

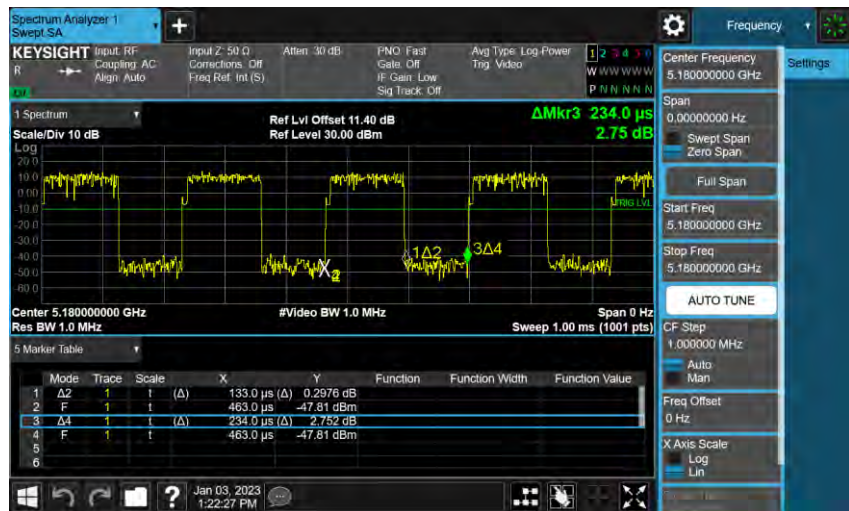
Appendix B. Test Plots

SISO 1X1

Duty cycle

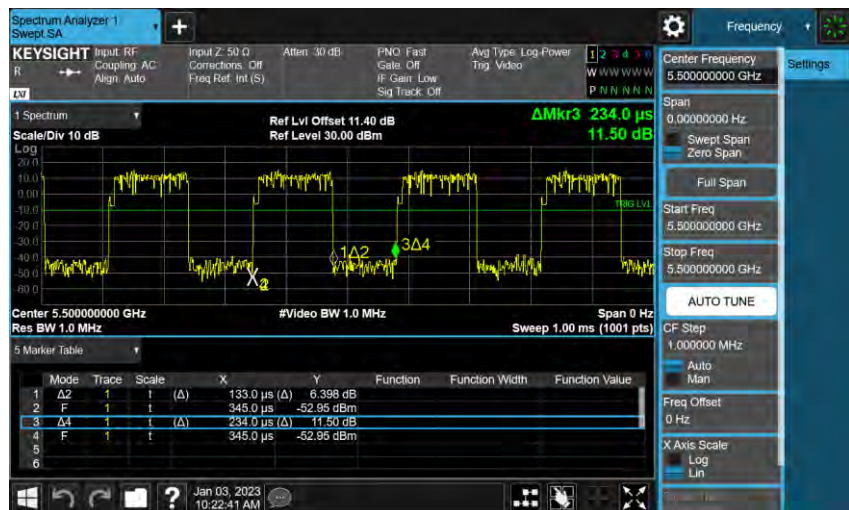
802.11a

On+off time
5180 MHz



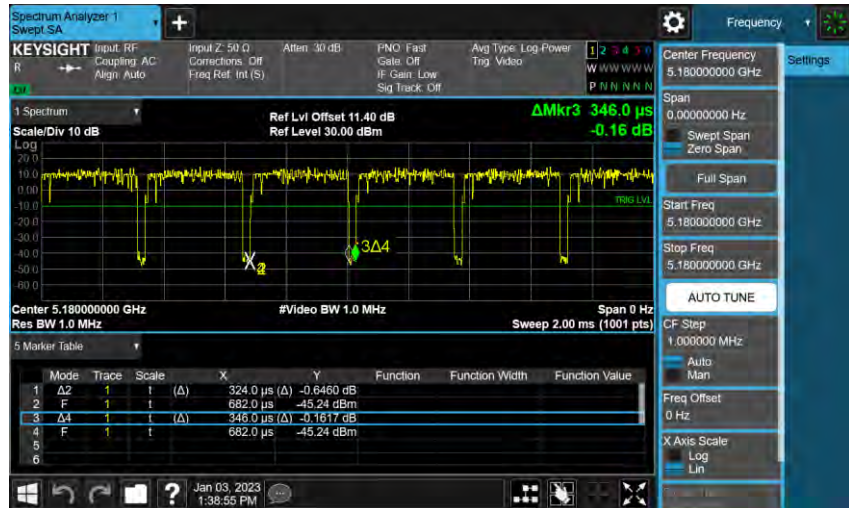
802.11a

On+off time
5550 MHz



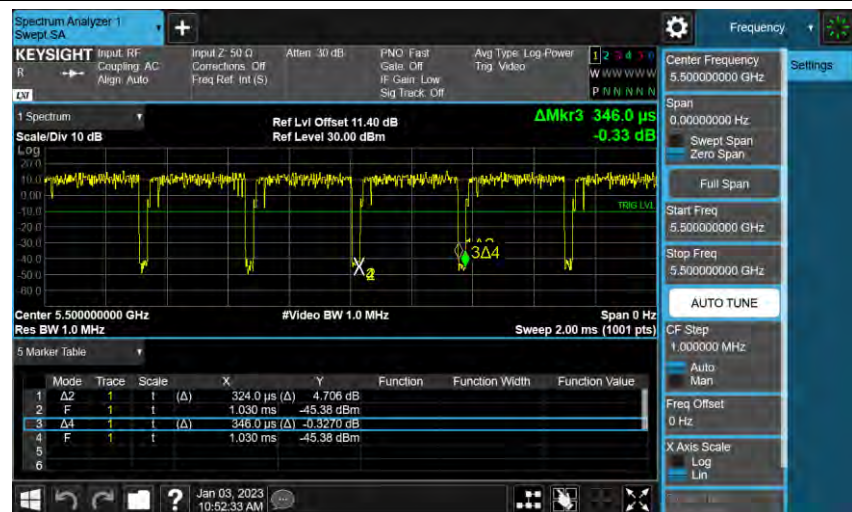
802.11ax HE20

On+off time
5180 MHz



802.11ax HE20

On+off time
5550 MHz



802.11ax HE40

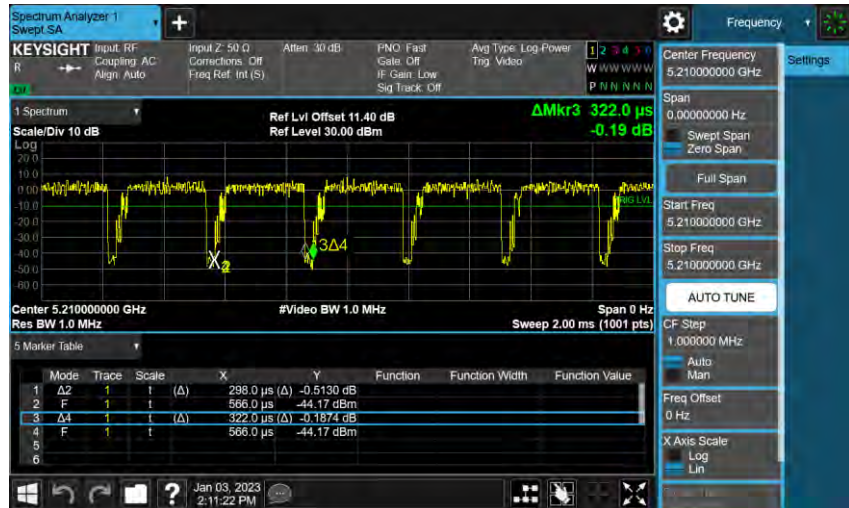
 On+off time
5190 MHz


802.11ax HE40

 On+off time
5510 MHz


802.11ax HE80

On+off time
5210 MHz



802.11ax HE80

On+off time
5530 MHz



802.11ax HE160

On+off time
5250 MHz

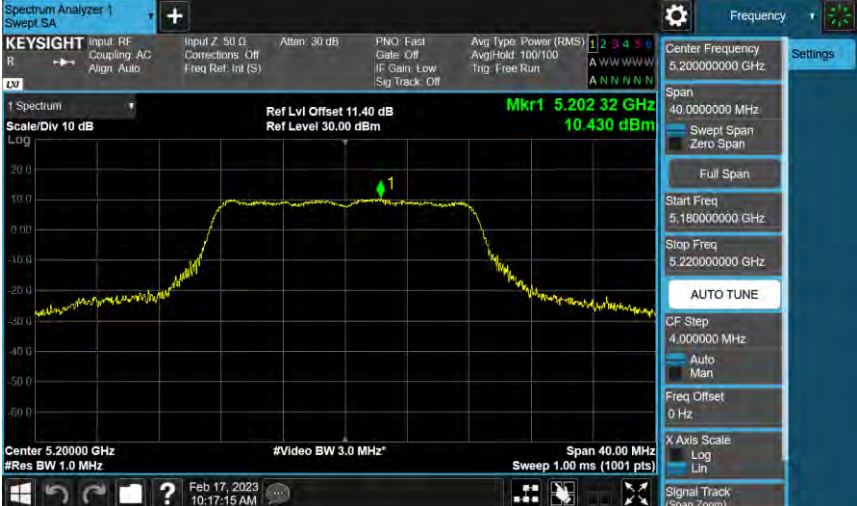


802.11ax HE160

On+off time
5570 MHz



Maximum Power Spectral Density

802.11a 5180 MHz	
5200 MHz	
5240 MHz	



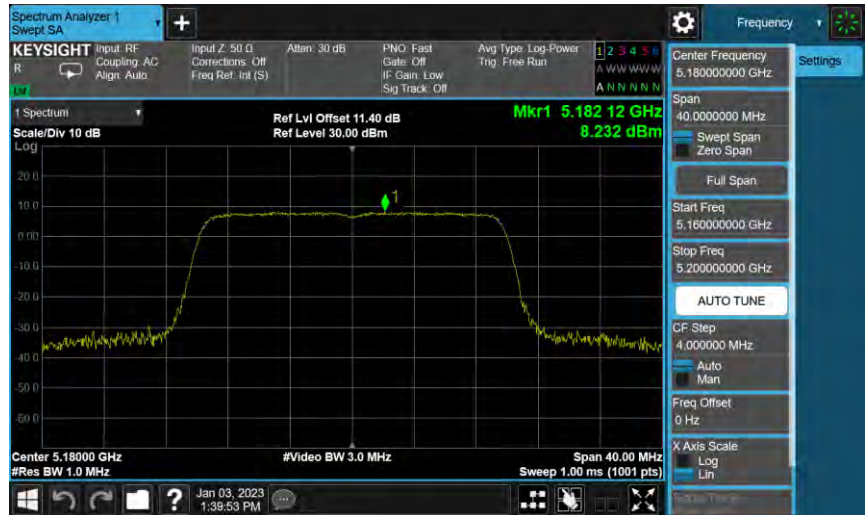
802.11a 5500 MHz	
5560 MHz	
5700 MHz	



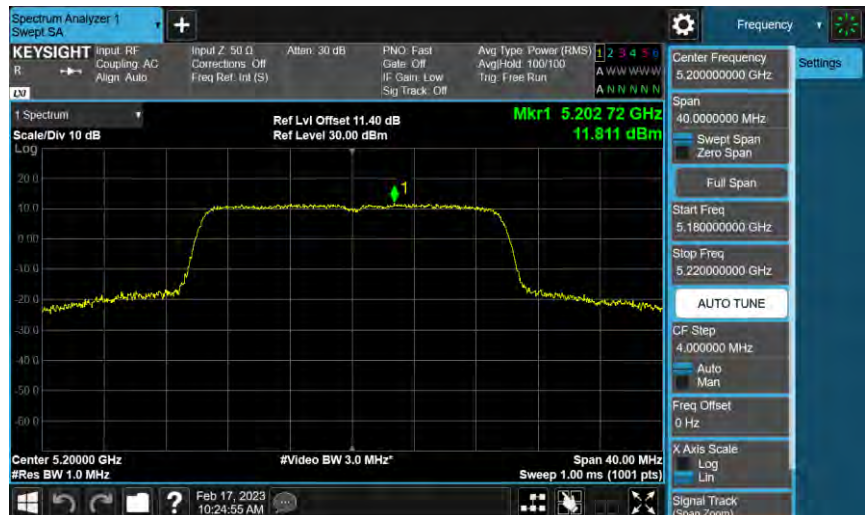
802.11a 5745 MHz	
5785 MHz	
5825 MHz	

802.11ax HE20_ANT-0

5180 MHz



5200 MHz

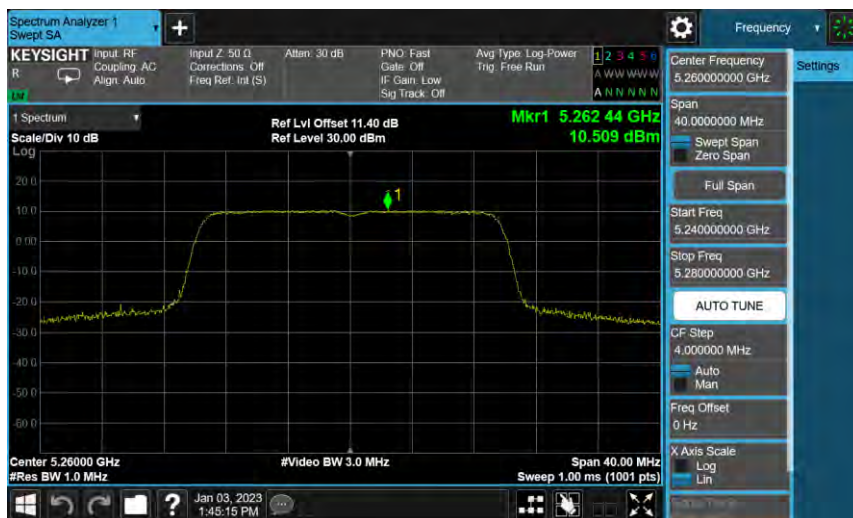


5240 MHz

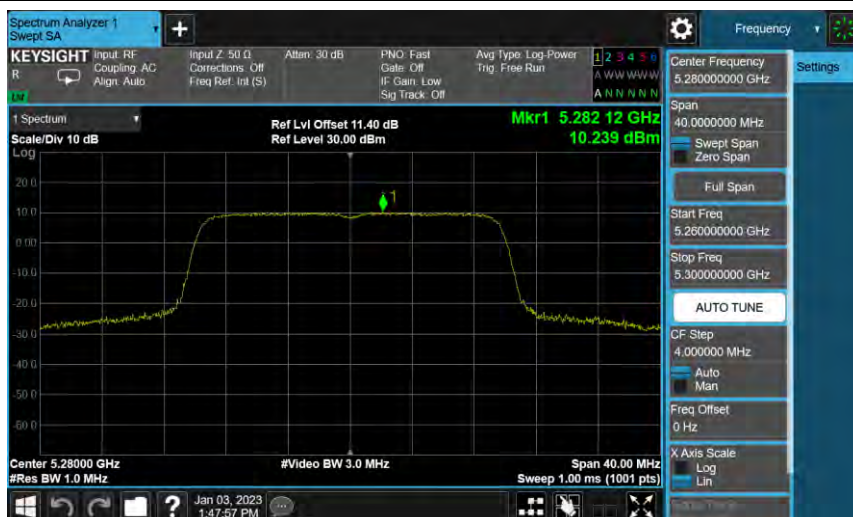


802.11ax HE20_ANT-0

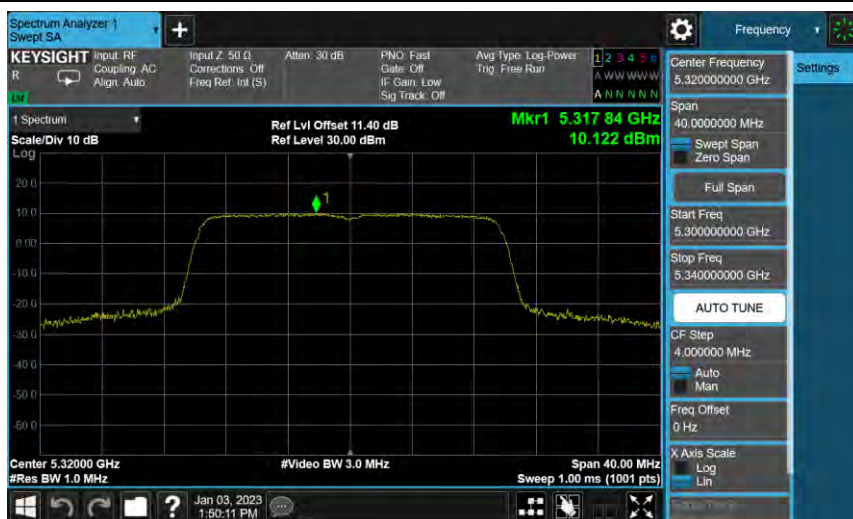
5260 MHz



5280 MHz

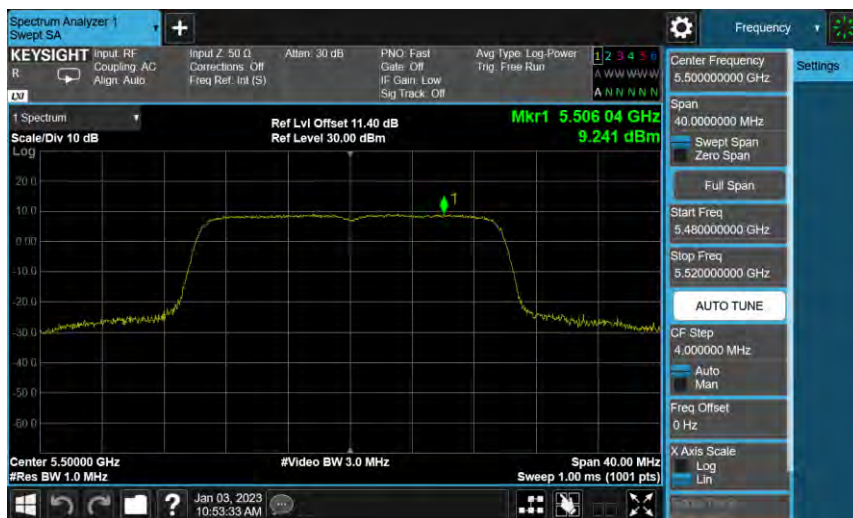


5320 MHz



802.11ax HE20_ANT-0

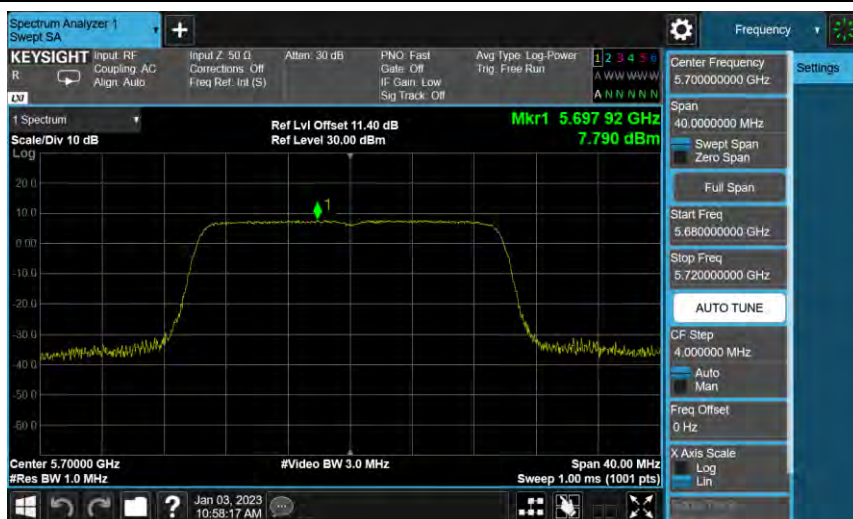
5500 MHz



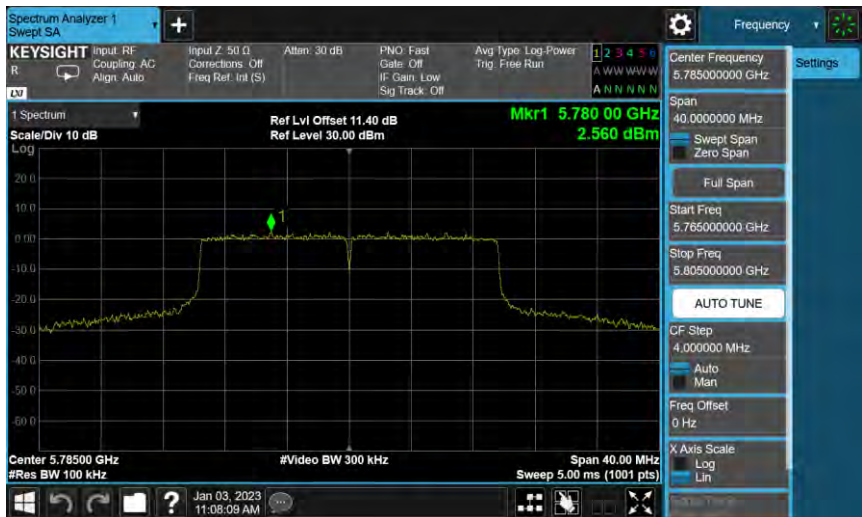
5560 MHz



5700 MHz





802.11ax HE20_ANT-0	
5785 MHz	
5825 MHz	

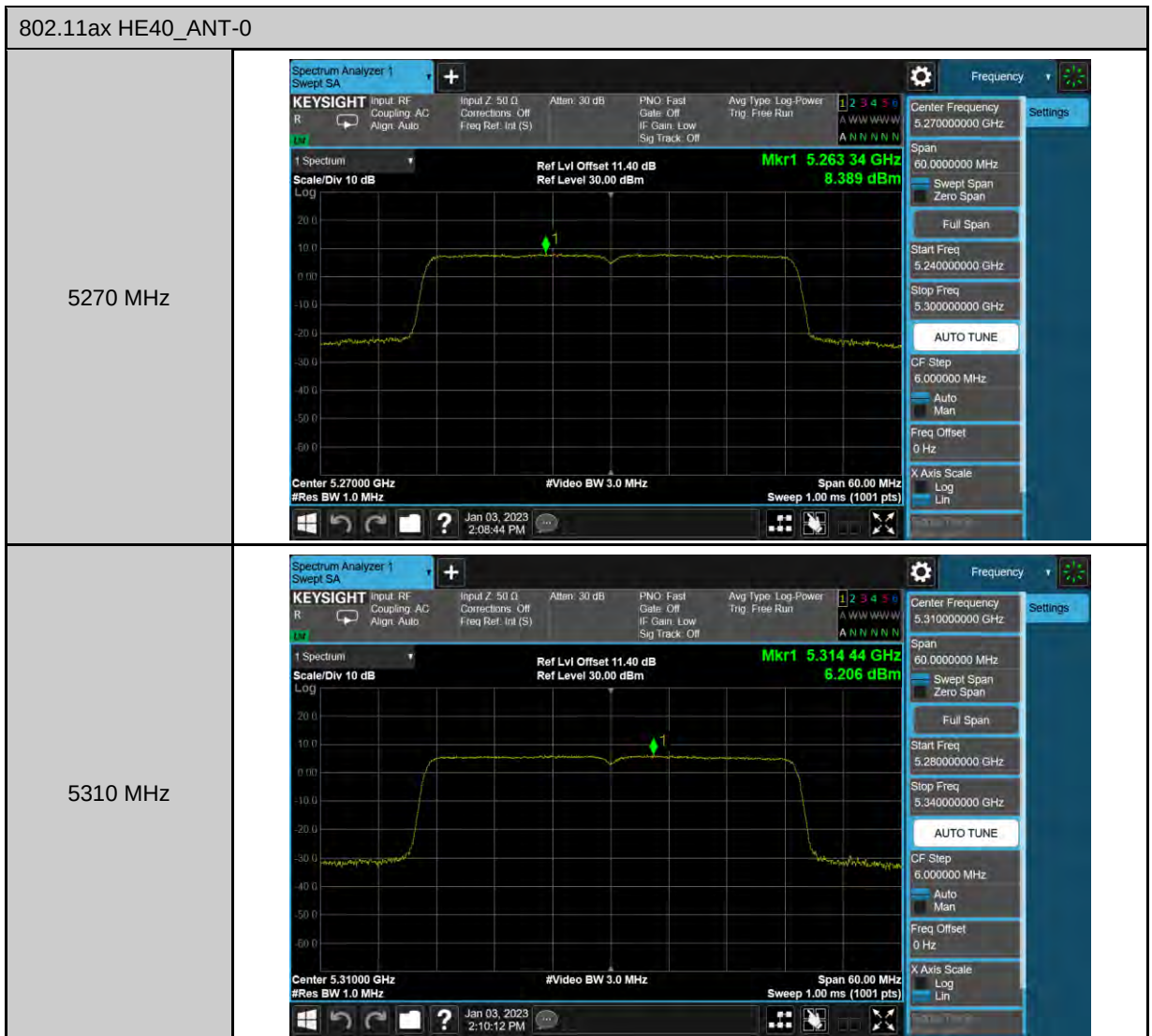
802.11ax HE40_ANT-0

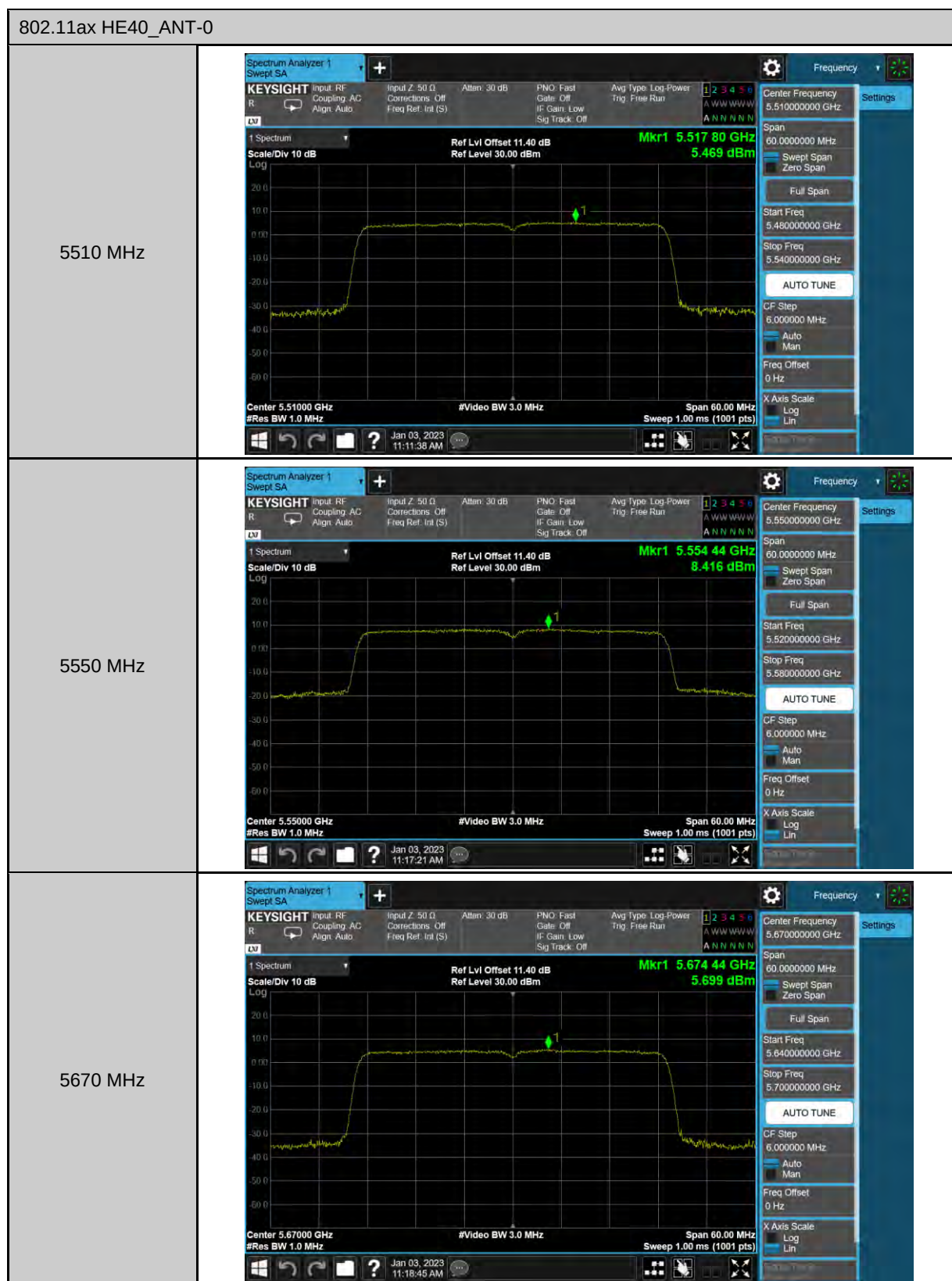
5190 MHz

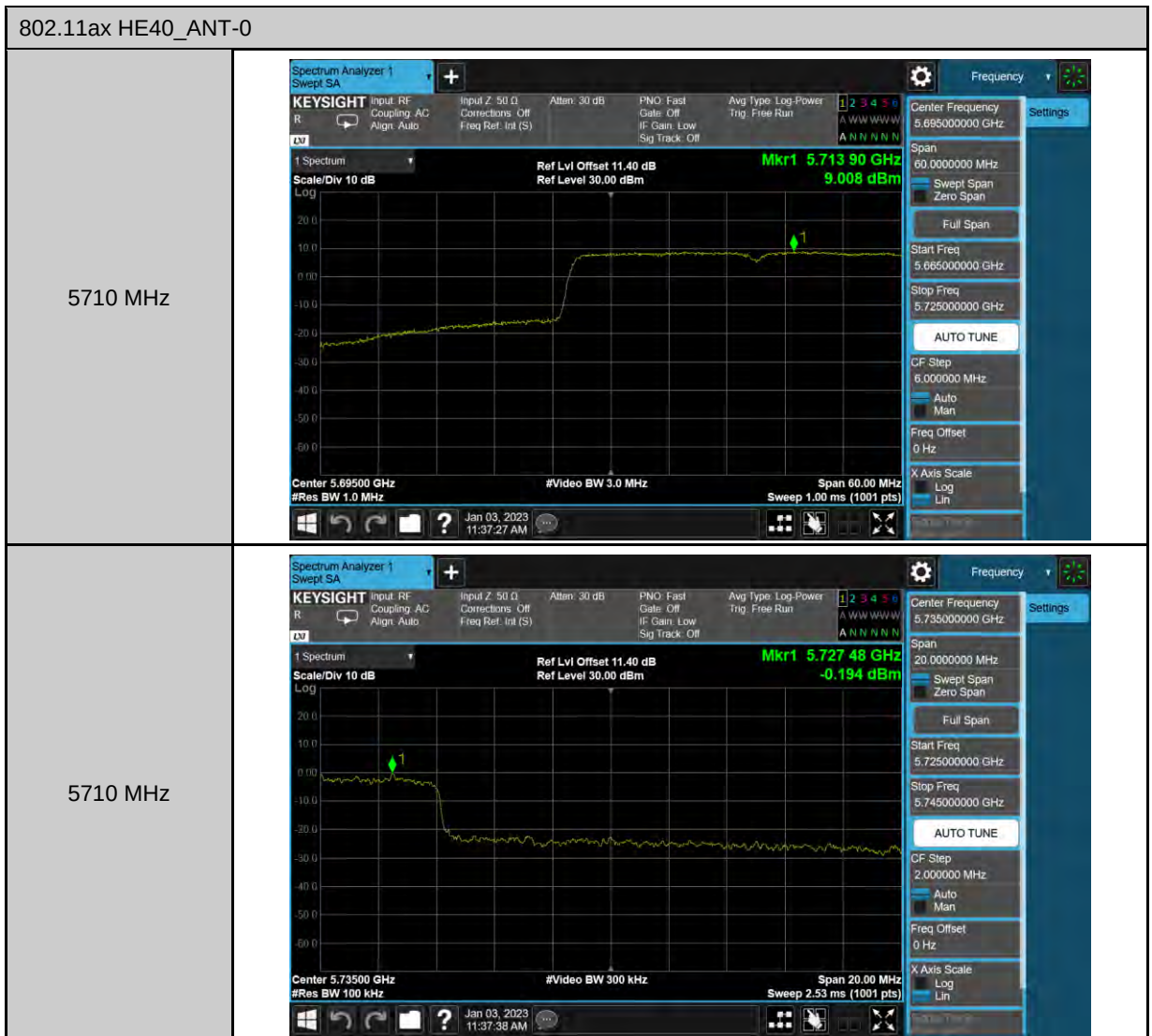


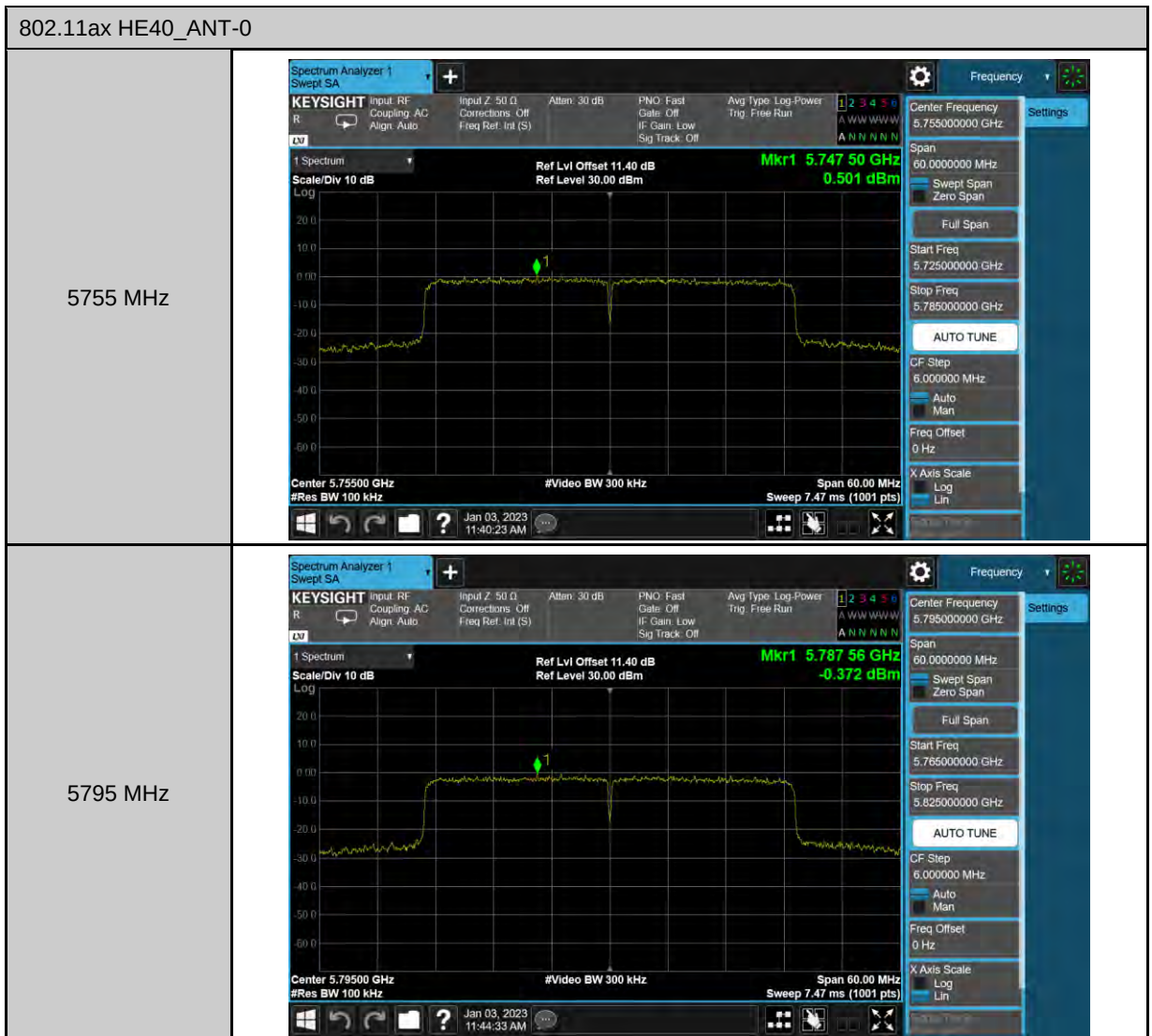
5230 MHz

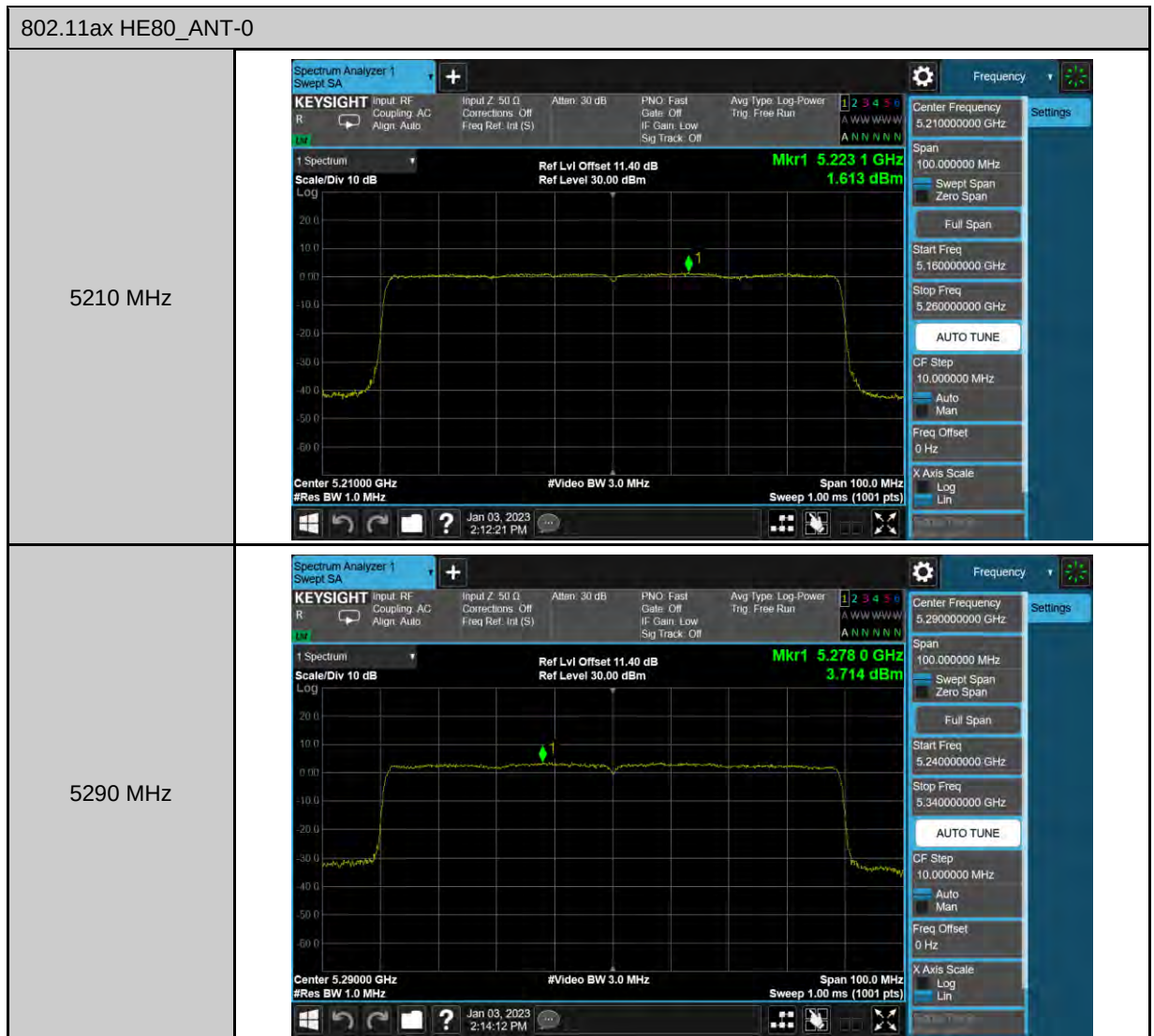


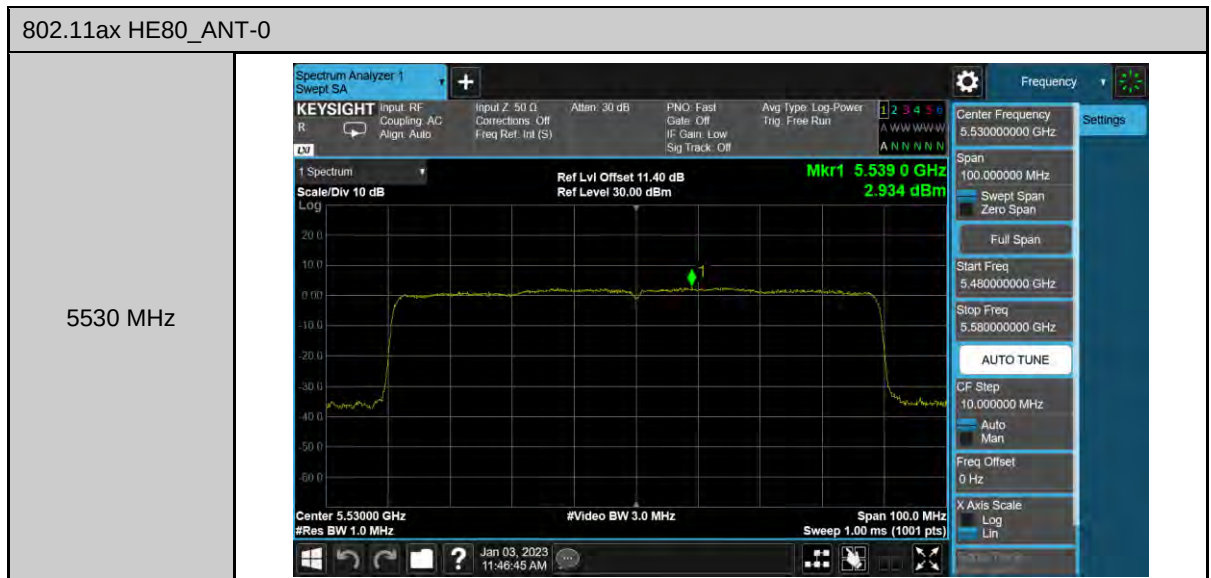








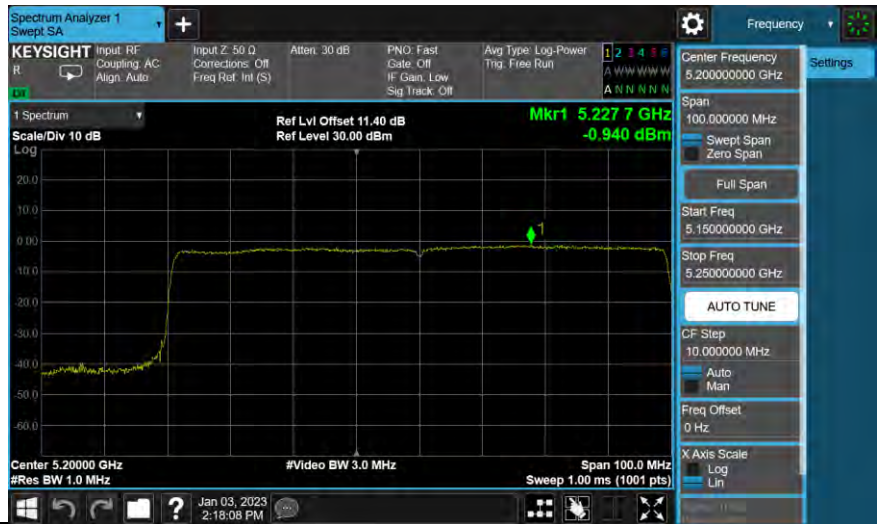




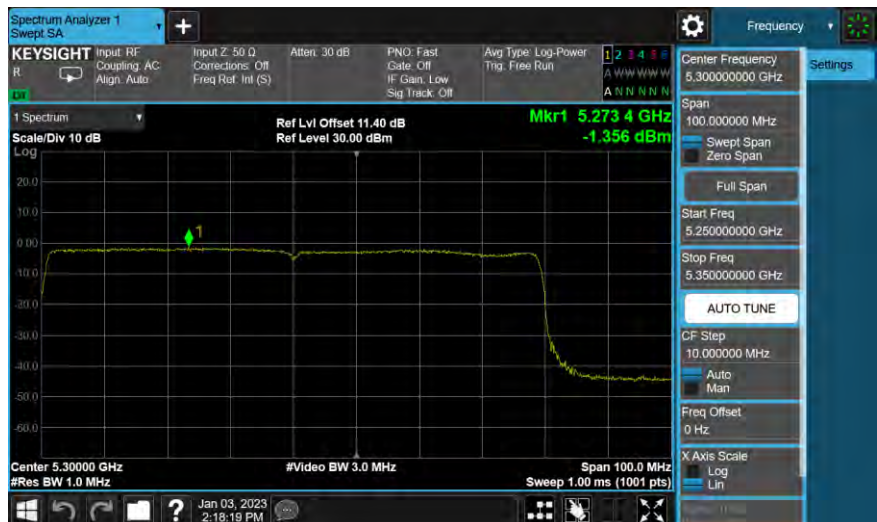


802.11ax HE160_ANT-0

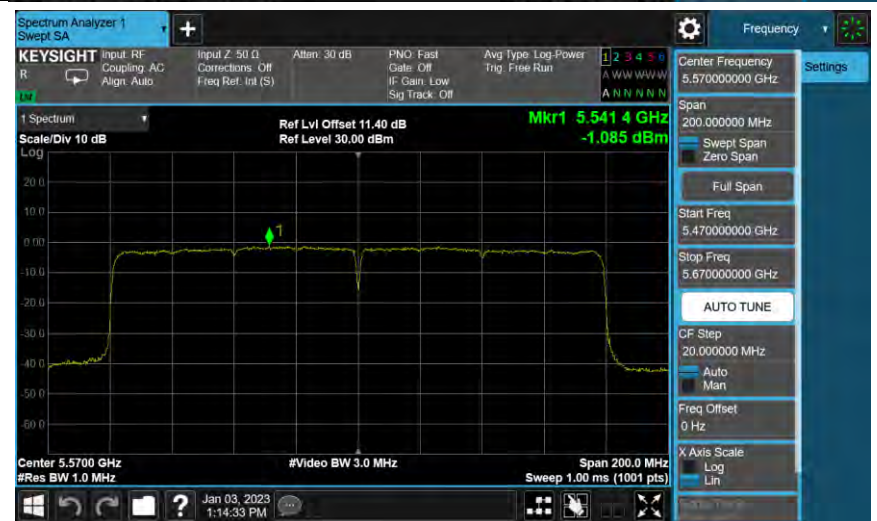
5250 MHz



5250 MHz



5570 MHz



26 dB Bandwidth

802.11a

5180 MHz

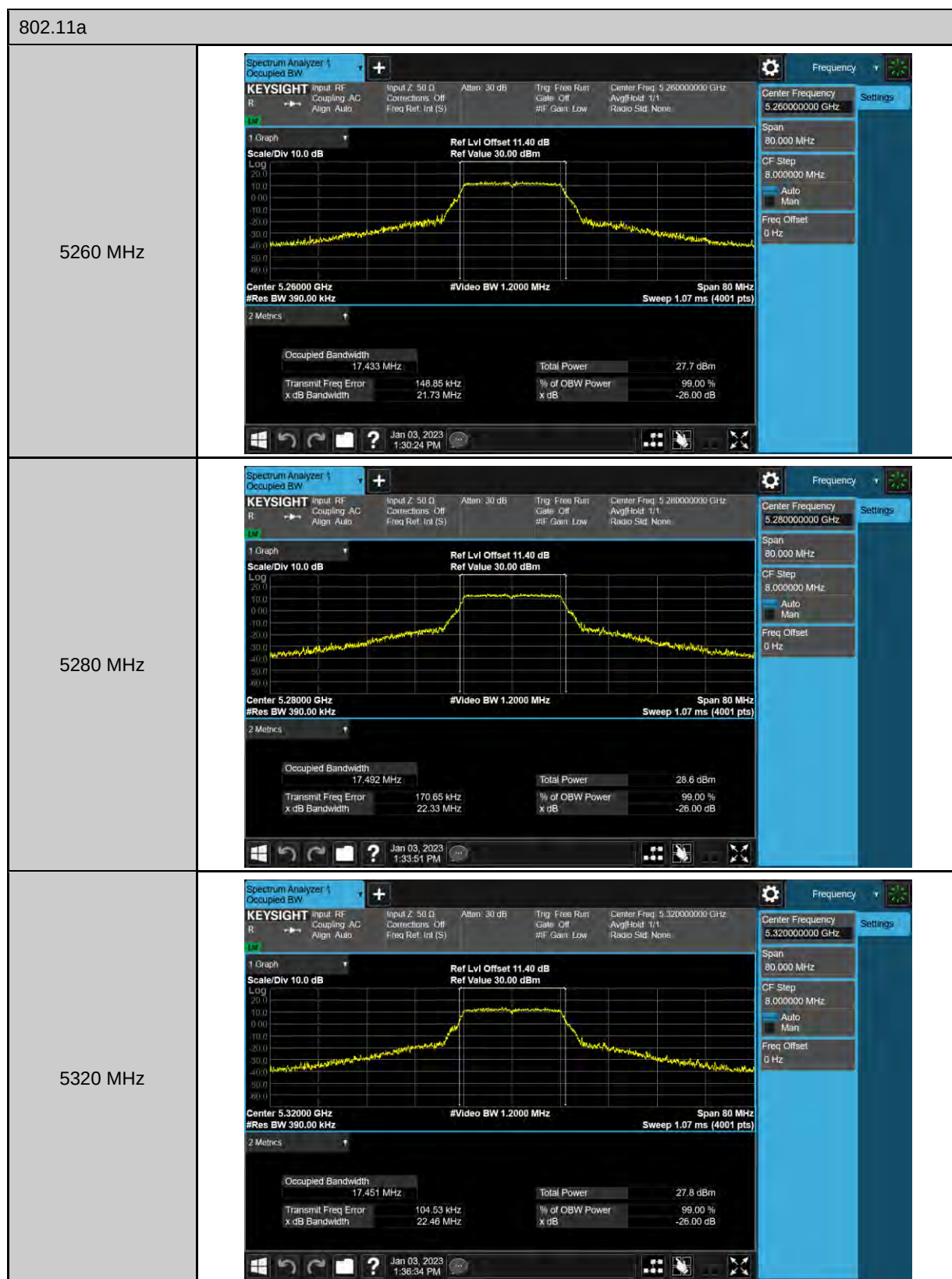


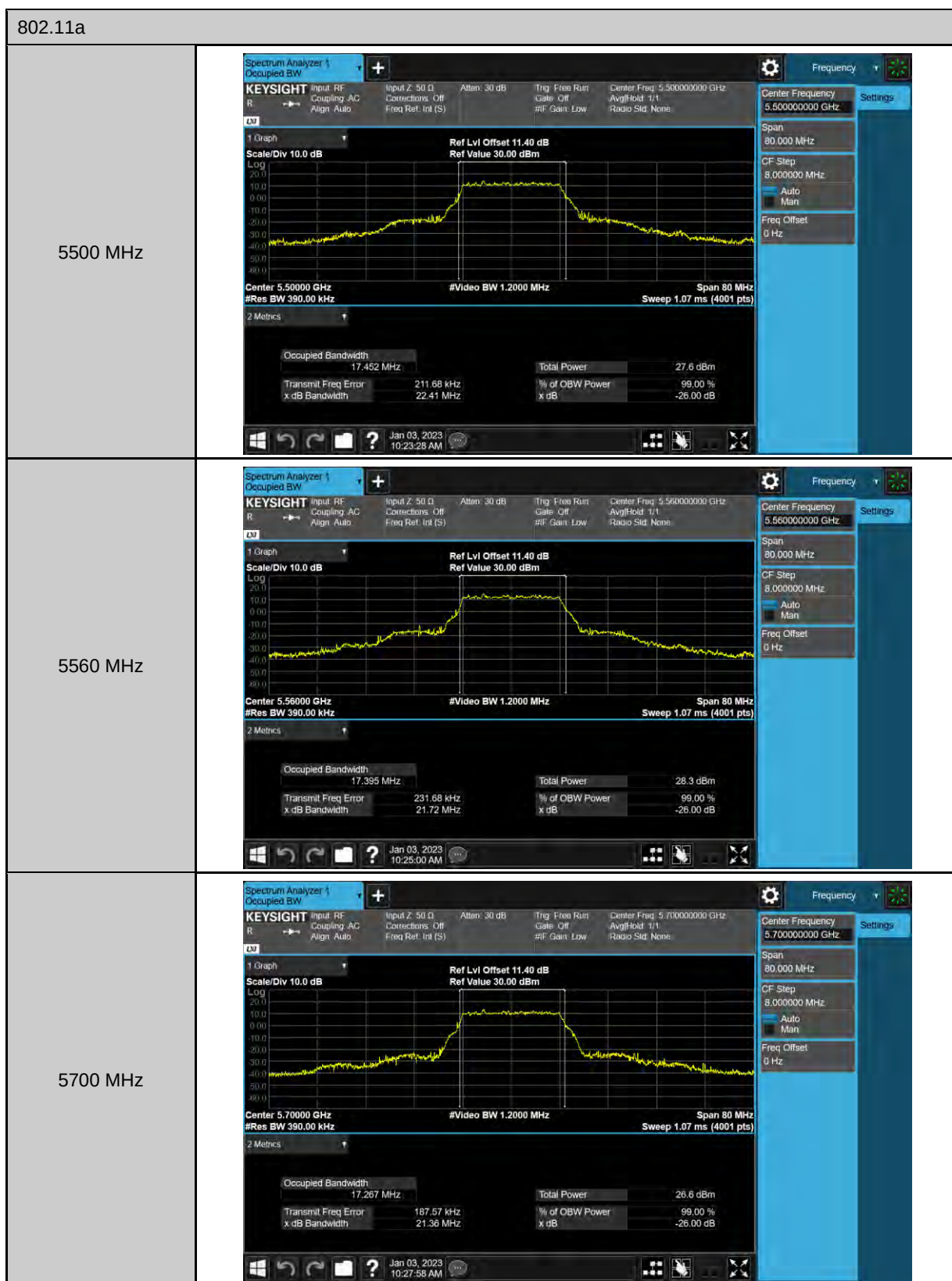
5200 MHz



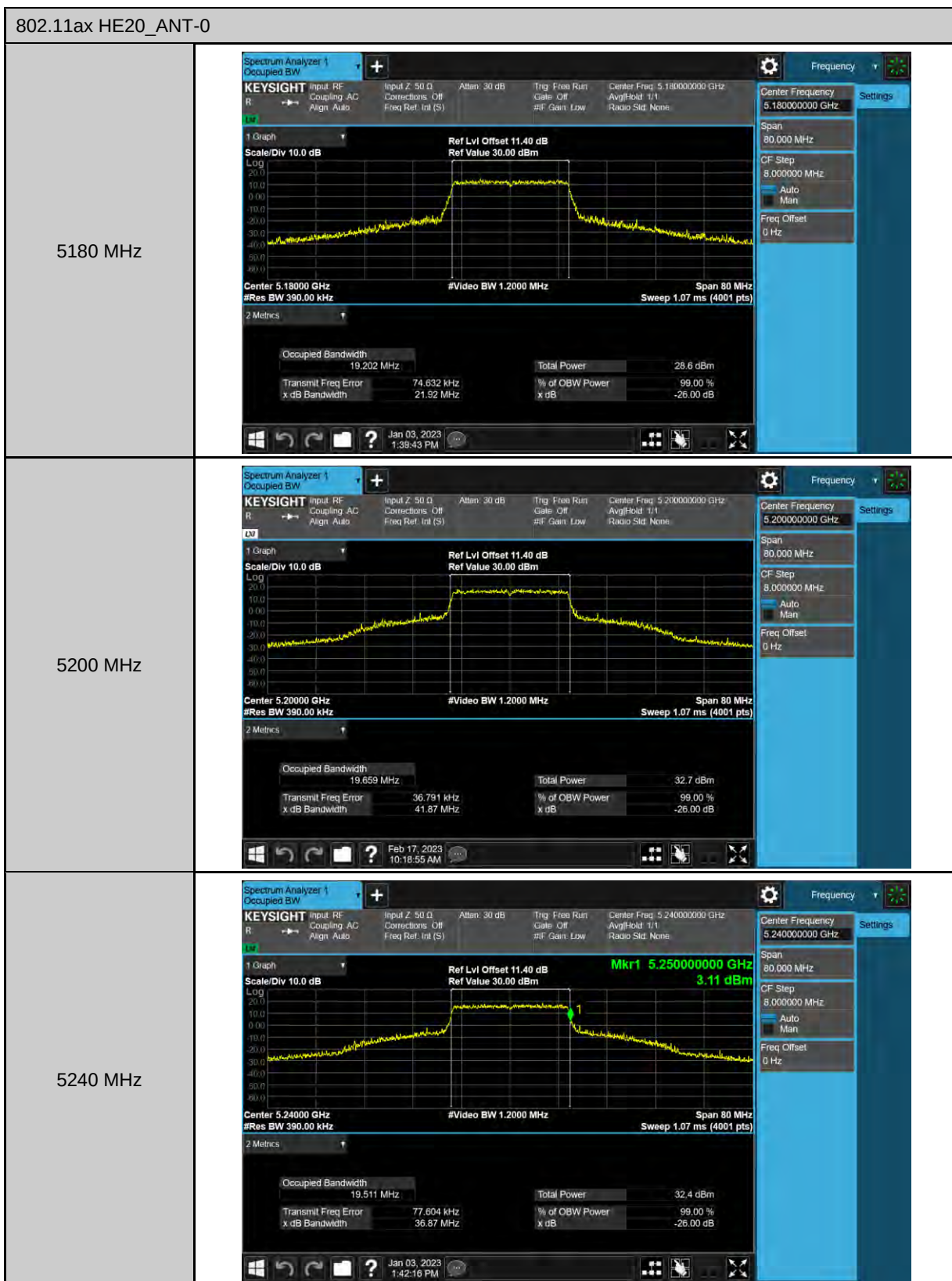
5240 MHz











802.11ax HE20_ANT-0

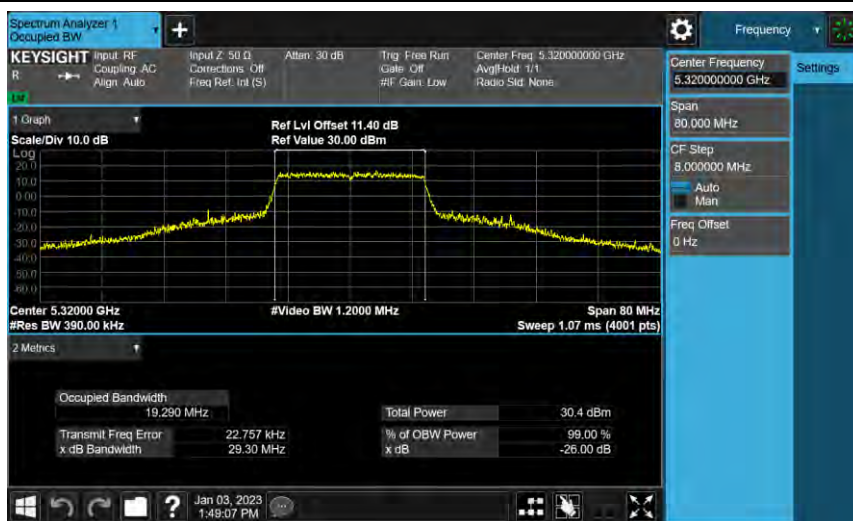
5260 MHz

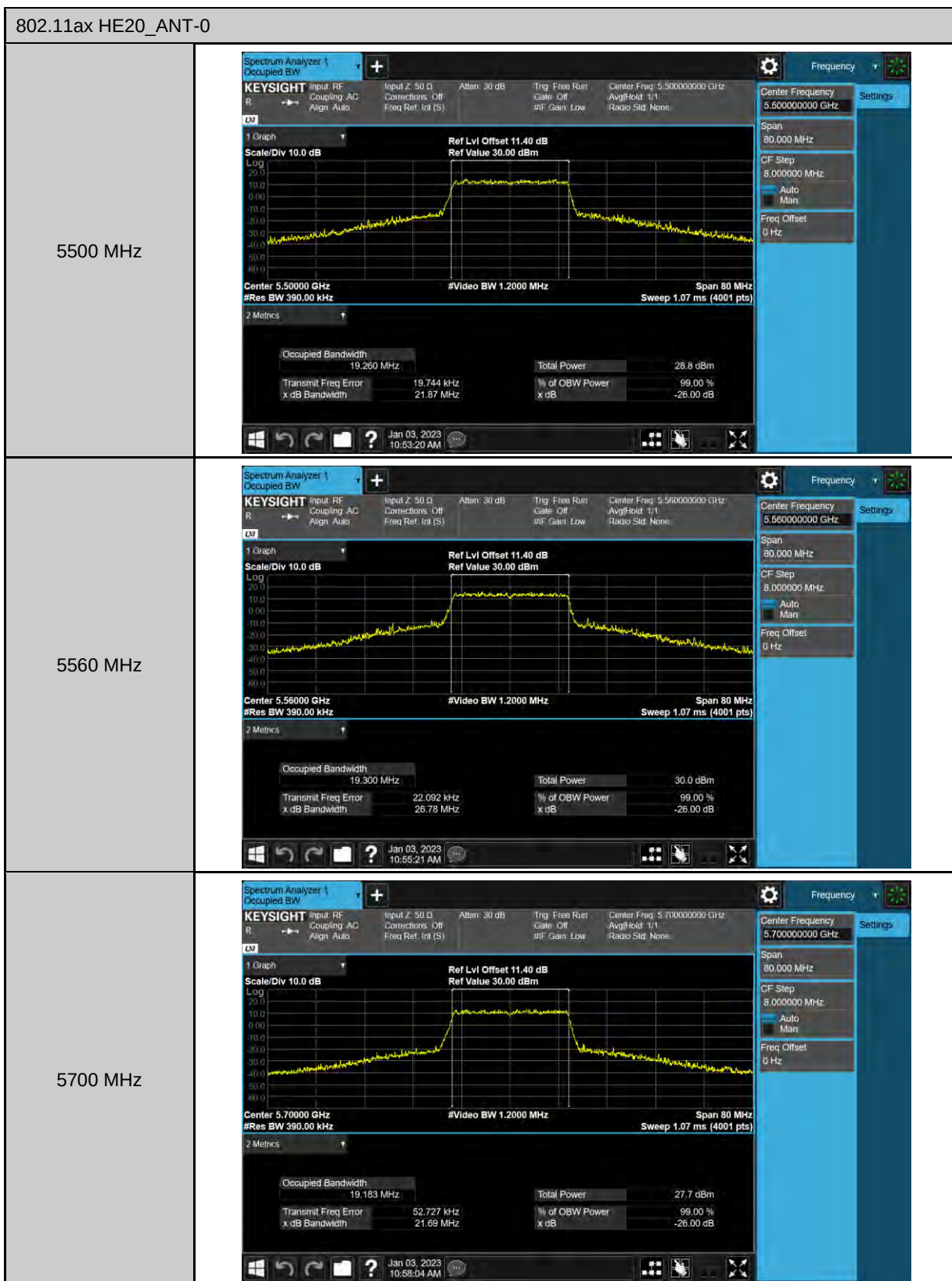


5280 MHz



5320 MHz







802.11ax HE40_ANT-0

5190 MHz

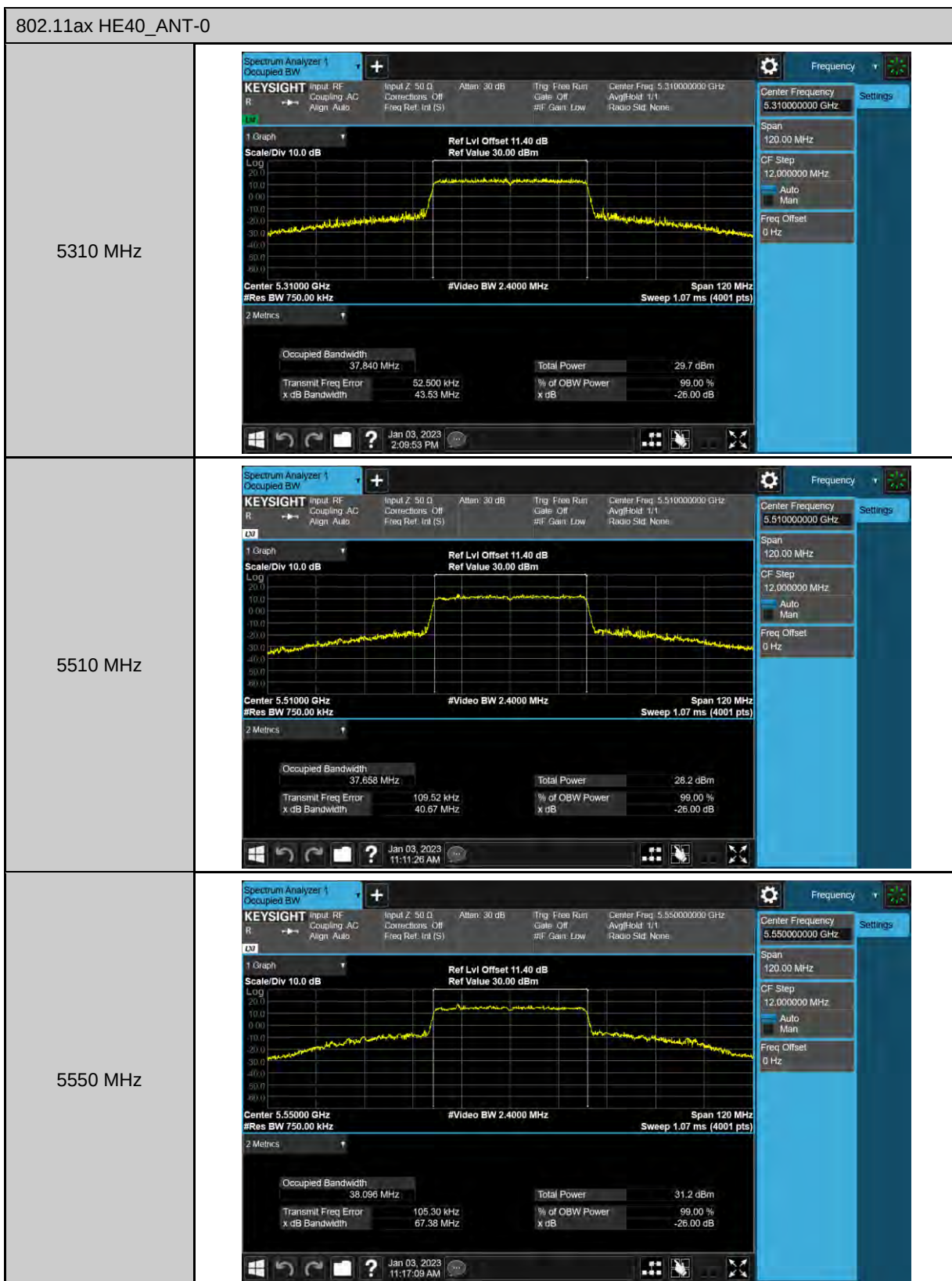


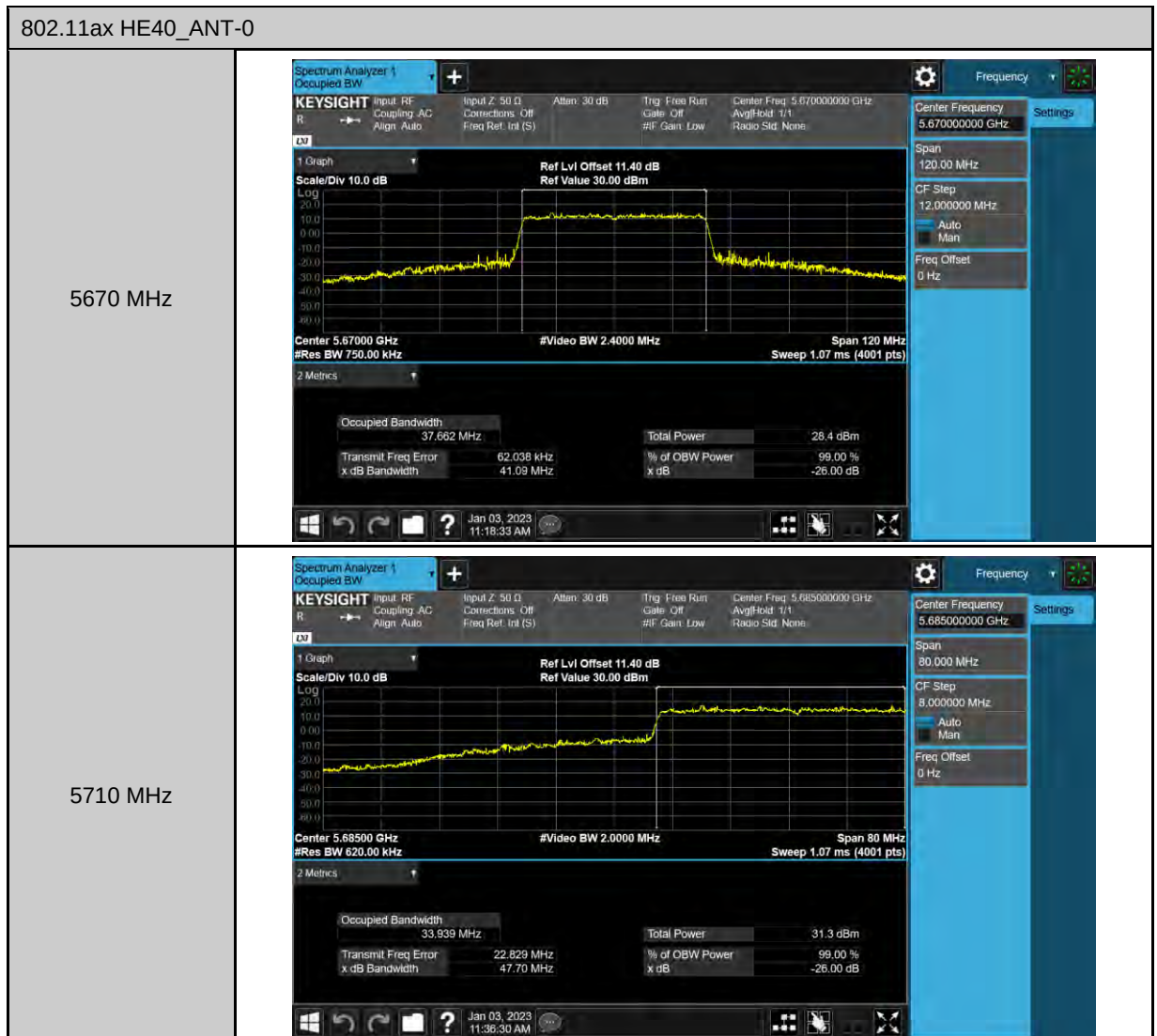
5230 MHz



5270 MHz

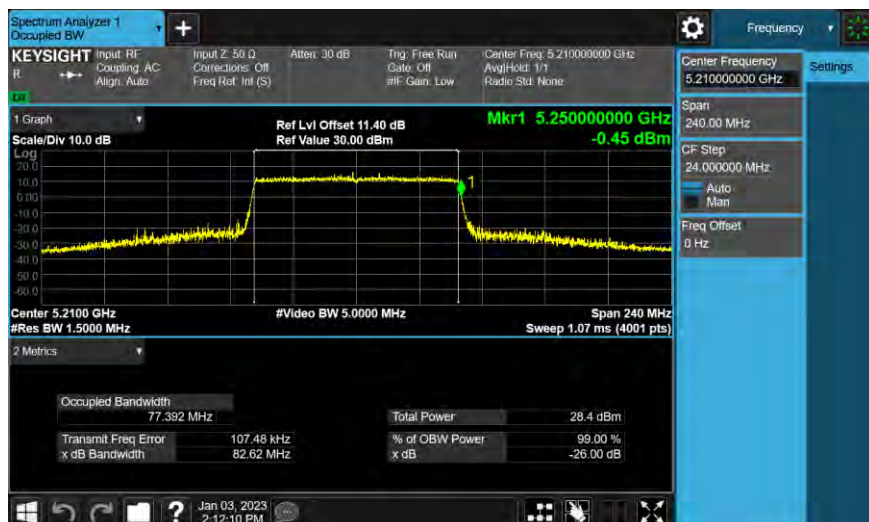






802.11ax HE80_ANT-0

5210 MHz



5290 MHz



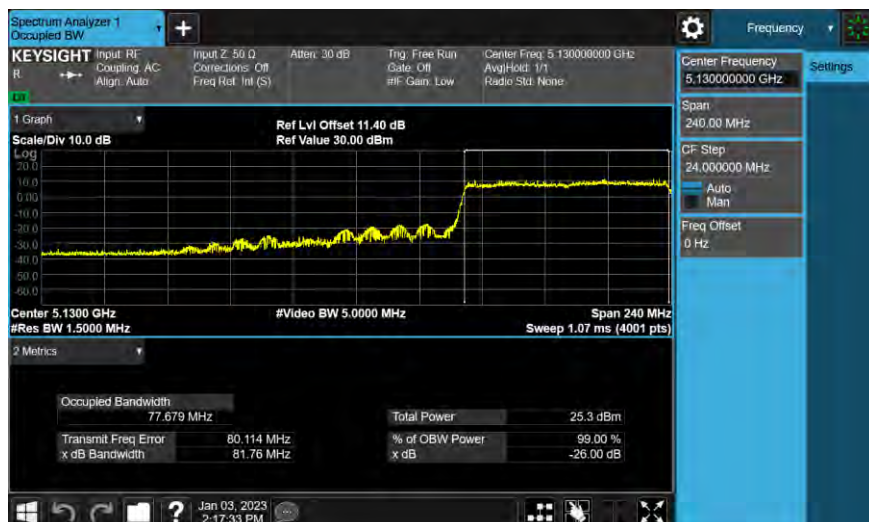
5530 MHz



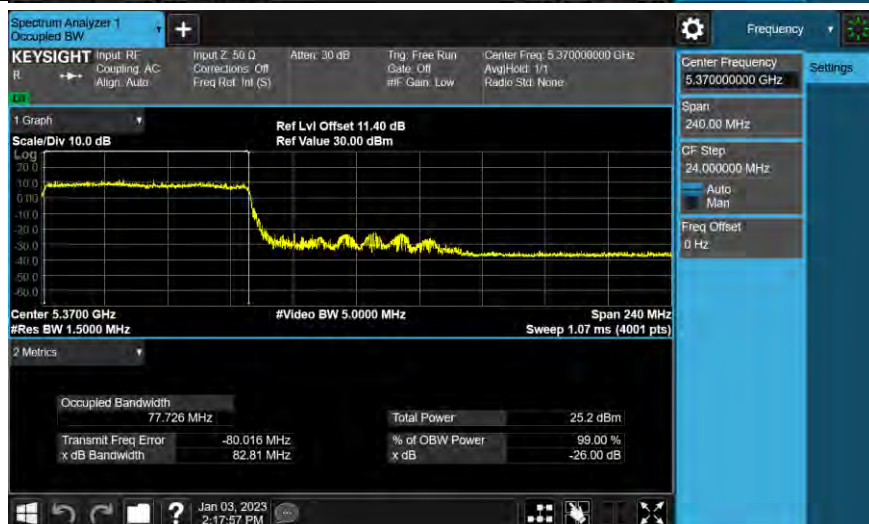


802.11ax HE160_ANT-0

5250 MHz



5250 MHz

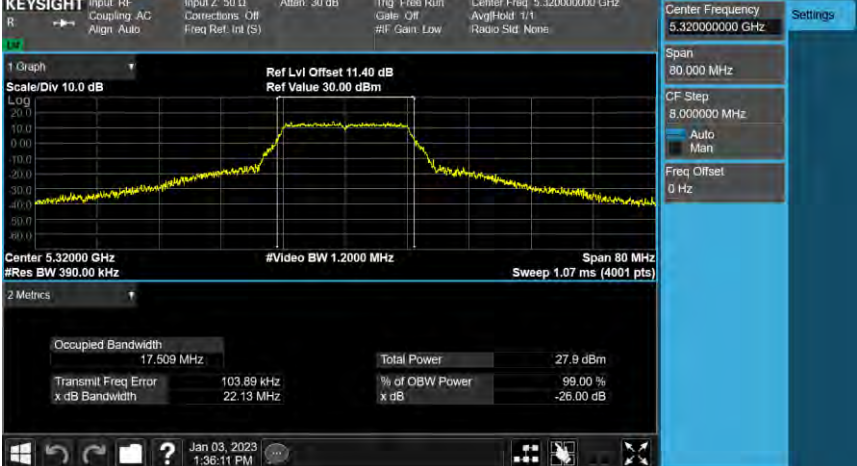


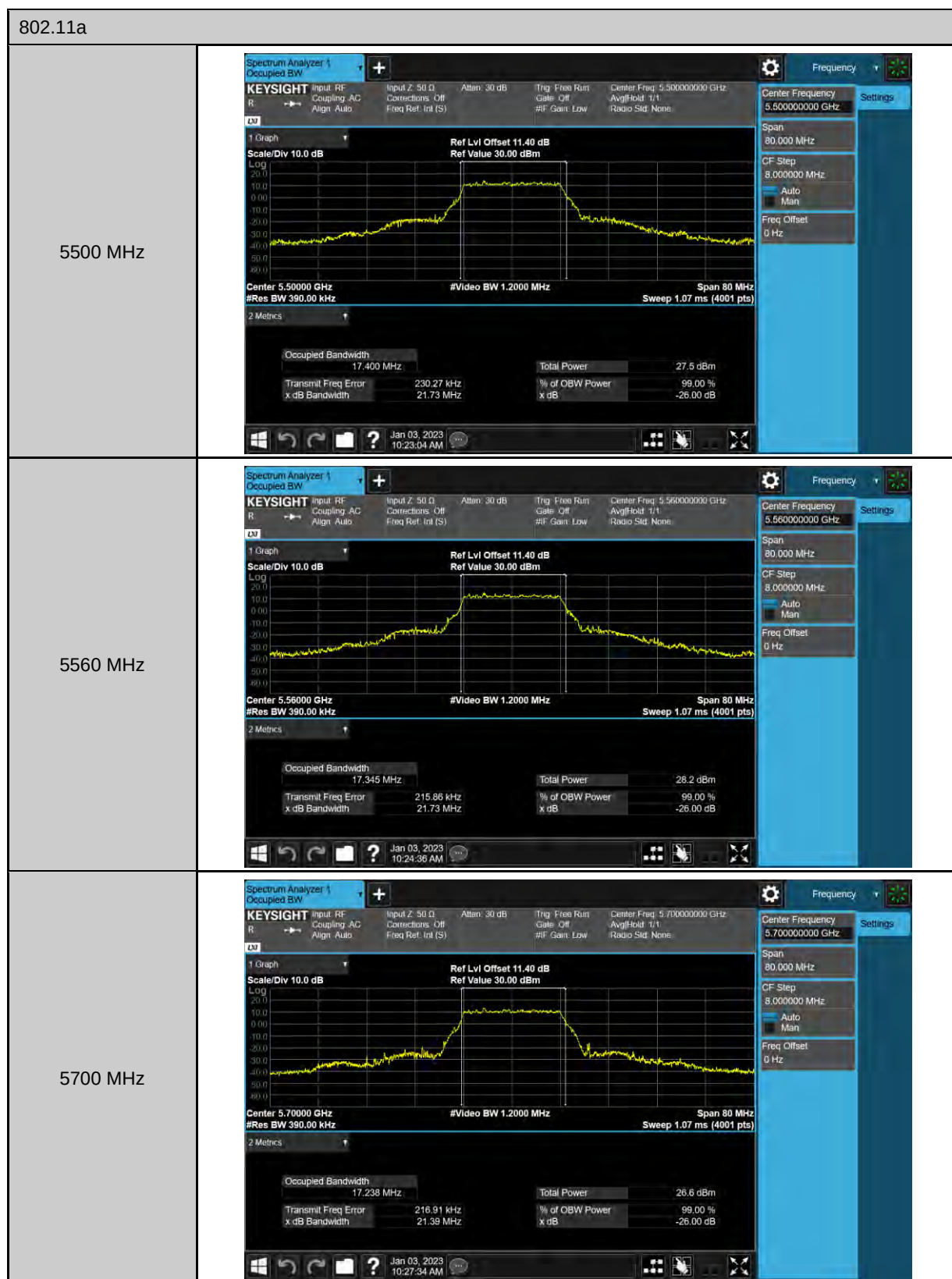
5570 MHz



99% Occupied Bandwidth

802.11a 5180 MHz	
5200 MHz	
5240 MHz	

802.11a	
5260 MHz	
5280 MHz	
5320 MHz	





802.11ax HE20_ANT-0

5180 MHz

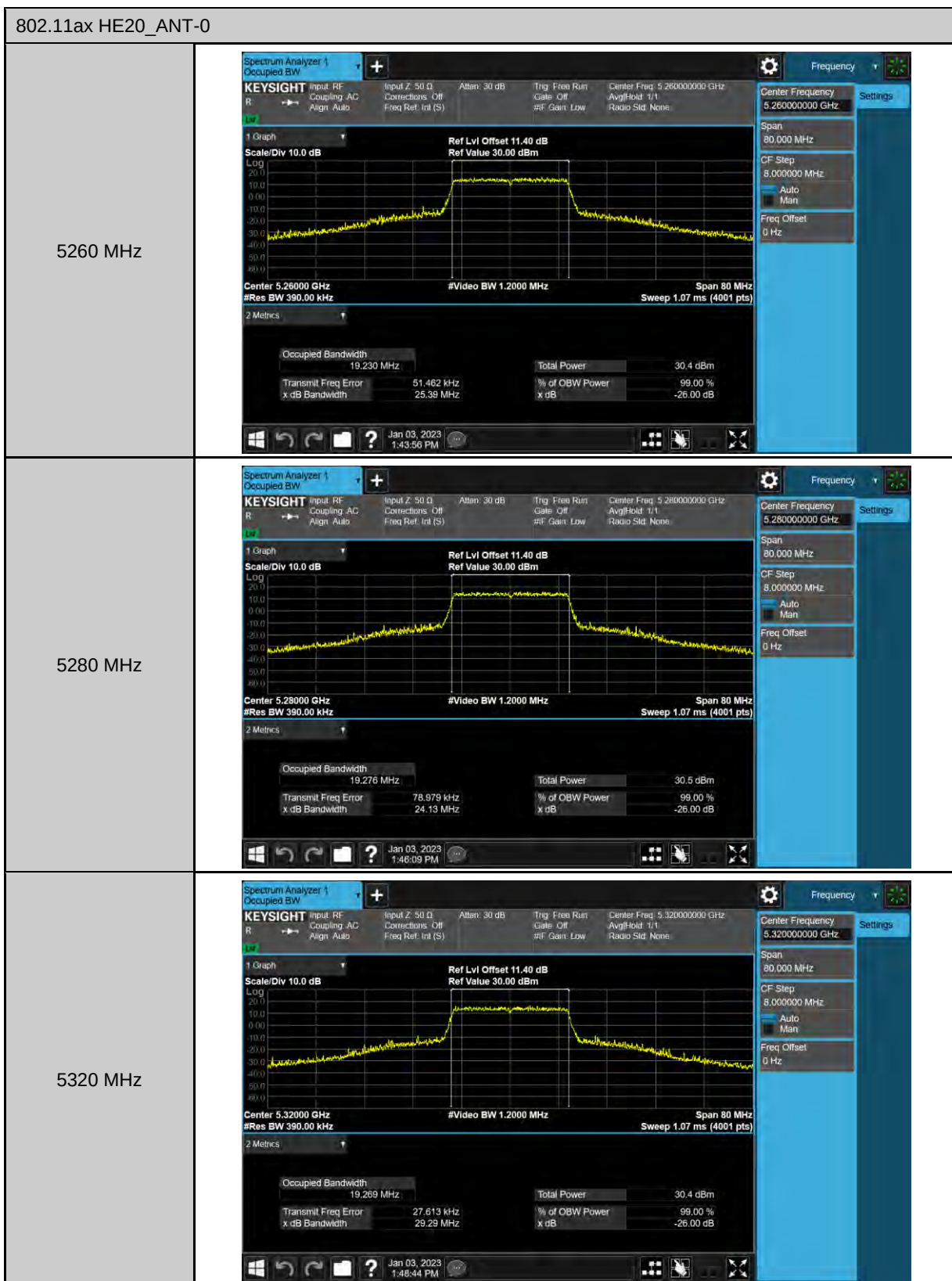


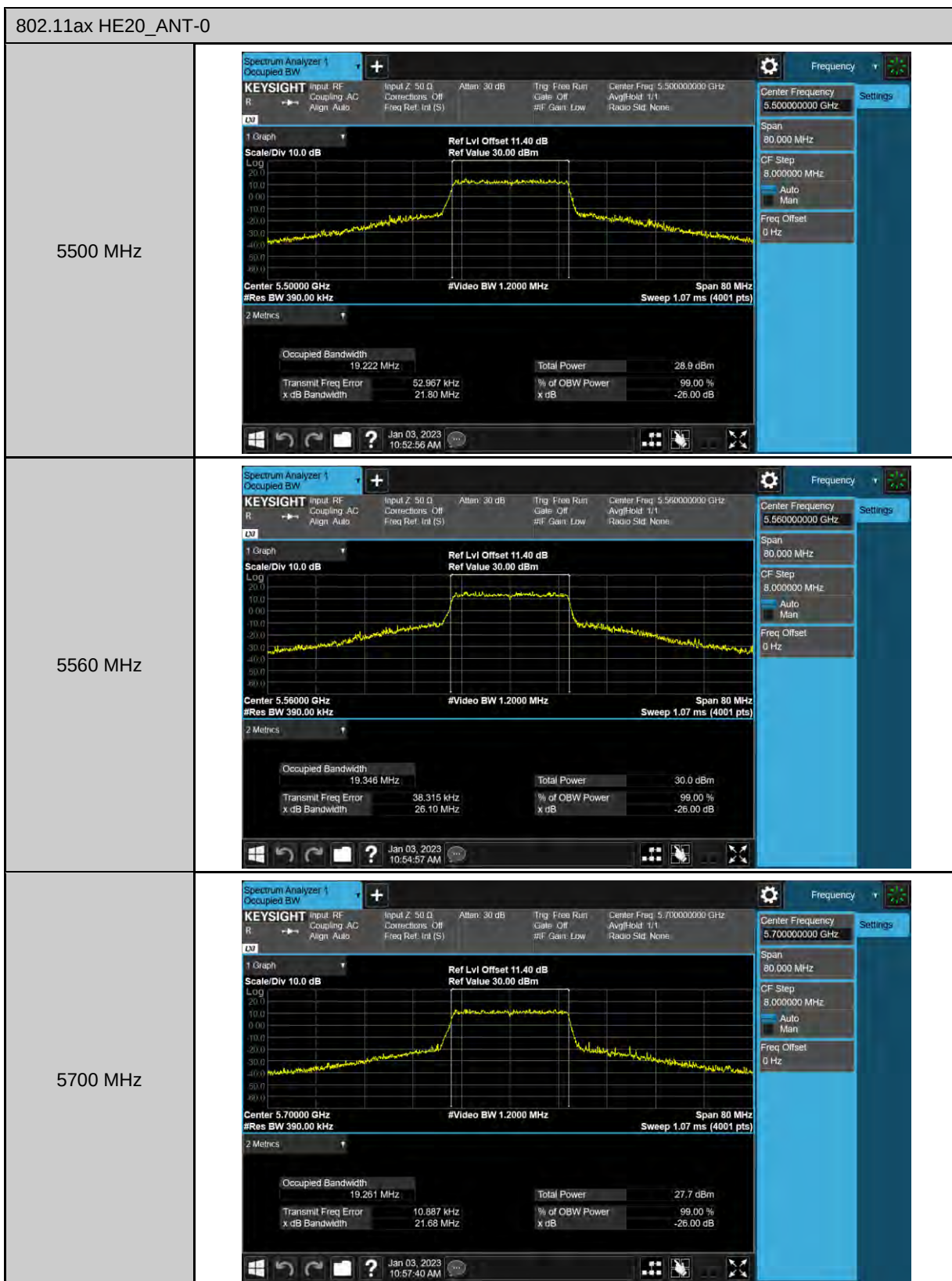
5200 MHz



5240 MHz



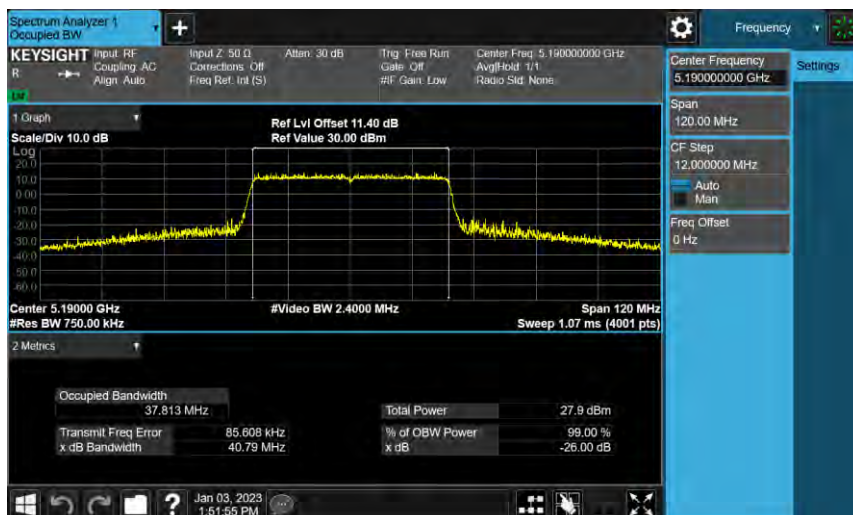






802.11ax HE40_ANT-0

5190 MHz

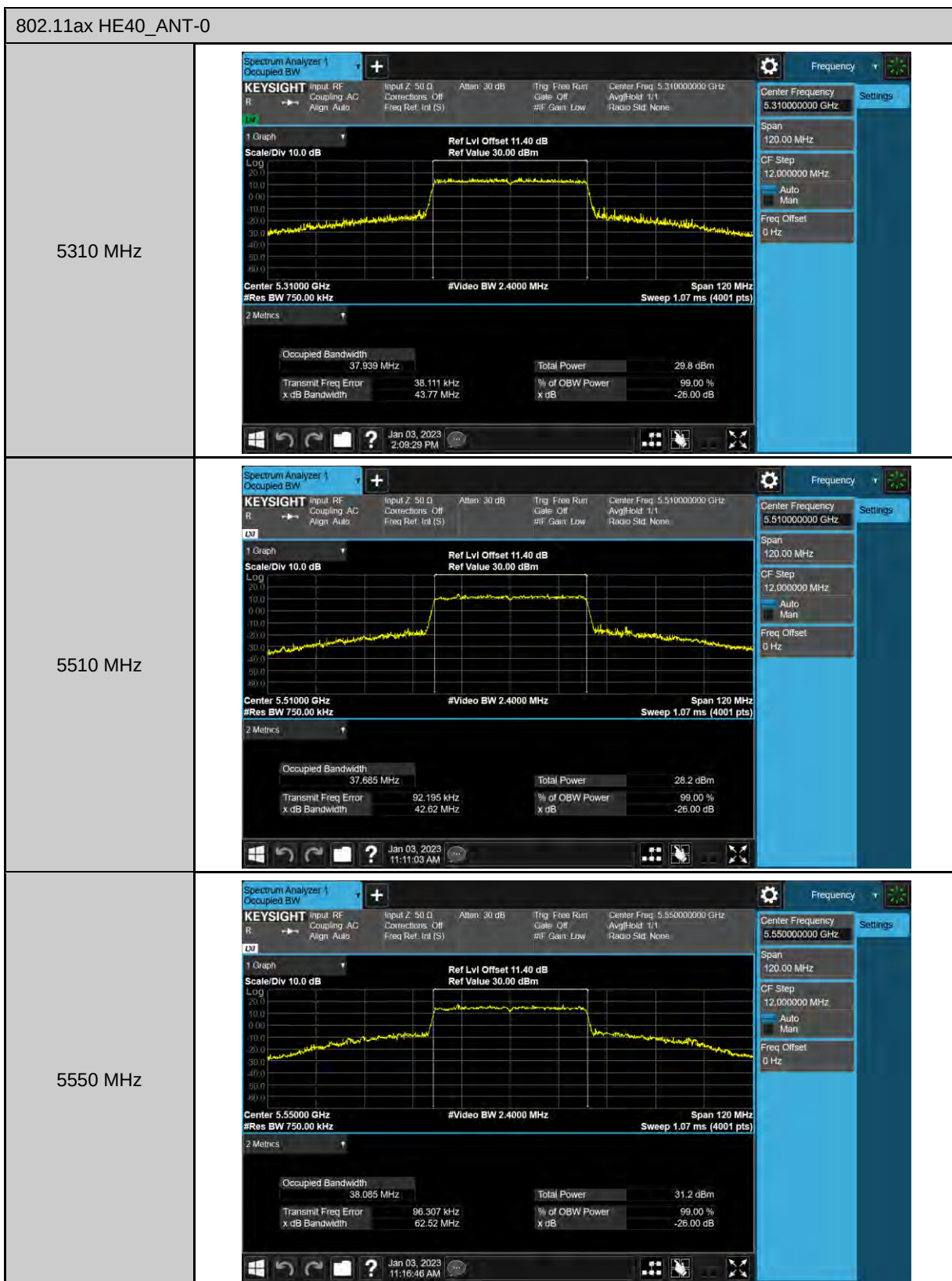


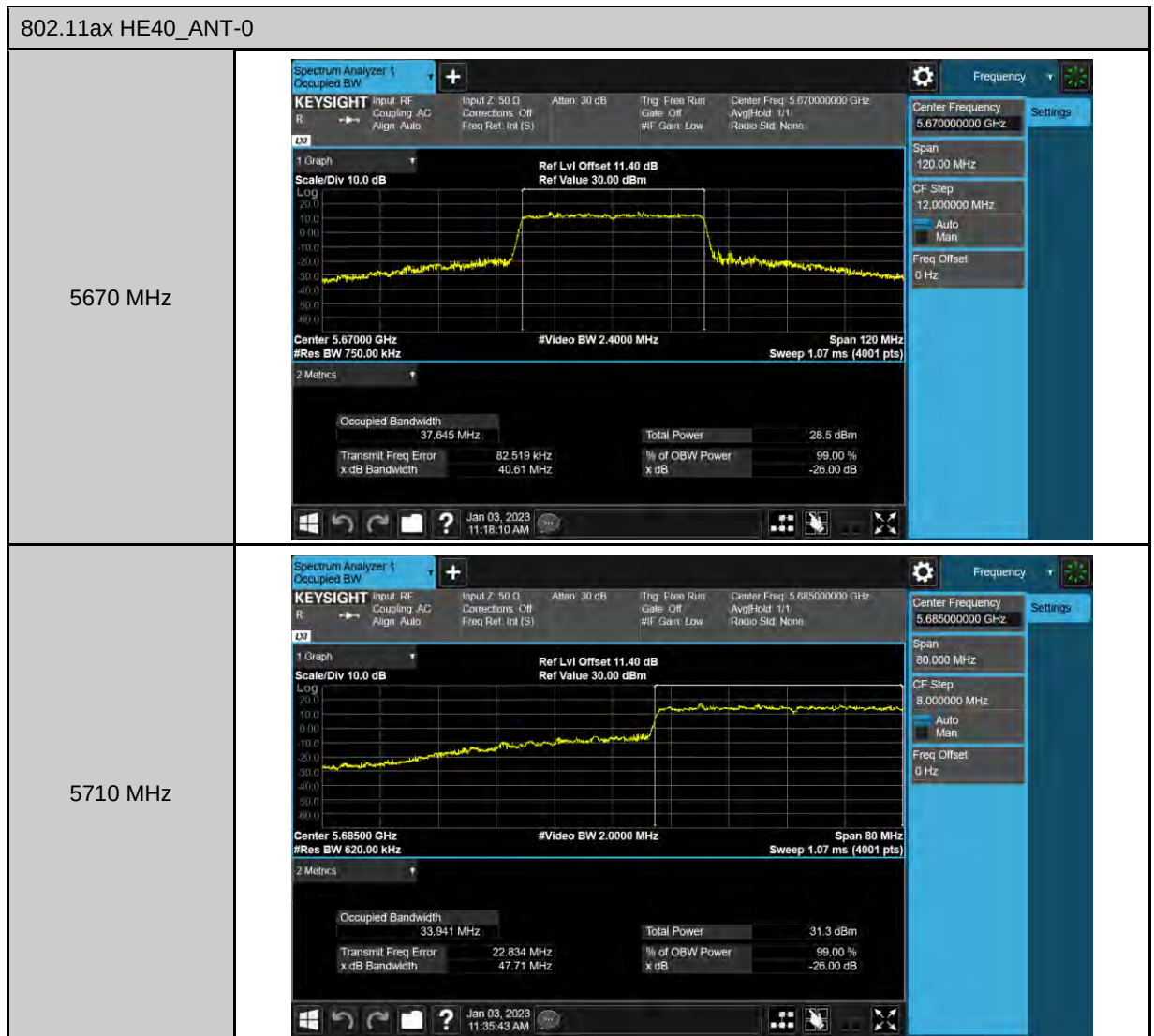
5230 MHz



5270 MHz







802.11ax HE80_ANT-0

5210 MHz



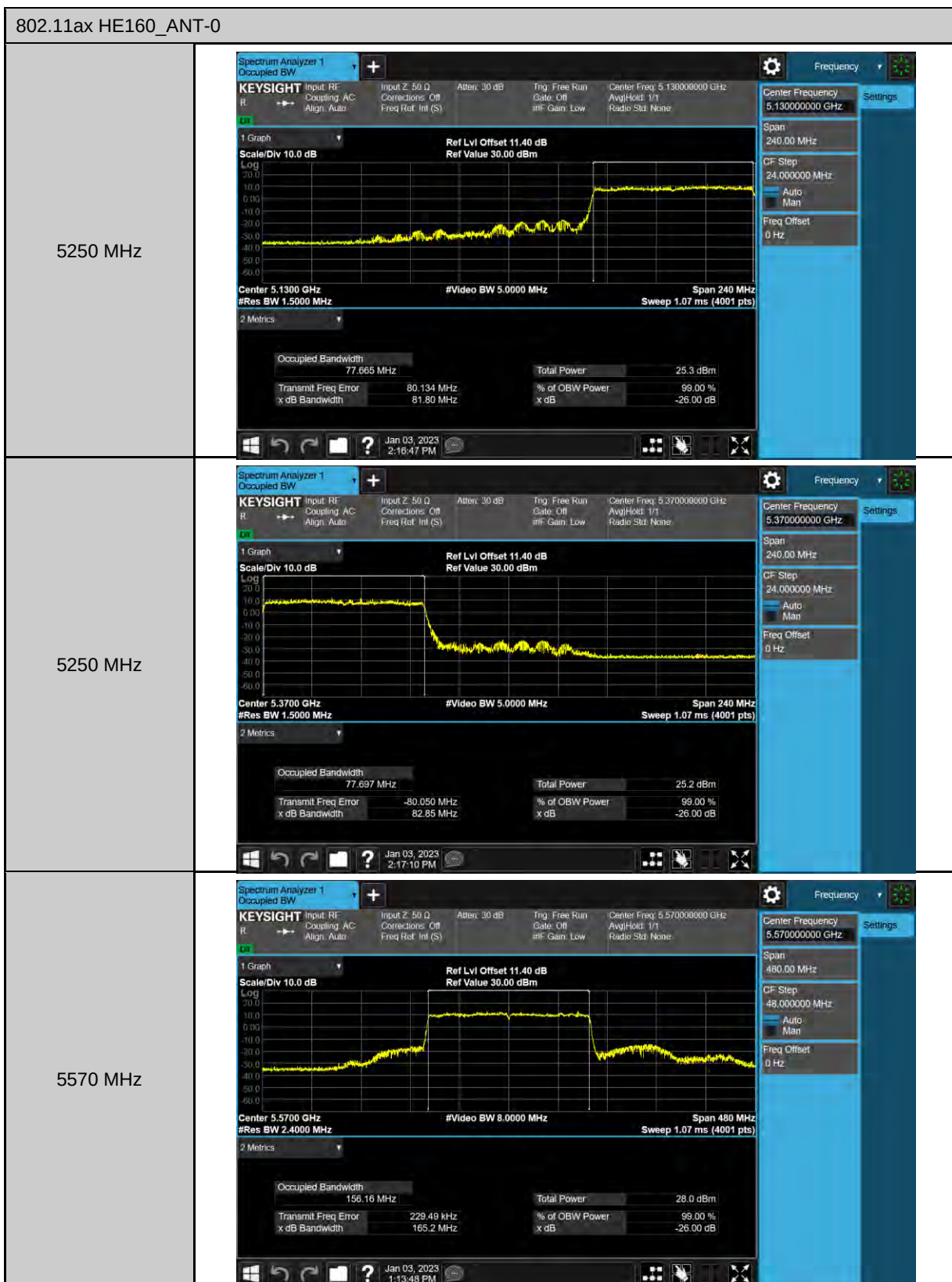
5290 MHz



5530 MHz







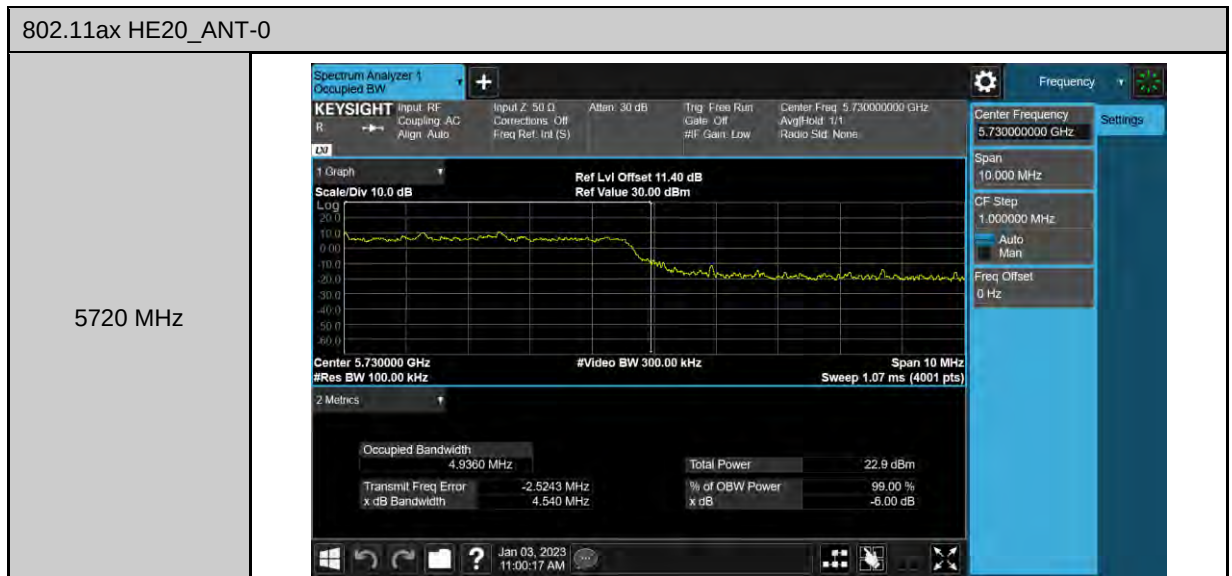
6 dB Bandwidth

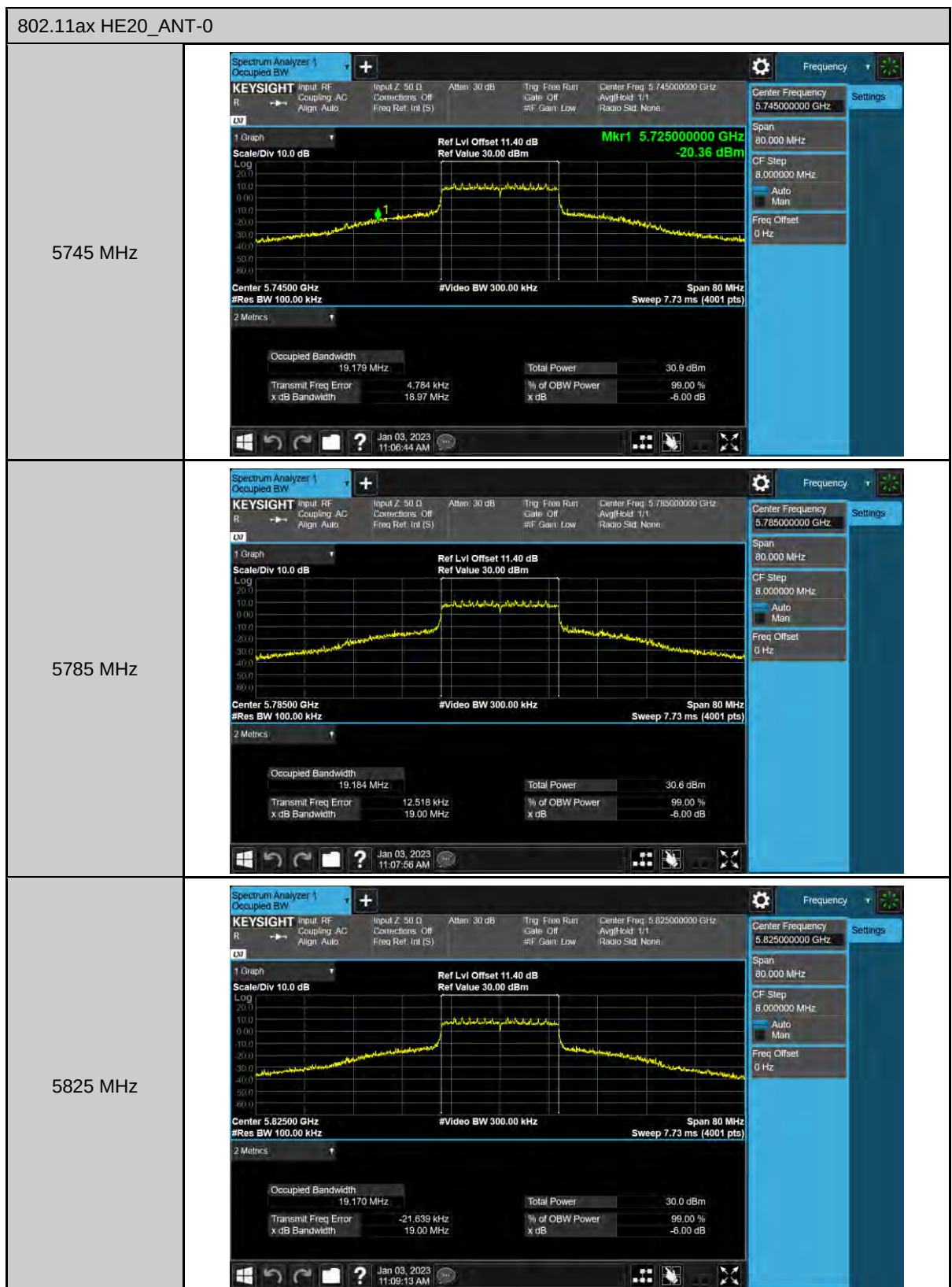
802.11a

5720 MHz



802.11a 5745 MHz	
5785 MHz	
5825 MHz	





802.11ax HE40_ANT-0

5710 MHz



5755 MHz



5795 MHz





99% Occupied Bandwidth

802.11a

5720 MHz



802.11a 5745 MHz	 Center Frequency: 5.74500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.052 MHz Total Power: 30.4 dBm Transmit Freq Error: 135.78 kHz % of OBW Power: 99.00 %
5785 MHz	 Center Frequency: 5.78500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.842 MHz Total Power: 30.6 dBm Transmit Freq Error: 177.49 kHz % of OBW Power: 99.00 %
5825 MHz	 Center Frequency: 5.82500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.979 MHz Total Power: 29.9 dBm Transmit Freq Error: -167.59 kHz % of OBW Power: 99.00 %



802.11ax HE20_ANT-0 5745 MHz	
5785 MHz	
5825 MHz	

802.11ax HE40_ANT-0

5710 MHz



5755 MHz



5795 MHz



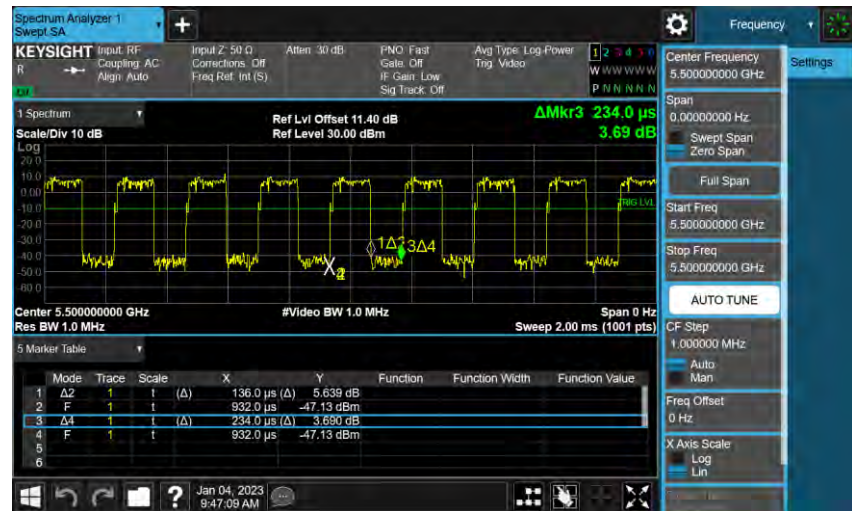


MIMO High Band_B2C & B3 2X2

Duty Cycle

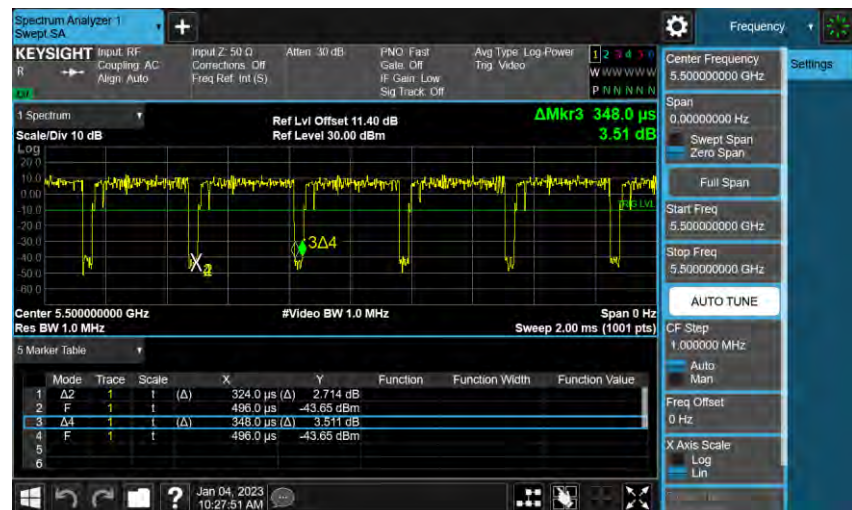
802.11a

On+off time



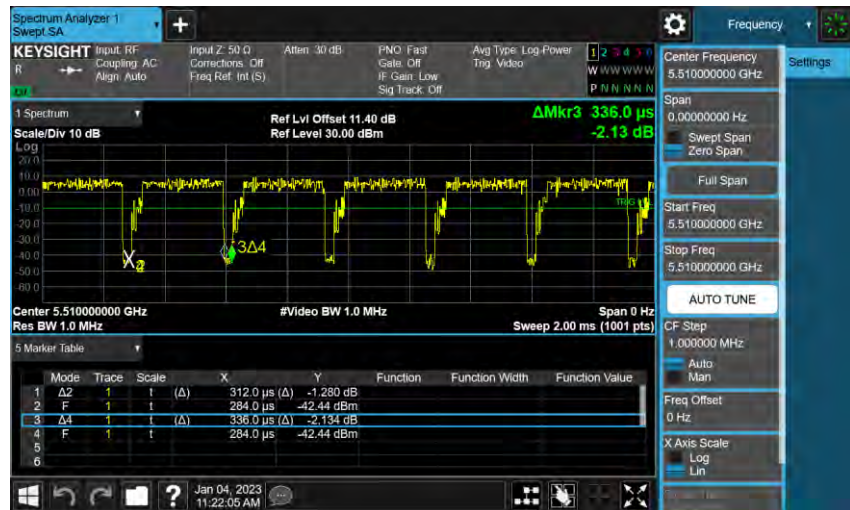
802.11ax HE20

On+off time



802.11ax HE40

On+off time



802.11ax HE80

On+off time



802.11ax HE160

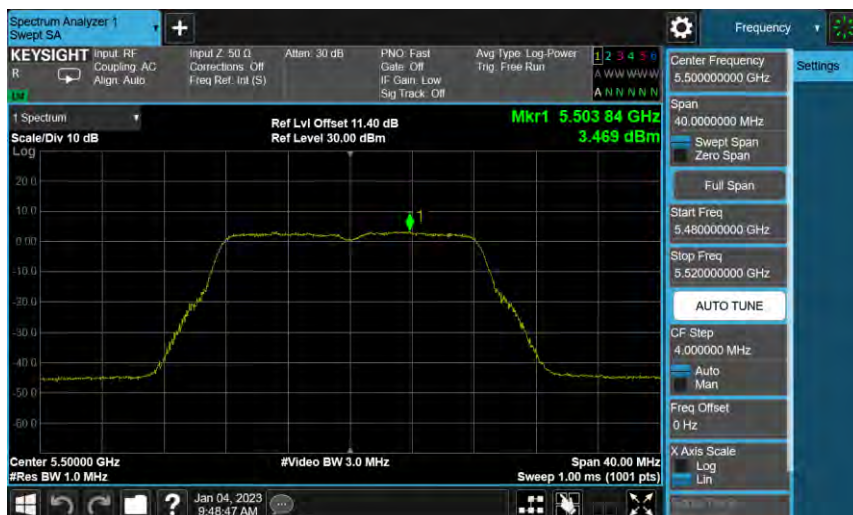
On+off time



Maximum Power Spectral Density

802.11a_ANT-0

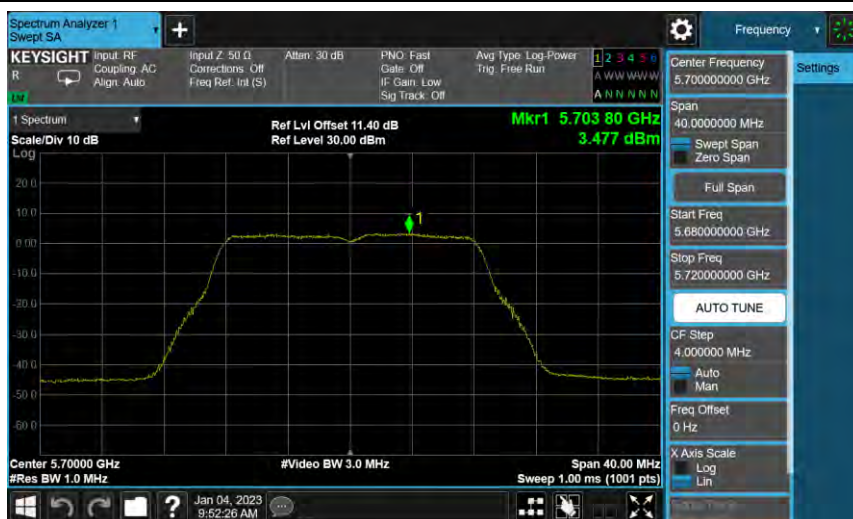
5500 MHz



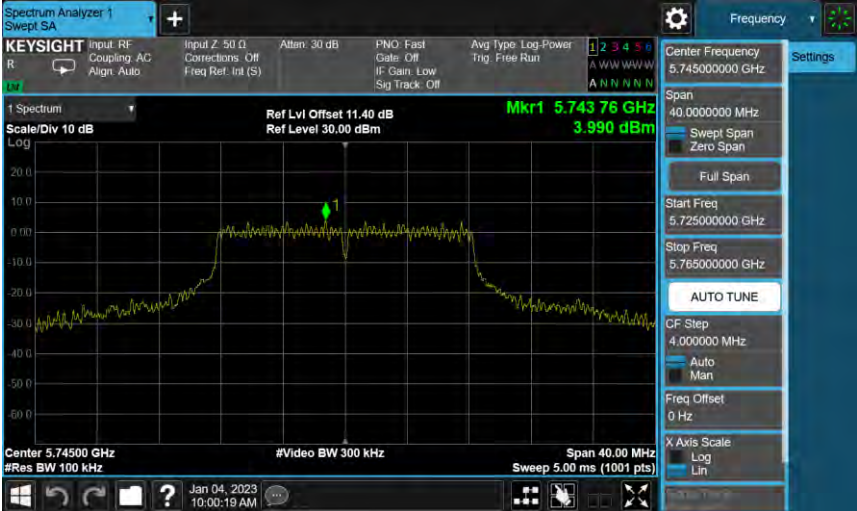
5560 MHz



5700 MHz





802.11a_ANT-0	
5785 MHz	
5825 MHz	

802.11ax HE20_ANT-0

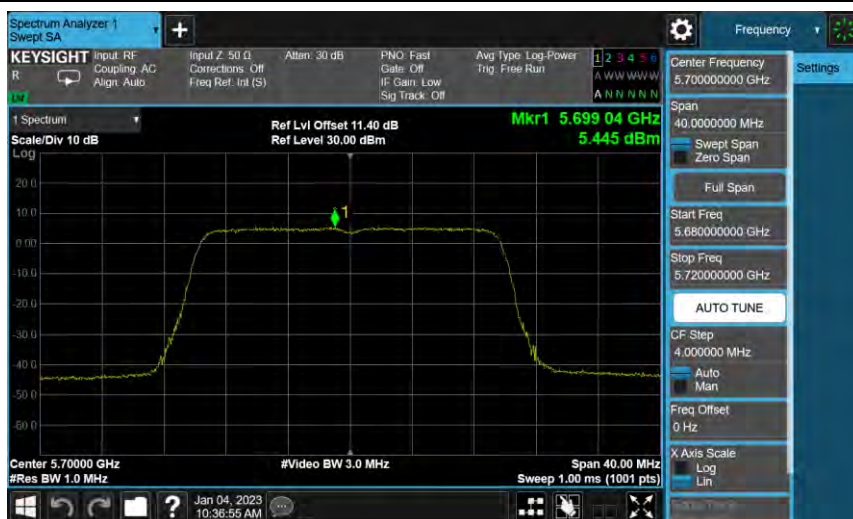
5500 MHz

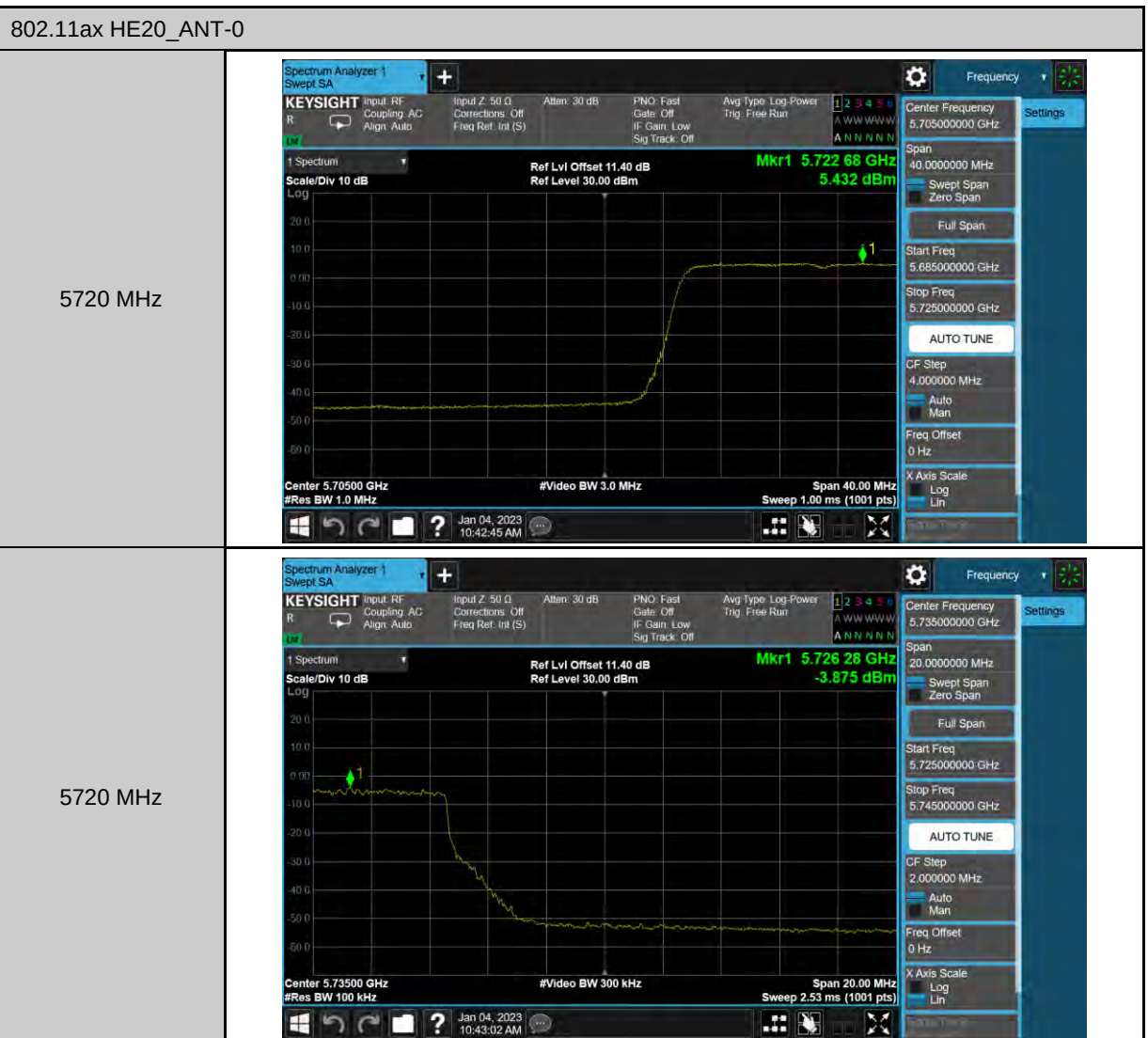


5560 MHz



5700 MHz





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Version: 00