

High Band B2C & B3 1X1

802.11a_ANT-0

5500 MHz

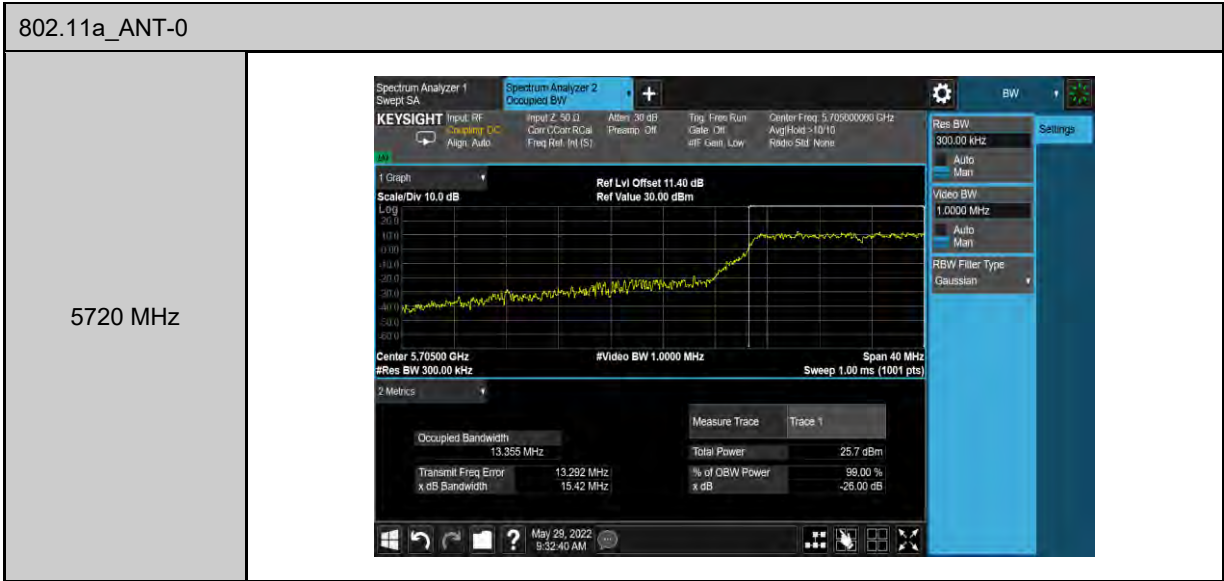


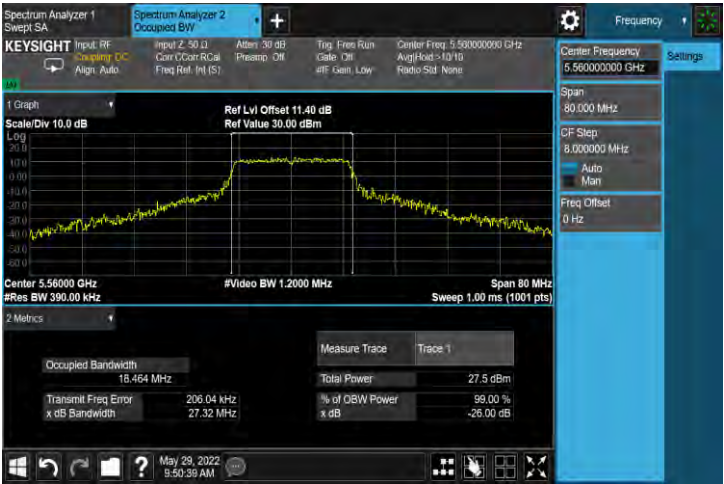
5560 MHz

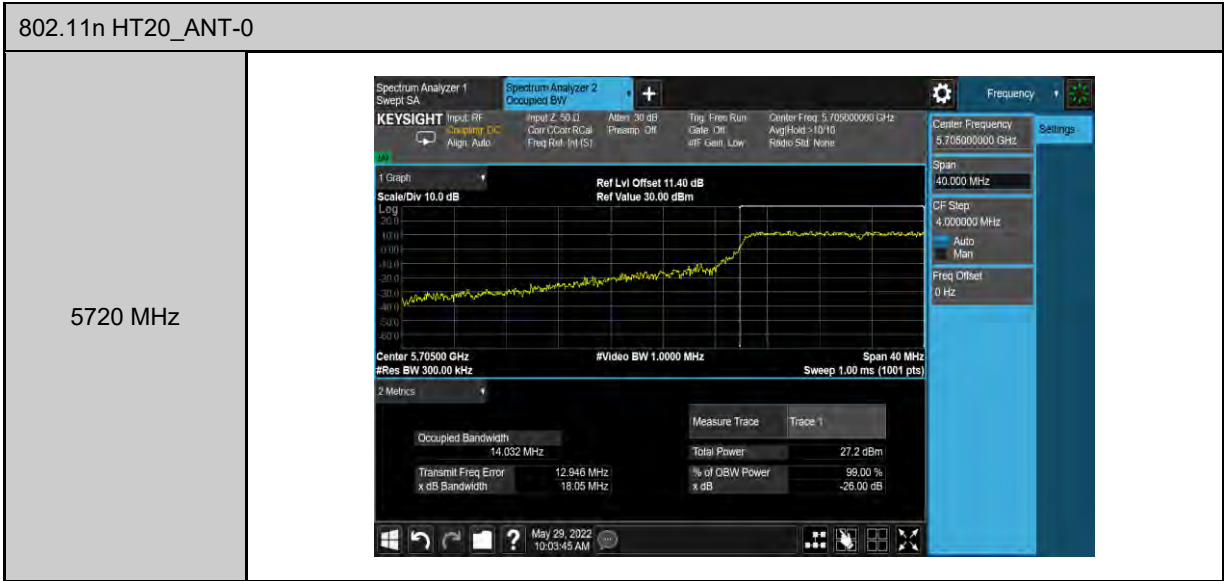


5700 MHz





802.11n HT20_ANT-0	
5560 MHz	
5700 MHz	



802.11n HT40_ANT-0

5510 MHz



5550 MHz



802.11n HT40_ANT-0

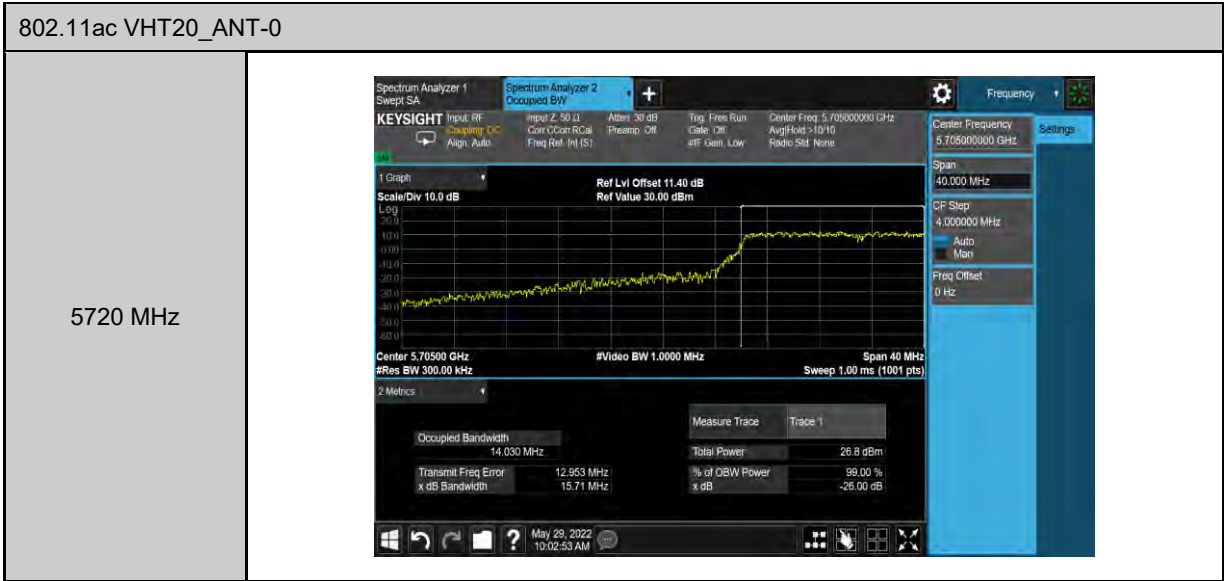
5670 MHz



5710 MHz



802.11ac VHT20_ANT-0	 5500 MHz
5560 MHz	 5560 MHz
5700 MHz	 5700 MHz



802.11ac VHT40_ANT-0

5510 MHz



5550 MHz



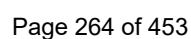
802.11ac VHT40_ANT-0

5670 MHz

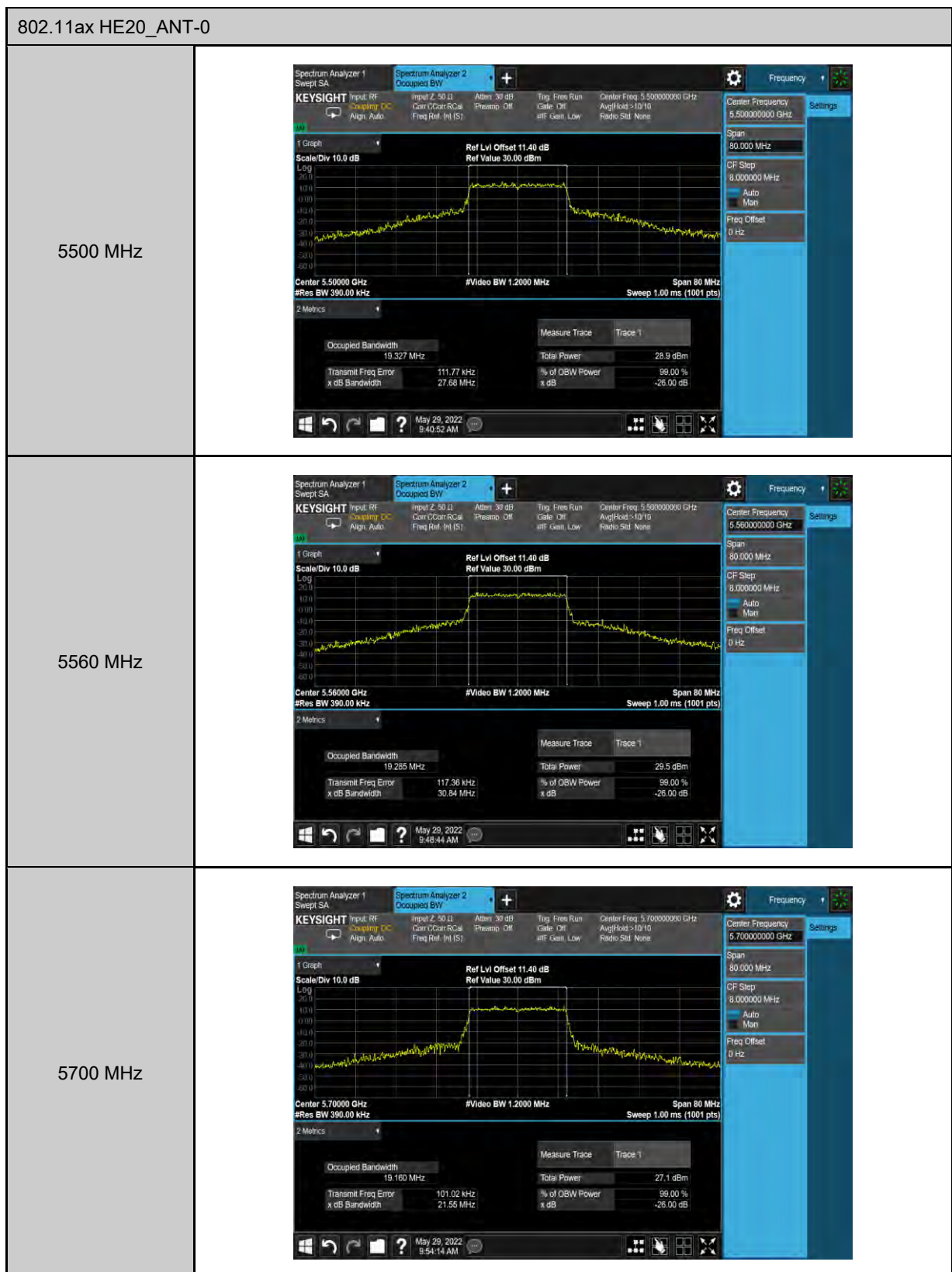


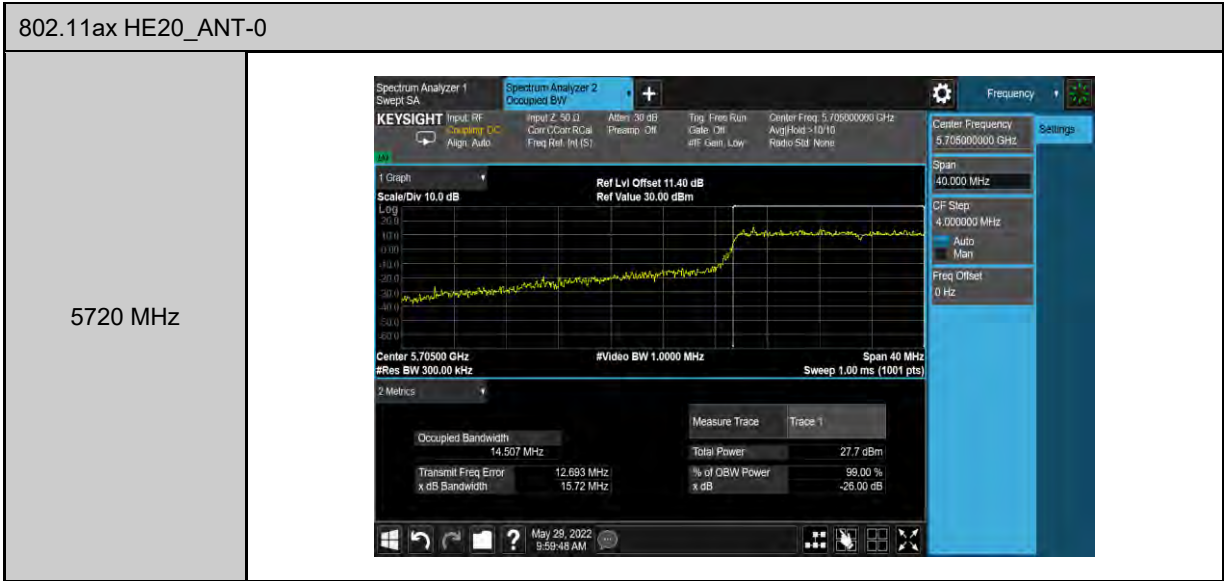
5710 MHz





802.11ac VHT80_ANT-0 5610 MHz	 Keysight Spectrum Analyzer 2 screenshot showing the spectrum at 5610 MHz. The display includes a graph with a yellow trace, a scale of 10.0 dB, and a center frequency of 5.6100 GHz. The graph shows a signal with a peak at approximately 5610 MHz. The right-hand panel displays various settings including Span (240.00 MHz), CF Step (24.000000 MHz), and Freq Offset (0 Hz). The bottom panel shows measurement results for Occupied Bandwidth (76.272 MHz), Total Power (28.2 dBm), and other metrics.
5690 MHz	 Keysight Spectrum Analyzer 2 screenshot showing the spectrum at 5690 MHz. The display includes a graph with a yellow trace, a scale of 10.0 dB, and a center frequency of 5.6450 GHz. The graph shows a signal with a peak at approximately 5690 MHz. The right-hand panel displays various settings including Res BW (1.0000 MHz), Video BW (5.0000 MHz), and RBW Filter Type (Gaussian). The bottom panel shows measurement results for Occupied Bandwidth (72.880 MHz), Total Power (30.9 dBm), and other metrics.





802.11ax HE40_ANT-0 5510 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The main display shows a signal trace with a peak at 5510 MHz. The scale is 10.0 dB. The center frequency is 5.51000 GHz. The video bandwidth is 2.4000 MHz. The span is 120 MHz. The resolution bandwidth is 750.00 kHz. The sweep is 1.00 ms (1001 pts). The occupied bandwidth is 37.653 MHz. The total power is 24.6 dBm. The transmit frequency error is 145.68 kHz. The x dB bandwidth is 40.45 MHz. The reference level offset is 11.40 dB. The reference value is 30.00 dBm. The RBW filter type is Gaussian.
5550 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The main display shows a signal trace with a peak at 5550 MHz. The scale is 10.0 dB. The center frequency is 5.55000 GHz. The video bandwidth is 2.4000 MHz. The span is 120 MHz. The resolution bandwidth is 750.00 kHz. The sweep is 1.00 ms (1001 pts). The occupied bandwidth is 38.319 MHz. The total power is 30.9 dBm. The transmit frequency error is 186.84 kHz. The x dB bandwidth is 70.31 MHz. The reference level offset is 11.40 dB. The reference value is 30.00 dBm. The RBW filter type is Gaussian.

802.11ax HE40_ANT-0	 5670 MHz
5710 MHz	 5710 MHz

802.11ax HE80_ANT-0	
5530 MHz	 Center Frequency: 5.53000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz Auto Mani Freq Offset: 0 Hz Center: 5.5300 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 240 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 77.268 MHz Total Power: 27.4 dBm Transmit Freq Error: 235.30 kHz % of OBW Power: 98.00 % x dB Bandwidth: 81.81 MHz x dB: -25.00 dB
5610 MHz	 Center Frequency: 5.61000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz Auto Mani Freq Offset: 0 Hz Center: 5.6100 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 240 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 77.507 MHz Total Power: 29.4 dBm Transmit Freq Error: 174.97 kHz % of OBW Power: 98.00 % x dB Bandwidth: 81.53 MHz x dB: -25.00 dB
5690 MHz	 Center Frequency: 5.64500000 GHz Res BW: 1.5000 MHz Auto Mani Video BW: 5.0000 MHz Auto Mani RBW Filter Type: Gaussian Center: 5.6450 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 73.300 MHz Total Power: 31.2 dBm Transmit Freq Error: 42.863 MHz % of OBW Power: 98.00 % x dB Bandwidth: 87.76 MHz x dB: -25.00 dB

High Band B2C & B3 2X2

802.11a_ANT-0

5500 MHz

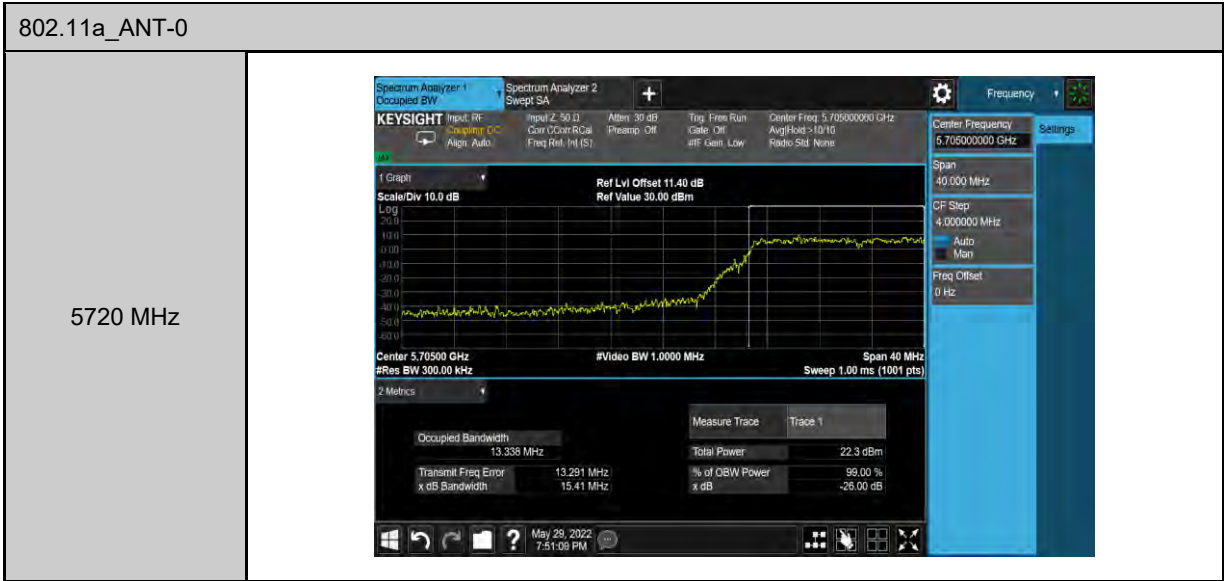


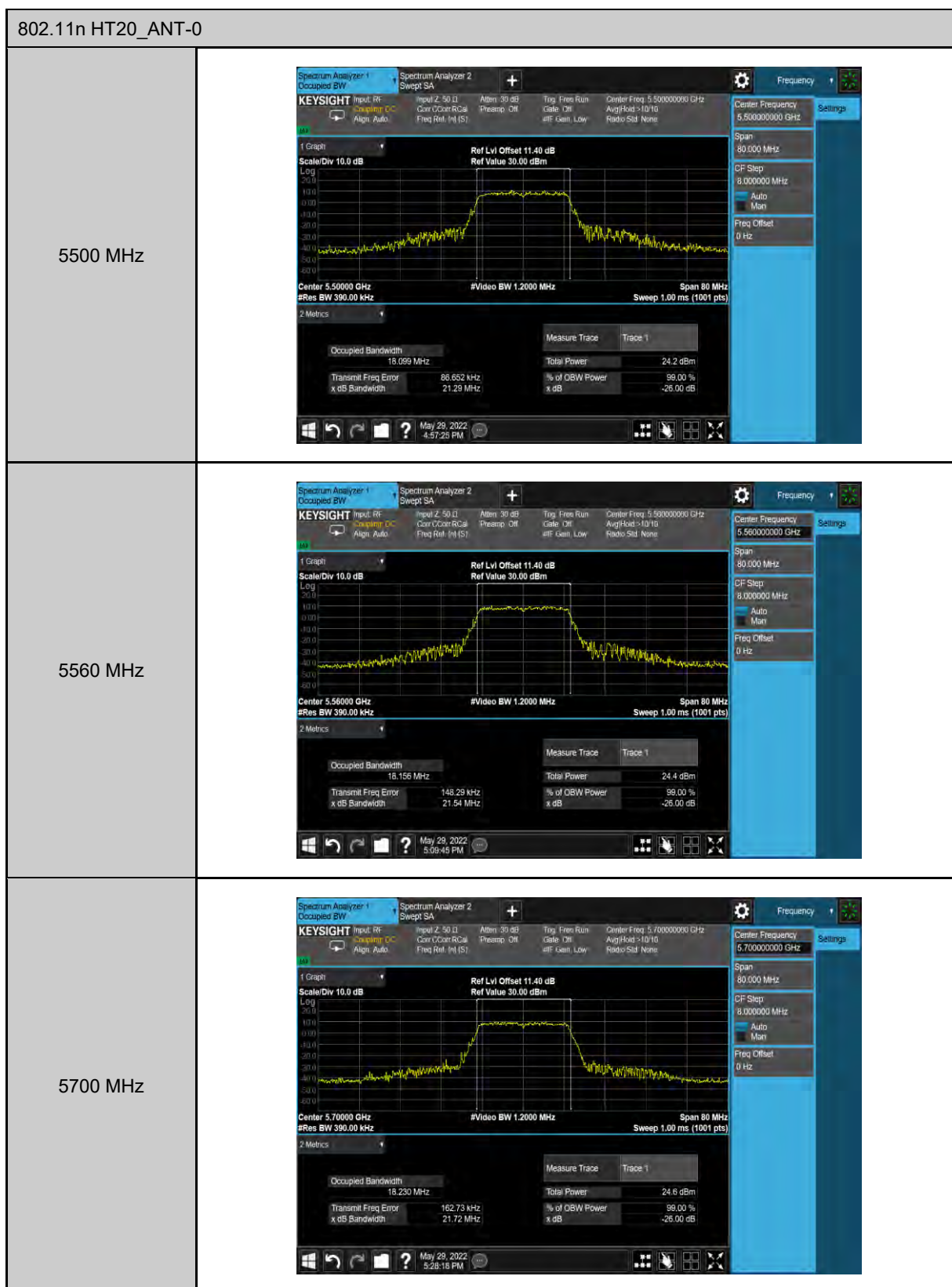
5560 MHz

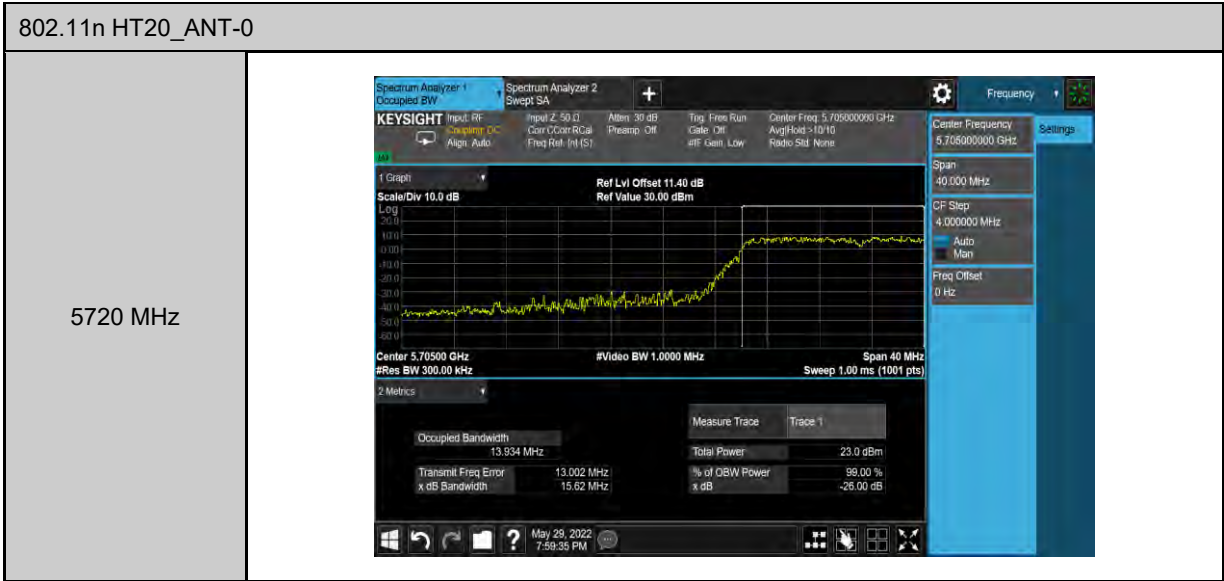


5700 MHz



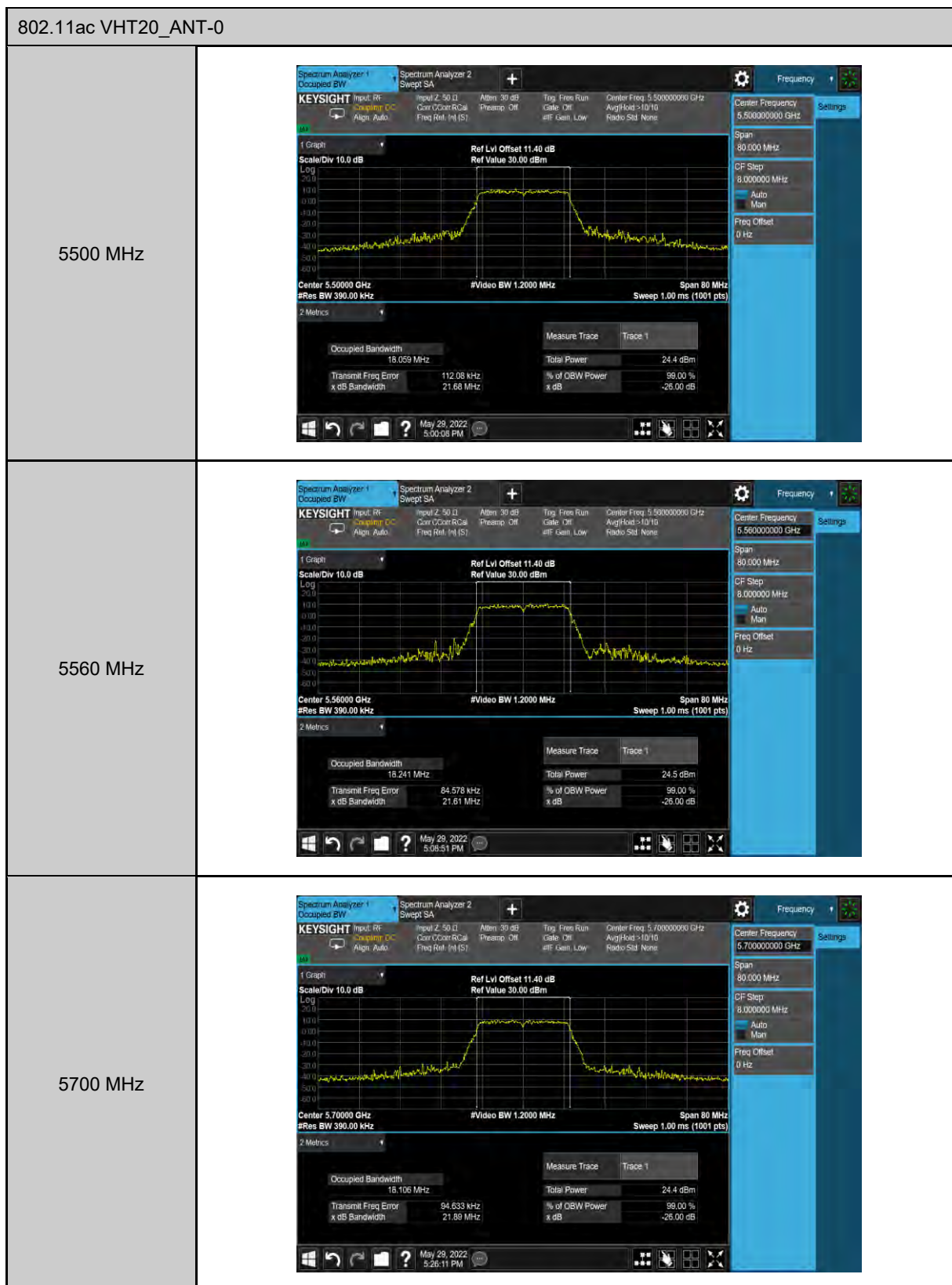


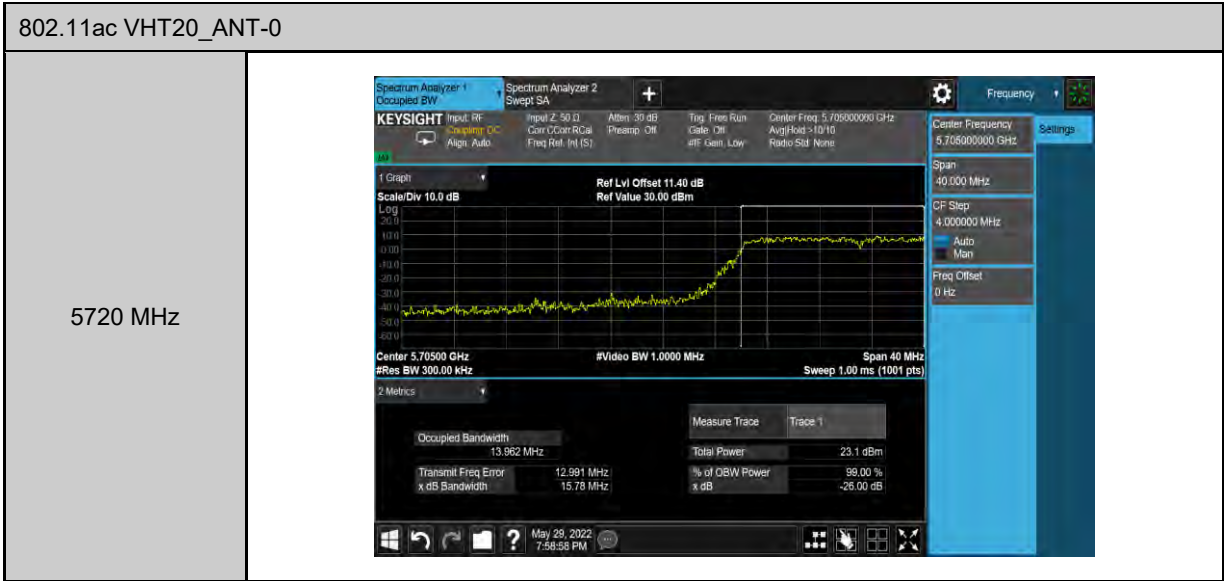




802.11n HT40_ANT-0	
5510 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.51000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.51000 GHz #Res BW: 750.00 kHz #Video BW: 2.4000 MHz Span: 120 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 36.324 MHz Transmit Freq Error: 169.68 kHz % dB Bandwidth: 40.18 MHz Total Power: 23.1 dBm % of OBW Power: 98.00 % % dB: -26.00 dB May 29, 2022 7:34:08 PM
5550 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.55000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.55000 GHz #Res BW: 750.00 kHz #Video BW: 2.4000 MHz Span: 120 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 36.523 MHz Transmit Freq Error: 115.78 kHz % dB Bandwidth: 47.65 MHz Total Power: 26.9 dBm % of OBW Power: 98.00 % % dB: -26.00 dB May 29, 2022 8:26:38 PM

802.11n HT40_ANT-0 5670 MHz	 Center Frequency: 5.6700000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Auto Man Freq Offset: 0 Hz Center: 5.67000 GHz #Res BW 750.00 kHz #Video BW 2.4000 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 36.427 MHz Transmit Freq Error: 171.31 kHz x dB Bandwidth: 39.85 MHz Total Power: 25.7 dBm % of OBW Power: 99.00 % x dB: -26.00 dB
5710 MHz	 Center Frequency: 5.6850000 GHz Span: 80.00 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Center: 5.68500 GHz #Res BW 620.00 kHz #Video BW 2.0000 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 33.022 MHz Transmit Freq Error: 23.366 MHz x dB Bandwidth: 41.76 MHz Total Power: 26.7 dBm % of OBW Power: 99.00 % x dB: -26.00 dB





802.11ac VHT40_ANT-0

5510 MHz



5550 MHz



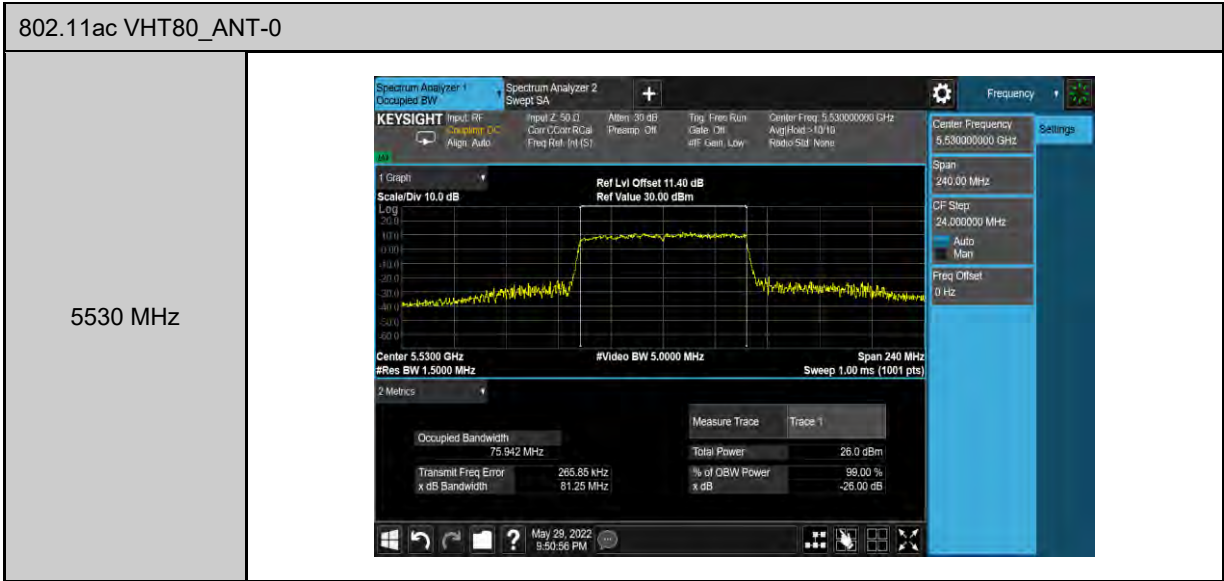
802.11ac VHT40_ANT-0

5670 MHz



5710 MHz



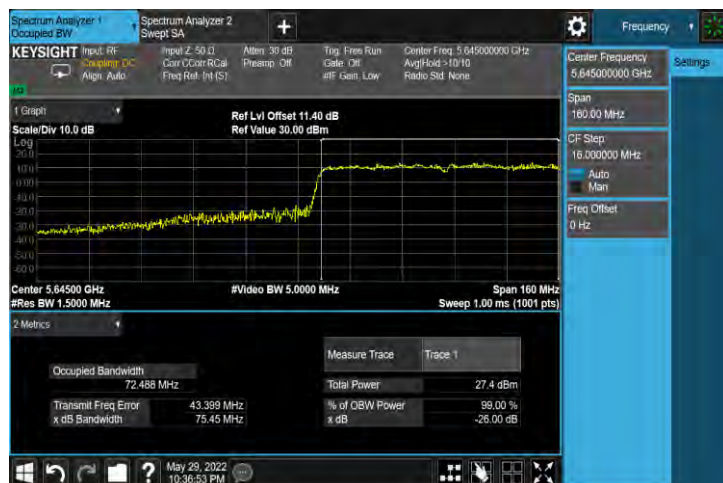


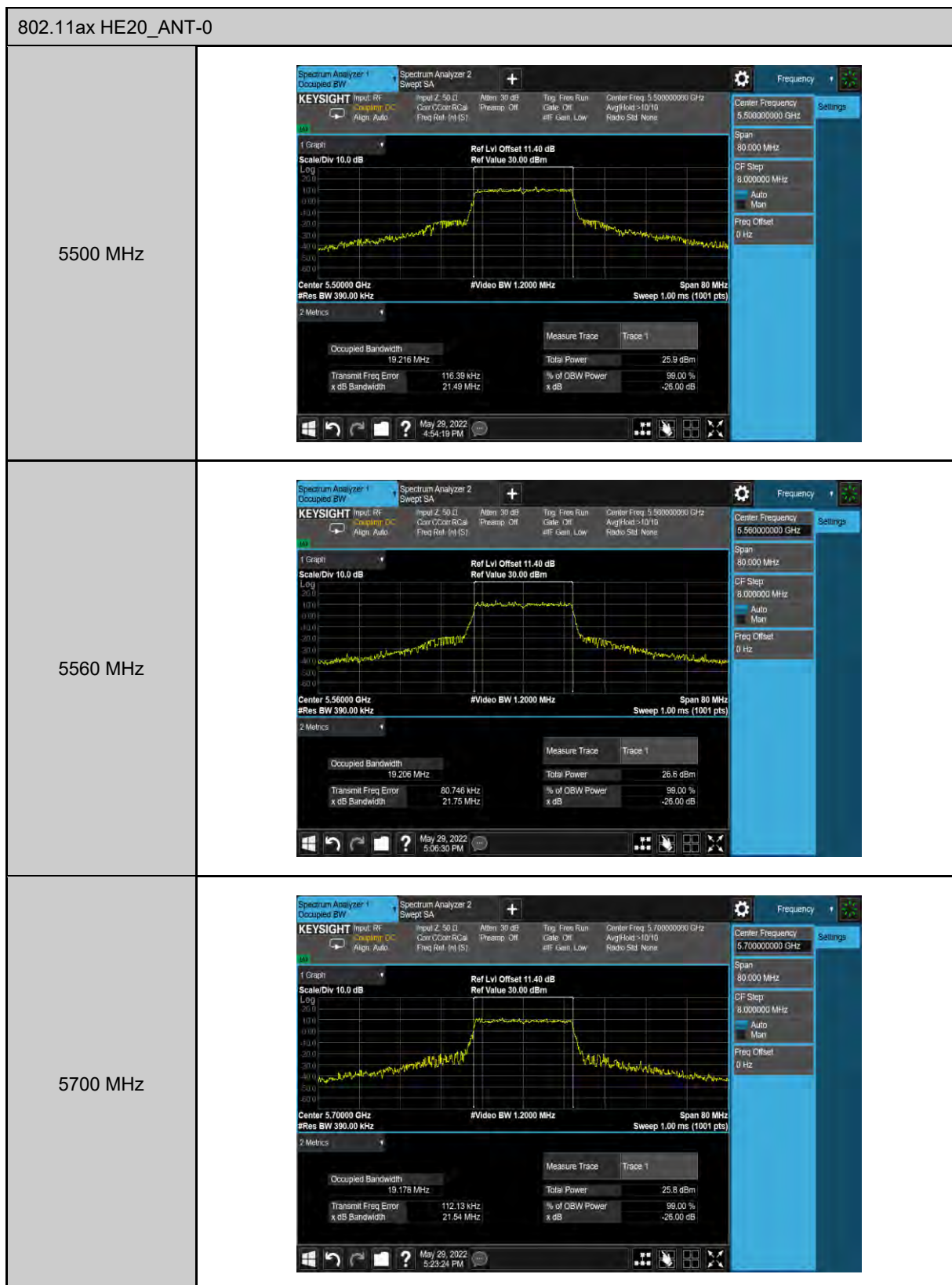
802.11ac VHT80_ANT-0

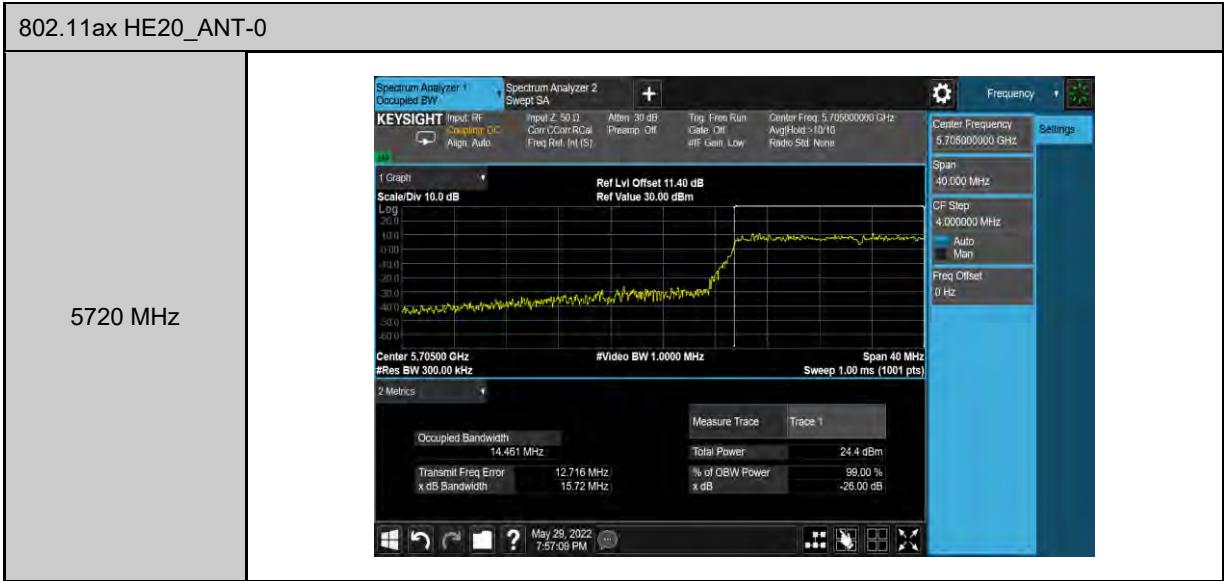
5610 MHz



5690 MHz







802.11ax HE40_ANT-0

5510 MHz



5550 MHz



802.11ax HE40_ANT-0

5670 MHz

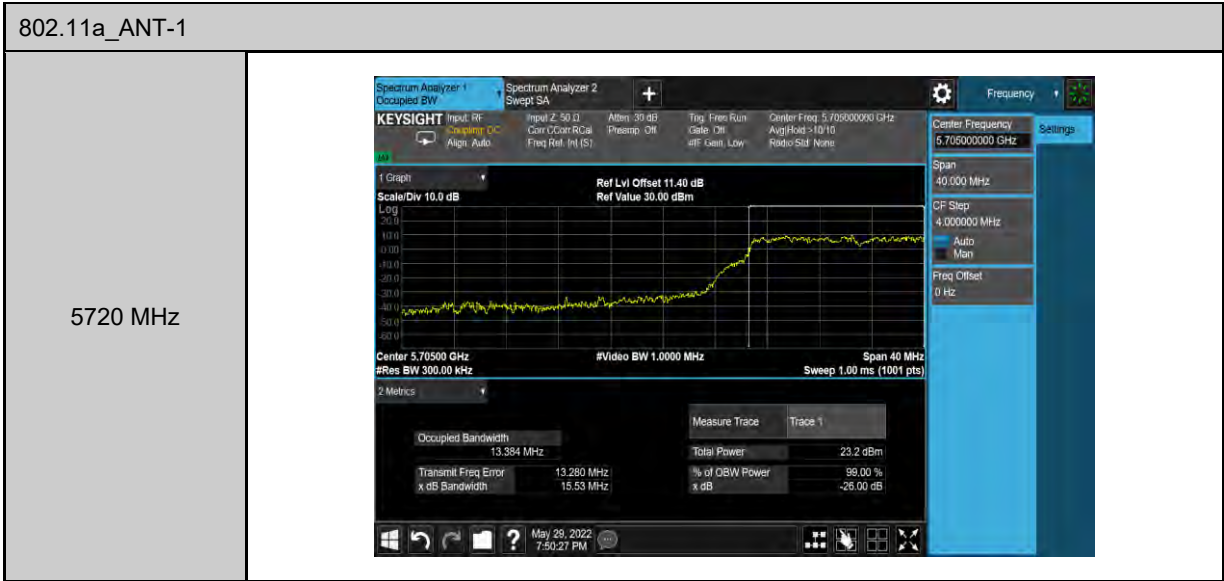


5710 MHz

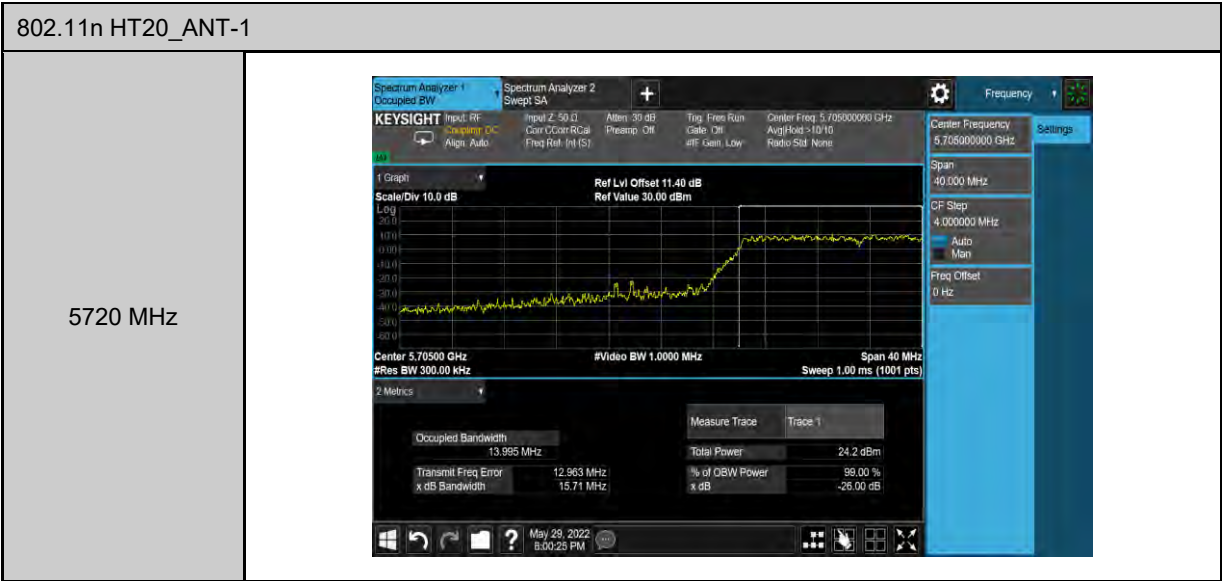


802.11ax HE80_ANT-0	
5530 MHz	 Center Frequency: 5.53000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz FREQ Offset: 0 Hz Center: 5.5300 GHz #Res BW: 1.5000 MHz #Video BW: 5.0000 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 77.237 MHz Total Power: 26.5 dBm Transmit Freq Error: 148.45 kHz % of OBW Power: 98.00 % x dB Bandwidth: 81.77 MHz x dB: -25.00 dB
5610 MHz	 Center Frequency: 5.61000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz FREQ Offset: 0 Hz Center: 5.6100 GHz #Res BW: 1.5000 MHz #Video BW: 5.0000 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 77.482 MHz Total Power: 30.1 dBm Transmit Freq Error: 228.72 kHz % of OBW Power: 98.00 % x dB Bandwidth: 100.1 MHz x dB: -25.00 dB
5690 MHz	 Center Frequency: 5.64500000 GHz Span: 160.00 MHz CF Step: 16.000000 MHz FREQ Offset: 0 Hz Center: 5.6450 GHz #Res BW: 1.5000 MHz #Video BW: 5.0000 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 72.917 MHz Total Power: 28.1 dBm Transmit Freq Error: 43.045 MHz % of OBW Power: 98.00 % x dB Bandwidth: 75.81 MHz x dB: -25.00 dB

802.11a_ANT-1	
5500 MHz	 Center 5.50000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.835 MHz Total Power: 23.4 dBm Transmit Freq Error: 69.087 kHz % of OBW Power: 98.00 %
5560 MHz	 Center 5.56000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.918 MHz Total Power: 23.6 dBm Transmit Freq Error: 42.057 kHz % of OBW Power: 98.00 %
5700 MHz	 Center 5.70000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.948 MHz Total Power: 24.6 dBm Transmit Freq Error: 28.655 kHz % of OBW Power: 98.00 %



802.11n HT20_ANT-1	
5500 MHz	 Center Frequency: 5.50000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.058 MHz Total Power: 24.1 dBm Transmit Freq Error: 167.15 kHz % of OSW Power: 98.00 %
5560 MHz	 Center Frequency: 5.56000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.072 MHz Total Power: 25.0 dBm Transmit Freq Error: 105.68 kHz % of OSW Power: 98.00 %
5700 MHz	 Center Frequency: 5.70000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.113 MHz Total Power: 24.9 dBm Transmit Freq Error: 99.906 kHz % of OSW Power: 98.00 %

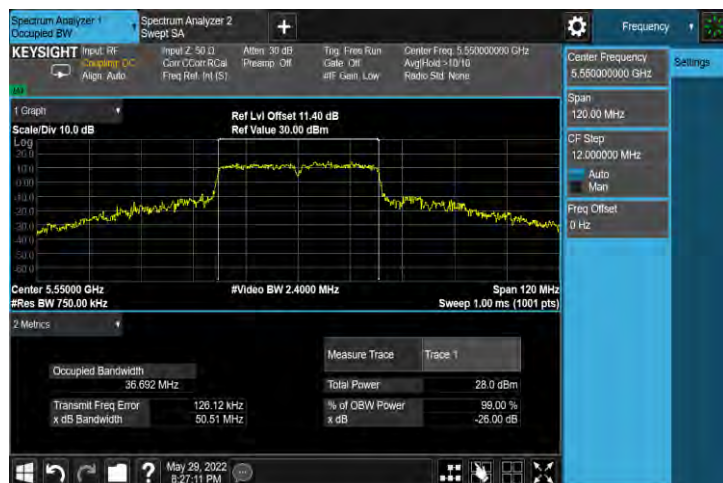


802.11n HT40_ANT-1

5510 MHz

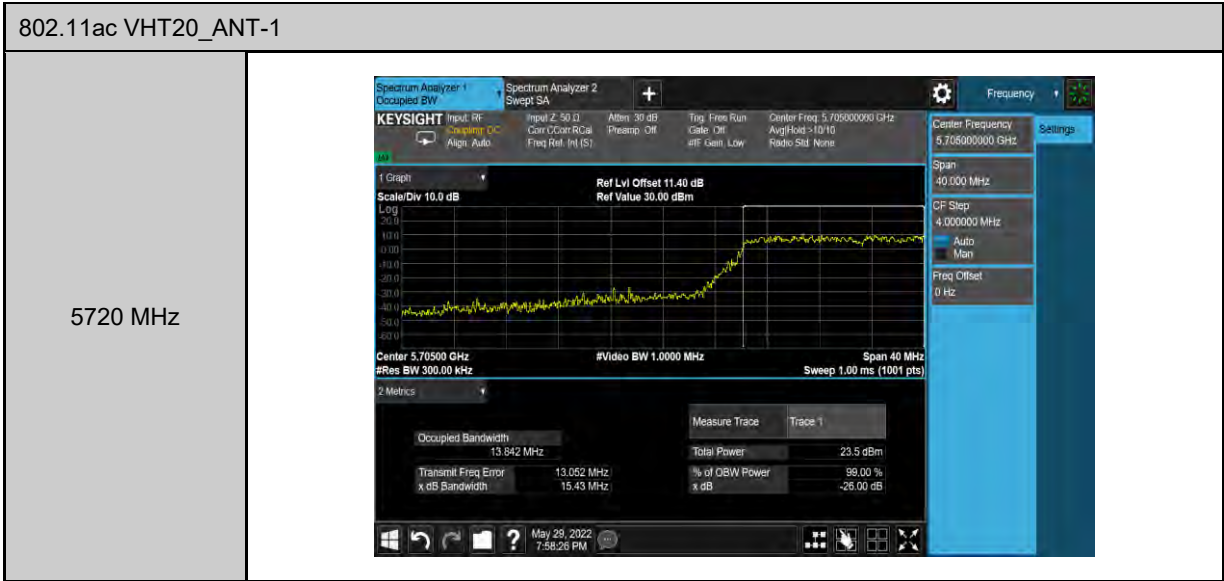


5550 MHz



802.11n HT40_ANT-1	
5670 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.6700000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.67000 GHz #Res BW: 750.00 kHz #Video BW: 2.4000 MHz Span: 120 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 36.411 MHz Total Power: 26.0 dBm Transmit Freq Error: 37.060 MHz % of OBW Power: 98.00 % % dB Bandwidth: 39.71 MHz % dB: -26.00 dB May 29, 2022 8:36:12 PM
5710 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.6850000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.68500 GHz #Res BW: 620.00 kHz #Video BW: 2.0000 MHz Span: 80 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 33.034 MHz Total Power: 27.4 dBm Transmit Freq Error: 23.321 MHz % of OBW Power: 98.00 % % dB Bandwidth: 34.75 MHz % dB: -26.00 dB May 29, 2022 8:01:56 PM

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802.11ac VHT40_ANT-1

5510 MHz



5550 MHz



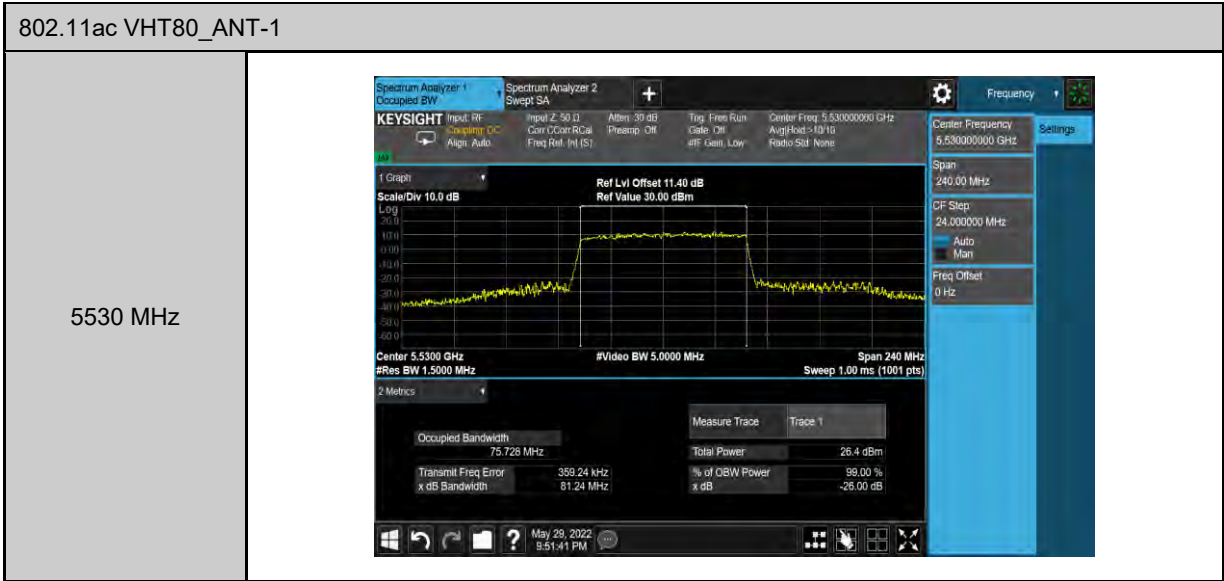
802.11ac VHT40_ANT-1

5670 MHz



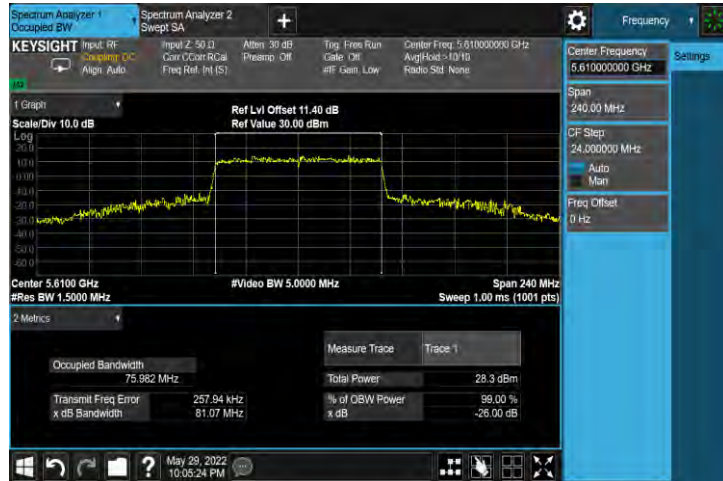
5710 MHz



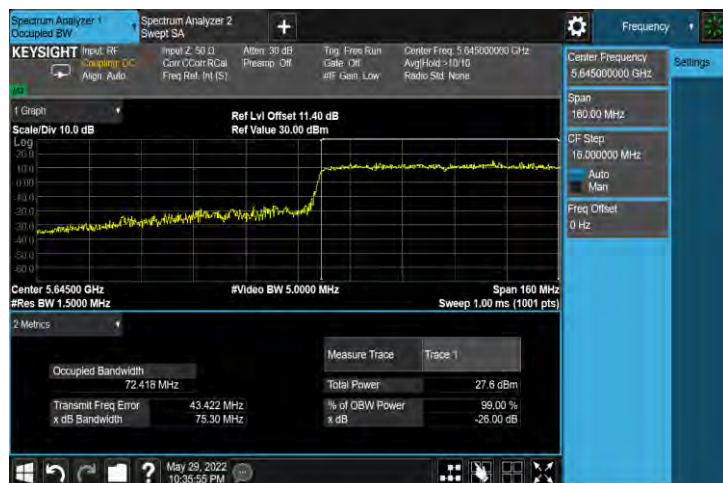


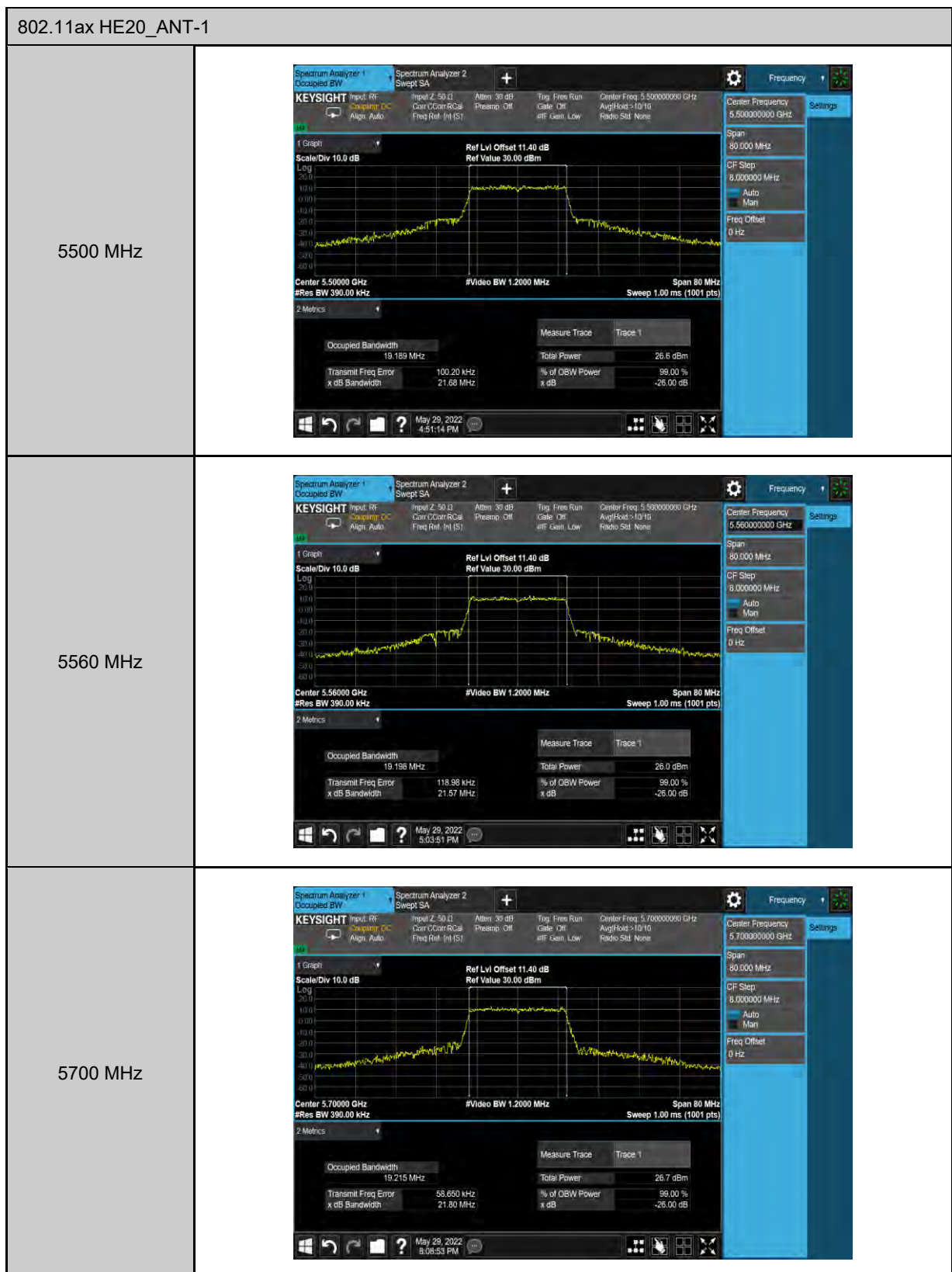
802.11ac VHT80_ANT-1

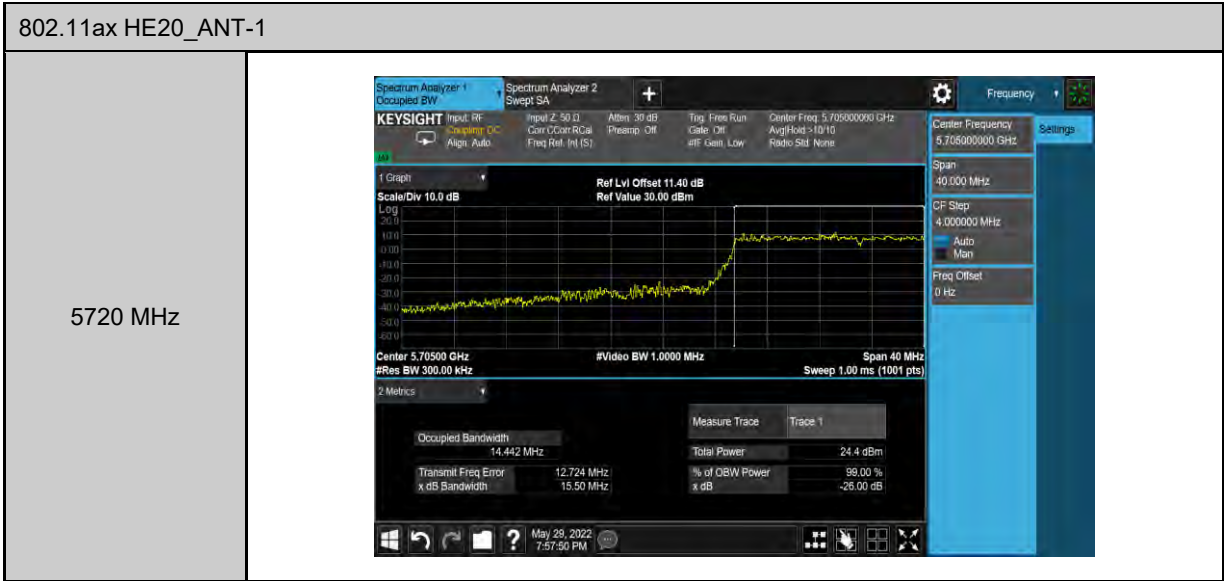
5610 MHz



5690 MHz







802.11ax HE40_ANT-1	
5510 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.51000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.51000 GHz #Res BW: 750.00 kHz #Video BW: 2.4000 MHz Span: 120 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 37.678 MHz Transmit Freq Error: 145.28 kHz % of OBW Power: 98.00 % % of OBW Power: -26.00 dB May 29, 2022 7:22:57 PM
5550 MHz	 Keysight Spectrum Analyzer 1 Occupied BW Center Frequency: 5.55000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.40 dB Ref Value: 30.00 dBm Center: 5.55000 GHz #Res BW: 750.00 kHz #Video BW: 2.4000 MHz Span: 120 MHz Sweep: 1.00 ms (1001 pts) Occupied Bandwidth: 37.860 MHz Transmit Freq Error: 117.48 kHz % of OBW Power: 98.00 % % of OBW Power: -26.00 dB May 29, 2022 8:24:40 PM

802.11ax HE40_ANT-1

5670 MHz



5710 MHz



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