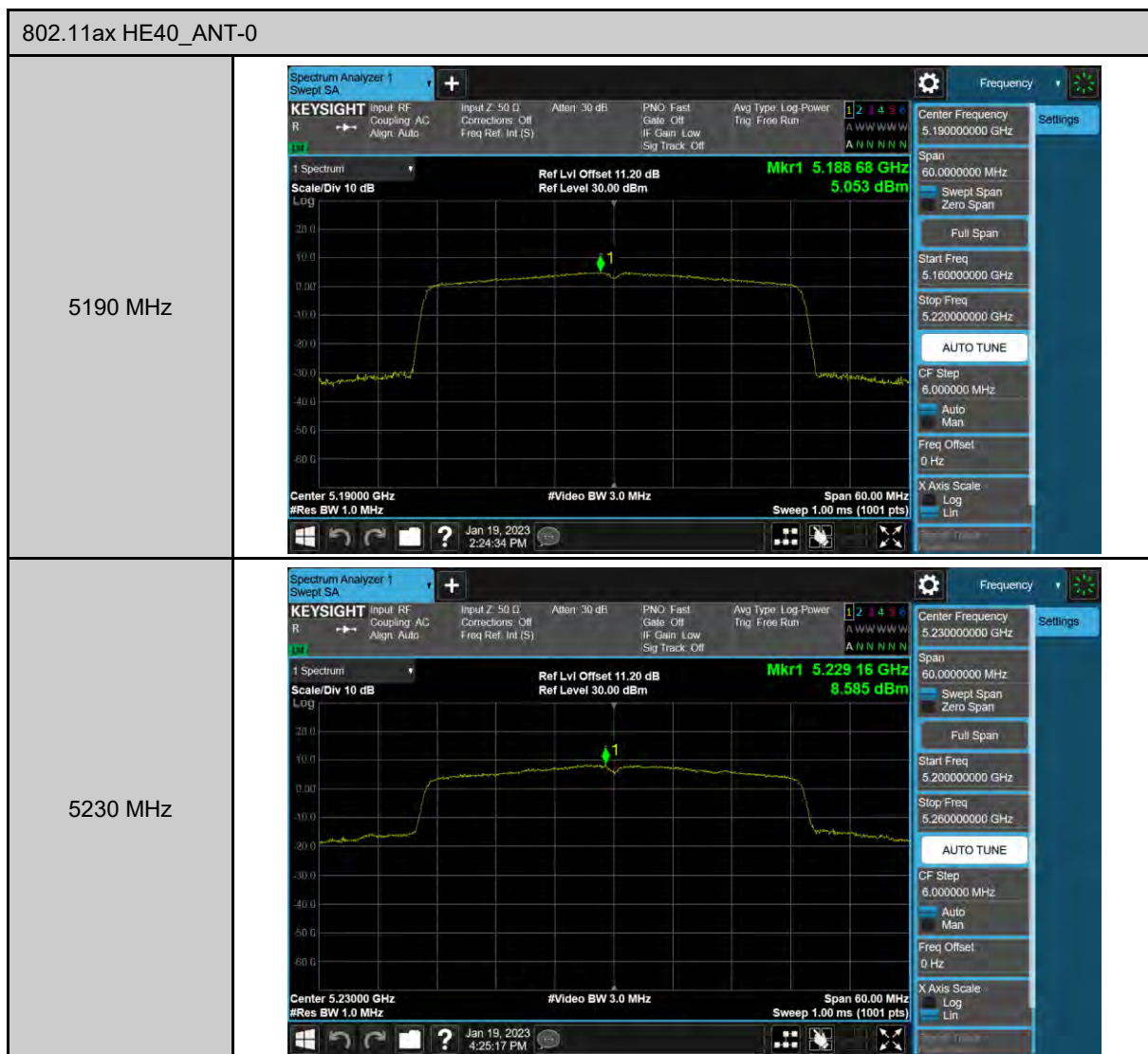
802.11ax HE20_ANT-0

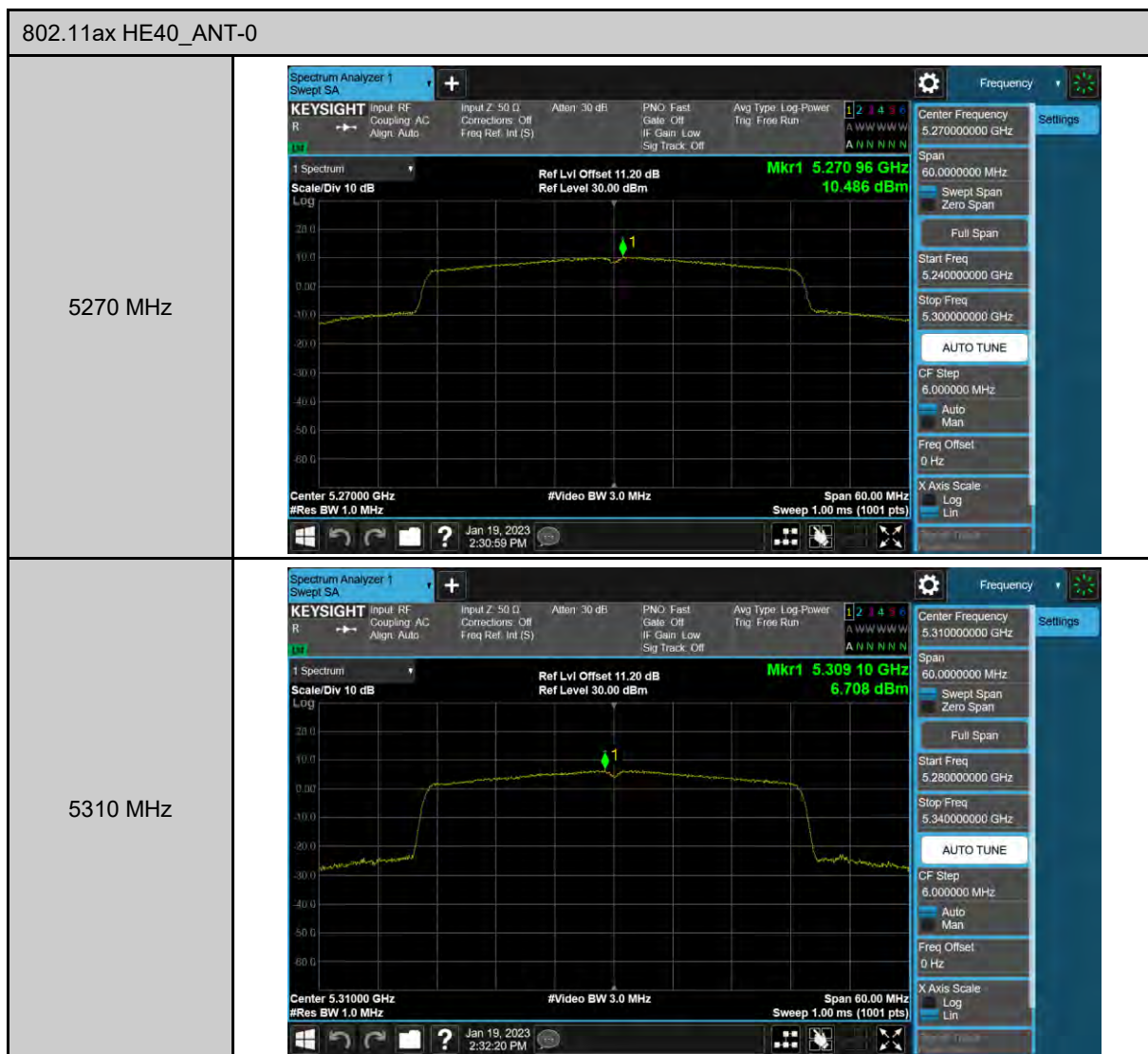


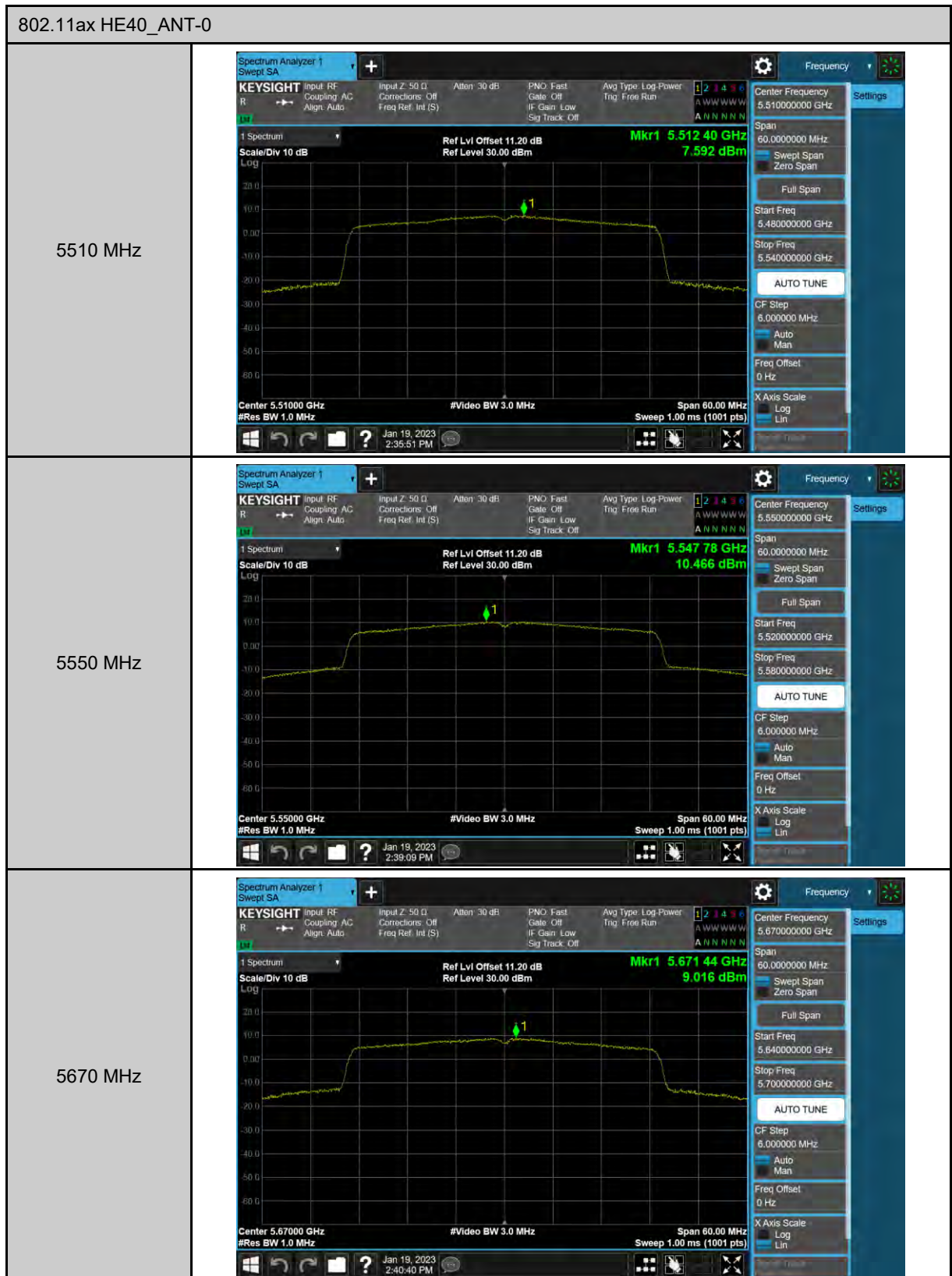


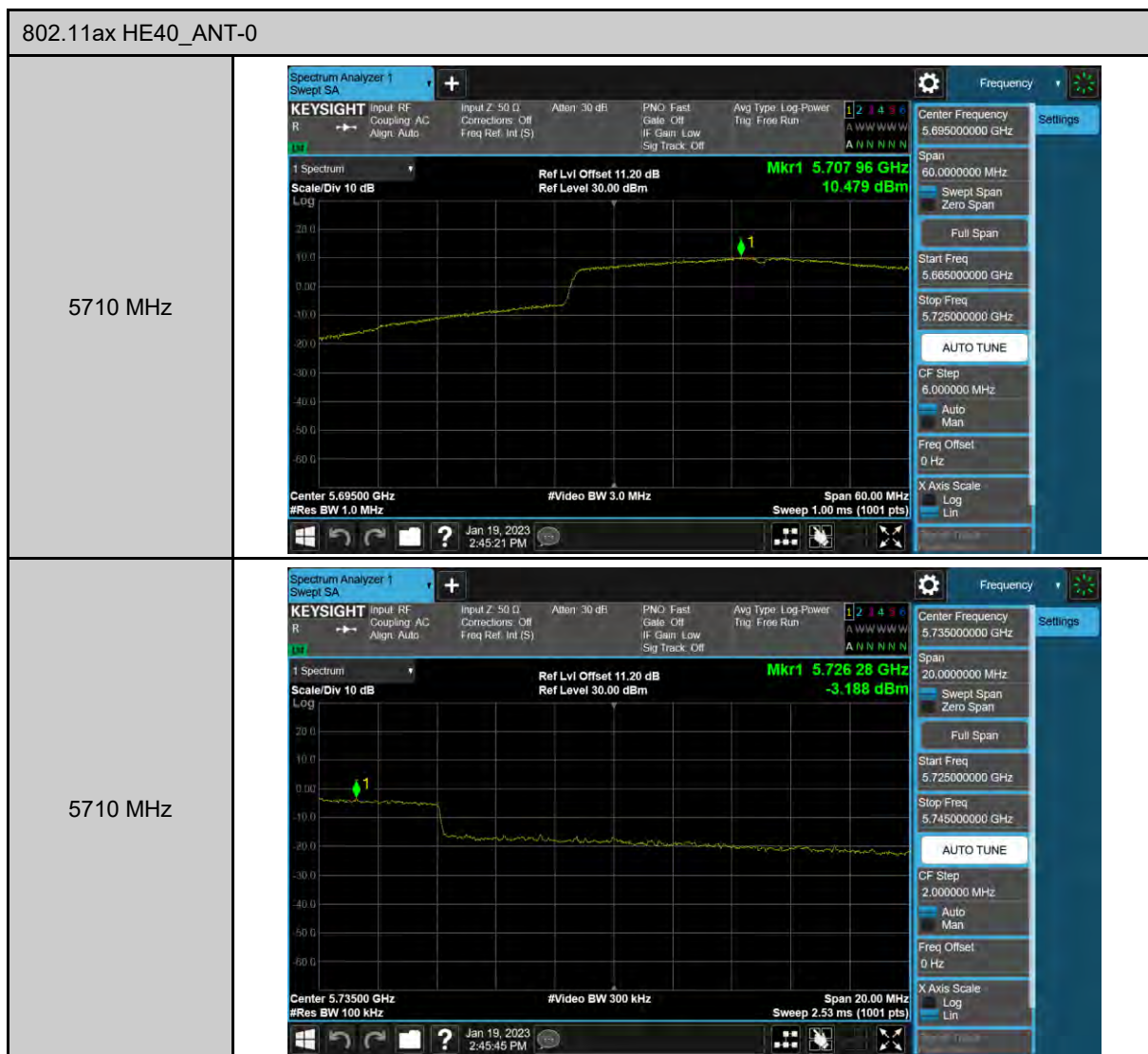
802.11ax HE20_ANT-0

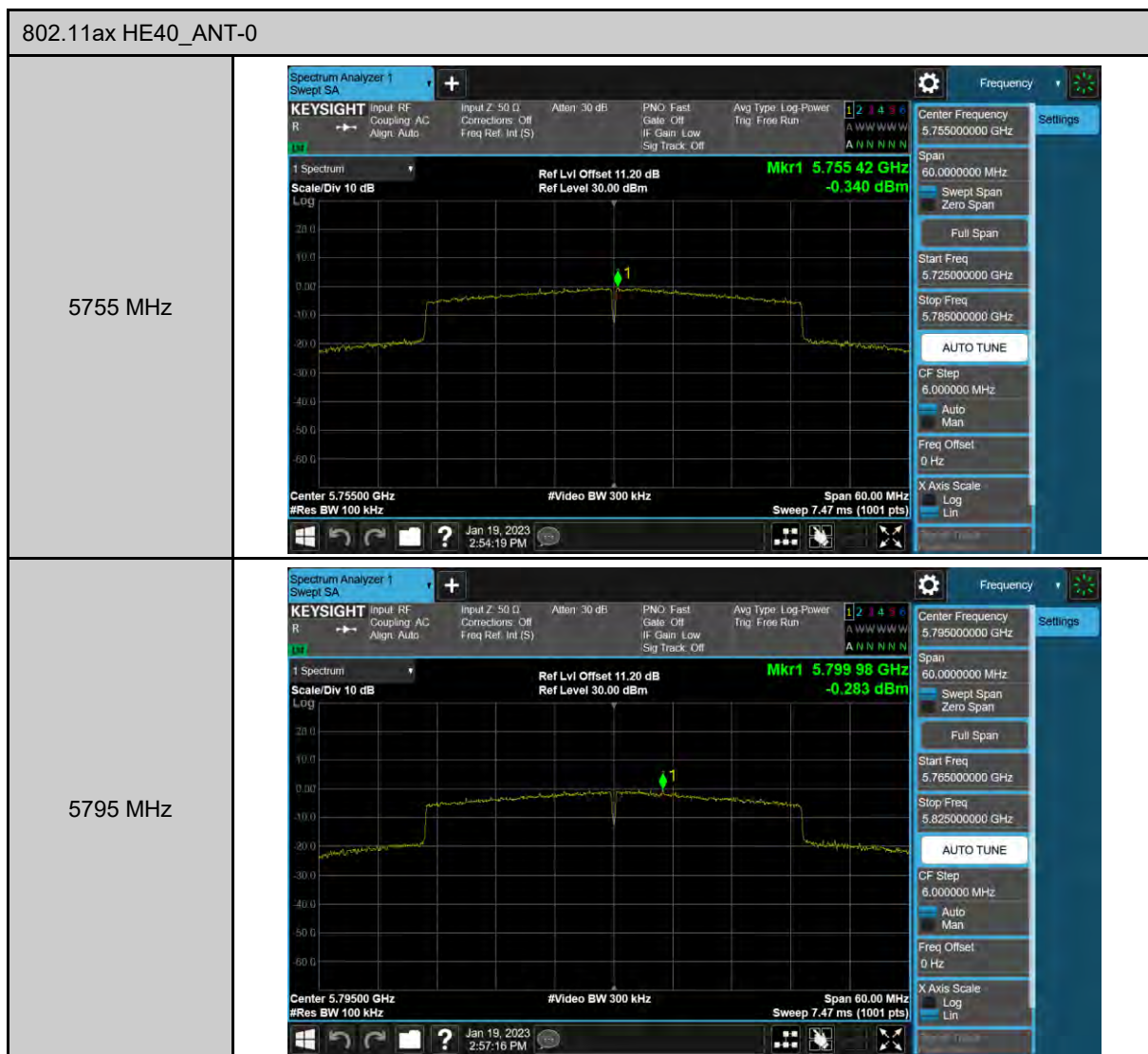












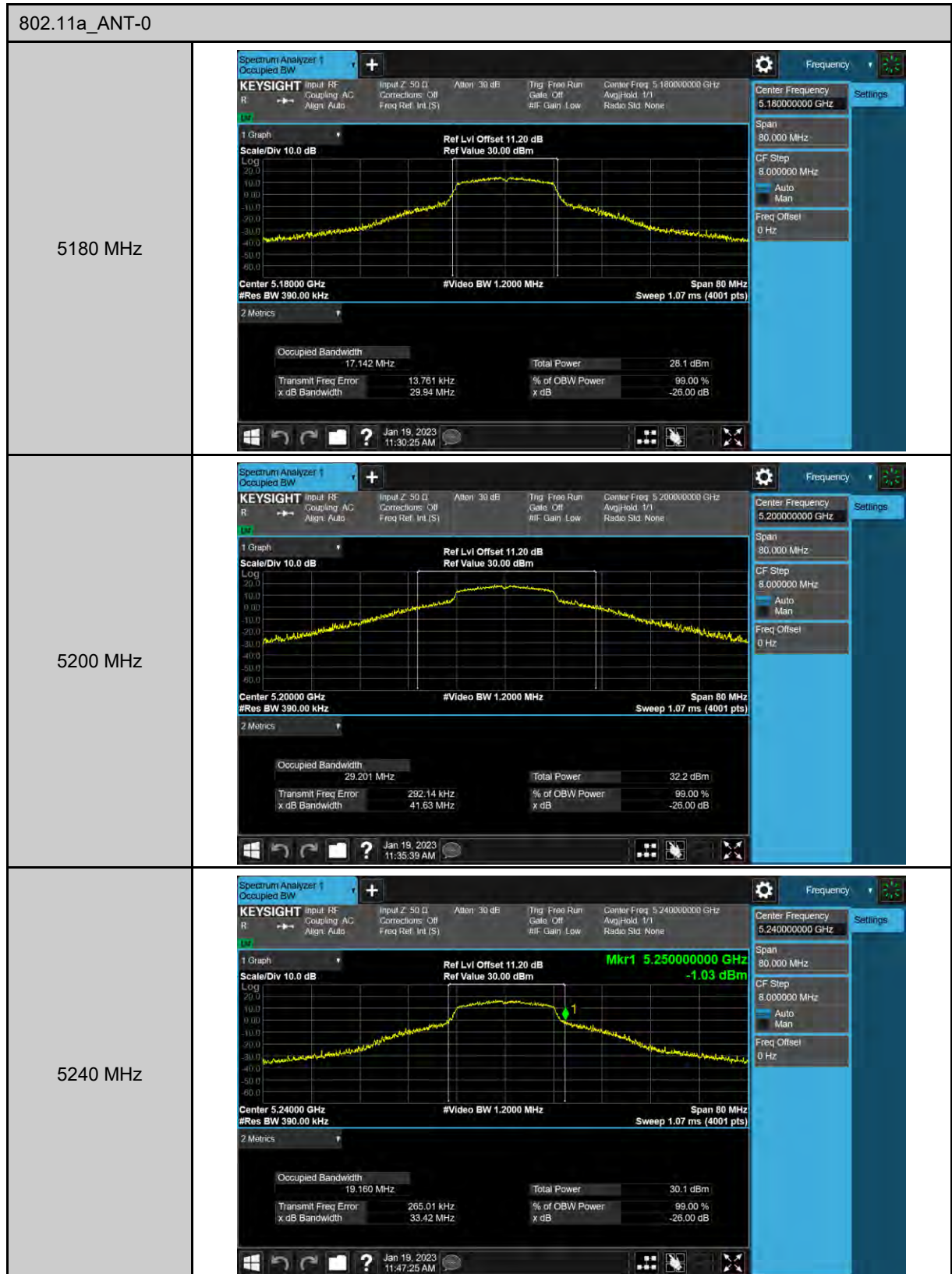


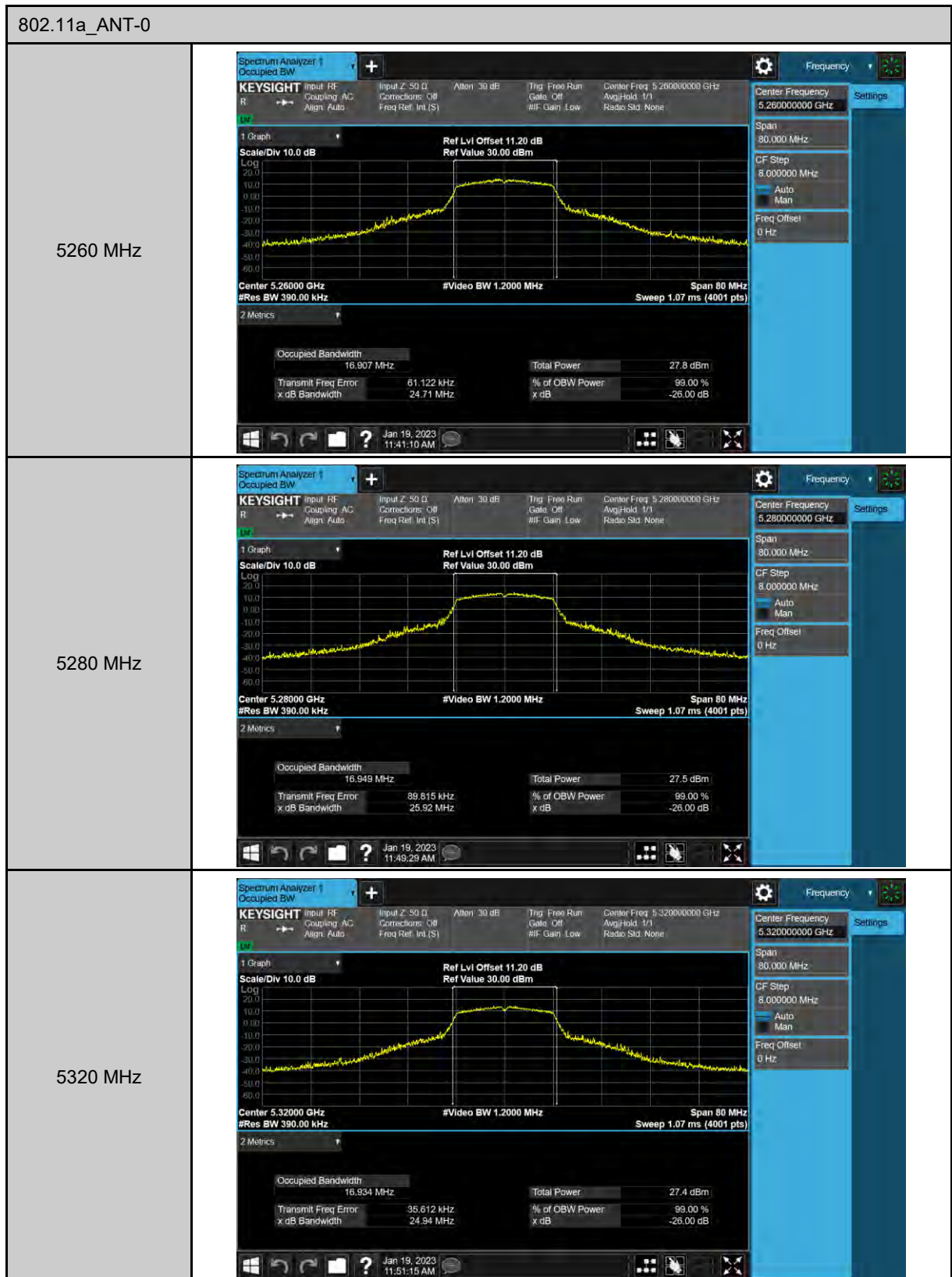


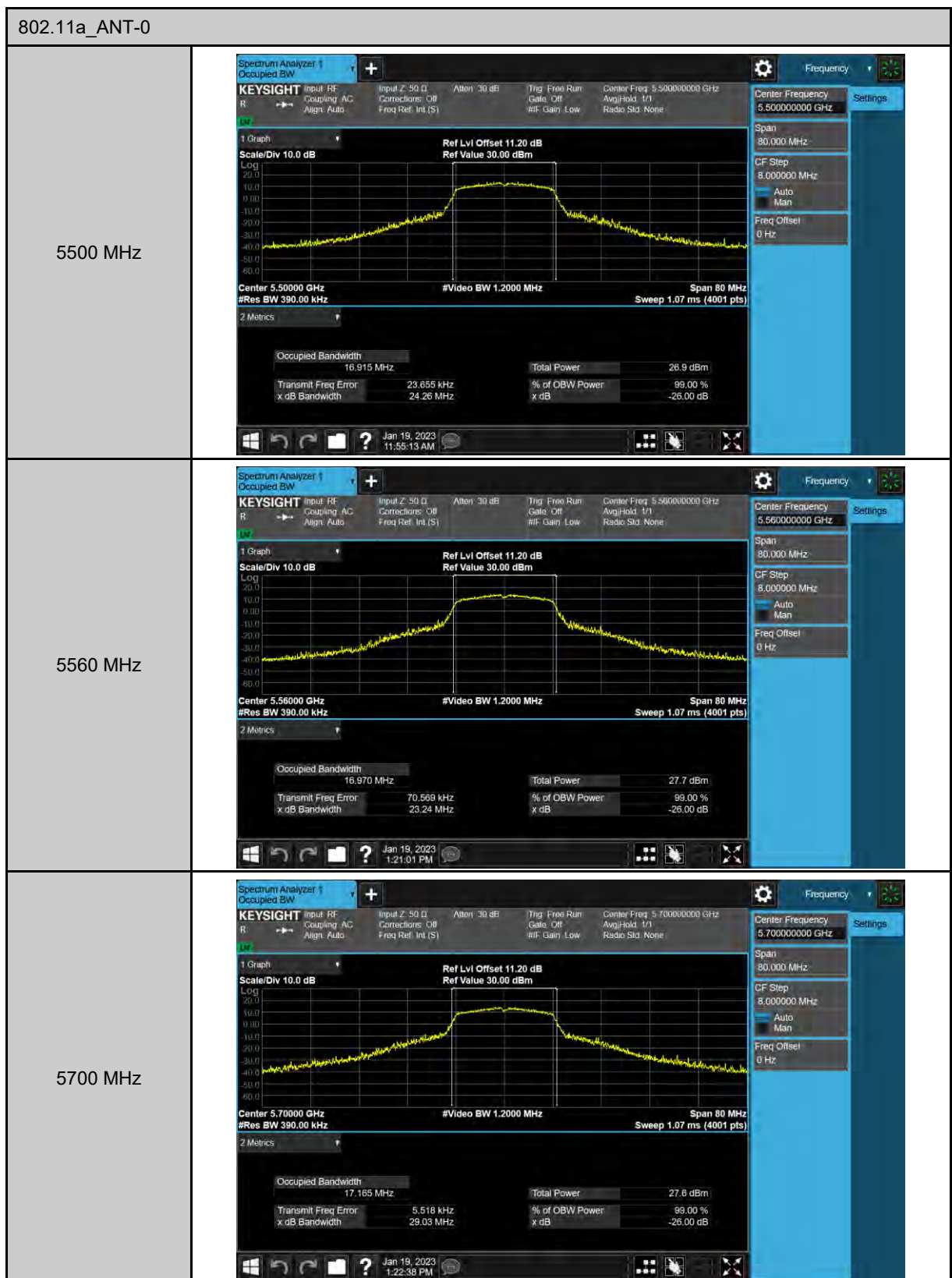
802.11ax HE80_ANT-0



26 dB Bandwidth & 99% Occupied Bandwidth









802.11ac VHT20_ANT-0

5180 MHz



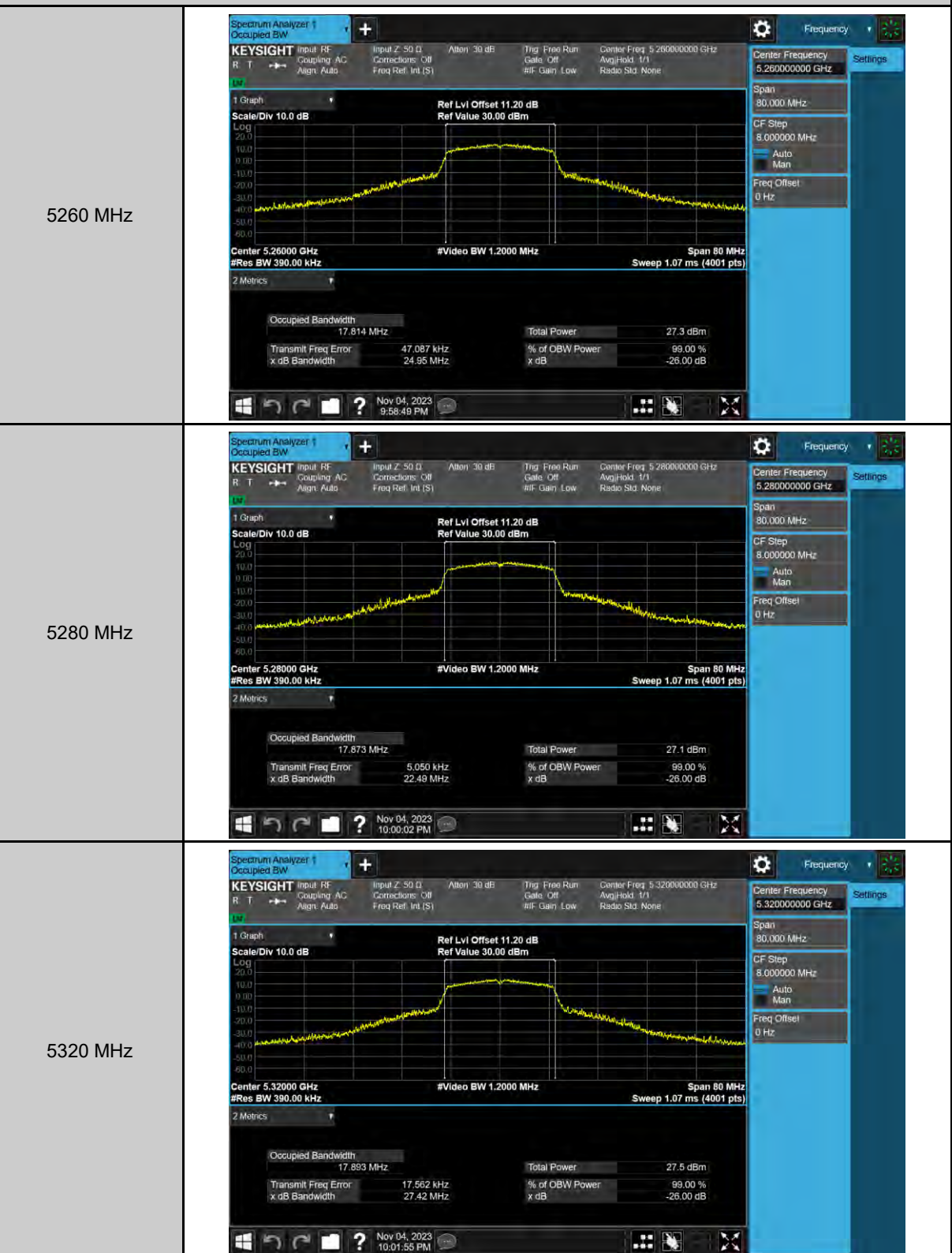
5200 MHz

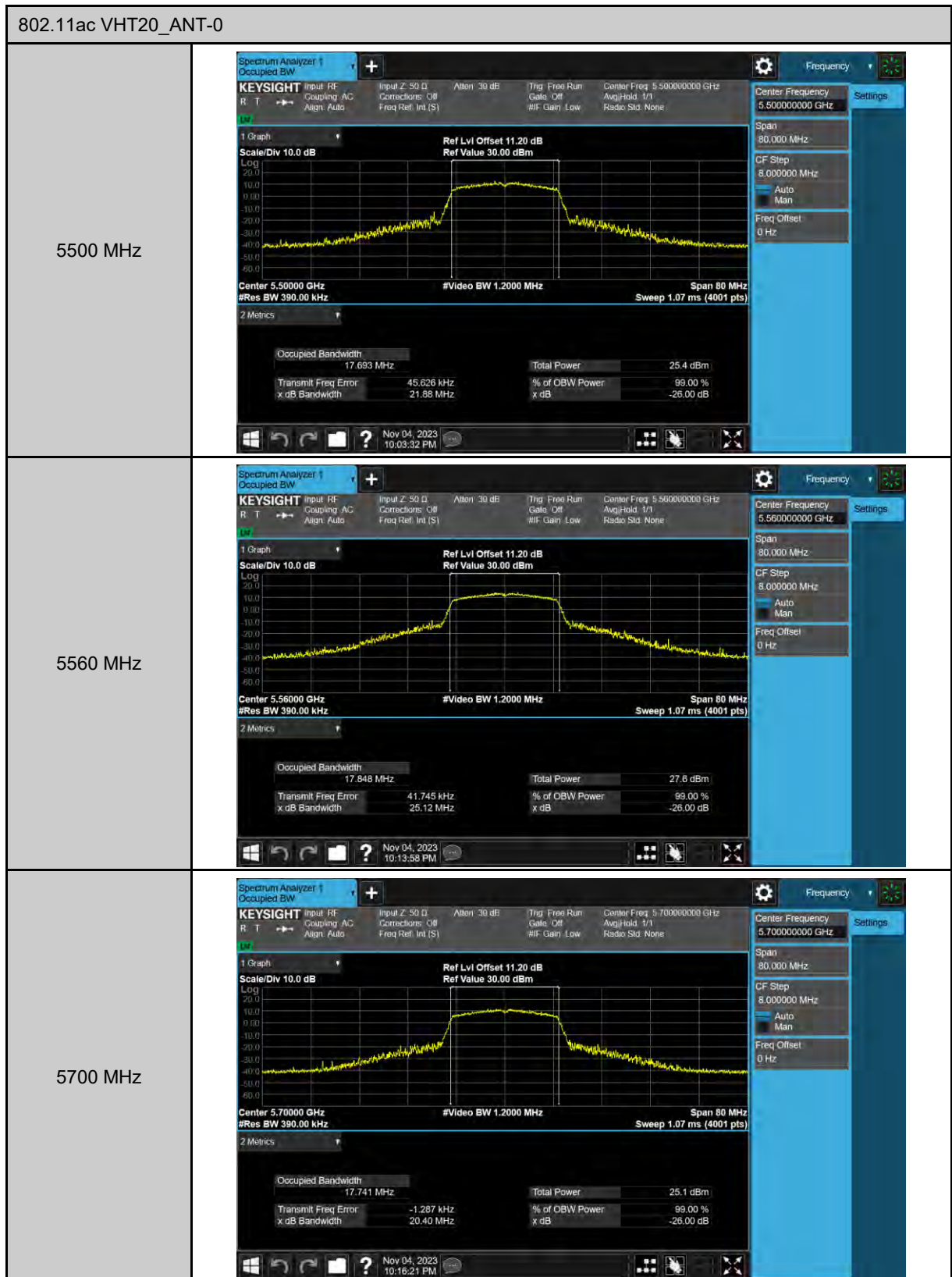


5240 MHz



802.11ac VHT20_ANT-0







802.11ac VHT40_ANT-0

5190 MHz



5230 MHz



5270 MHz



802.11ac VHT40_ANT-0

5310 MHz

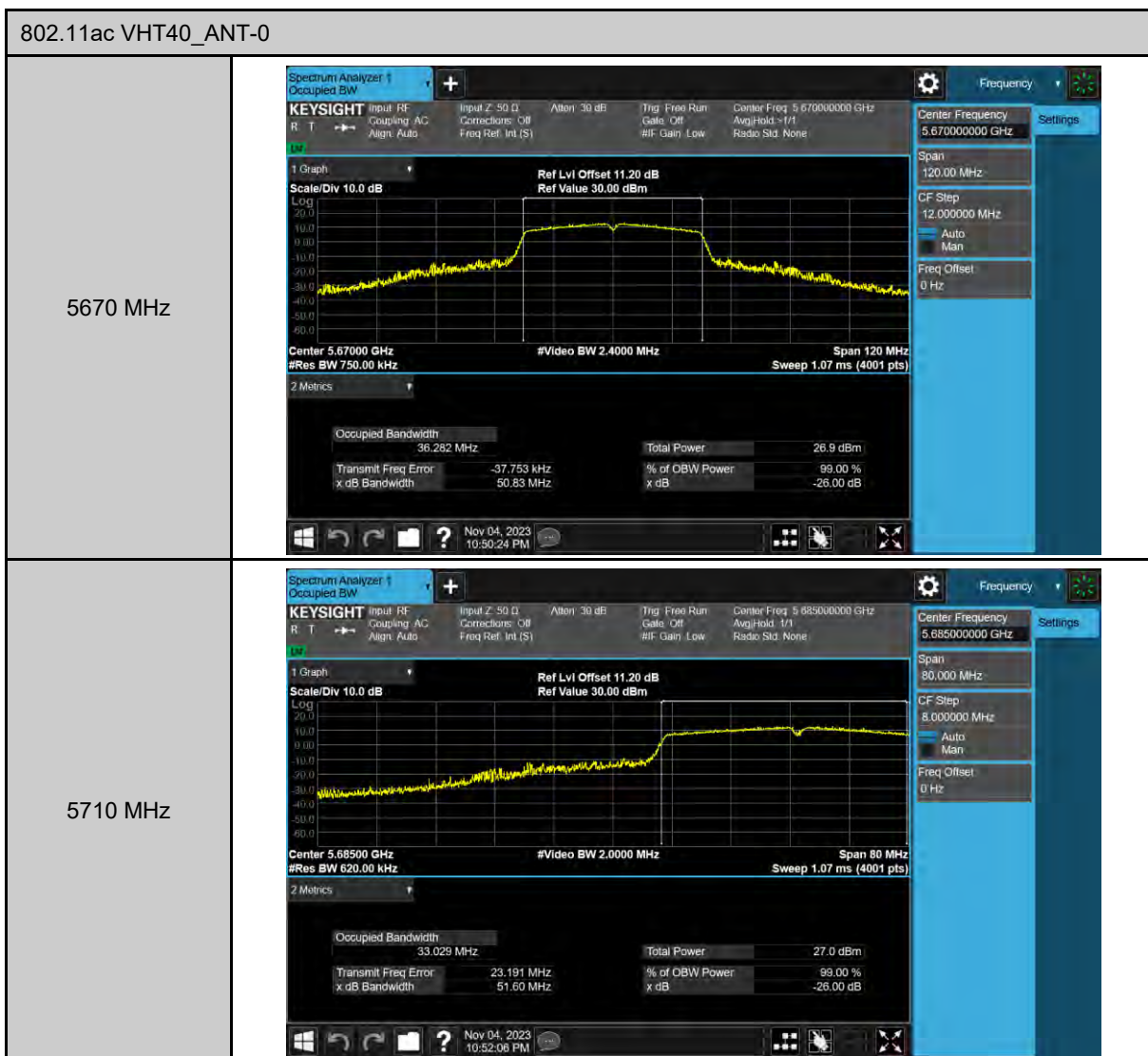


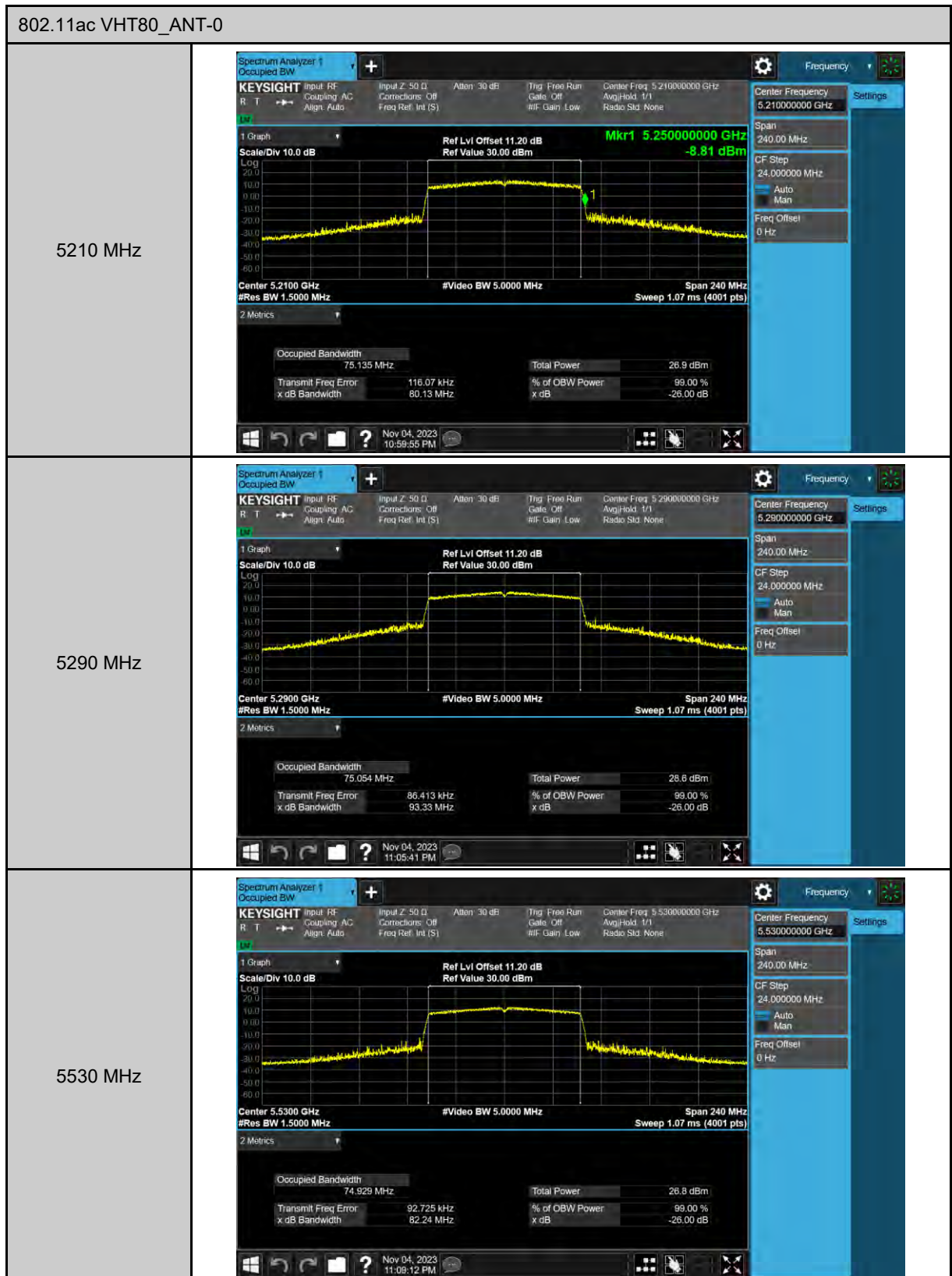
5510 MHz

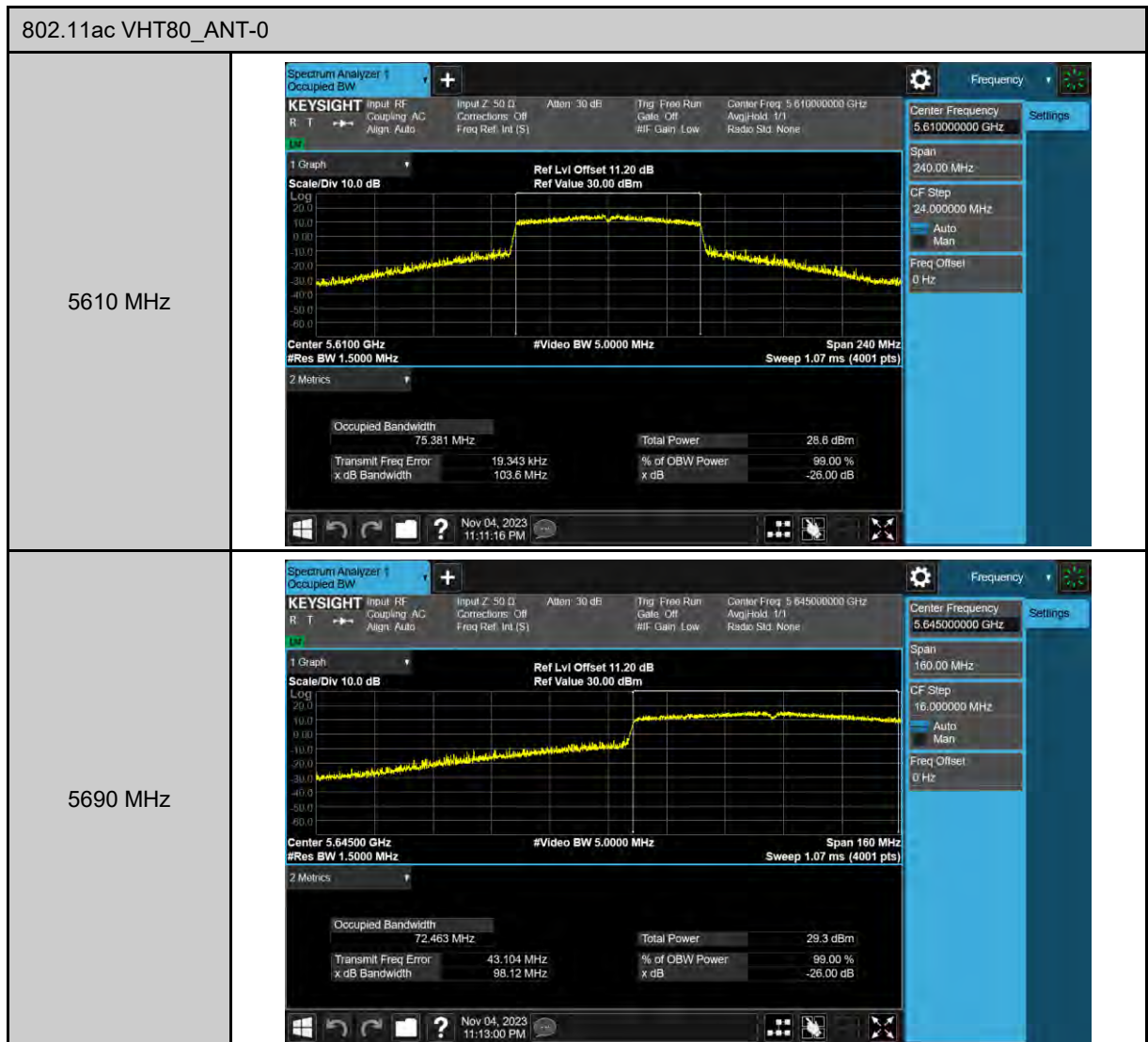


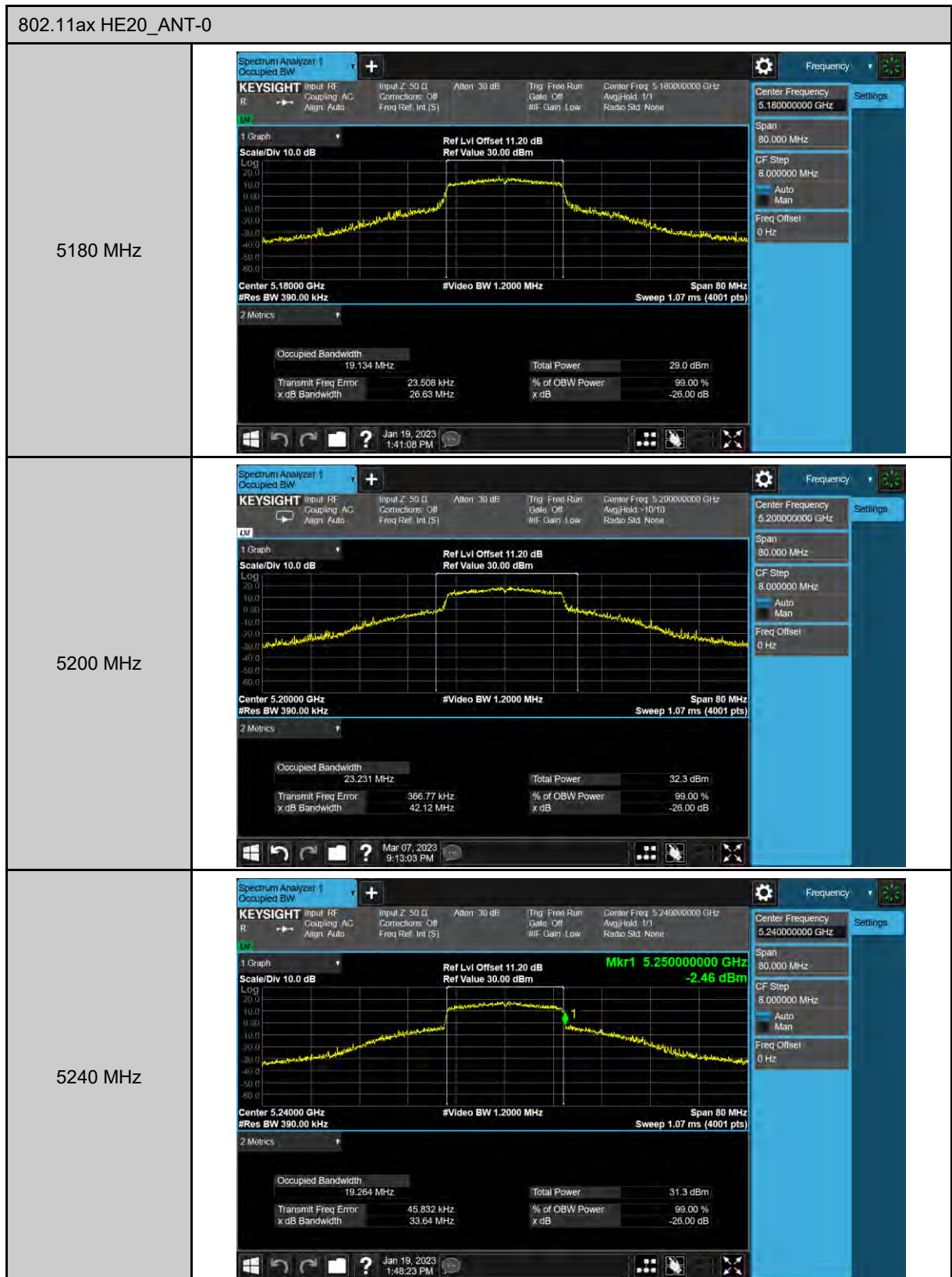
5550 MHz

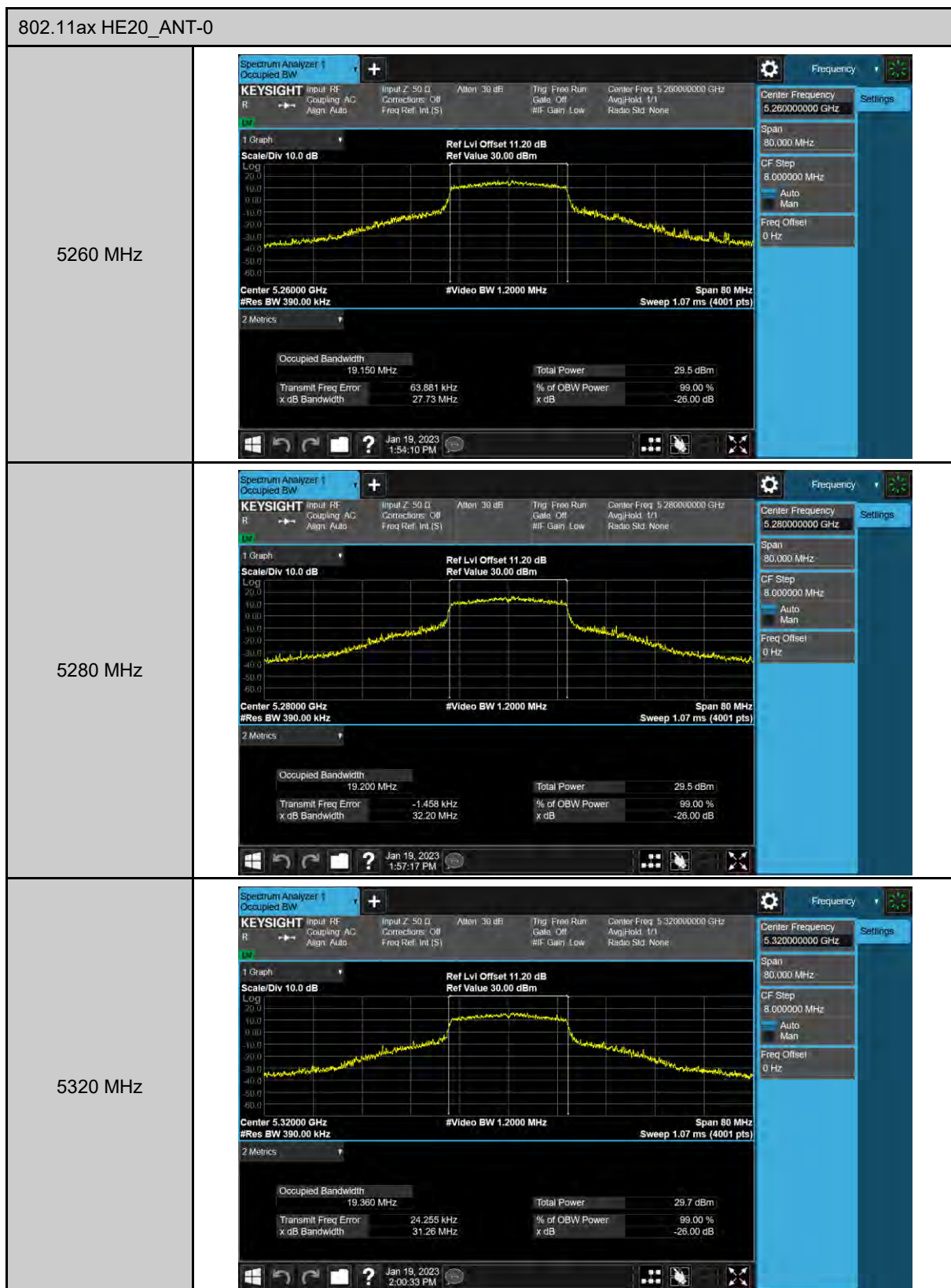


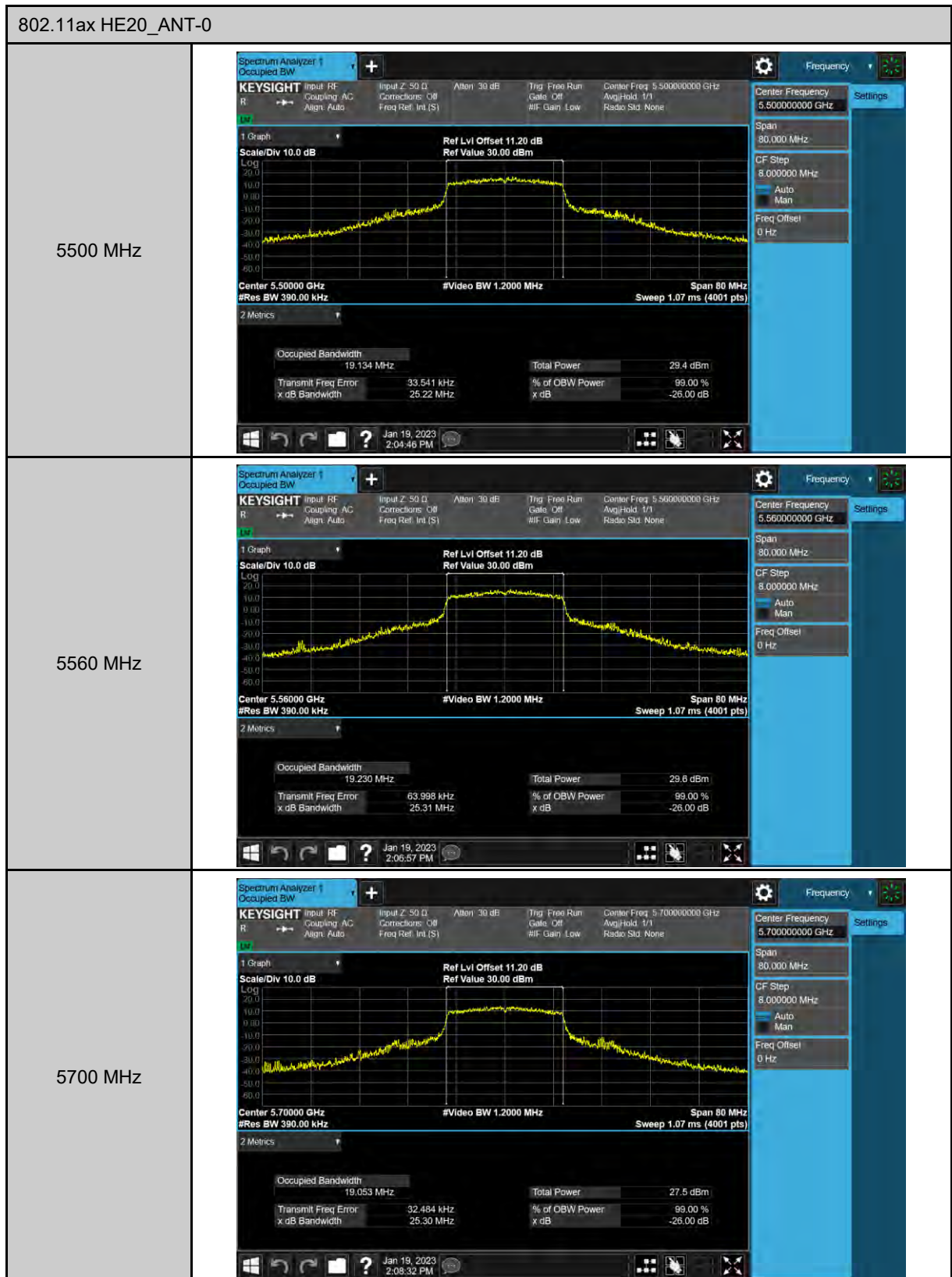




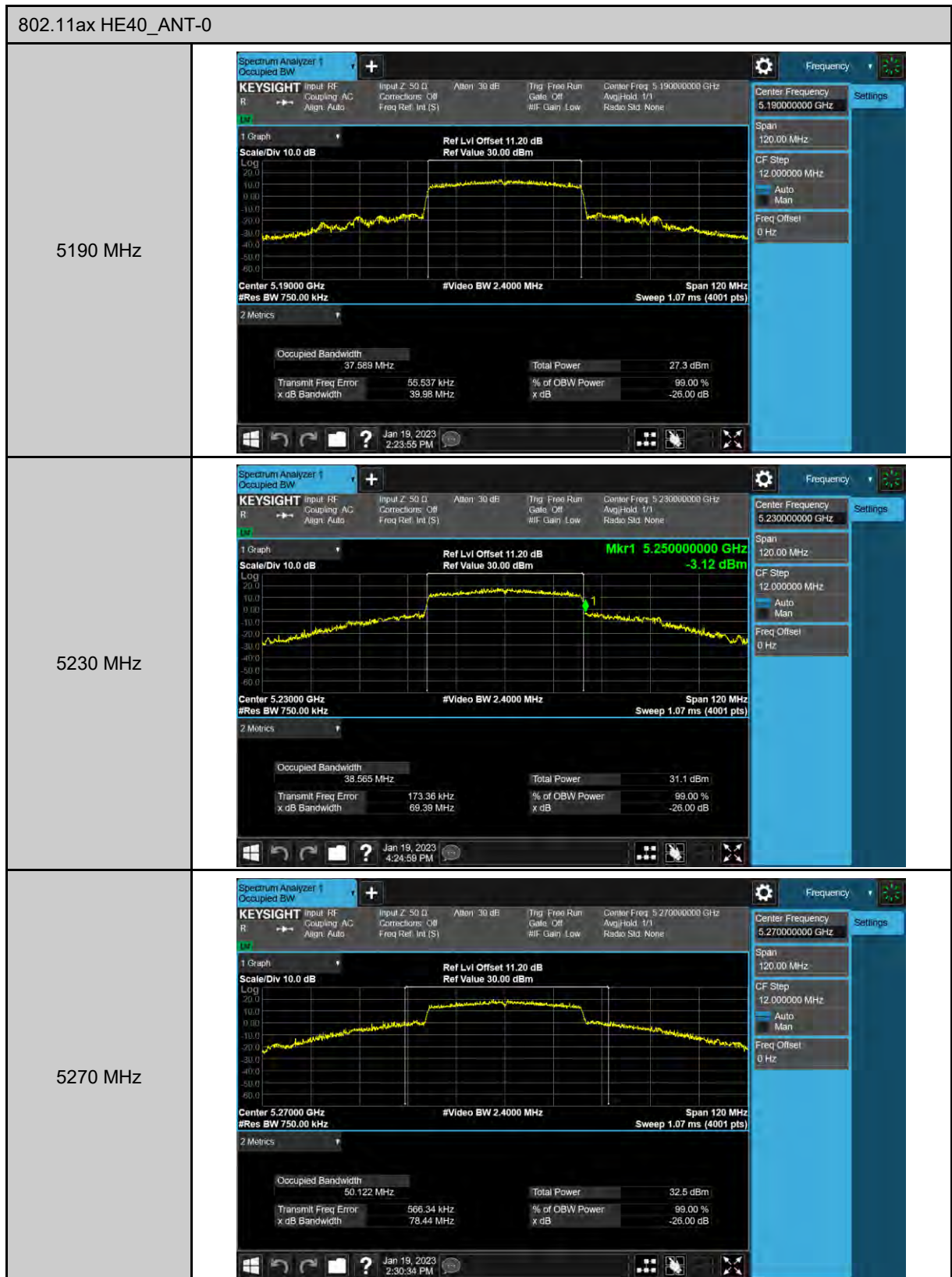












802.11ax HE40_ANT-0

5310 MHz

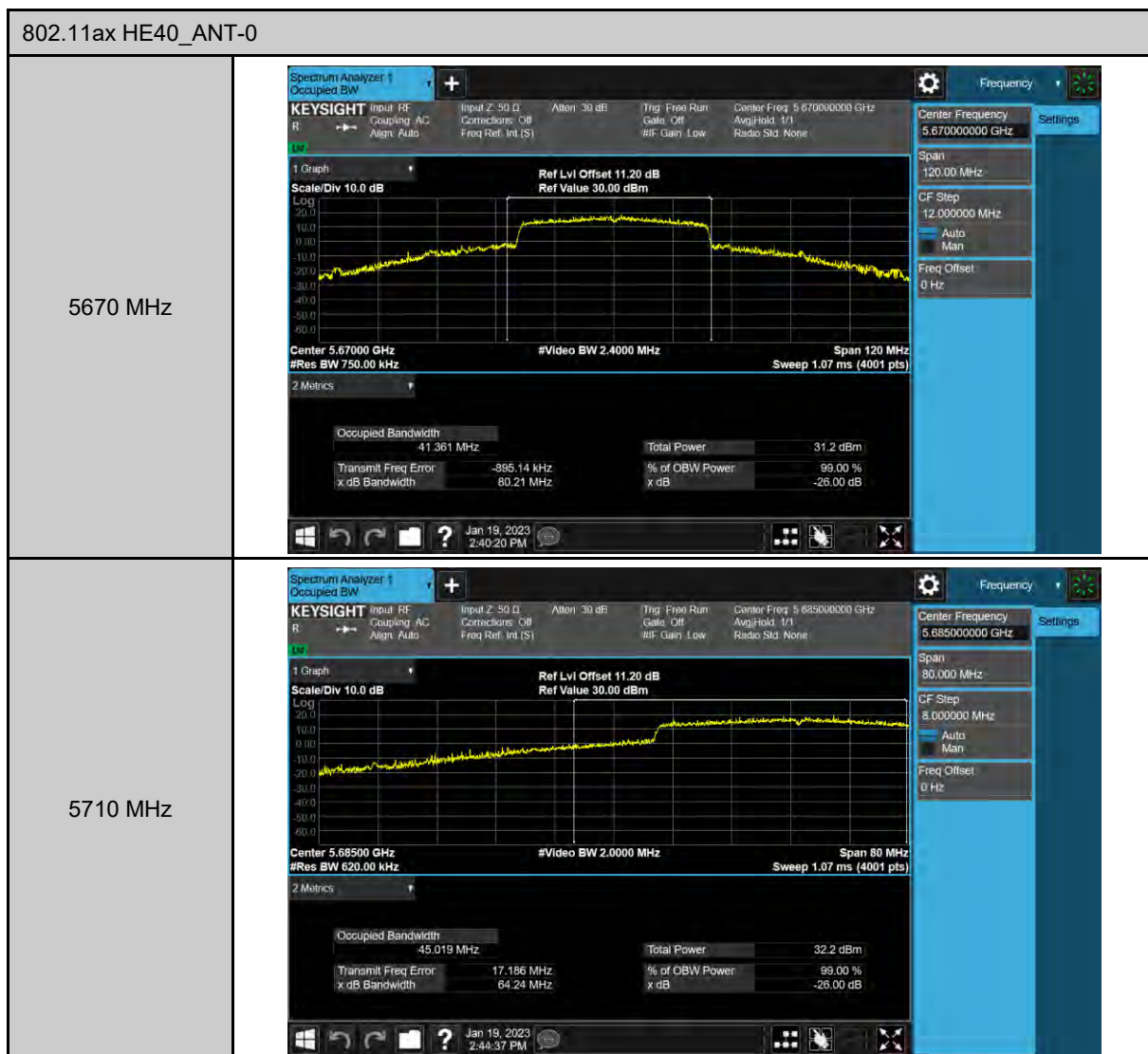


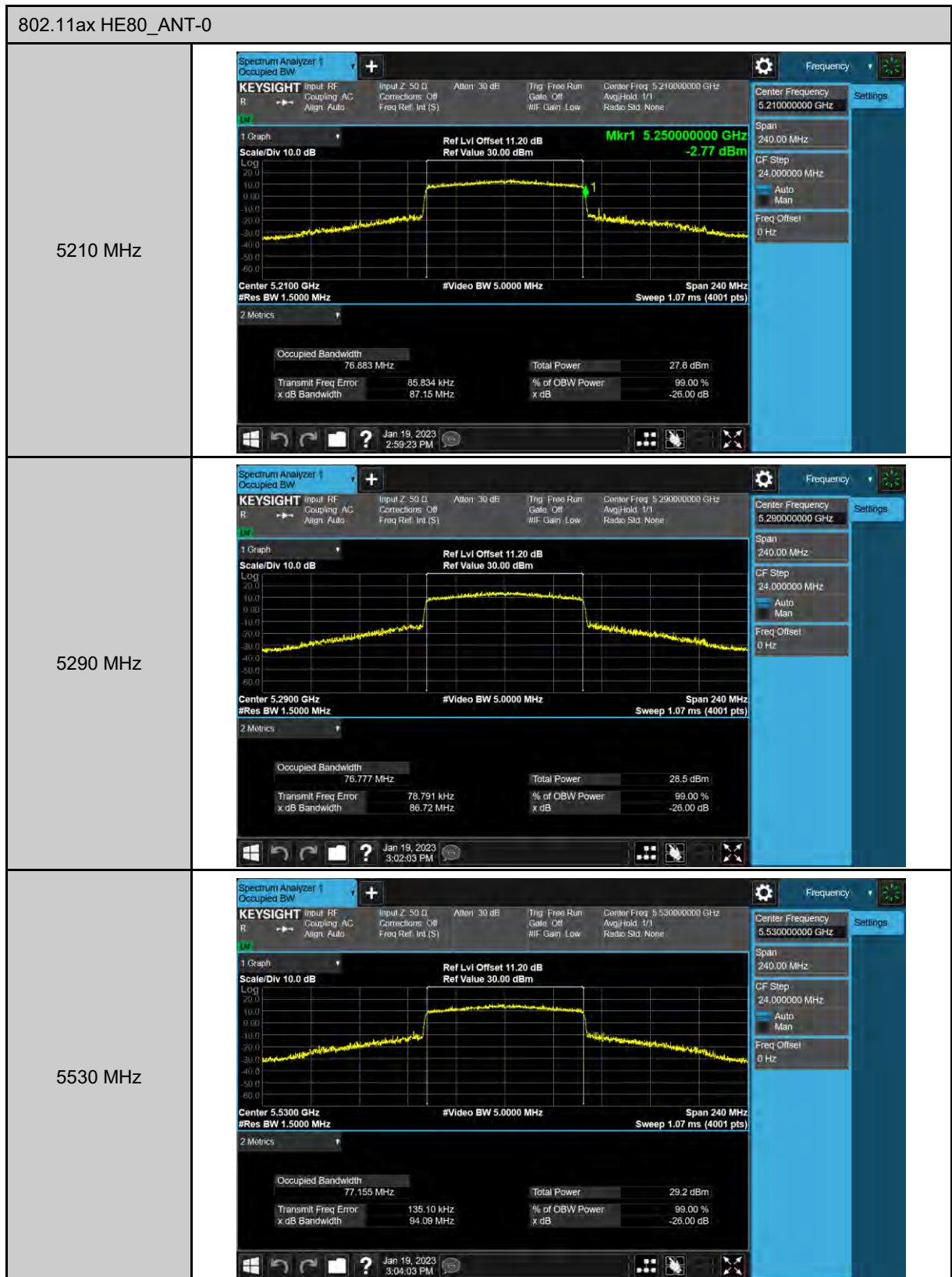
5510 MHz

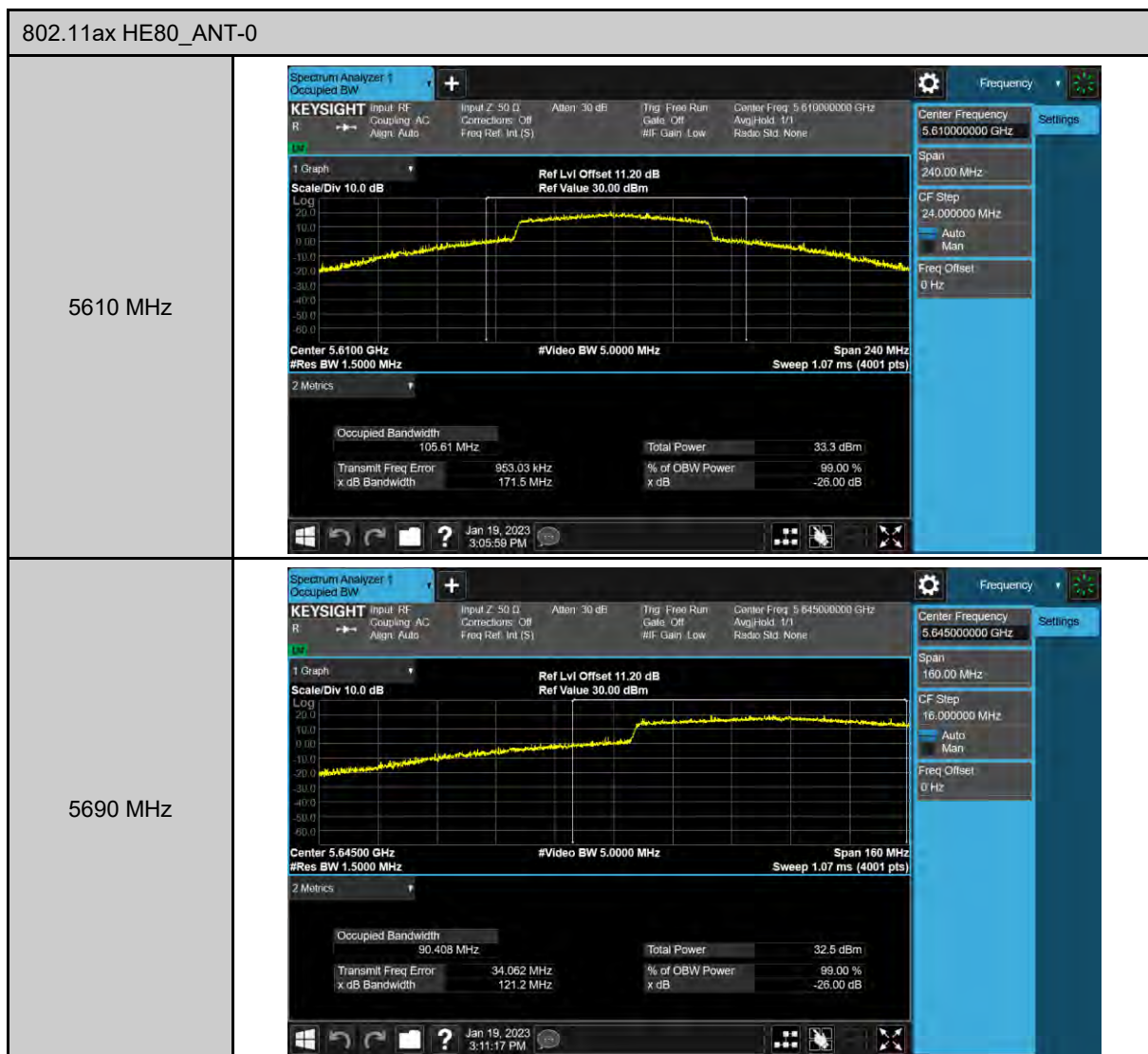


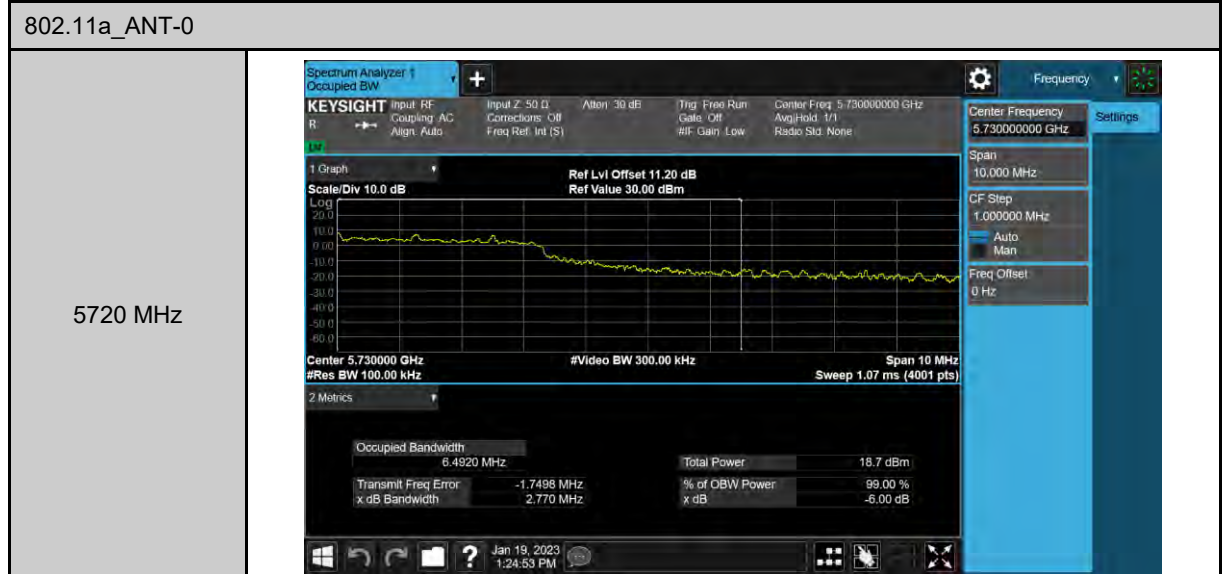
5550 MHz

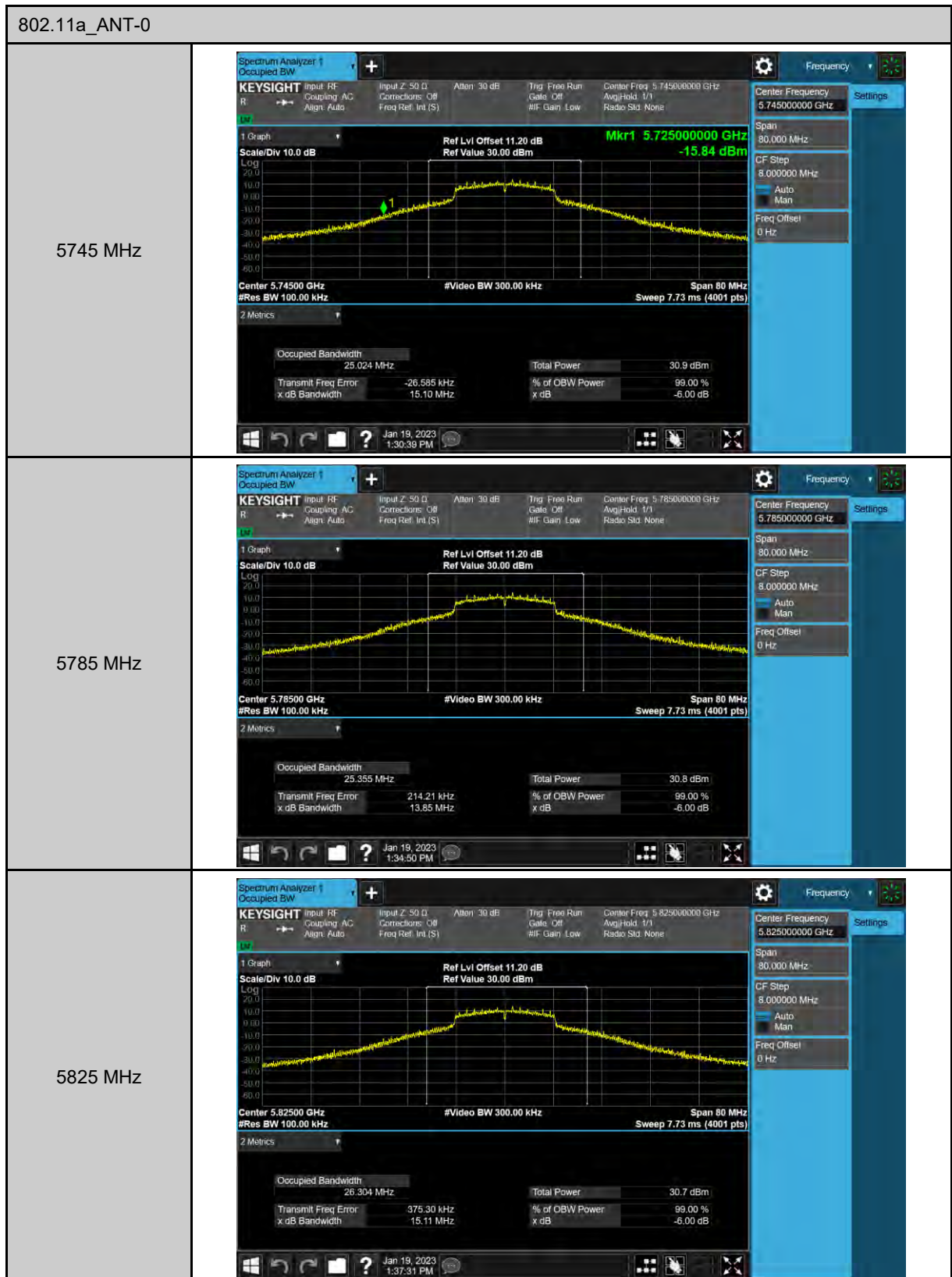


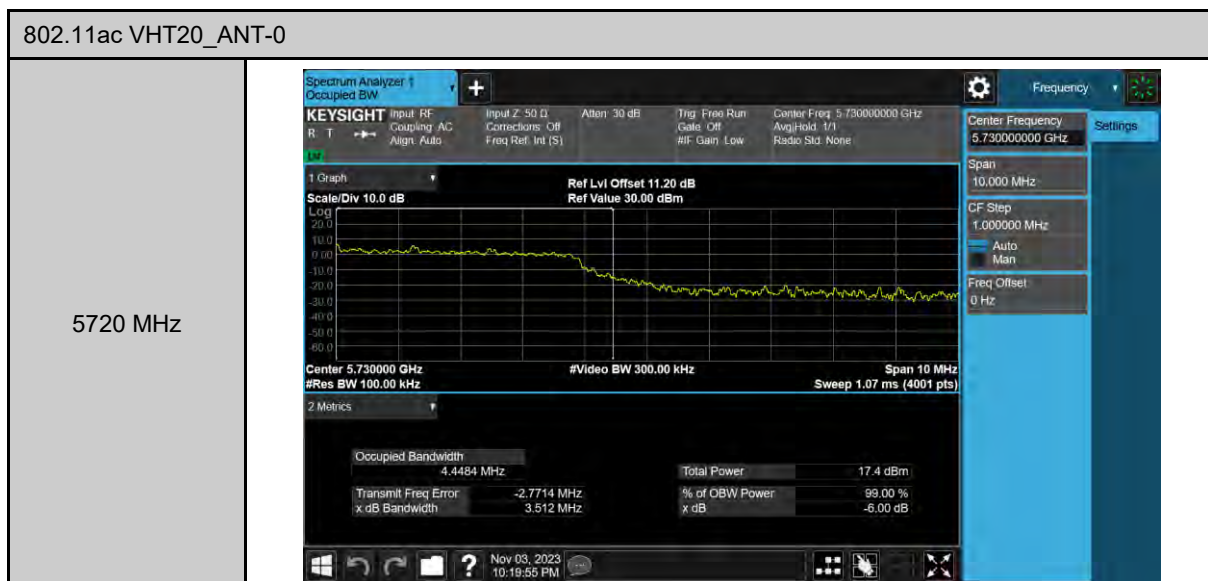






6 dB Bandwidth






802.11ac VHT20_ANT-0

5745 MHz



5785 MHz



5825 MHz



802.11ac VHT40_ANT-0

5710 MHz



5755 MHz

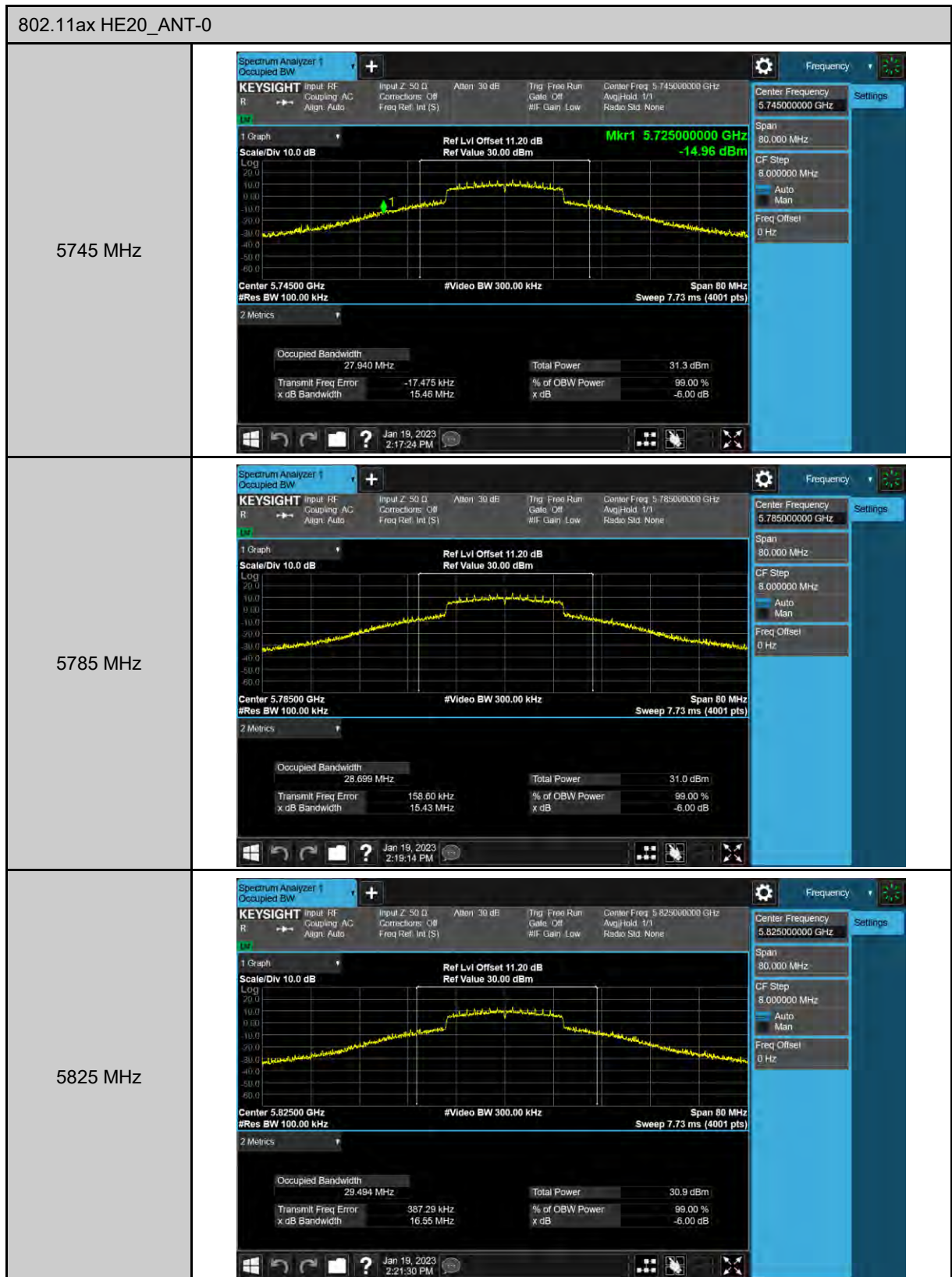


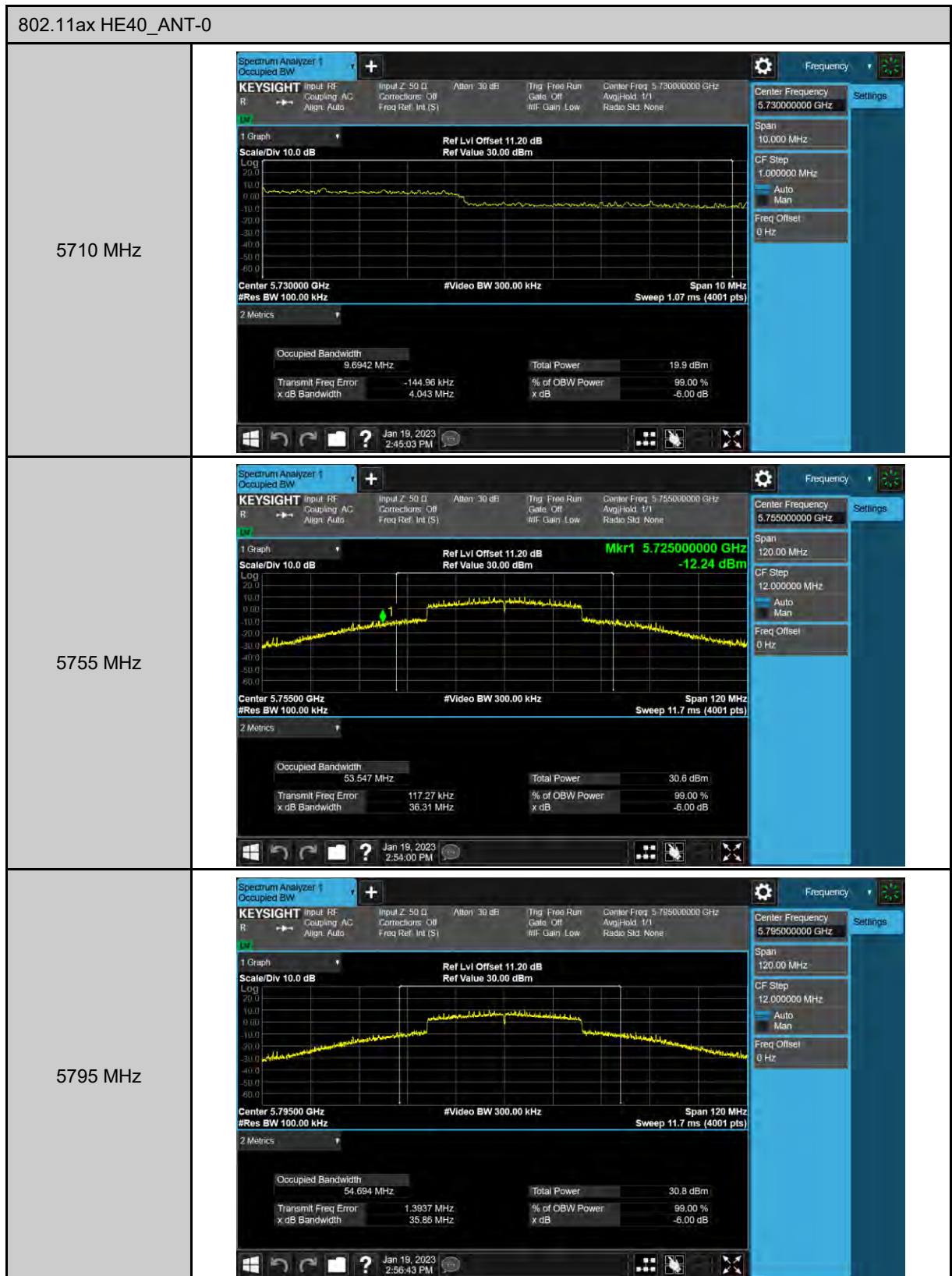
5795 MHz







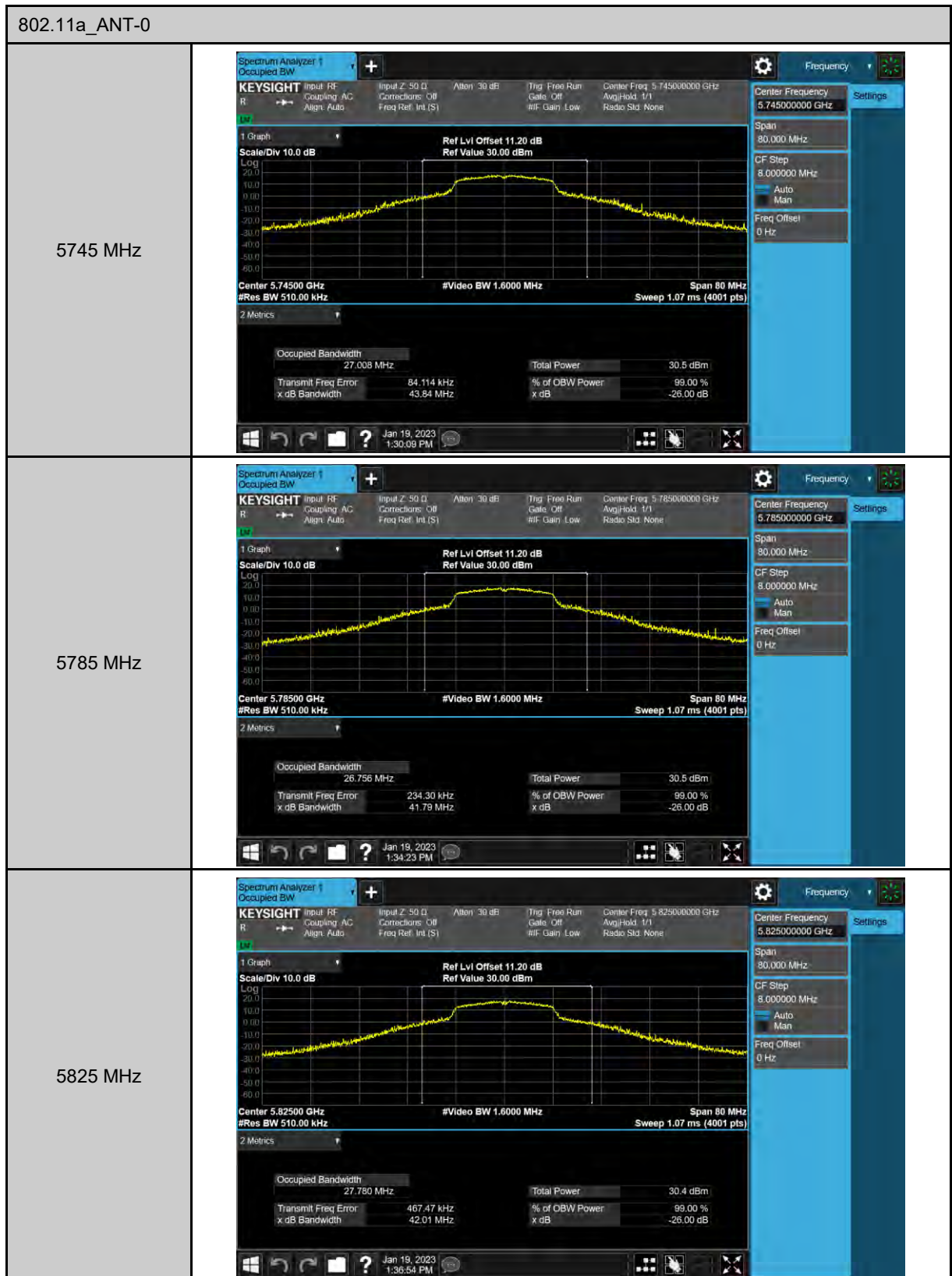


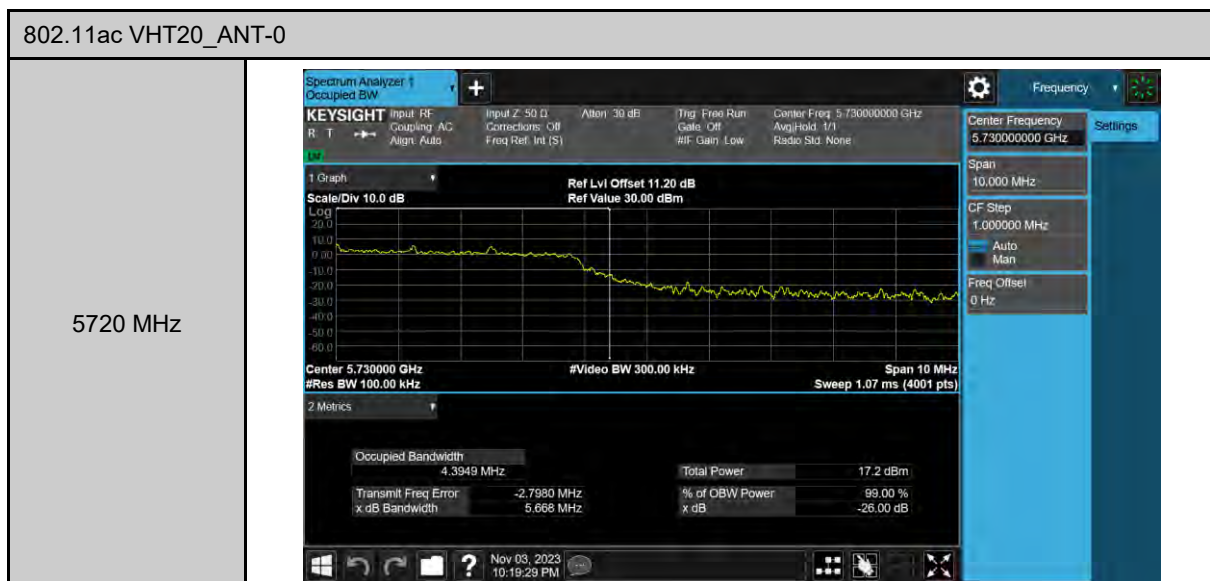




99% Occupied Bandwidth







802.11ac VHT20_ANT-0

5745 MHz



5785 MHz



5825 MHz



802.11ac VHT40_ANT-0

5710 MHz



5755 MHz

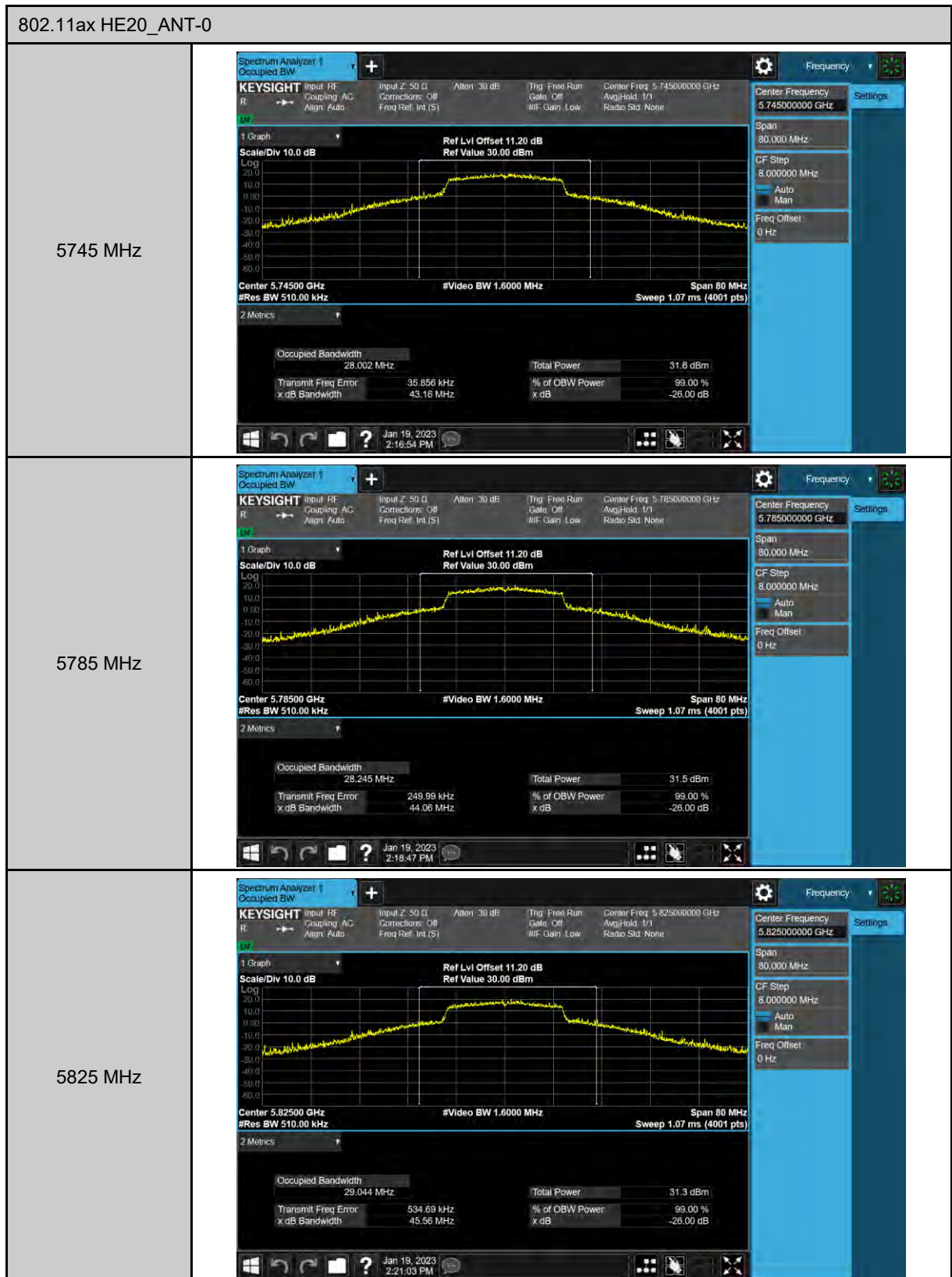


5795 MHz









802.11ax HE40_ANT-0	Center 5.730000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 10 MHz Sweep 1.07 ms (4001 pts) <table><tr><td>Occupied Bandwidth</td><td>9.6354 MHz</td><td>Total Power</td><td>19.9 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-174.27 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>10.00 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	9.6354 MHz	Total Power	19.9 dBm	Transmit Freq Error	-174.27 kHz	% of OBW Power	99.00 %	x dB Bandwidth	10.00 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.6354 MHz	Total Power	19.9 dBm										
Transmit Freq Error	-174.27 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	10.00 MHz	x dB	-26.00 dB										
5710 MHz													
Center 5.755000 GHz #Res BW 1.0000 MHz #Video BW 3.0000 MHz Span 120 MHz Sweep 1.07 ms (4001 pts) <table><tr><td>Occupied Bandwidth</td><td>52.344 MHz</td><td>Total Power</td><td>31.6 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-15.932 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>88.97 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	52.344 MHz	Total Power	31.6 dBm	Transmit Freq Error	-15.932 kHz	% of OBW Power	99.00 %	x dB Bandwidth	88.97 MHz	x dB	-26.00 dB	
Occupied Bandwidth	52.344 MHz	Total Power	31.6 dBm										
Transmit Freq Error	-15.932 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	88.97 MHz	x dB	-26.00 dB										
5755 MHz													
Center 5.795000 GHz #Res BW 1.0000 MHz #Video BW 3.0000 MHz Span 120 MHz Sweep 1.07 ms (4001 pts) <table><tr><td>Occupied Bandwidth</td><td>53.701 MHz</td><td>Total Power</td><td>31.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>1.2634 MHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>81.57 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	53.701 MHz	Total Power	31.3 dBm	Transmit Freq Error	1.2634 MHz	% of OBW Power	99.00 %	x dB Bandwidth	81.57 MHz	x dB	-26.00 dB	
Occupied Bandwidth	53.701 MHz	Total Power	31.3 dBm										
Transmit Freq Error	1.2634 MHz	% of OBW Power	99.00 %										
x dB Bandwidth	81.57 MHz	x dB	-26.00 dB										
5795 MHz													

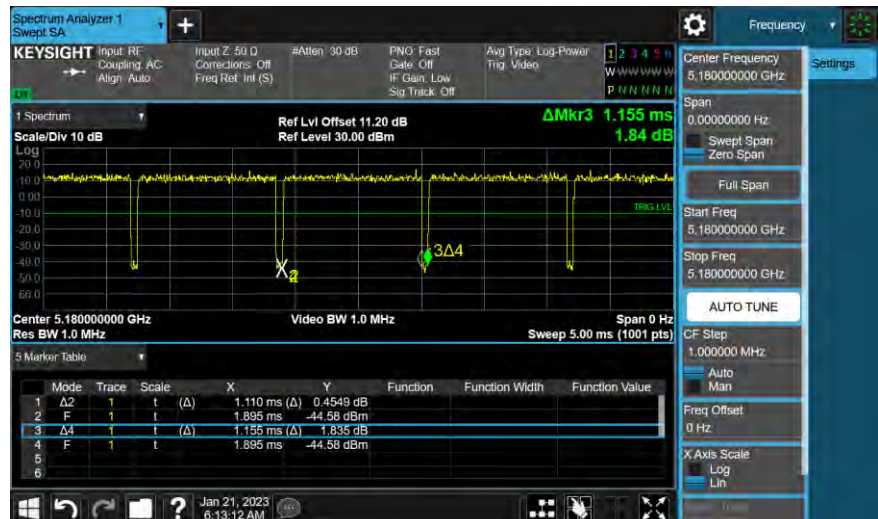


4X4

Duty cycle

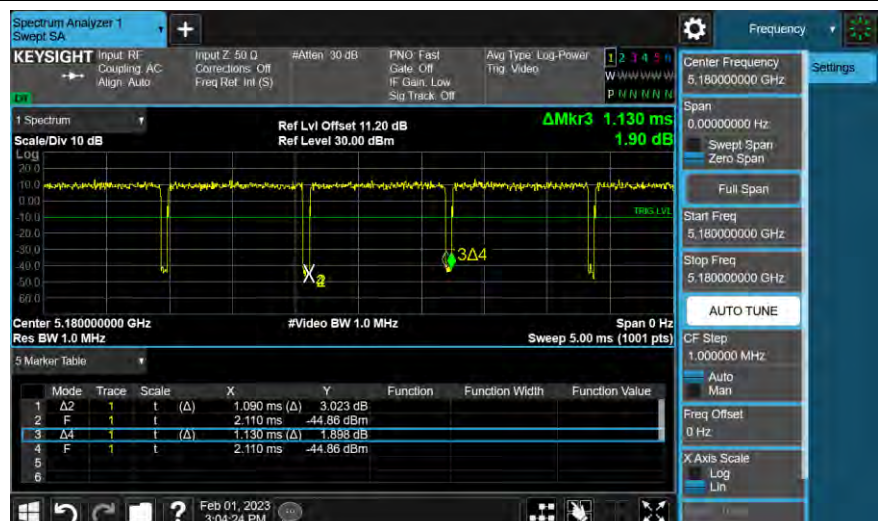
802.11a

On+off time



802.11n HT20

On+off time



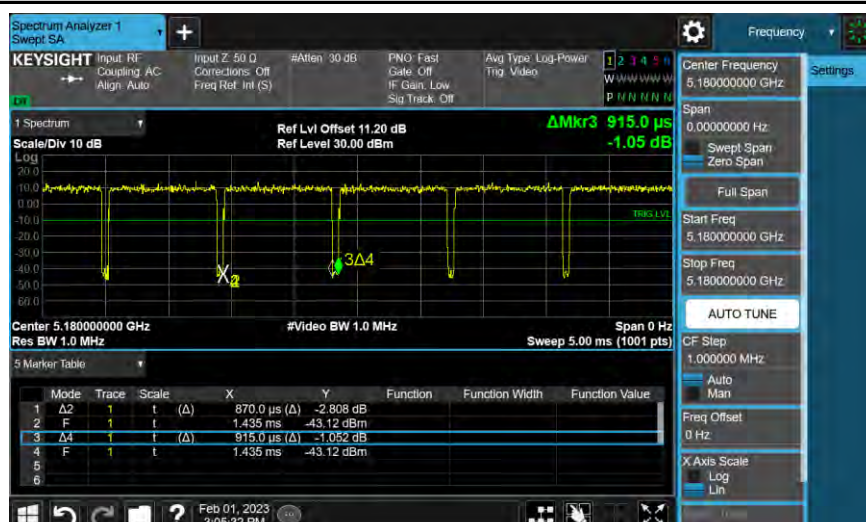
802.11n HT40

On+off time



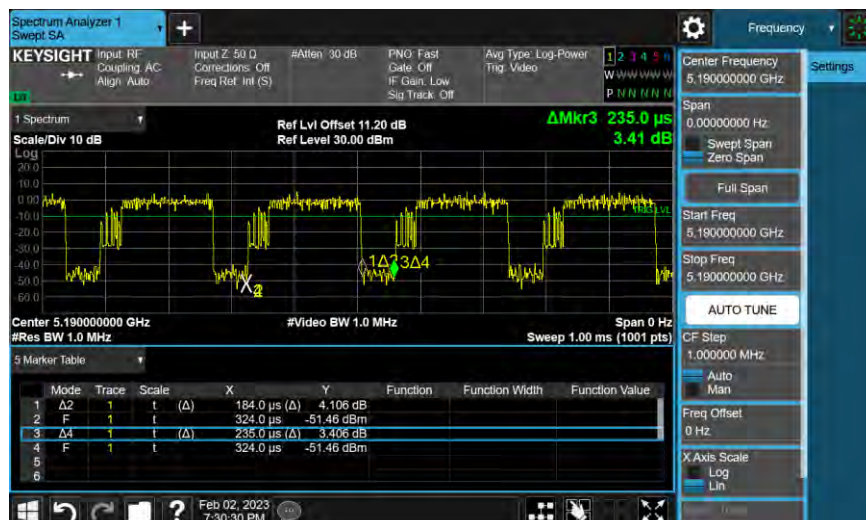
802.11ac VHT20

On+off time



802.11ac VHT40

On+off time

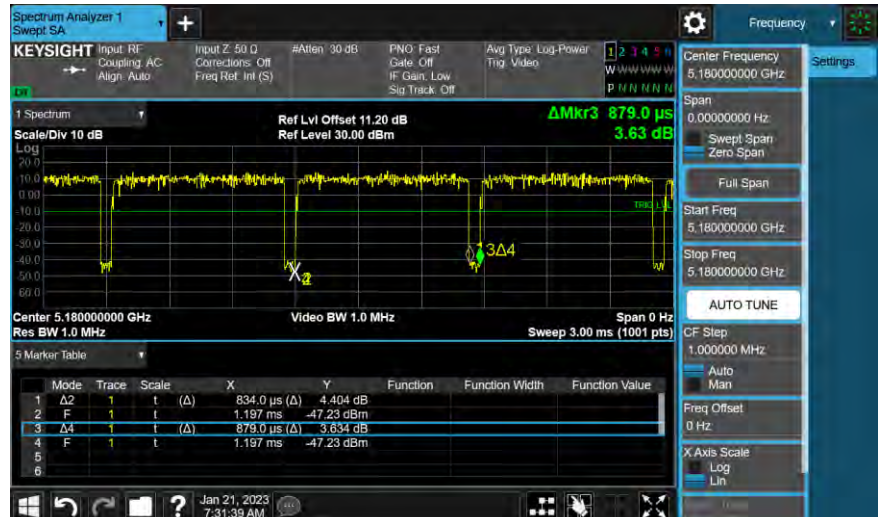

802.11ac VHT80

On+off time

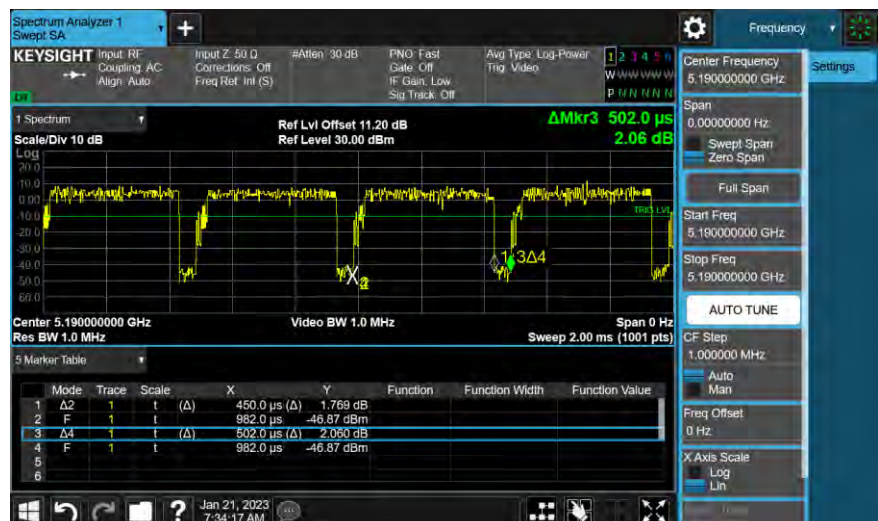


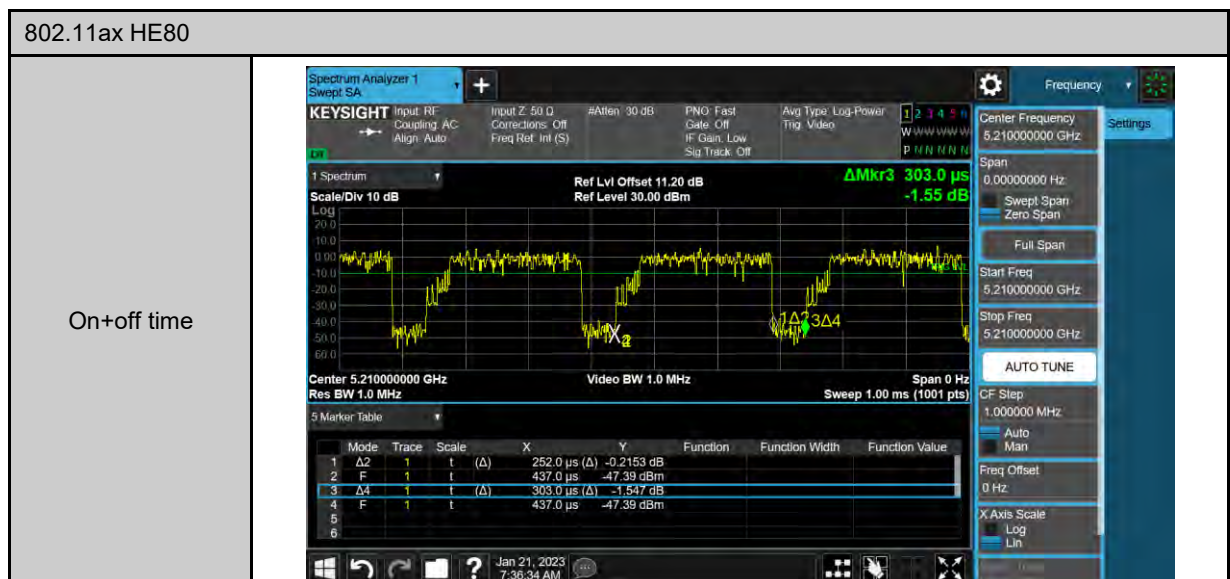
802.11ax HE20

On+off time


802.11ax HE40

On+off time





Maximum Power Spectral Density

