

802.11ax HE20_ANT-1

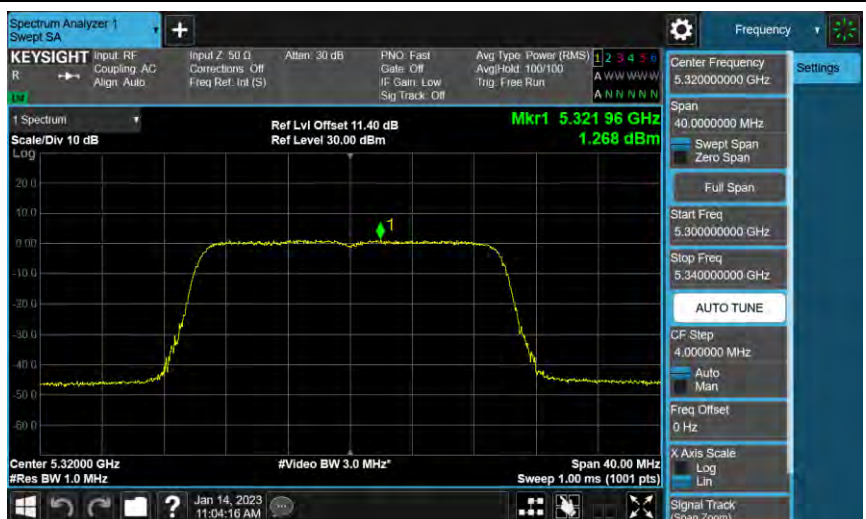
5260 MHz

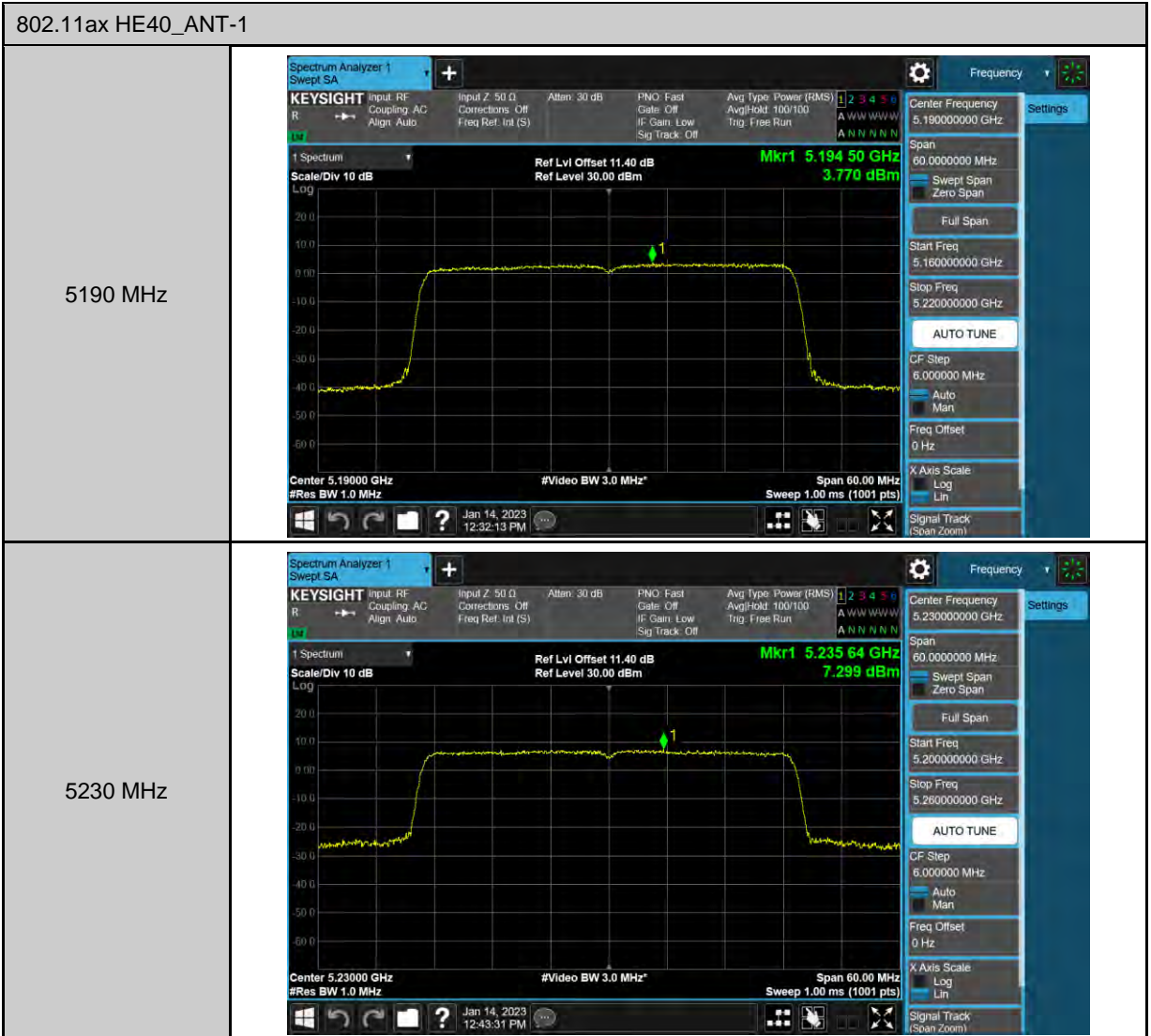


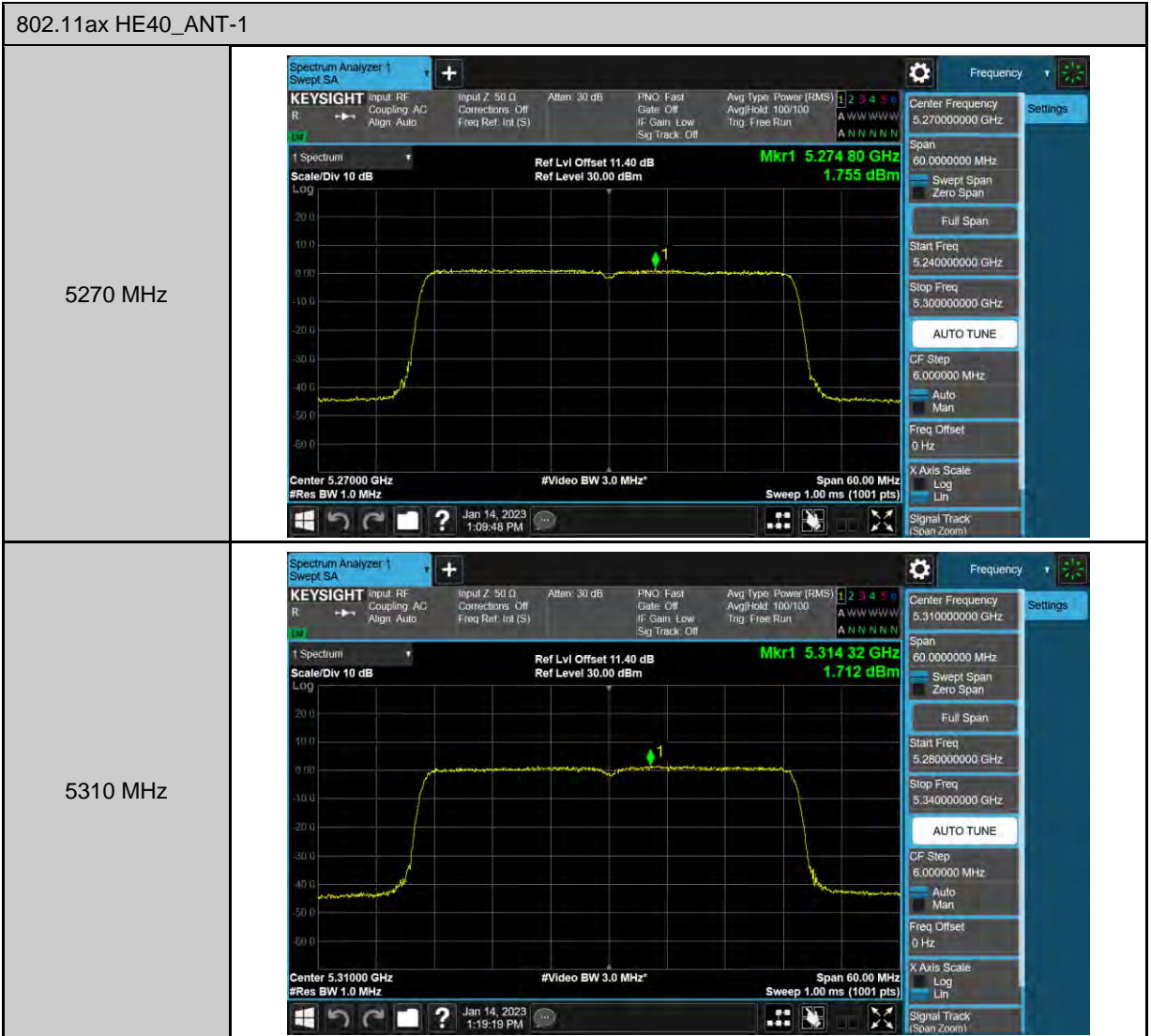
5280 MHz

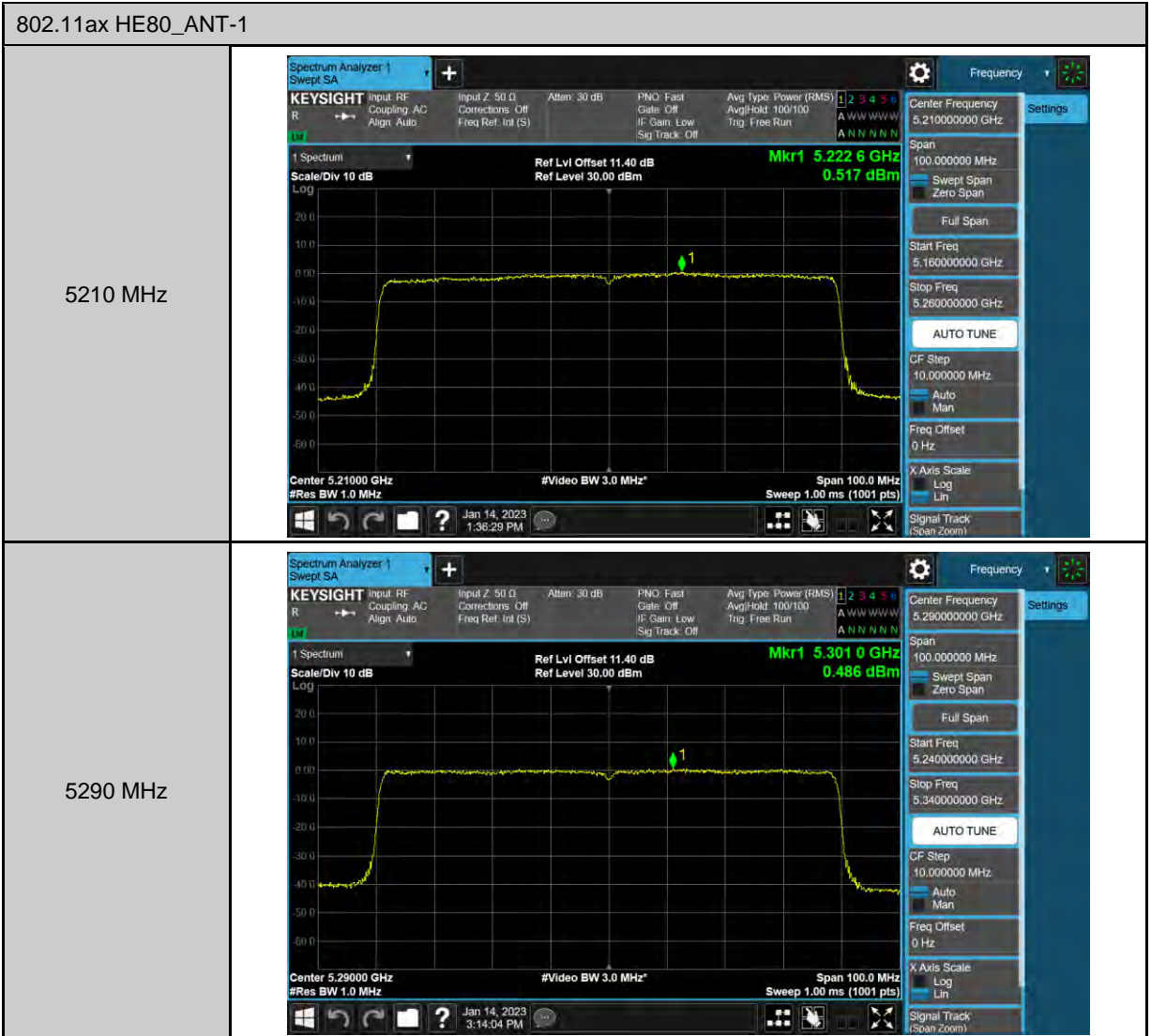


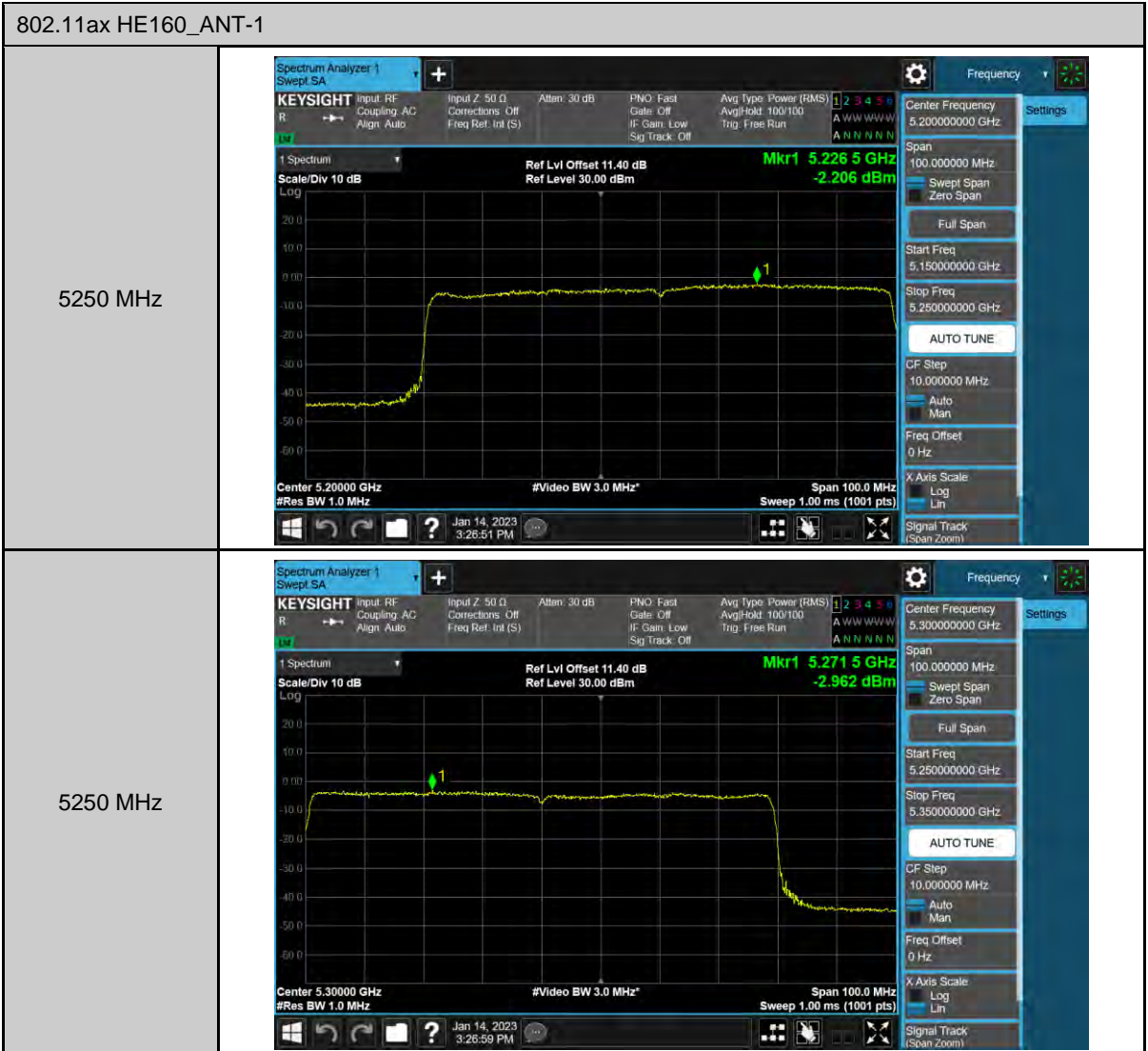
5320 MHz



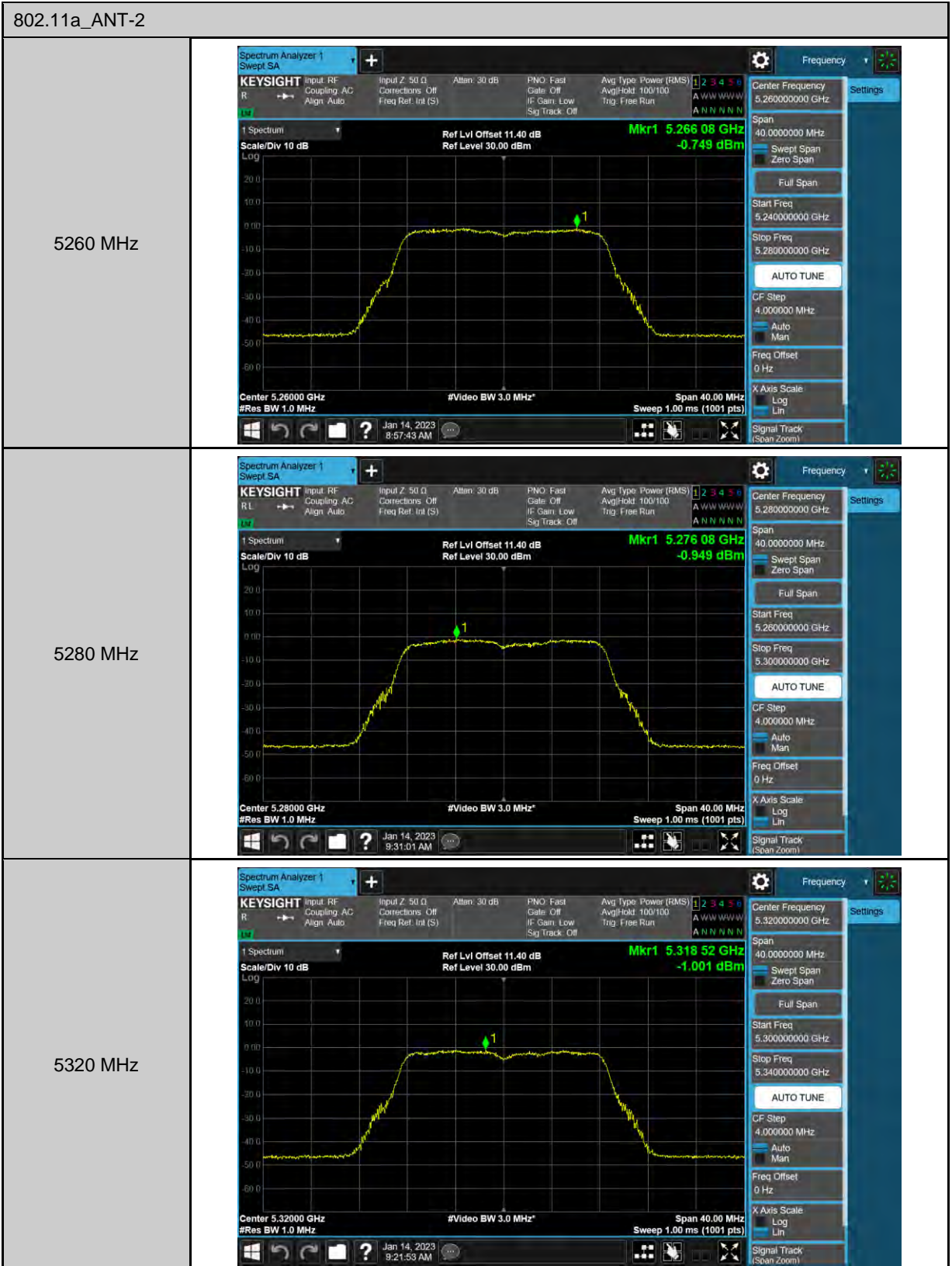












802.11ax HE20_ANT-2

5180 MHz



5200 MHz



5240 MHz



802.11ax HE20_ANT-2

5260 MHz



5280 MHz



5320 MHz





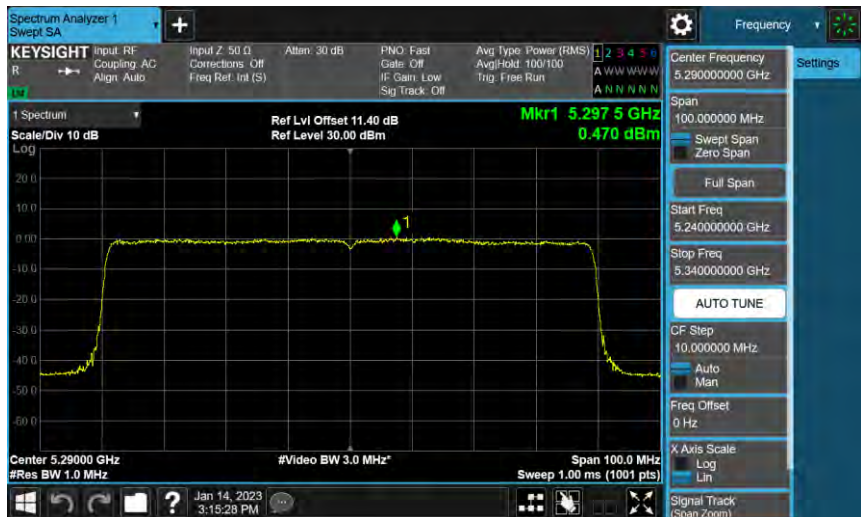


802.11ax HE80_ANT-2

5210 MHz

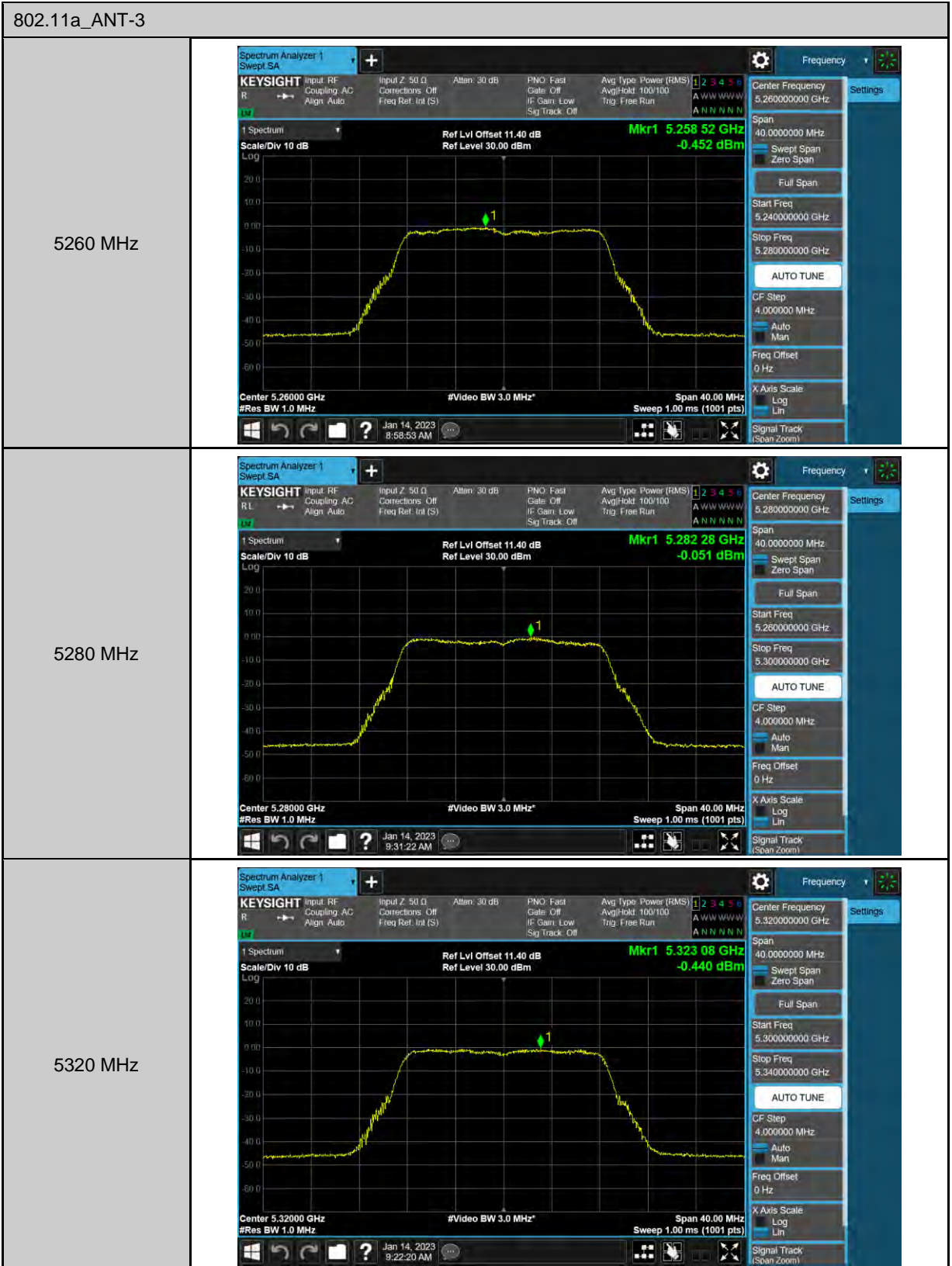


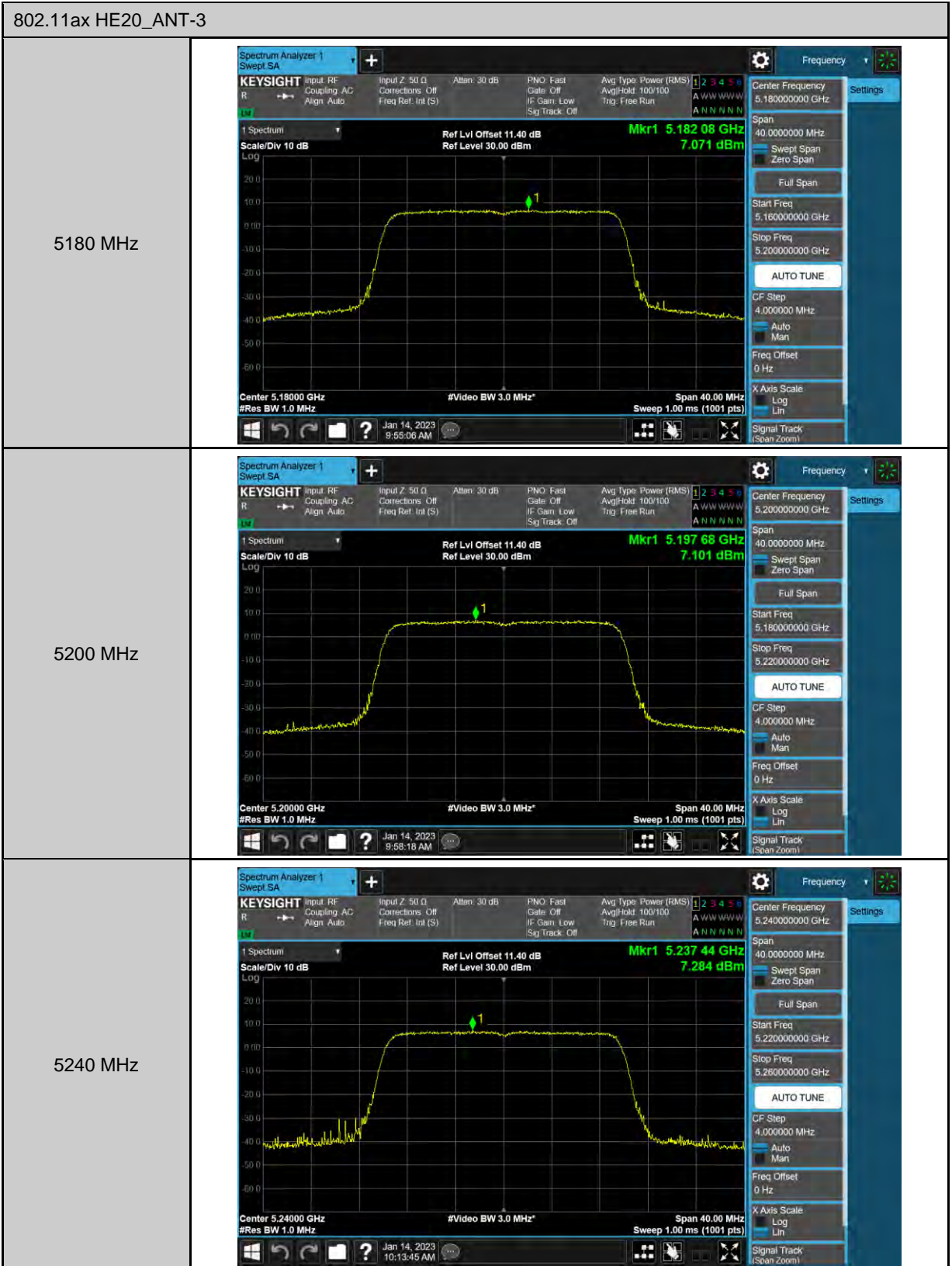
5290 MHz











802.11ax HE20_ANT-3

5260 MHz



5280 MHz



5320 MHz





802.11ax HE40_ANT-3

5270 MHz



5310 MHz



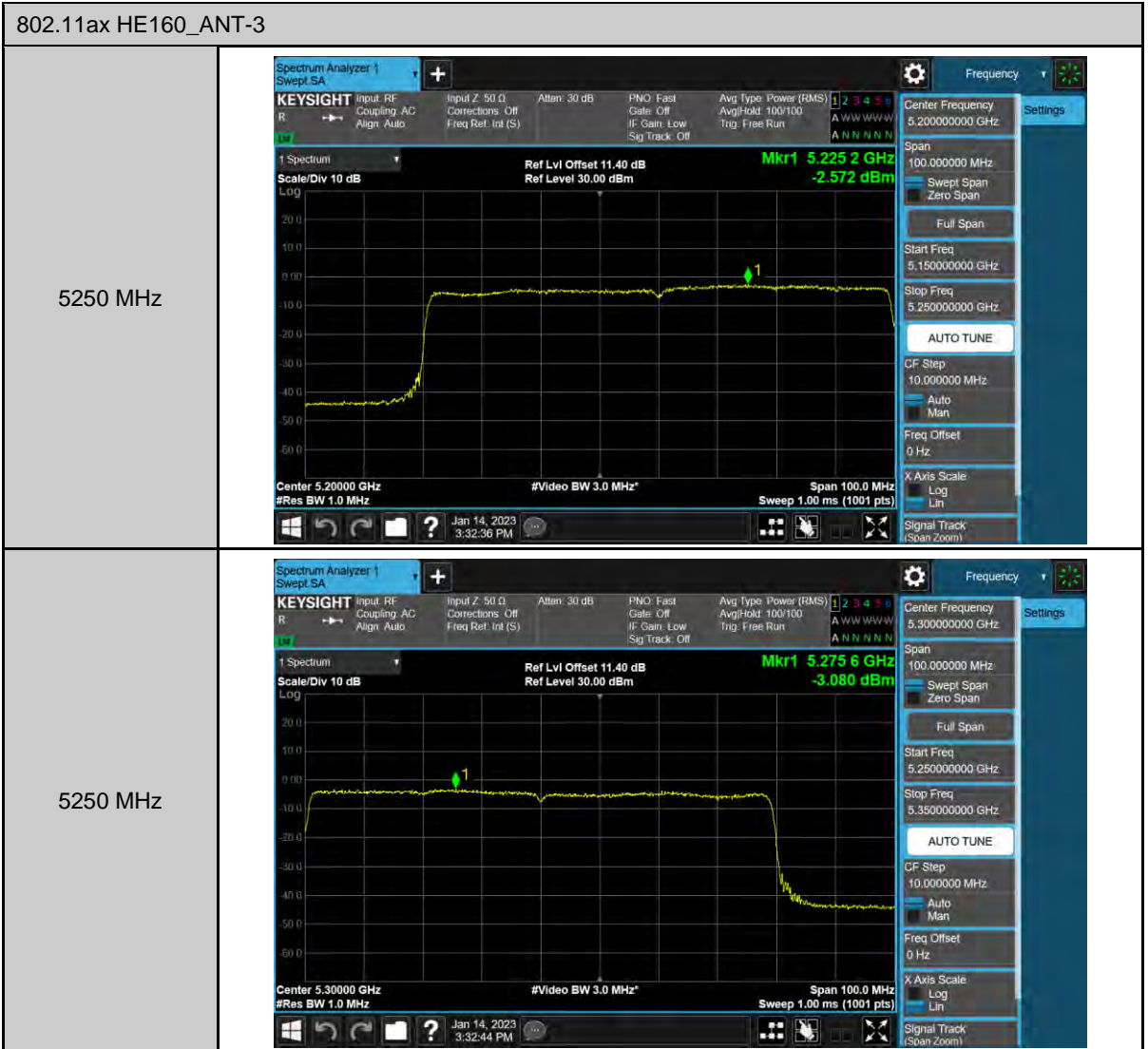
802.11ax HE80_ANT-3

5210 MHz



5290 MHz

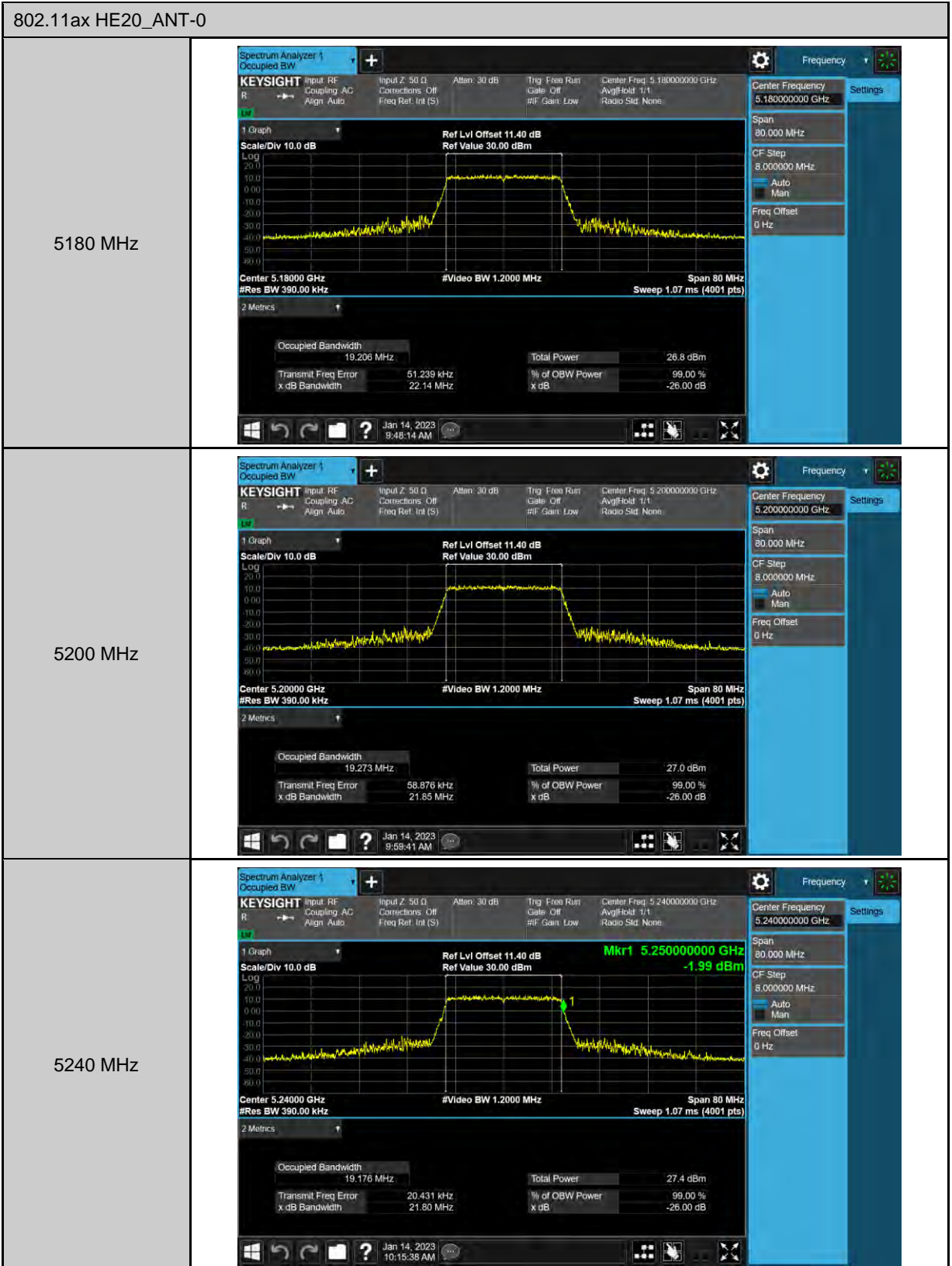




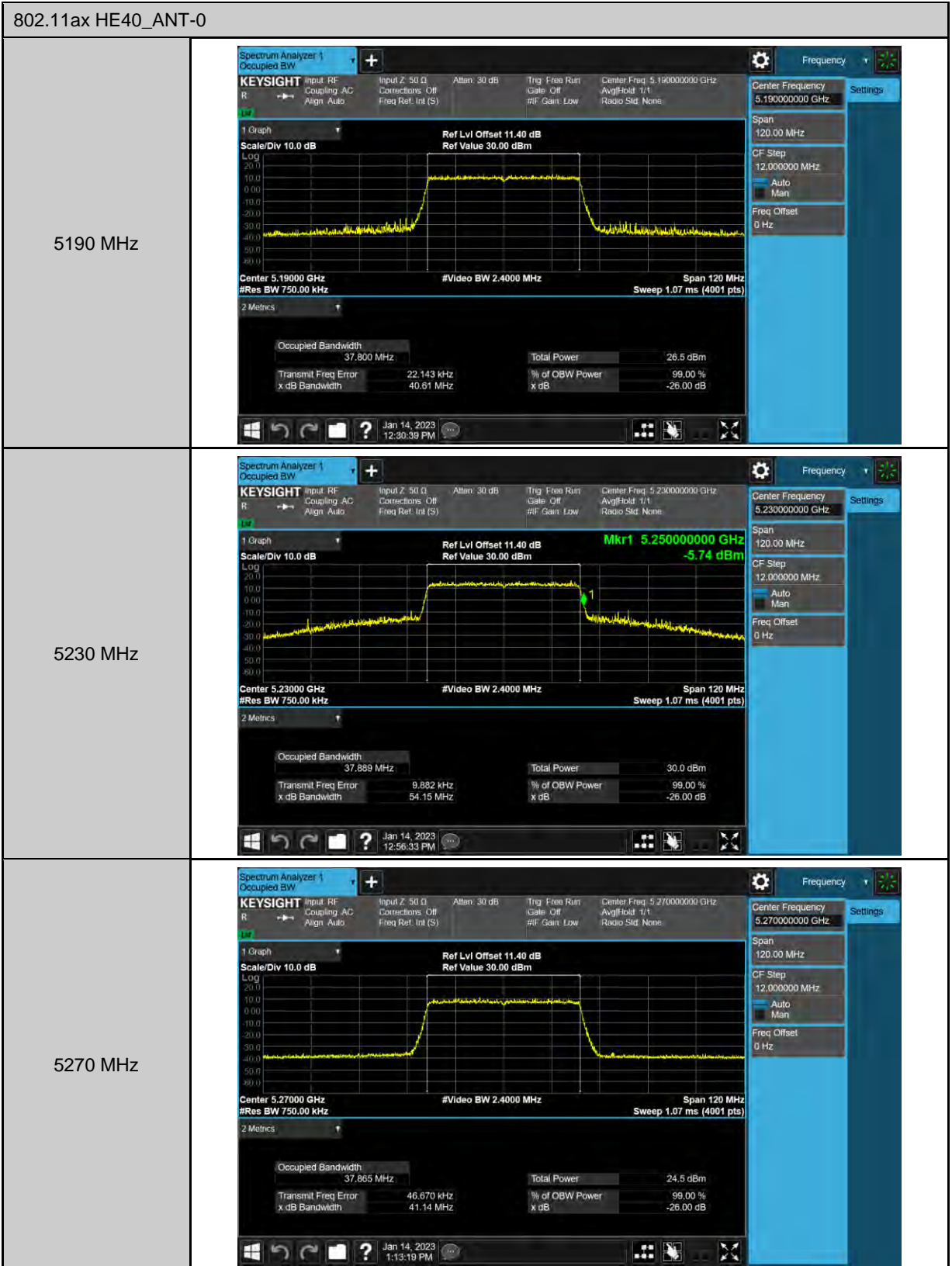
26 dB Bandwidth

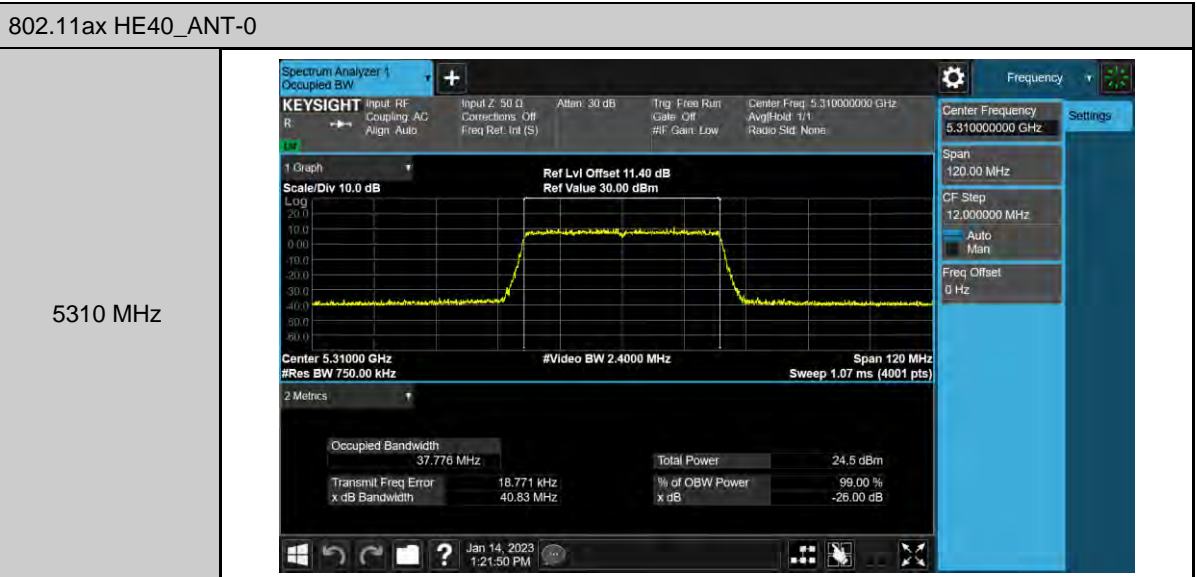
802.11a_ANT-0	5180 MHz
5200 MHz	
5240 MHz	

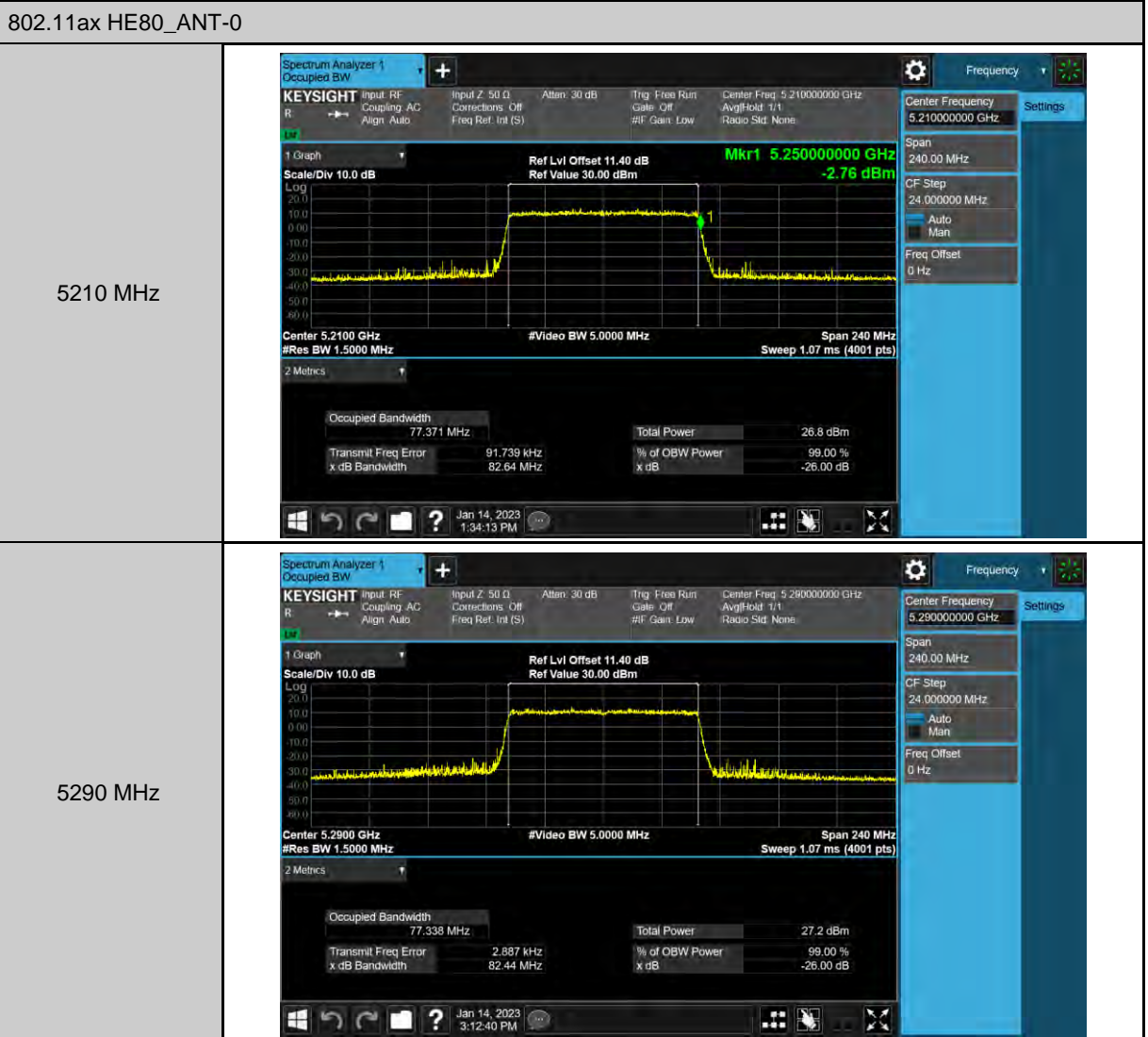


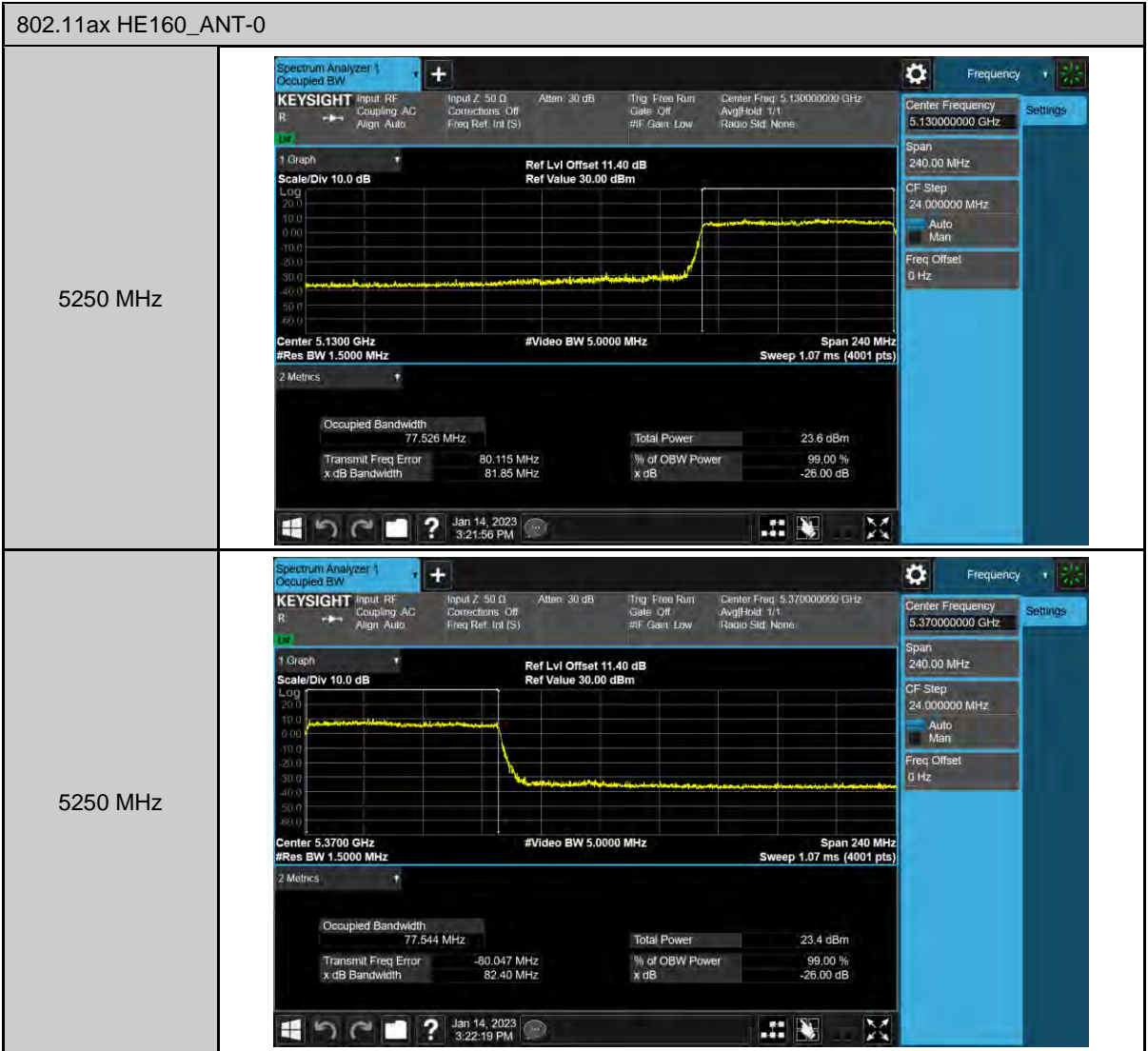


802.11ax HE20_ANT-0	
5260 MHz	<p>Center Frequency: 5.26000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Video BW: 1.2000 MHz Total Power: 21.5 dBm % of OBW Power: 99.00 %</p>
5280 MHz	<p>Center Frequency: 5.28000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Video BW: 1.2000 MHz Total Power: 21.2 dBm % of OBW Power: 99.00 %</p>
5320 MHz	<p>Center Frequency: 5.32000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Video BW: 1.2000 MHz Total Power: 21.4 dBm % of OBW Power: 99.00 %</p>









802.11a_ANT-1													
5180 MHz	<p>Center Frequency: 5.18000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Sweep: 1.07 ms (4001 pts)</p> <p>Metrics:</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.313 MHz</td> <td>Total Power</td> <td>24.7 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>107.13 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.80 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.313 MHz	Total Power	24.7 dBm	Transmit Freq Error	107.13 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.80 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.313 MHz	Total Power	24.7 dBm										
Transmit Freq Error	107.13 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.80 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Frequency: 5.20000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Sweep: 1.07 ms (4001 pts)</p> <p>Metrics:</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.378 MHz</td> <td>Total Power</td> <td>24.5 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>135.42 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.62 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.378 MHz	Total Power	24.5 dBm	Transmit Freq Error	135.42 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.62 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.378 MHz	Total Power	24.5 dBm										
Transmit Freq Error	135.42 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.62 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Frequency: 5.24000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Sweep: 1.07 ms (4001 pts)</p> <p>Marker: Mkr1 5.25000000 GHz -8.52 dBm</p> <p>Metrics:</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.277 MHz</td> <td>Total Power</td> <td>24.6 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>77.856 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	17.277 MHz	Total Power	24.6 dBm	Transmit Freq Error	77.856 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.71 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.277 MHz	Total Power	24.6 dBm										
Transmit Freq Error	77.856 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.71 MHz	x dB	-26.00 dB										

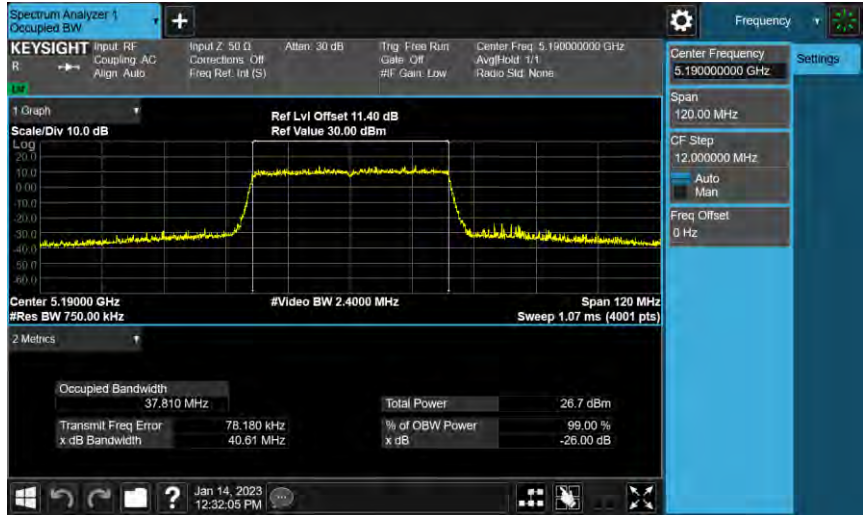






802.11ax HE40_ANT-1

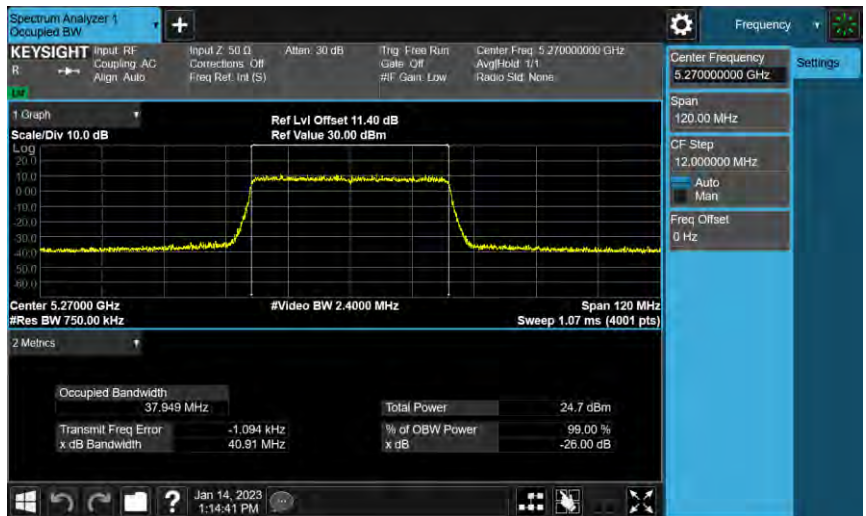
5190 MHz

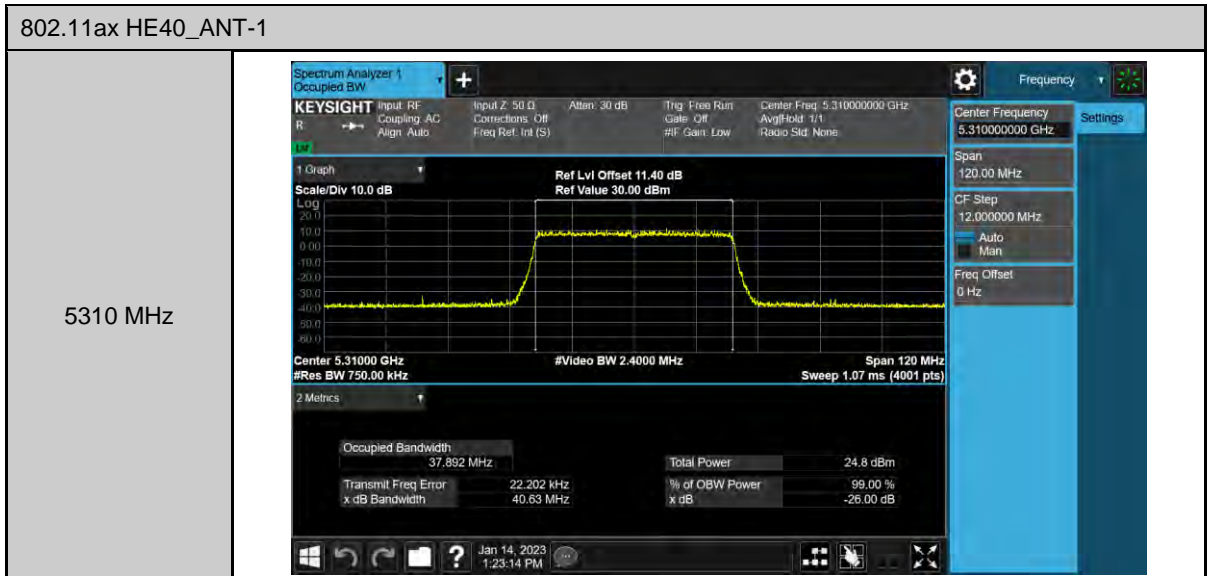


5230 MHz



5270 MHz



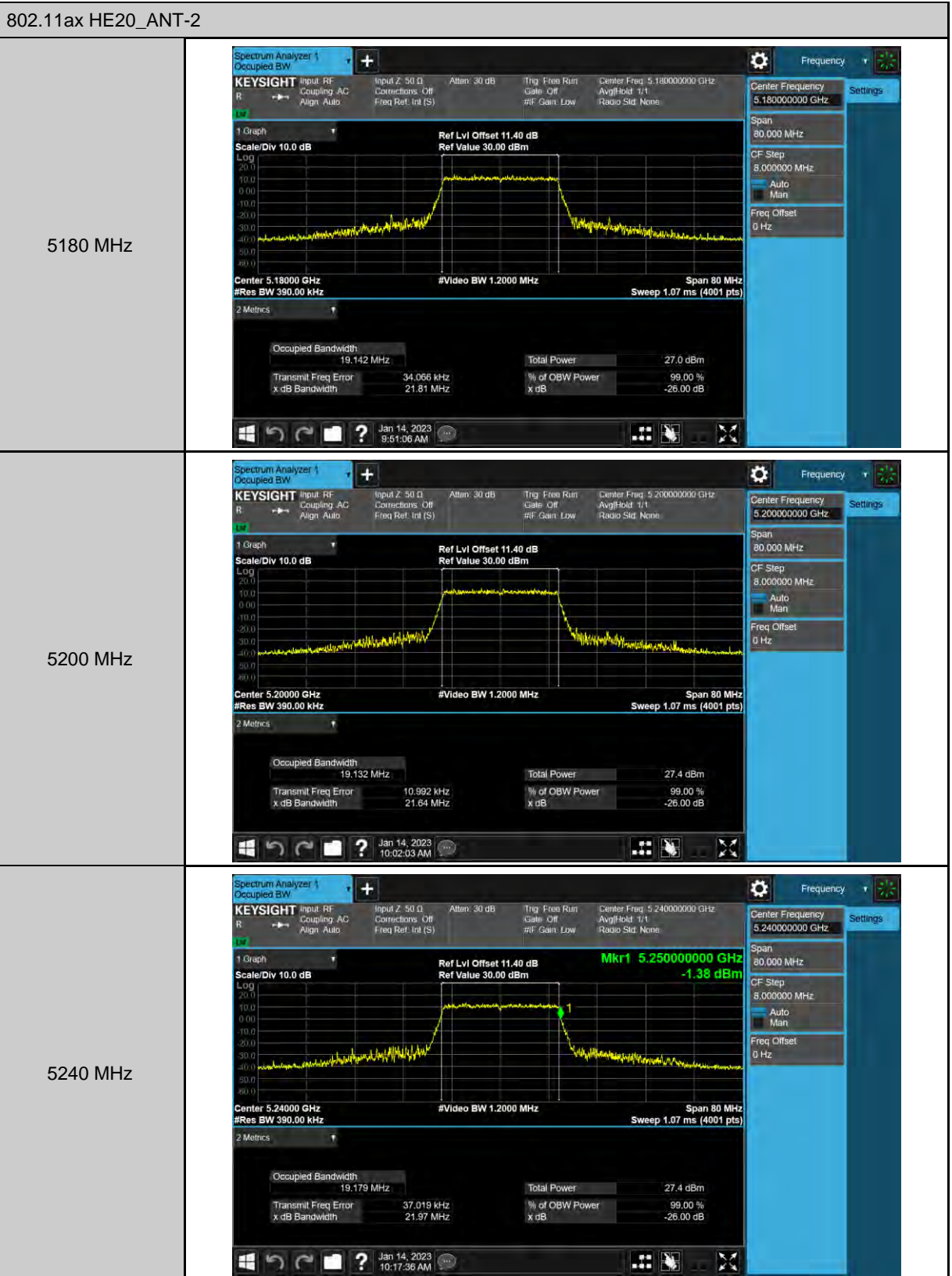






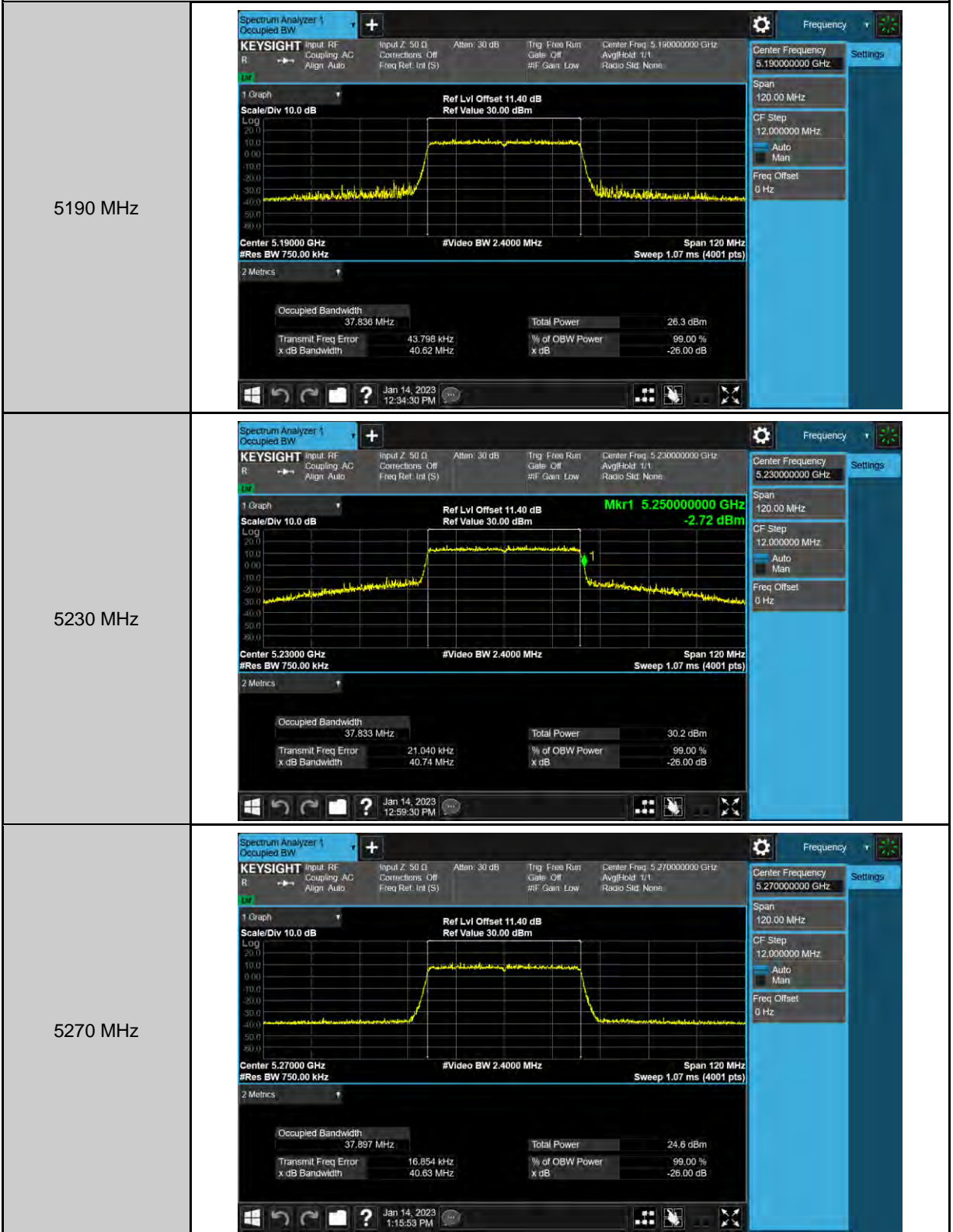
802.11a_ANT-2													
5180 MHz	<p>Center Frequency: 5.18000000 GHz</p> <p>Span: 80.000 MHz</p> <p>CF Step: 8.000000 MHz</p> <p>Ref Lvl Offset: 11.40 dB</p> <p>Ref Value: 30.00 dBm</p> <p>Center: 5.18000 GHz</p> <p>#Res BW: 390.00 kHz</p> <p>#Video BW: 1.2000 MHz</p> <p>Span: 80 MHz</p> <p>Sweep: 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.181 MHz</td> <td>Total Power</td> <td>25.0 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>126.98 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.69 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.181 MHz	Total Power	25.0 dBm	Transmit Freq Error	126.98 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.69 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.181 MHz	Total Power	25.0 dBm										
Transmit Freq Error	126.98 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.69 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Frequency: 5.20000000 GHz</p> <p>Span: 80.000 MHz</p> <p>CF Step: 8.000000 MHz</p> <p>Ref Lvl Offset: 11.40 dB</p> <p>Ref Value: 30.00 dBm</p> <p>Center: 5.20000 GHz</p> <p>#Res BW: 390.00 kHz</p> <p>#Video BW: 1.2000 MHz</p> <p>Span: 80 MHz</p> <p>Sweep: 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.207 MHz</td> <td>Total Power</td> <td>25.1 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>91.435 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.65 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.207 MHz	Total Power	25.1 dBm	Transmit Freq Error	91.435 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.65 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.207 MHz	Total Power	25.1 dBm										
Transmit Freq Error	91.435 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.65 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Frequency: 5.24000000 GHz</p> <p>Span: 80.000 MHz</p> <p>CF Step: 8.000000 MHz</p> <p>Ref Lvl Offset: 11.40 dB</p> <p>Ref Value: 30.00 dBm</p> <p>Mkr1: 5.25000000 GHz</p> <p>-8.03 dBm</p> <p>Center: 5.24000 GHz</p> <p>#Res BW: 390.00 kHz</p> <p>#Video BW: 1.2000 MHz</p> <p>Span: 80 MHz</p> <p>Sweep: 1.07 ms (4001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.210 MHz</td> <td>Total Power</td> <td>25.2 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>88.931 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>21.77 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.210 MHz	Total Power	25.2 dBm	Transmit Freq Error	88.931 kHz	% of OBW Power	99.00 %	x dB Bandwidth	21.77 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.210 MHz	Total Power	25.2 dBm										
Transmit Freq Error	88.931 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	21.77 MHz	x dB	-26.00 dB										

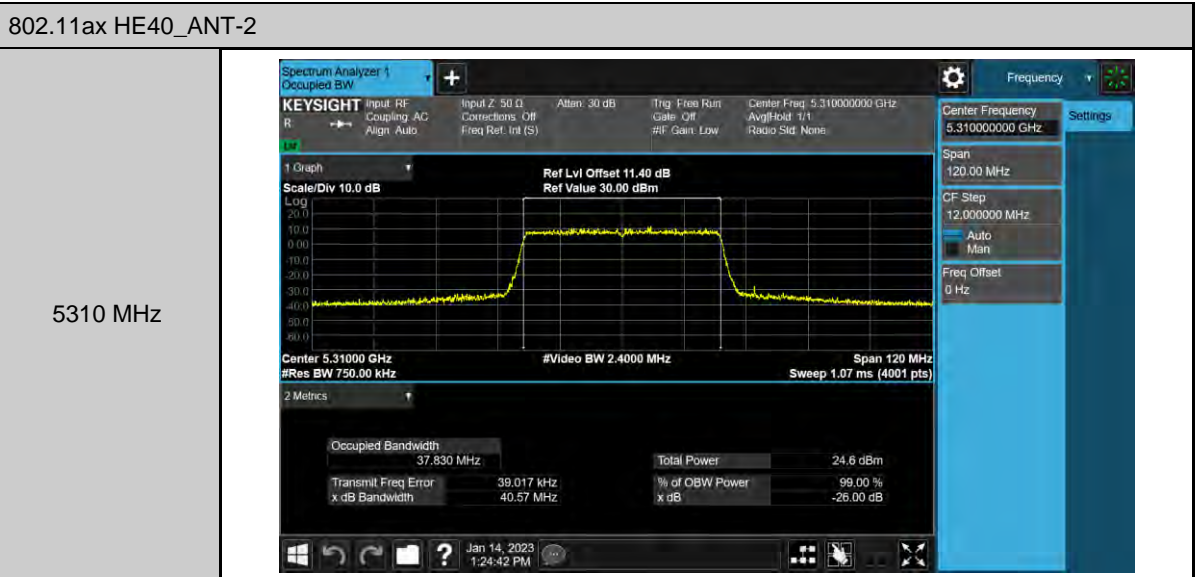


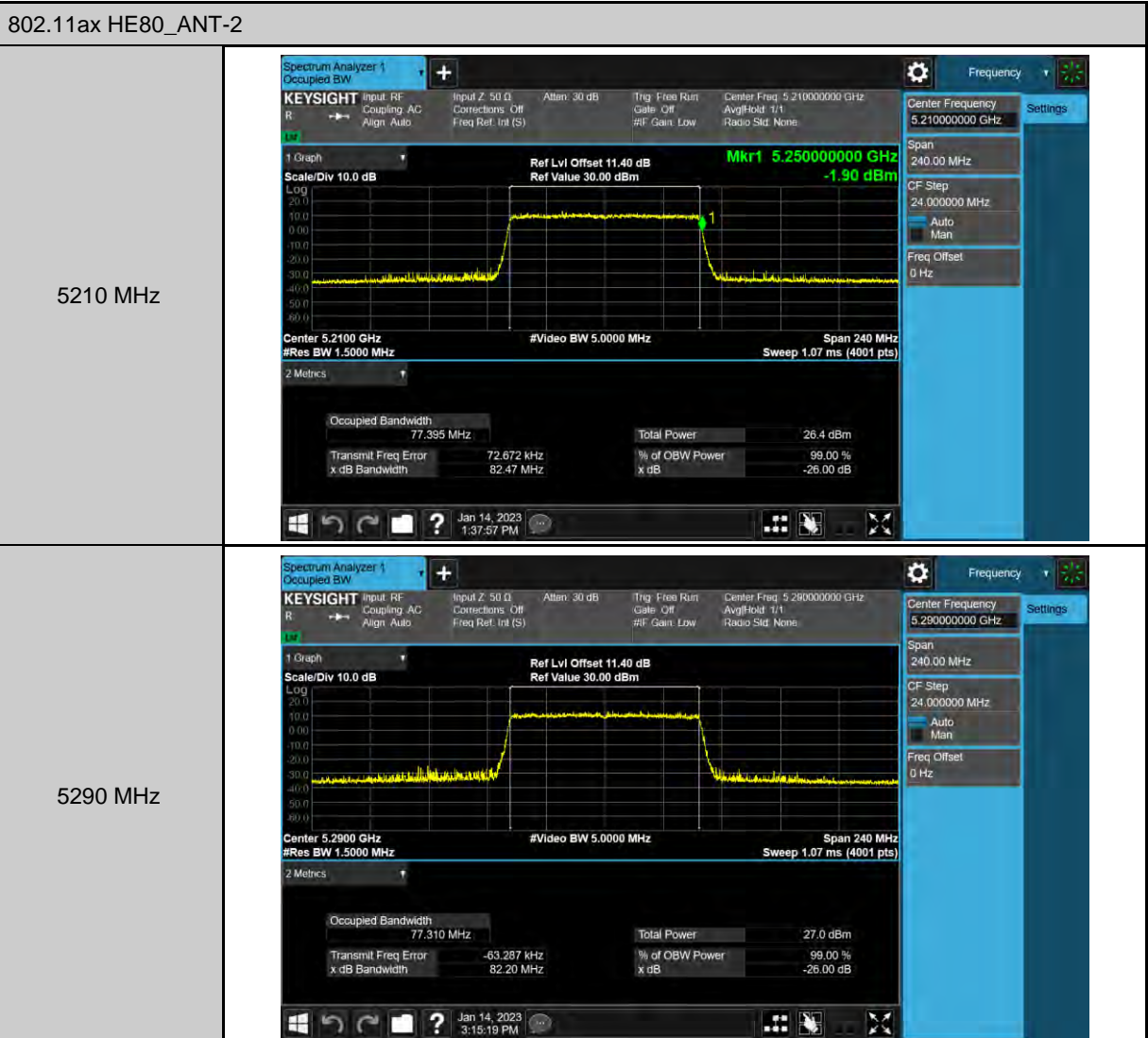




802.11ax HE40_ANT-2









802.11a_ANT-3	
5180 MHz	<p>Center Freq: 5.18000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Total Power: 25.0 dBm Occupied Bandwidth: 17.046 MHz Transmit Freq Error: 56.657 kHz</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Total Power: 24.9 dBm Occupied Bandwidth: 17.094 MHz Transmit Freq Error: 50.174 kHz</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Total Power: 24.8 dBm Occupied Bandwidth: 17.106 MHz Transmit Freq Error: -3.702 kHz Mkr1 5.25000000 GHz -9.19 dBm</p>





802.11ax HE20_ANT-3

5260 MHz



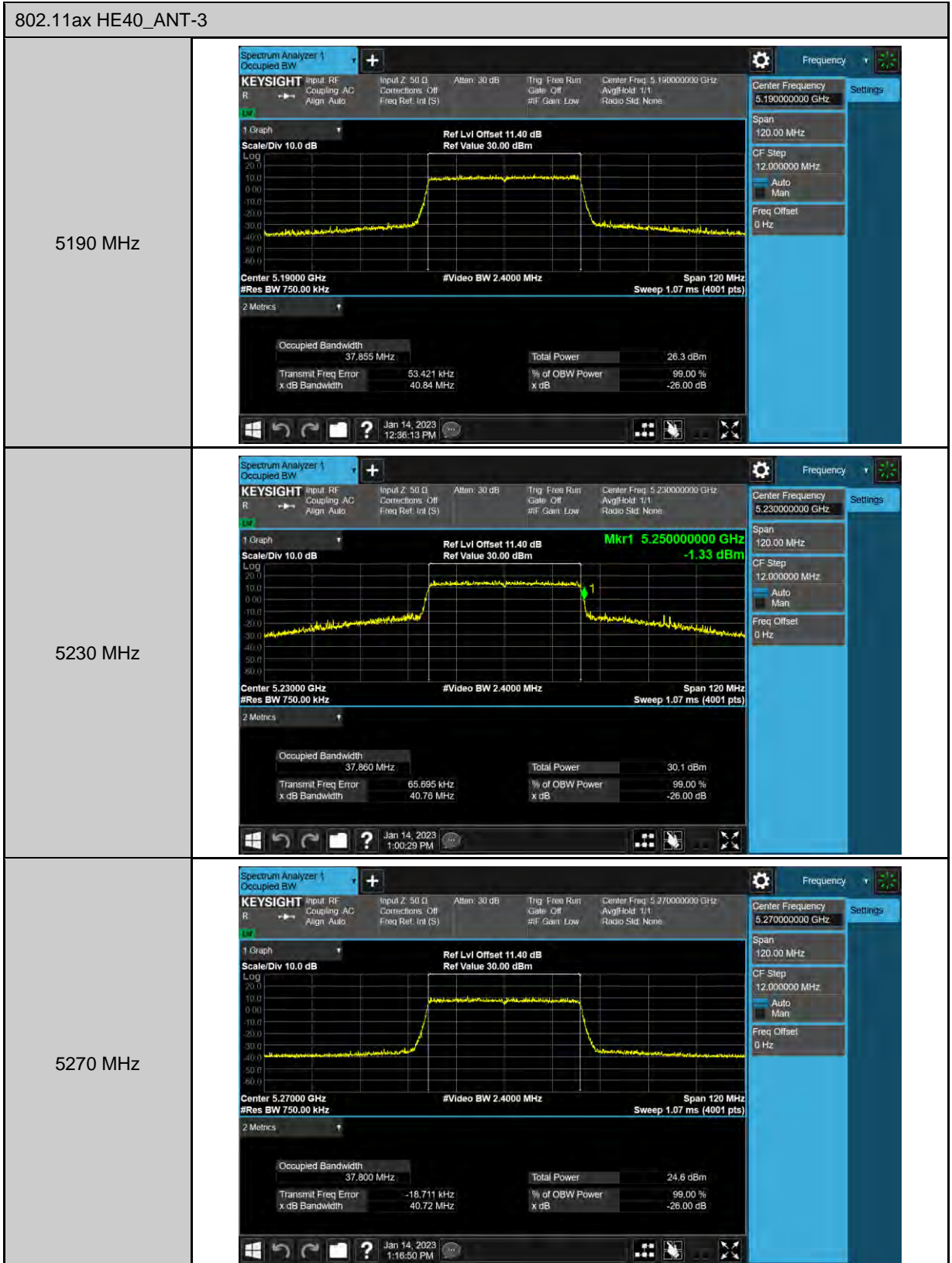
5280 MHz

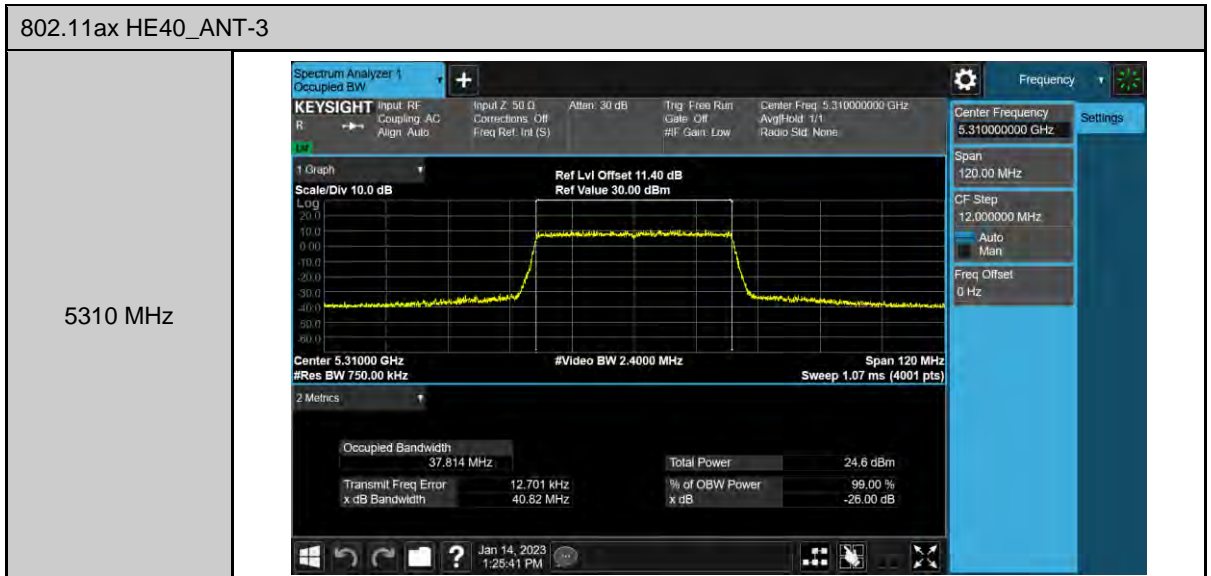


5320 MHz



802.11ax HE40_ANT-3





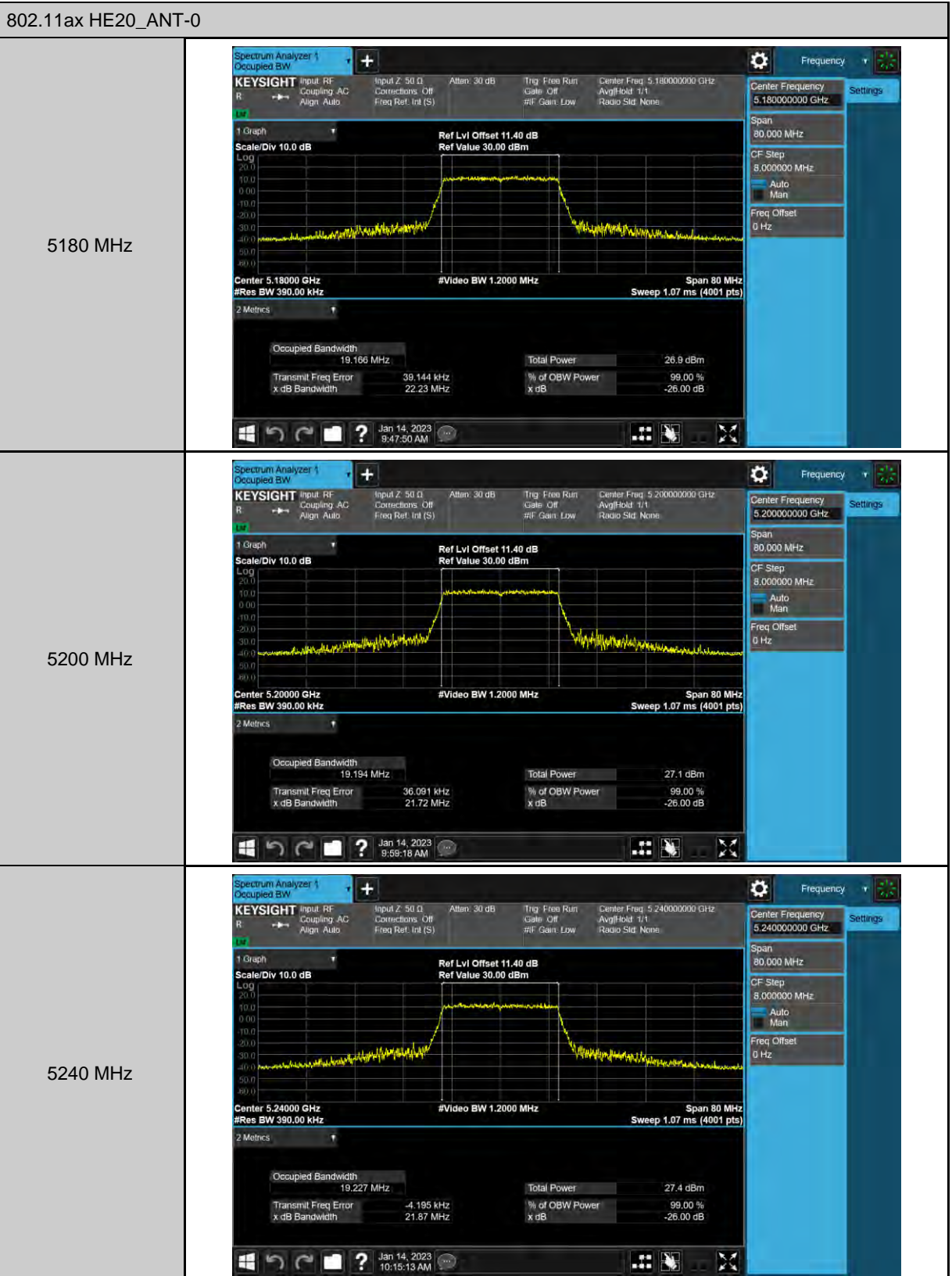




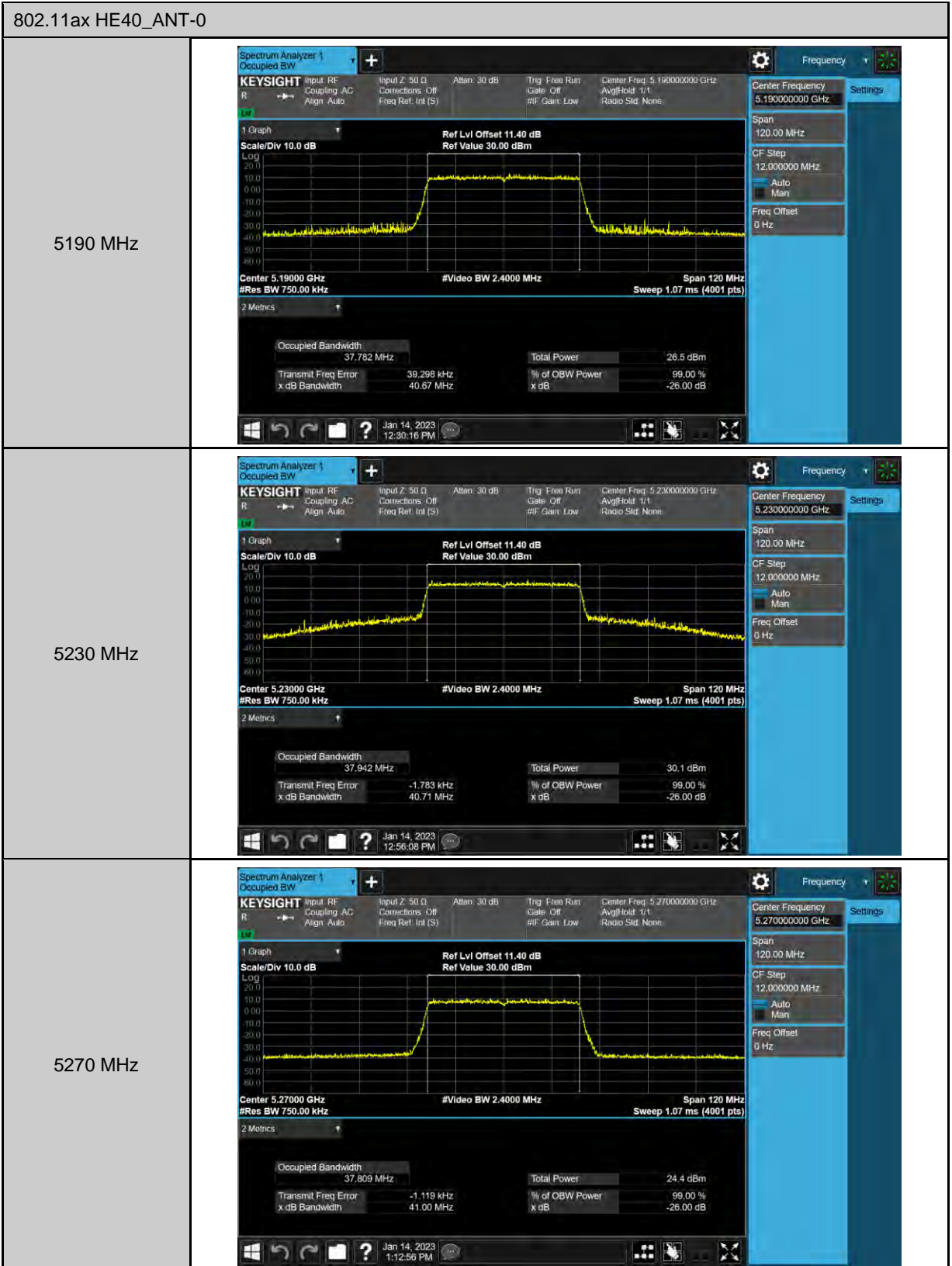
99% Occupied Bandwidth

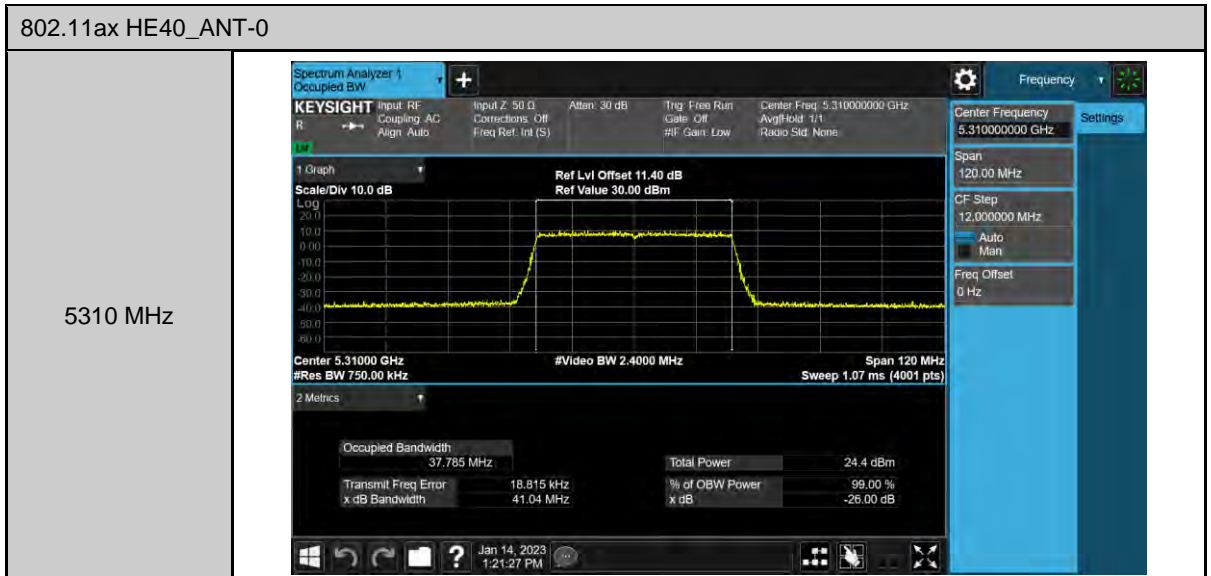
802.11a_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

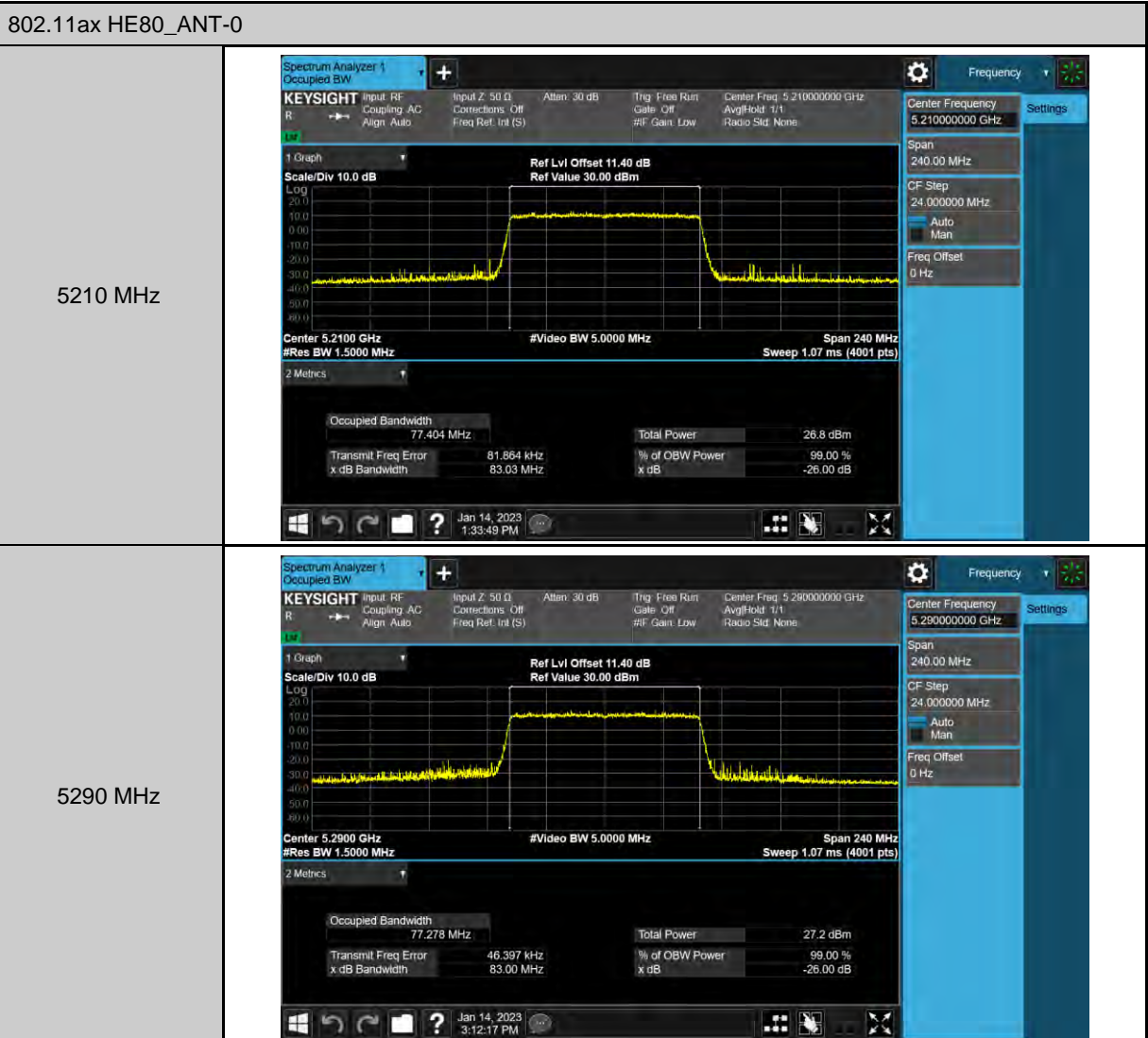














802.11a_ANT-1	
5180 MHz	<p>Center Frequency: 5.18000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.339 MHz Transmit Freq Error: 67.067 kHz x dB Bandwidth: 21.59 MHz</p> <p>Total Power: 24.7 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>
5200 MHz	<p>Center Frequency: 5.20000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.254 MHz Transmit Freq Error: 145.91 kHz x dB Bandwidth: 21.57 MHz</p> <p>Total Power: 24.5 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>
5240 MHz	<p>Center Frequency: 5.24000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.214 MHz Transmit Freq Error: 24.497 kHz x dB Bandwidth: 21.72 MHz</p> <p>Total Power: 24.7 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>



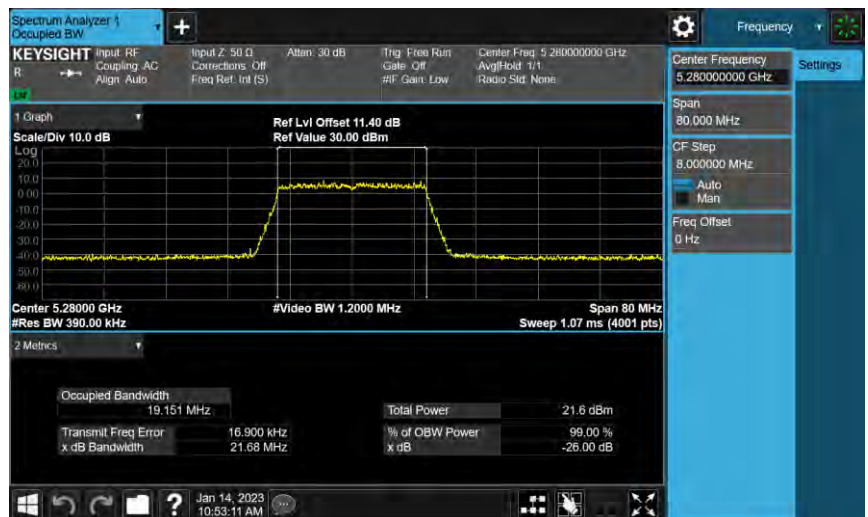


802.11ax HE20_ANT-1

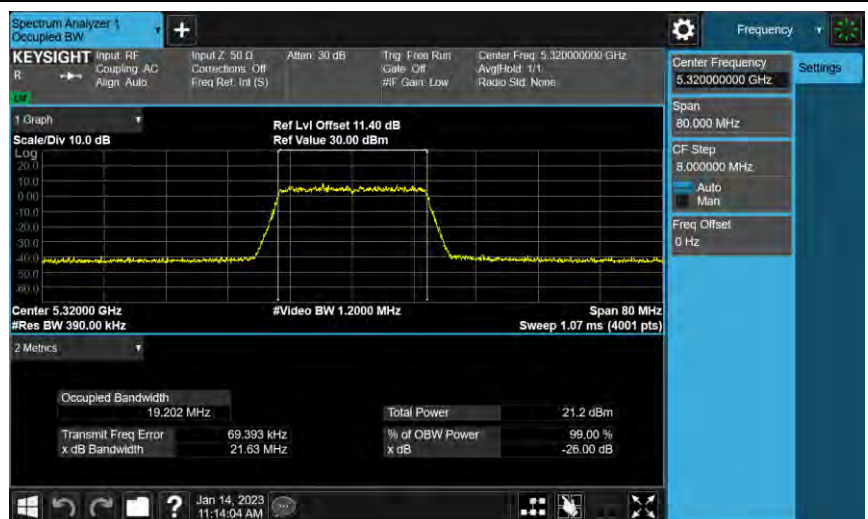
5260 MHz



5280 MHz



5320 MHz



802.11ax HE40_ANT-1

5190 MHz

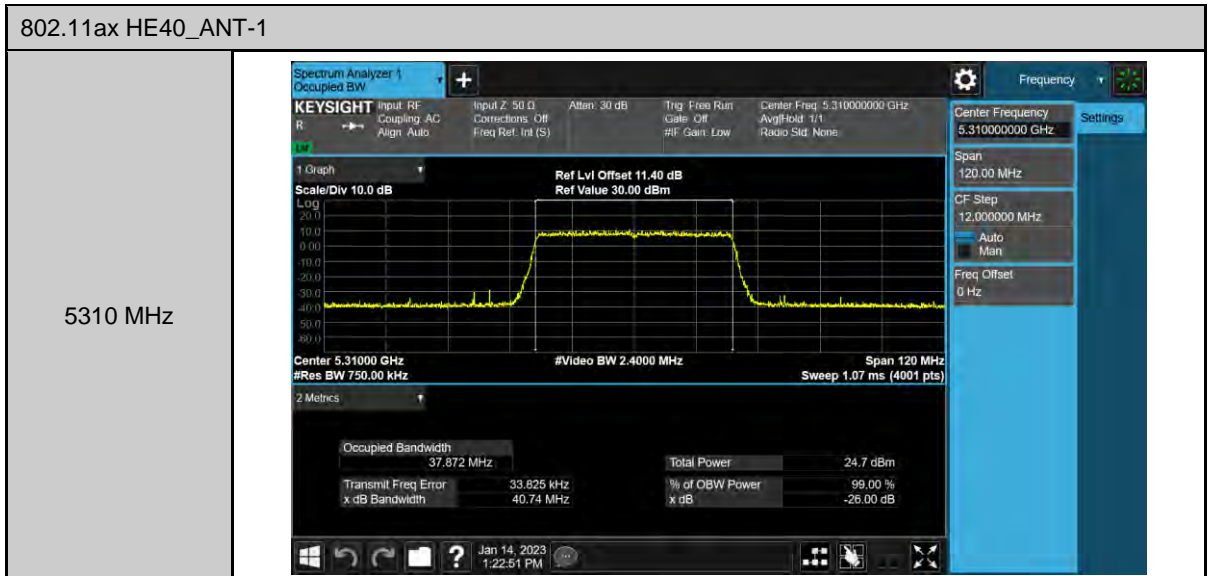


5230 MHz



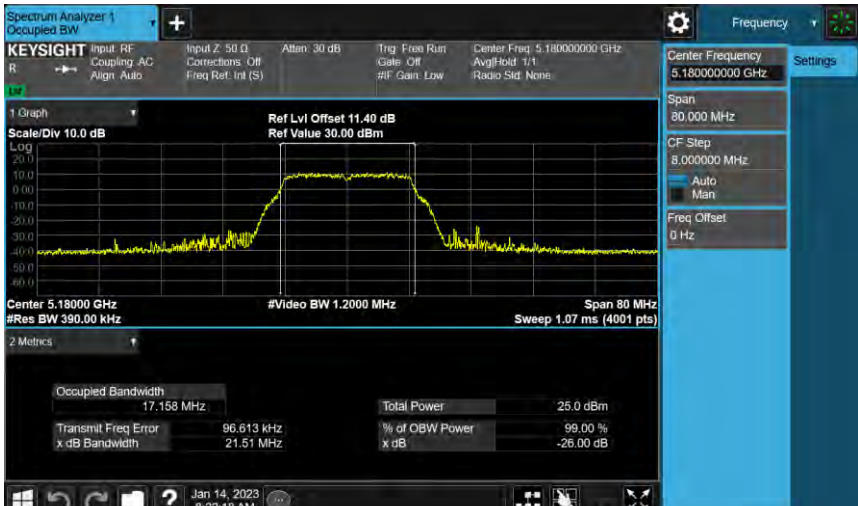

5270 MHz









802.11a_ANT-2	
5180 MHz	 <p>Center Frequency: 5.180000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.158 MHz Total Power: 25.0 dBm Transmit Freq Error: 96.613 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.51 MHz x dB: -26.00 dB</p>
5200 MHz	 <p>Center Frequency: 5.200000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.214 MHz Total Power: 25.1 dBm Transmit Freq Error: 97.240 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.71 MHz x dB: -26.00 dB</p>
5240 MHz	 <p>Center Frequency: 5.240000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 17.261 MHz Total Power: 25.1 dBm Transmit Freq Error: 67.524 kHz % of OBW Power: 99.00 % x dB Bandwidth: 21.50 MHz x dB: -26.00 dB</p>