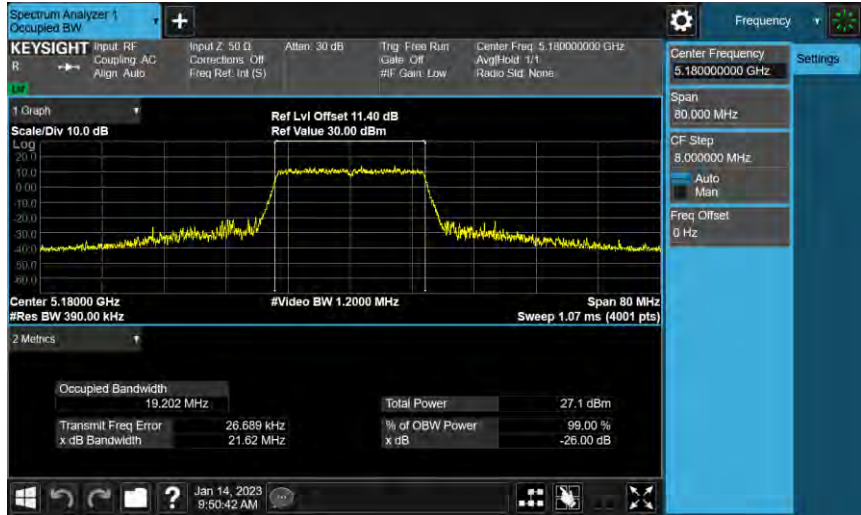


802.11ax HE20_ANT-2

5180 MHz



5200 MHz

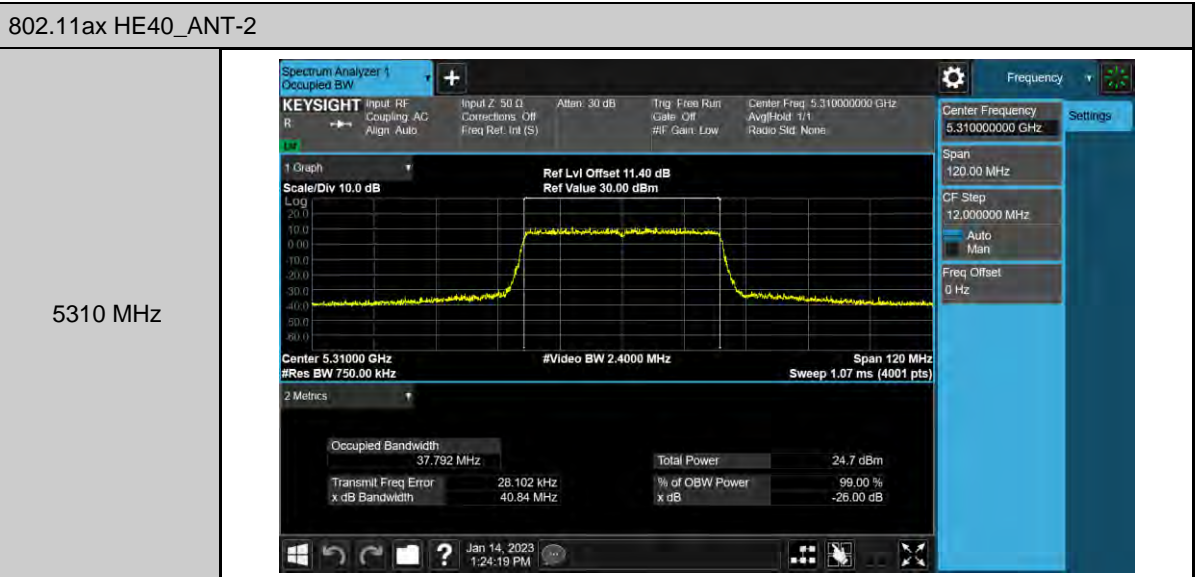


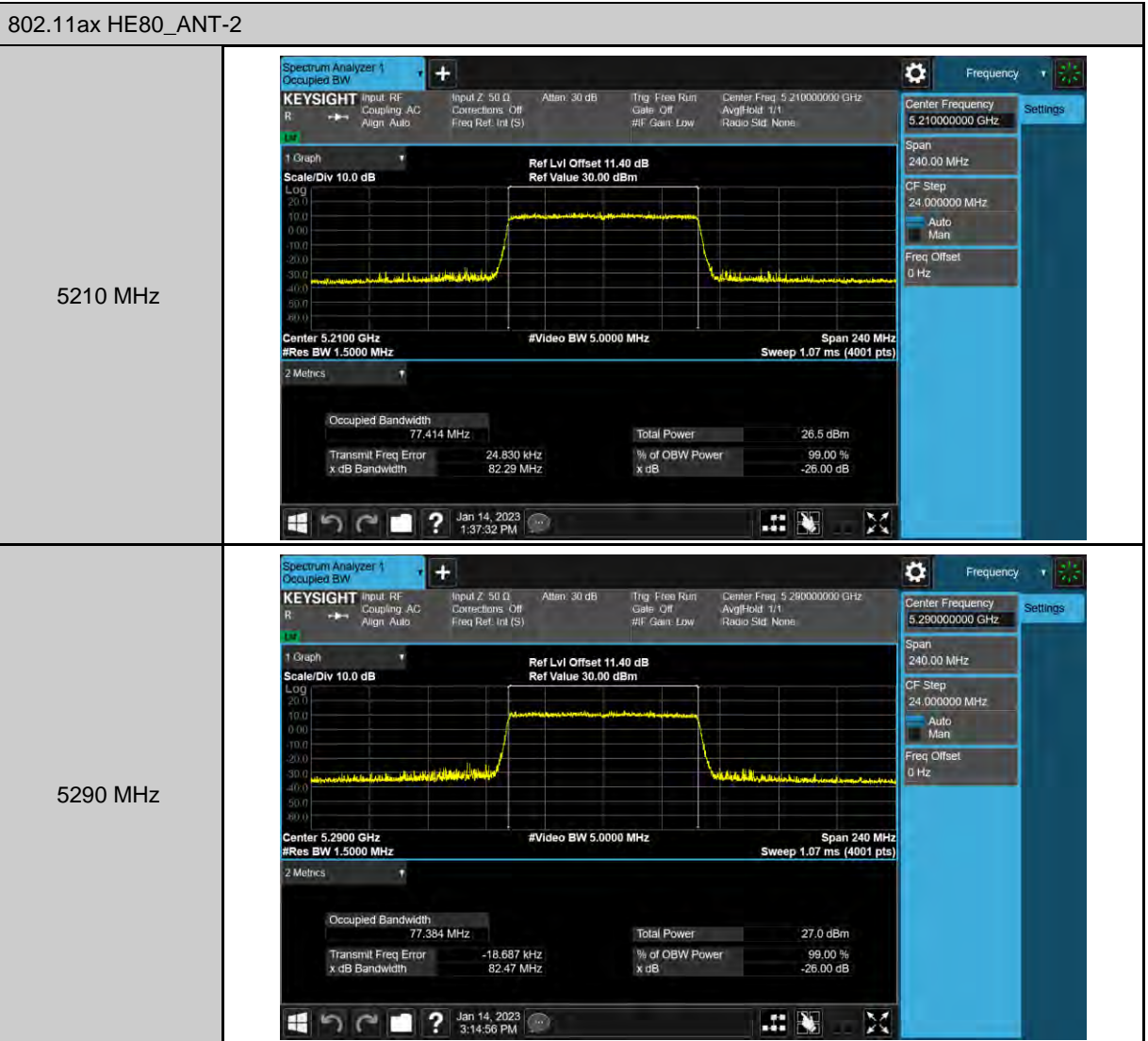
5240 MHz





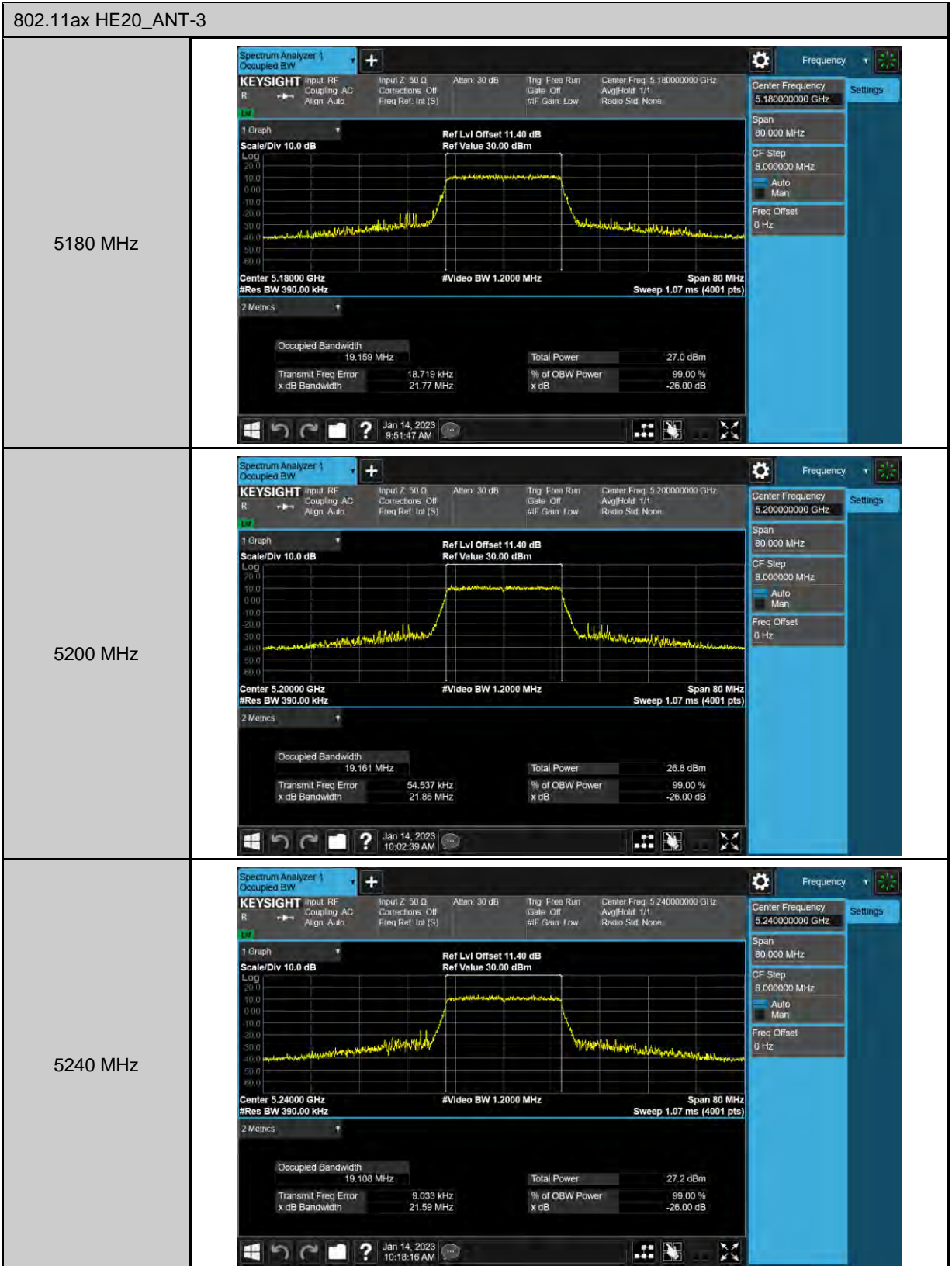








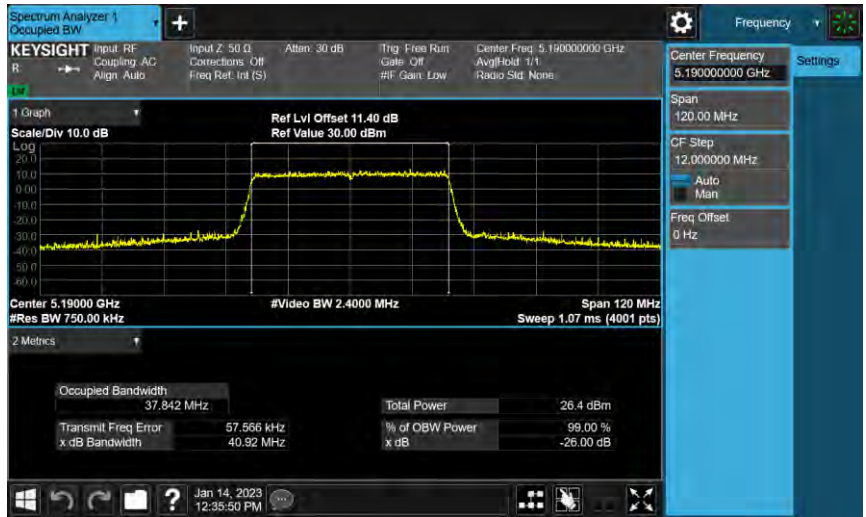






802.11ax HE40_ANT-3

5190 MHz

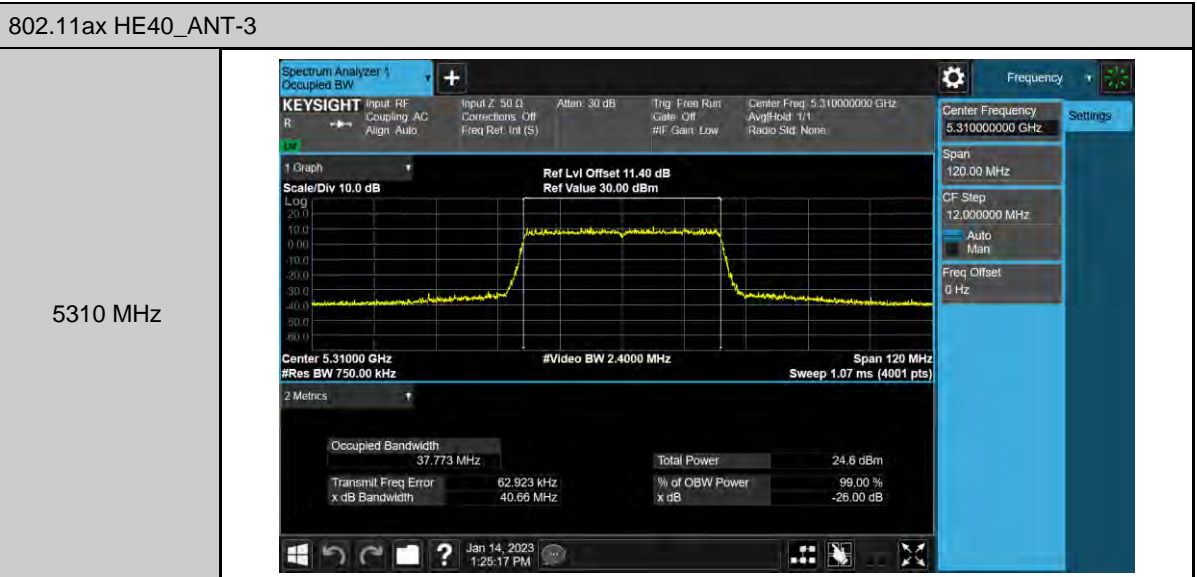


5230 MHz



5270 MHz





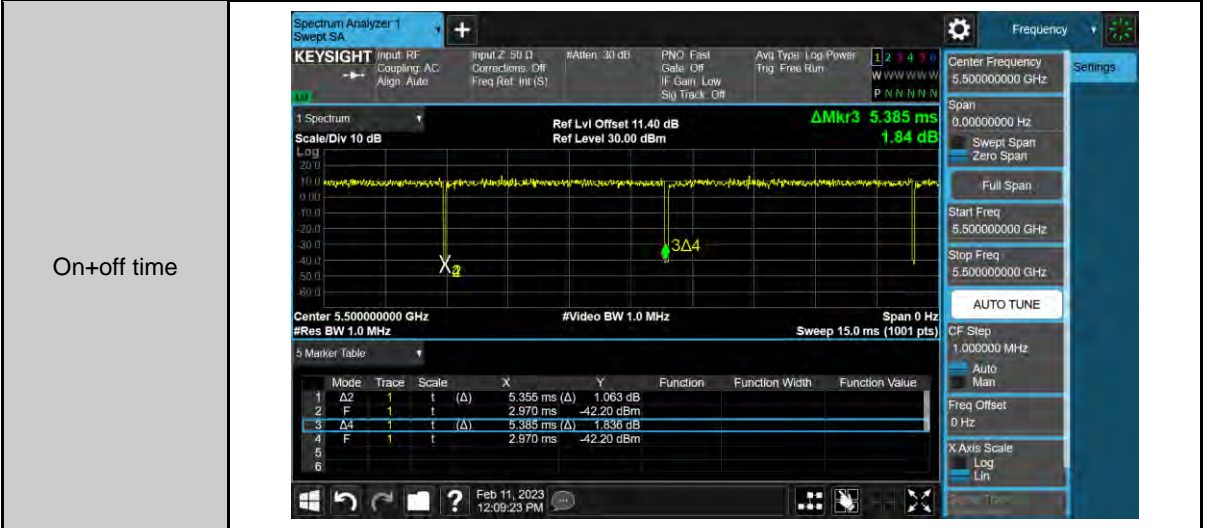




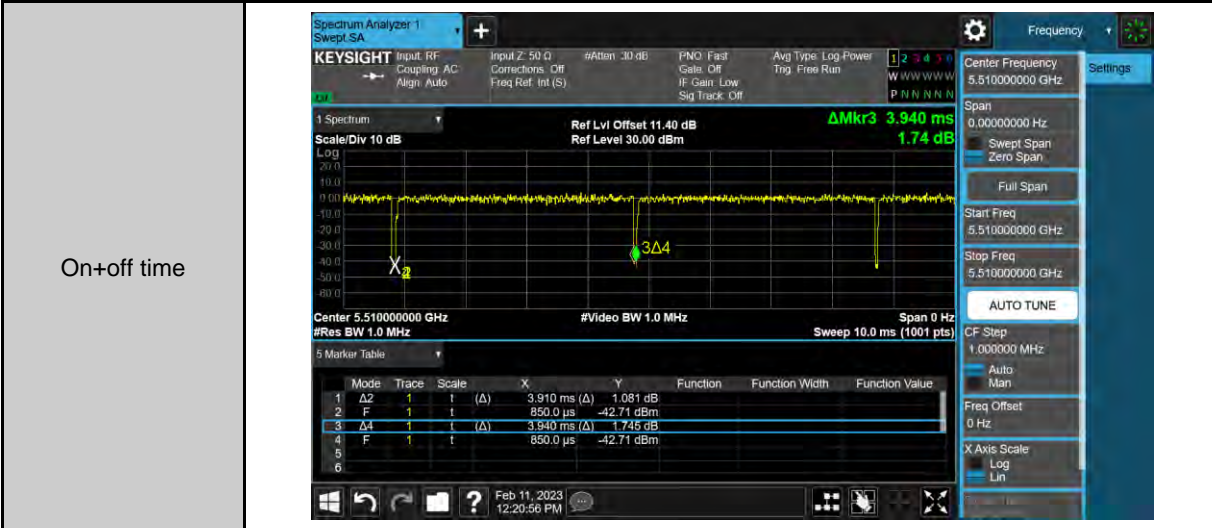
Beamforming on
MIMO High Band_B2C & B3 2X2

Duty Cycle

802.11ax HE20



802.11ax HE40



802.11ax HE80

On+off time

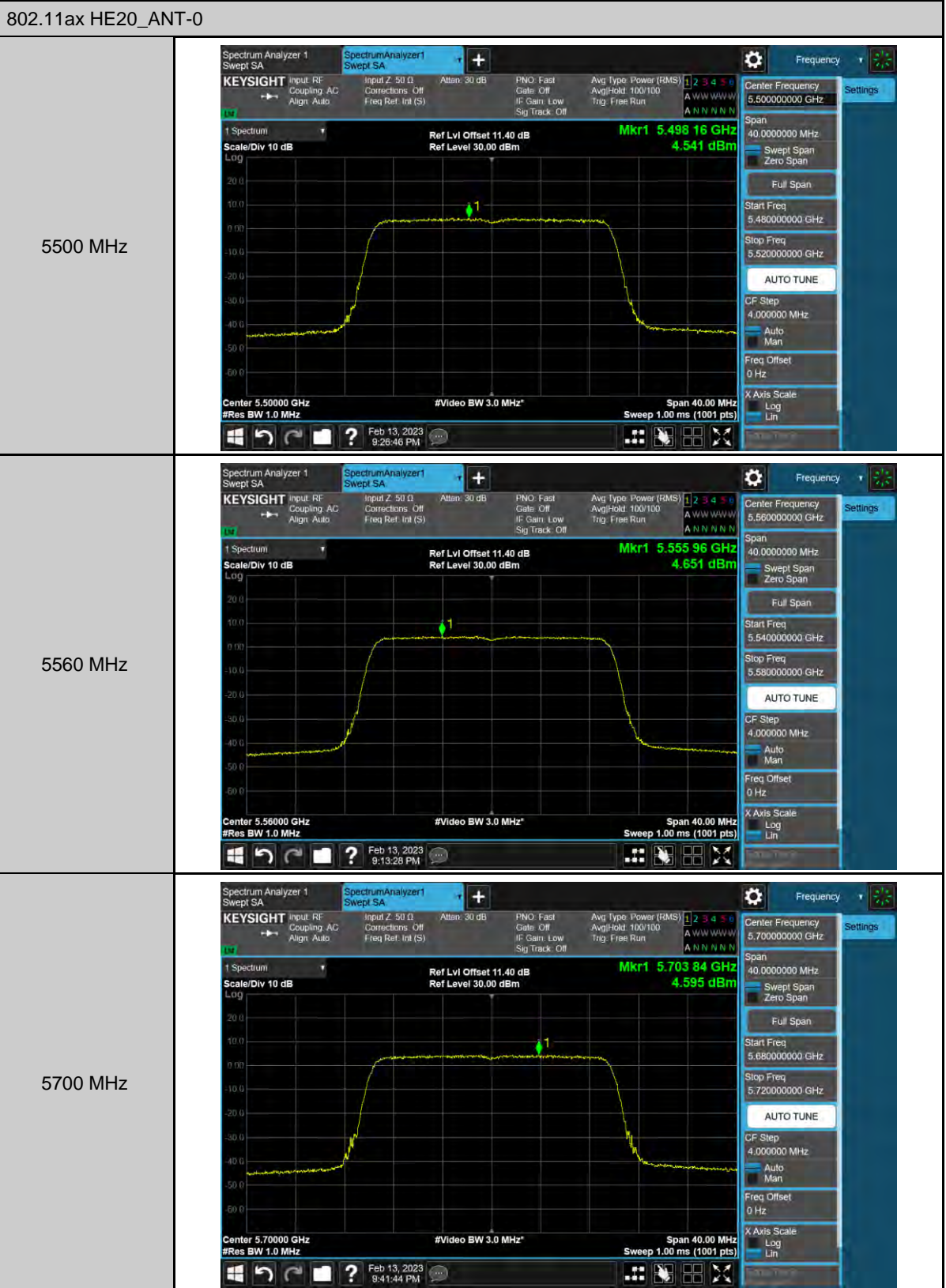


802.11ax HE160

On+off time



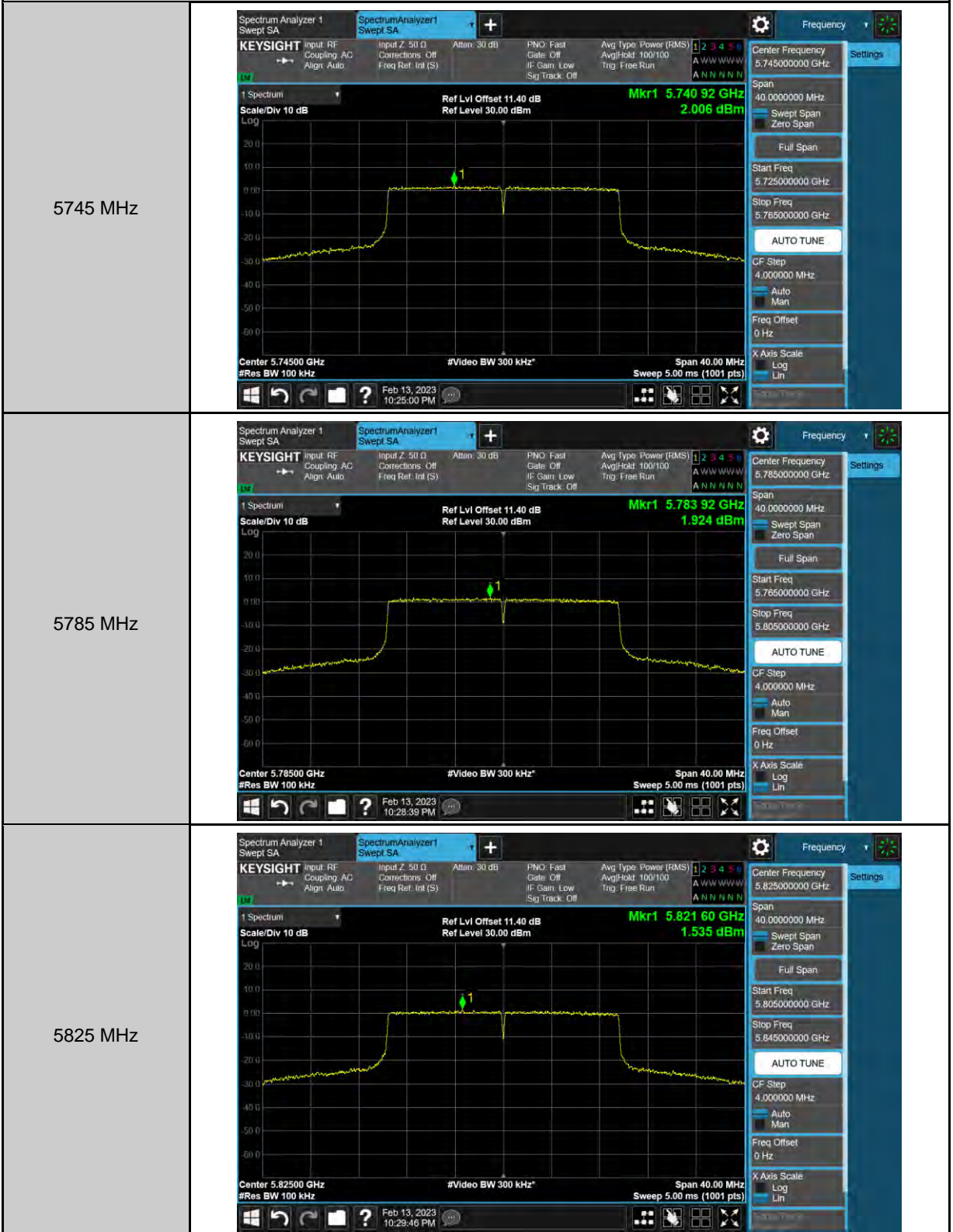
Maximum Power Spectral Density



802.11ax HE20_ANT-0



802.11ax HE20_ANT-0



802.11ax HE40_ANT-0

5510 MHz

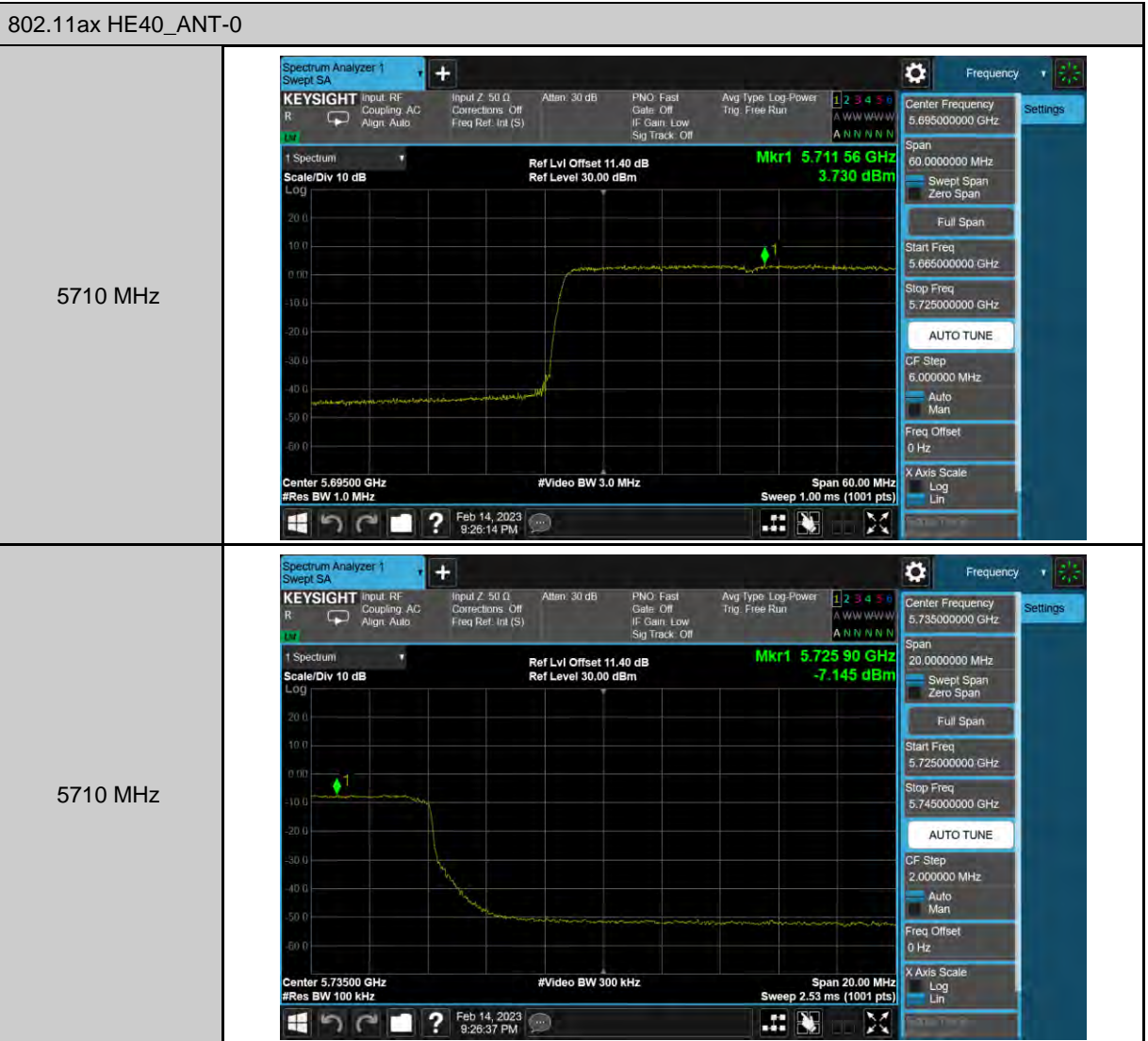


5550 MHz



5670 MHz







802.11ax HE80_ANT-0

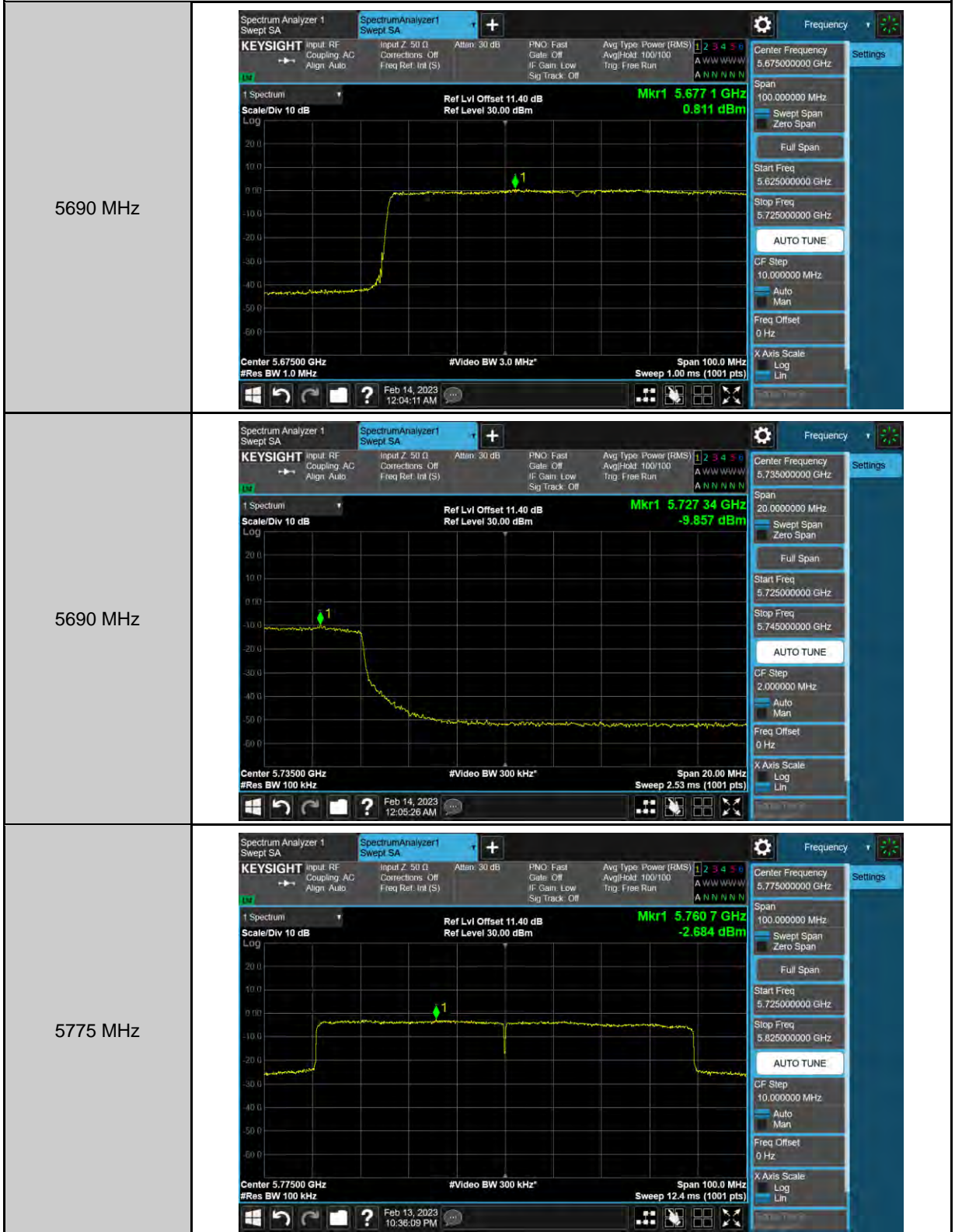
5530 MHz



5610 MHz



802.11ax HE80_ANT-0





802.11ax HE20_ANT-1

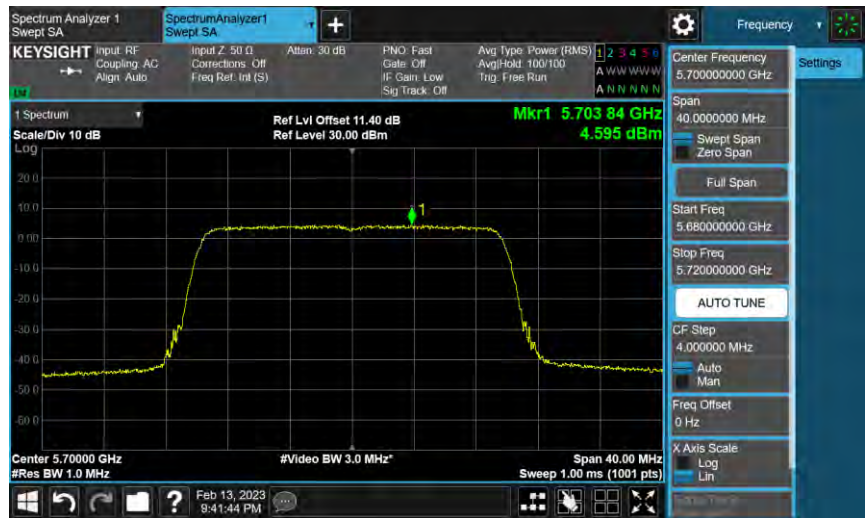
5500 MHz



5560 MHz

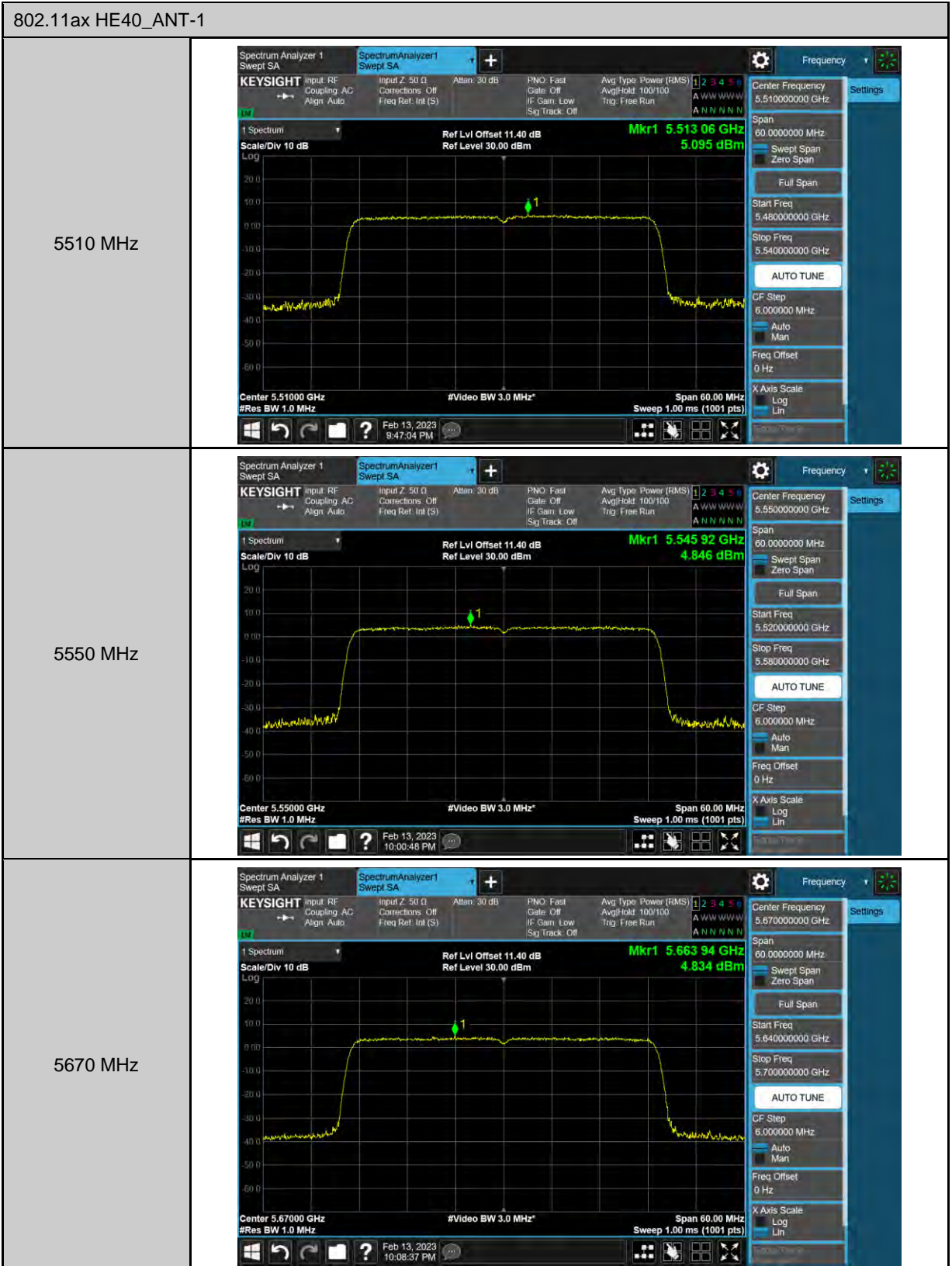


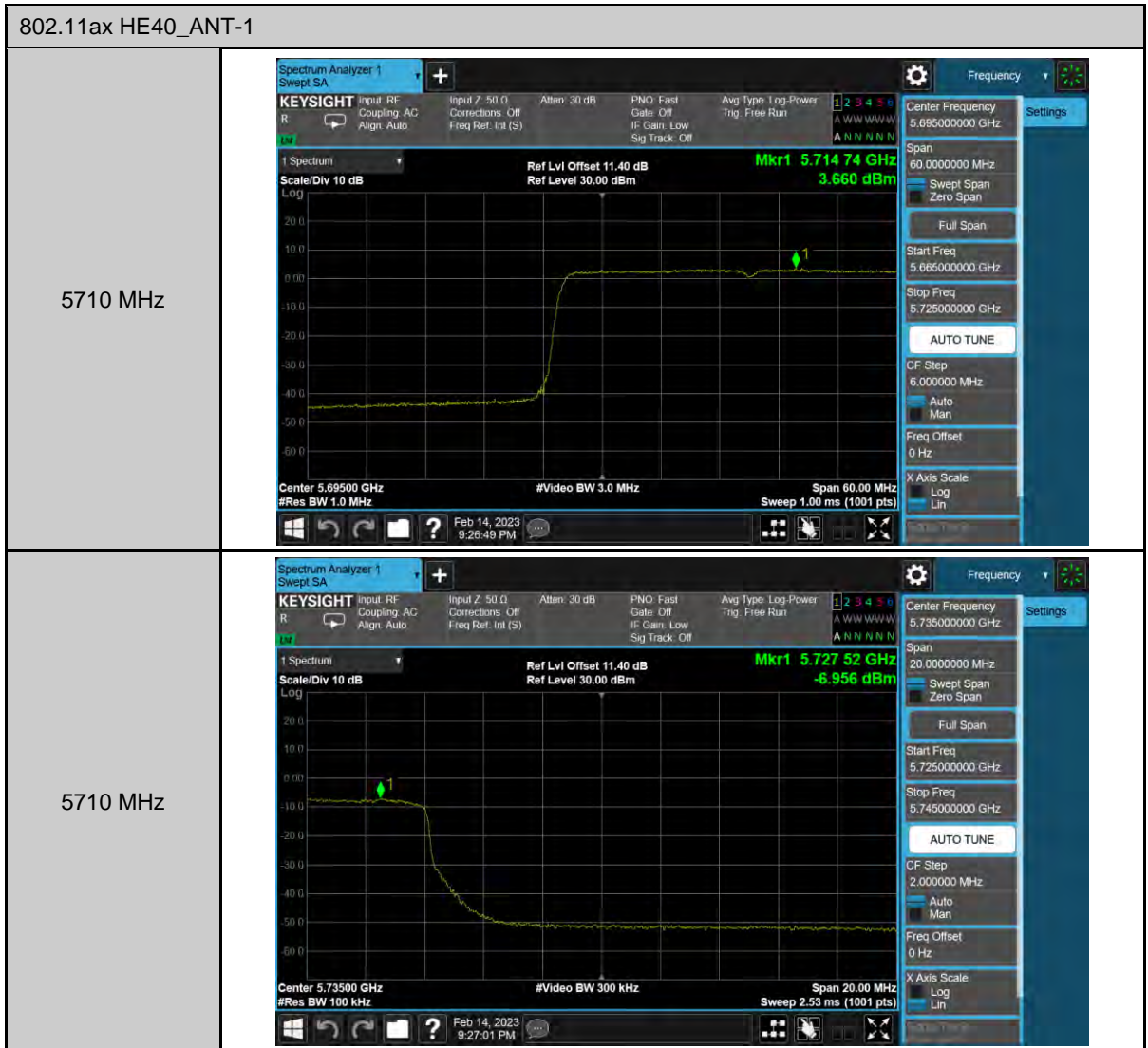
5700 MHz



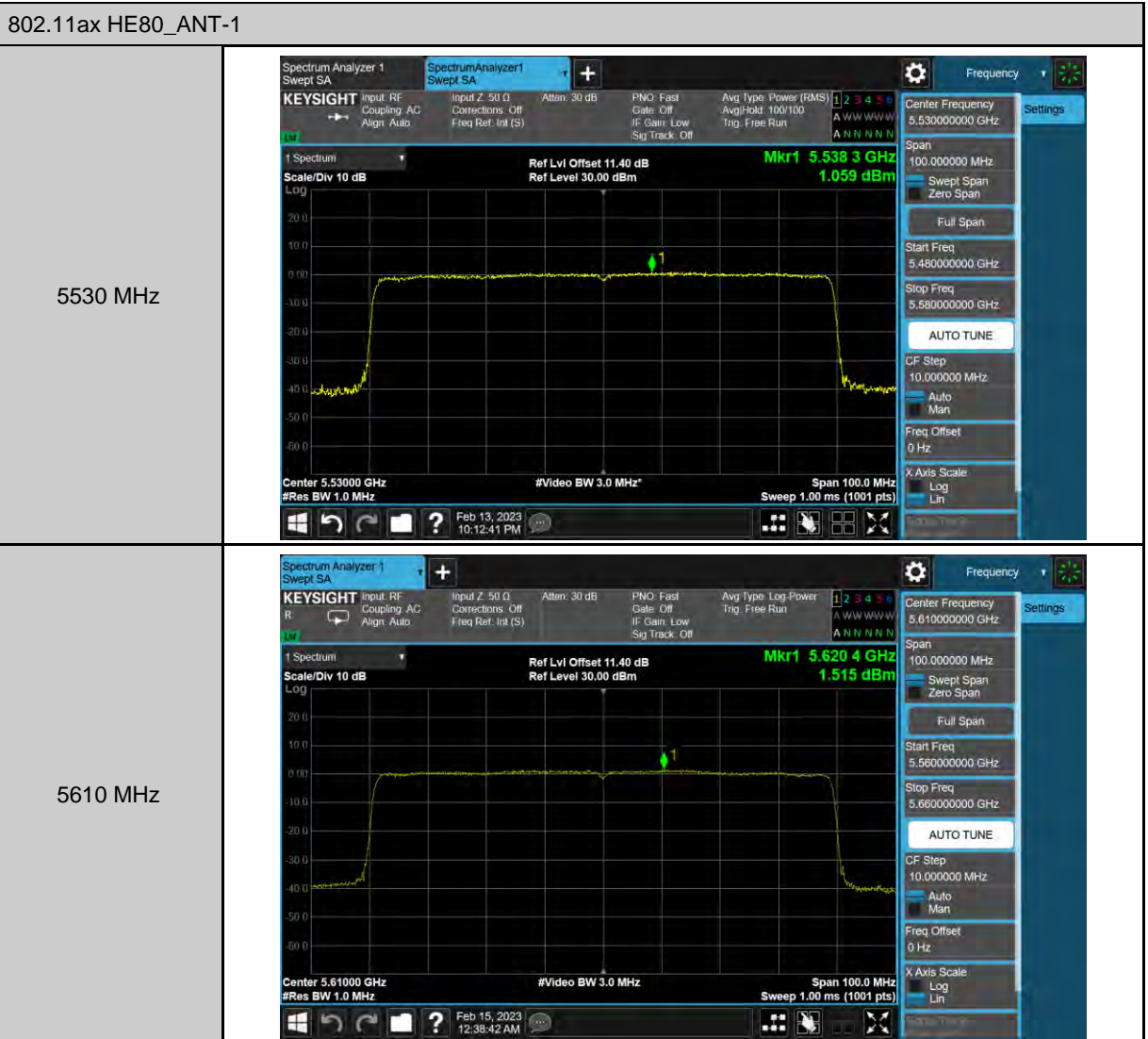






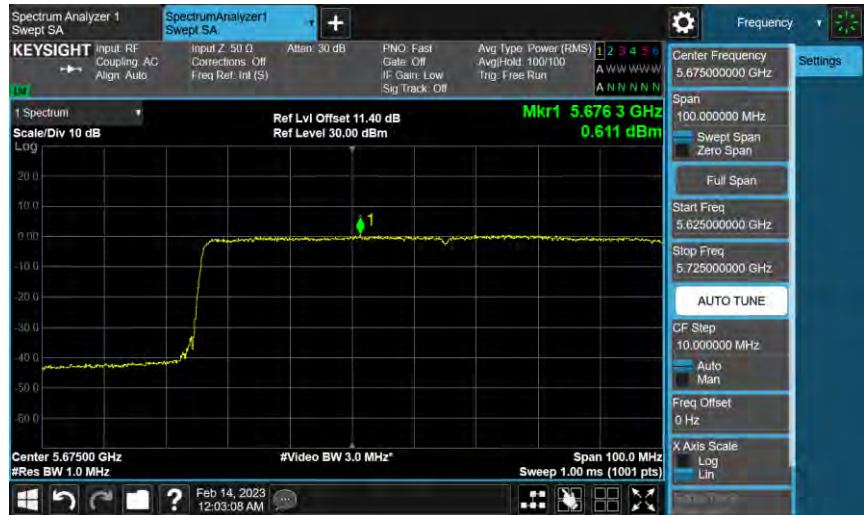






802.11ax HE80_ANT-1

5690 MHz

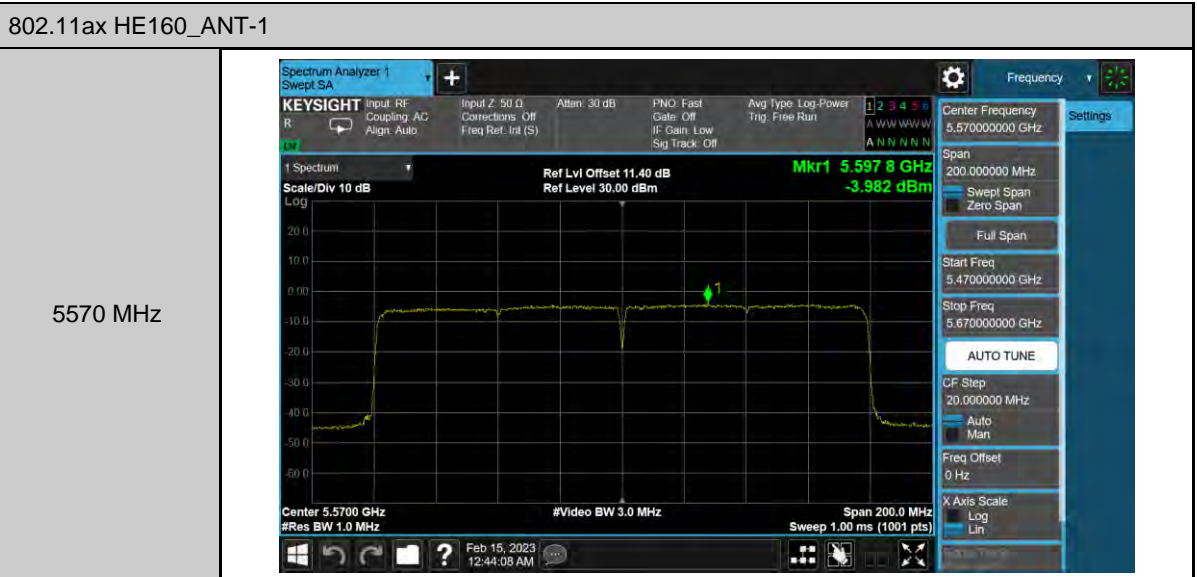


5690 MHz



5775 MHz

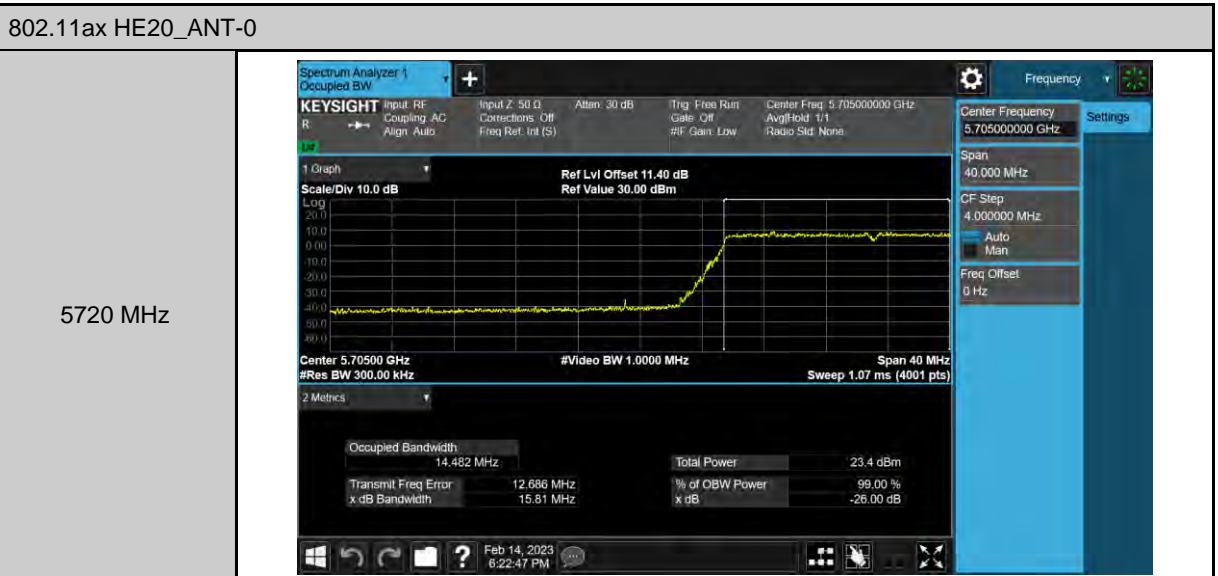


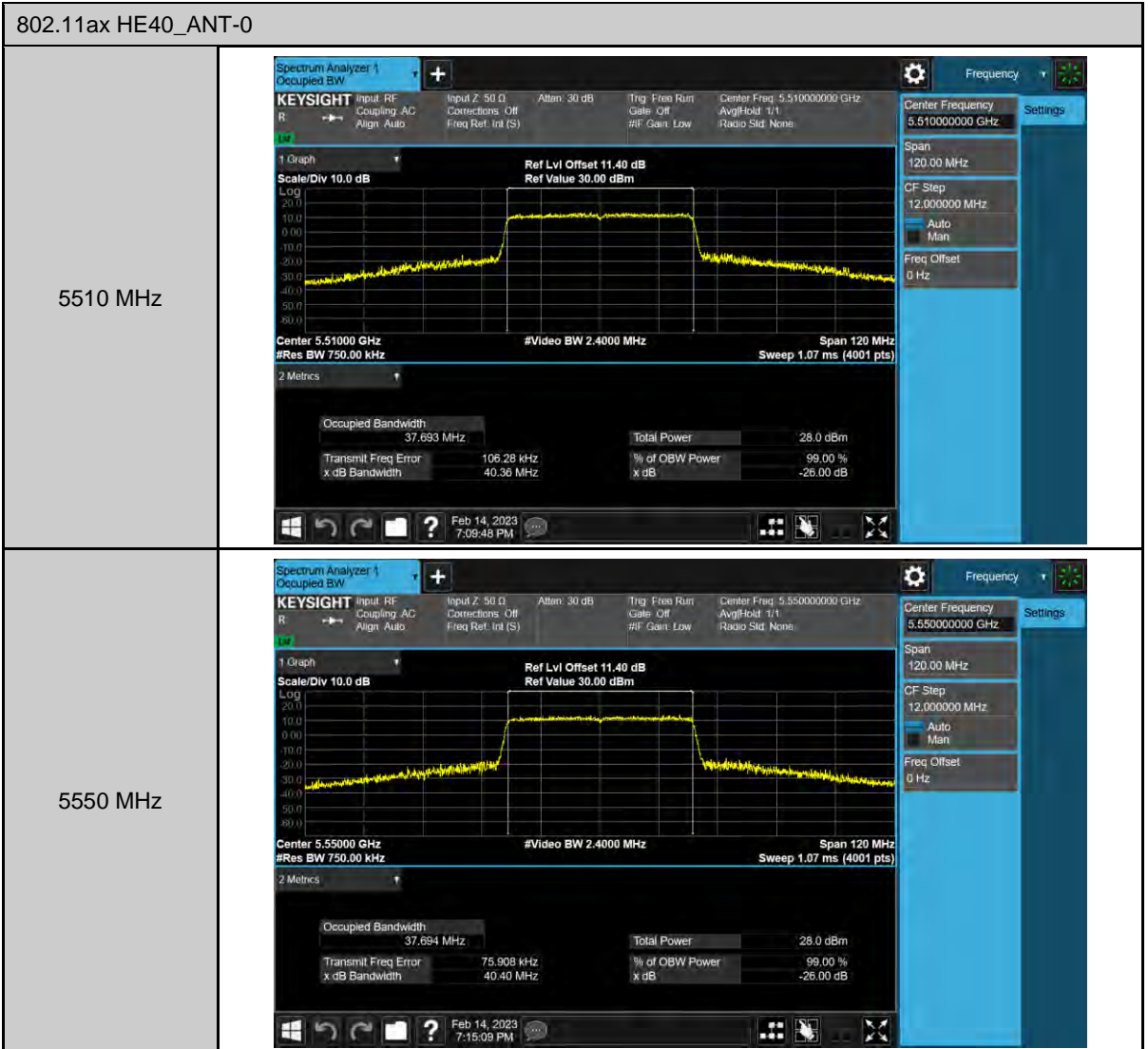


26 dB Bandwidth

802.11ax HE20_ANT-0









802.11ax HE80_ANT-0

5530 MHz



5610 MHz

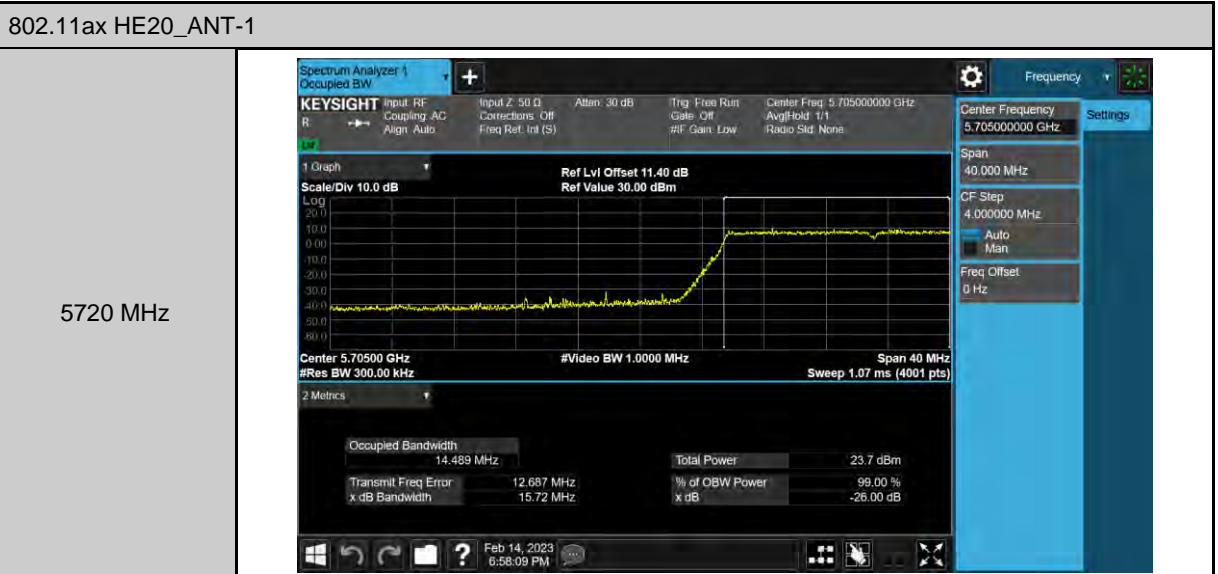


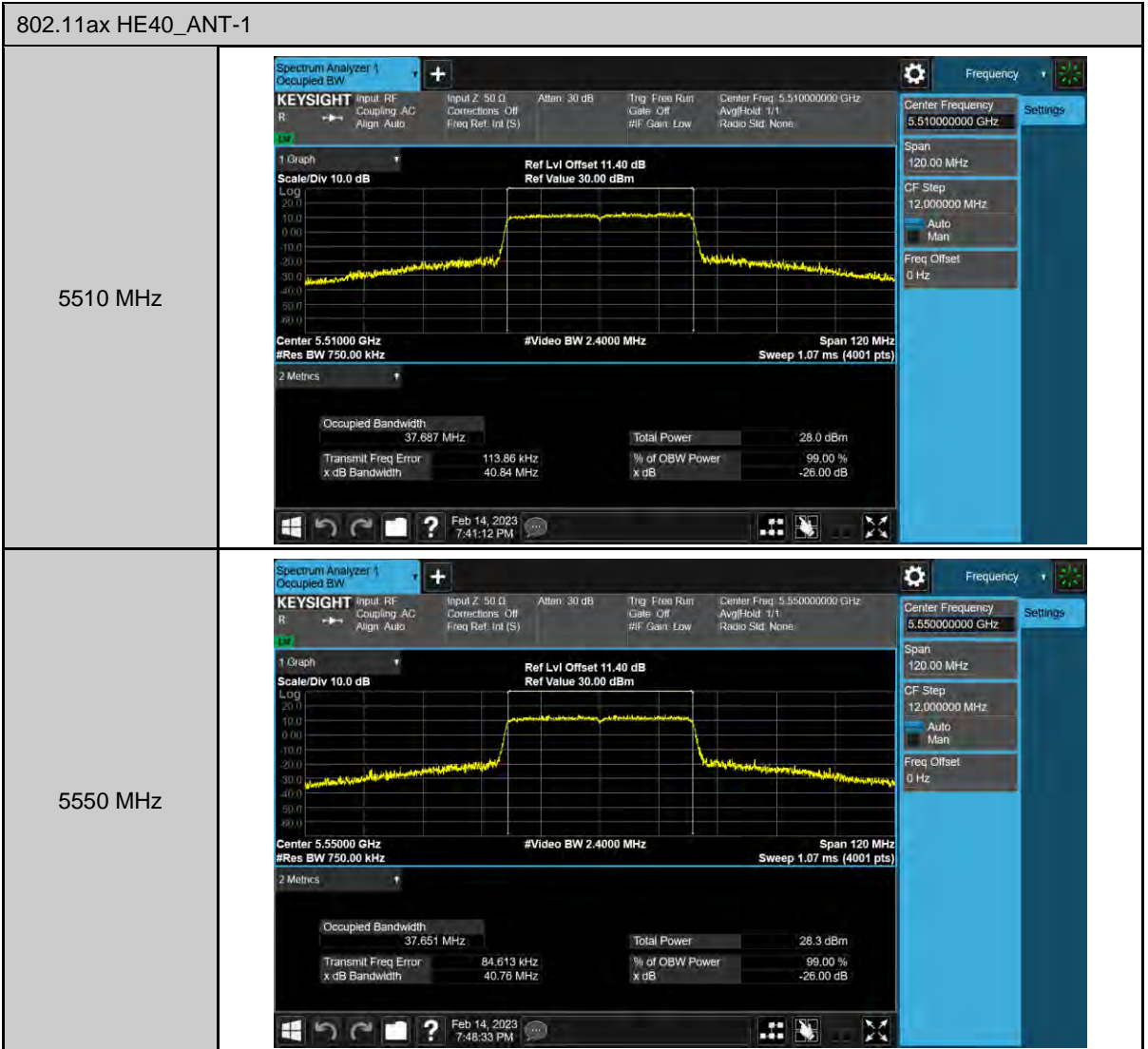
5690 MHz



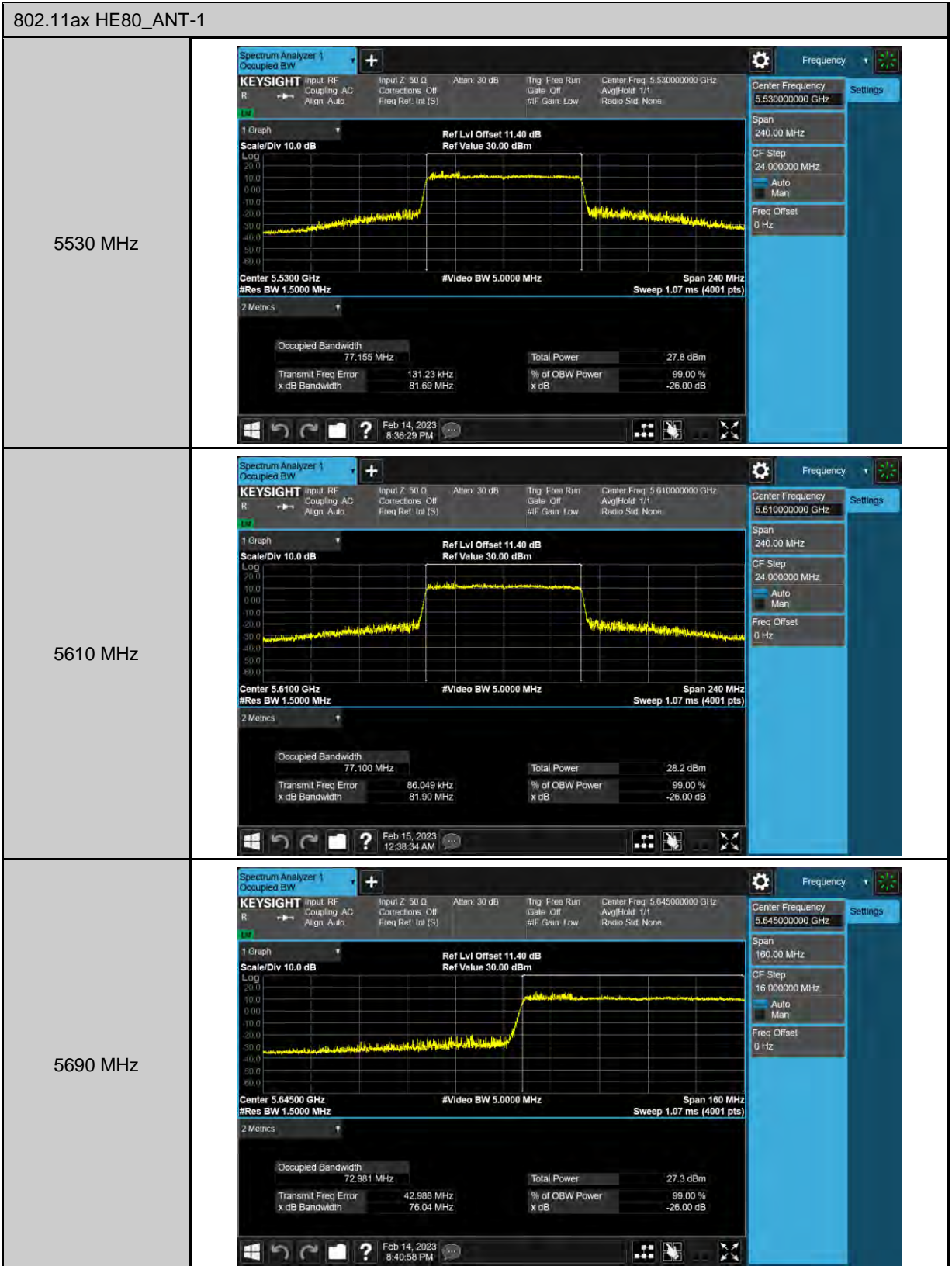


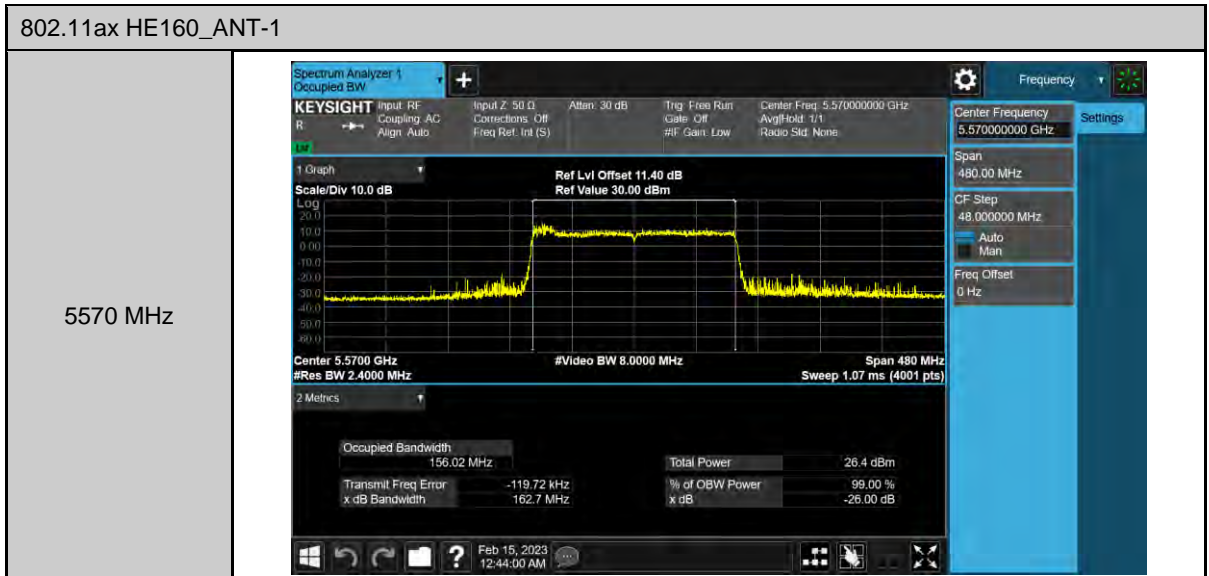
802.11ax HE20_ANT-1													
5500 MHz	<p>Center Frequency: 5.500000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.40 dB Ref Value 30.00 dBm</p> <p>Center 5.50000 CHZ #Res BW 390.0 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <p>2 Metrics</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.154 MHz</td> <td>Total Power</td> <td>24.9 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>46.236 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.79 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.154 MHz	Total Power	24.9 dBm	Transmit Freq Error	46.236 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.79 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.154 MHz	Total Power	24.9 dBm										
Transmit Freq Error	46.236 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.79 MHz	x dB	-26.00 dB										
5560 MHz	<p>Center Frequency: 5.560000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.40 dB Ref Value 30.00 dBm</p> <p>Center 5.56000 CHZ #Res BW 390.0 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <p>2 Metrics</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.144 MHz</td> <td>Total Power</td> <td>25.3 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>32.552 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.76 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.144 MHz	Total Power	25.3 dBm	Transmit Freq Error	32.552 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.76 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.144 MHz	Total Power	25.3 dBm										
Transmit Freq Error	32.552 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.76 MHz	x dB	-26.00 dB										
5700 MHz	<p>Center Frequency: 5.700000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.40 dB Ref Value 30.00 dBm</p> <p>Center 5.70000 CHZ #Res BW 390.0 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <p>2 Metrics</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.131 MHz</td> <td>Total Power</td> <td>24.9 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>40.992 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.76 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.131 MHz	Total Power	24.9 dBm	Transmit Freq Error	40.992 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.76 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.131 MHz	Total Power	24.9 dBm										
Transmit Freq Error	40.992 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.76 MHz	x dB	-26.00 dB										





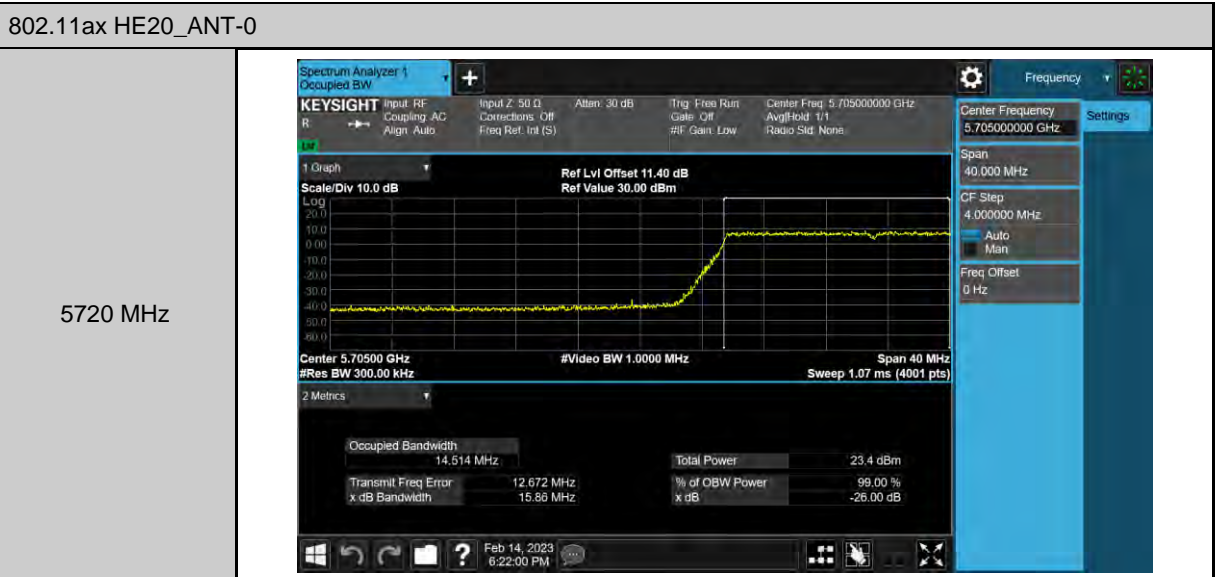


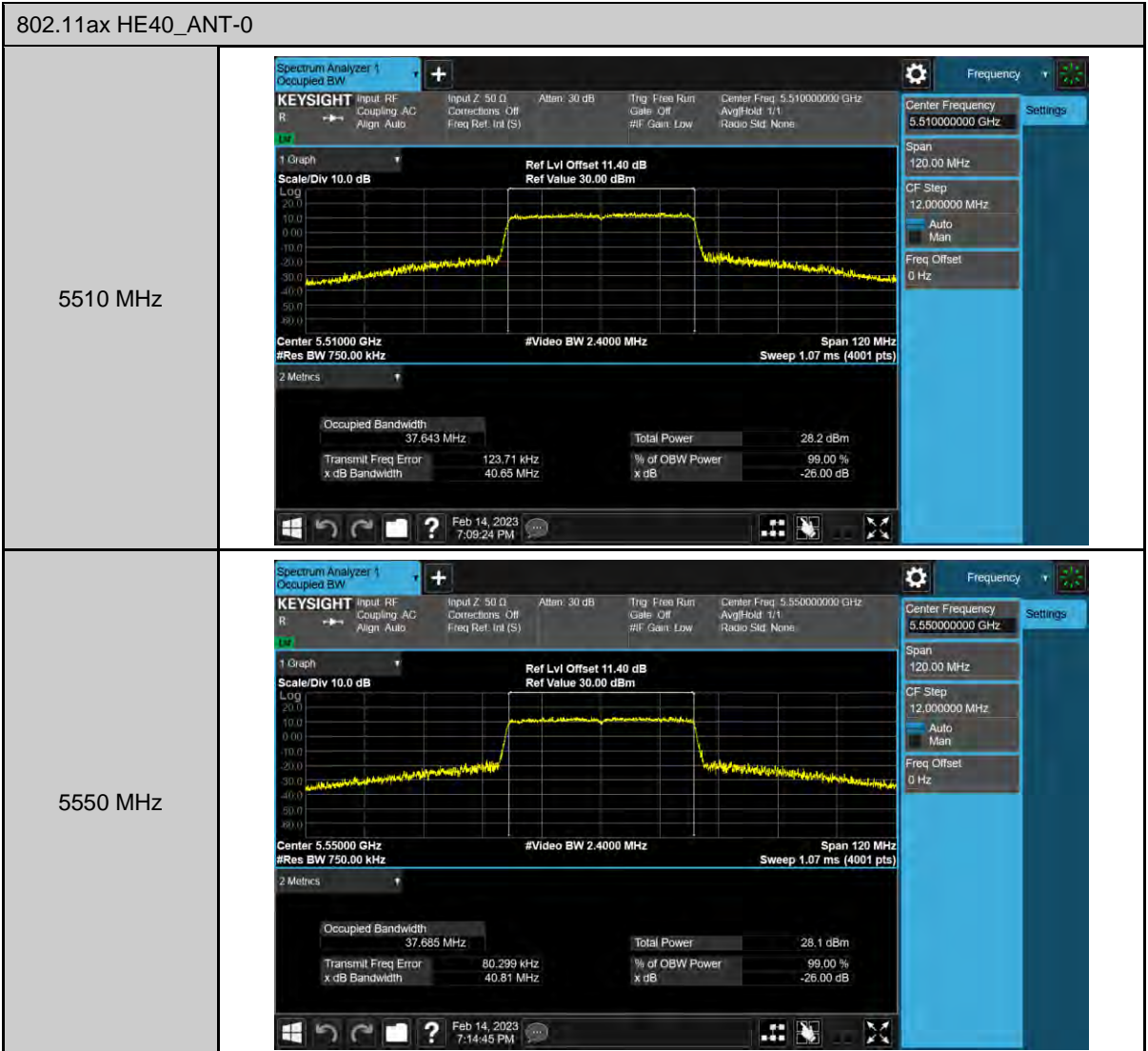




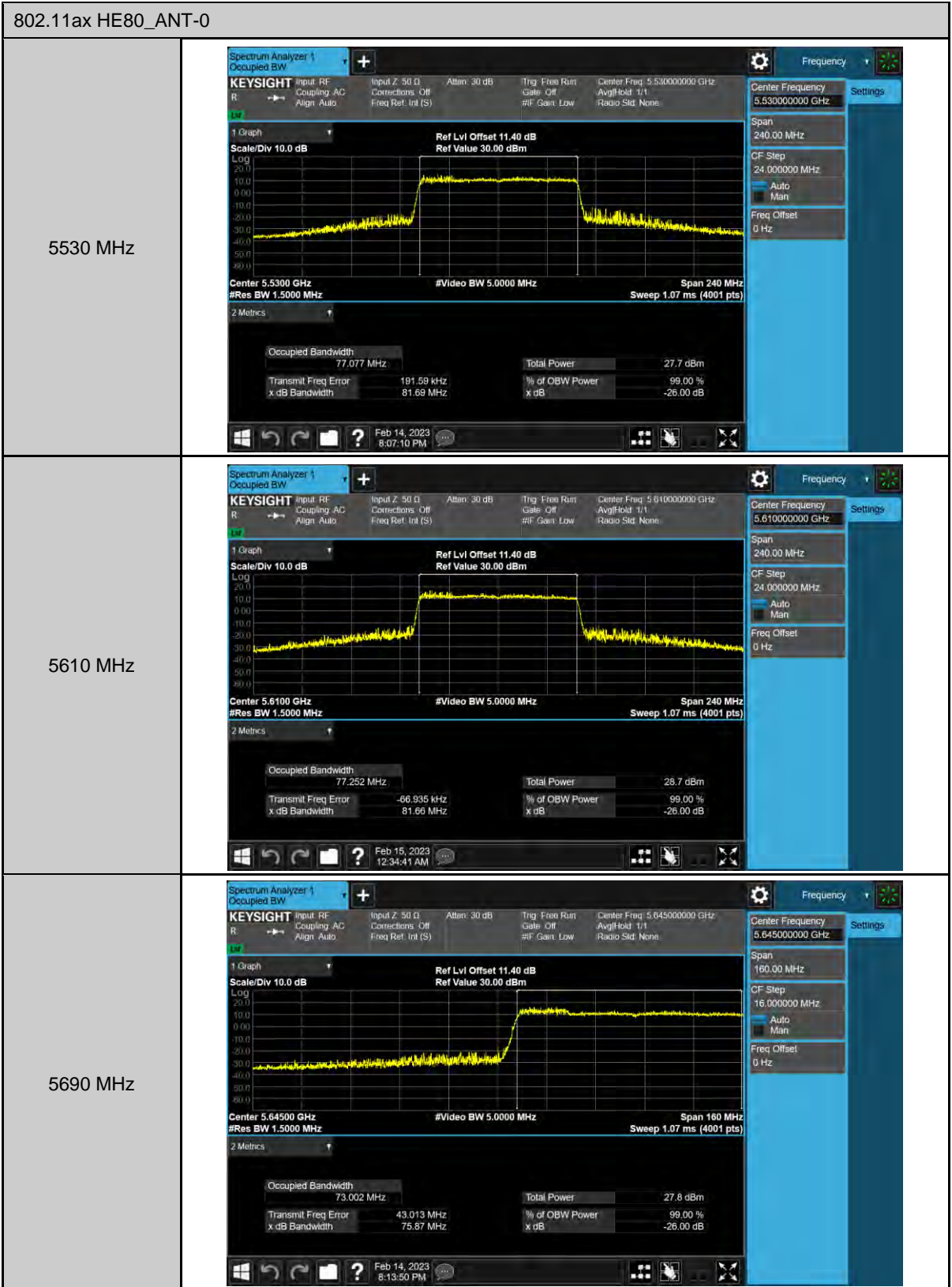
99% Occupied Bandwidth

802.11ax HE20_ANT-0													
5500 MHz	<p>Center 5.500000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.145 MHz</td> <td>Total Power</td> <td>24.8 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>30.770 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.94 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.145 MHz	Total Power	24.8 dBm	Transmit Freq Error	30.770 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.94 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.145 MHz	Total Power	24.8 dBm										
Transmit Freq Error	30.770 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.94 MHz	x dB	-26.00 dB										
5560 MHz	<p>Center 5.560000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.137 MHz</td> <td>Total Power</td> <td>25.0 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>46.473 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.66 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.137 MHz	Total Power	25.0 dBm	Transmit Freq Error	46.473 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.66 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.137 MHz	Total Power	25.0 dBm										
Transmit Freq Error	46.473 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.66 MHz	x dB	-26.00 dB										
5700 MHz	<p>Center 5.700000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.139 MHz</td> <td>Total Power</td> <td>24.8 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>52.113 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.71 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.139 MHz	Total Power	24.8 dBm	Transmit Freq Error	52.113 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.71 MHz	x dB	-26.00 dB
Occupied Bandwidth	19.139 MHz	Total Power	24.8 dBm										
Transmit Freq Error	52.113 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.71 MHz	x dB	-26.00 dB										

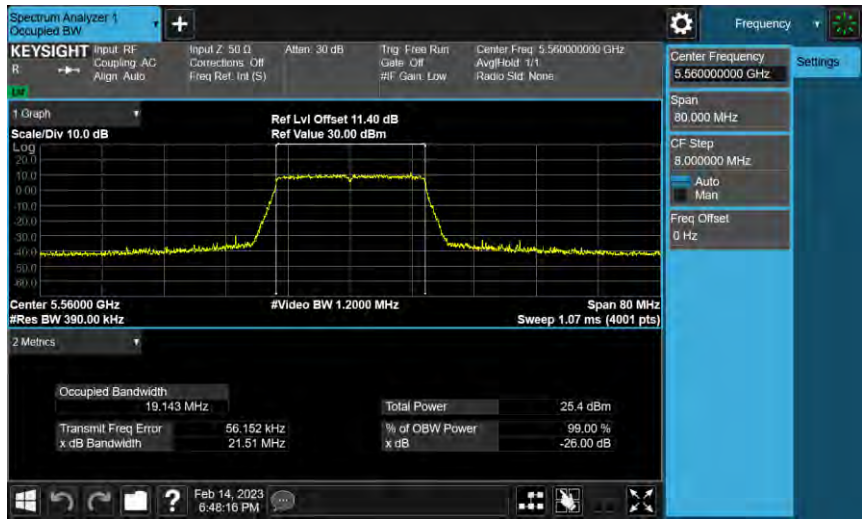


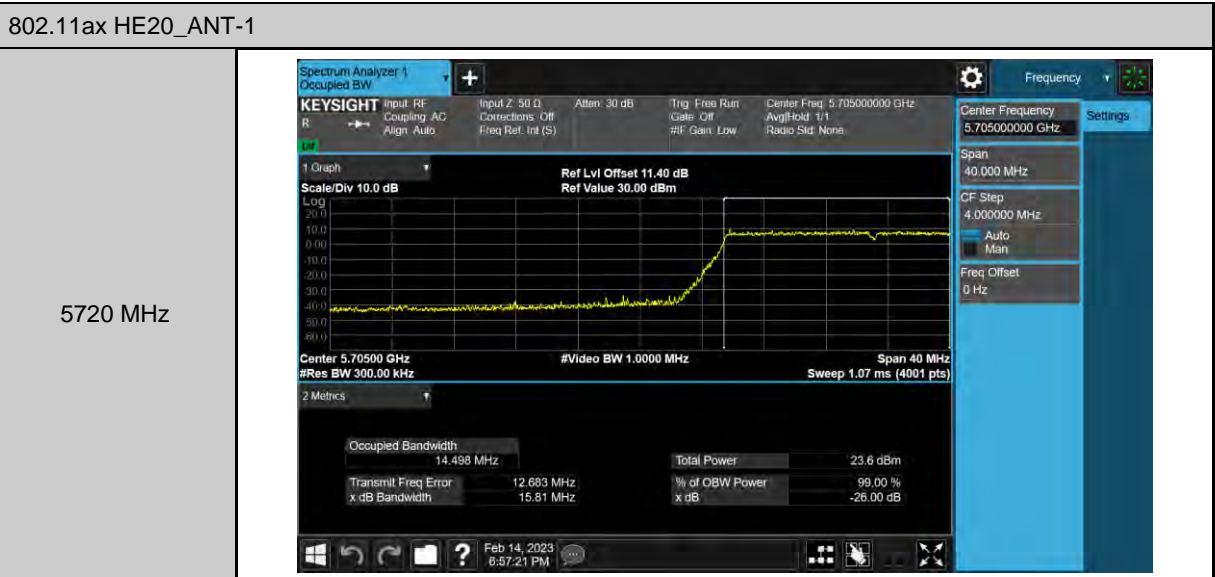






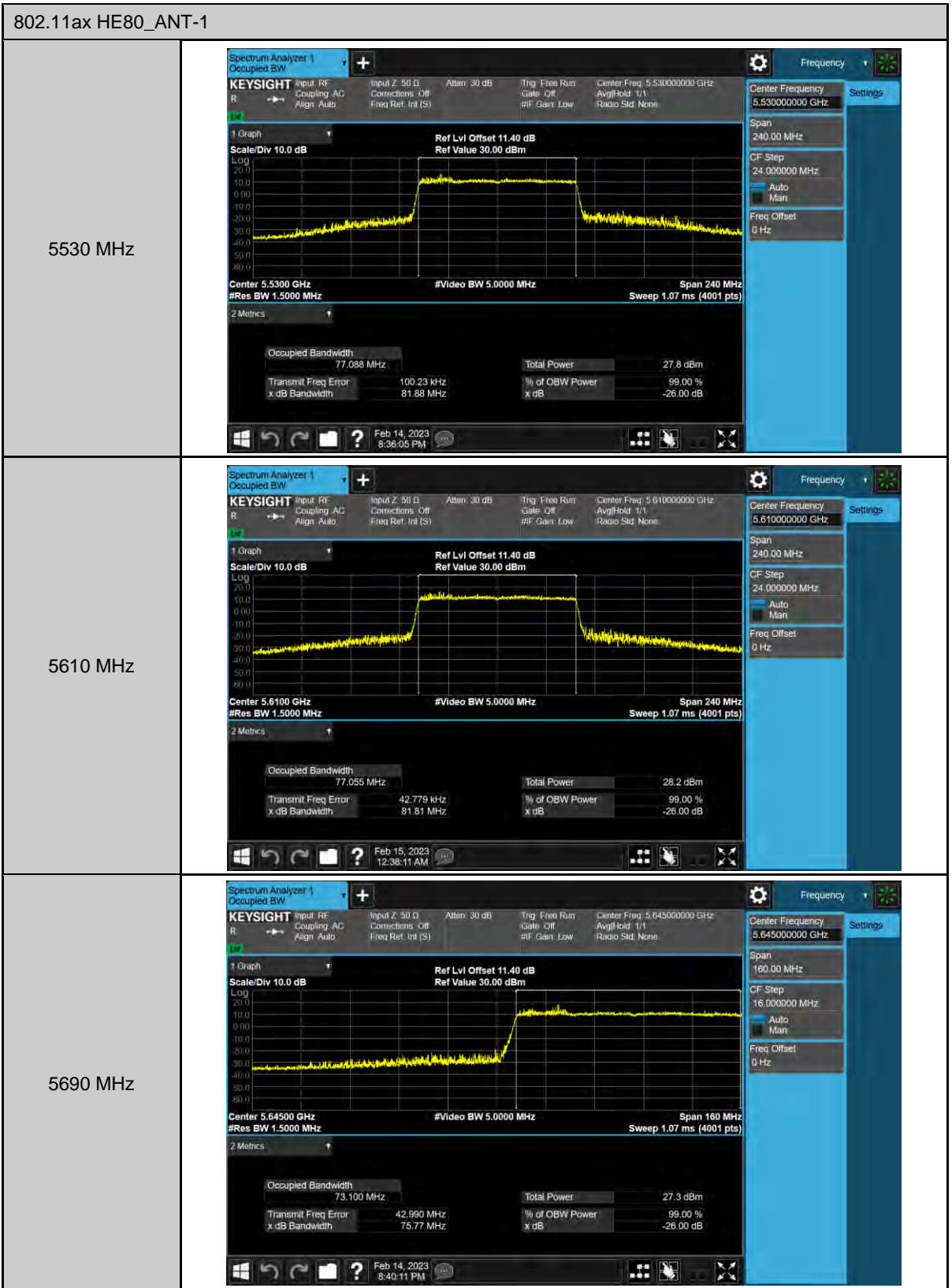


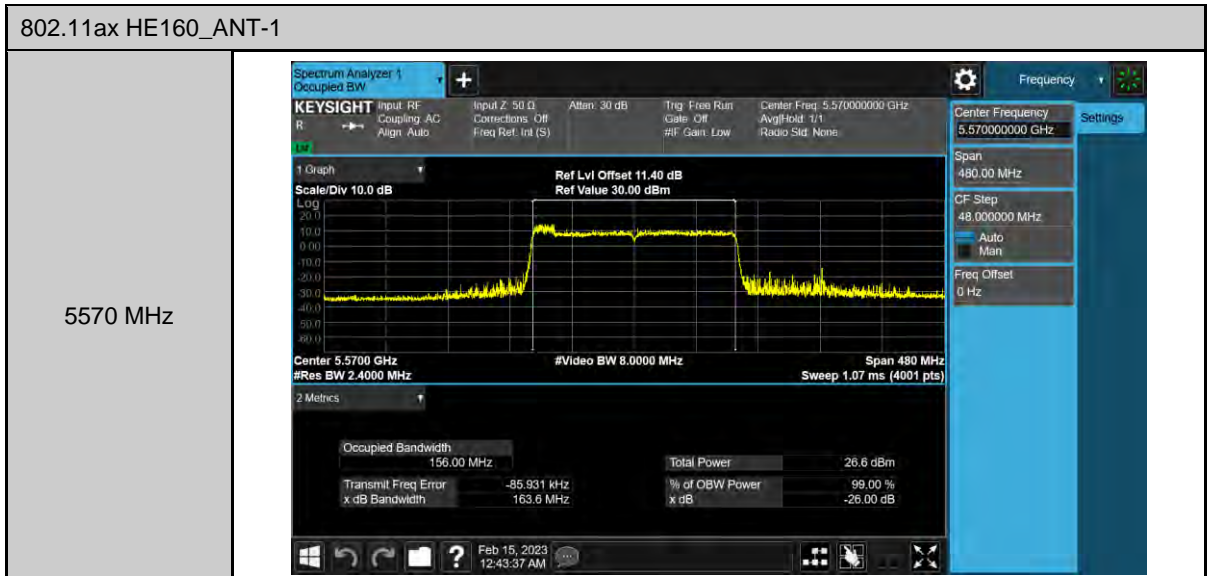
802.11ax HE20_ANT-1	
5500 MHz	 <p>Center Frequency: 5.50000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 19.100 MHz Total Power: 25.0 dBm Transmit Freq Error: 35.260 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.74 MHz x dB: -26.00 dB</p>
5560 MHz	 <p>Center Frequency: 5.56000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 19.143 MHz Total Power: 25.4 dBm Transmit Freq Error: 56.152 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.51 MHz x dB: -26.00 dB</p>
5700 MHz	 <p>Center Frequency: 5.70000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 19.152 MHz Total Power: 25.0 dBm Transmit Freq Error: 27.994 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.70 MHz x dB: -26.00 dB</p>





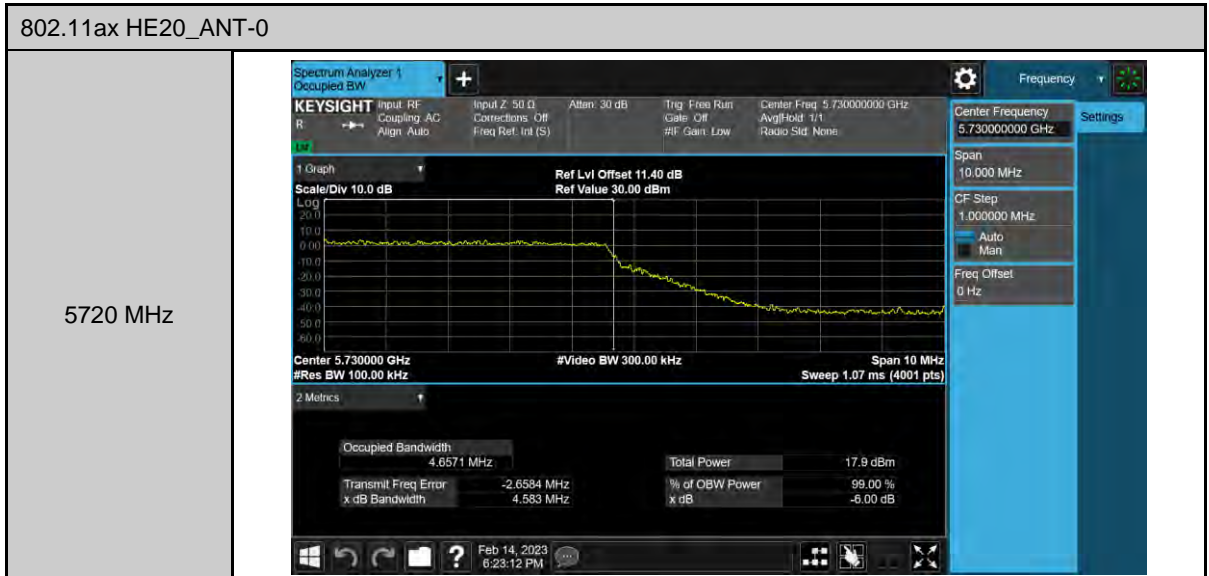


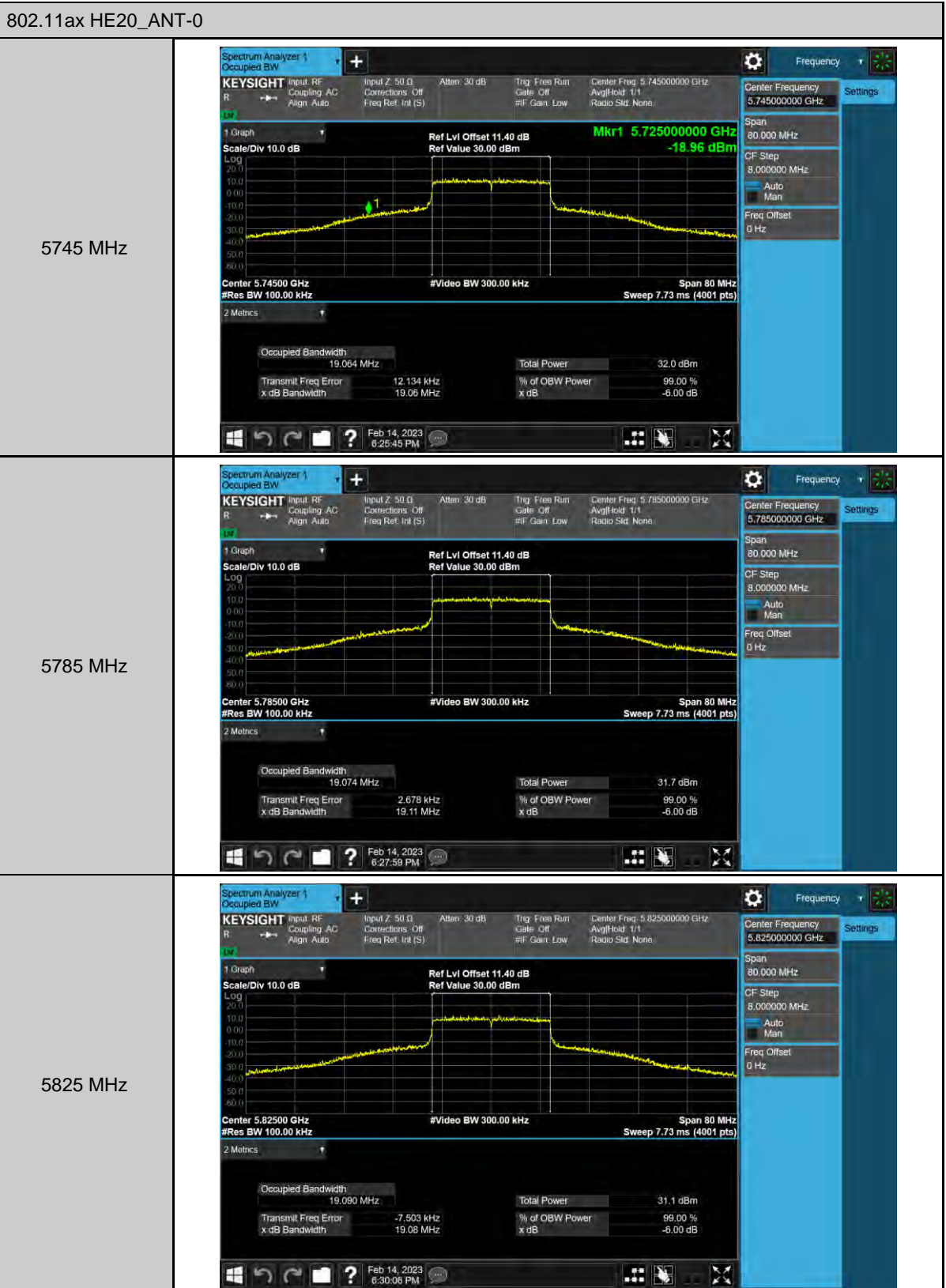


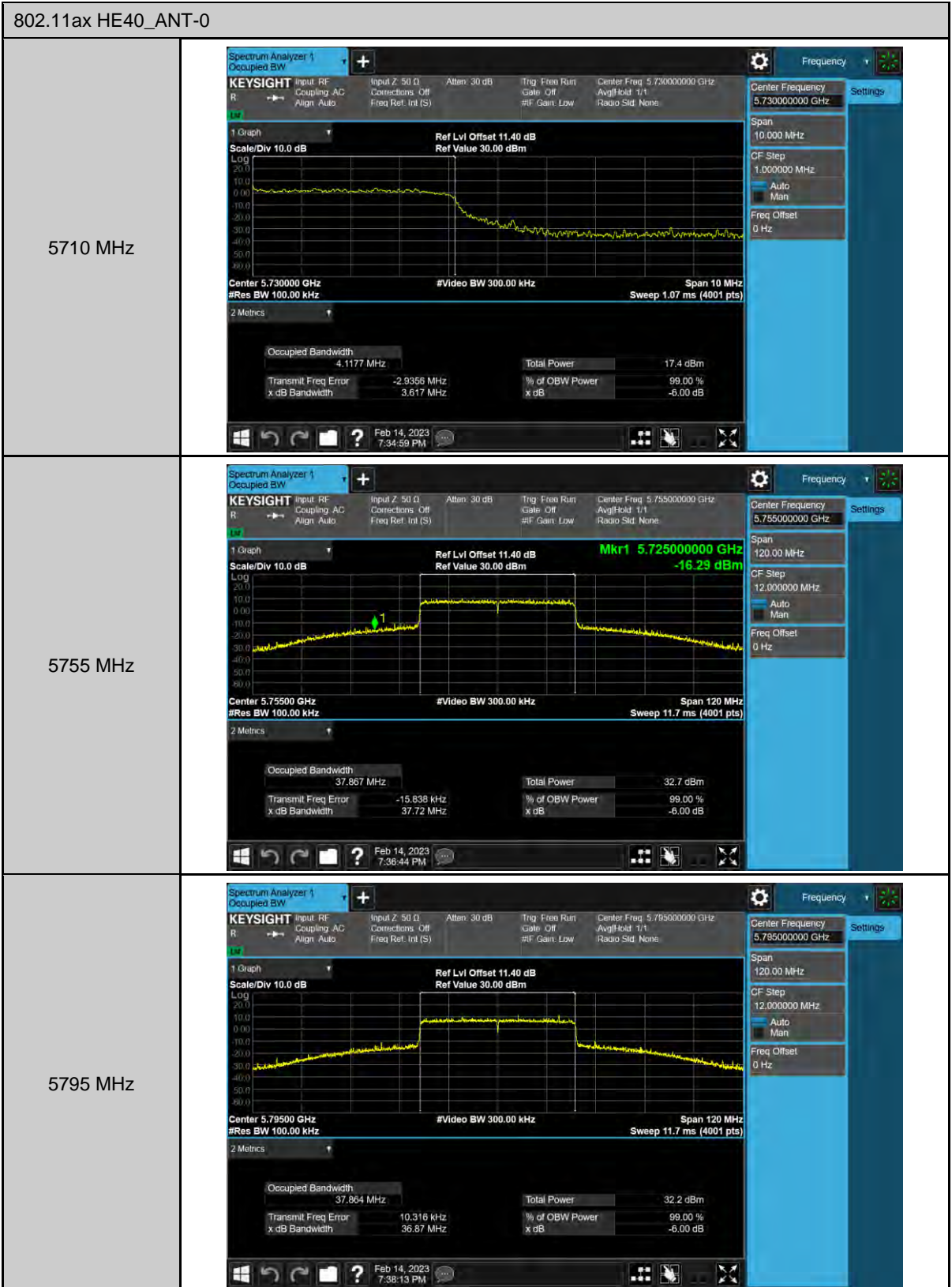


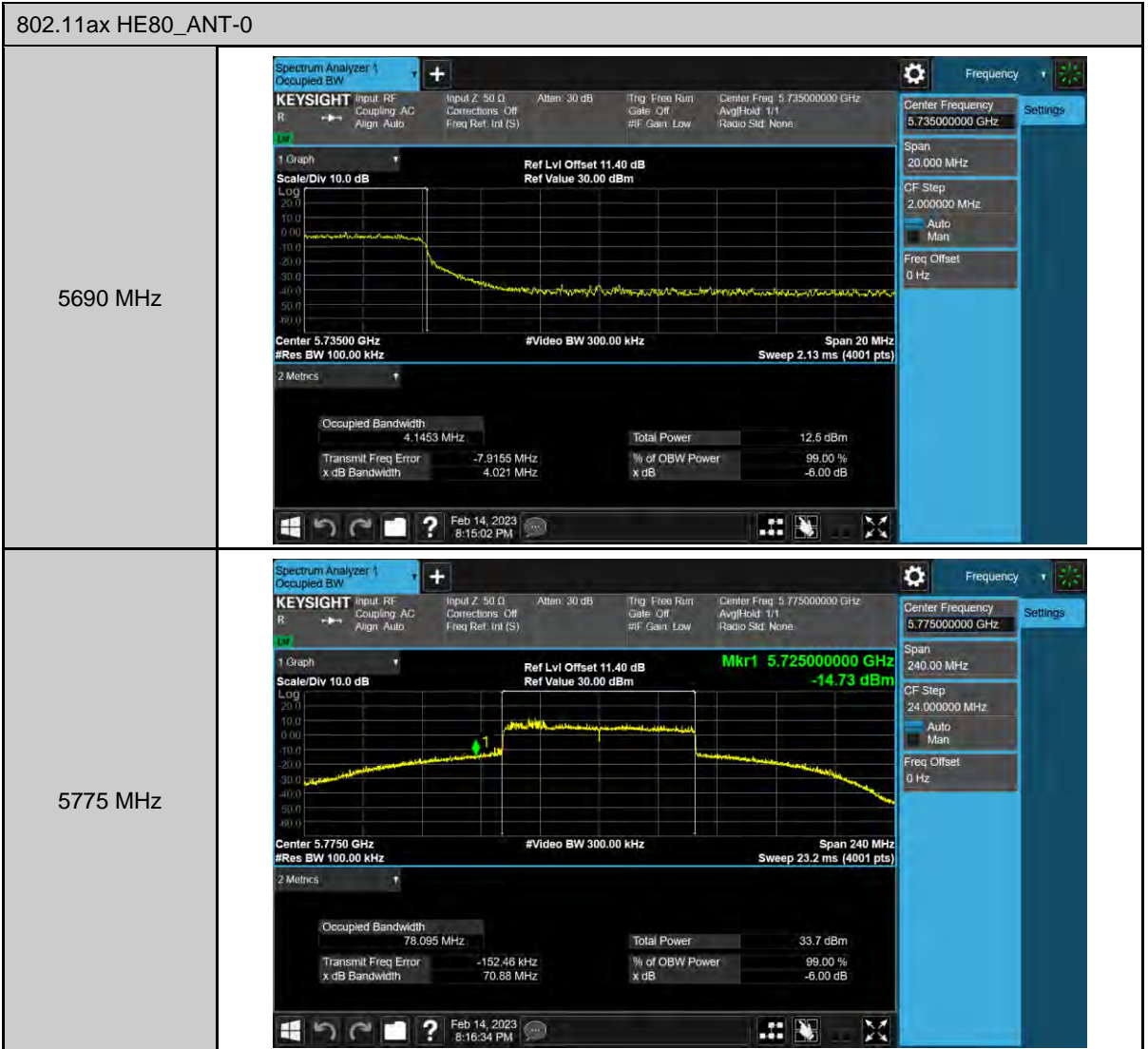
6 dB Bandwidth

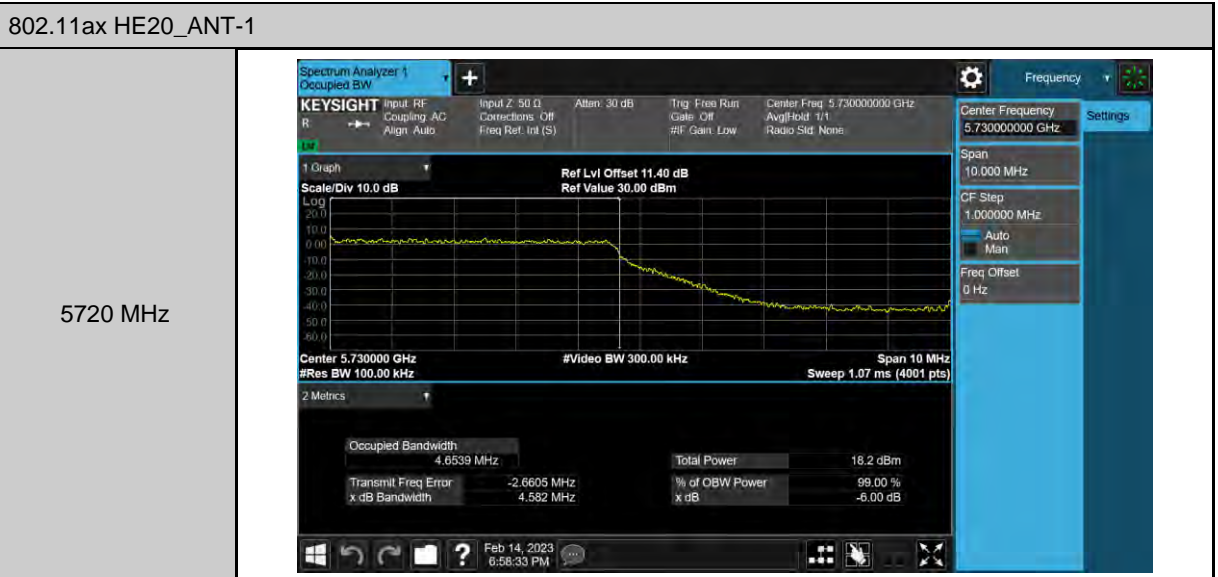
802.11ax HE20_ANT-0

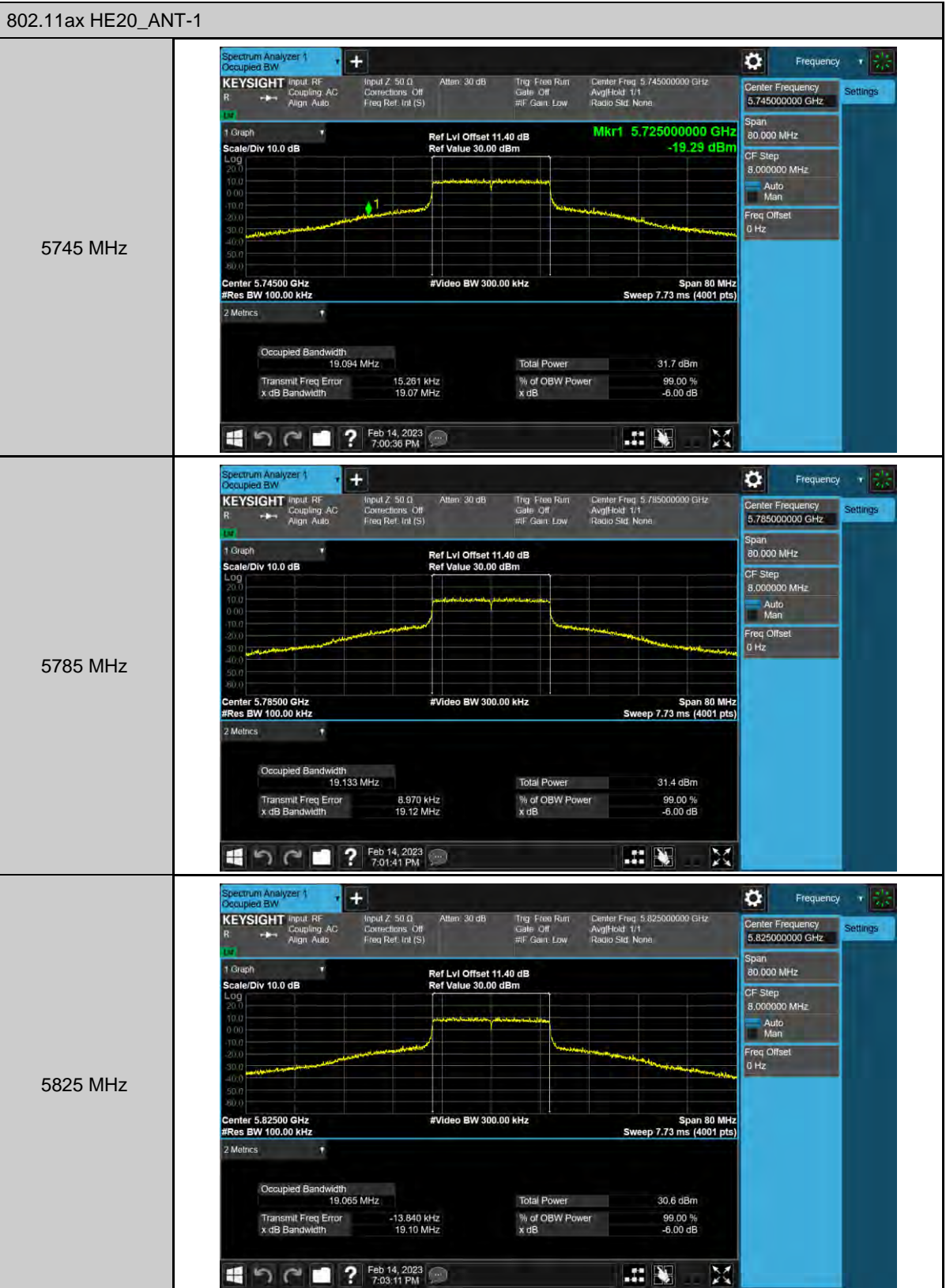


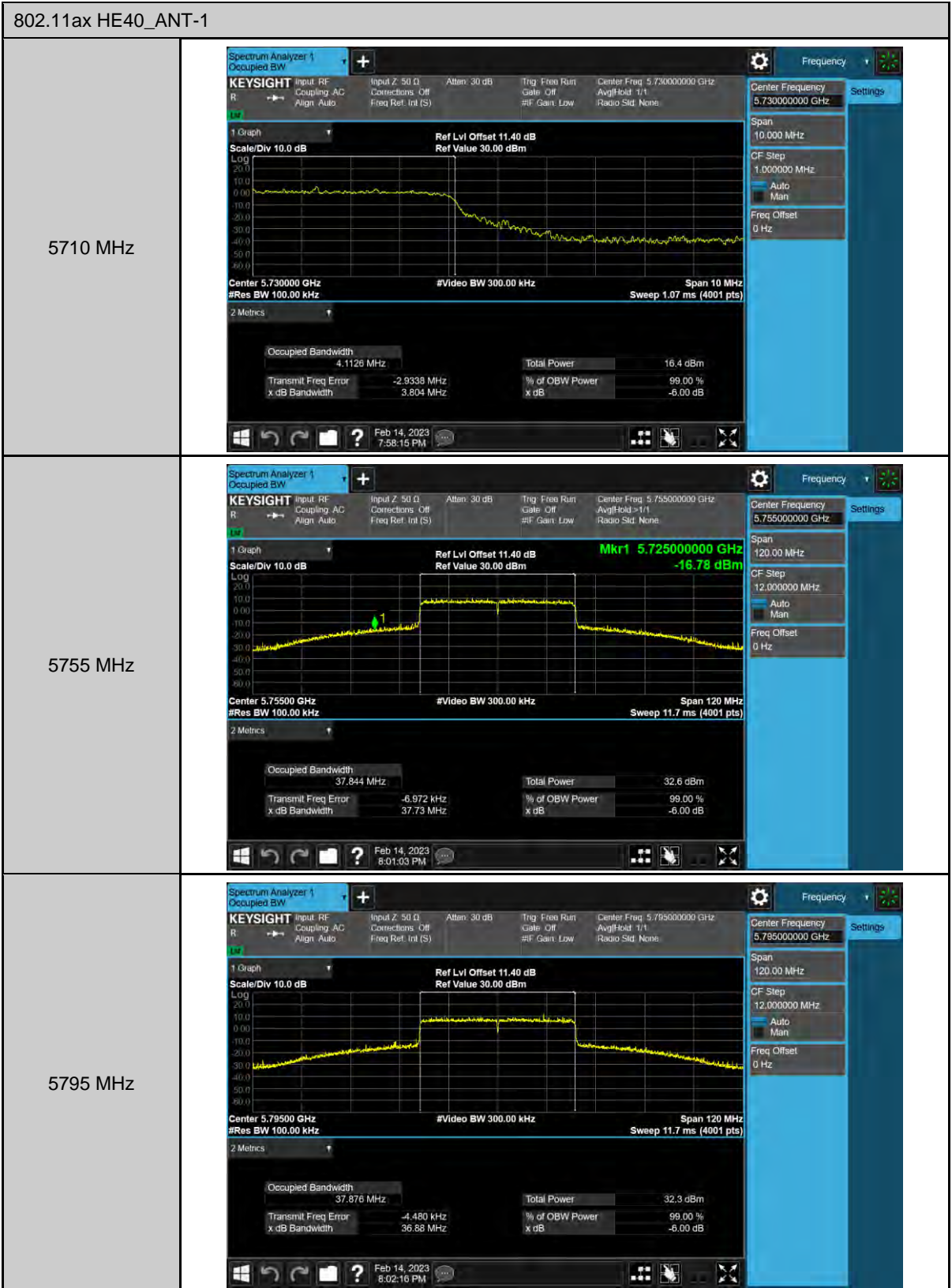






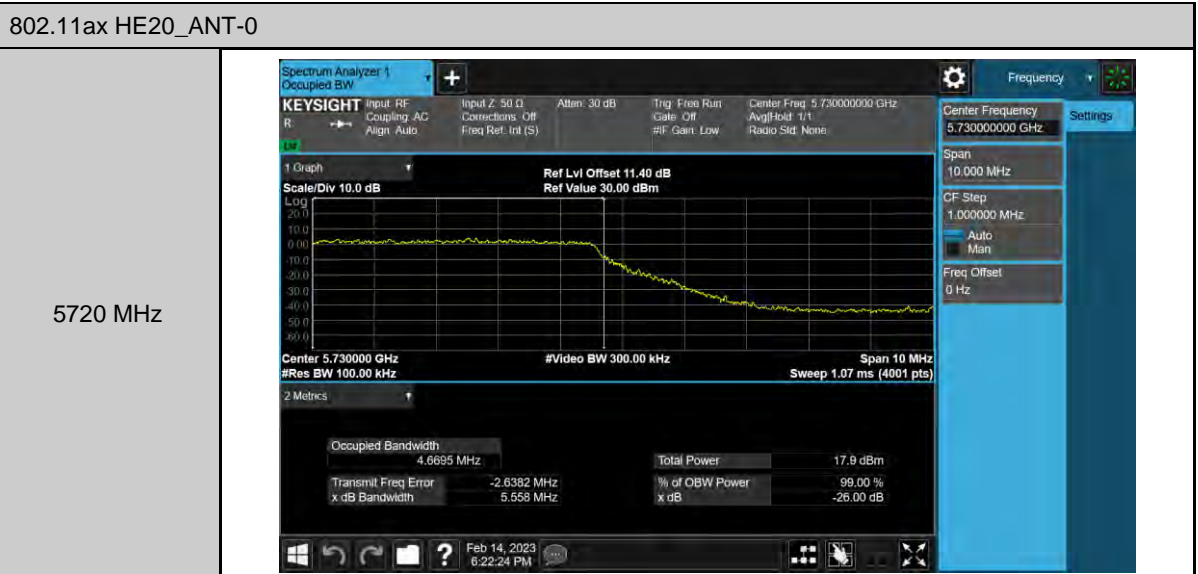


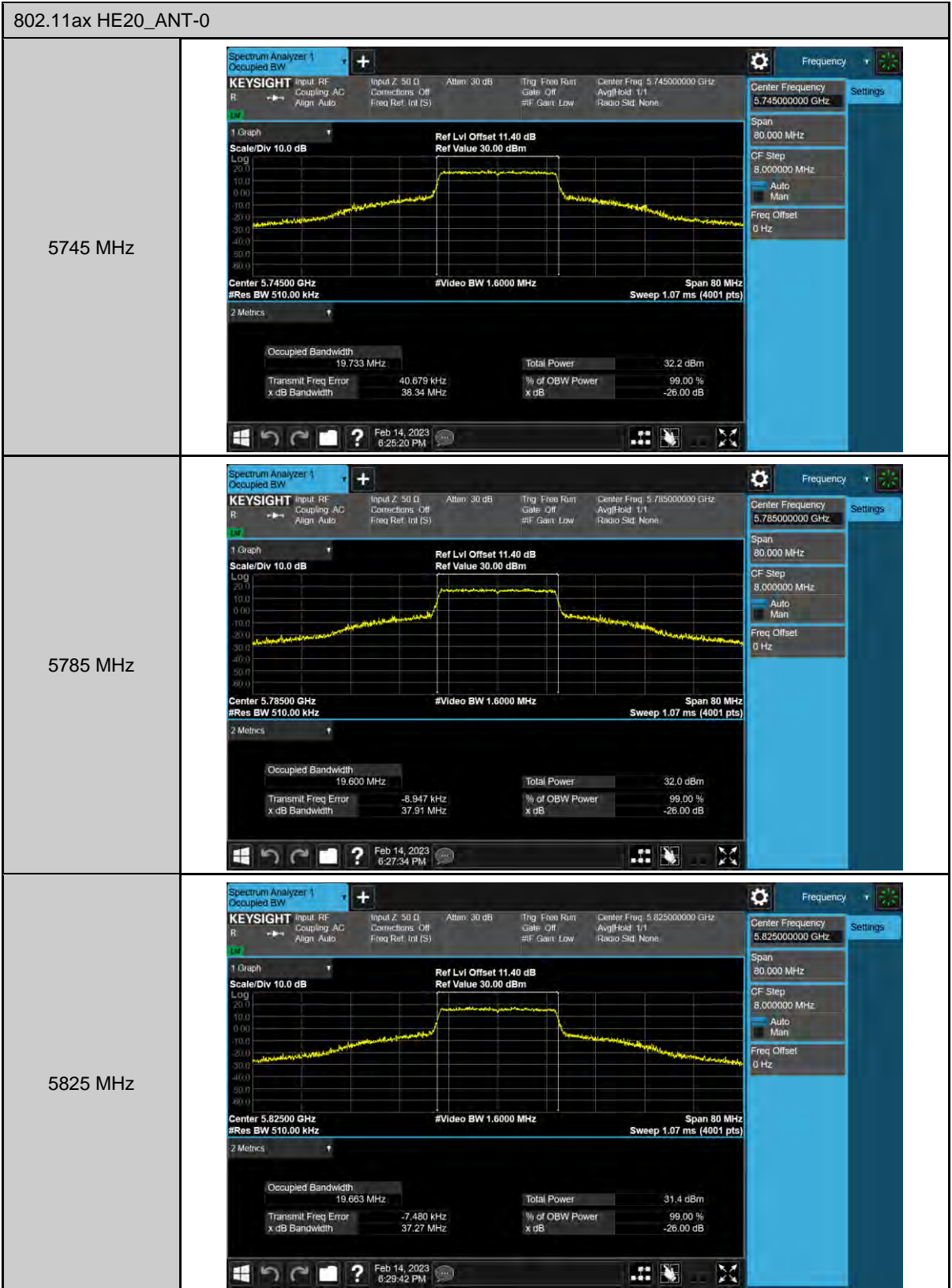


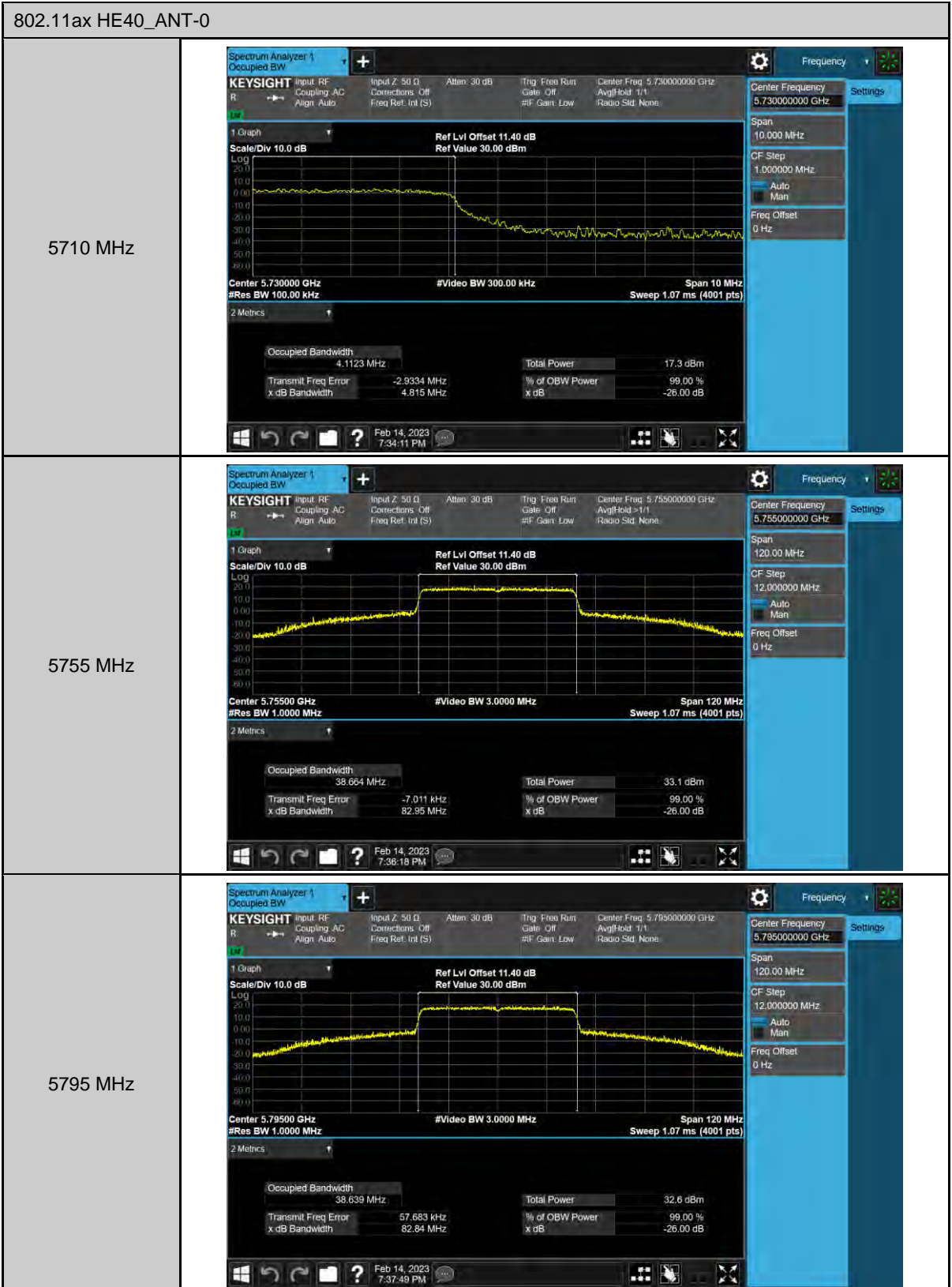


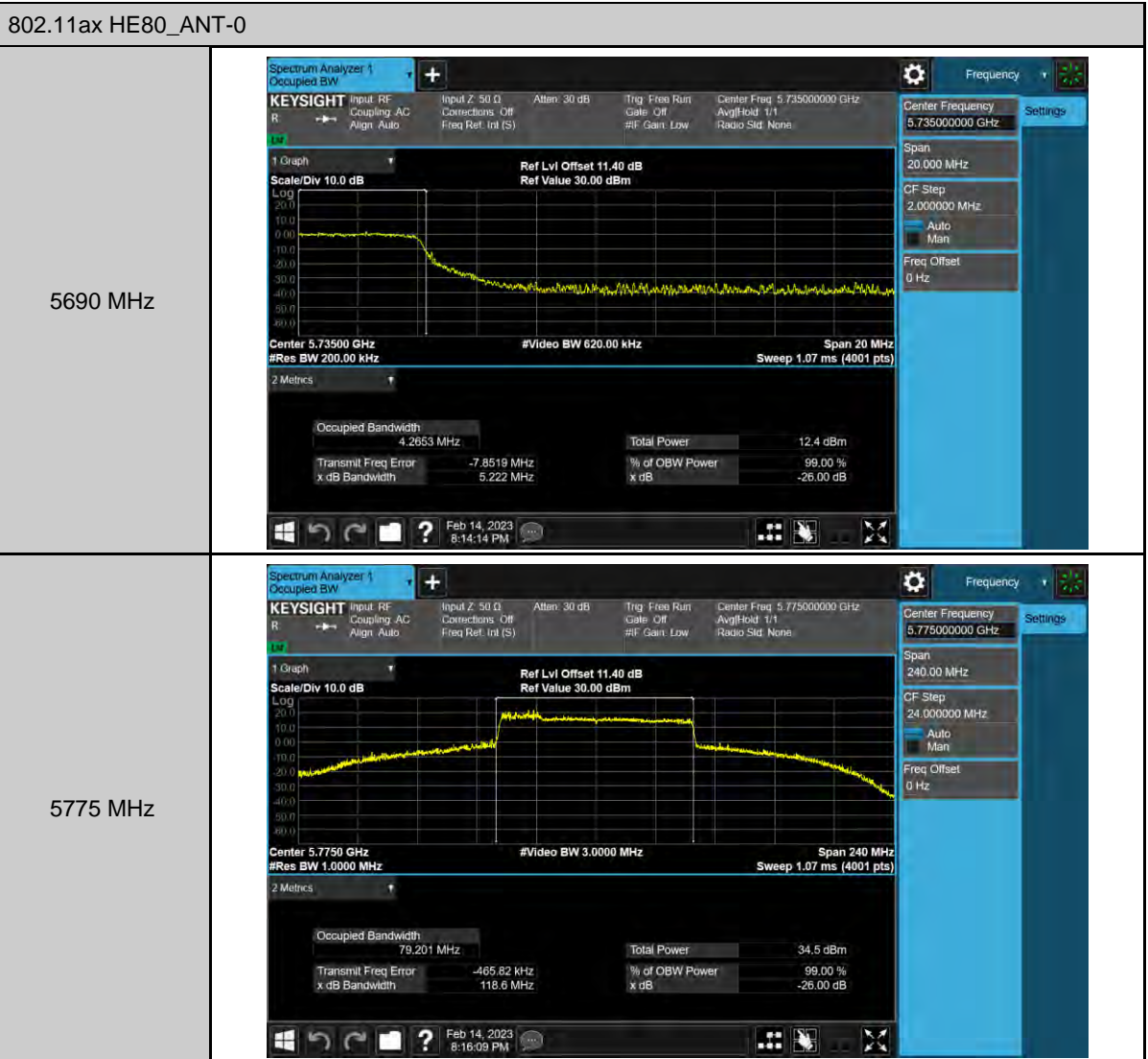


99% Occupied Bandwidth

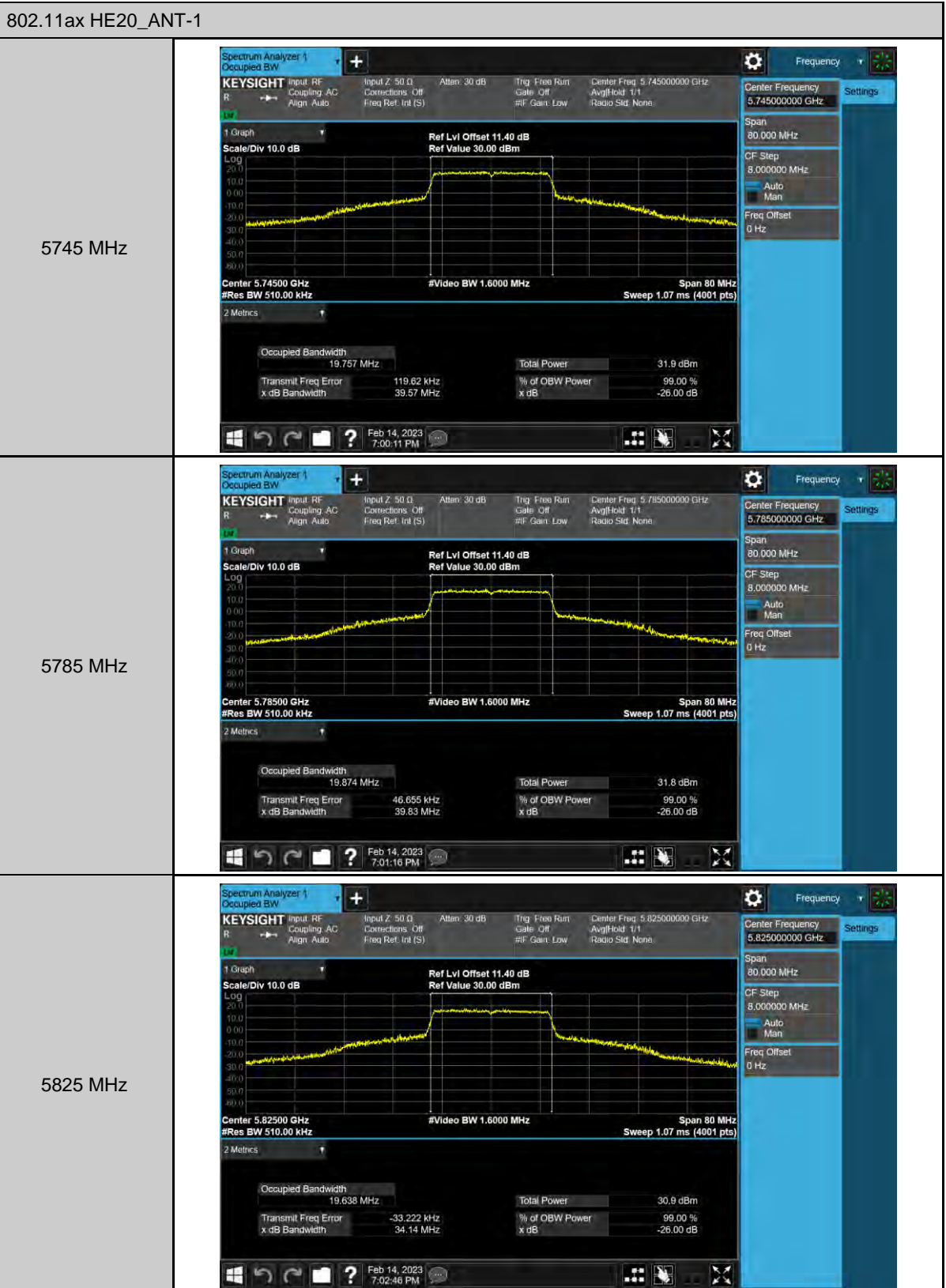


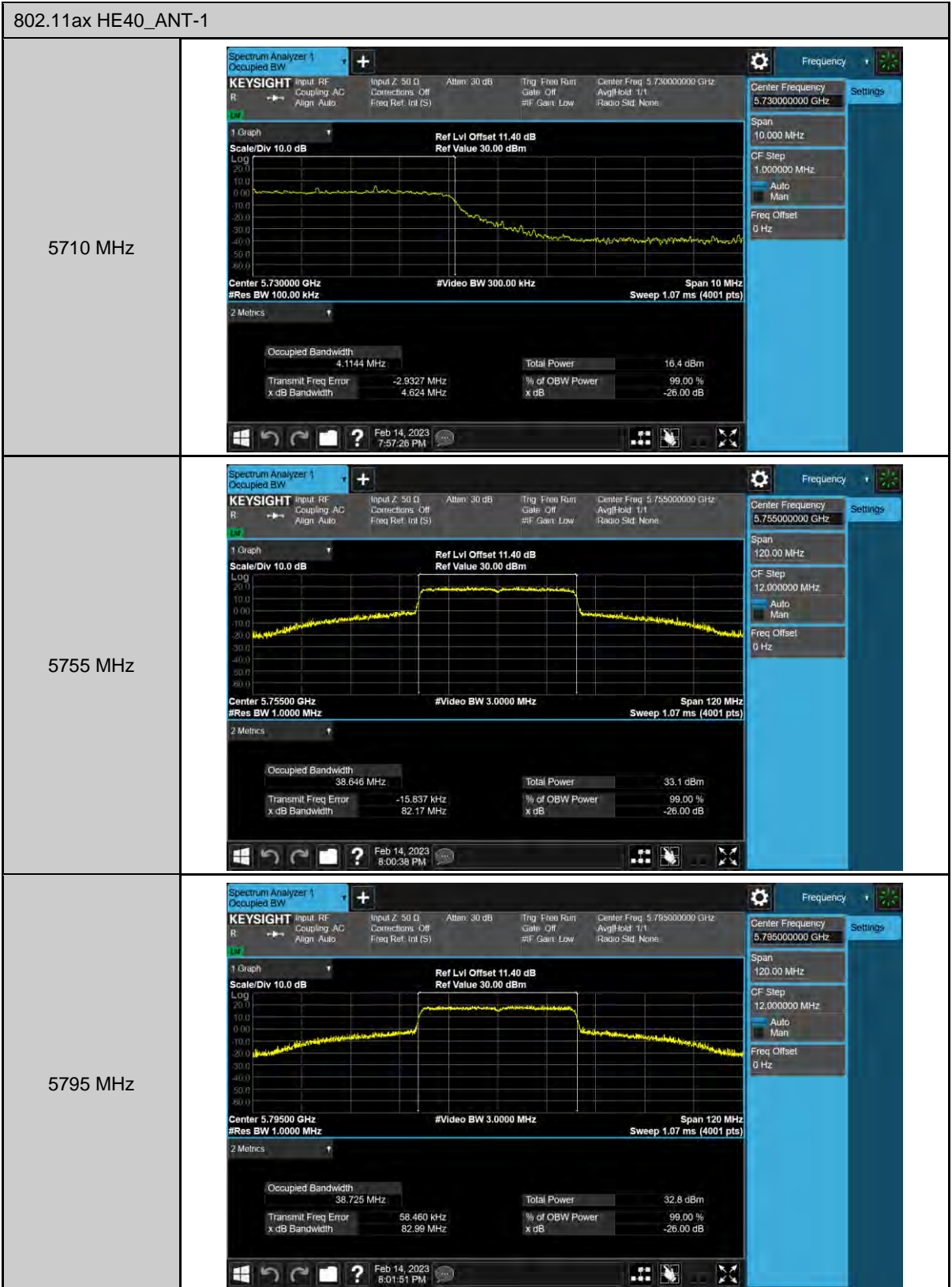


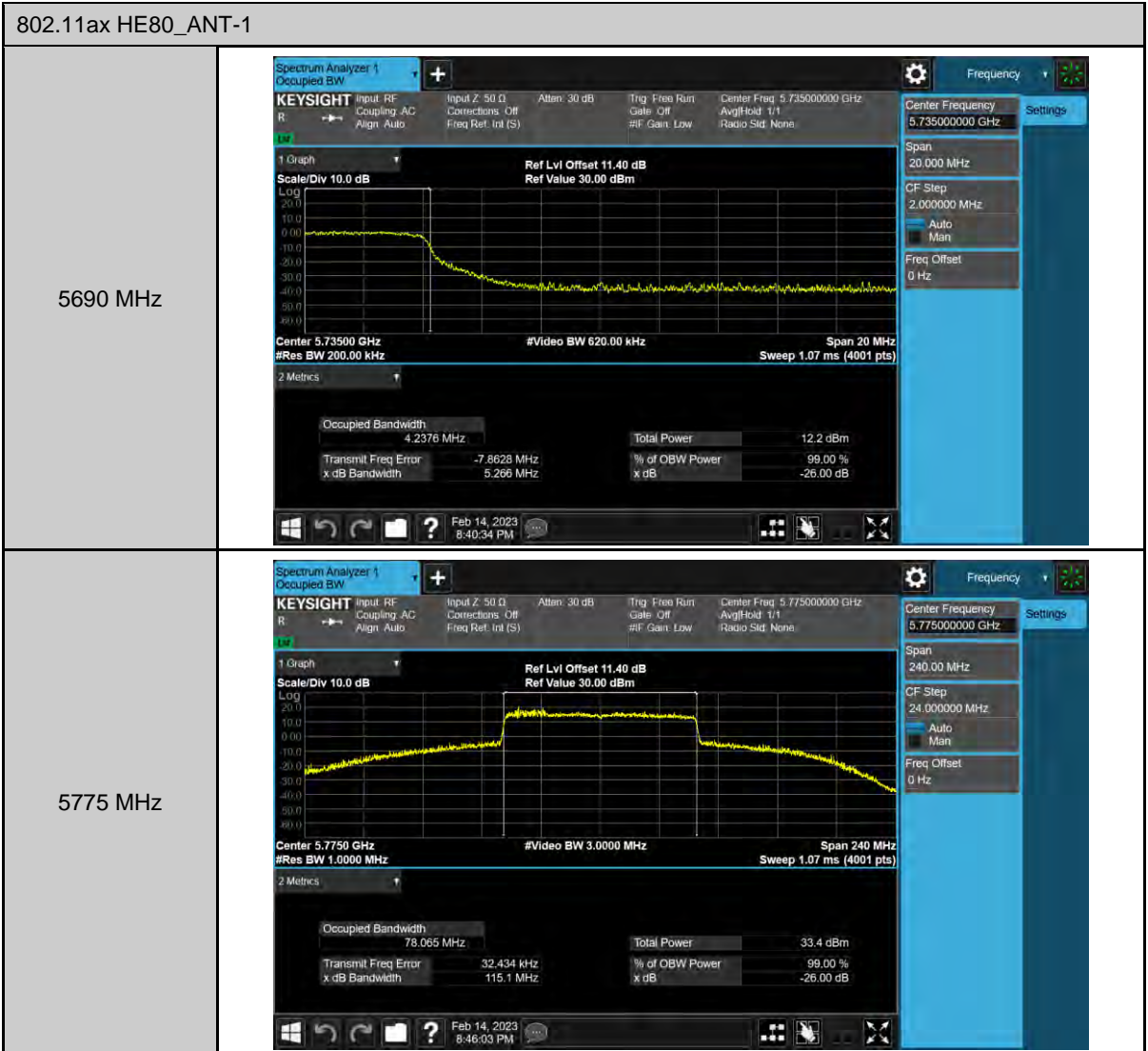








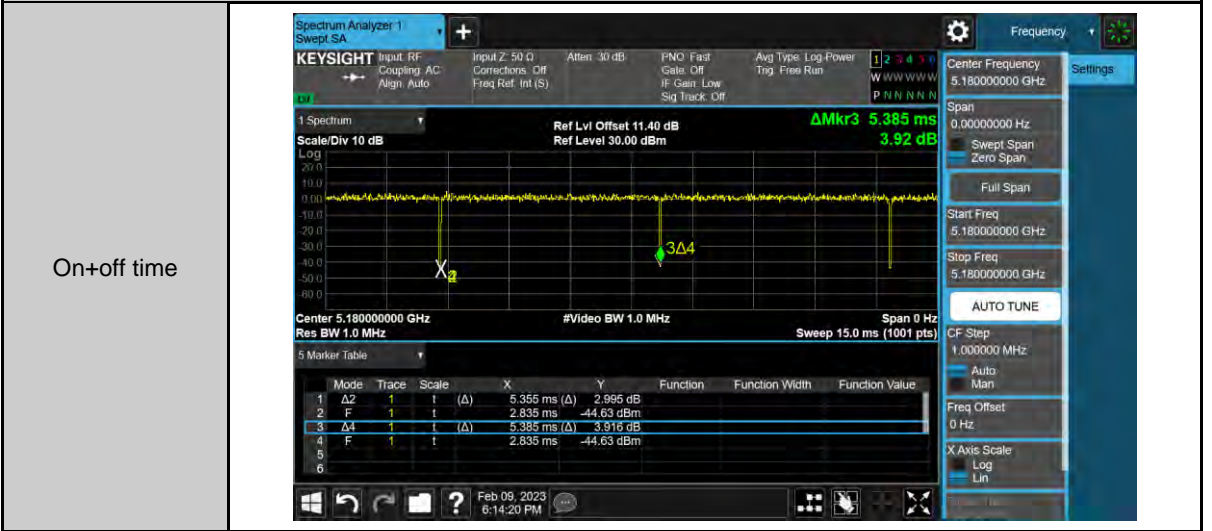




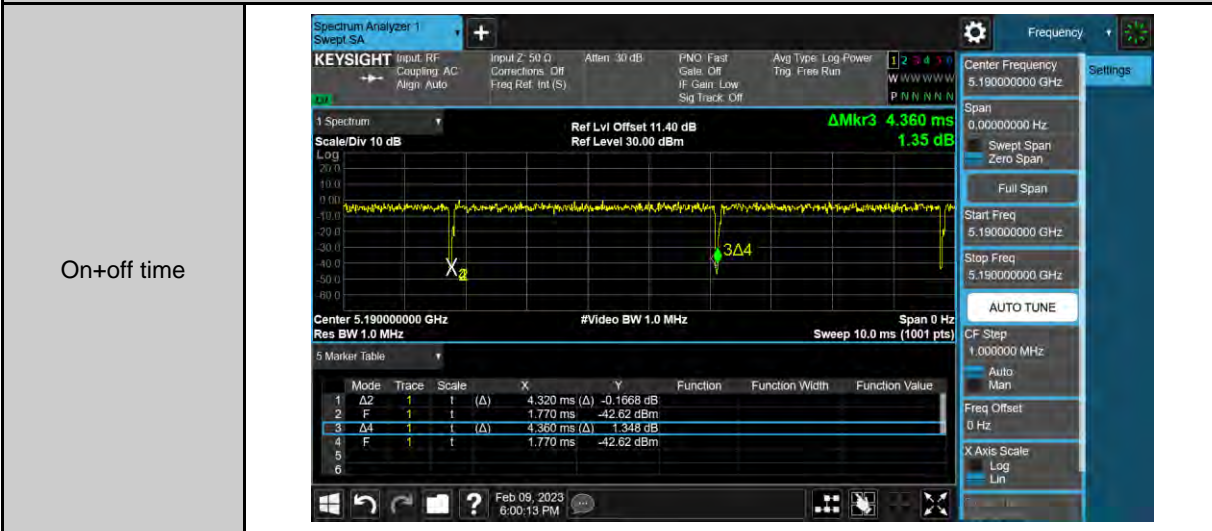
Beamforming on
MIMO Low Band B1 & B2A 4X4

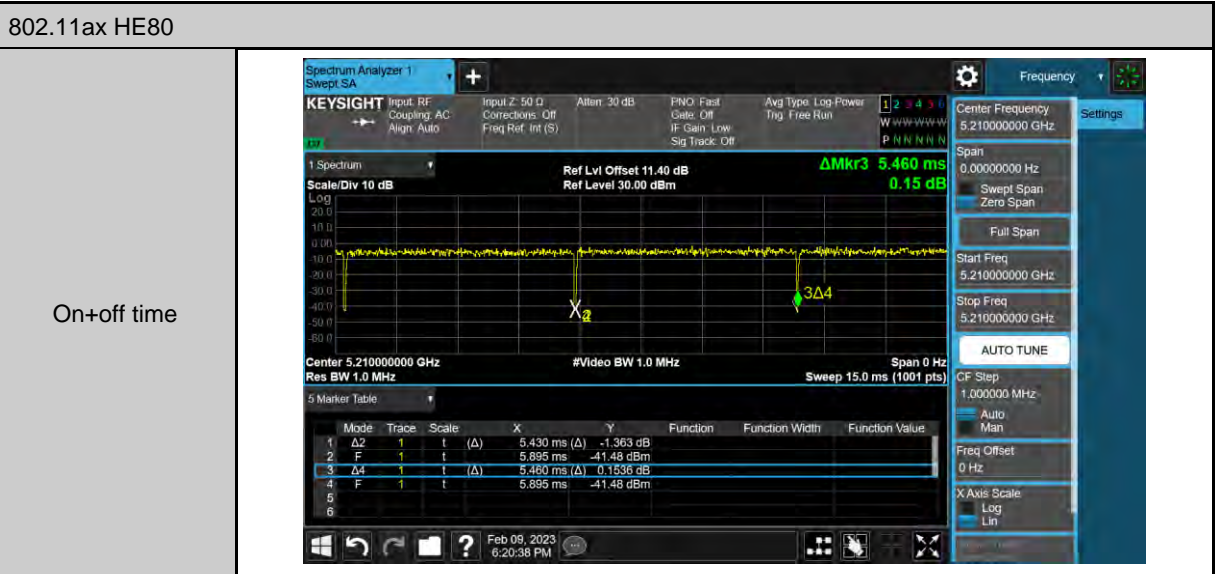
Duty Cycle

802.11ax HE20

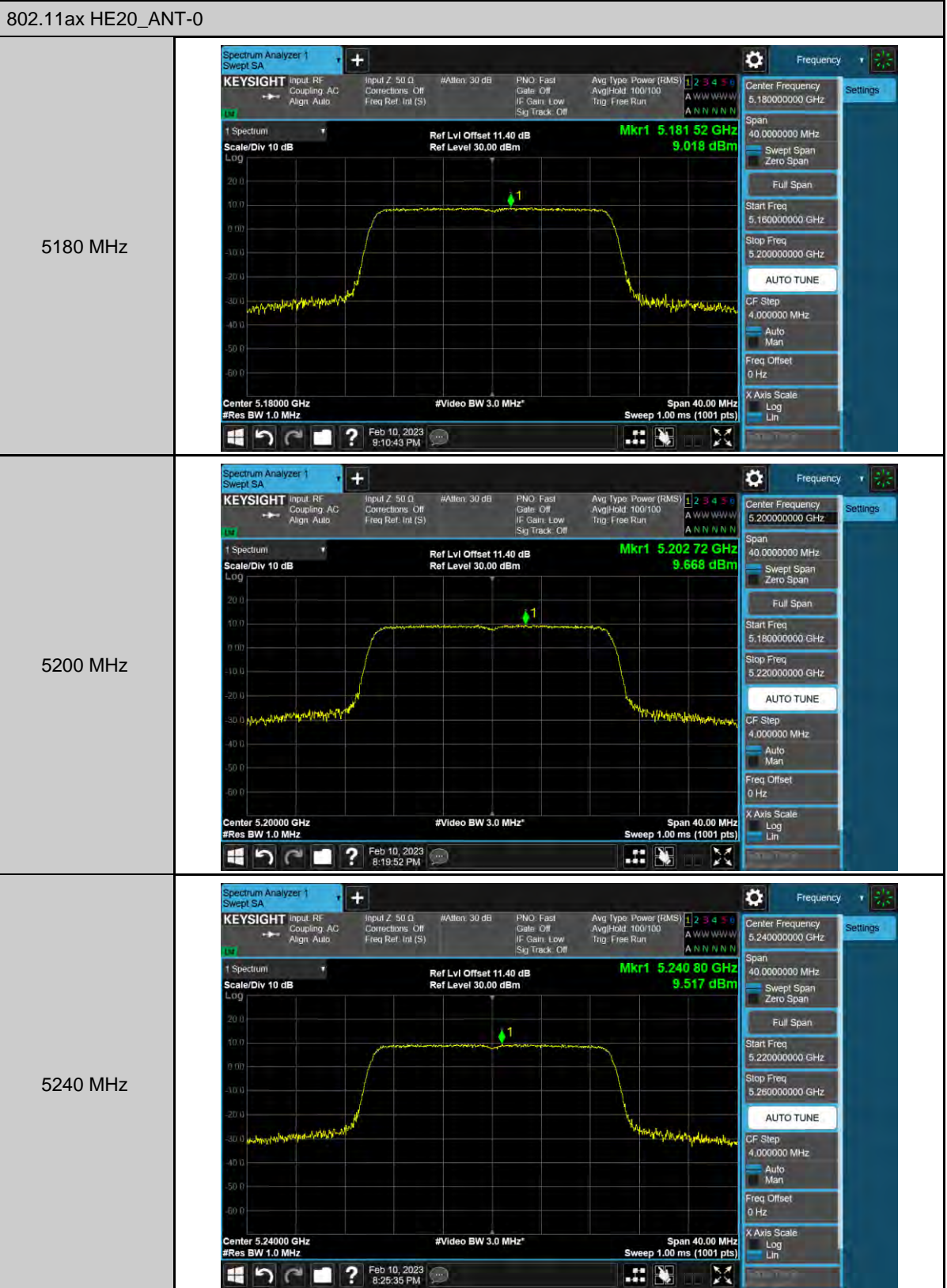


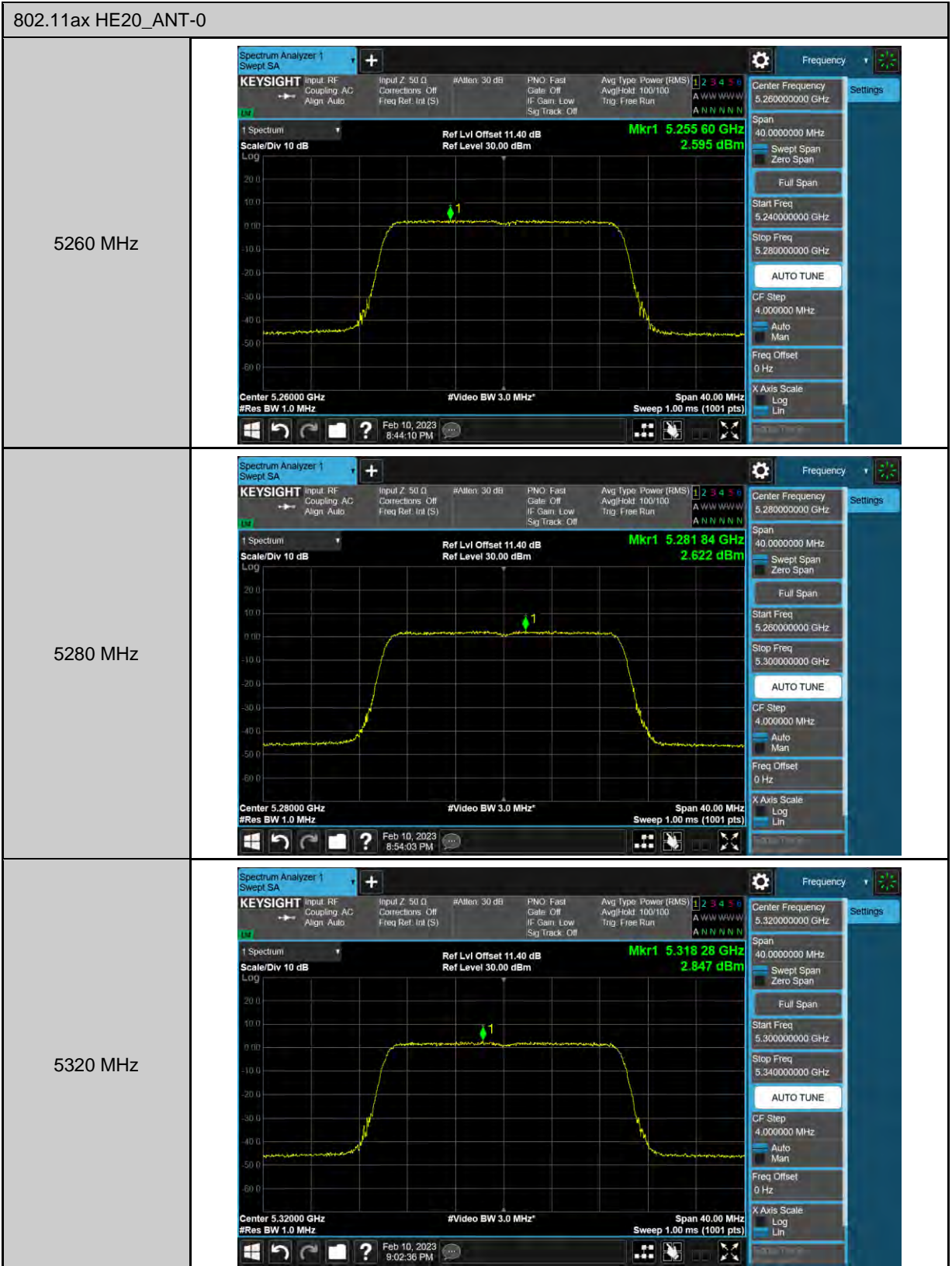
802.11ax HE40

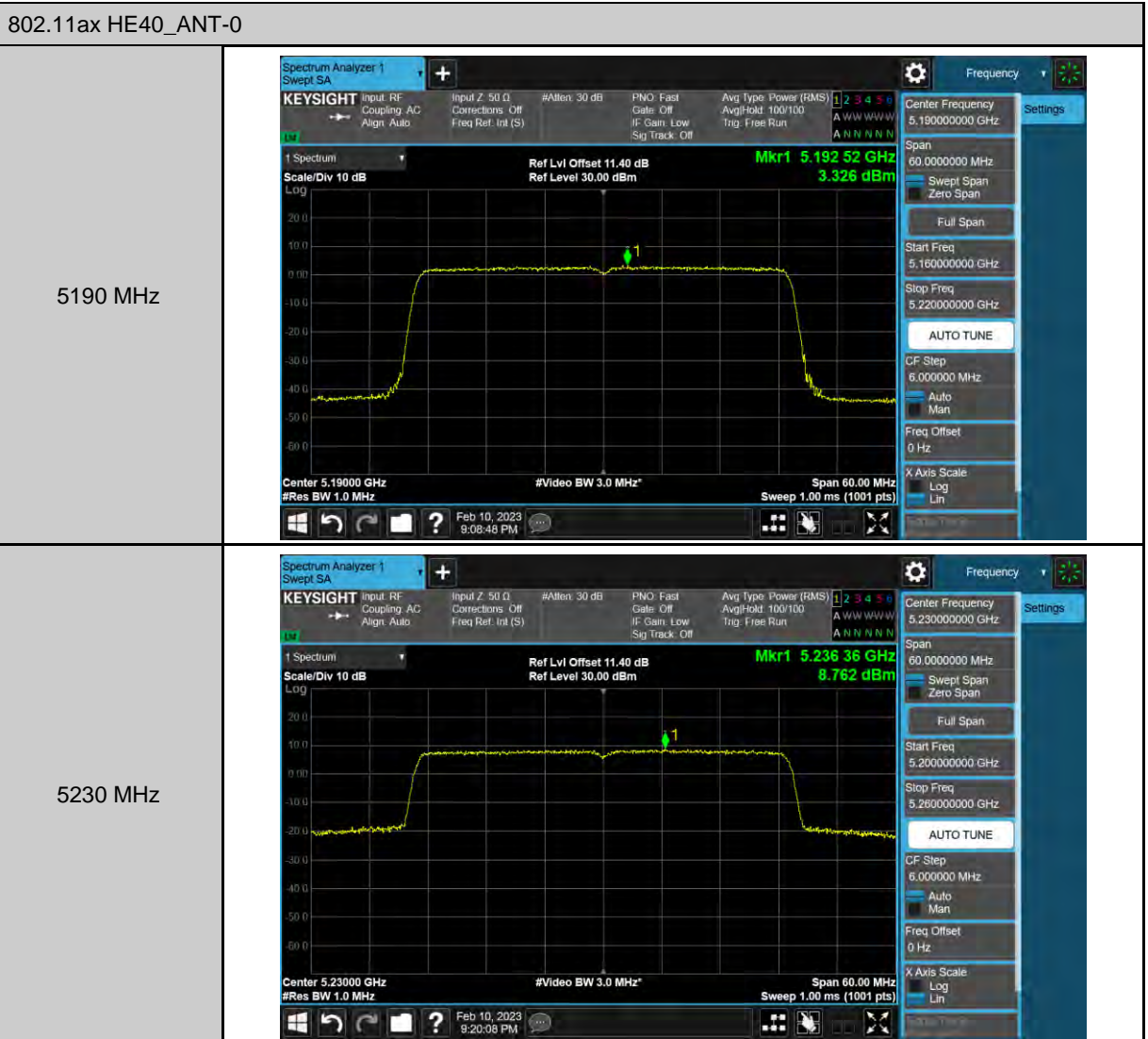


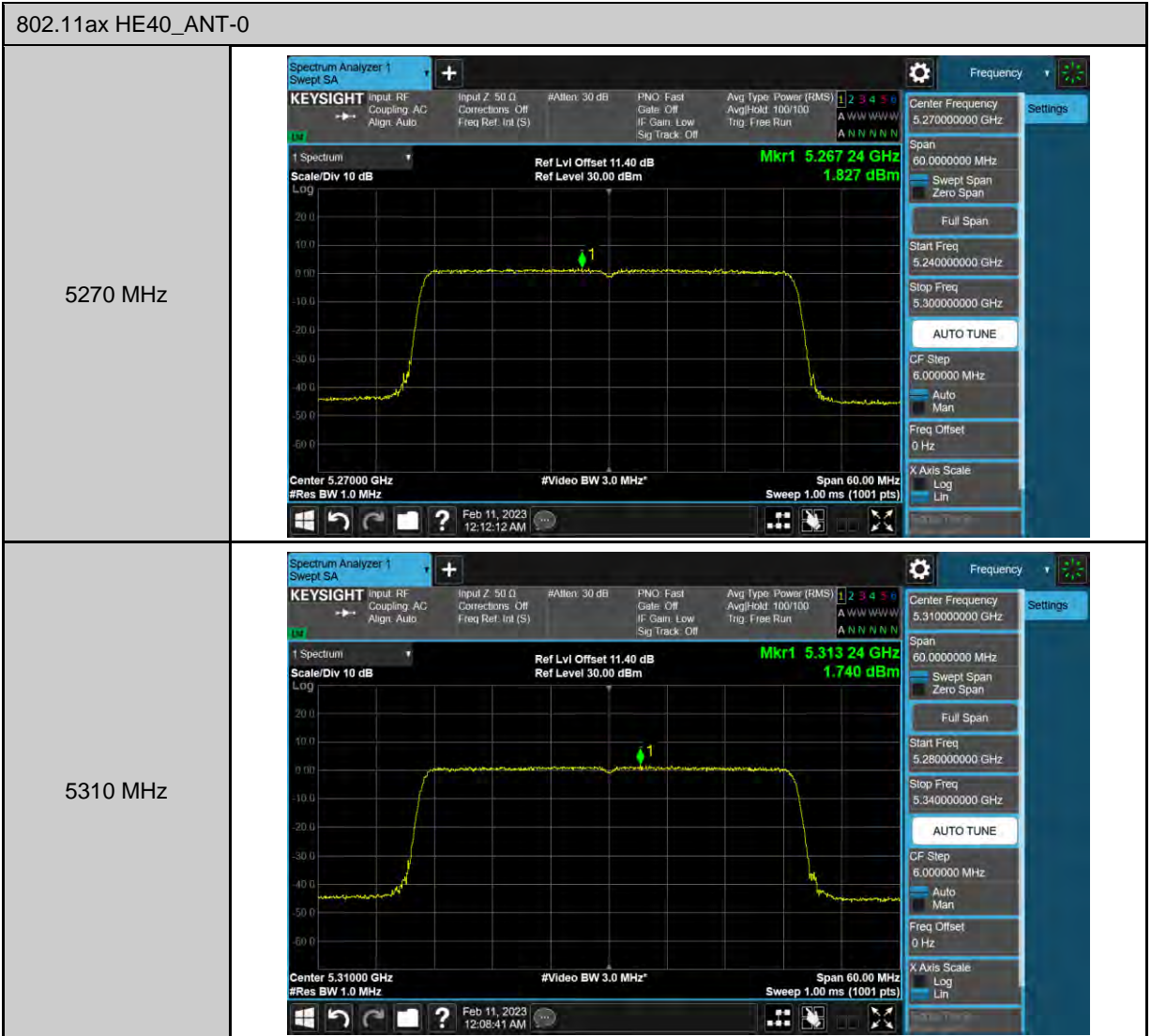


Maximum Power Spectral Density









802.11ax HE80_ANT-0

5210 MHz



5290 MHz

