

Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	 Center 5.18000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.794 MHz Total Power: 25.3 dBm Transmit Freq Error: 37.415 kHz % of OBW Power: 99.00 % x dB Bandwidth: 30.48 MHz x dB: -26.00 dB
5200 MHz	 Center 5.20000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.778 MHz Total Power: 24.9 dBm Transmit Freq Error: 8.655 kHz % of OBW Power: 99.00 % x dB Bandwidth: 30.22 MHz x dB: -26.00 dB
5240 MHz	 Center 5.24000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) Occupied Bandwidth: 16.738 MHz Total Power: 24.7 dBm Transmit Freq Error: 17.080 kHz % of OBW Power: 99.00 % x dB Bandwidth: 30.86 MHz x dB: -26.00 dB

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0													
5260 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.26000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.26000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.718 MHz</td><td>Total Power</td><td>24.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>17.358 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>22.18 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:27:56 PM	Occupied Bandwidth	17.718 MHz	Total Power	24.3 dBm	Transmit Freq Error	17.358 kHz	% of OBW Power	99.00 %	x dB Bandwidth	22.18 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.718 MHz	Total Power	24.3 dBm										
Transmit Freq Error	17.358 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	22.18 MHz	x dB	-26.00 dB										
5280 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.28000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.28000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.713 MHz</td><td>Total Power</td><td>23.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>2.250 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.56 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:29:28 AM	Occupied Bandwidth	17.713 MHz	Total Power	23.3 dBm	Transmit Freq Error	2.250 kHz	% of OBW Power	99.00 %	x dB Bandwidth	20.56 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.713 MHz	Total Power	23.3 dBm										
Transmit Freq Error	2.250 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	20.56 MHz	x dB	-26.00 dB										
5320 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.32000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.32000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.731 MHz</td><td>Total Power</td><td>24.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>13.659 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>25.59 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:30:15 PM	Occupied Bandwidth	17.731 MHz	Total Power	24.1 dBm	Transmit Freq Error	13.659 kHz	% of OBW Power	99.00 %	x dB Bandwidth	25.59 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.731 MHz	Total Power	24.1 dBm										
Transmit Freq Error	13.659 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	25.59 MHz	x dB	-26.00 dB										

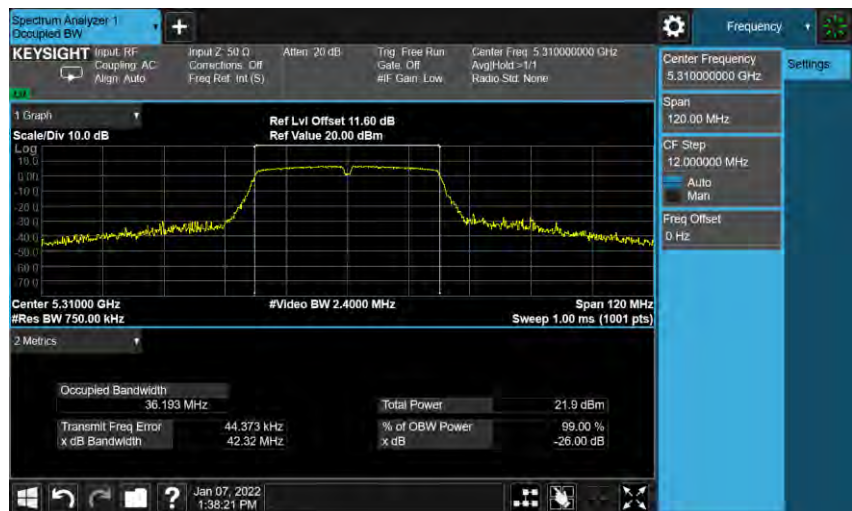
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0													
5500 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.50000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.50000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.646 MHz</td><td>Total Power</td><td>23.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>23.226 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.83 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:31:59 PM	Occupied Bandwidth	17.646 MHz	Total Power	23.2 dBm	Transmit Freq Error	23.226 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.83 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.646 MHz	Total Power	23.2 dBm										
Transmit Freq Error	23.226 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.83 MHz	x dB	-26.00 dB										
5560 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.56000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.56000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.665 MHz</td><td>Total Power</td><td>23.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>1.815 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.80 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:31:43 AM	Occupied Bandwidth	17.665 MHz	Total Power	23.3 dBm	Transmit Freq Error	1.815 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.80 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.665 MHz	Total Power	23.3 dBm										
Transmit Freq Error	1.815 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.80 MHz	x dB	-26.00 dB										
5700 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.70000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.70000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.647 MHz</td><td>Total Power</td><td>23.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-979 Hz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.80 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:34:39 PM	Occupied Bandwidth	17.647 MHz	Total Power	23.3 dBm	Transmit Freq Error	-979 Hz	% of OBW Power	99.00 %	x dB Bandwidth	19.80 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.647 MHz	Total Power	23.3 dBm										
Transmit Freq Error	-979 Hz	% of OBW Power	99.00 %										
x dB Bandwidth	19.80 MHz	x dB	-26.00 dB										

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-0

5270 MHz



5310 MHz

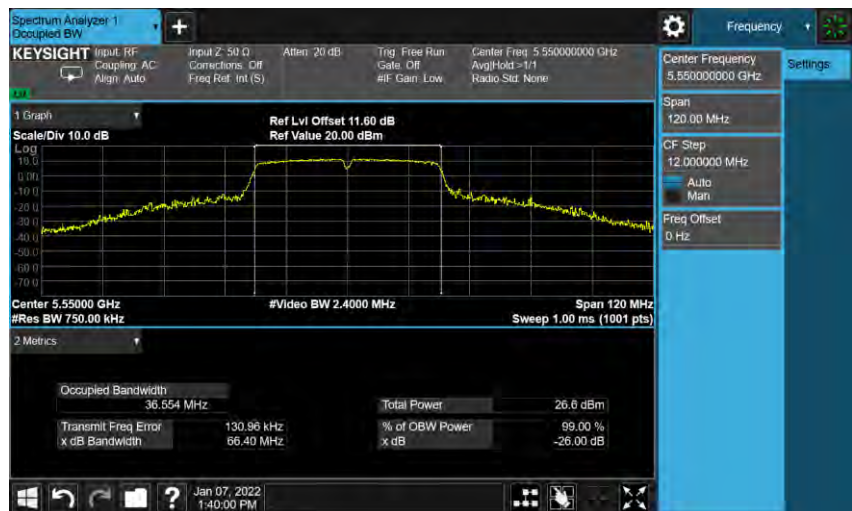


Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-0

5510 MHz



5550 MHz



5670 MHz



Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0													
5260 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.26000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.26000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.772 MHz</td><td>Total Power</td><td>24.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>26.103 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.53 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:27:38 PM	Occupied Bandwidth	17.772 MHz	Total Power	24.7 dBm	Transmit Freq Error	26.103 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.53 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.772 MHz	Total Power	24.7 dBm										
Transmit Freq Error	26.103 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.53 MHz	x dB	-26.00 dB										
5280 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.28000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.28000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.814 MHz</td><td>Total Power</td><td>24.8 dBm</td></tr><tr><td>Transmit Freq Error</td><td>35.650 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.18 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:28:23 AM	Occupied Bandwidth	17.814 MHz	Total Power	24.8 dBm	Transmit Freq Error	35.650 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.18 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.814 MHz	Total Power	24.8 dBm										
Transmit Freq Error	35.650 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.18 MHz	x dB	-26.00 dB										
5320 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #IF: Gain Low, Center Freq: 5.32000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.32000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.792 MHz</td><td>Total Power</td><td>24.8 dBm</td></tr><tr><td>Transmit Freq Error</td><td>23.111 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.63 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 1:30:02 PM	Occupied Bandwidth	17.792 MHz	Total Power	24.8 dBm	Transmit Freq Error	23.111 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.63 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.792 MHz	Total Power	24.8 dBm										
Transmit Freq Error	23.111 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.63 MHz	x dB	-26.00 dB										

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5500 MHz	 Center Frequency: 5.50000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.663 MHz Total Power: 22.8 dBm Transmit Freq Error: 3.925 kHz % of OBW Power: 99.00 % x dB Bandwidth: 19.81 MHz x dB: -26.00 dB Jan 07, 2022 1:32:14 PM
5560 MHz	 Center Frequency: 5.56000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.664 MHz Total Power: 24.0 dBm Transmit Freq Error: 4.649 kHz % of OBW Power: 99.00 % x dB Bandwidth: 19.90 MHz x dB: -26.00 dB Jan 07, 2022 10:31:20 AM
5700 MHz	 Center Frequency: 5.70000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 17.650 MHz Total Power: 23.7 dBm Transmit Freq Error: 5.496 kHz % of OBW Power: 99.00 % x dB Bandwidth: 19.77 MHz x dB: -26.00 dB Jan 07, 2022 1:34:55 PM

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

5190 MHz



5230 MHz

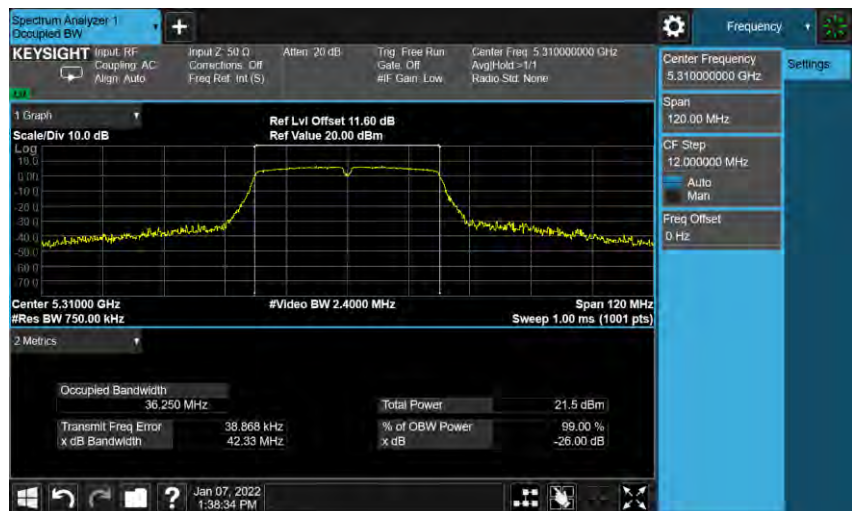


Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

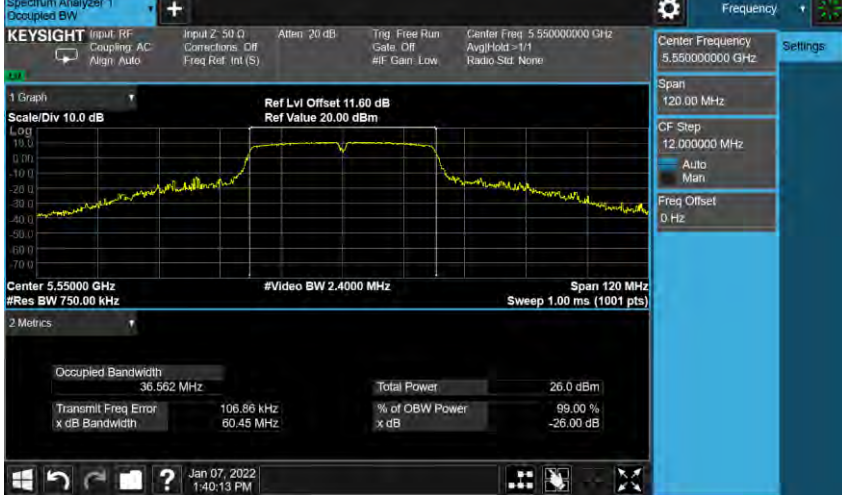
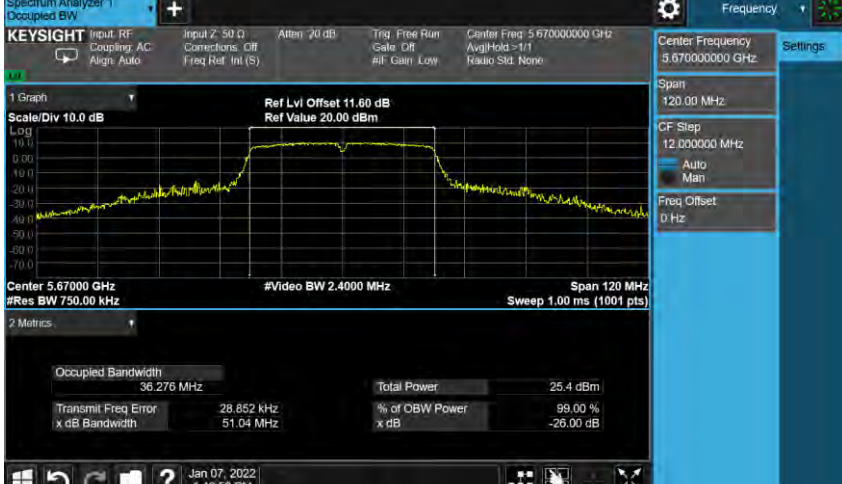
5270 MHz



5310 MHz



Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

5510 MHz	 Center Frequency: 5.51000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 36.183 MHz Total Power: 21.4 dBm Transmit Freq Error: 81.812 kHz % of OBW Power: 99.00 % x dB Bandwidth: 42.01 MHz x dB: -26.00 dB
5550 MHz	 Center Frequency: 5.55000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 36.562 MHz Total Power: 26.0 dBm Transmit Freq Error: 106.66 kHz % of OBW Power: 99.00 % x dB Bandwidth: 60.45 MHz x dB: -26.00 dB
5670 MHz	 Center Frequency: 5.67000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 36.276 MHz Total Power: 25.4 dBm Transmit Freq Error: 28.852 kHz % of OBW Power: 99.00 % x dB Bandwidth: 51.04 MHz x dB: -26.00 dB

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

5210 MHz	 Center 5.2100 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 240 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>74.544 MHz</td><td>Total Power</td><td>22.5 dBm</td></tr><tr><td>Transmit Freq Error</td><td>250.44 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>81.51 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	74.544 MHz	Total Power	22.5 dBm	Transmit Freq Error	250.44 kHz	% of OBW Power	99.00 %	x dB Bandwidth	81.51 MHz	x dB	-26.00 dB
Occupied Bandwidth	74.544 MHz	Total Power	22.5 dBm										
Transmit Freq Error	250.44 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	81.51 MHz	x dB	-26.00 dB										
5290 MHz	 Center 5.2900 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 240 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>74.584 MHz</td><td>Total Power</td><td>22.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>57.893 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>81.32 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	74.584 MHz	Total Power	22.1 dBm	Transmit Freq Error	57.893 kHz	% of OBW Power	99.00 %	x dB Bandwidth	81.32 MHz	x dB	-26.00 dB
Occupied Bandwidth	74.584 MHz	Total Power	22.1 dBm										
Transmit Freq Error	57.893 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	81.32 MHz	x dB	-26.00 dB										
5530 MHz	 Center 5.5300 GHz #Res BW 1.5000 MHz #Video BW 5.0000 MHz Span 240 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>74.675 MHz</td><td>Total Power</td><td>21.8 dBm</td></tr><tr><td>Transmit Freq Error</td><td>94.385 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>81.34 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	74.675 MHz	Total Power	21.8 dBm	Transmit Freq Error	94.385 kHz	% of OBW Power	99.00 %	x dB Bandwidth	81.34 MHz	x dB	-26.00 dB
Occupied Bandwidth	74.675 MHz	Total Power	21.8 dBm										
Transmit Freq Error	94.385 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	81.34 MHz	x dB	-26.00 dB										

Mode 2: IEEE 802.11a Continuous TX mode_ANT-1													
5180 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.18000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.18000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.642 MHz</td><td>Total Power</td><td>25.6 dBm</td></tr><tr><td>Transmit Freq Error</td><td>32.957 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>25.92 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:09:29 PM	Occupied Bandwidth	16.642 MHz	Total Power	25.6 dBm	Transmit Freq Error	32.957 kHz	% of OBW Power	99.00 %	x dB Bandwidth	25.92 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.642 MHz	Total Power	25.6 dBm										
Transmit Freq Error	32.957 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	25.92 MHz	x dB	-26.00 dB										
5200 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.20000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.20000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.626 MHz</td><td>Total Power</td><td>25.5 dBm</td></tr><tr><td>Transmit Freq Error</td><td>23.649 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.12 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:10:03 PM	Occupied Bandwidth	16.626 MHz	Total Power	25.5 dBm	Transmit Freq Error	23.649 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.12 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.626 MHz	Total Power	25.5 dBm										
Transmit Freq Error	23.649 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.12 MHz	x dB	-26.00 dB										
5240 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.24000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.24000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.618 MHz</td><td>Total Power</td><td>25.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>25.913 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.11 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:10:34 PM	Occupied Bandwidth	16.618 MHz	Total Power	25.7 dBm	Transmit Freq Error	25.913 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.11 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.618 MHz	Total Power	25.7 dBm										
Transmit Freq Error	25.913 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.11 MHz	x dB	-26.00 dB										

Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5260 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The center frequency is 5.260000 GHz. The span is 80.000 MHz. The scale/div is 10.0 dB. The graph shows a signal with a peak at 20.00 dBm. The metrics section displays: Occupied Bandwidth: 16.658 MHz, Total Power: 25.5 dBm, Transmit Freq Error: 10.211 kHz, x dB Bandwidth: 28.85 MHz, % of OBW Power: 99.00 %, and x dB: -26.00 dB.
5280 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The center frequency is 5.280000 GHz. The span is 80.000 MHz. The scale/div is 10.0 dB. The graph shows a signal with a peak at 20.00 dBm. The metrics section displays: Occupied Bandwidth: 16.725 MHz, Total Power: 24.8 dBm, Transmit Freq Error: 1.420 kHz, x dB Bandwidth: 30.91 MHz, % of OBW Power: 99.00 %, and x dB: -26.00 dB.
5320 MHz	 The screenshot shows a Keysight Spectrum Analyzer interface. The center frequency is 5.320000 GHz. The span is 80.000 MHz. The scale/div is 10.0 dB. The graph shows a signal with a peak at 20.00 dBm. The metrics section displays: Occupied Bandwidth: 16.639 MHz, Total Power: 25.8 dBm, Transmit Freq Error: 26.865 kHz, x dB Bandwidth: 27.49 MHz, % of OBW Power: 99.00 %, and x dB: -26.00 dB.

Mode 2: IEEE 802.11a Continuous TX mode_ANT-1													
5500 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.50000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.50000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.615 MHz</td><td>Total Power</td><td>25.5 dBm</td></tr><tr><td>Transmit Freq Error</td><td>17.896 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>26.20 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:15:26 PM	Occupied Bandwidth	16.615 MHz	Total Power	25.5 dBm	Transmit Freq Error	17.896 kHz	% of OBW Power	99.00 %	x dB Bandwidth	26.20 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.615 MHz	Total Power	25.5 dBm										
Transmit Freq Error	17.896 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	26.20 MHz	x dB	-26.00 dB										
5560 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.56000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.56000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.657 MHz</td><td>Total Power</td><td>27.0 dBm</td></tr><tr><td>Transmit Freq Error</td><td>15.314 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>25.74 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:15:59 PM	Occupied Bandwidth	16.657 MHz	Total Power	27.0 dBm	Transmit Freq Error	15.314 kHz	% of OBW Power	99.00 %	x dB Bandwidth	25.74 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.657 MHz	Total Power	27.0 dBm										
Transmit Freq Error	15.314 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	25.74 MHz	x dB	-26.00 dB										
5700 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.70000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.70000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>16.763 MHz</td><td>Total Power</td><td>27.8 dBm</td></tr><tr><td>Transmit Freq Error</td><td>30.355 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>28.16 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:16:33 PM	Occupied Bandwidth	16.763 MHz	Total Power	27.8 dBm	Transmit Freq Error	30.355 kHz	% of OBW Power	99.00 %	x dB Bandwidth	28.16 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.763 MHz	Total Power	27.8 dBm										
Transmit Freq Error	30.355 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	28.16 MHz	x dB	-26.00 dB										

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1													
5500 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.50000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.50000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.680 MHz</td><td>Total Power</td><td>24.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>11.525 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.83 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:49:02 PM	Occupied Bandwidth	17.680 MHz	Total Power	24.3 dBm	Transmit Freq Error	11.525 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.83 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.680 MHz	Total Power	24.3 dBm										
Transmit Freq Error	11.525 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.83 MHz	x dB	-26.00 dB										
5560 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.56000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.56000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.650 MHz</td><td>Total Power</td><td>23.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>-6.919 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.74 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:32:25 AM	Occupied Bandwidth	17.650 MHz	Total Power	23.2 dBm	Transmit Freq Error	-6.919 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.74 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.650 MHz	Total Power	23.2 dBm										
Transmit Freq Error	-6.919 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.74 MHz	x dB	-26.00 dB										
5700 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.70000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.70000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.697 MHz</td><td>Total Power</td><td>26.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>11.669 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.59 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:50:35 PM	Occupied Bandwidth	17.697 MHz	Total Power	26.1 dBm	Transmit Freq Error	11.669 kHz	% of OBW Power	99.00 %	x dB Bandwidth	20.59 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.697 MHz	Total Power	26.1 dBm										
Transmit Freq Error	11.669 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	20.59 MHz	x dB	-26.00 dB										

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

5270 MHz



5310 MHz

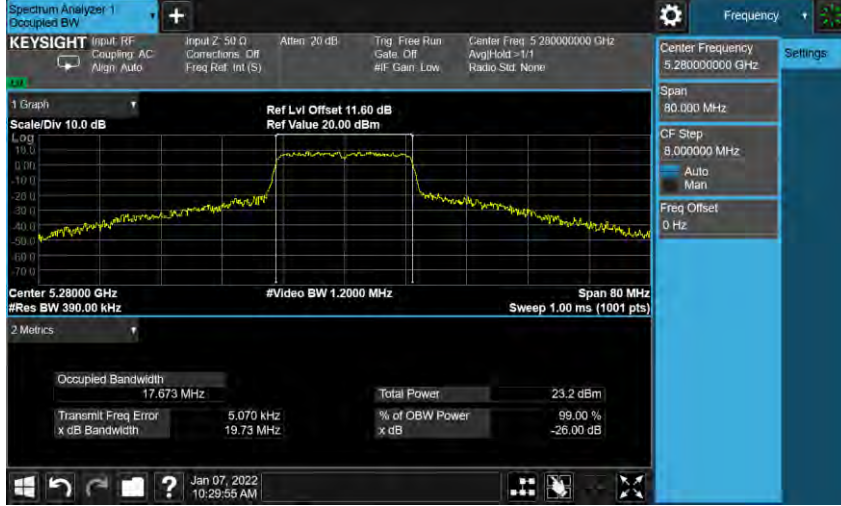


Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1	
5510 MHz	 Center Frequency: 5.51000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 36.242 MHz Total Power: 22.4 dBm Transmit Freq Error: 40.998 kHz % of OBW Power: 99.00 % x dB Bandwidth: 42.08 MHz x dB: -26.00 dB
5550 MHz	 Center Frequency: 5.55000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 37.113 MHz Total Power: 28.2 dBm Transmit Freq Error: 149.11 kHz % of OBW Power: 99.00 % x dB Bandwidth: 71.97 MHz x dB: -26.00 dB
5670 MHz	 Center Frequency: 5.67000000 GHz Span: 120.00 MHz CF Step: 12.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 36.676 MHz Total Power: 27.2 dBm Transmit Freq Error: 48.013 kHz % of OBW Power: 99.00 % x dB Bandwidth: 69.26 MHz x dB: -26.00 dB

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

5260 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Center Frequency: 5.26000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.60 dB Ref Value: 20.00 dBm Center: 5.26000 GHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Span: 80 MHz Sweep: 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>17.745 MHz</td><td>Total Power</td><td>24.9 dBm</td></tr><tr><td>Transmit Freq Error</td><td>28.624 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>22.32 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:24:39 PM	Occupied Bandwidth	17.745 MHz	Total Power	24.9 dBm	Transmit Freq Error	28.624 kHz	% of OBW Power	99.00 %	x dB Bandwidth	22.32 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.745 MHz	Total Power	24.9 dBm										
Transmit Freq Error	28.624 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	22.32 MHz	x dB	-26.00 dB										
5280 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Center Frequency: 5.28000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.60 dB Ref Value: 20.00 dBm Center: 5.28000 GHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Span: 80 MHz Sweep: 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>17.673 MHz</td><td>Total Power</td><td>23.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>5.070 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.73 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:29:55 AM	Occupied Bandwidth	17.673 MHz	Total Power	23.2 dBm	Transmit Freq Error	5.070 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.73 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.673 MHz	Total Power	23.2 dBm										
Transmit Freq Error	5.070 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.73 MHz	x dB	-26.00 dB										
5320 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Center Frequency: 5.32000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Scale/Div: 10.0 dB Ref Lvl Offset: 11.60 dB Ref Value: 20.00 dBm Center: 5.32000 GHz #Res BW: 390.00 kHz #Video BW: 1.2000 MHz Span: 80 MHz Sweep: 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>17.767 MHz</td><td>Total Power</td><td>25.6 dBm</td></tr><tr><td>Transmit Freq Error</td><td>28.243 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>25.33 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:48:04 PM	Occupied Bandwidth	17.767 MHz	Total Power	25.6 dBm	Transmit Freq Error	28.243 kHz	% of OBW Power	99.00 %	x dB Bandwidth	25.33 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.767 MHz	Total Power	25.6 dBm										
Transmit Freq Error	28.243 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	25.33 MHz	x dB	-26.00 dB										

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1													
5500 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.50000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.50000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.687 MHz</td><td>Total Power</td><td>24.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>17.522 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.86 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:49:18 PM	Occupied Bandwidth	17.687 MHz	Total Power	24.3 dBm	Transmit Freq Error	17.522 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.86 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.687 MHz	Total Power	24.3 dBm										
Transmit Freq Error	17.522 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.86 MHz	x dB	-26.00 dB										
5560 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.56000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.56000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.666 MHz</td><td>Total Power</td><td>23.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>7.597 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.87 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 10:32:05 AM	Occupied Bandwidth	17.666 MHz	Total Power	23.1 dBm	Transmit Freq Error	7.597 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.87 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.666 MHz	Total Power	23.1 dBm										
Transmit Freq Error	7.597 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.87 MHz	x dB	-26.00 dB										
5700 MHz	 Keysight Spectrum Analyzer 1: Occupied BW Input: RF, Coupling: AC, Corrections: Off, Freq Ref: Int (S), Atten: 20 dB, Trig: Free Run, Gate: Off, #F: Gain Low, Center Freq: 5.70000000 GHz, Avg/Hold: 1/1, Radio Std: None 1 Graph: Scale/Div 10.0 dB, Log, Ref Lvl Offset 11.60 dB, Ref Value 20.00 dBm Center 5.70000 GHz, #Res BW 390.00 kHz, #Video BW 1.2000 MHz, Span 80 MHz, Sweep 1.00 ms (1001 pts) 2 Metrics: <table><tr><td>Occupied Bandwidth</td><td>17.713 MHz</td><td>Total Power</td><td>25.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>2.296 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>22.12 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Jan 07, 2022 2:50:48 PM	Occupied Bandwidth	17.713 MHz	Total Power	25.7 dBm	Transmit Freq Error	2.296 kHz	% of OBW Power	99.00 %	x dB Bandwidth	22.12 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.713 MHz	Total Power	25.7 dBm										
Transmit Freq Error	2.296 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	22.12 MHz	x dB	-26.00 dB										

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

5190 MHz



5230 MHz



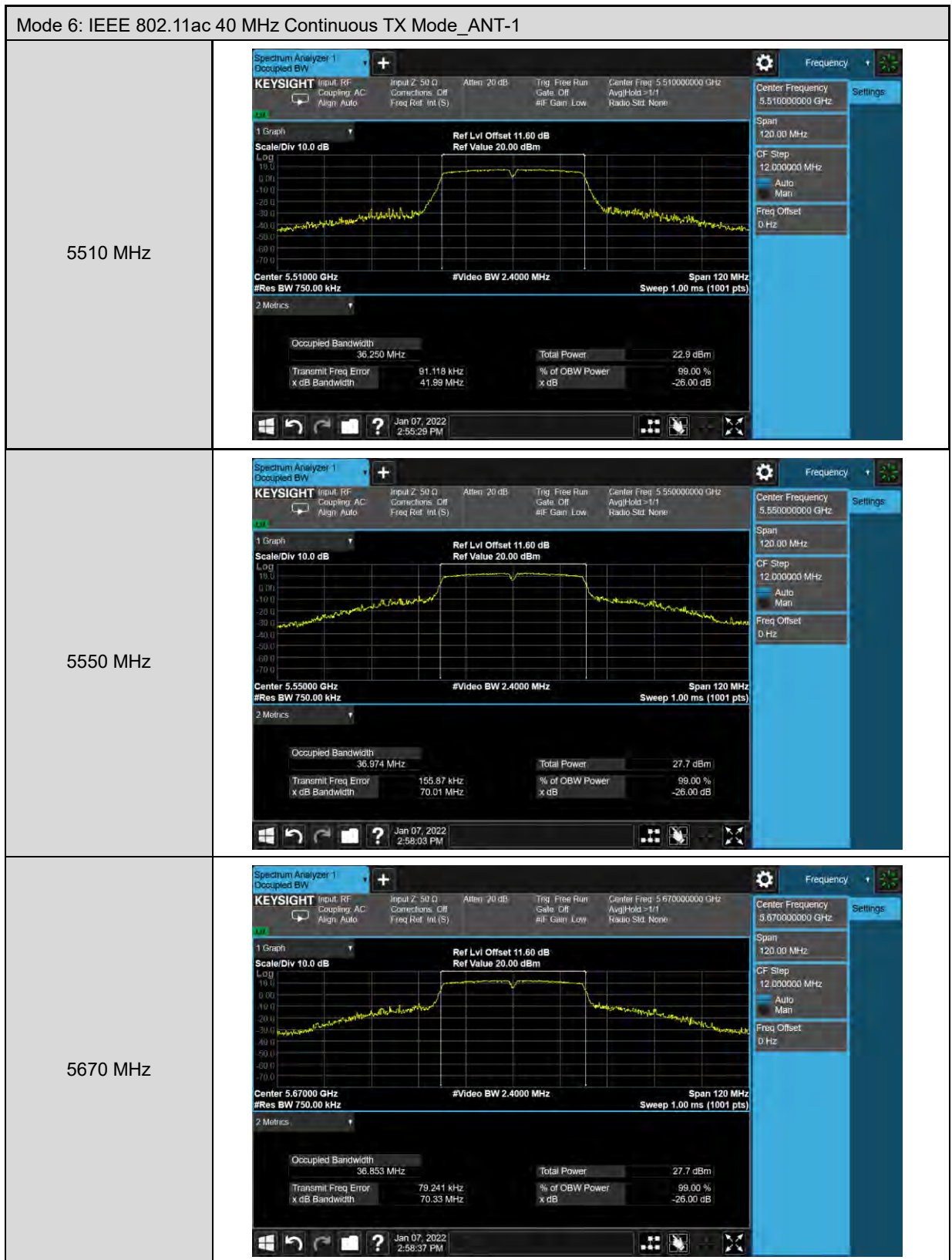
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

5270 MHz



5310 MHz





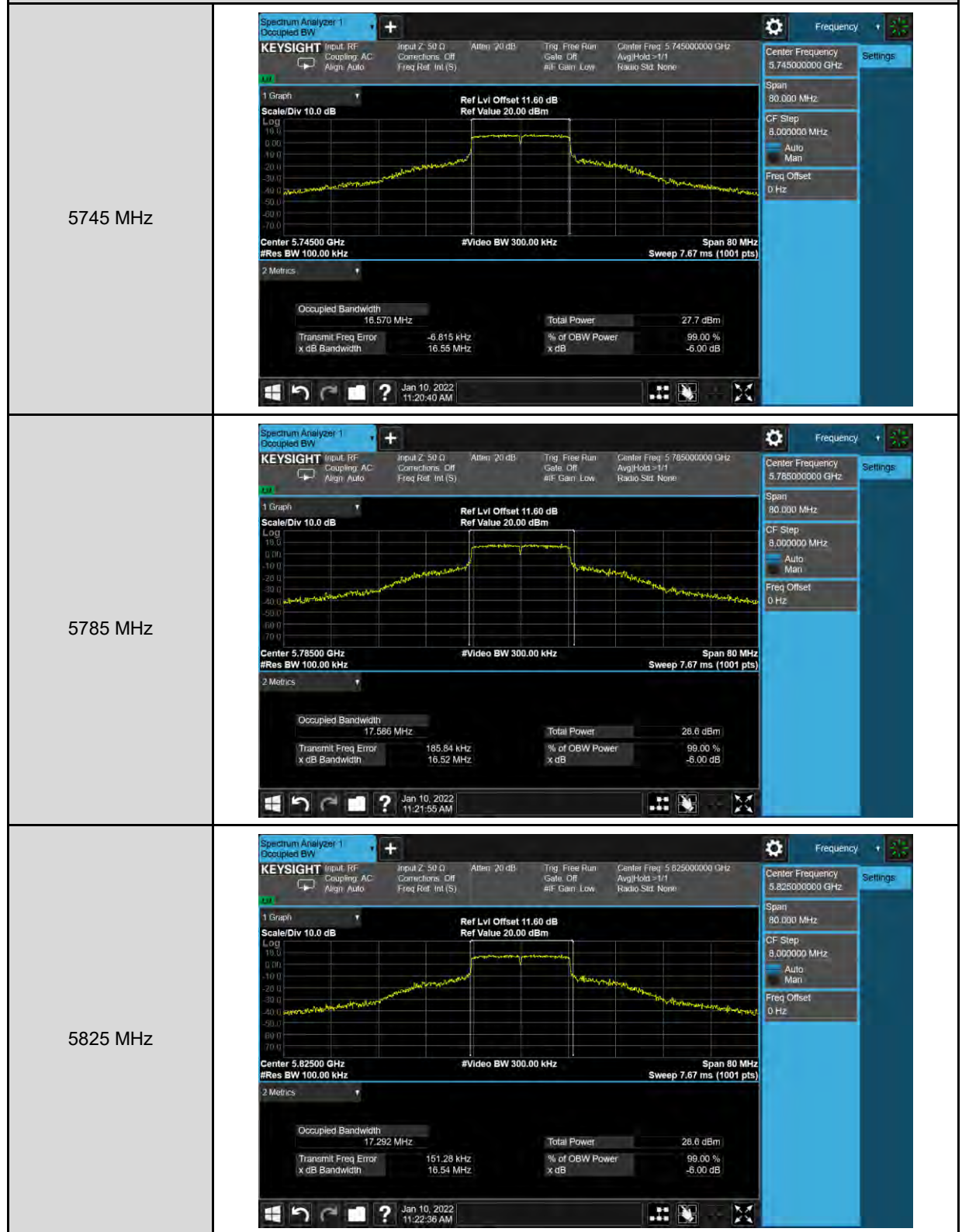
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5210 MHz	 Center Frequency: 5.21000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 74.461 MHz Total Power: 22.3 dBm Transmit Freq Error: 99.598 kHz % of OBW Power: 99.00 % x dB Bandwidth: 81.51 MHz x dB: -26.00 dB
5290 MHz	 Center Frequency: 5.29000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 74.731 MHz Total Power: 21.7 dBm Transmit Freq Error: 75.689 kHz % of OBW Power: 99.00 % x dB Bandwidth: 81.38 MHz x dB: -26.00 dB
5530 MHz	 Center Frequency: 5.53000000 GHz Span: 240.00 MHz CF Step: 24.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 74.627 MHz Total Power: 21.6 dBm Transmit Freq Error: 68.580 kHz % of OBW Power: 99.00 % x dB Bandwidth: 81.68 MHz x dB: -26.00 dB

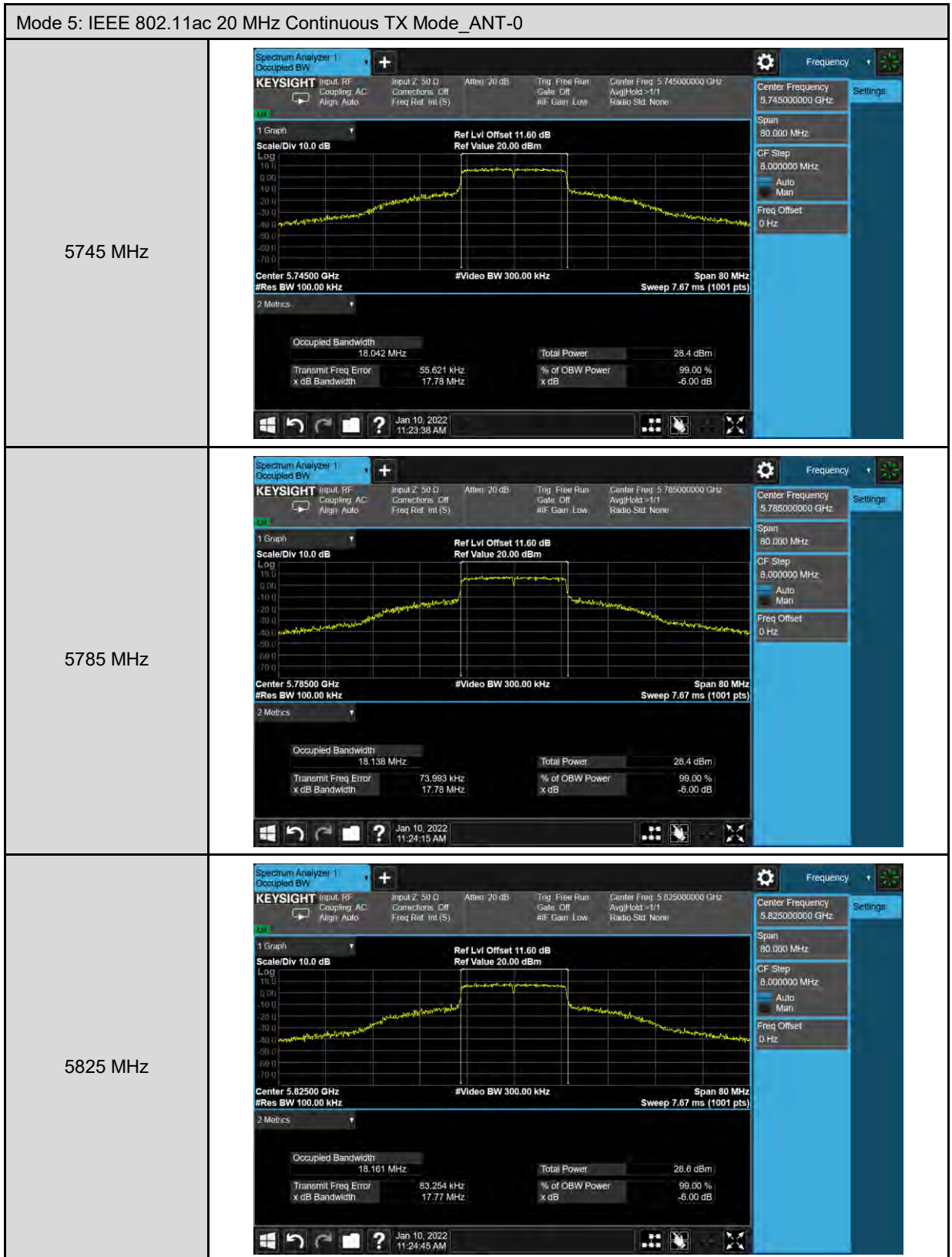
6 dB RF Bandwidth Measurement

Test Mode	Frequency (MHz)	ANT-0	ANT-1	Limit (kHz)
		Measurement Results (MHz)	Measurement Results (MHz)	
Mode 2	5745	16550	16510	≥ 500
	5785	16520	16530	≥ 500
	5825	16540	16510	≥ 500
Mode 5	5745	17780	17780	≥ 500
	5785	17780	17790	≥ 500
	5825	17770	17790	≥ 500
Mode 6	5755	36510	36500	≥ 500
	5795	36510	36480	≥ 500
Mode 7	5775	75200	73920	≥ 500

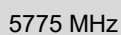
Test Graphs

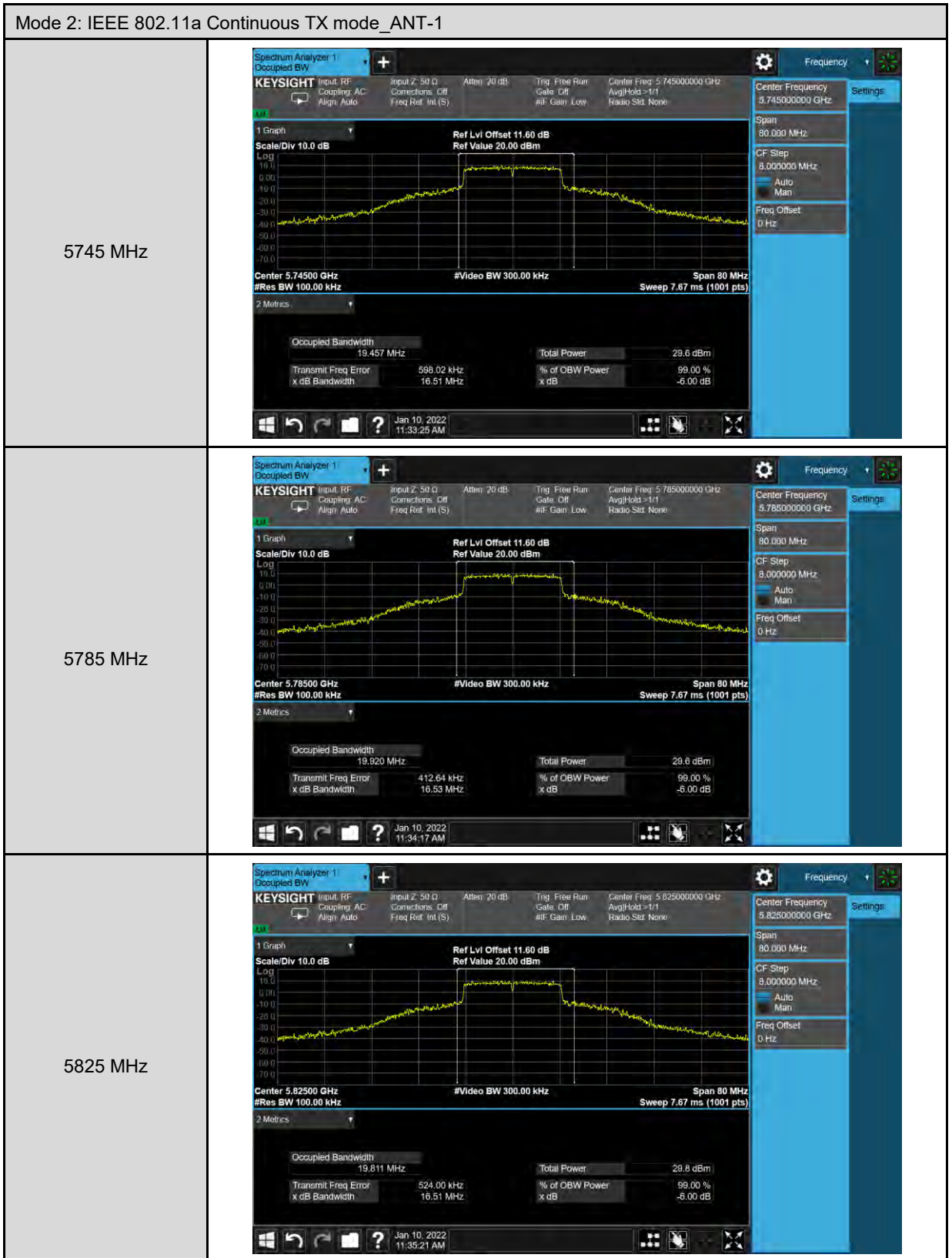
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0





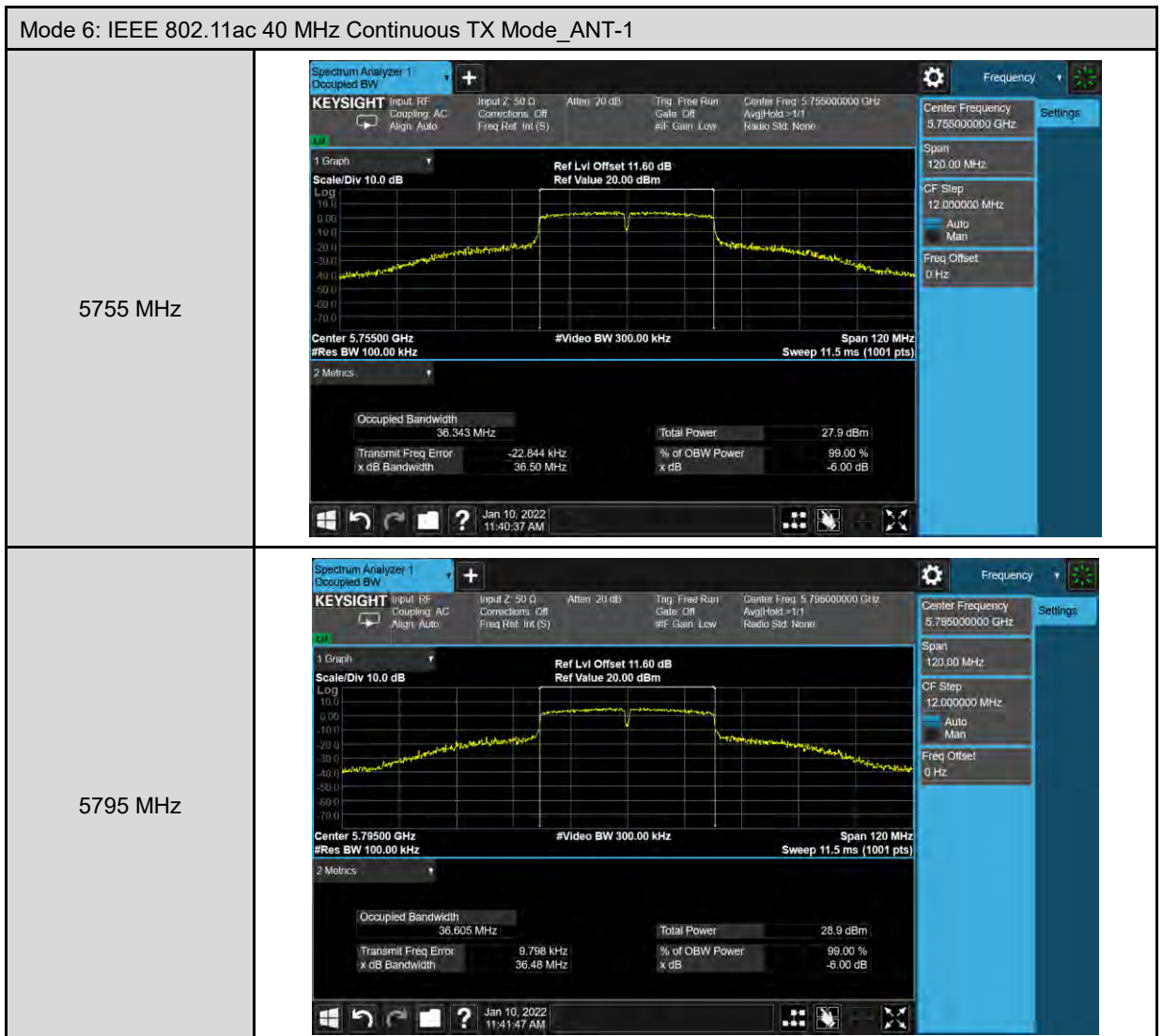


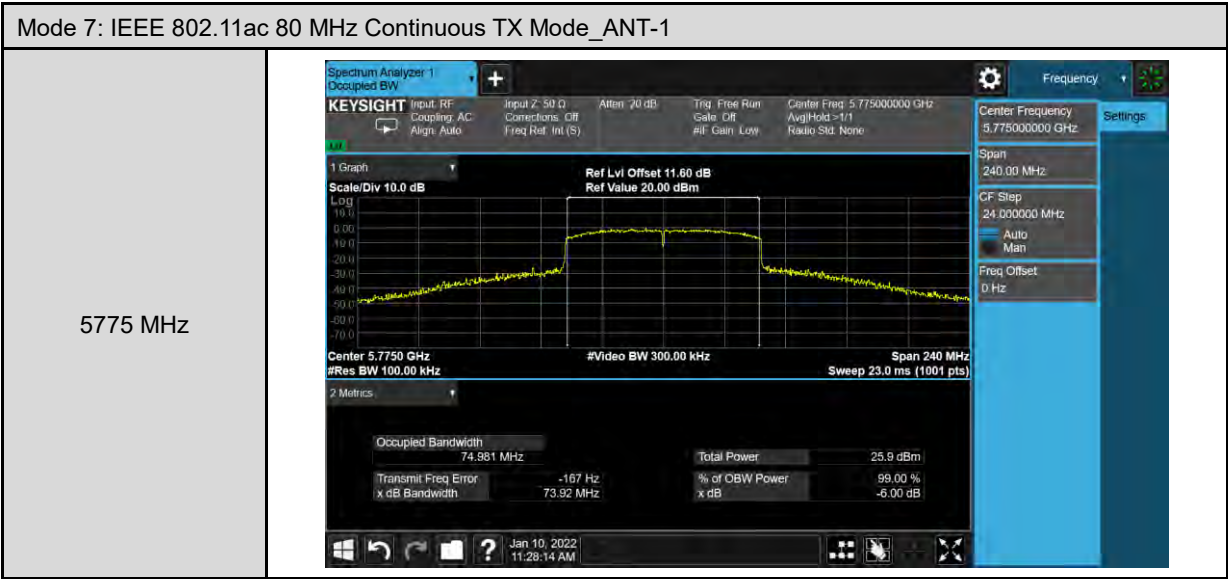




Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

5745 MHz	 Center Frequency: 5.74500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.617 MHz Total Power: 29.4 dBm Transmit Freq Error: 414.28 kHz x dB Bandwidth: 17.79 MHz x dB Power: -6.00 dB
5785 MHz	 Center Frequency: 5.78500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.277 MHz Total Power: 29.3 dBm Transmit Freq Error: 206.40 kHz x dB Bandwidth: 17.79 MHz x dB Power: -6.00 dB
5825 MHz	 Center Frequency: 5.82500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.648 MHz Total Power: 29.4 dBm Transmit Freq Error: 467.54 kHz x dB Bandwidth: 17.79 MHz x dB Power: -6.00 dB





Maximum Power Spectral Density Measurement

Test Mode	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/MHz)
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	
Mode 2	5180	5.809	0.000	5.809	5.833	0.000	5.833	≤ 8.99
	5200	5.786	0.000	5.786	5.881	0.000	5.881	≤ 8.99
	5240	5.790	0.000	5.790	5.868	0.000	5.868	≤ 8.99
	5260	5.828	0.000	5.828	5.865	0.000	5.865	≤ 8.99
	5280	5.845	0.000	5.845	5.897	0.000	5.897	≤ 8.99
	5320	5.839	0.000	5.839	5.819	0.000	5.819	≤ 8.99
	5500	5.546	0.000	5.546	5.897	0.000	5.897	≤ 8.99
	5560	5.802	0.000	5.802	5.834	0.000	5.834	≤ 8.99
	5700	5.743	0.000	5.743	5.889	0.000	5.889	≤ 8.99
Mode 5	5180	5.818	0.000	5.818	5.880	0.000	5.880	≤ 8.99
	5200	5.818	0.000	5.818	5.888	0.000	5.888	≤ 8.99
	5240	5.852	0.000	5.852	5.867	0.000	5.867	≤ 8.99
	5260	5.845	0.000	5.845	5.880	0.000	5.880	≤ 8.99
	5280	5.912	0.000	5.912	5.890	0.000	5.890	≤ 8.99
	5320	5.820	0.000	5.820	5.899	0.000	5.899	≤ 8.99
	5500	5.095	0.000	5.095	5.830	0.000	5.830	≤ 8.99
	5560	5.845	0.000	5.845	5.902	0.000	5.902	≤ 8.99
	5700	5.083	0.000	5.083	5.828	0.000	5.828	≤ 8.99
Mode 6	5190	1.079	0.000	1.079	1.100	0.000	1.100	≤ 8.99
	5230	4.262	0.000	4.262	4.151	0.000	4.151	≤ 8.99
	5270	4.077	0.000	4.077	4.160	0.000	4.160	≤ 8.99
	5310	0.910	0.000	0.910	1.126	0.000	1.126	≤ 8.99
	5510	-0.564	0.000	-0.564	-0.361	0.000	-0.361	≤ 8.99
	5550	5.380	0.000	5.380	4.920	0.000	4.920	≤ 8.99
	5670	4.073	0.000	4.073	4.398	0.000	4.398	≤ 8.99
Mode 7	5210	-3.024	0.000	-3.024	-3.032	0.000	-3.032	≤ 8.99
	5290	-3.097	0.000	-3.097	-3.211	0.000	-3.211	≤ 8.99
	5530	-3.920	0.000	-3.920	-3.816	0.000	-3.816	≤ 8.99

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Frequency (MHz)	ANT-0+1	Limit
		(dBm/MHz)	(dBm/MHz)
Mode 2	5180	8.831	≤ 8.99
	5200	8.844	≤ 8.99
	5240	8.839	≤ 8.99
	5260	8.857	≤ 8.99
	5280	8.881	≤ 8.99
	5320	8.839	≤ 8.99
	5500	8.735	≤ 8.99
	5560	8.828	≤ 8.99
	5700	8.827	≤ 8.99
Mode 5	5180	8.859	≤ 8.99
	5200	8.863	≤ 8.99
	5240	8.870	≤ 8.99
	5260	8.873	≤ 8.99
	5280	8.911	≤ 8.99
	5320	8.870	≤ 8.99
	5500	8.488	≤ 8.99
	5560	8.884	≤ 8.99
	5700	8.482	≤ 8.99
Mode 6	5190	4.100	≤ 8.99
	5230	7.217	≤ 8.99
	5270	7.129	≤ 8.99
	5310	4.030	≤ 8.99
	5510	2.549	≤ 8.99
	5550	8.166	≤ 8.99
	5670	7.249	≤ 8.99
Mode 7	5210	-0.018	≤ 8.99
	5290	-0.143	≤ 8.99
	5530	-0.857	≤ 8.99

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/500 kHz)
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	
Mode 2	5745	2.614	0.000	9.604	3.363	0.000	10.353	≤ 27.99
	5785	2.877	0.000	9.867	3.552	0.000	10.542	≤ 27.99
	5825	2.765	0.000	9.755	3.244	0.000	10.234	≤ 27.99
Mode 5	5745	2.447	0.000	9.437	2.884	0.000	9.874	≤ 27.99
	5785	2.788	0.000	9.778	3.137	0.000	10.127	≤ 27.99
	5825	2.678	0.000	9.668	3.042	0.000	10.032	≤ 27.99
Mode 6	5755	-2.052	0.000	4.938	-1.469	0.000	5.521	≤ 27.99
	5795	-1.981	0.000	5.009	-1.252	0.000	5.738	≤ 27.99
Mode 7	5775	-7.903	0.000	-0.913	-7.456	0.000	-0.466	≤ 27.99

Test Mode	Frequency (MHz)	ANT-0+1	Limit (dBm/500 kHz)
		Calculated (dBm/500 kHz)	
Mode 2	5745	13.005	≤ 27.99
	5785	13.228	≤ 27.99
	5825	13.011	≤ 27.99
Mode 5	5745	12.671	≤ 27.99
	5785	12.966	≤ 27.99
	5825	12.864	≤ 27.99
Mode 6	5755	8.249	≤ 27.99
	5795	8.399	≤ 27.99
Mode 7	5775	2.326	≤ 27.99

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 kHz/100 kHz)

Test Graphs







Mode 2: IEEE 802.11a Continuous TX mode_ANT-0

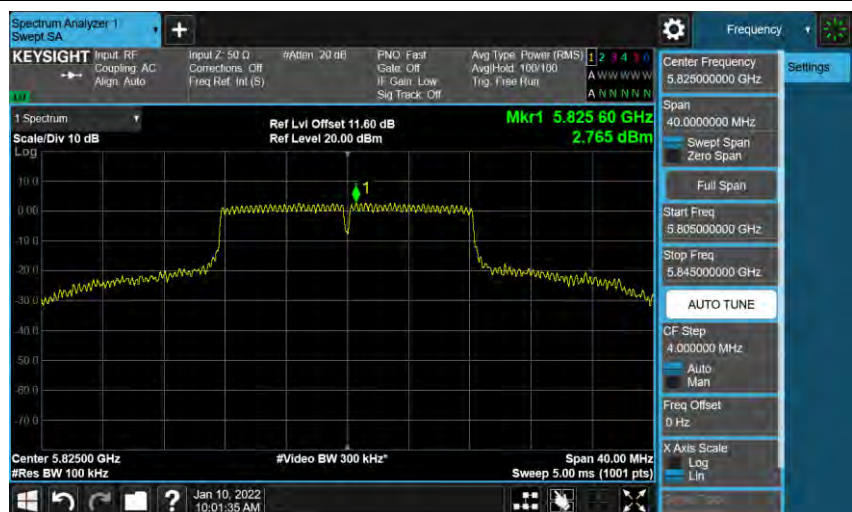
5745 MHz

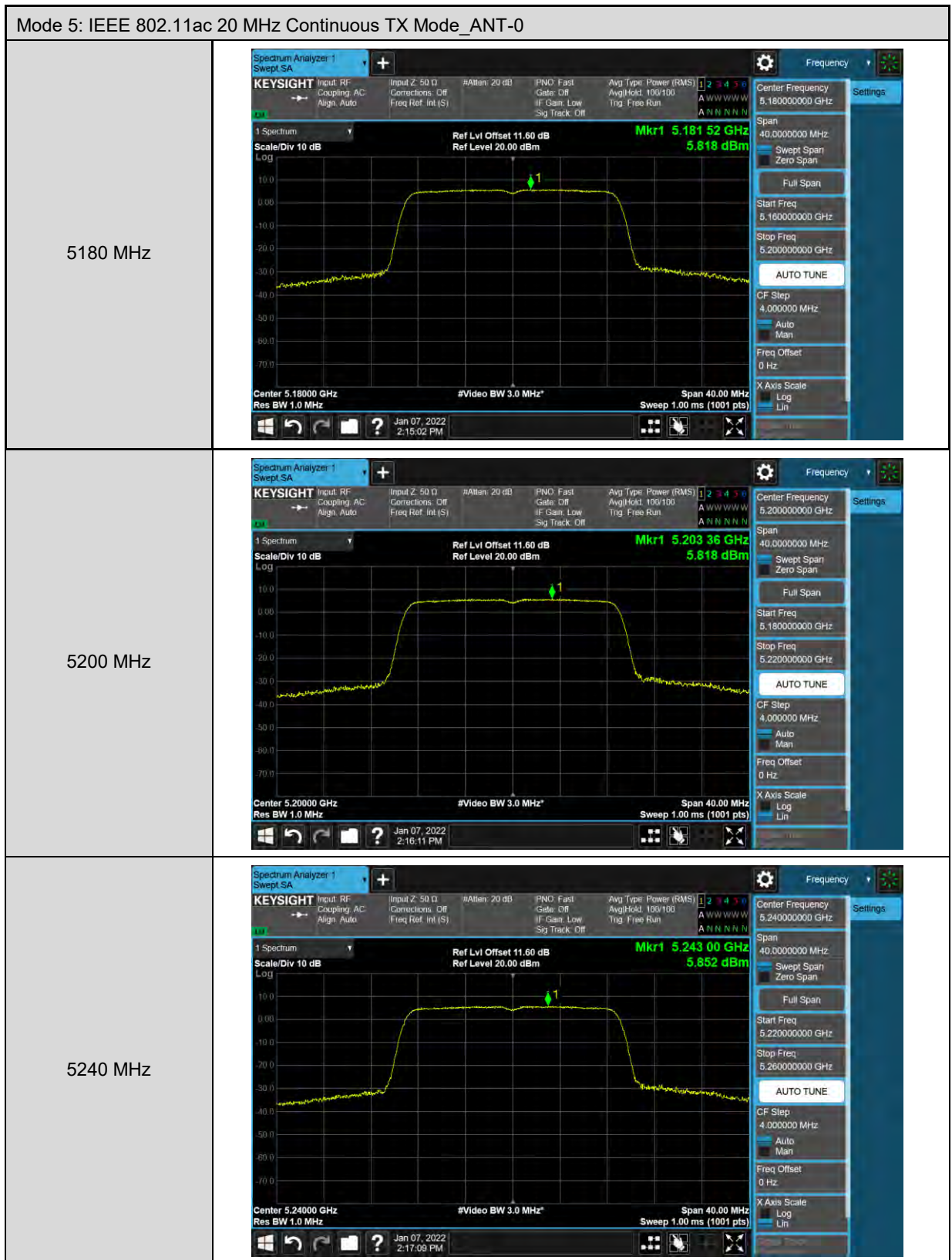


5785 MHz

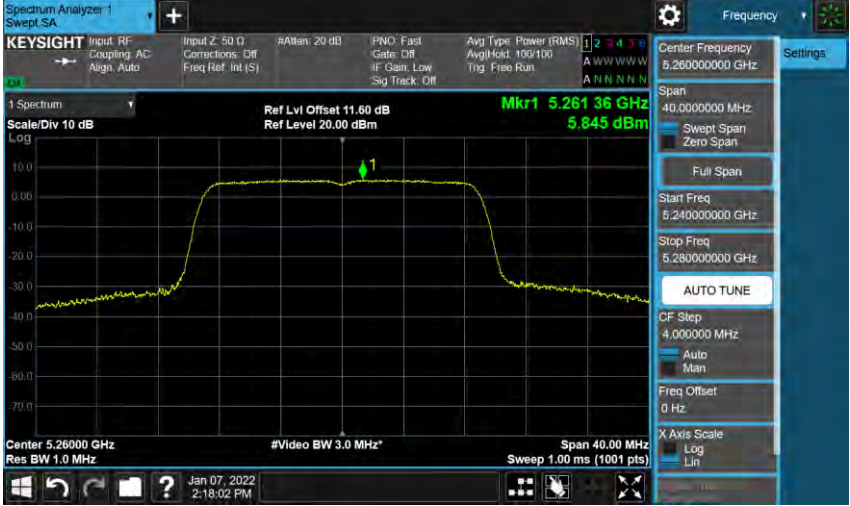
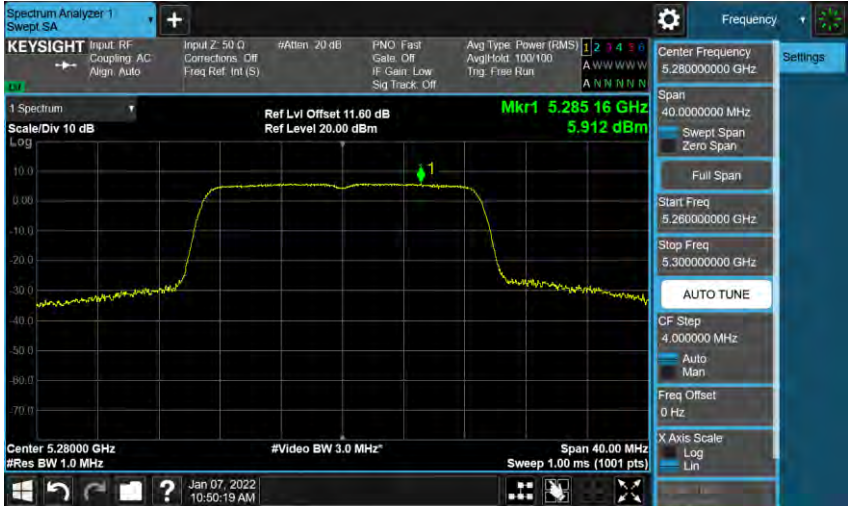


5825 MHz

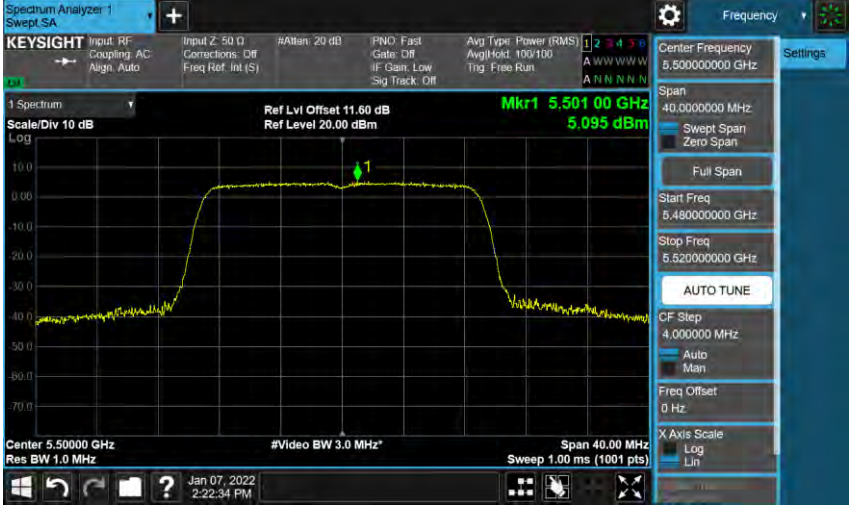




Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

5260 MHz	
5280 MHz	
5320 MHz	

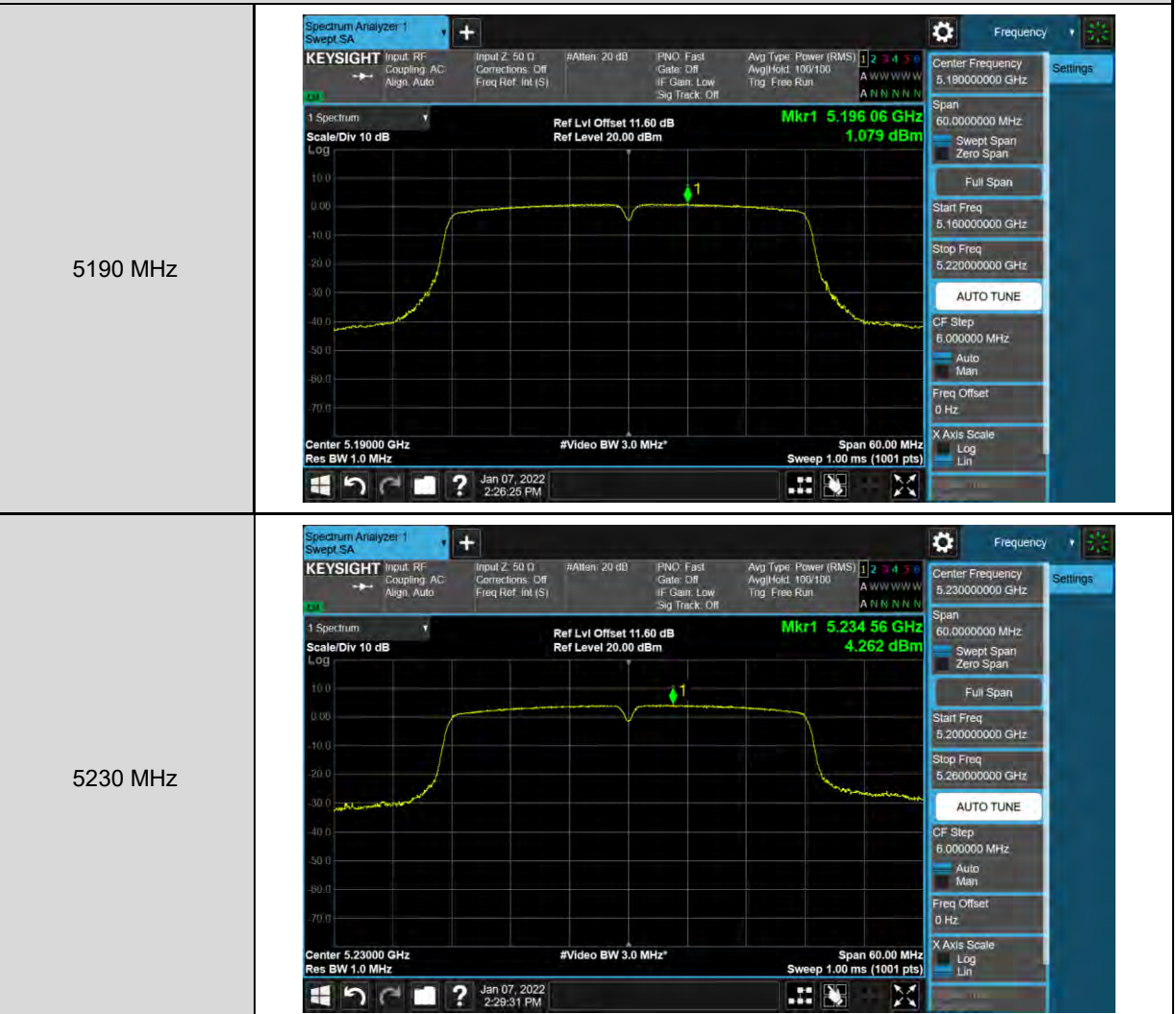
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

5500 MHz	
5560 MHz	
5700 MHz	

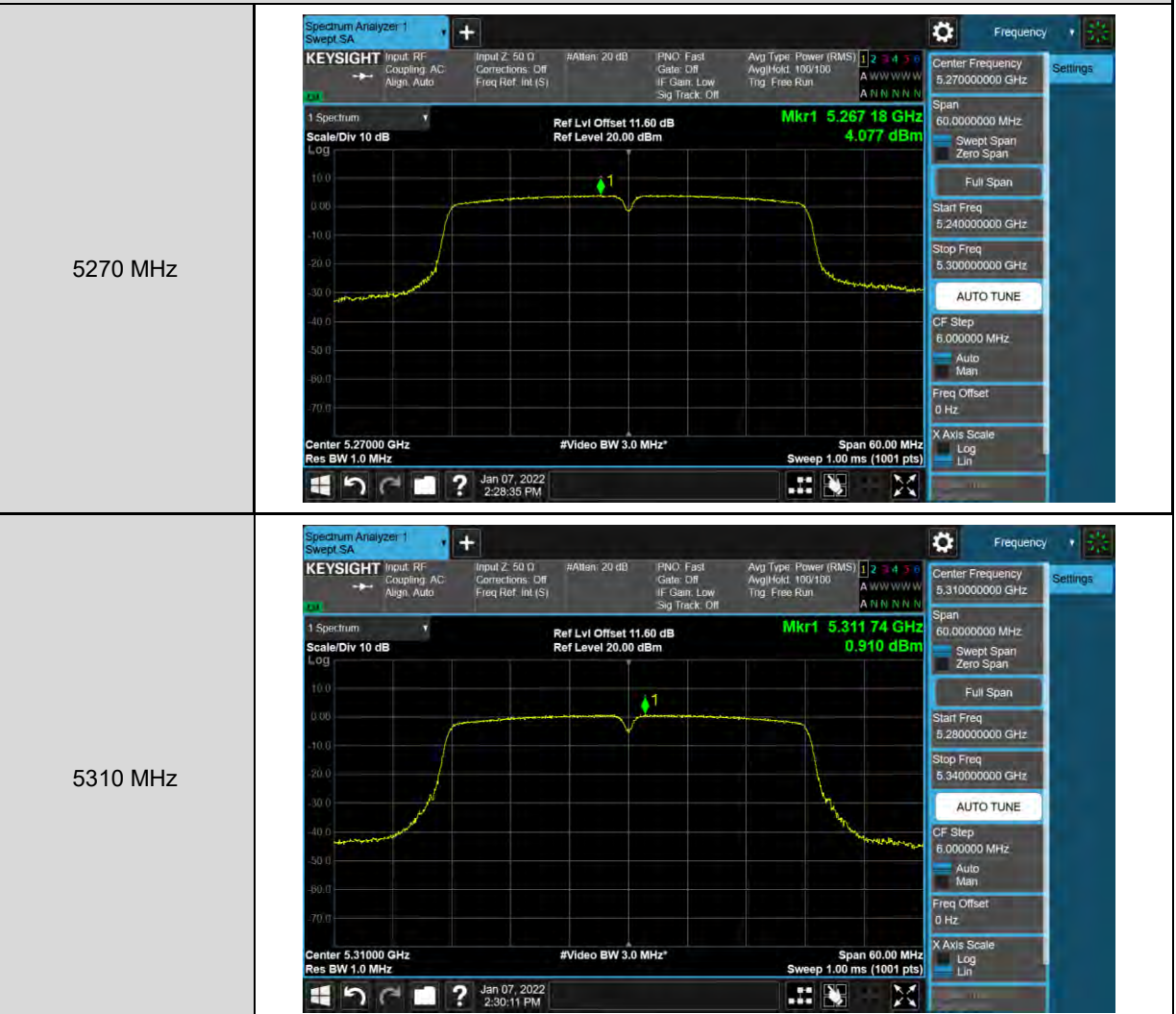
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

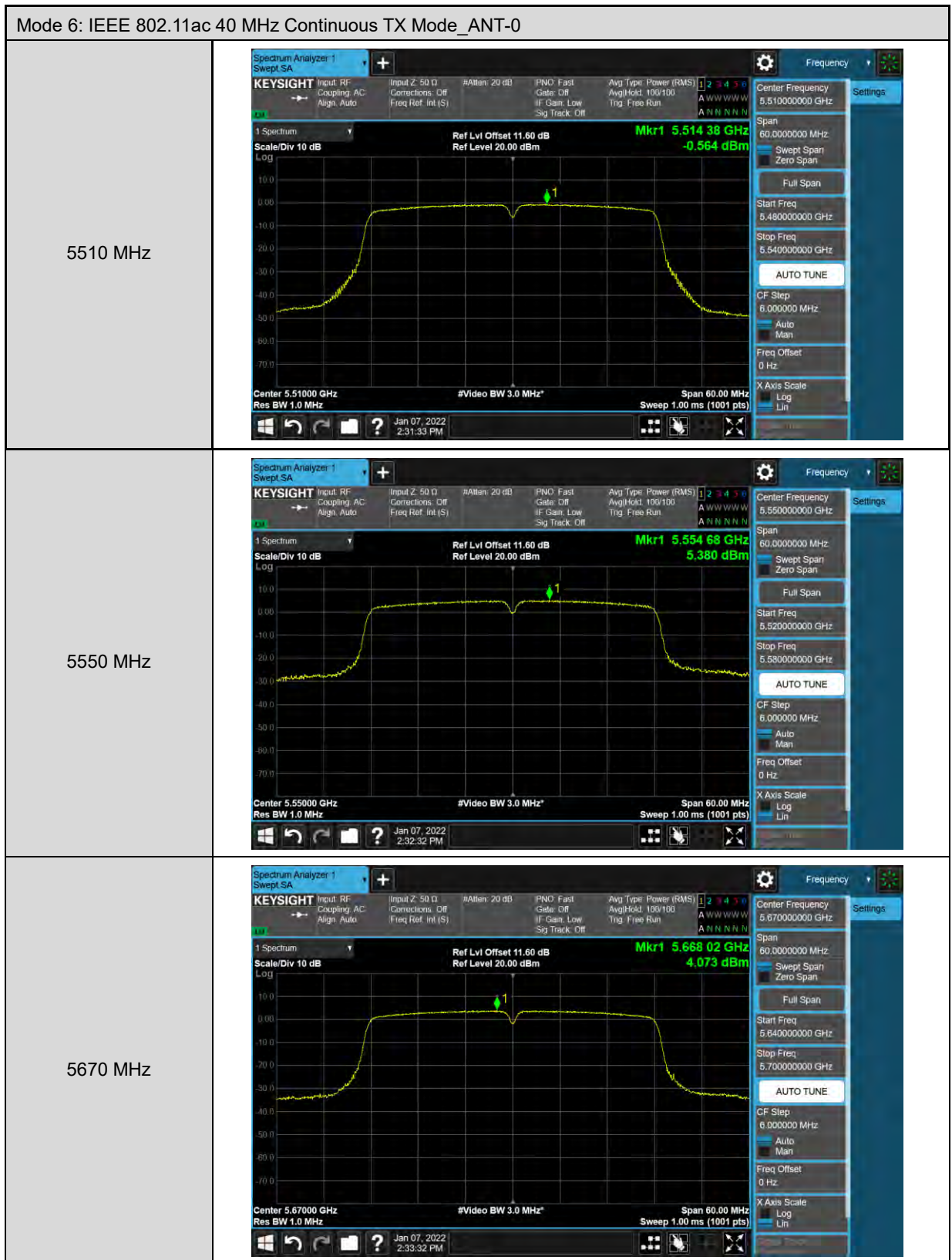
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0



Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0





Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

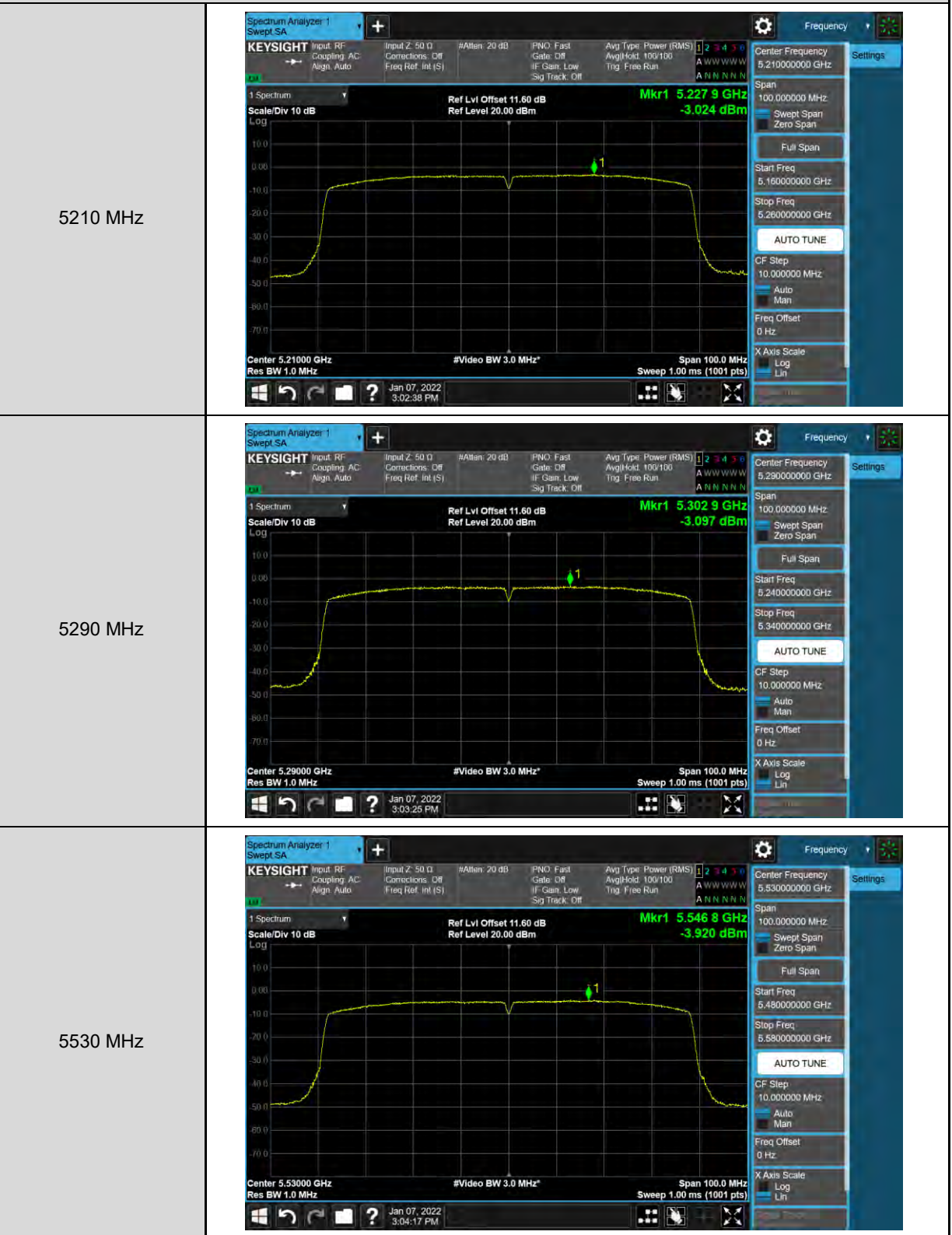
5755 MHz

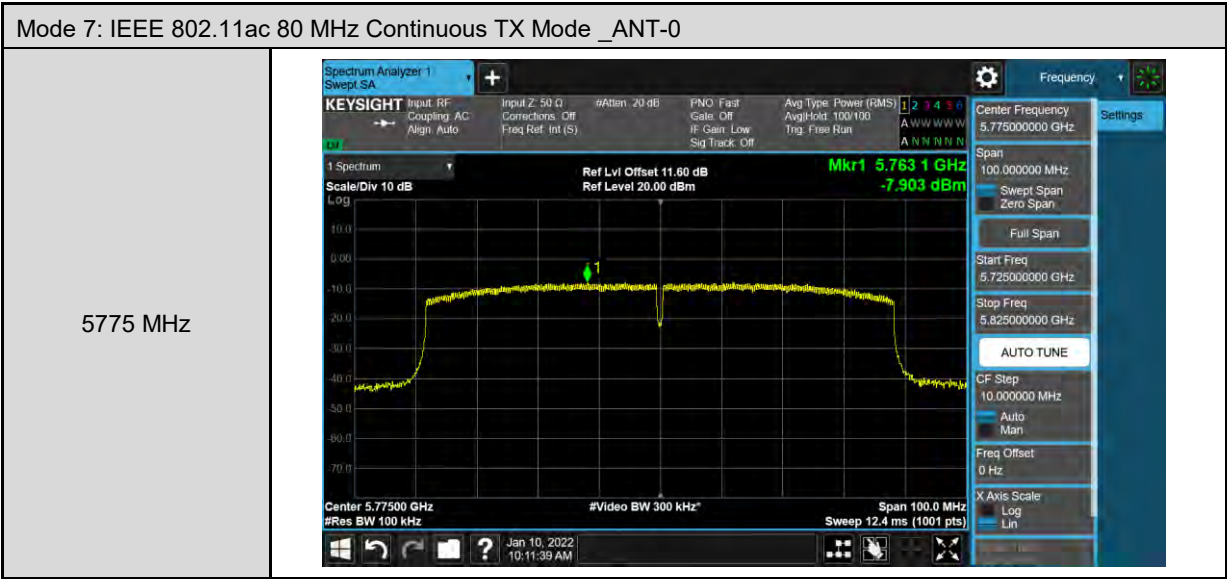


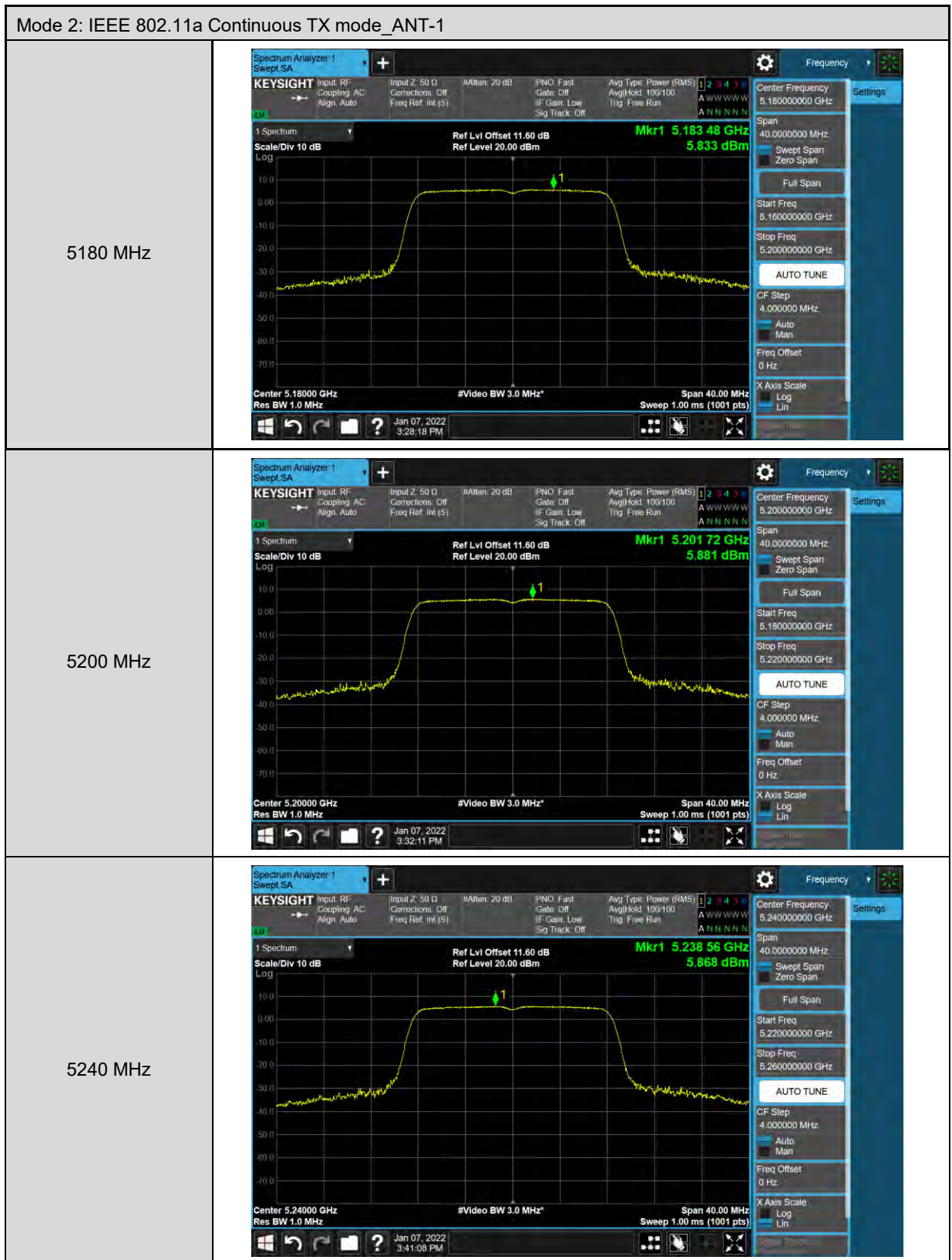
5795 MHz



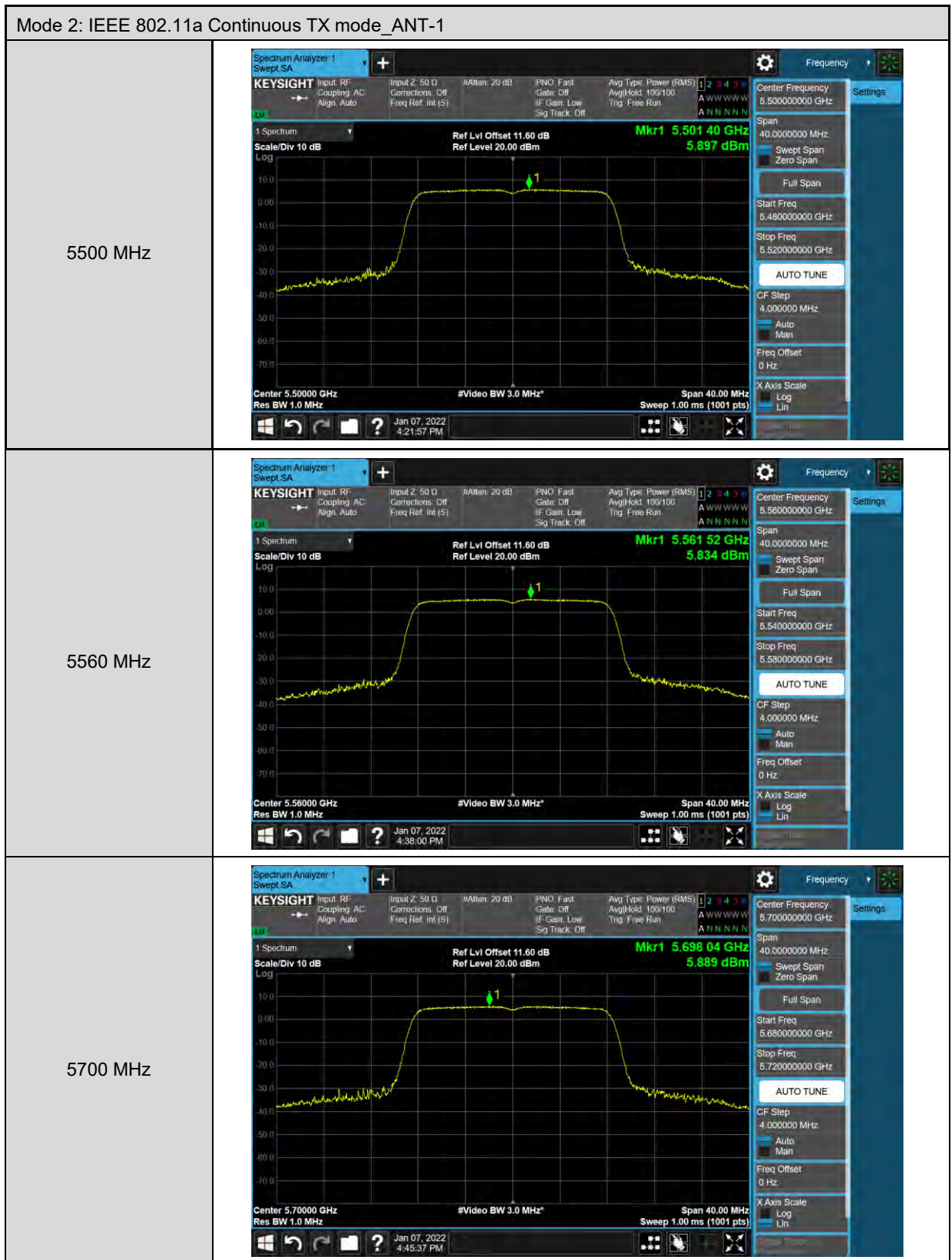
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-0

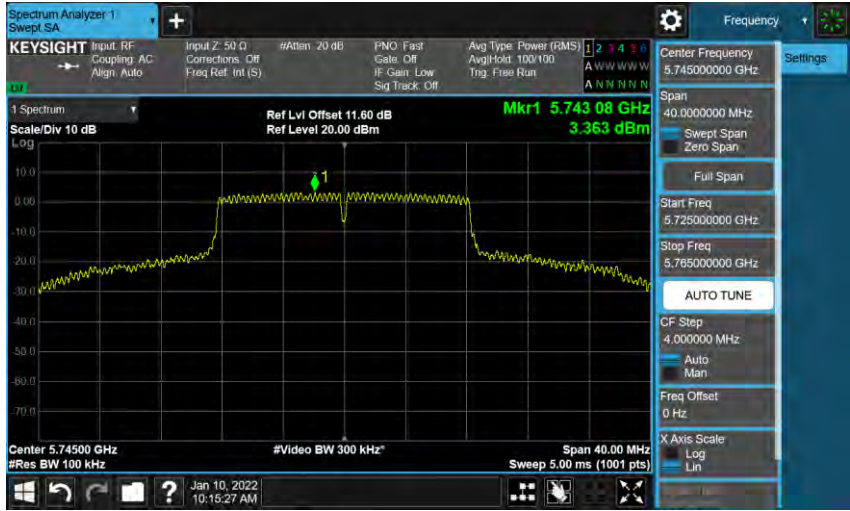
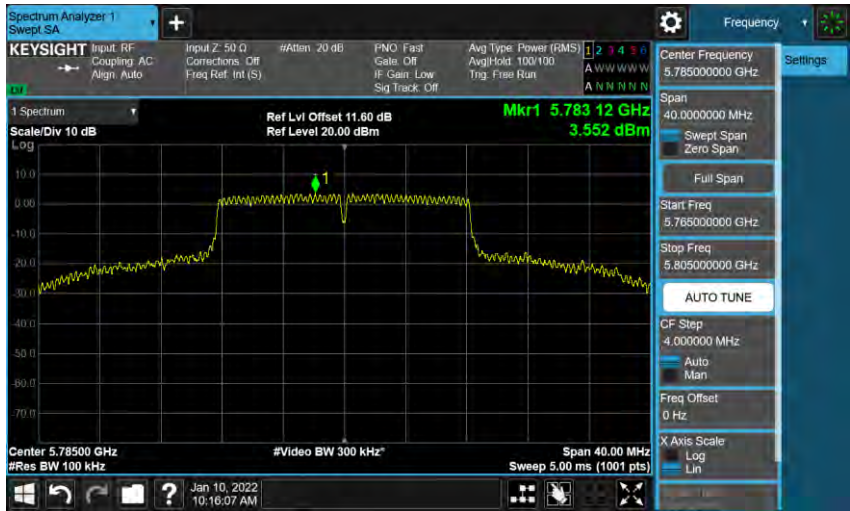


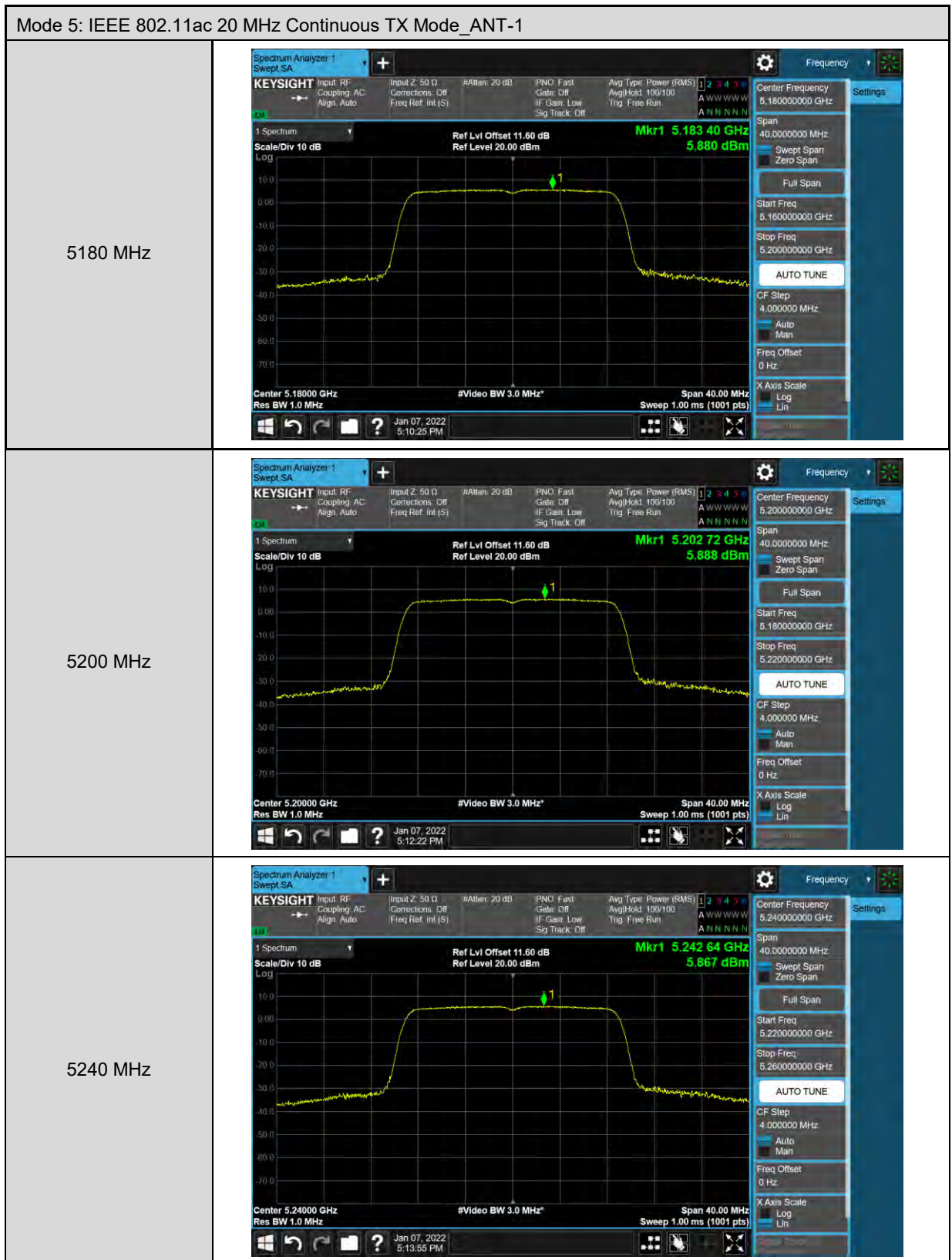








Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	





Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

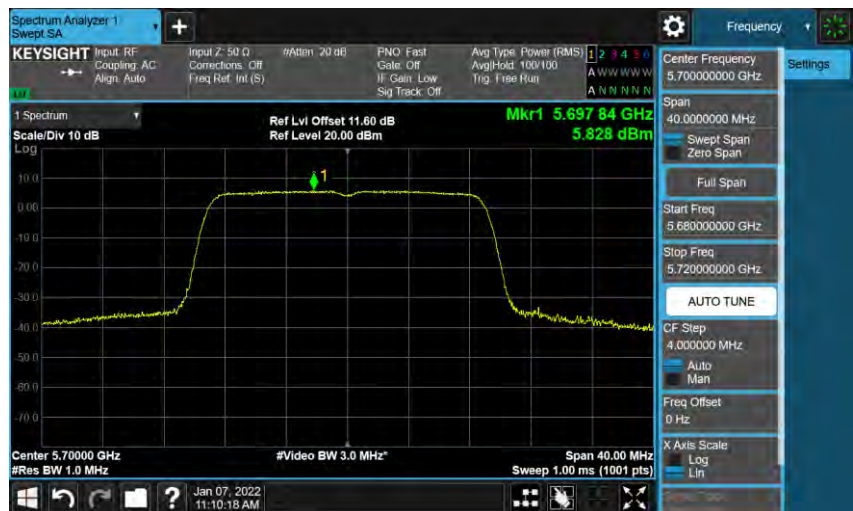
5500 MHz



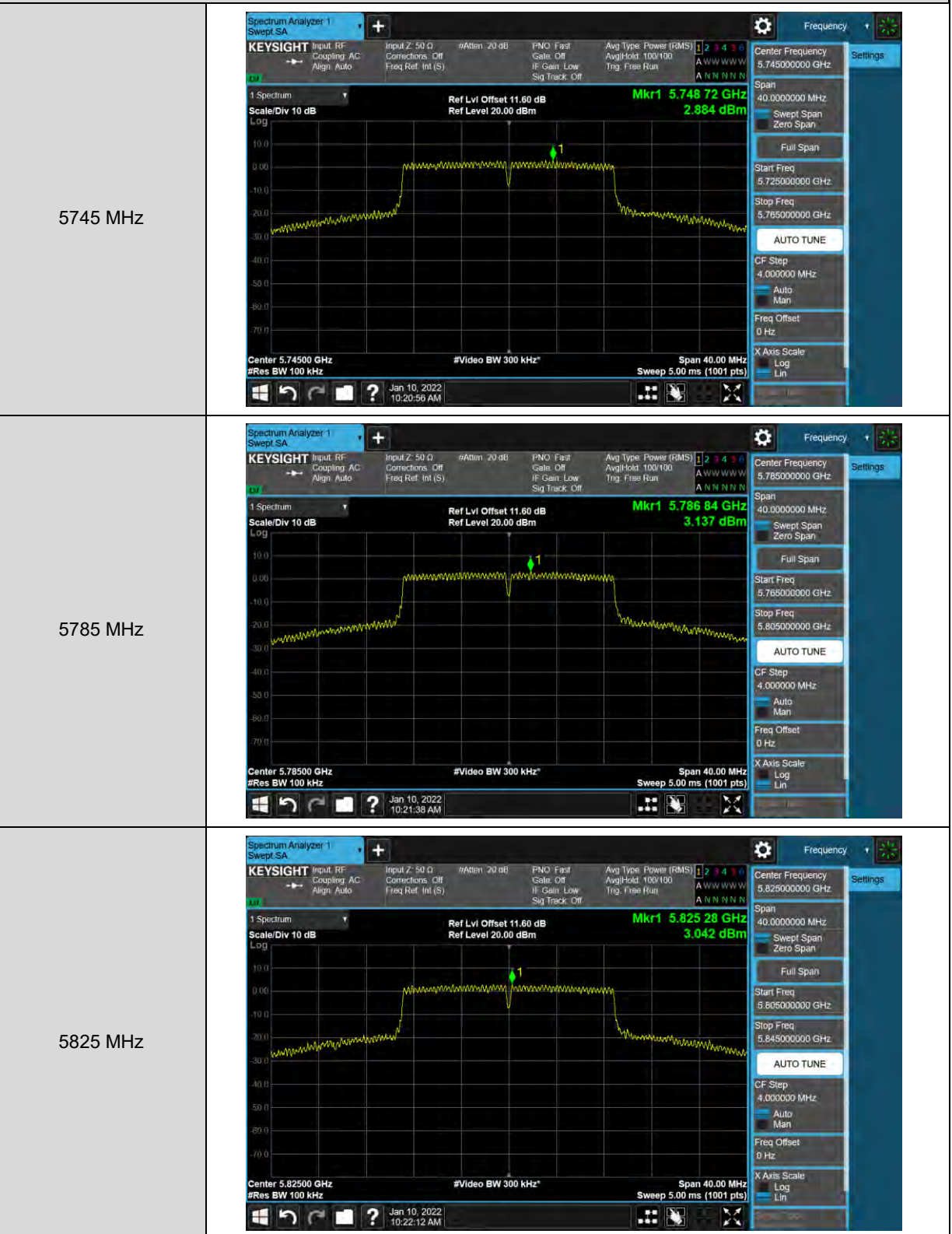
5560 MHz



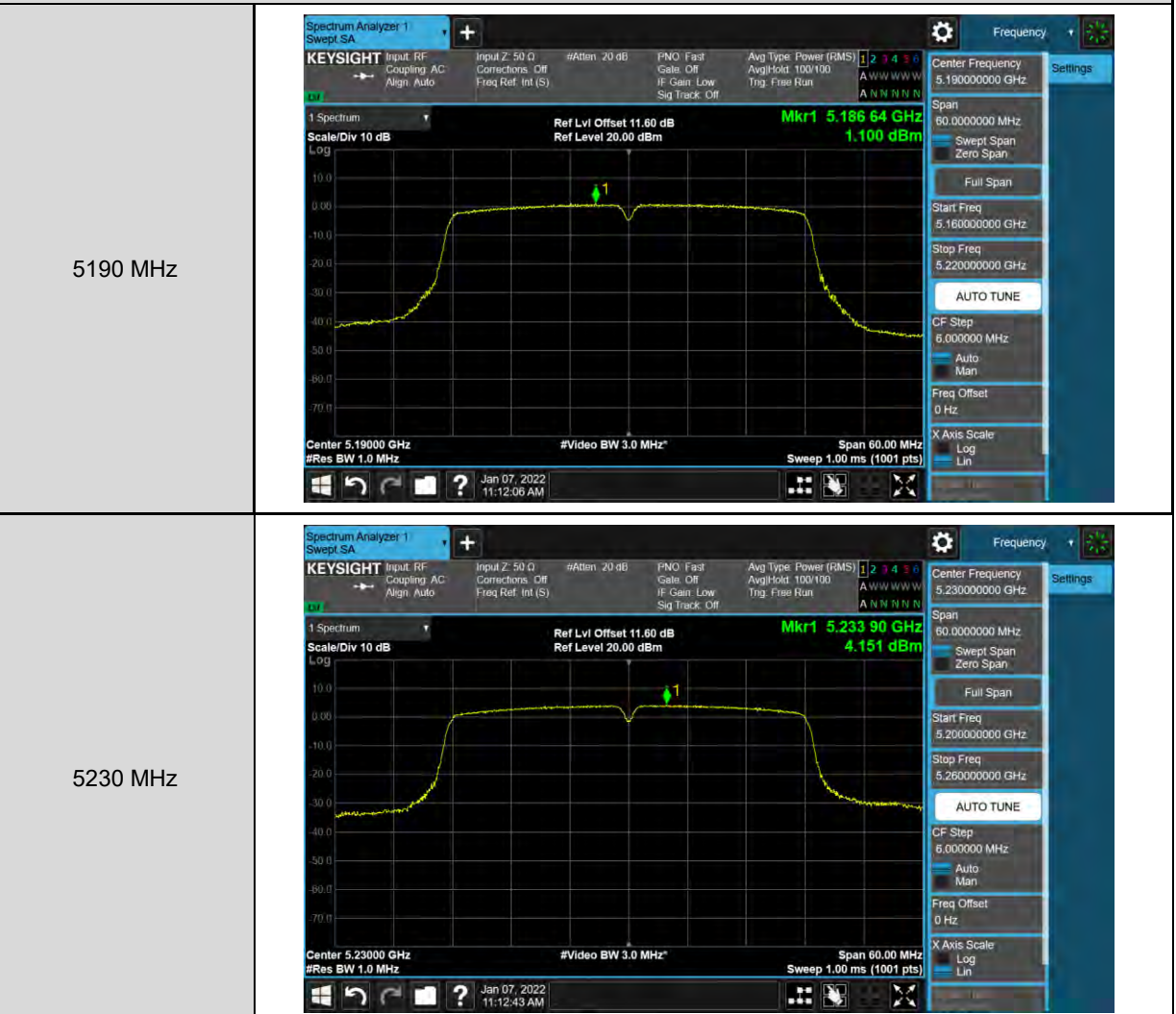
5700 MHz



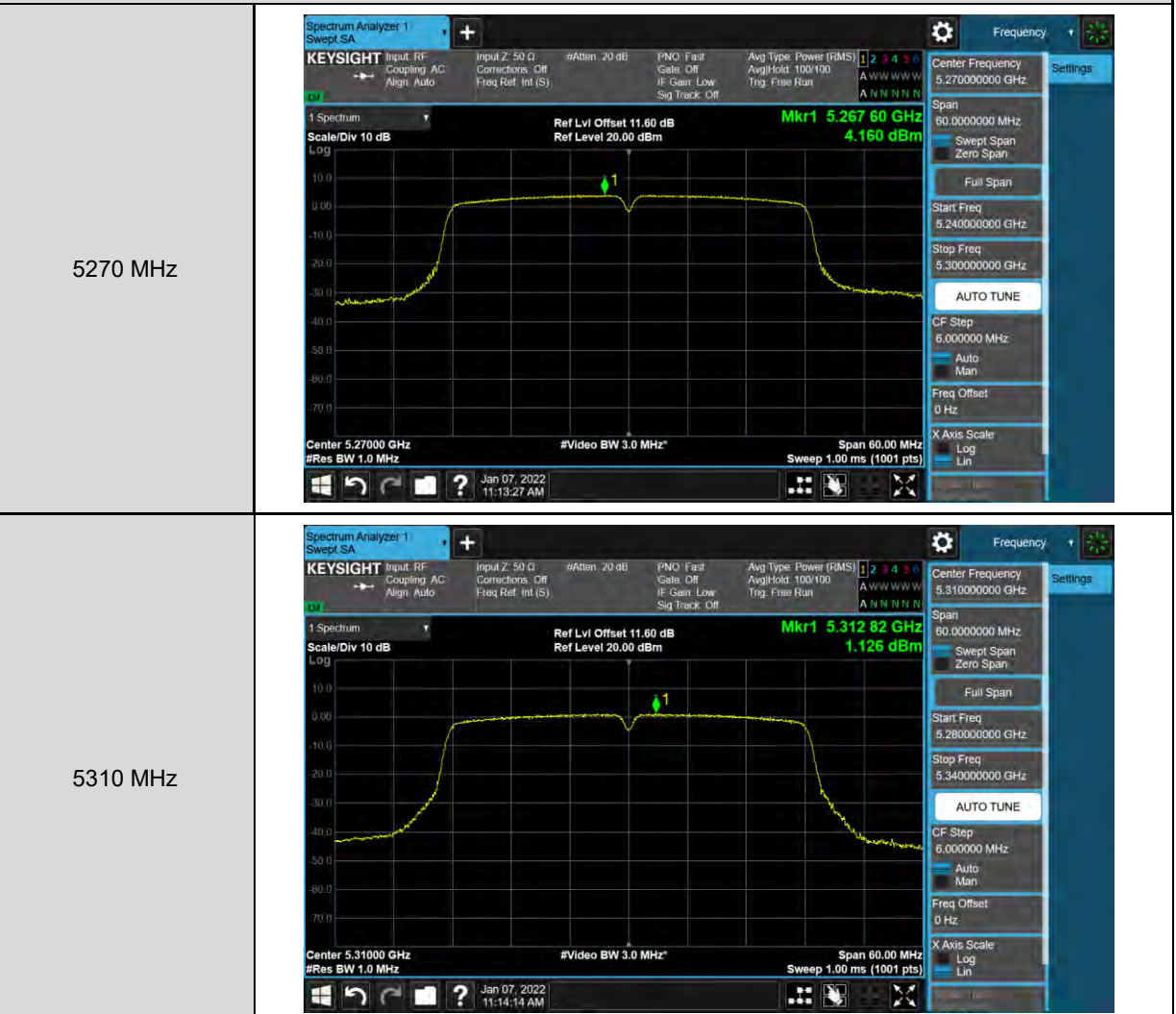
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

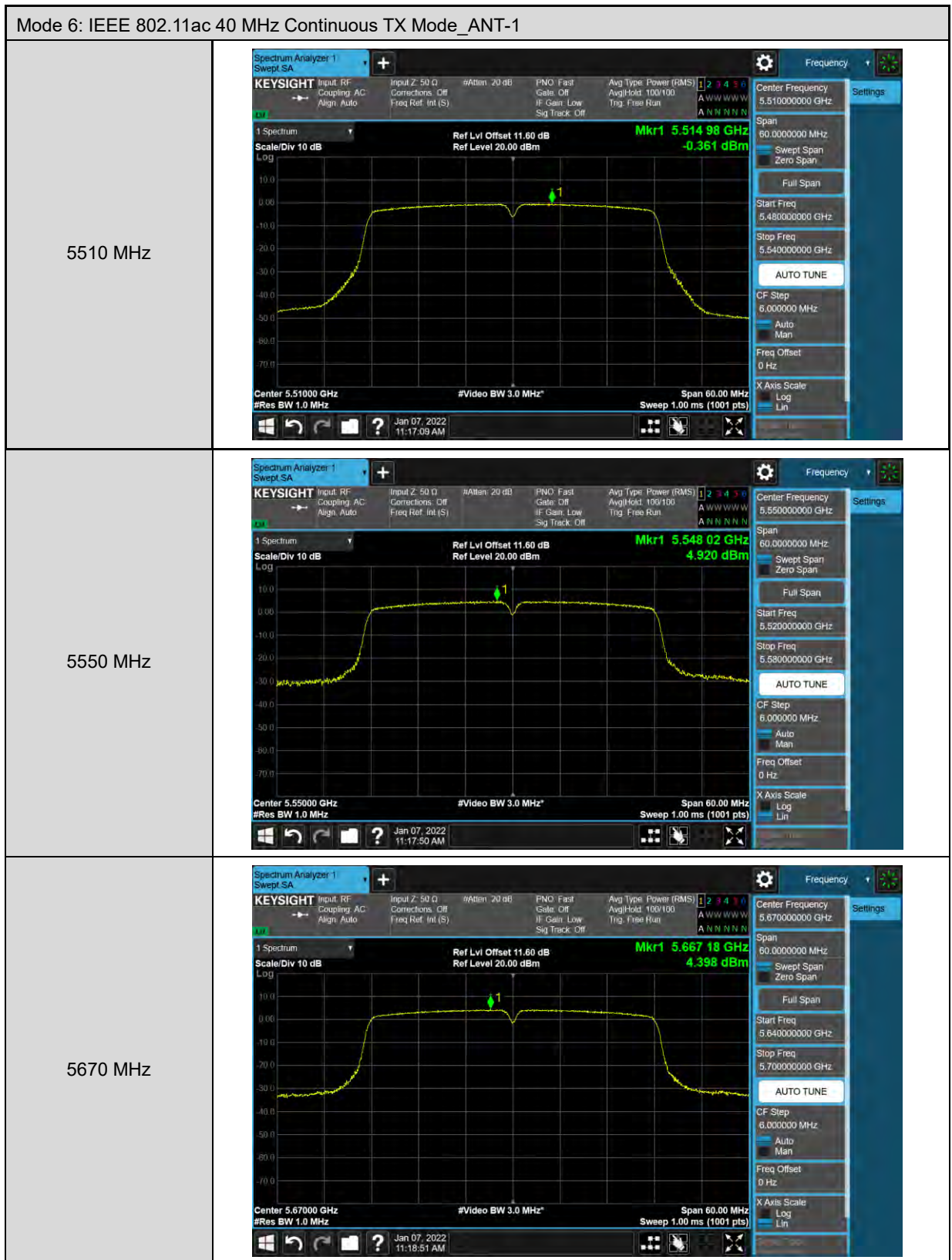


Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1



Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1





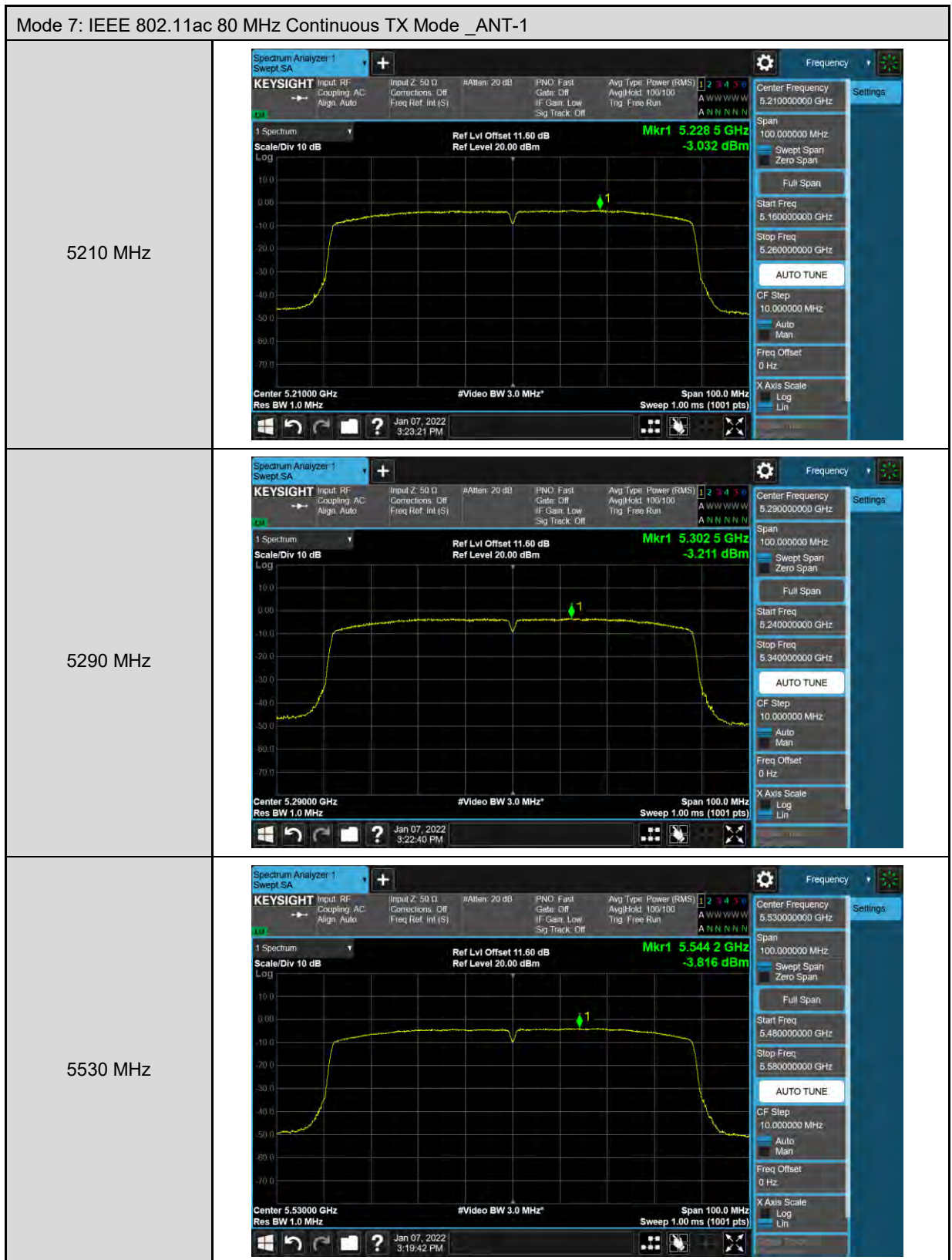
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

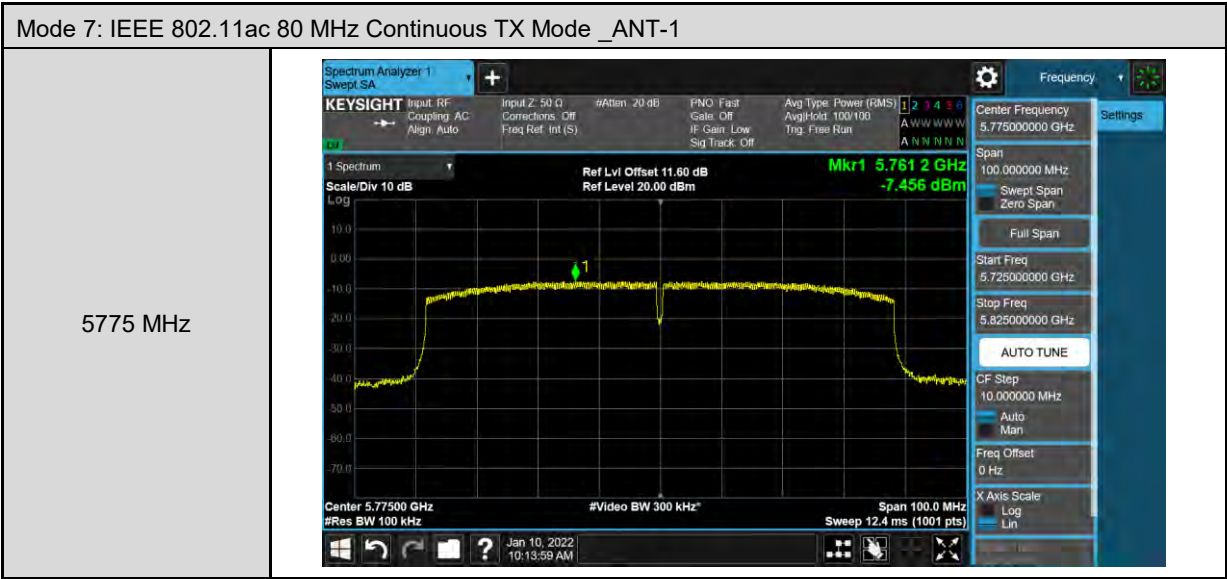
5755 MHz



5795 MHz







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