

26 dB Bandwidth

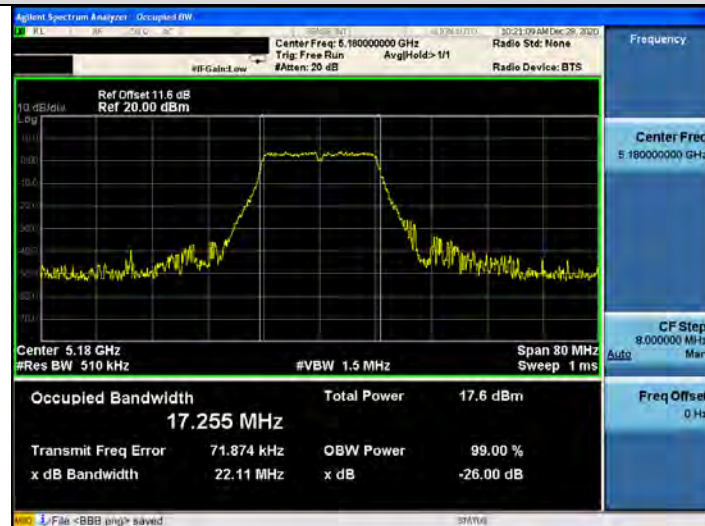
Test Mode	Frequency (MHz)	26 dB Bandwidth (MHz)							
		B Chip				C Chip			
		ANT-0	ANT-1	ANT-2	ANT-3	ANT-4	ANT-5	ANT-6	ANT-7
Mode 10	5180	22.110	---	---	---	---	---	---	---
	5200	21.750	---	---	---	---	---	---	---
	5240	21.830	---	---	---	---	---	---	---
Mode 13	5180	23.060	22.980	22.960	23.000	23.210	22.940	23.100	27.420
	5200	23.280	23.250	22.490	23.130	22.820	23.410	23.440	27.000
	5240	23.360	23.000	23.010	23.140	22.990	23.380	23.760	25.750
Mode 14	5190	44.010	43.330	43.620	43.950	43.580	43.640	43.400	43.870
	5230	43.960	43.410	43.730	43.800	43.680	43.210	44.240	43.960
Mode 15	5210	85.170	85.650	85.530	85.190	84.870	85.050	85.110	83.890
Mode 16	5180	23.090	23.000	23.330	23.320	23.070	22.870	23.060	26.220
	5200	22.670	22.910	22.810	22.970	22.900	23.040	22.950	23.780
	5240	23.230	22.560	23.040	23.060	22.800	22.980	22.790	23.000
Mode 17	5190	44.480	44.370	44.180	44.600	45.040	43.730	44.310	44.540
	5230	44.170	43.750	45.100	44.690	44.850	44.490	44.850	50.790
Mode 18	5210	84.700	85.150	83.420	84.020	84.650	84.090	84.320	83.670

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

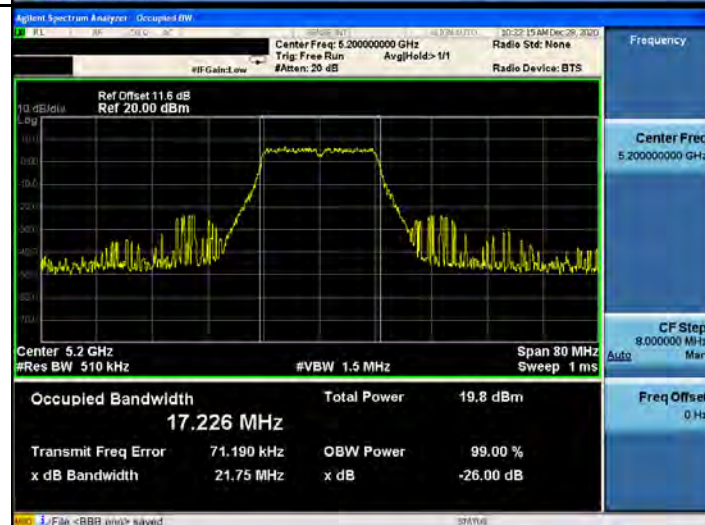
B Chip

Mode 10: IEEE 802.11a Continuous TX Mode_ ANT-0

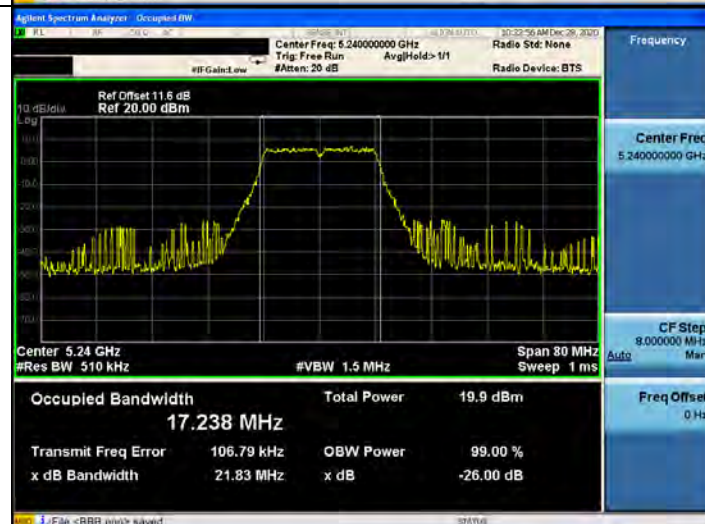
5180 MHz

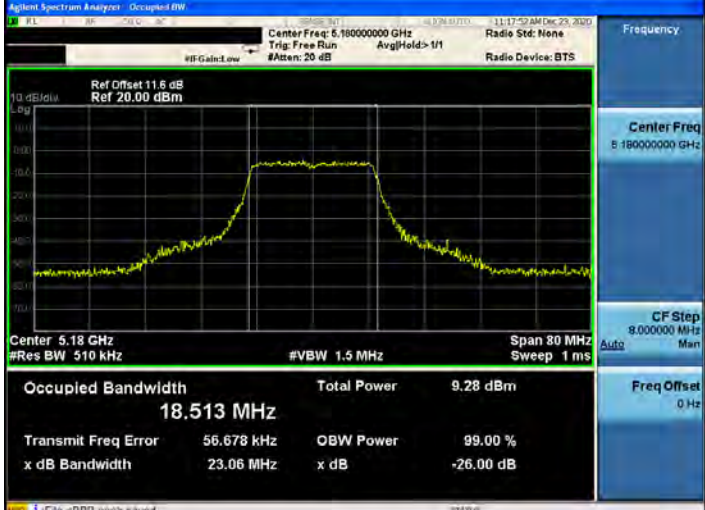
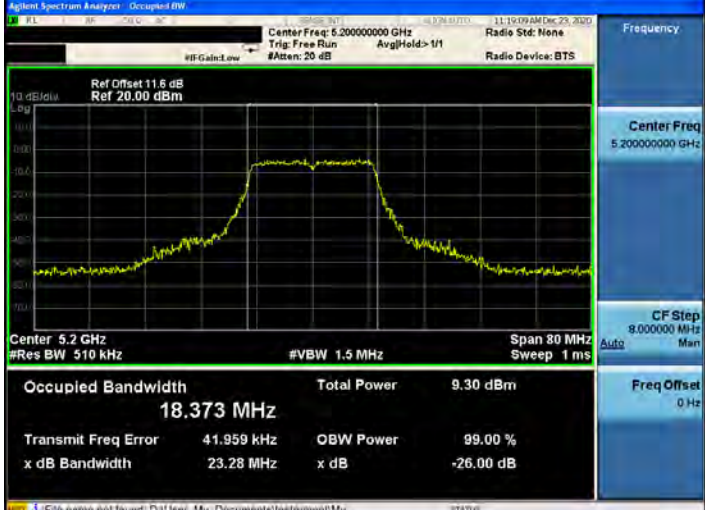
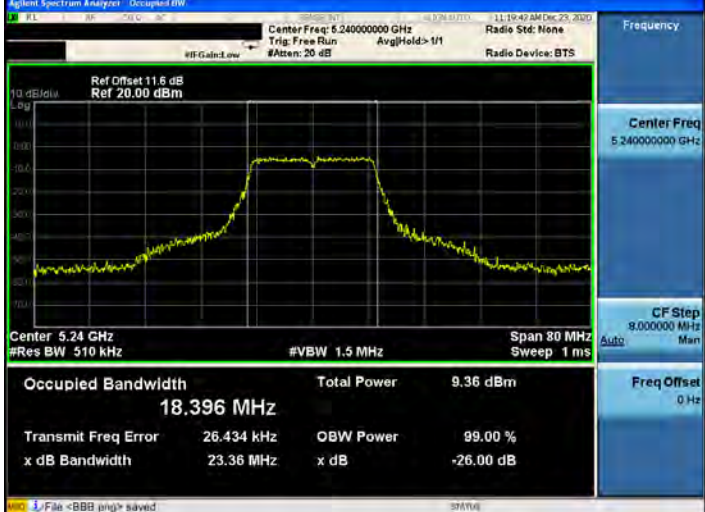


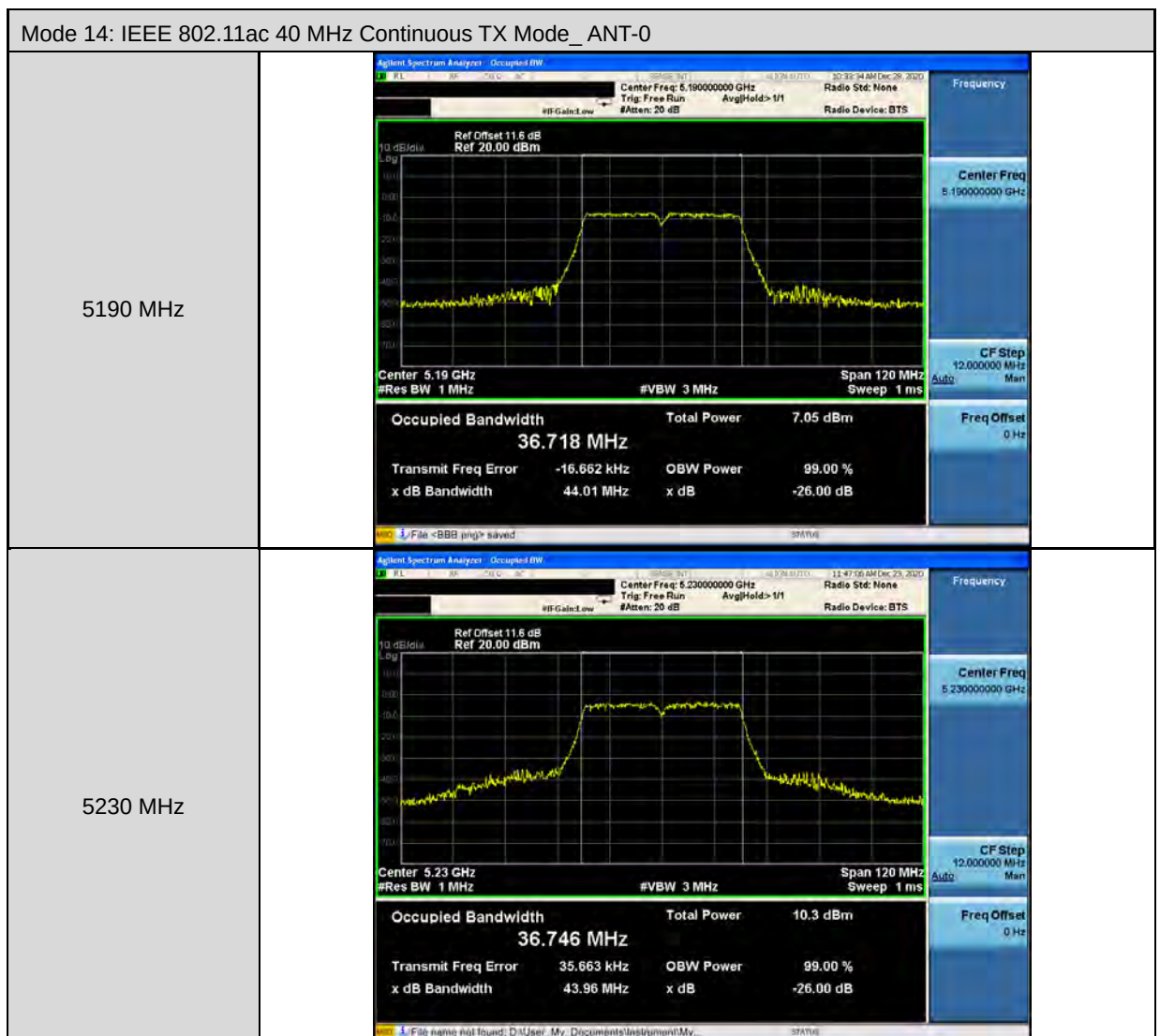
5200 MHz

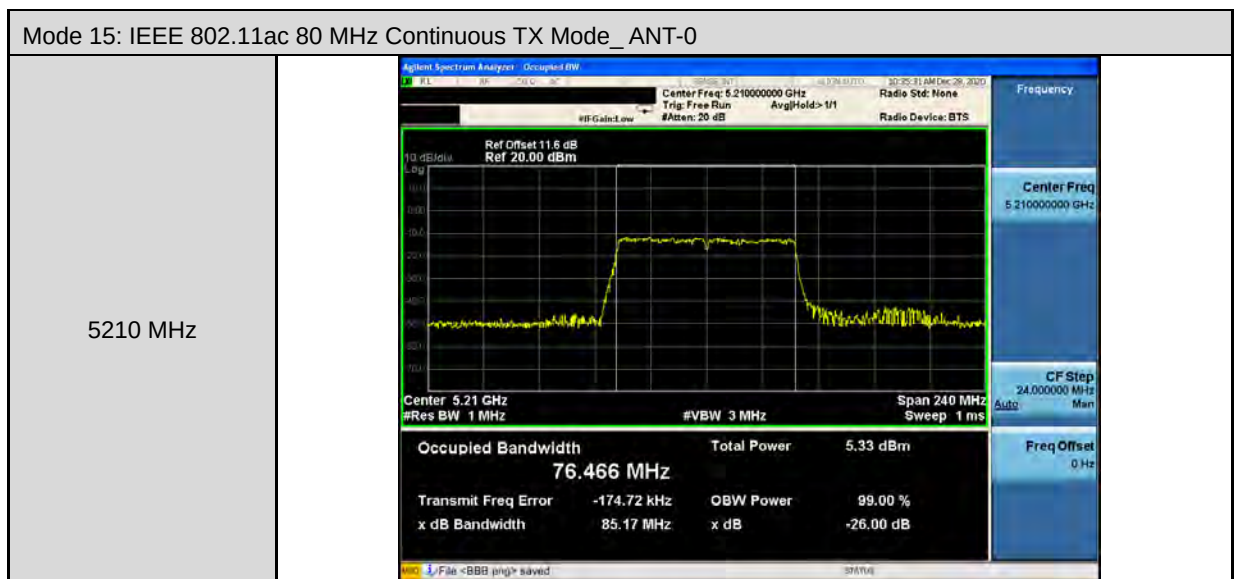


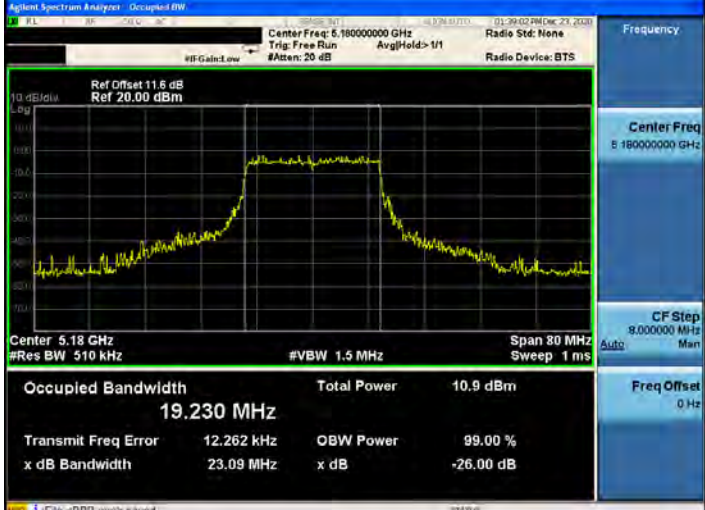
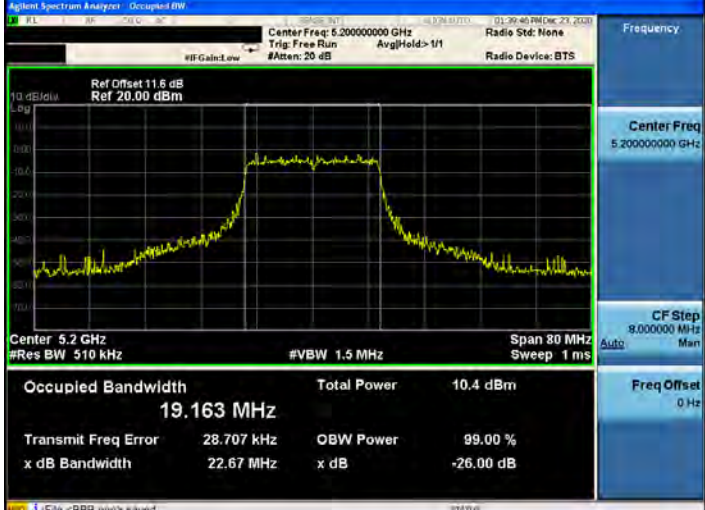
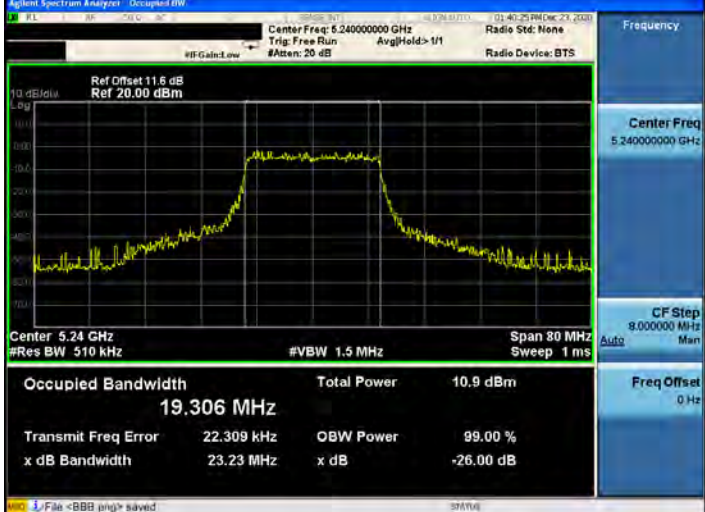
5240 MHz

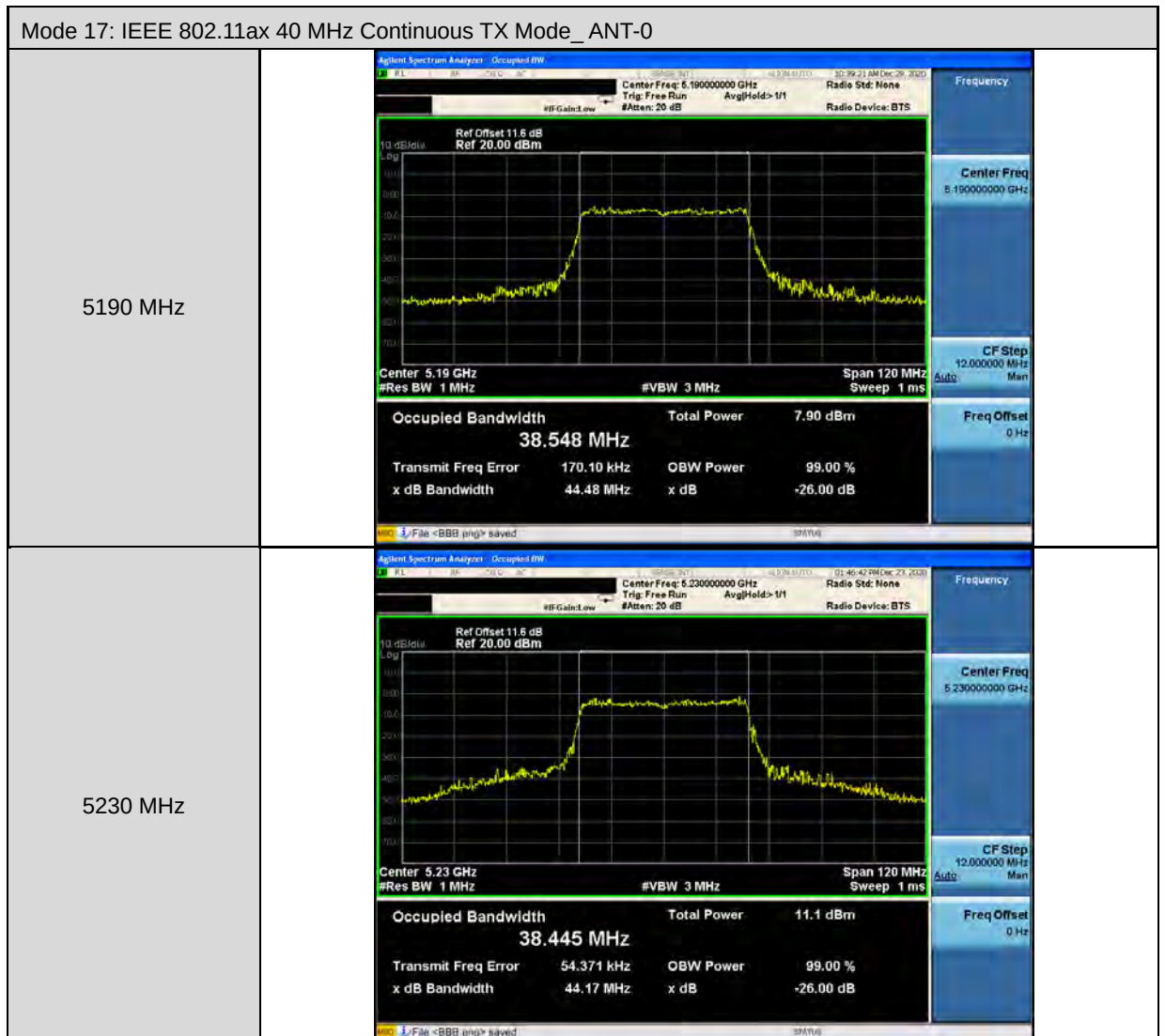


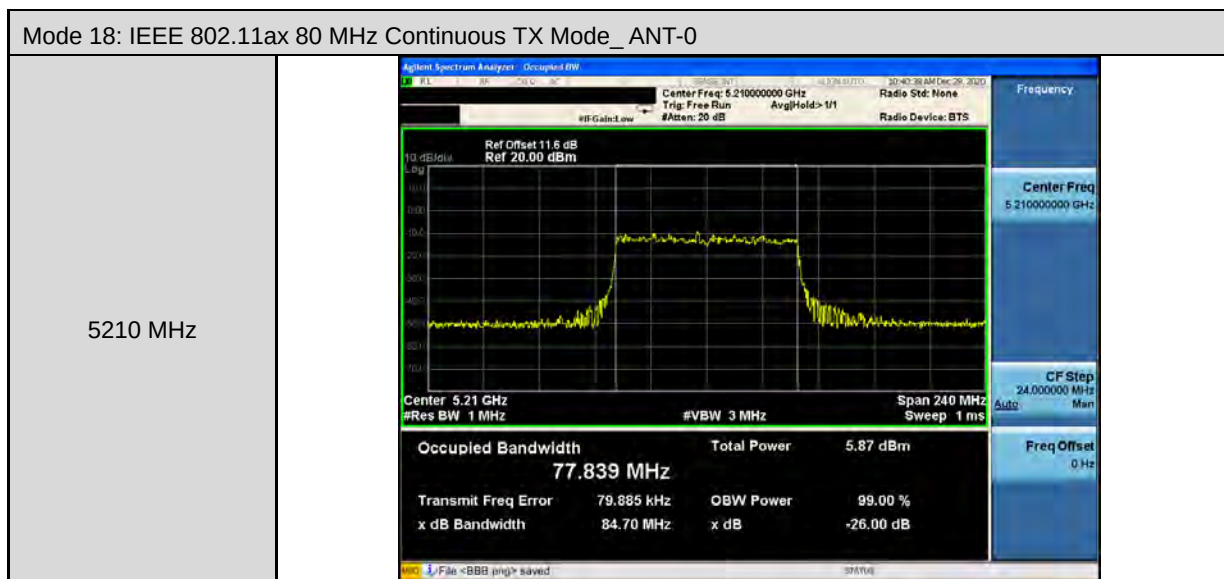
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-0		
5180 MHz		
5200 MHz		
5240 MHz		

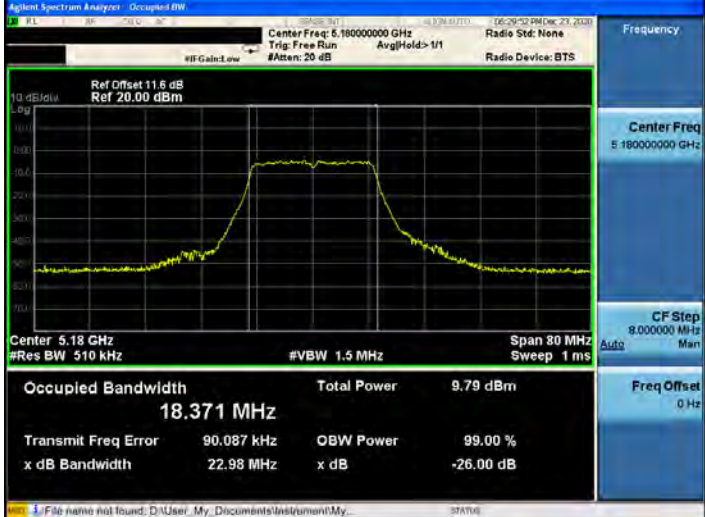


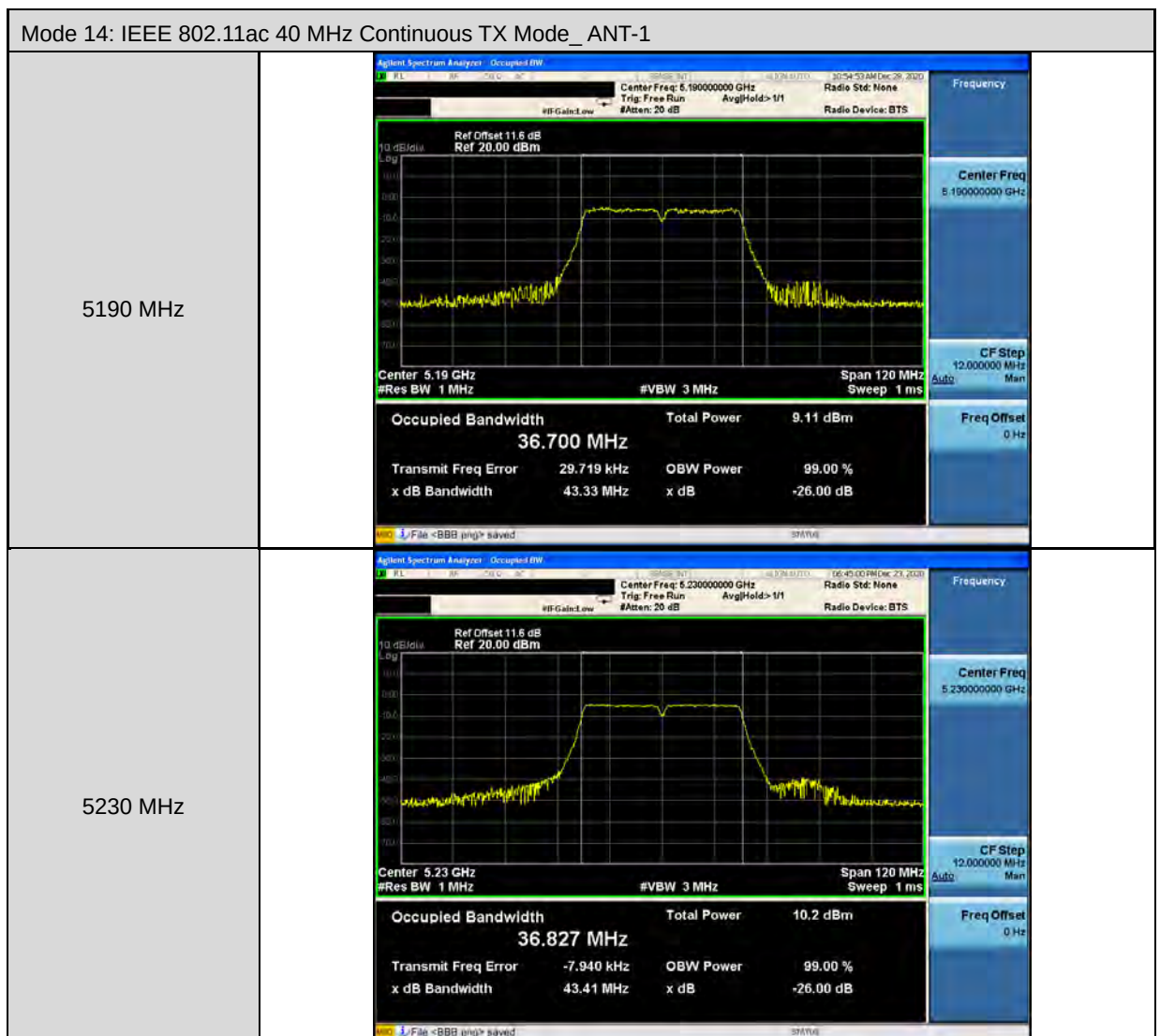


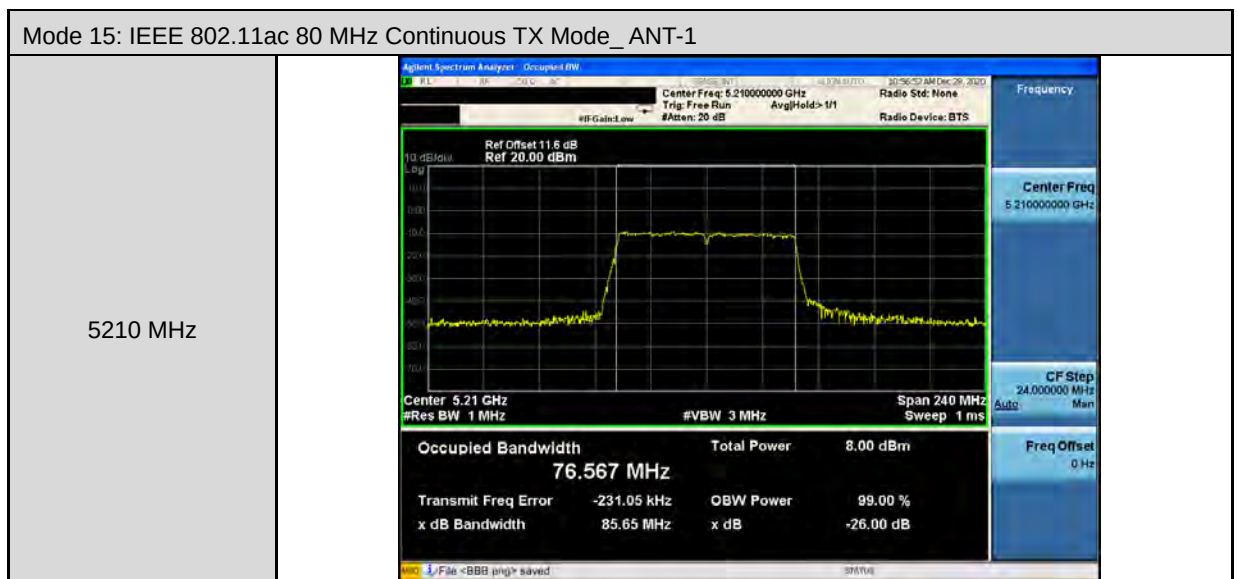
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-0			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Att: 20 dB Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.230 MHz Total Power 10.9 dBm Transmit Freq Error 12.262 kHz OBW Power 99.00 % x dB Bandwidth 23.09 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Att: 20 dB Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.163 MHz Total Power 10.4 dBm Transmit Freq Error 28.707 kHz OBW Power 99.00 % x dB Bandwidth 22.67 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Att: 20 dB Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.306 MHz Total Power 10.9 dBm Transmit Freq Error 22.309 kHz OBW Power 99.00 % x dB Bandwidth 23.23 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

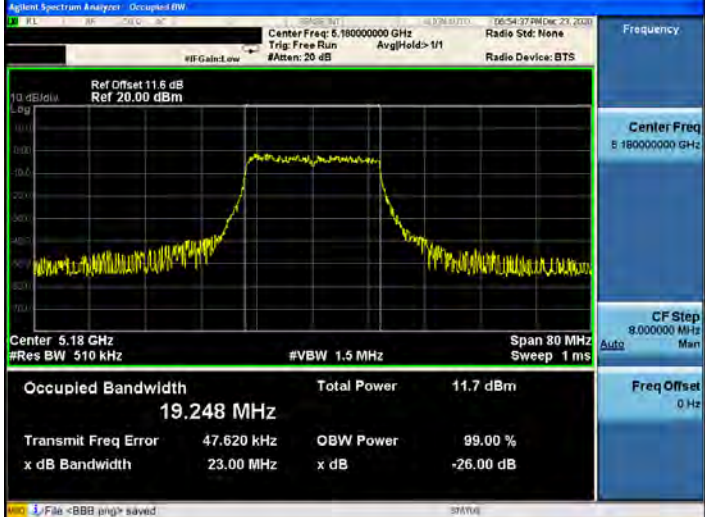
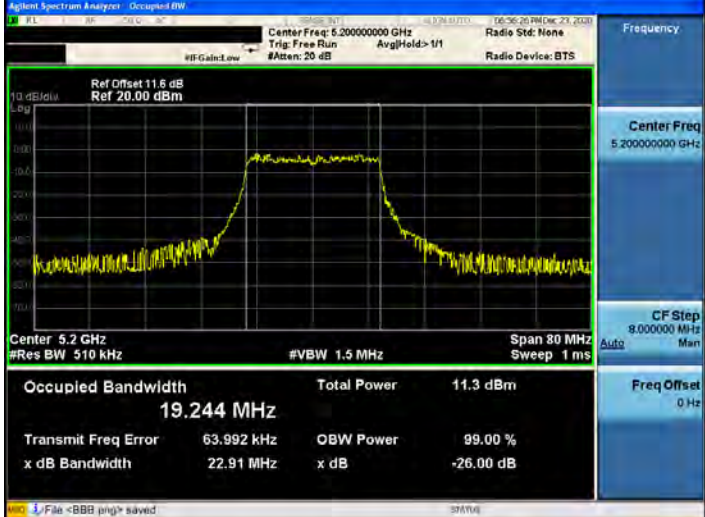


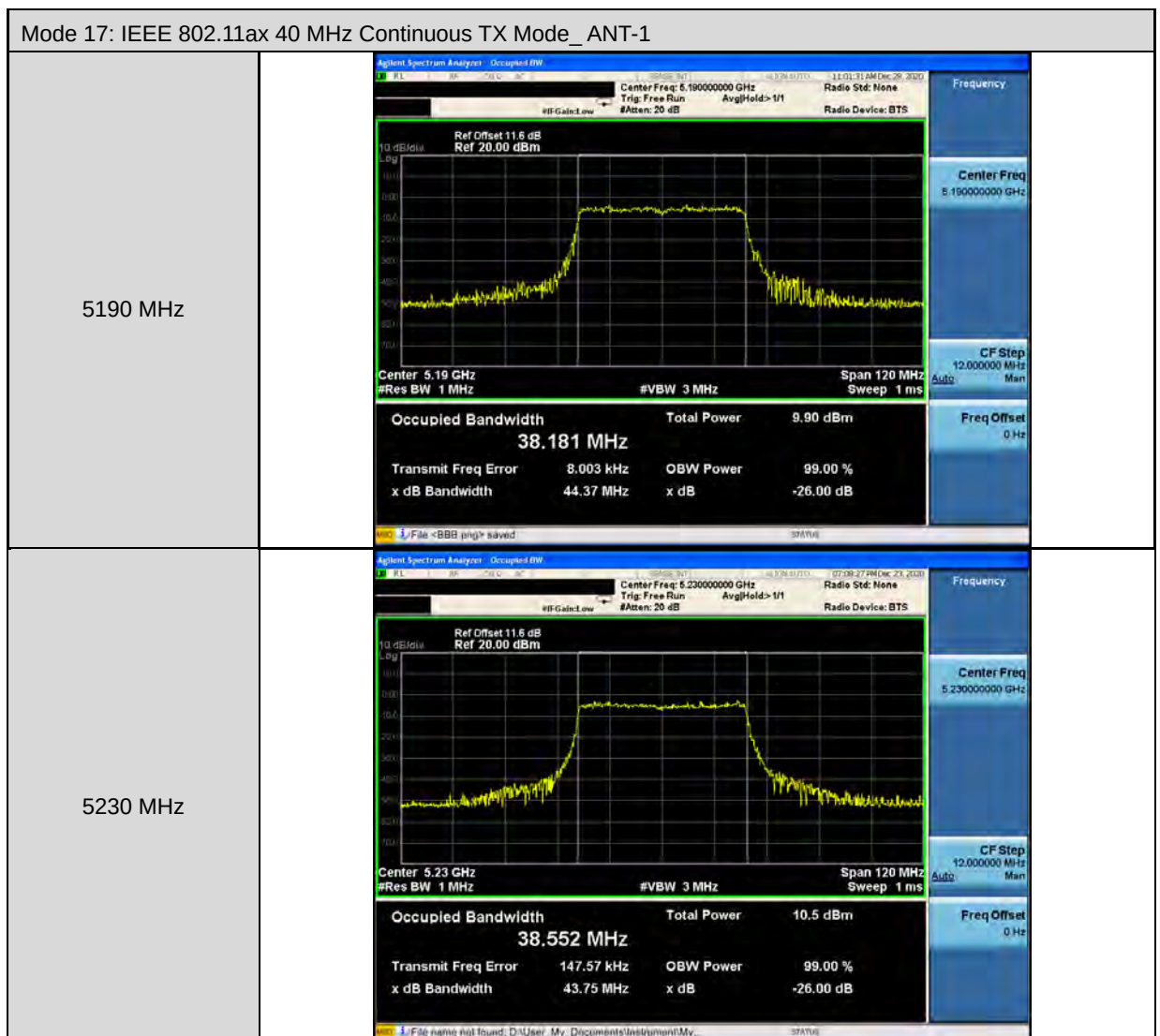


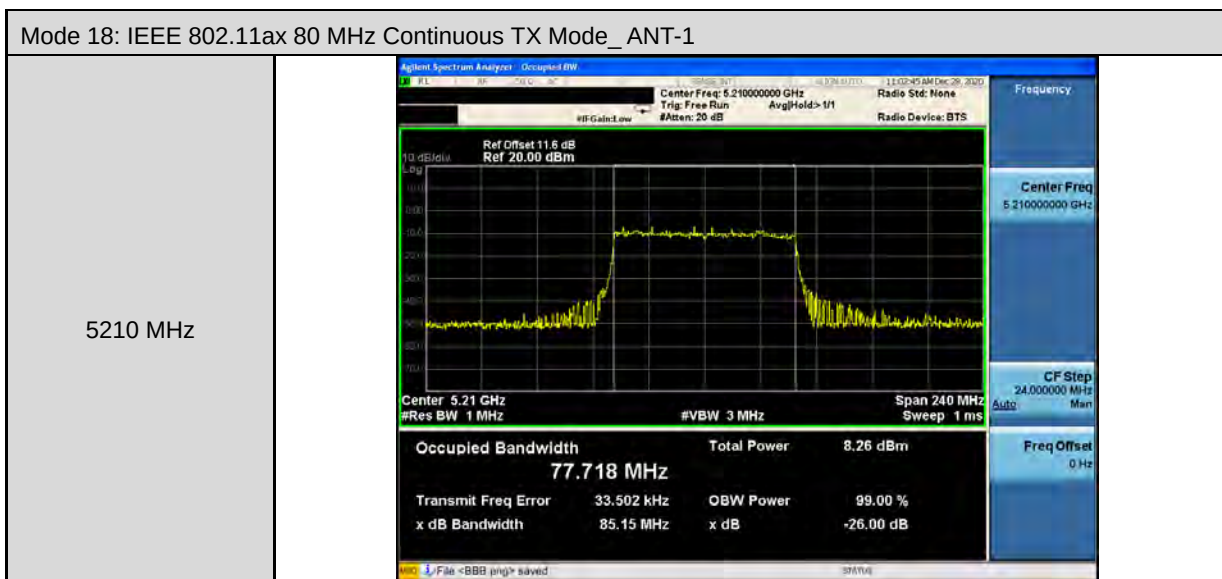
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-1		
5180 MHz		Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Freq Offset 0 Hz
5200 MHz		Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Freq Offset 0 Hz
5240 MHz		Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Freq Offset 0 Hz

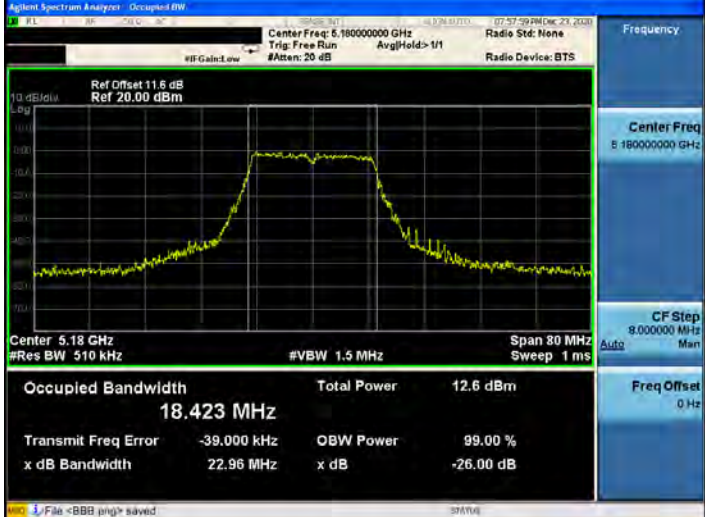
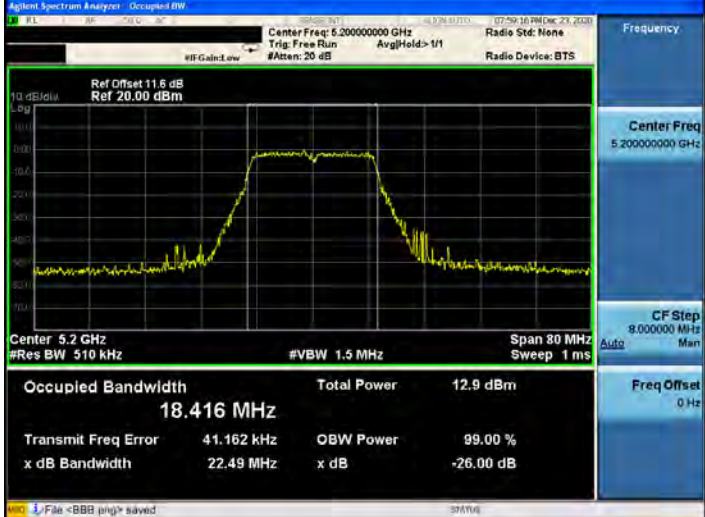
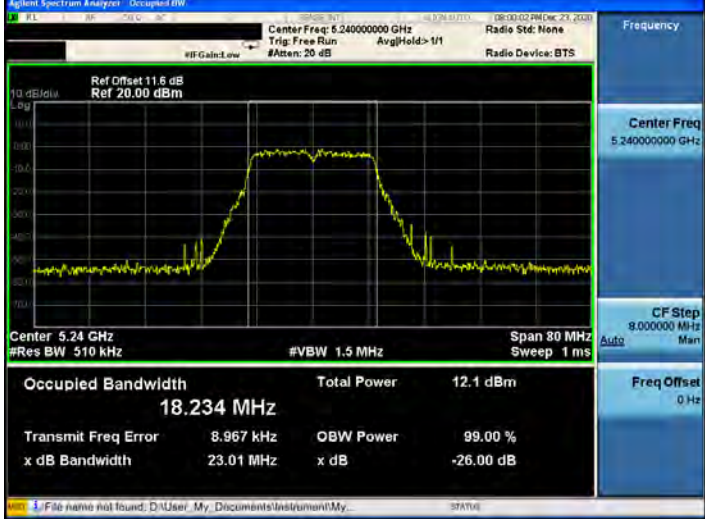


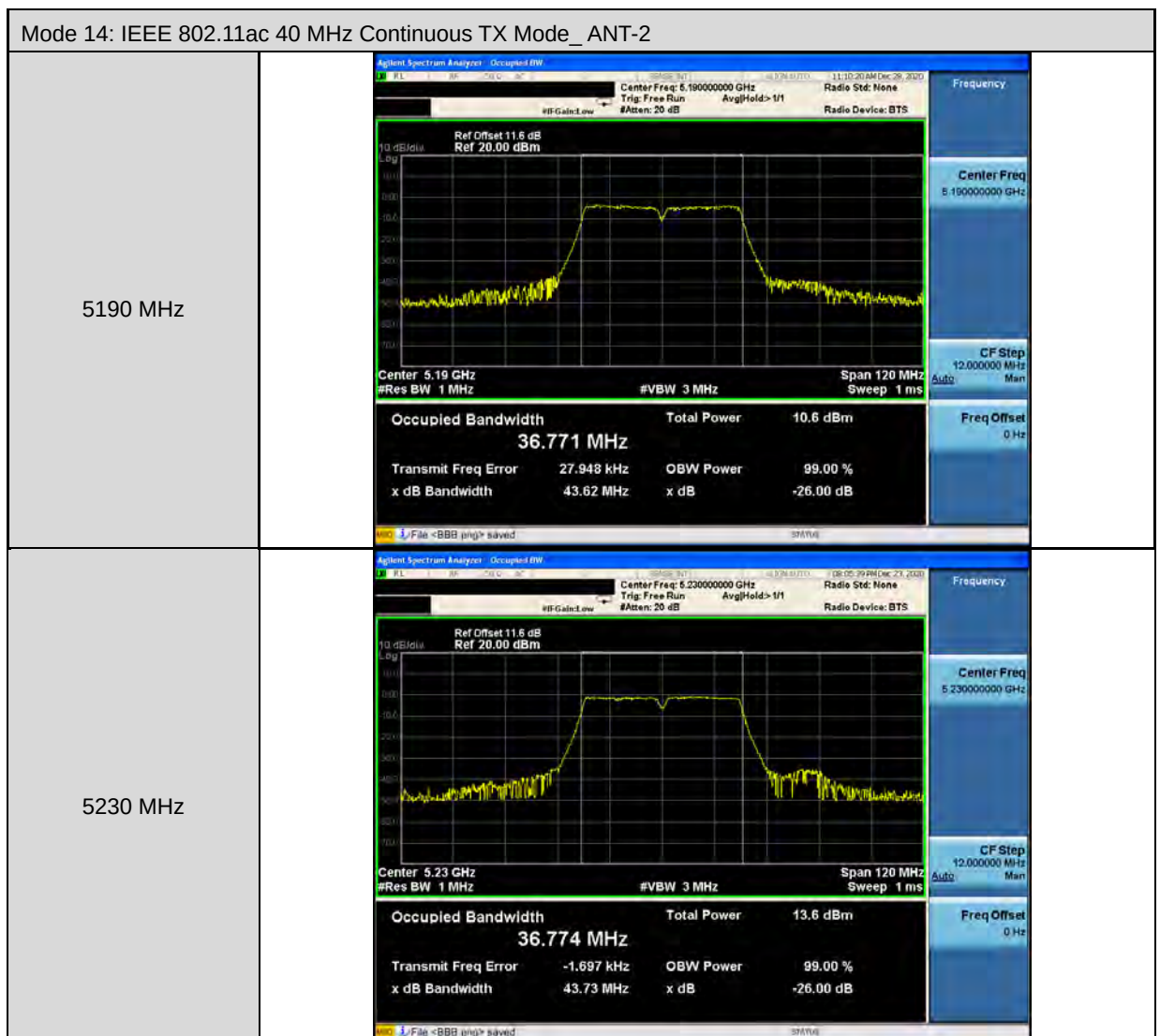


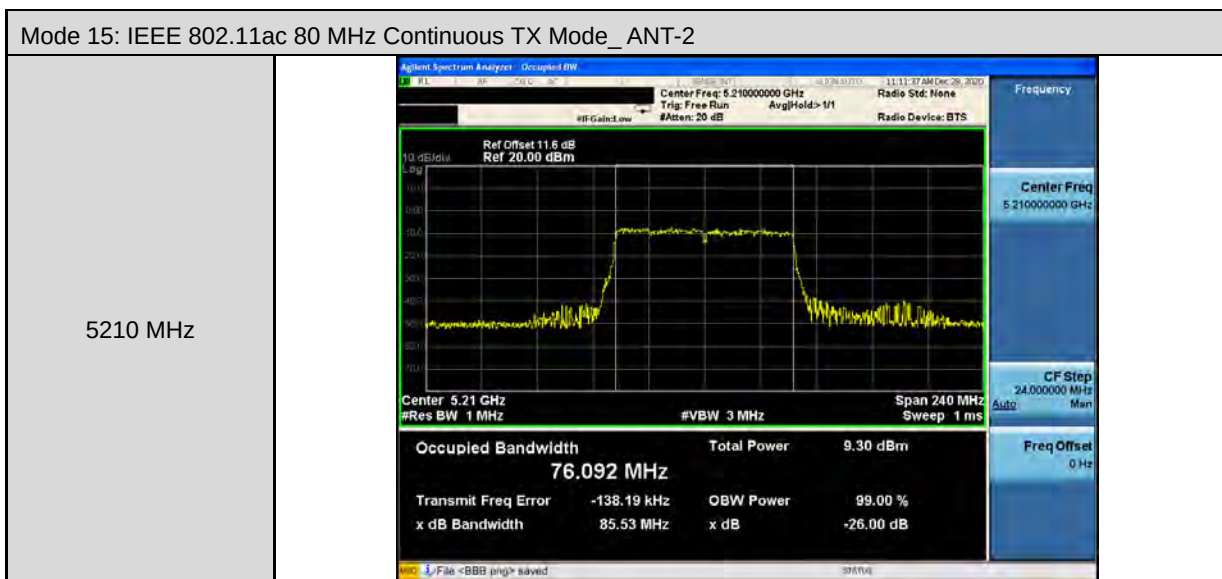
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-1		
5180 MHz		
5200 MHz		
5240 MHz		

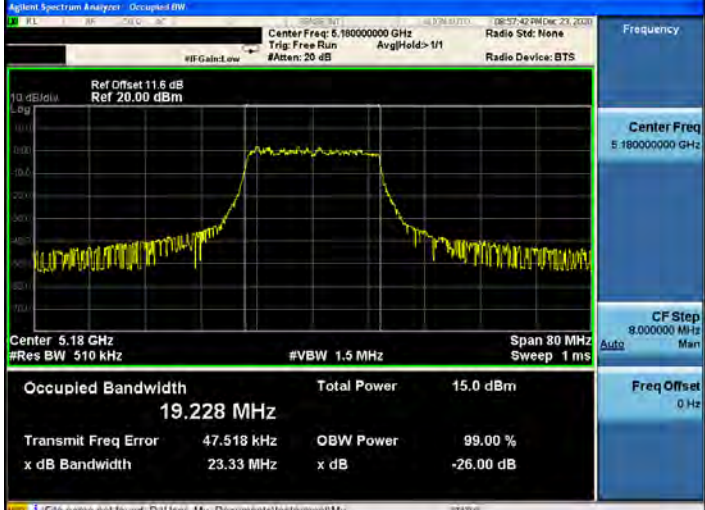
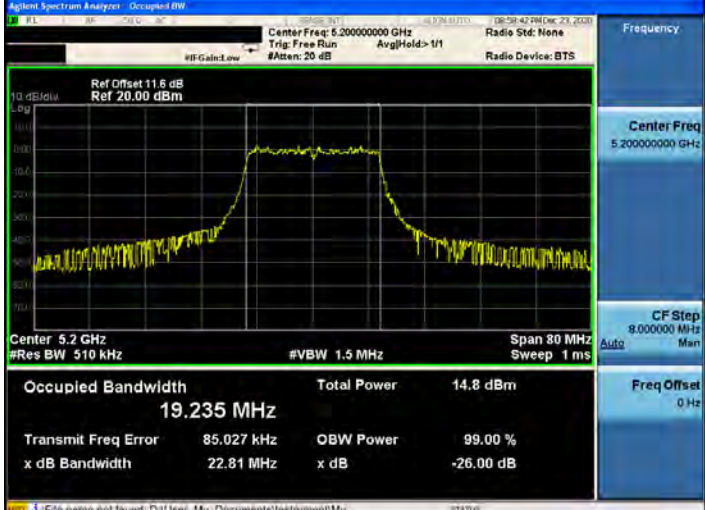


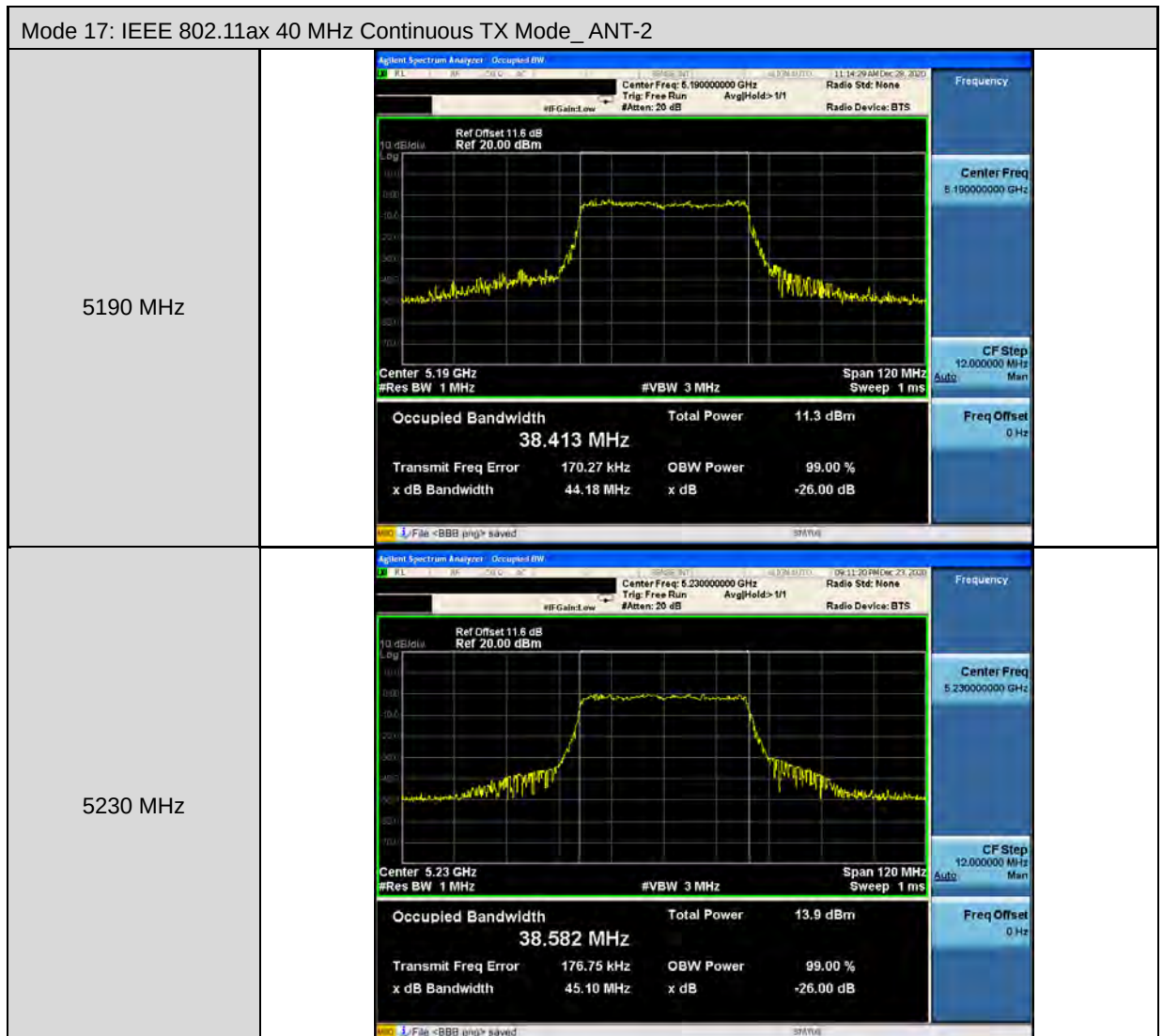


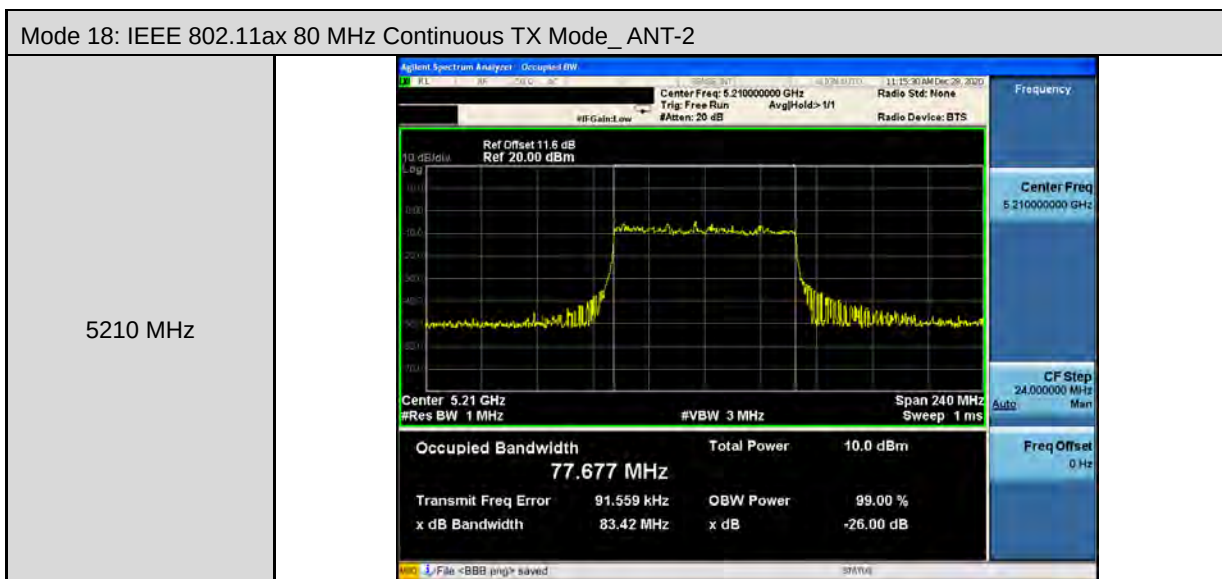
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-2		
5180 MHz		
5200 MHz		
5240 MHz		

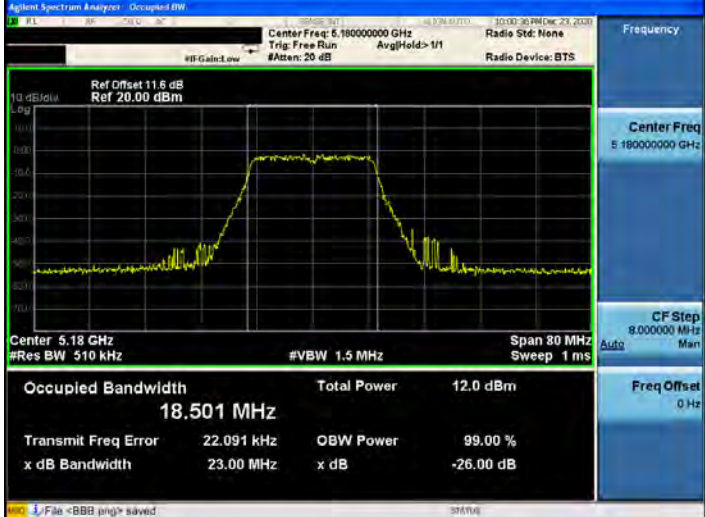
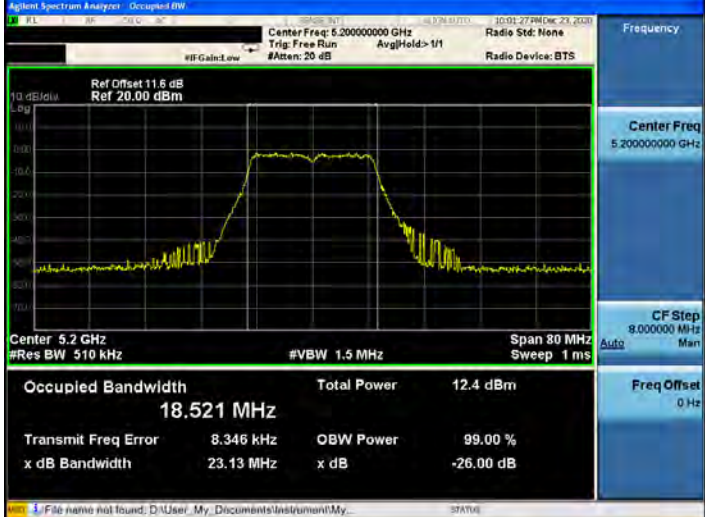
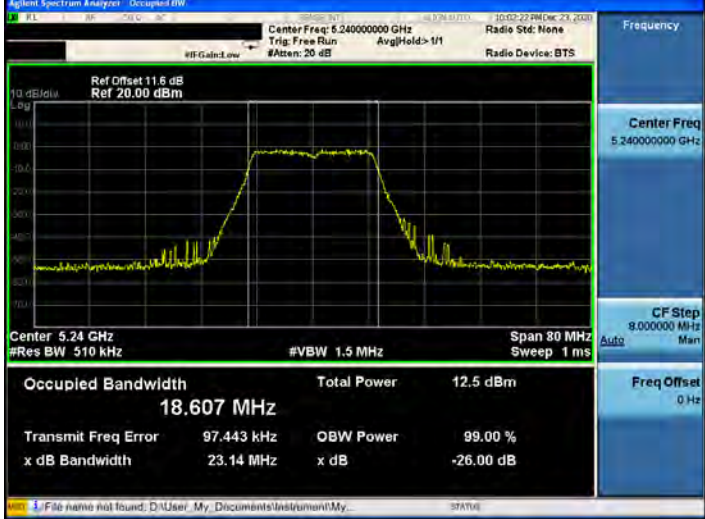


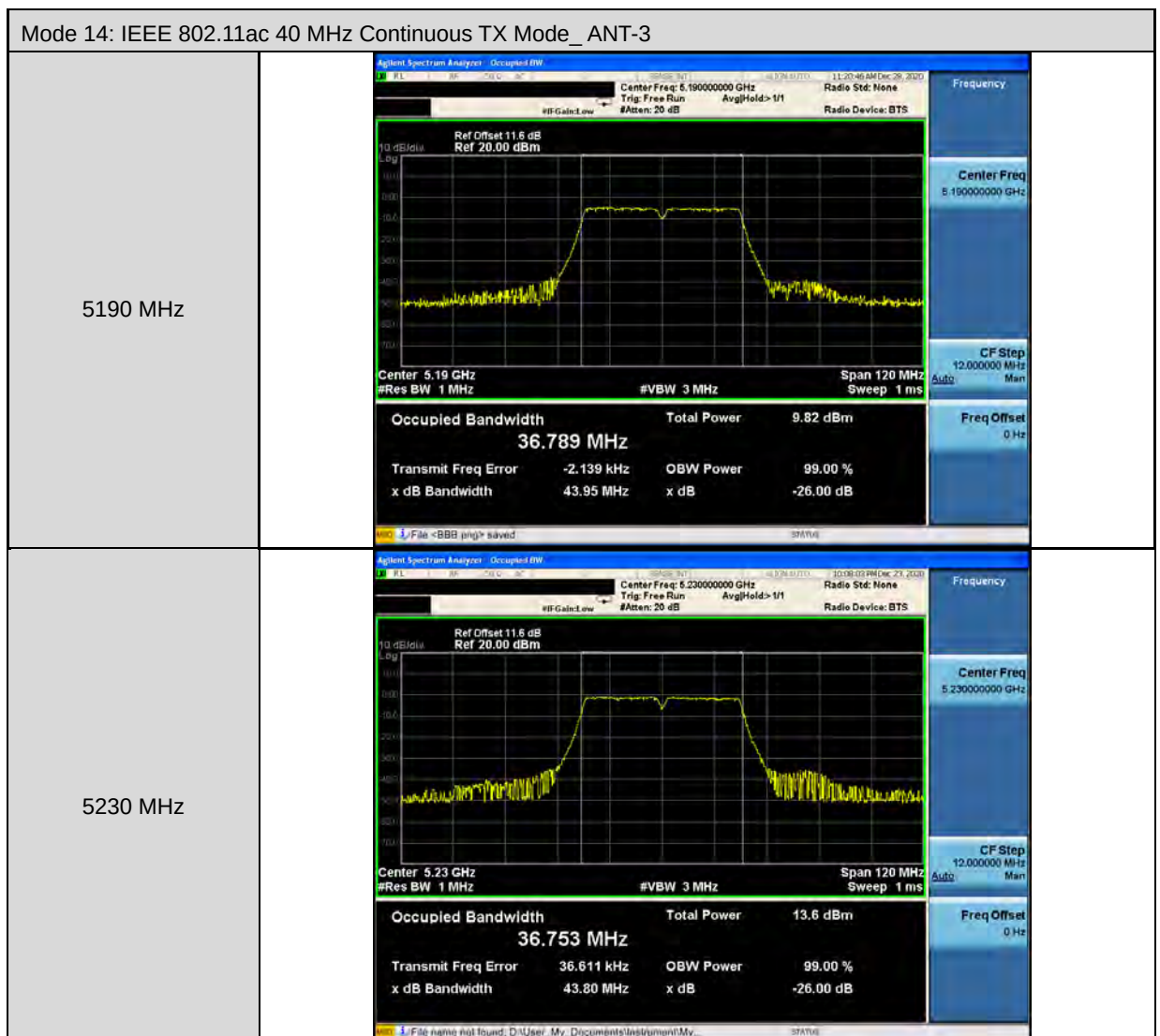


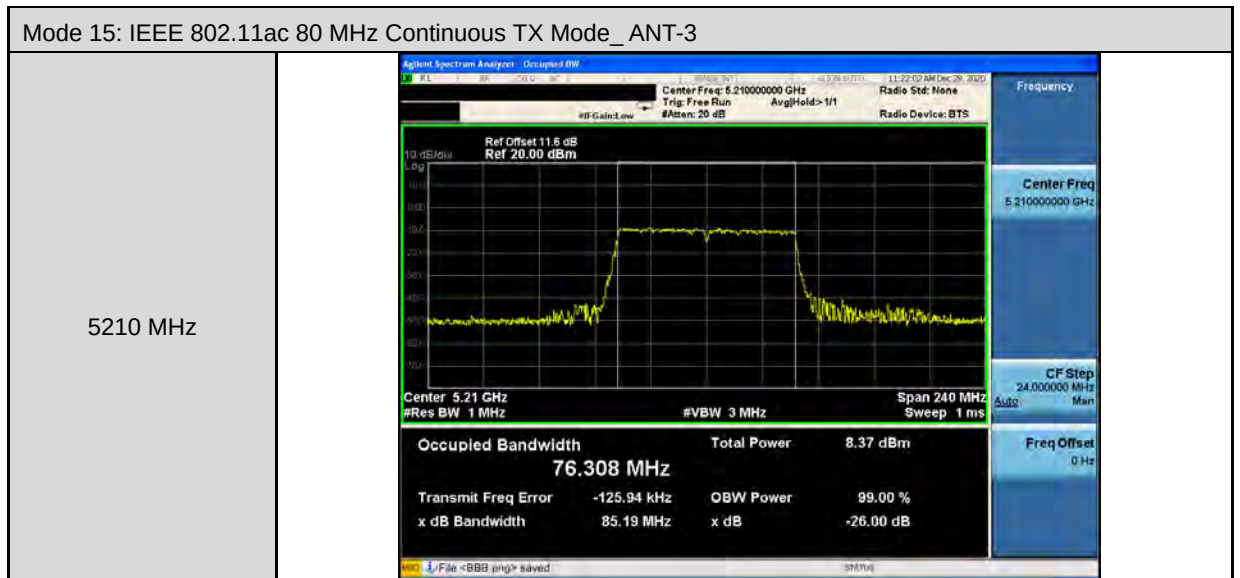
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-2			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.228 MHz Total Power 15.0 dBm Transmit Freq Error 47.518 kHz OBW Power 99.00 % x dB Bandwidth 23.33 MHz x dB -26.00 dB File name not found: D:\User_My_Documents\Instrument\My_... STATUS	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.235 MHz Total Power 14.8 dBm Transmit Freq Error 85.027 kHz OBW Power 99.00 % x dB Bandwidth 22.81 MHz x dB -26.00 dB File name not found: D:\User_My_Documents\Instrument\My_... STATUS	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.193 MHz Total Power 14.6 dBm Transmit Freq Error 83.684 kHz OBW Power 99.00 % x dB Bandwidth 23.04 MHz x dB -26.00 dB File <BBB.png> saved STATUS	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

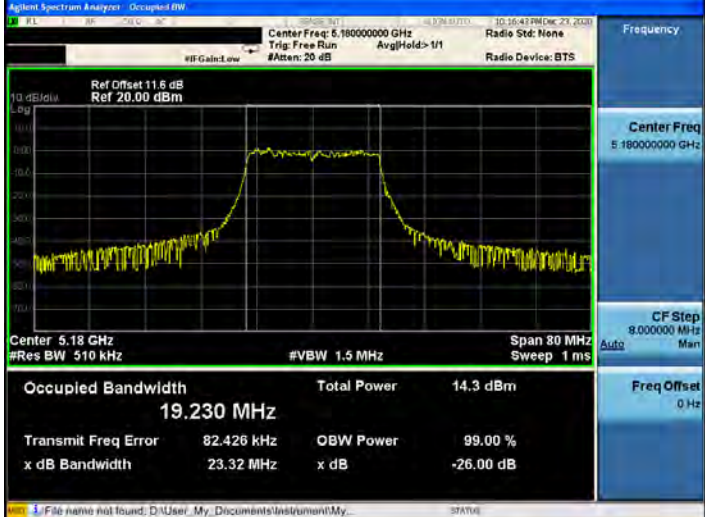
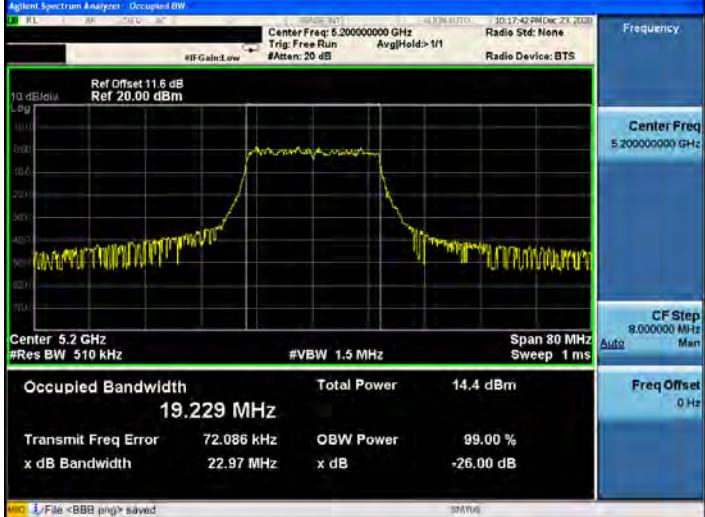


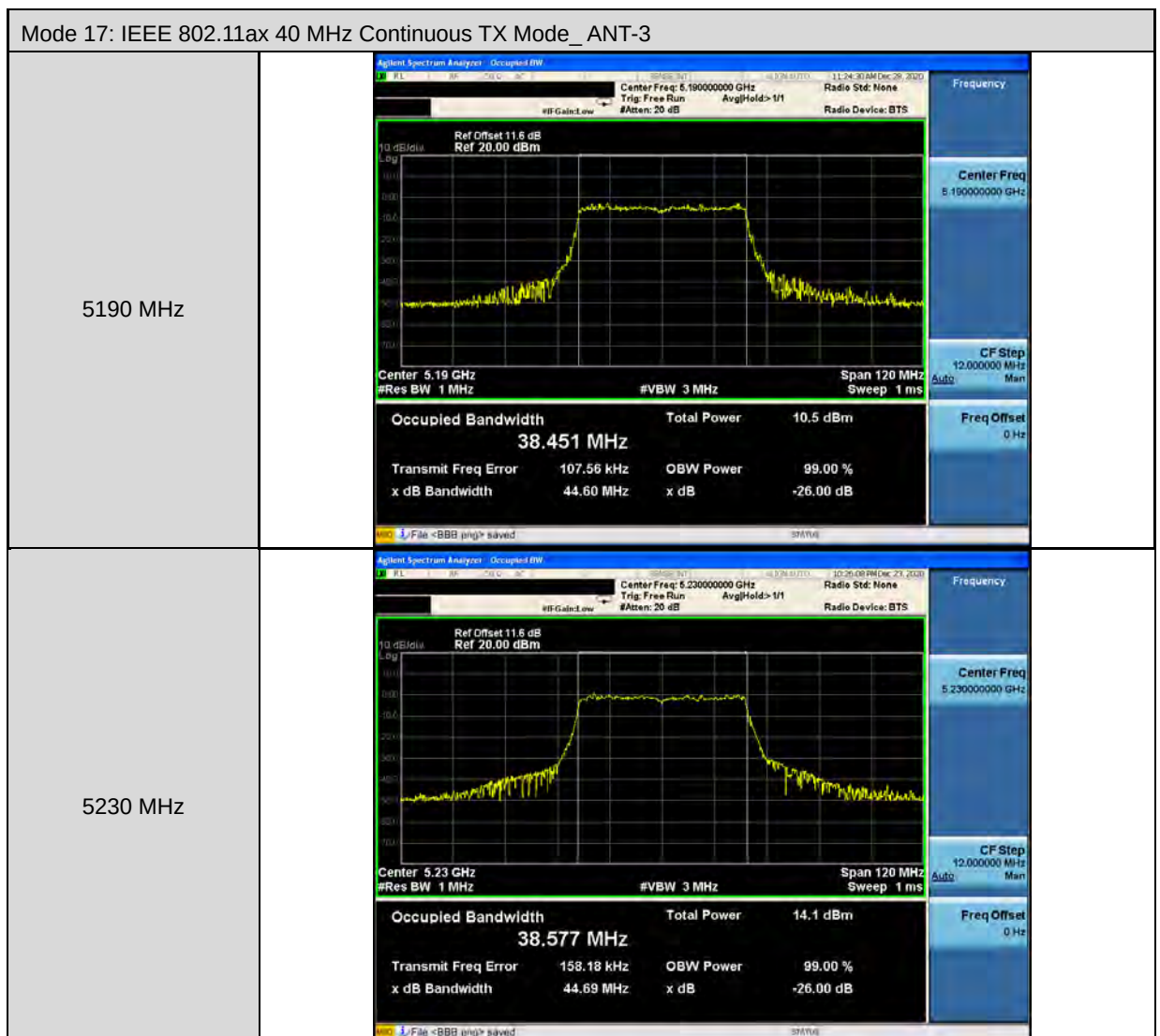


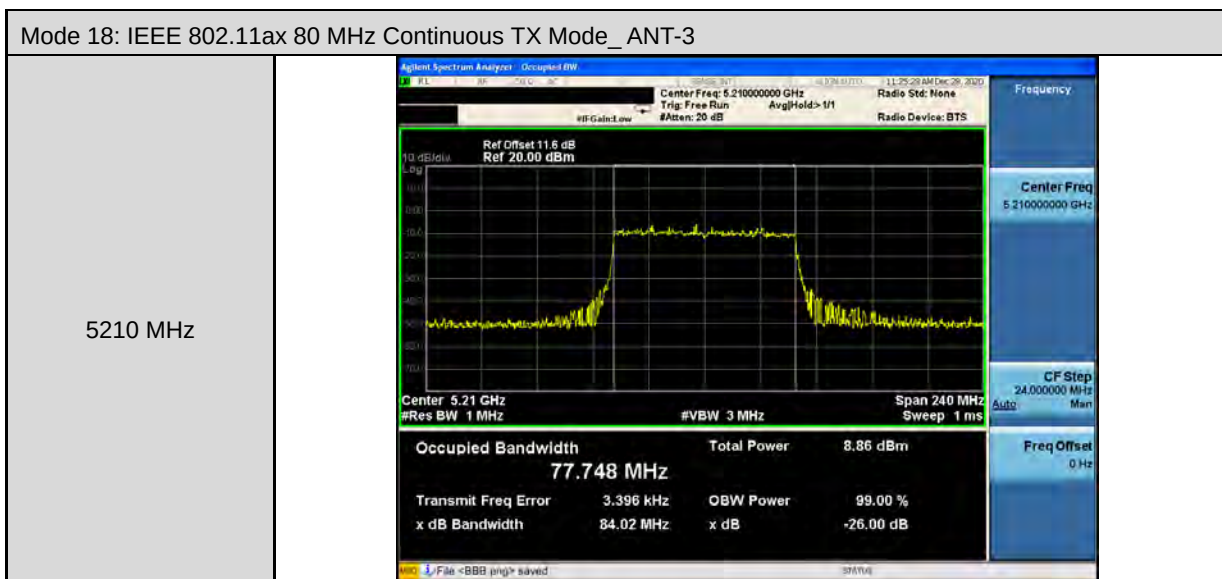
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-3		
5180 MHz		
5200 MHz		
5240 MHz		





Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-3			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.230 MHz Total Power 14.3 dBm Transmit Freq Error 82.426 kHz OBW Power 99.00 % x dB Bandwidth 23.32 MHz x dB -26.00 dB File name not found: D:\User_My_Documents\test\instrumentMy...	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.229 MHz Total Power 14.4 dBm Transmit Freq Error 72.086 kHz OBW Power 99.00 % x dB Bandwidth 22.97 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.256 MHz Total Power 14.6 dBm Transmit Freq Error 71.700 kHz OBW Power 99.00 % x dB Bandwidth 23.06 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

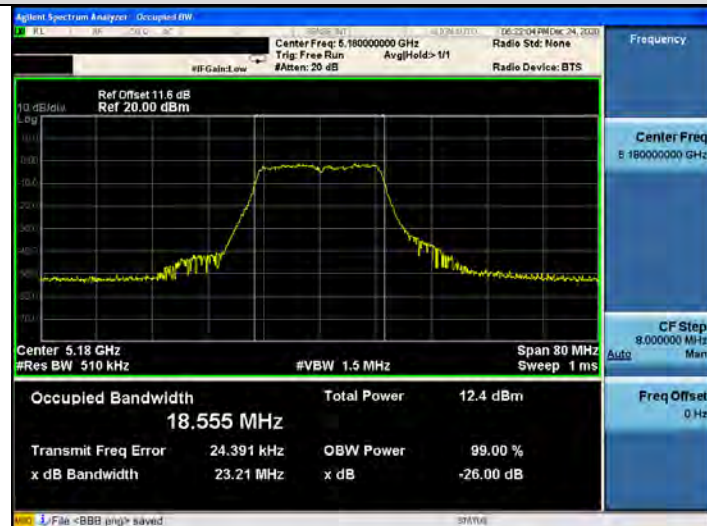




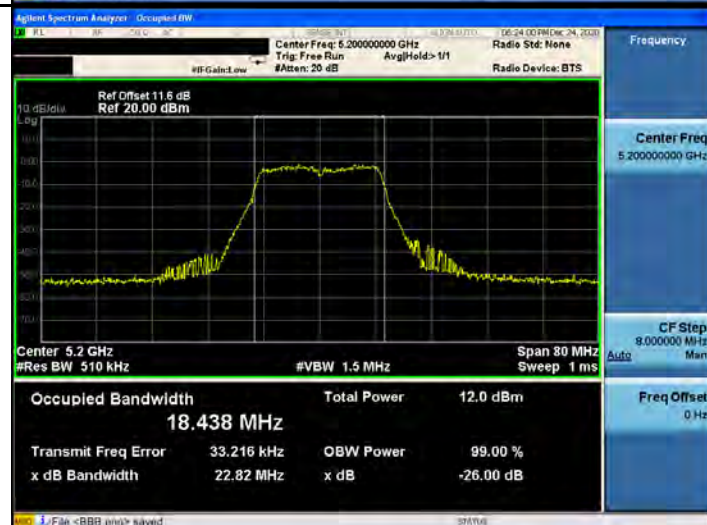
C Chip

Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-4

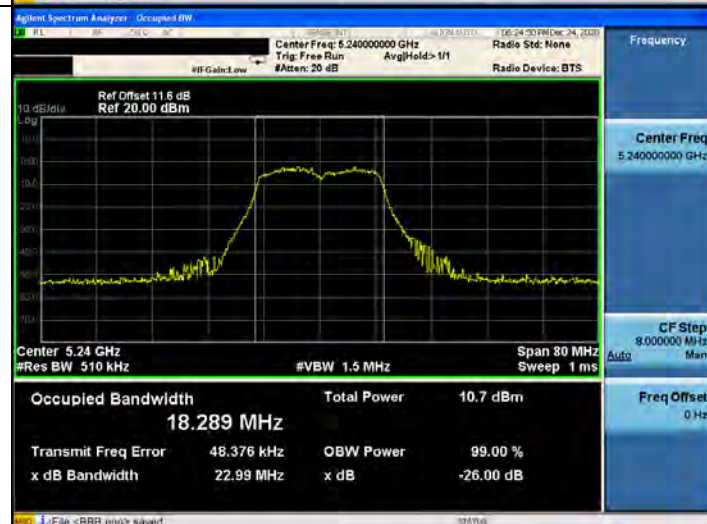
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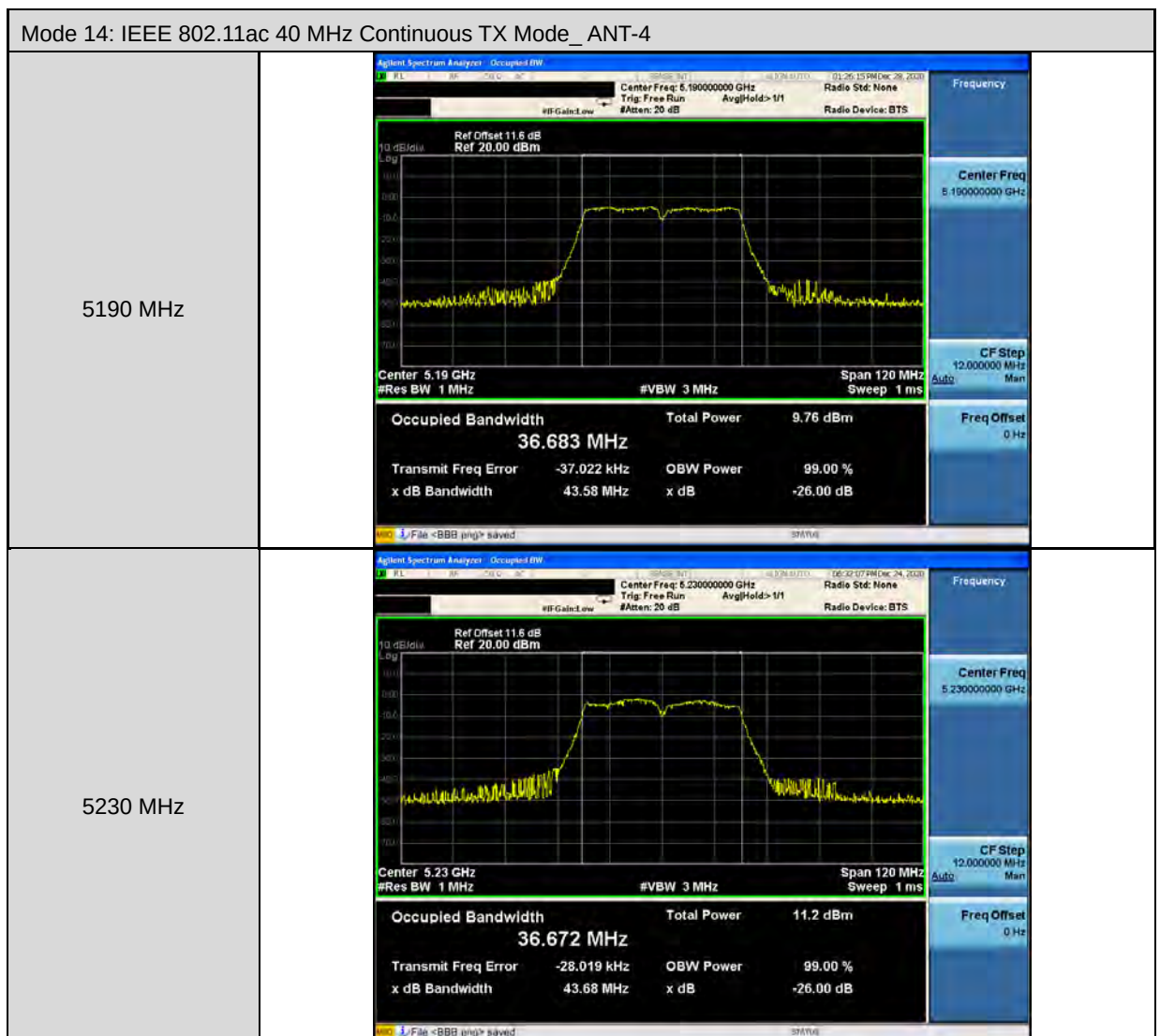


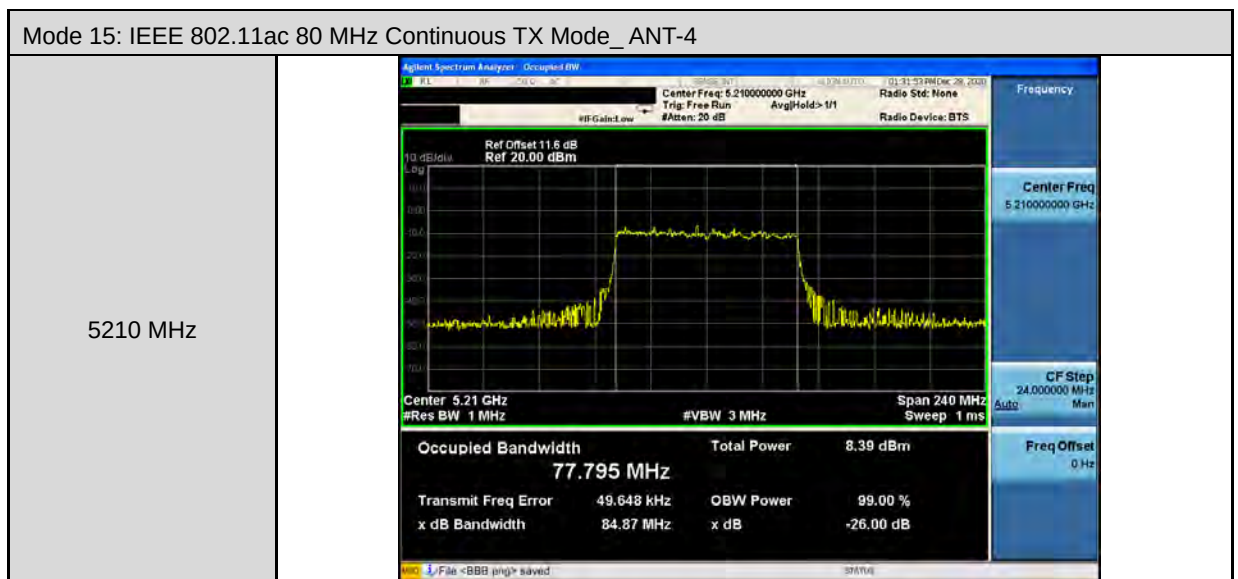
5200 MHz

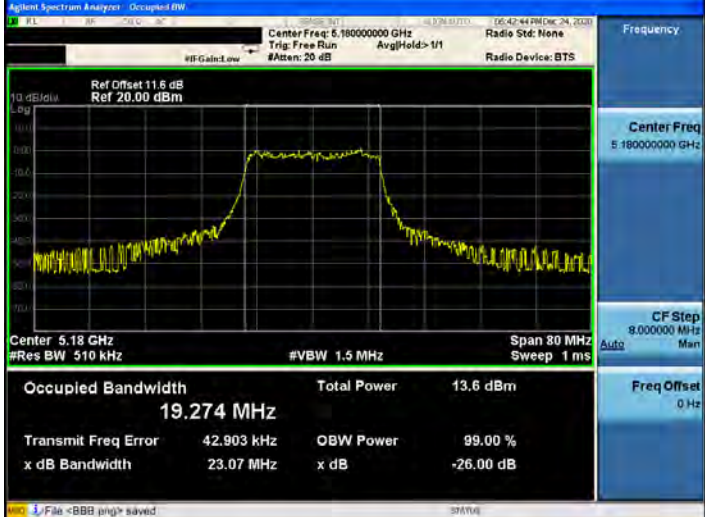
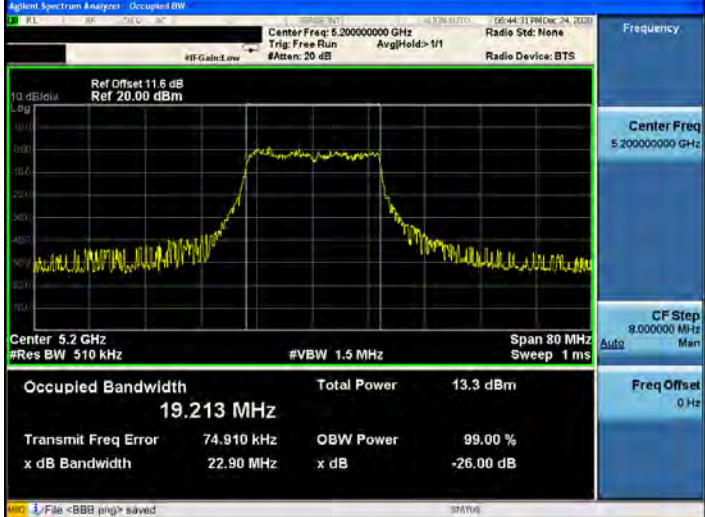


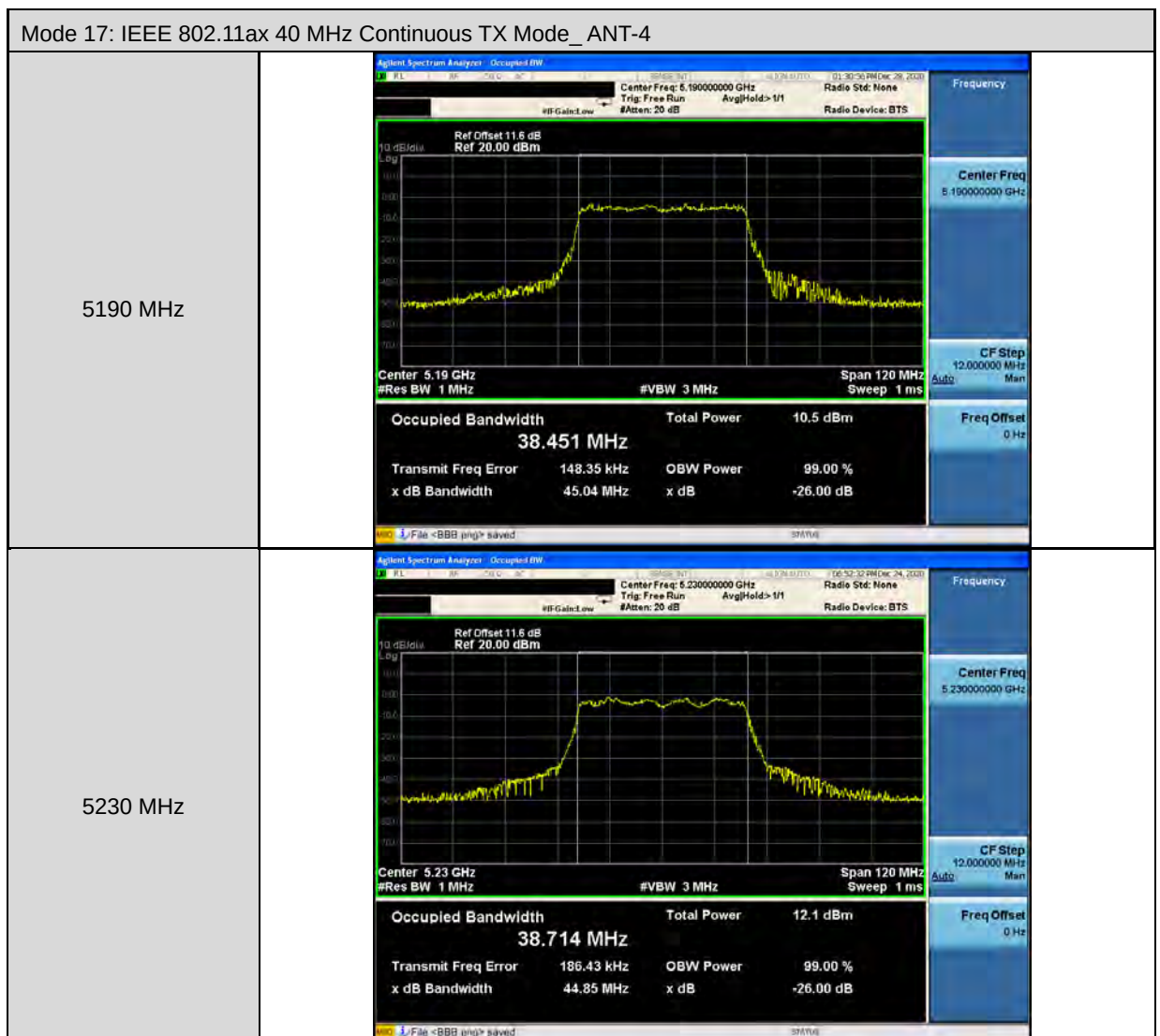
5240 MHz

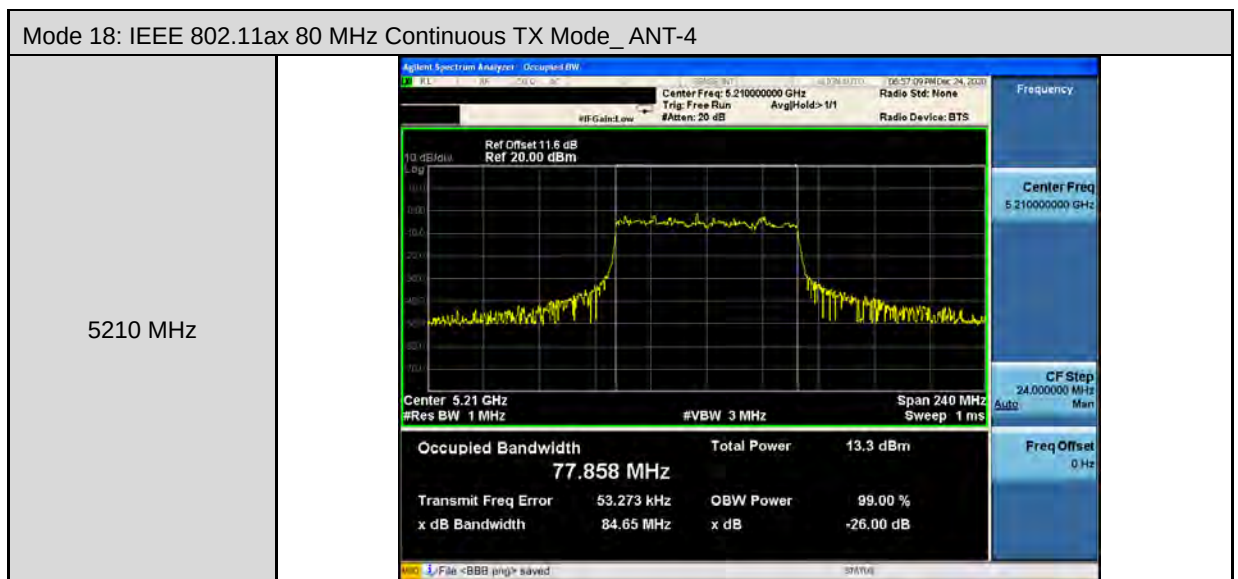


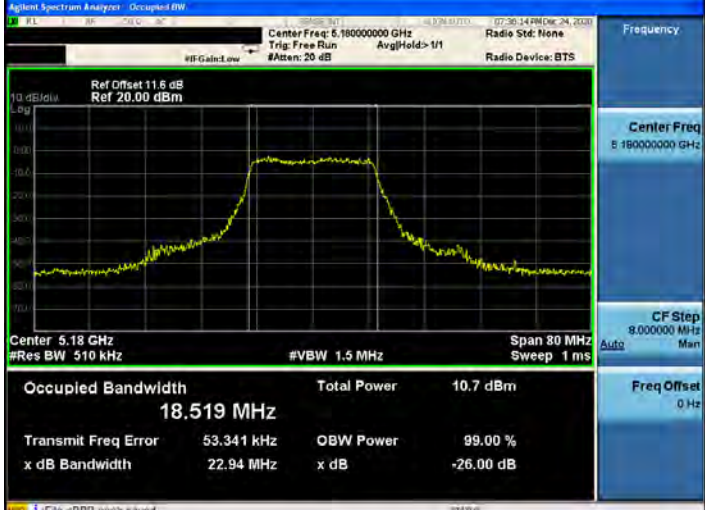
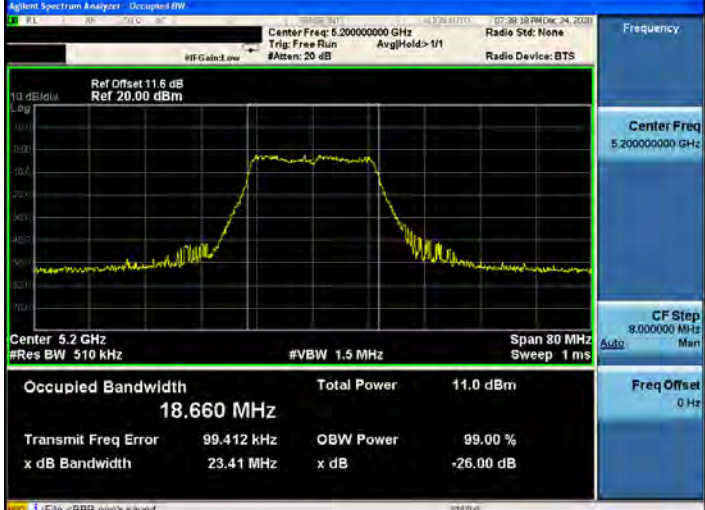


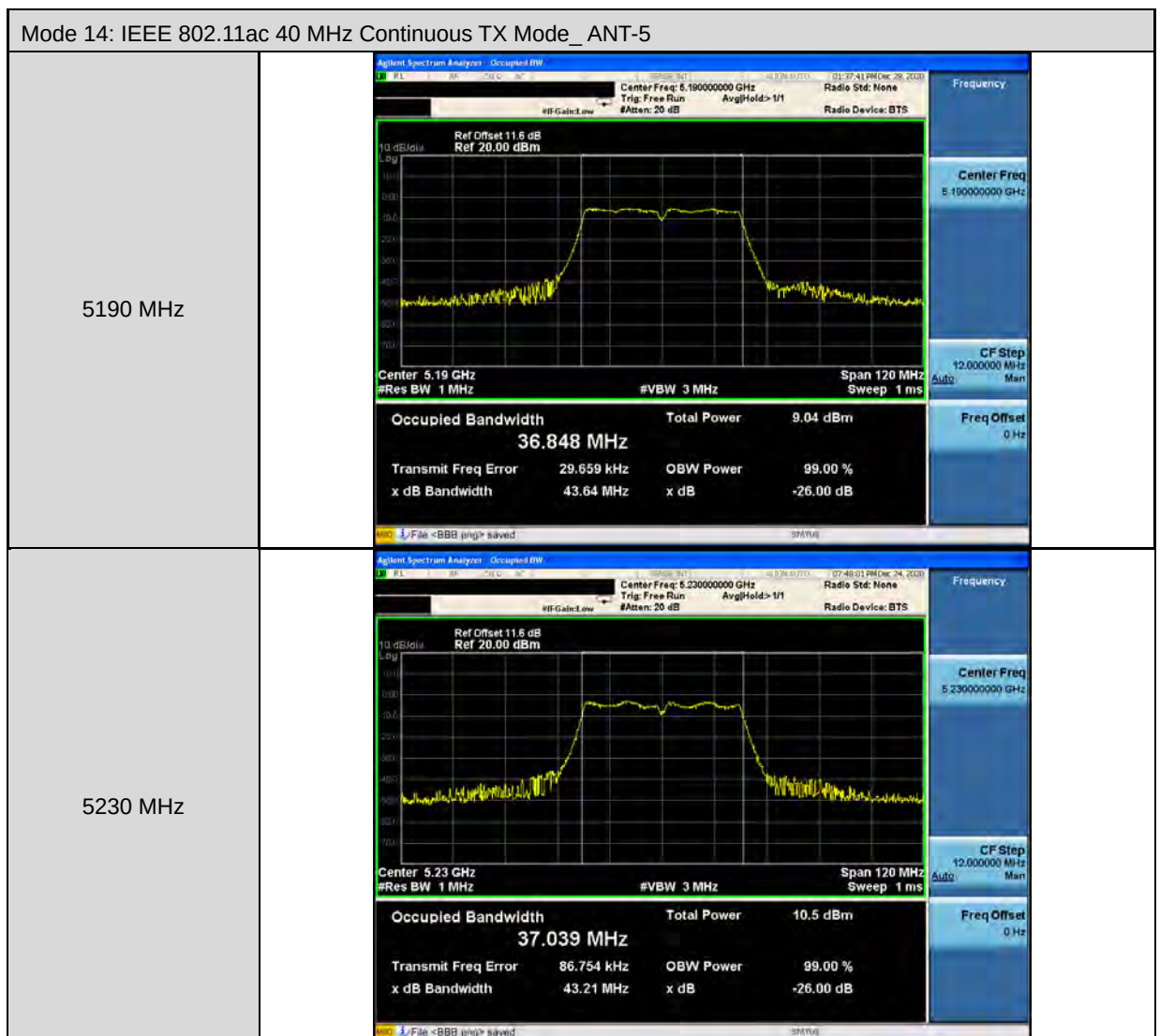


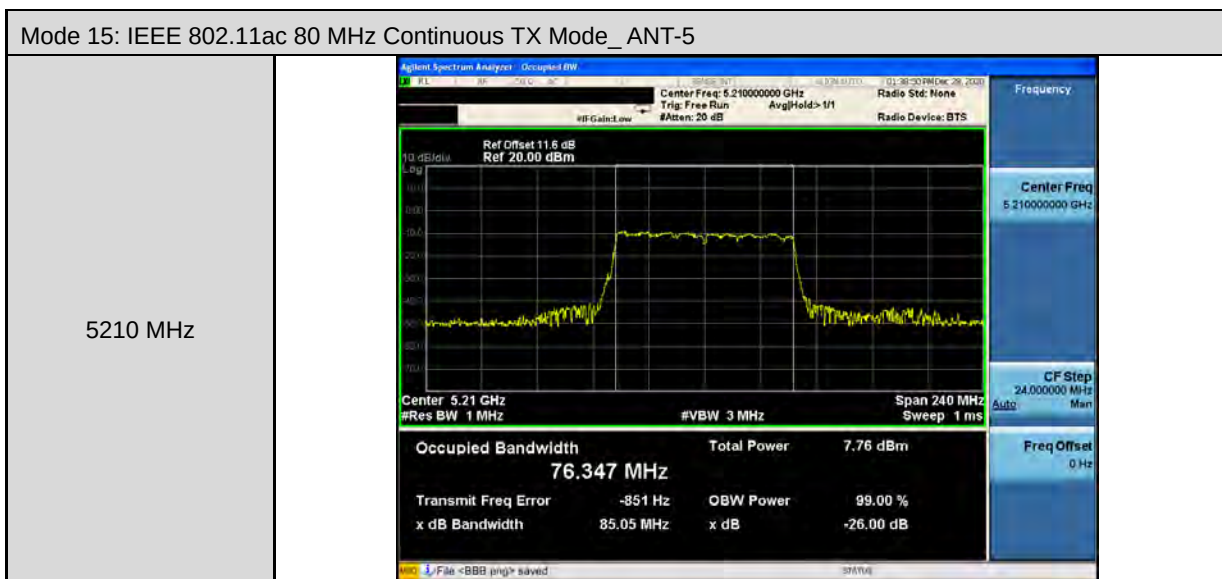
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-4			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.274 MHz Total Power 13.6 dBm Transmit Freq Error 42.903 kHz OBW Power 99.00 % x dB Bandwidth 23.07 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.213 MHz Total Power 13.3 dBm Transmit Freq Error 74.910 kHz OBW Power 99.00 % x dB Bandwidth 22.90 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.099 MHz Total Power 12.5 dBm Transmit Freq Error 57.581 kHz OBW Power 99.00 % x dB Bandwidth 22.80 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

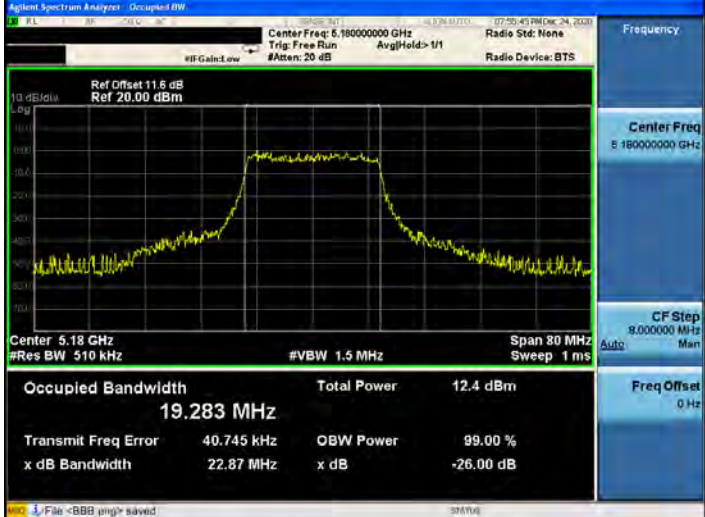
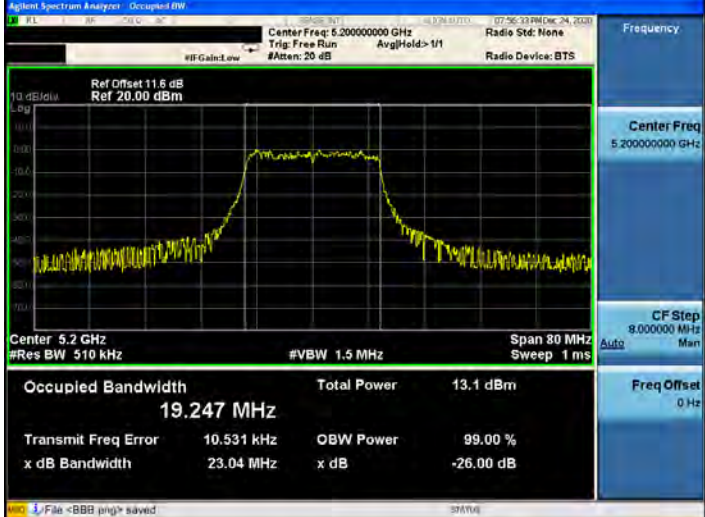


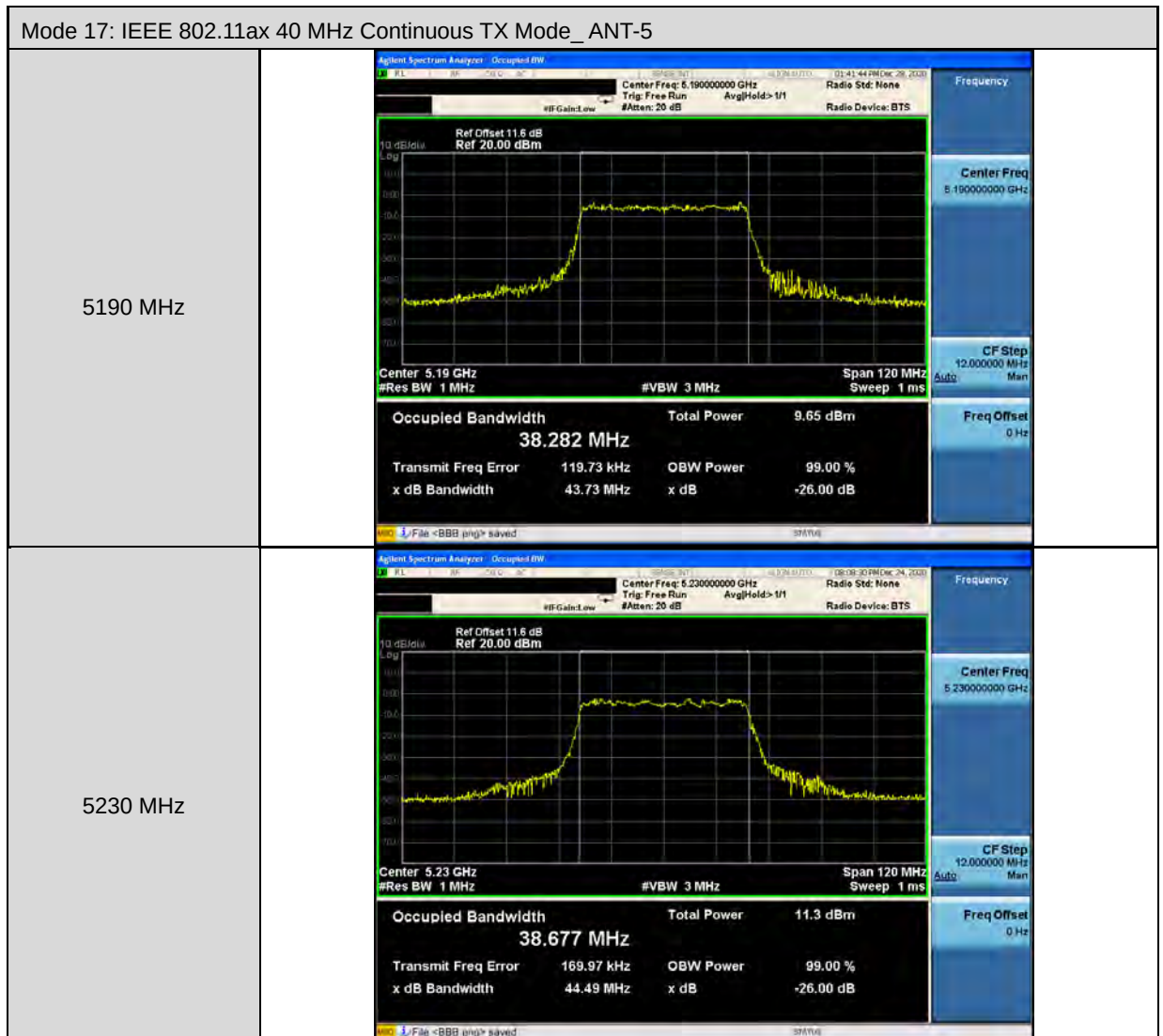


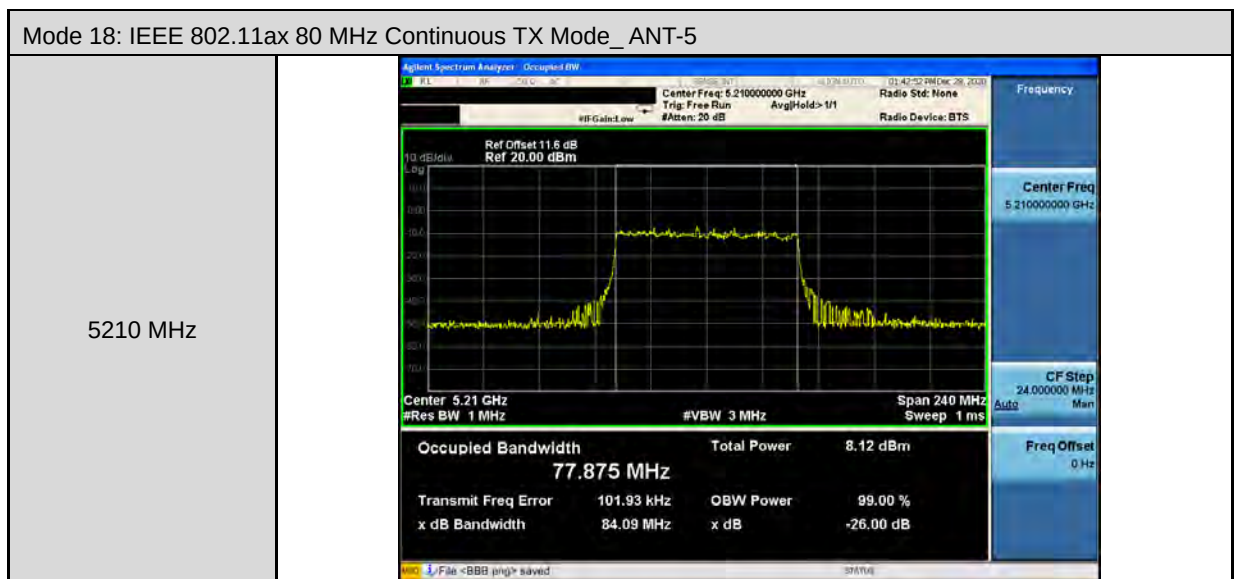
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-5		
5180 MHz		
5200 MHz		
5240 MHz		

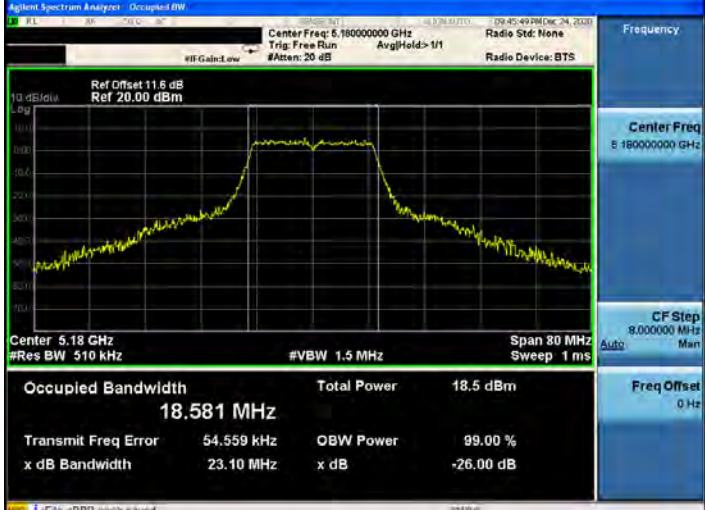
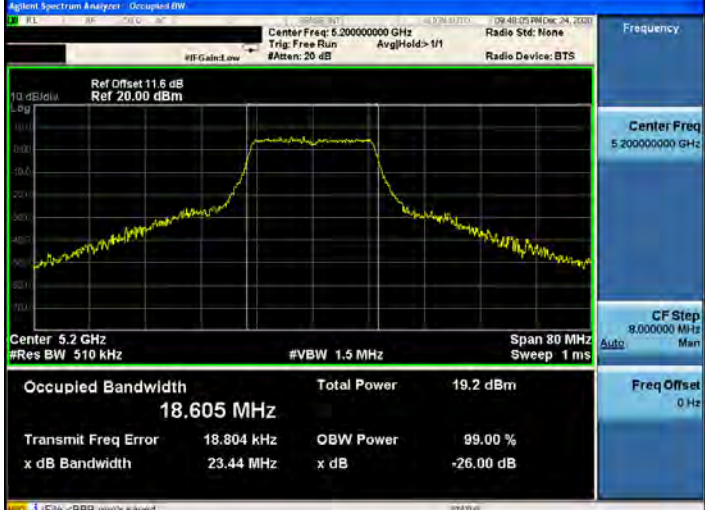


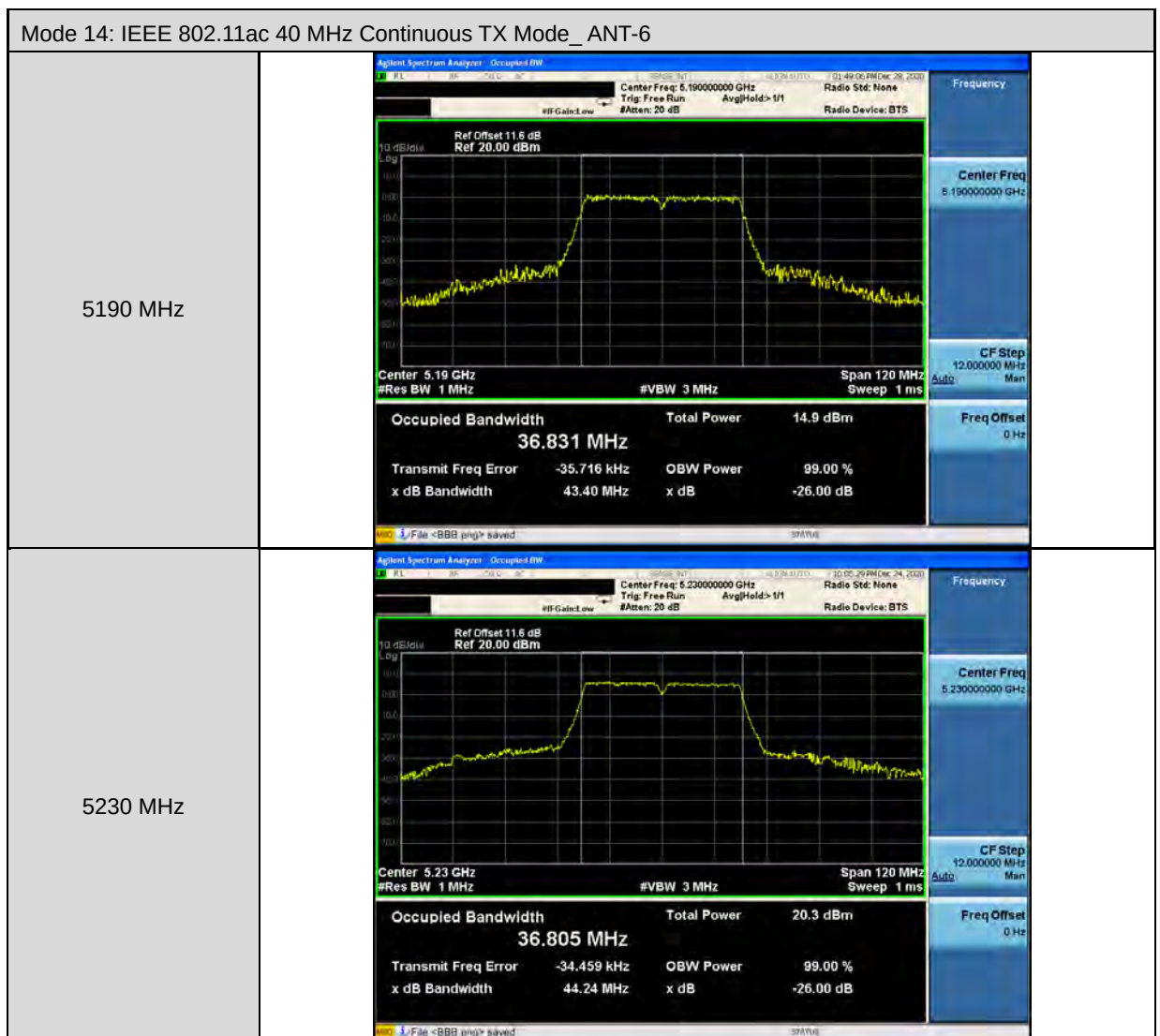


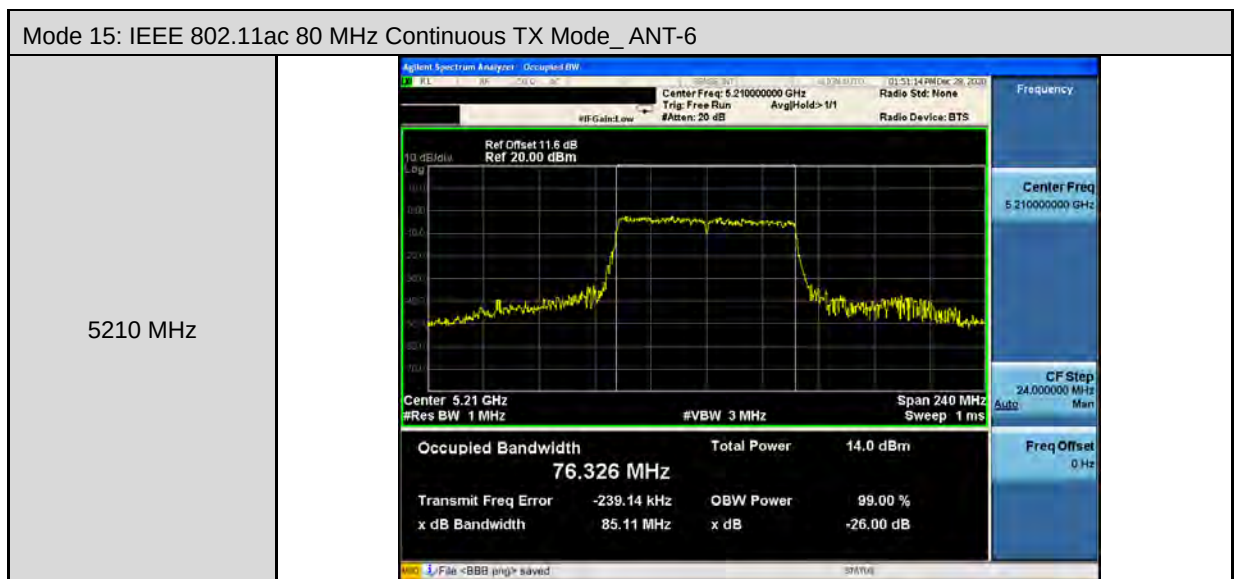
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-5		
5180 MHz		
5200 MHz		
5240 MHz		

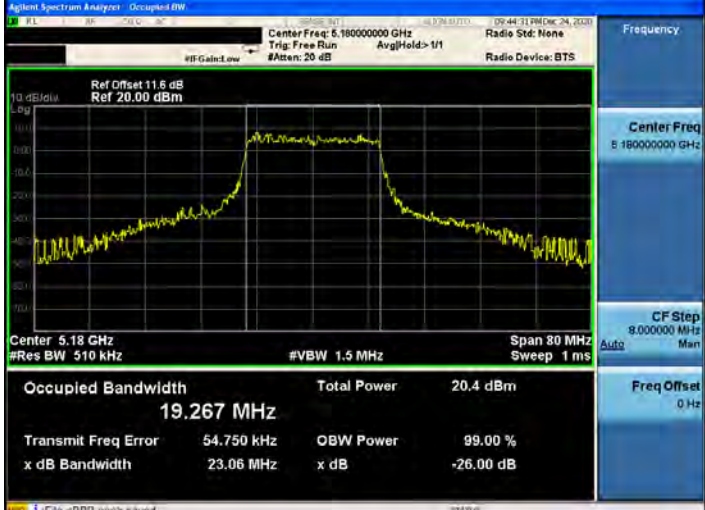
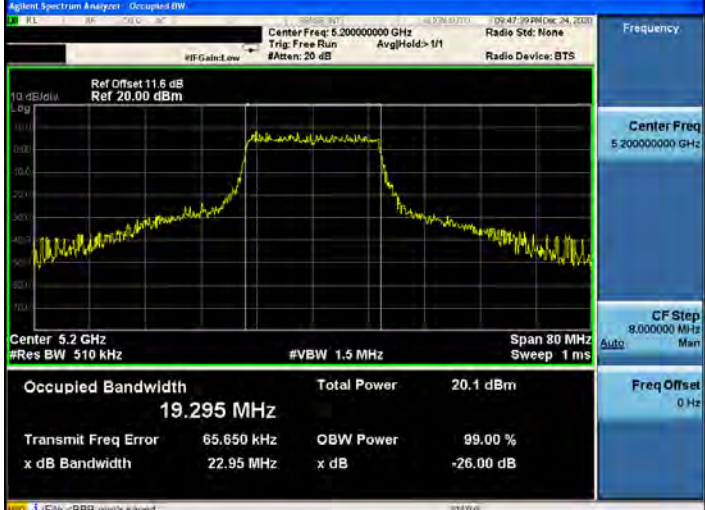
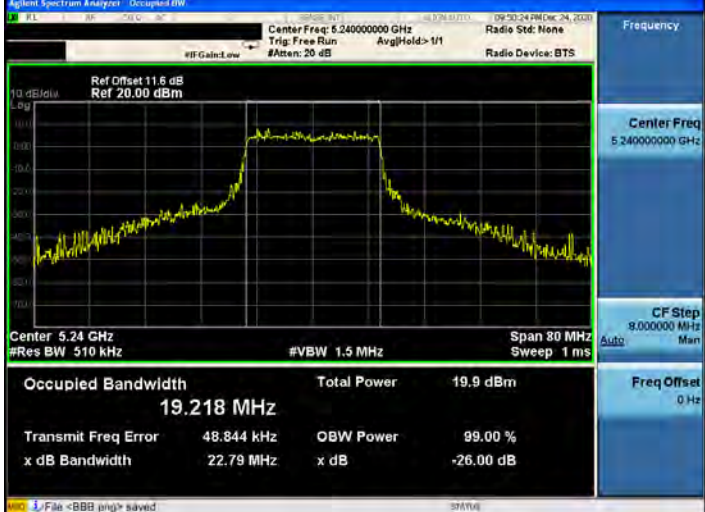


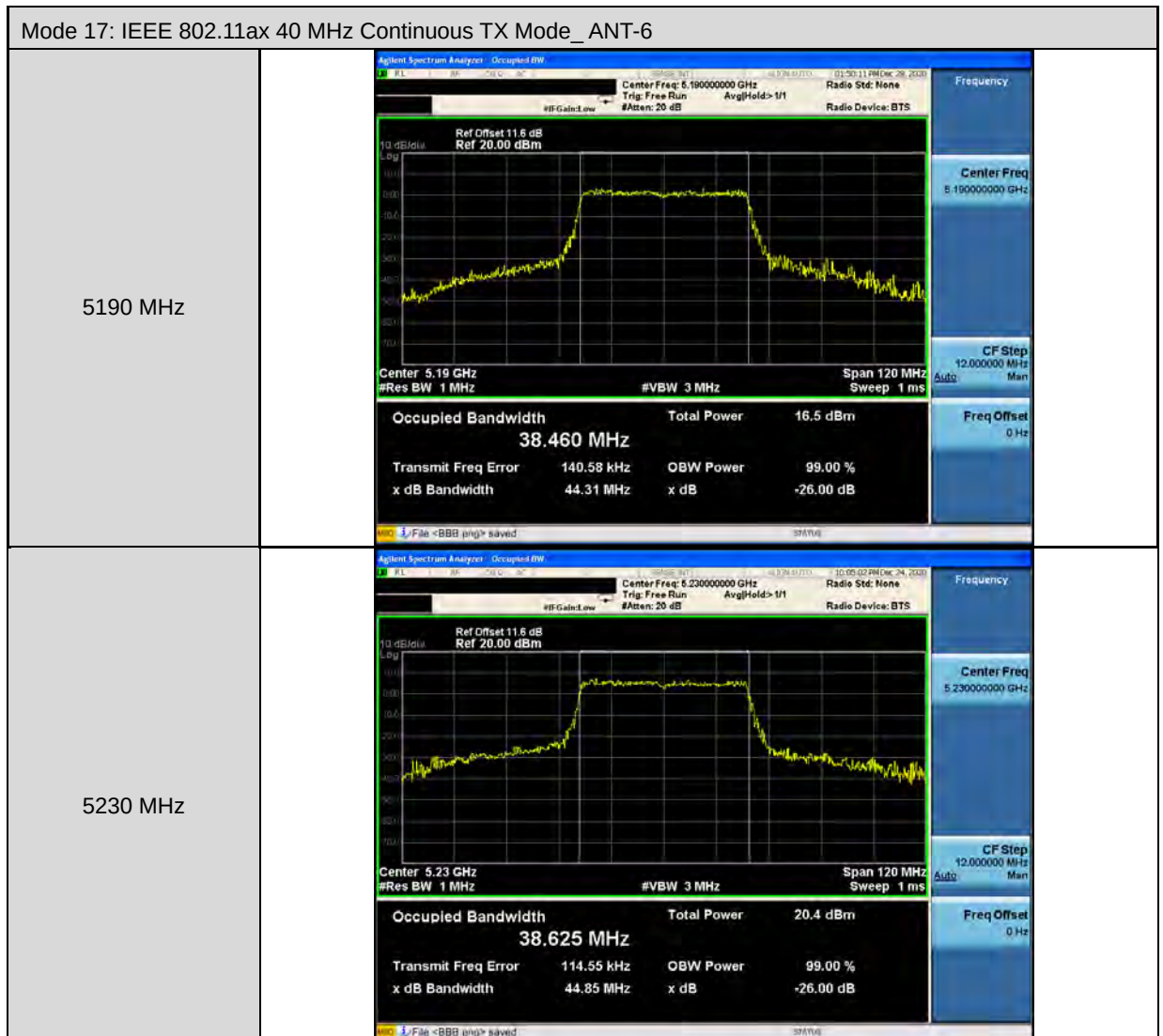


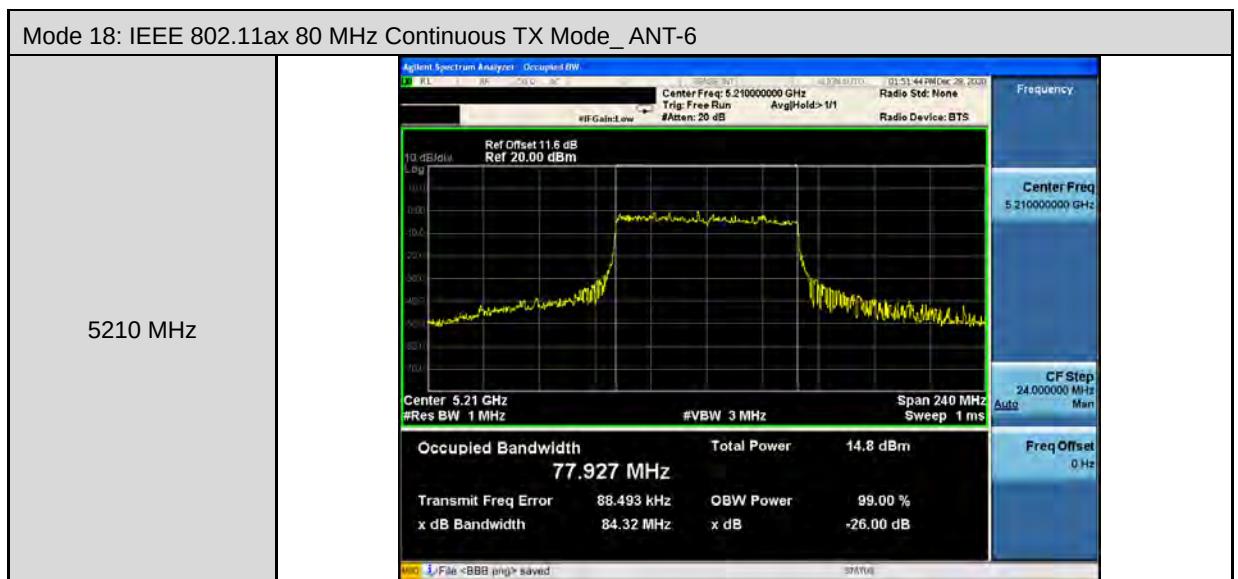
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-6			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.581 MHz Total Power 18.5 dBm Transmit Freq Error 54.559 kHz OBW Power 99.00 % x dB Bandwidth 23.10 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.605 MHz Total Power 19.2 dBm Transmit Freq Error 18.804 kHz OBW Power 99.00 % x dB Bandwidth 23.44 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.558 MHz Total Power 19.5 dBm Transmit Freq Error 23.870 kHz OBW Power 99.00 % x dB Bandwidth 23.76 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

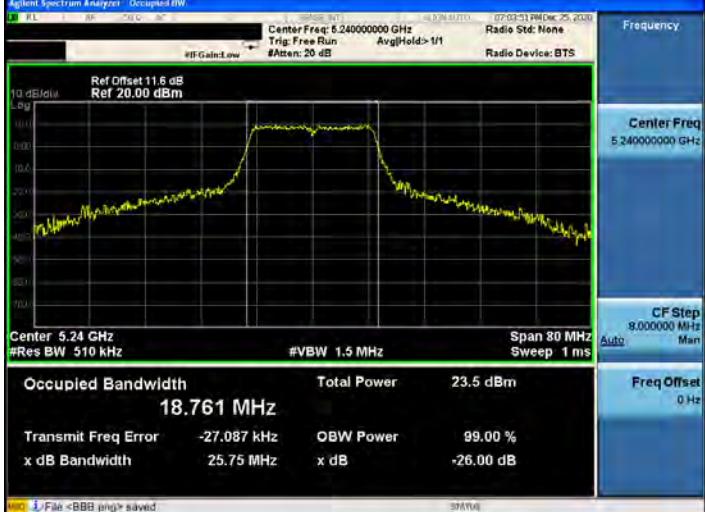


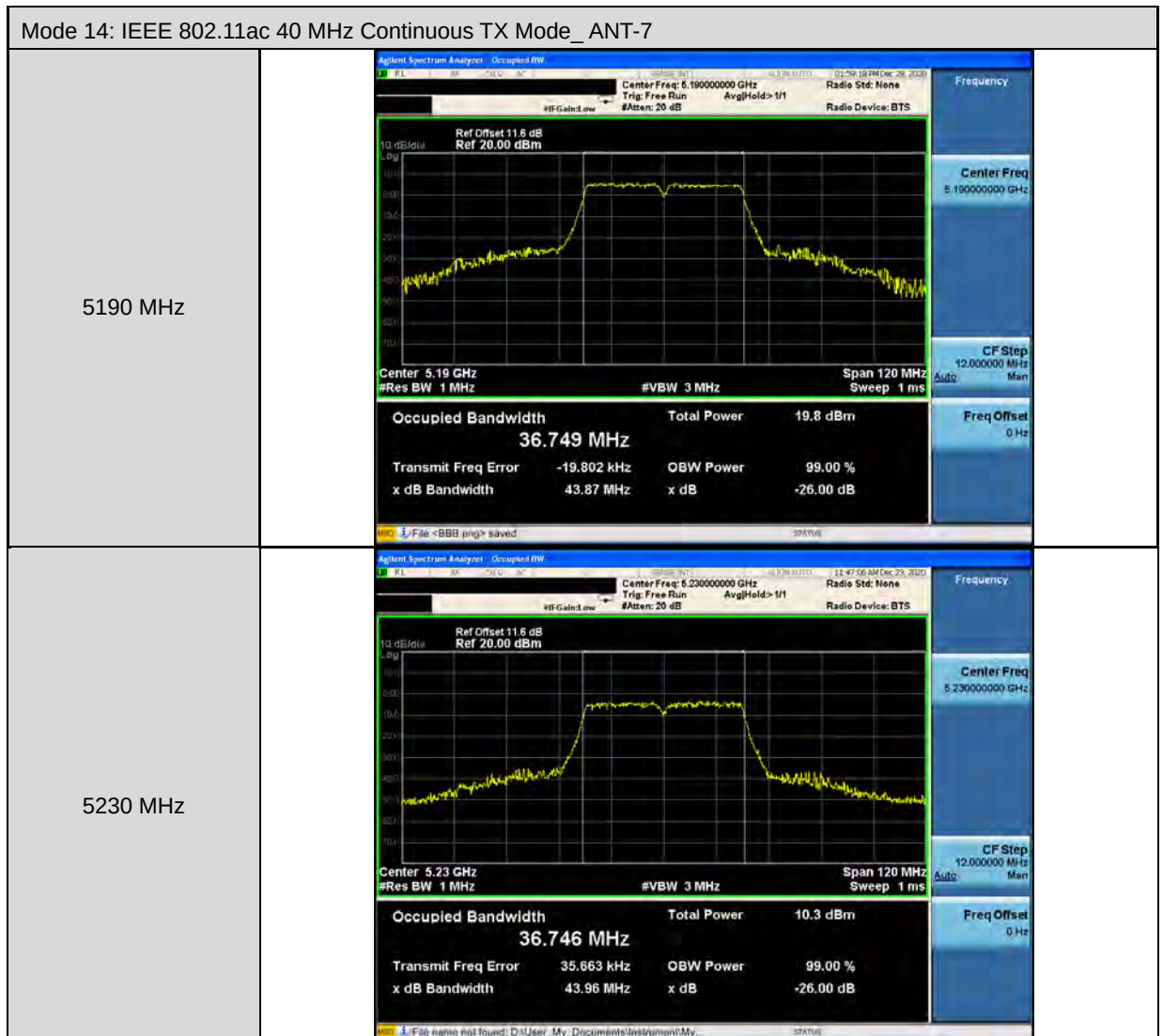


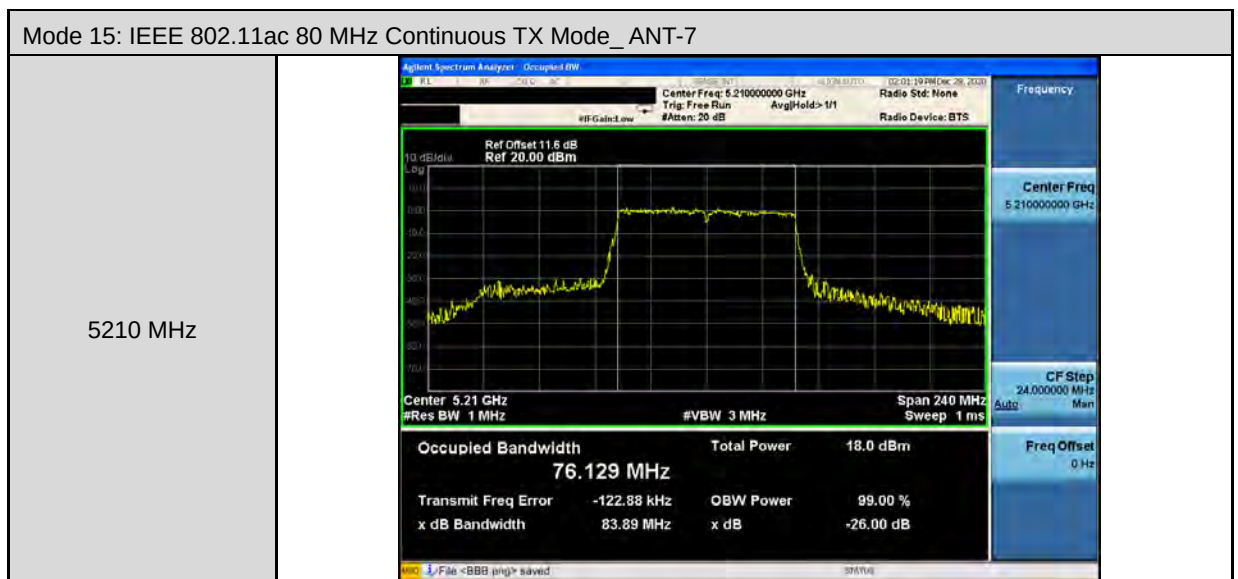
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-6			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.267 MHz Total Power 20.4 dBm Transmit Freq Error 54.750 kHz OBW Power 99.00 % x dB Bandwidth 23.06 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.295 MHz Total Power 20.1 dBm Transmit Freq Error 65.650 kHz OBW Power 99.00 % x dB Bandwidth 22.95 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Att: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.218 MHz Total Power 19.9 dBm Transmit Freq Error 48.844 kHz OBW Power 99.00 % x dB Bandwidth 22.79 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz



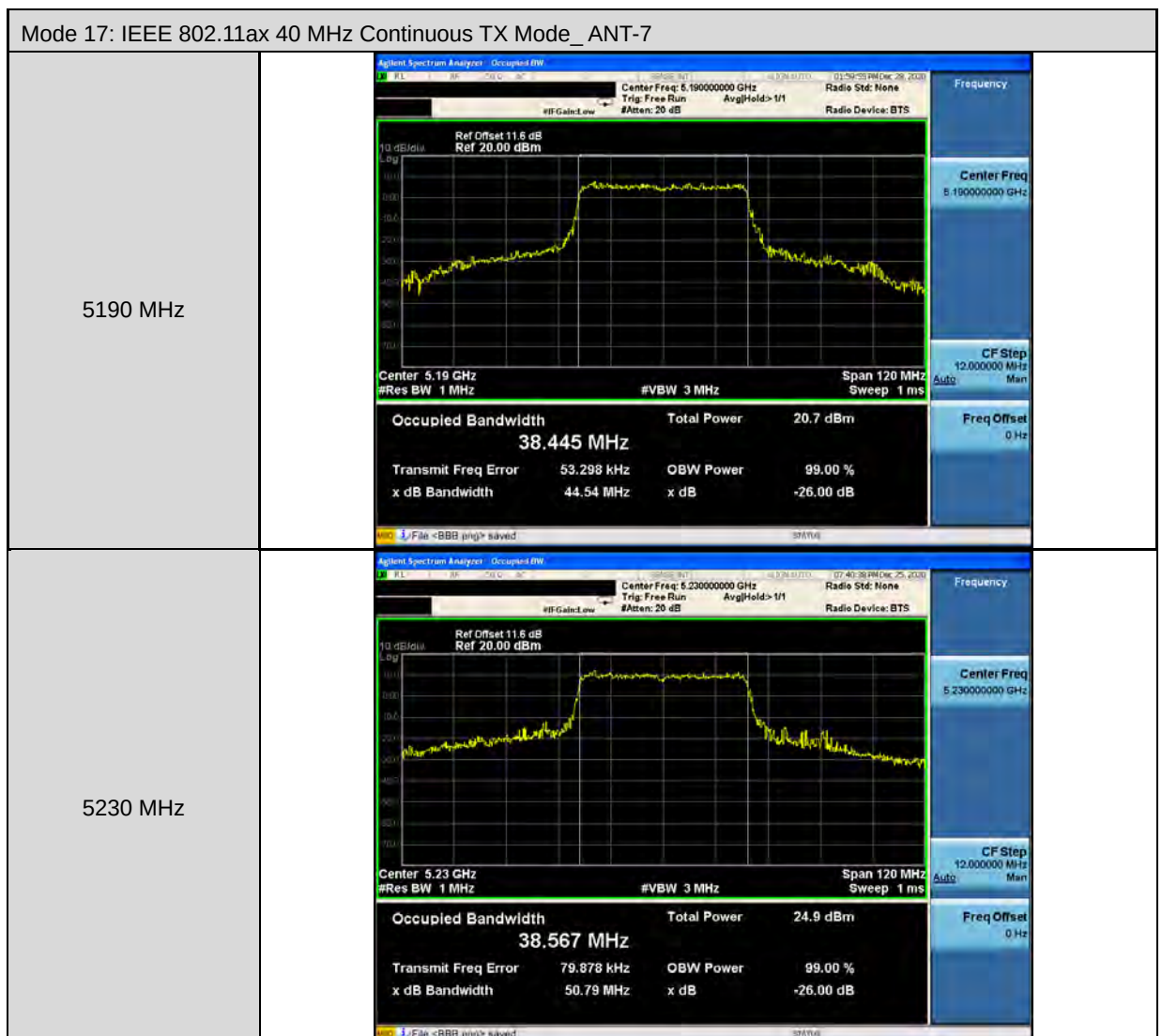


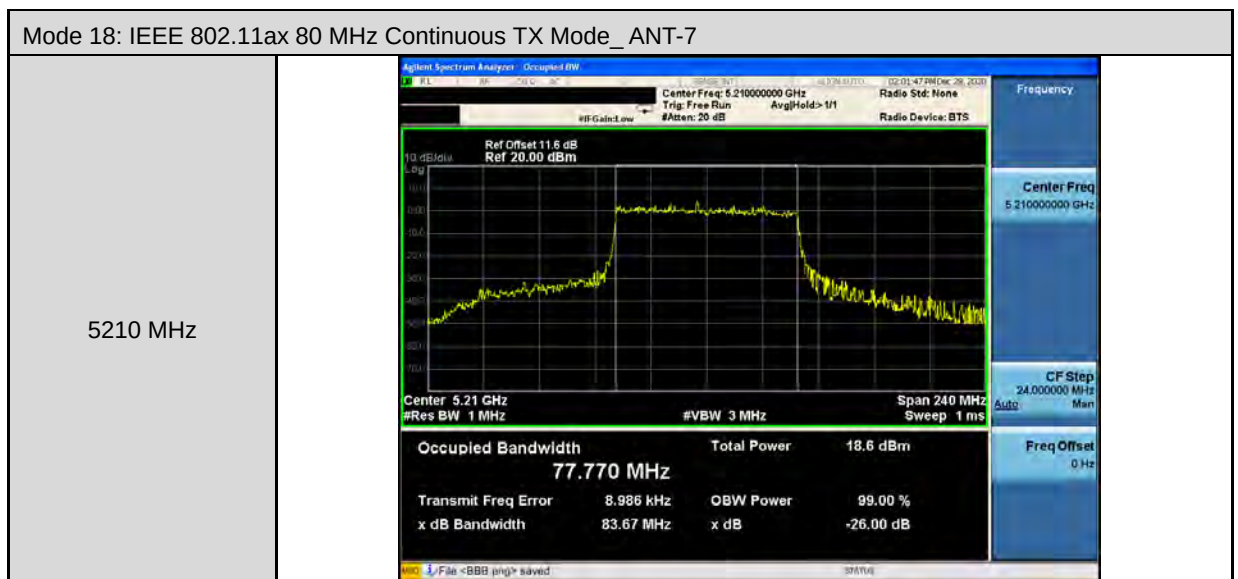
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ ANT-7			
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.941 MHz Total Power 24.4 dBm Transmit Freq Error -8.498 kHz OBW Power 99.00 % x dB Bandwidth 27.42 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.18000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.821 MHz Total Power 24.3 dBm Transmit Freq Error 17.204 kHz OBW Power 99.00 % x dB Bandwidth 27.00 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.20000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Attenu: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.5 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.761 MHz Total Power 23.5 dBm Transmit Freq Error -27.087 kHz OBW Power 99.00 % x dB Bandwidth 25.75 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 5.24000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz





Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-7		
5180 MHz		
5200 MHz		
5240 MHz		





6 dB Bandwidth

Test Mode	Frequency (MHz)	6 dB Bandwidth (kHz)								Limit (kHz)
		B Chip				C Chip				
		ANT-0	ANT-1	ANT-2	ANT-3	ANT-4	ANT-5	ANT-6	ANT-7	
Mode 10	5745	16660	---	---	---	---	---	---	---	≥ 500
	5785	16660	---	---	---	---	---	---	---	≥ 500
	5825	16660	---	---	---	---	---	---	---	≥ 500
Mode 13	5745	17770	17790	17830	17860	17890	17840	17780	17790	≥ 500
	5785	17780	17790	17790	17830	17780	17870	17760	17810	≥ 500
	5825	17760	17810	17830	17880	17860	17800	17750	17800	≥ 500
Mode 14	5755	36210	36440	36440	36430	36350	36000	36400	36360	≥ 500
	5795	36400	36410	36380	36130	35950	36340	36030	36370	≥ 500
Mode 15	5775	75790	76180	76390	75960	76070	75860	76010	76120	≥ 500
Mode 16	5745	19130	19100	19150	19130	19110	19090	19110	19130	≥ 500
	5785	19140	19110	19110	19120	19060	19160	18910	19090	≥ 500
	5825	19090	19110	19130	19130	19090	19080	19090	19100	≥ 500
Mode 17	5755	38170	38280	38170	38160	38200	38140	38180	38230	≥ 500
	5795	38150	38260	38250	38220	38250	38170	38160	38120	≥ 500
Mode 18	5775	77890	78060	78200	77980	77990	77940	78030	78090	≥ 500

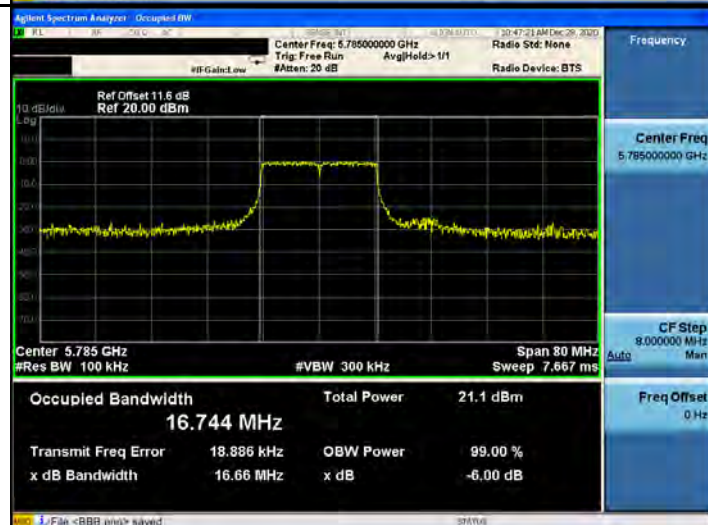
B Chip

Mode 10: IEEE 802.11a Continuous TX Mode_ANT-0

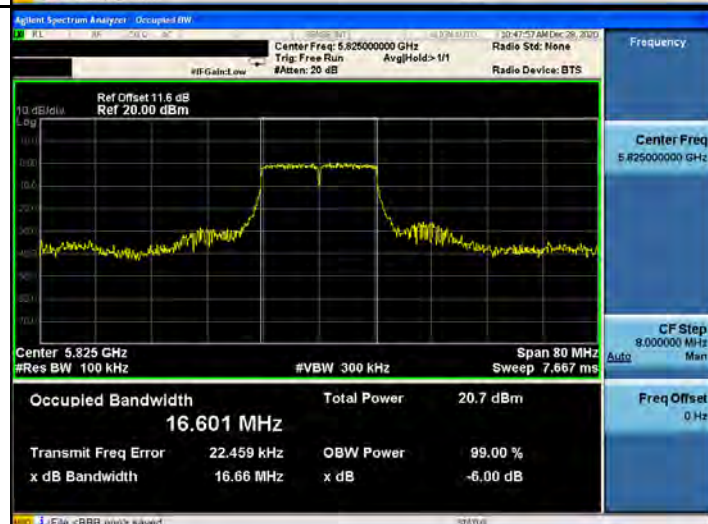
5745 MHz

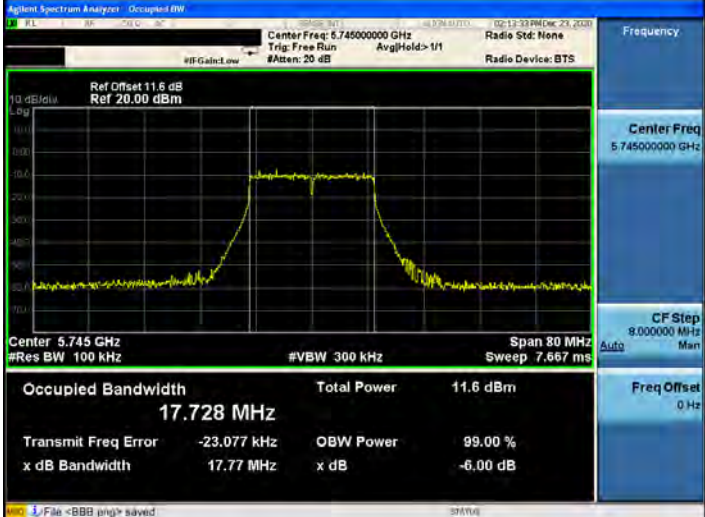
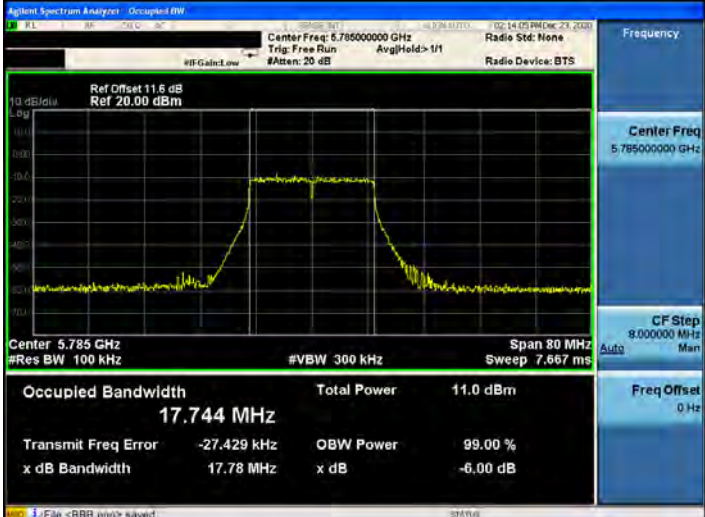
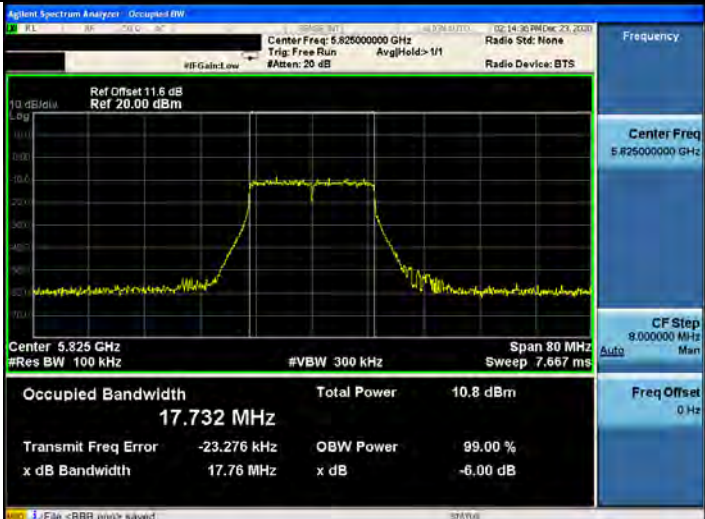


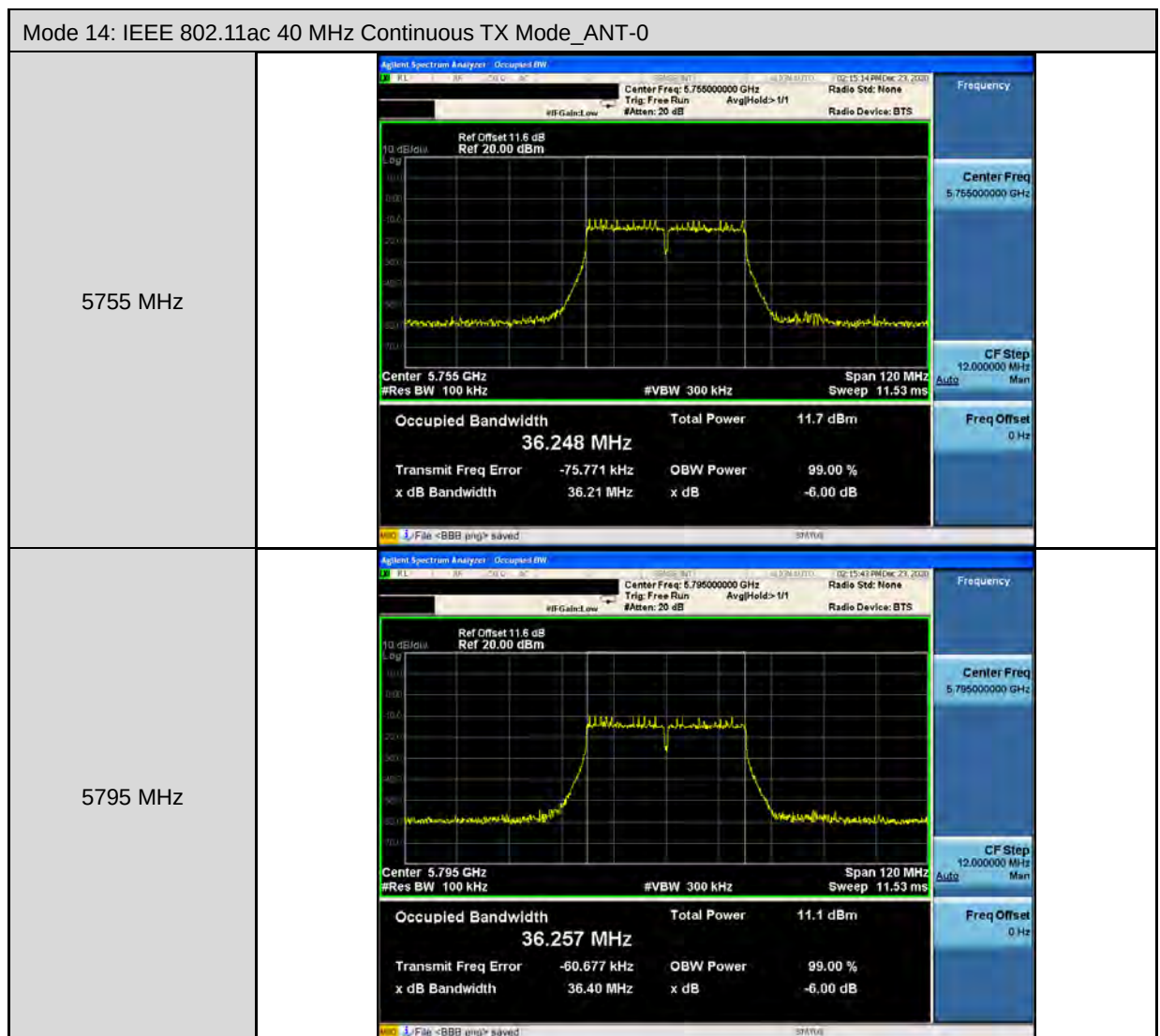
5785 MHz

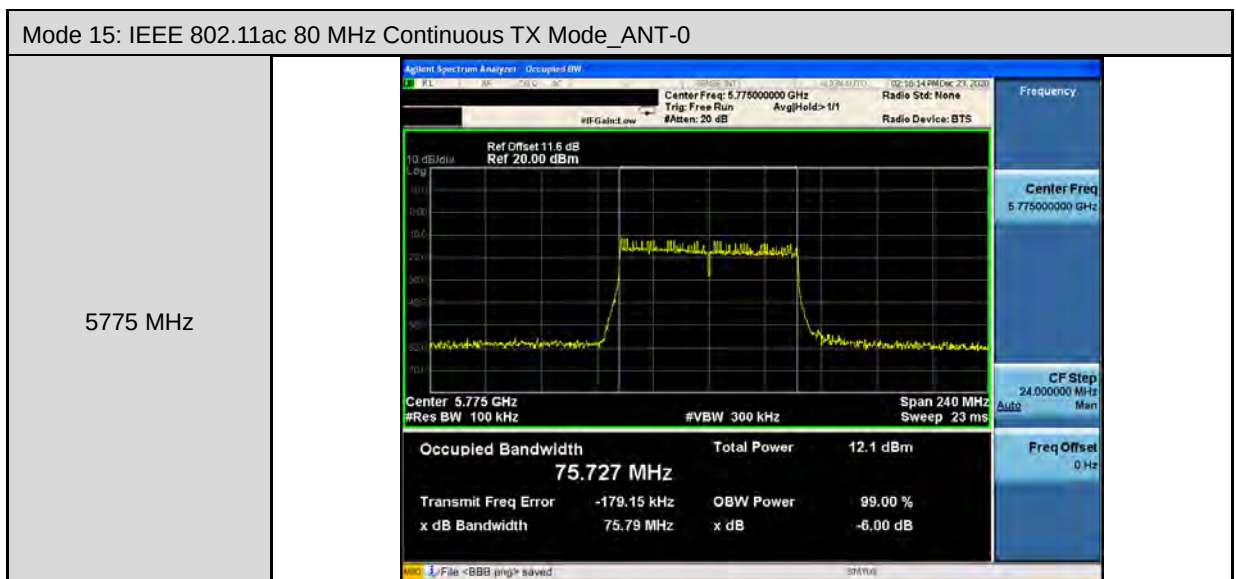


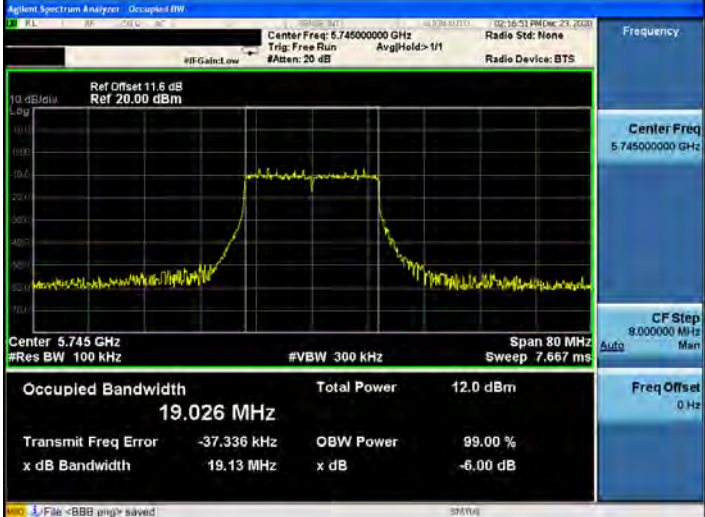
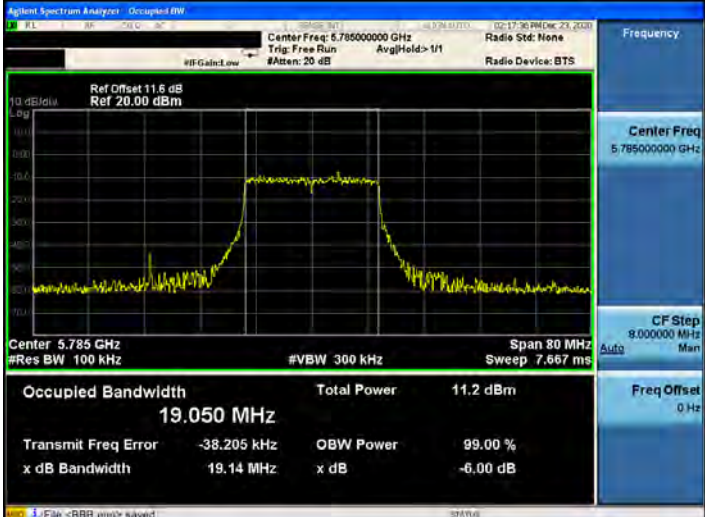
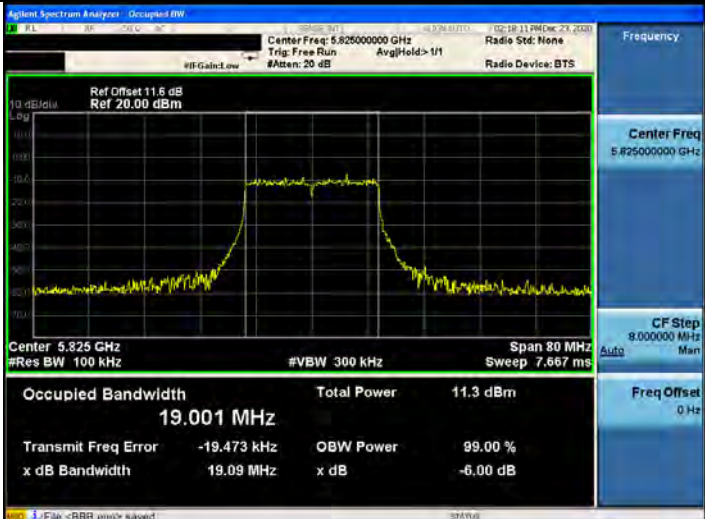
5825 MHz

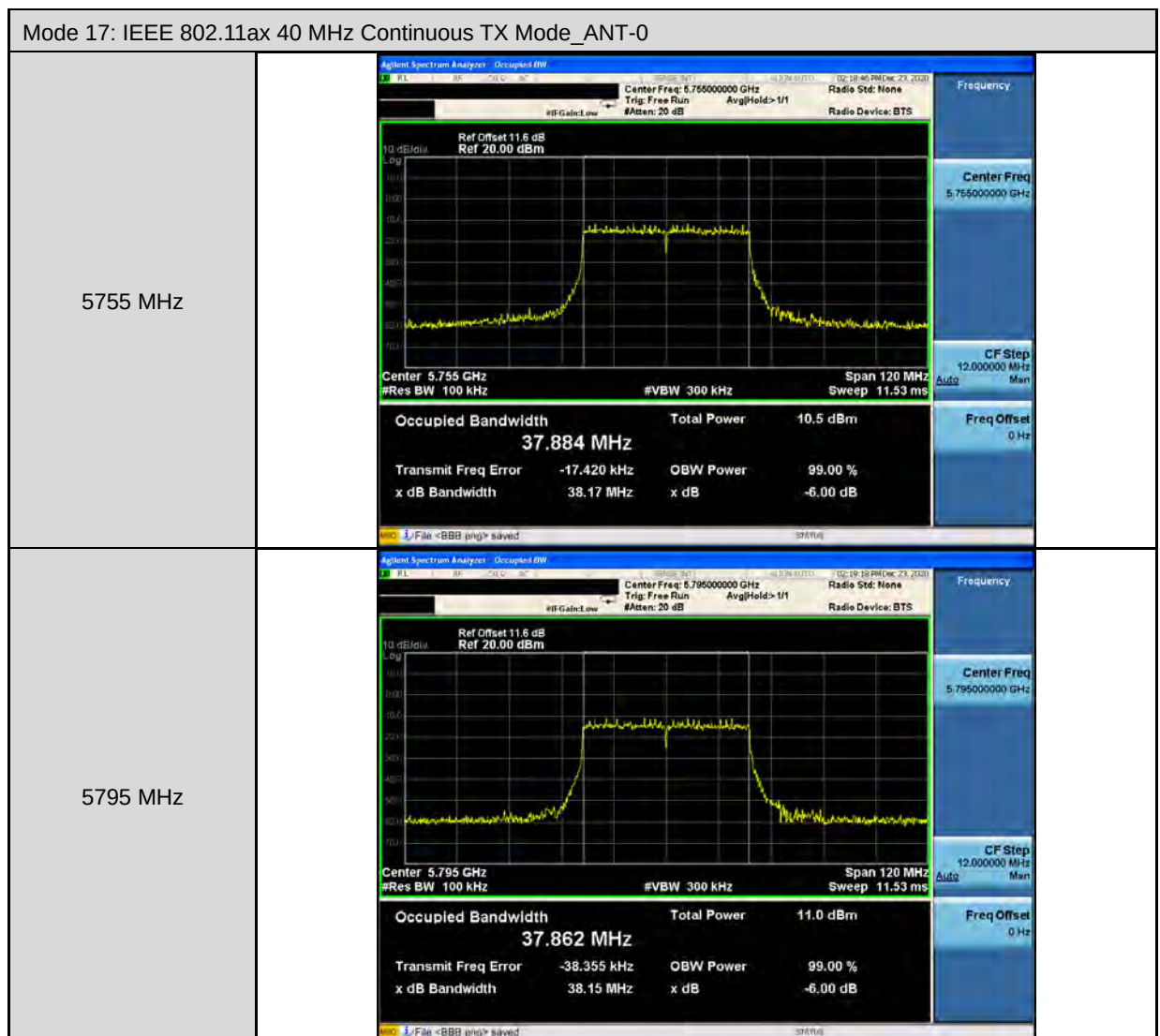


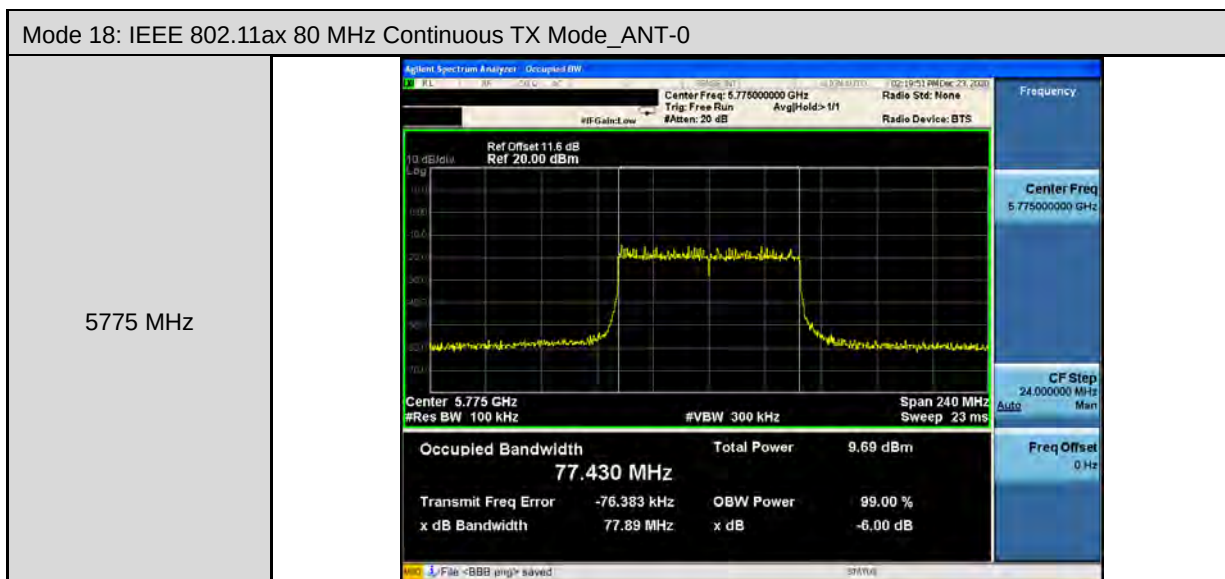
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0		
5745 MHz		
5785 MHz		
5825 MHz		

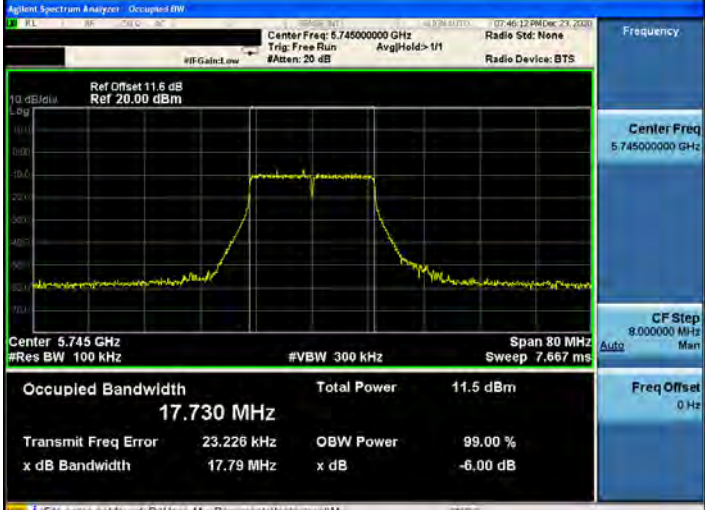
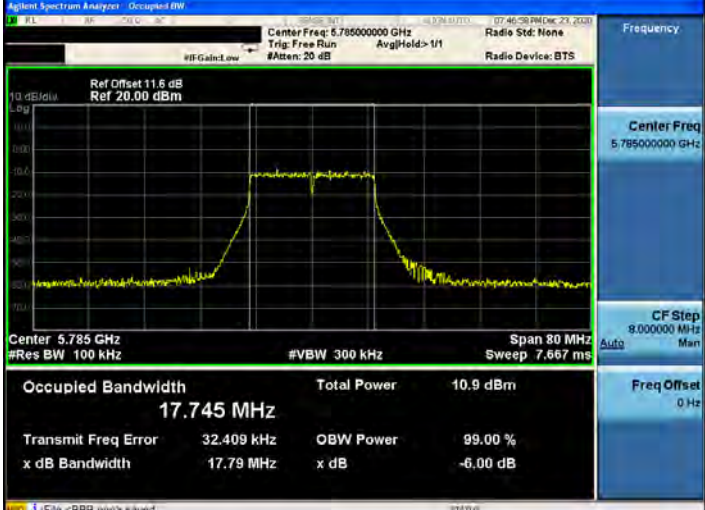
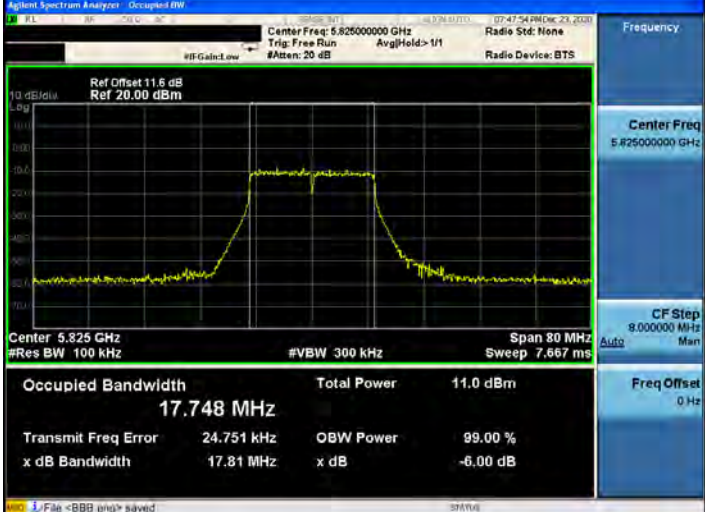


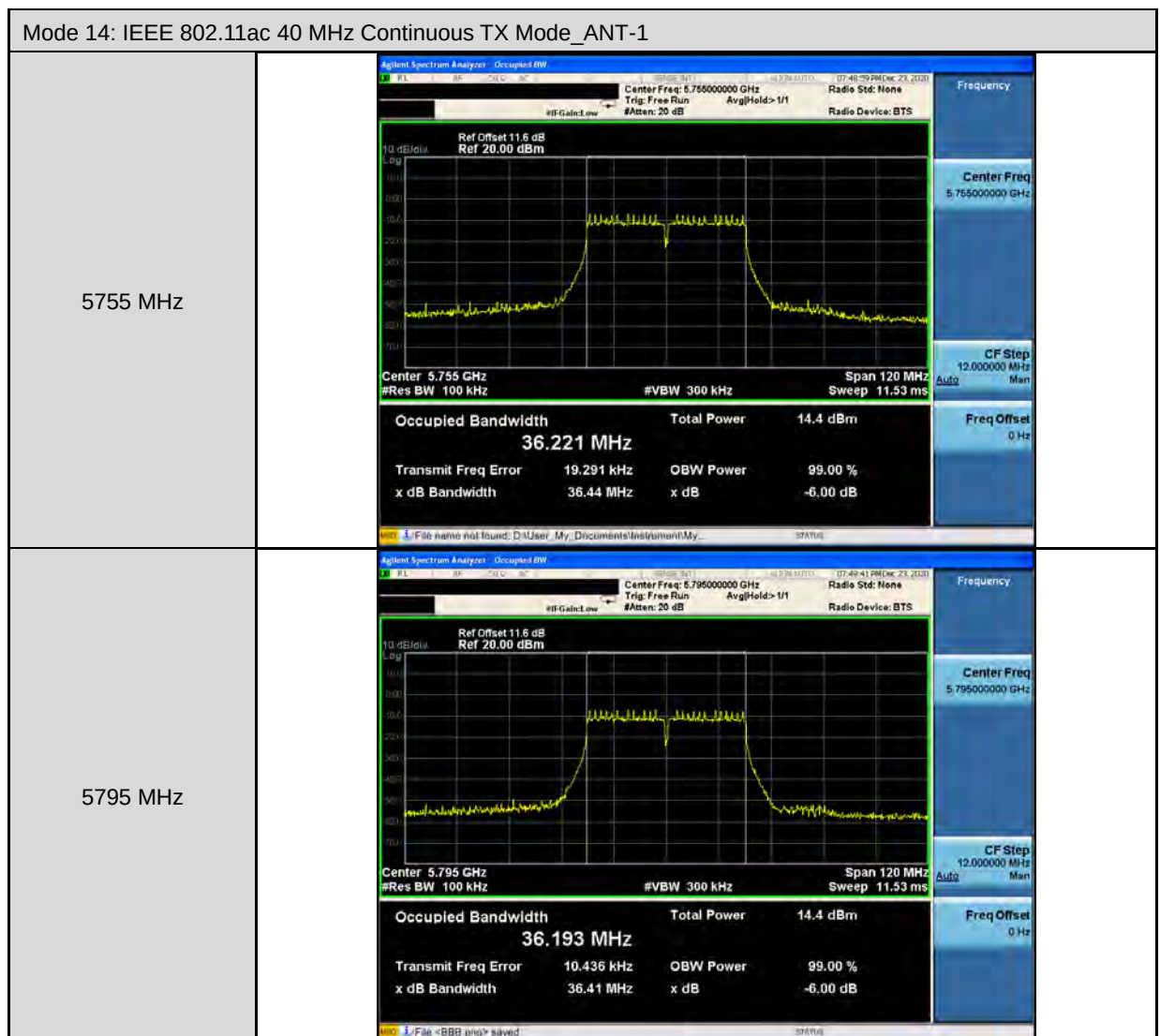


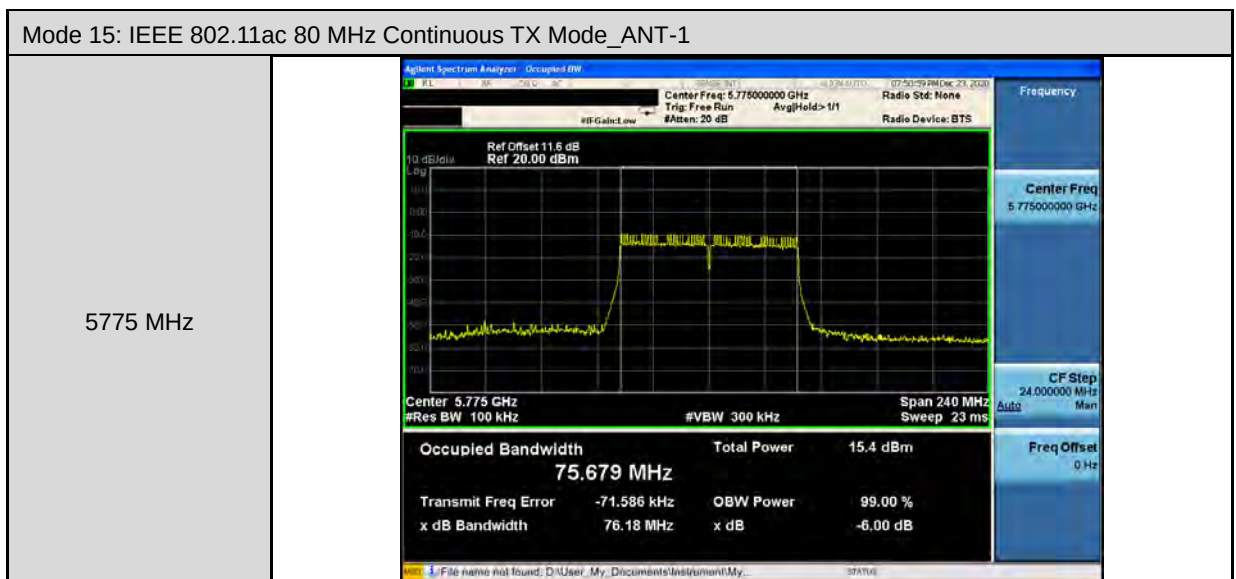
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-0		
5745 MHz		
5785 MHz		
5825 MHz		

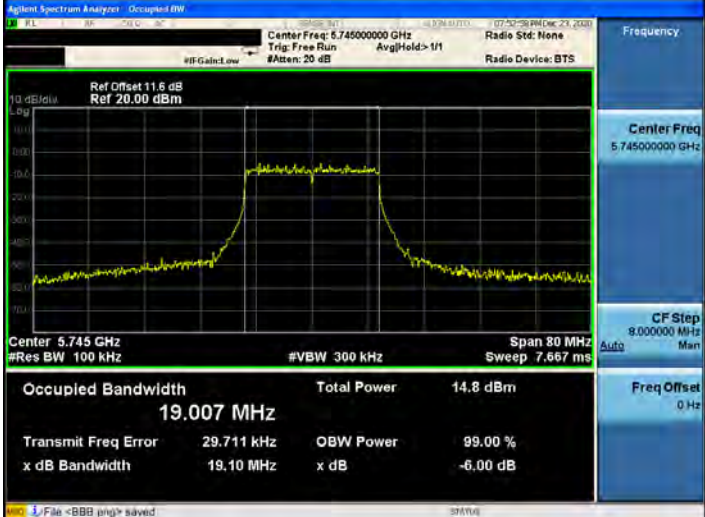
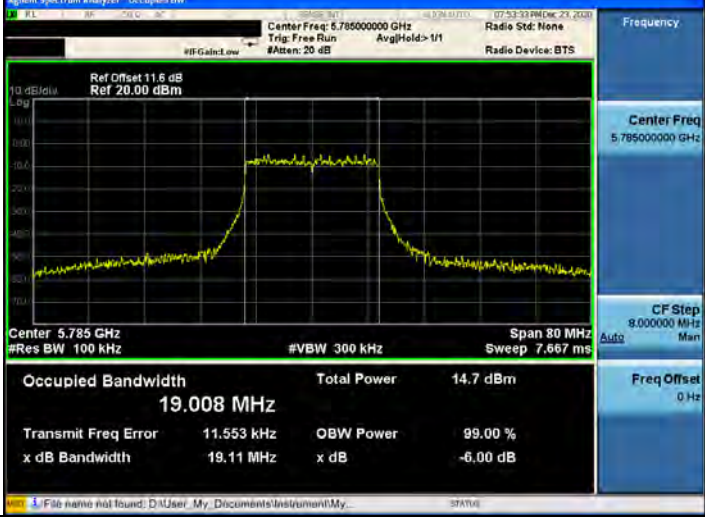
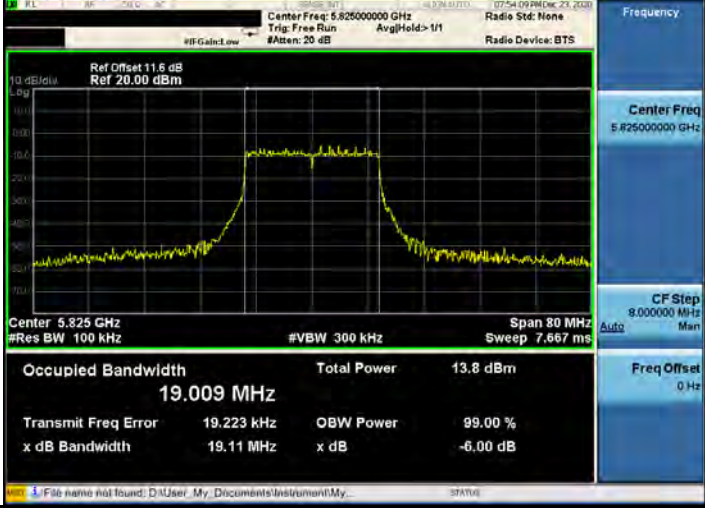


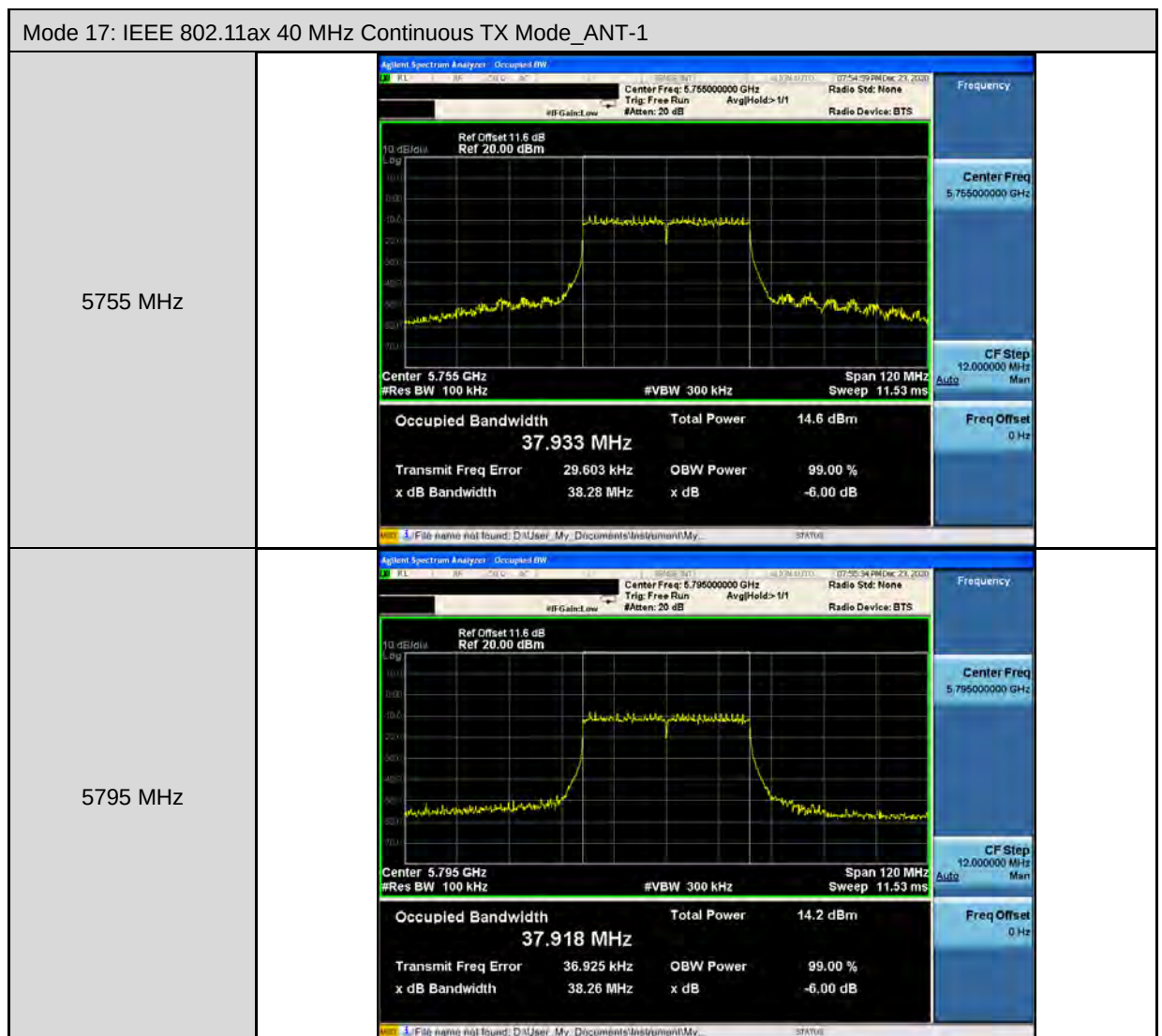


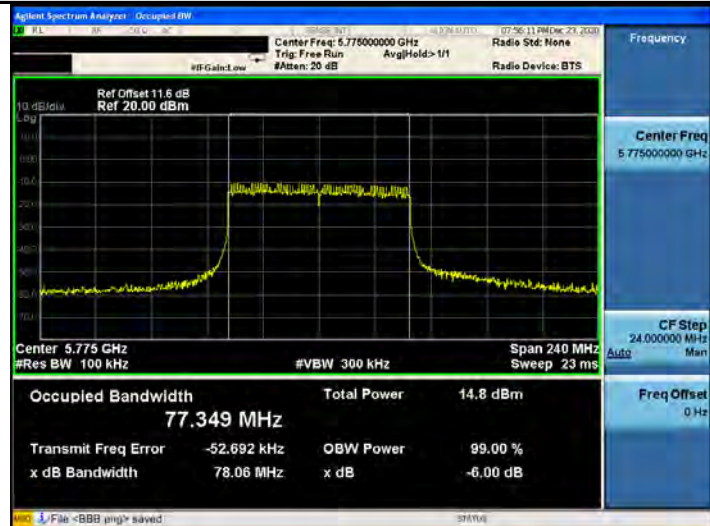
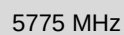
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1		
5745 MHz		
5785 MHz		
5825 MHz		

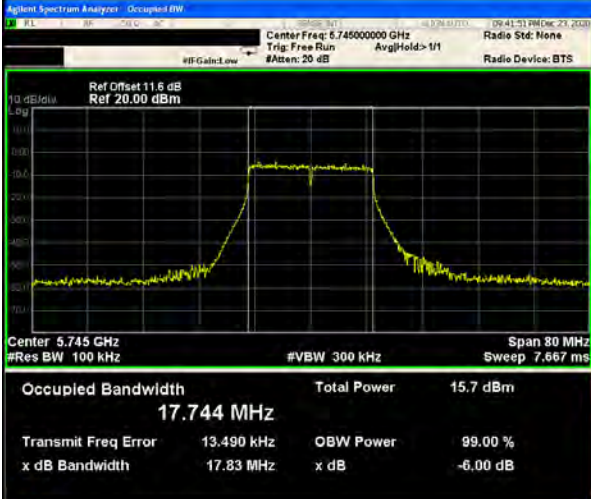
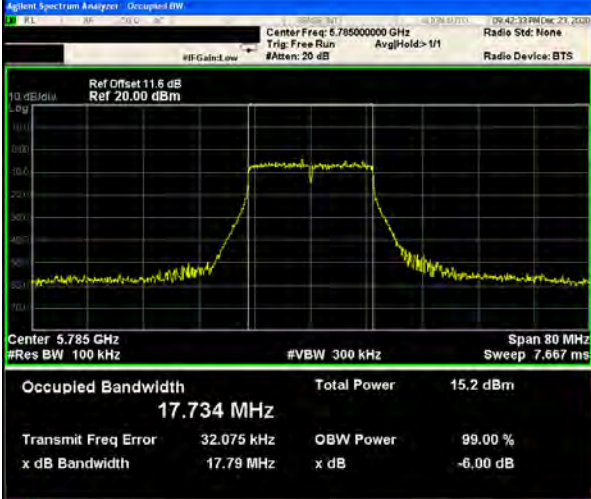
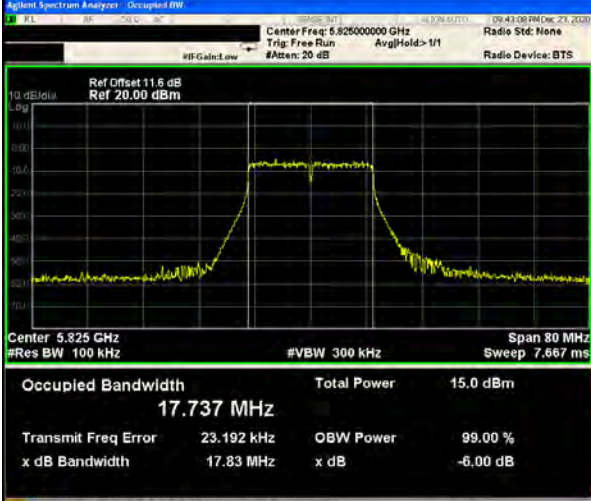




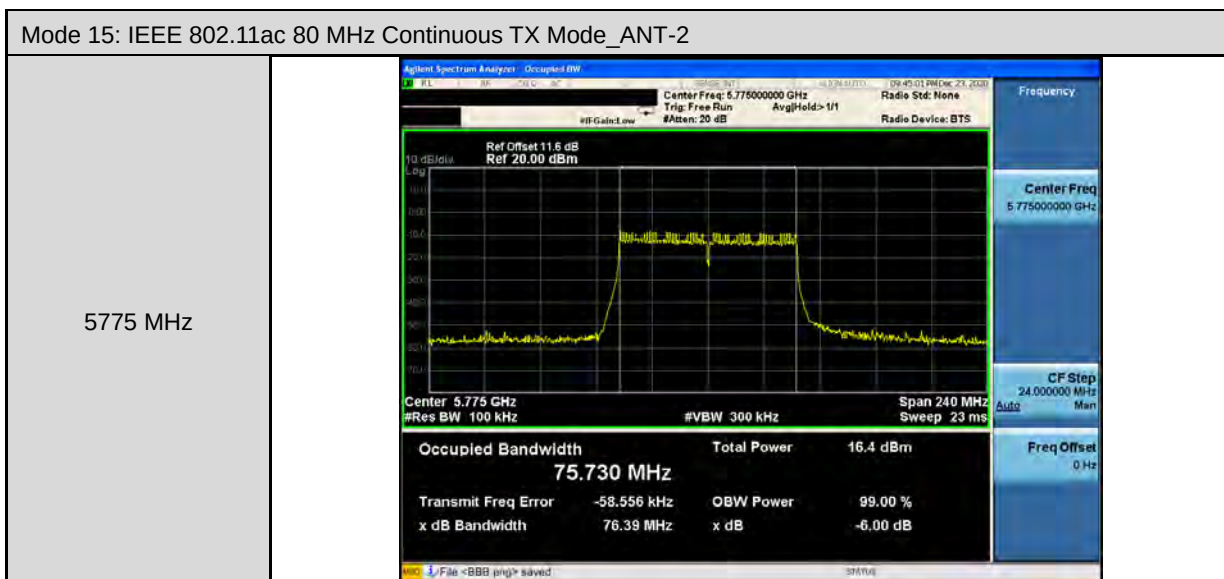
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-1		
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.007 MHz Total Power 14.8 dBm Transmit Freq Error 29.711 kHz OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.008 MHz Total Power 14.7 dBm Transmit Freq Error 11.553 kHz OBW Power 99.00 % x dB Bandwidth 19.11 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My_	Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.009 MHz Total Power 13.8 dBm Transmit Freq Error 19.223 kHz OBW Power 99.00 % x dB Bandwidth 19.11 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My_	Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

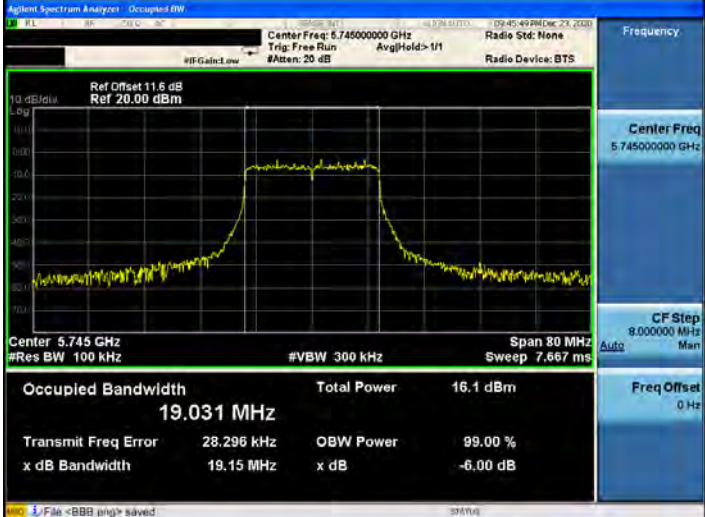
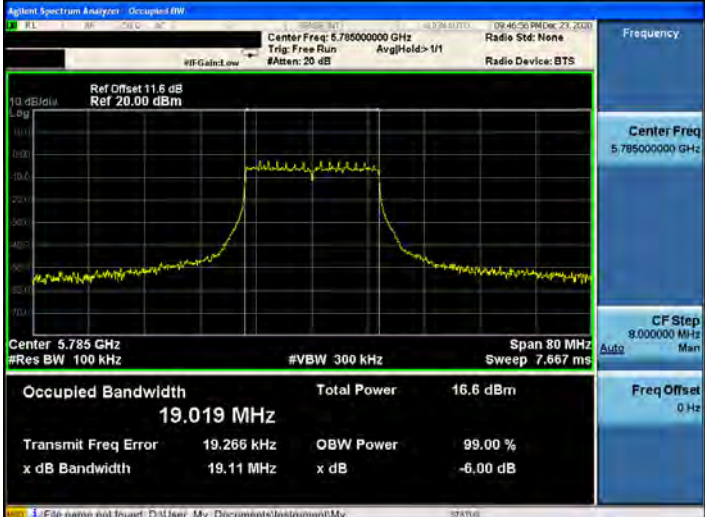
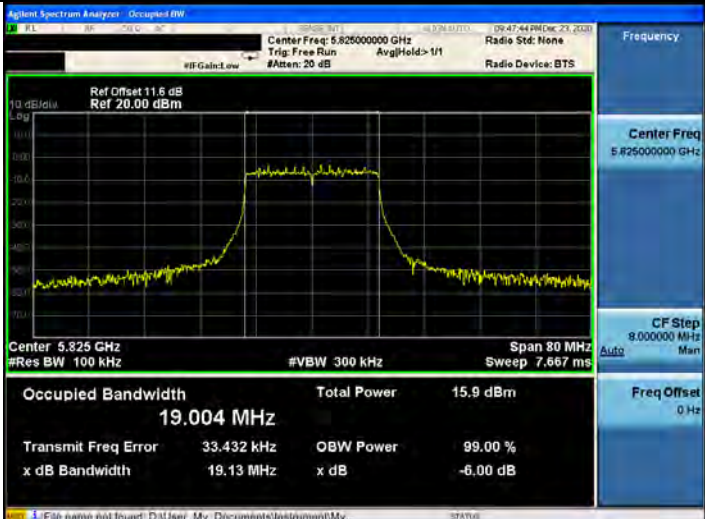


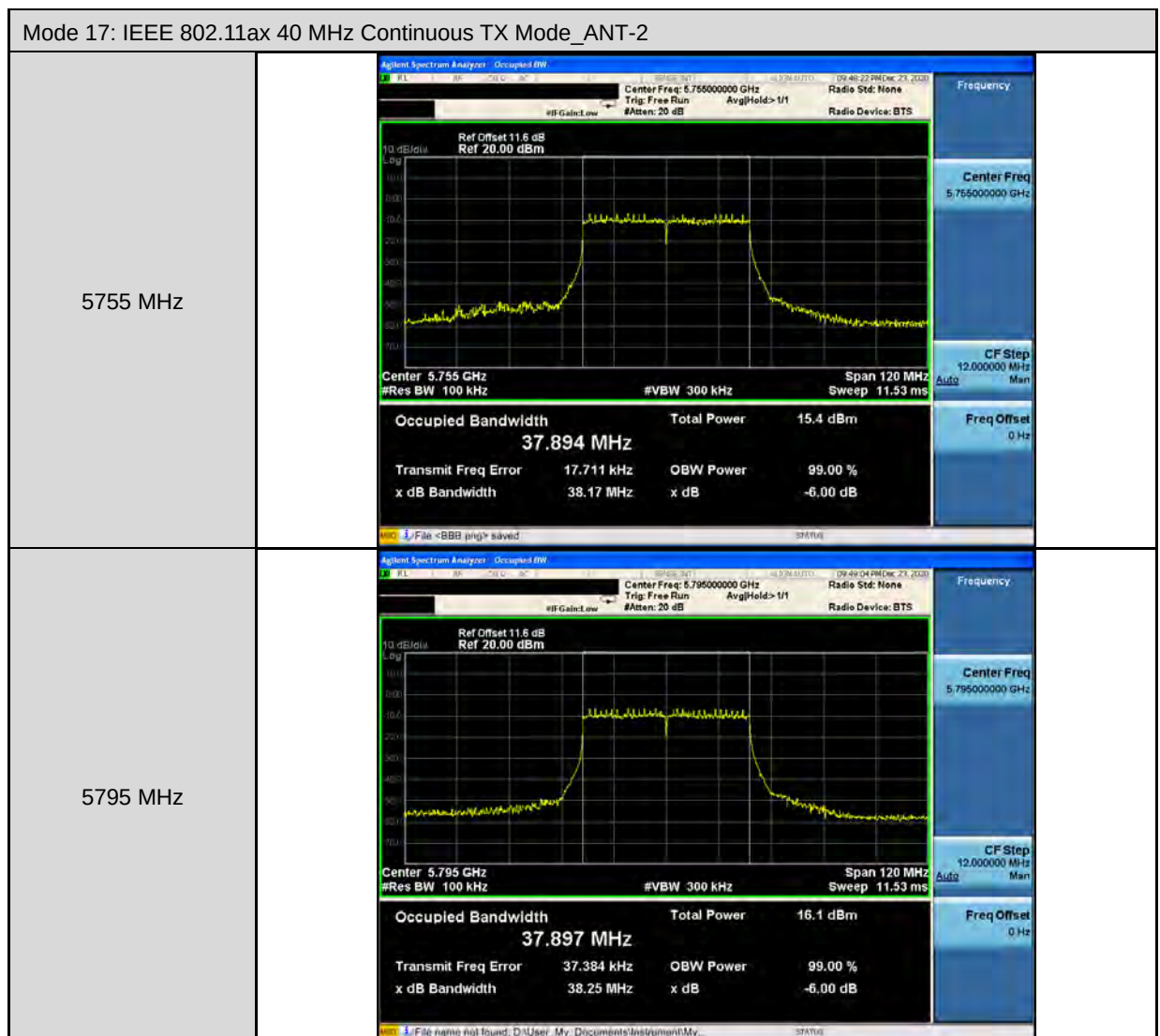


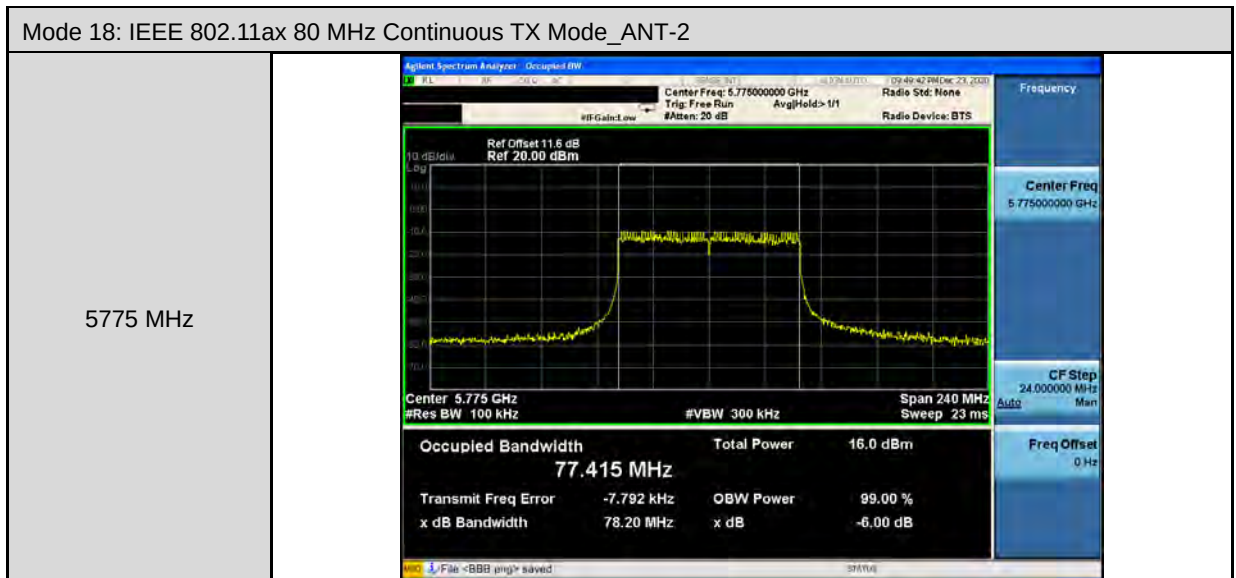
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2			
5745 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.744 MHz Total Power 15.7 dBm Transmit Freq Error 13.490 kHz OBW Power 99.00 % x dB Bandwidth 17.83 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My_...	Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.734 MHz Total Power 15.2 dBm Transmit Freq Error 32.075 kHz OBW Power 99.00 % x dB Bandwidth 17.79 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.737 MHz Total Power 15.0 dBm Transmit Freq Error 23.192 kHz OBW Power 99.00 % x dB Bandwidth 17.83 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My_...	Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

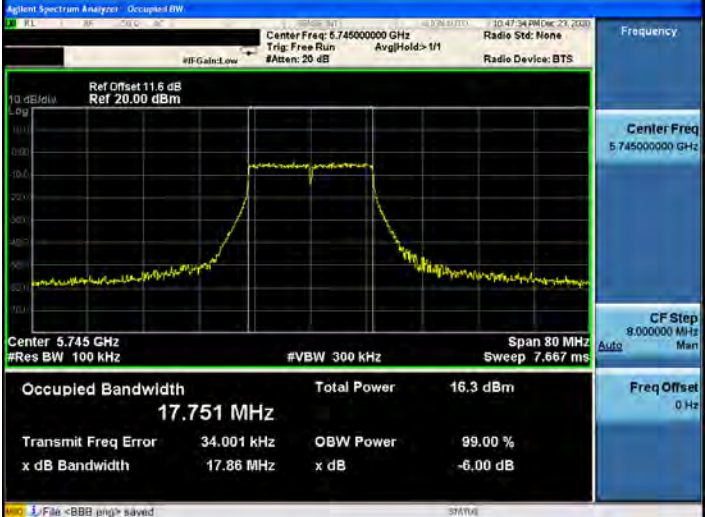
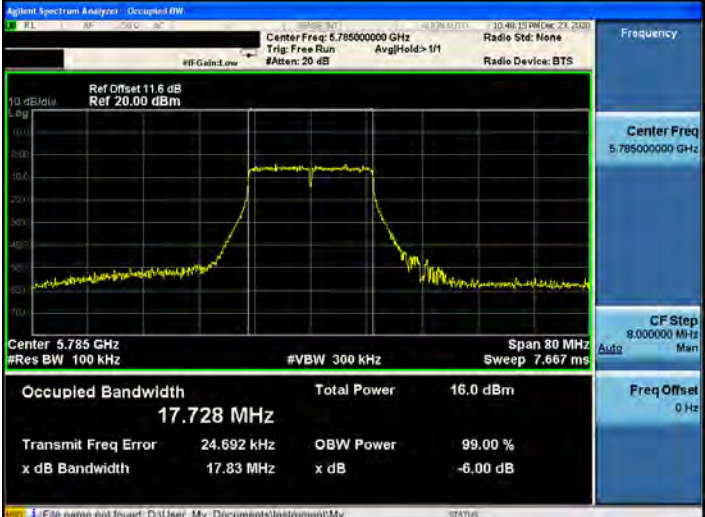
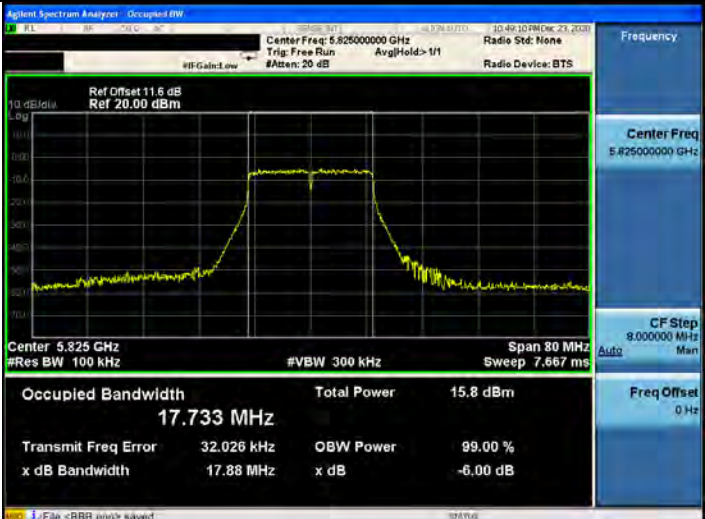
Mode 14: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2		
5755 MHz	Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.755000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 120 MHz Sweep 11.53 ms Occupied Bandwidth 36.234 MHz Total Power 16.0 dBm Transmit Freq Error 7.142 kHz OBW Power 99.00 % x dB Bandwidth 36.44 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My_	Frequency Center Freq 5.755000000 GHz CF Step 12.0000000 MHz Auto Man Freq Offset 0 Hz
5795 MHz	Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.795000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 120 MHz Sweep 11.53 ms Occupied Bandwidth 36.199 MHz Total Power 15.8 dBm Transmit Freq Error 16.185 kHz OBW Power 99.00 % x dB Bandwidth 36.38 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.795000000 GHz CF Step 12.0000000 MHz Auto Man Freq Offset 0 Hz

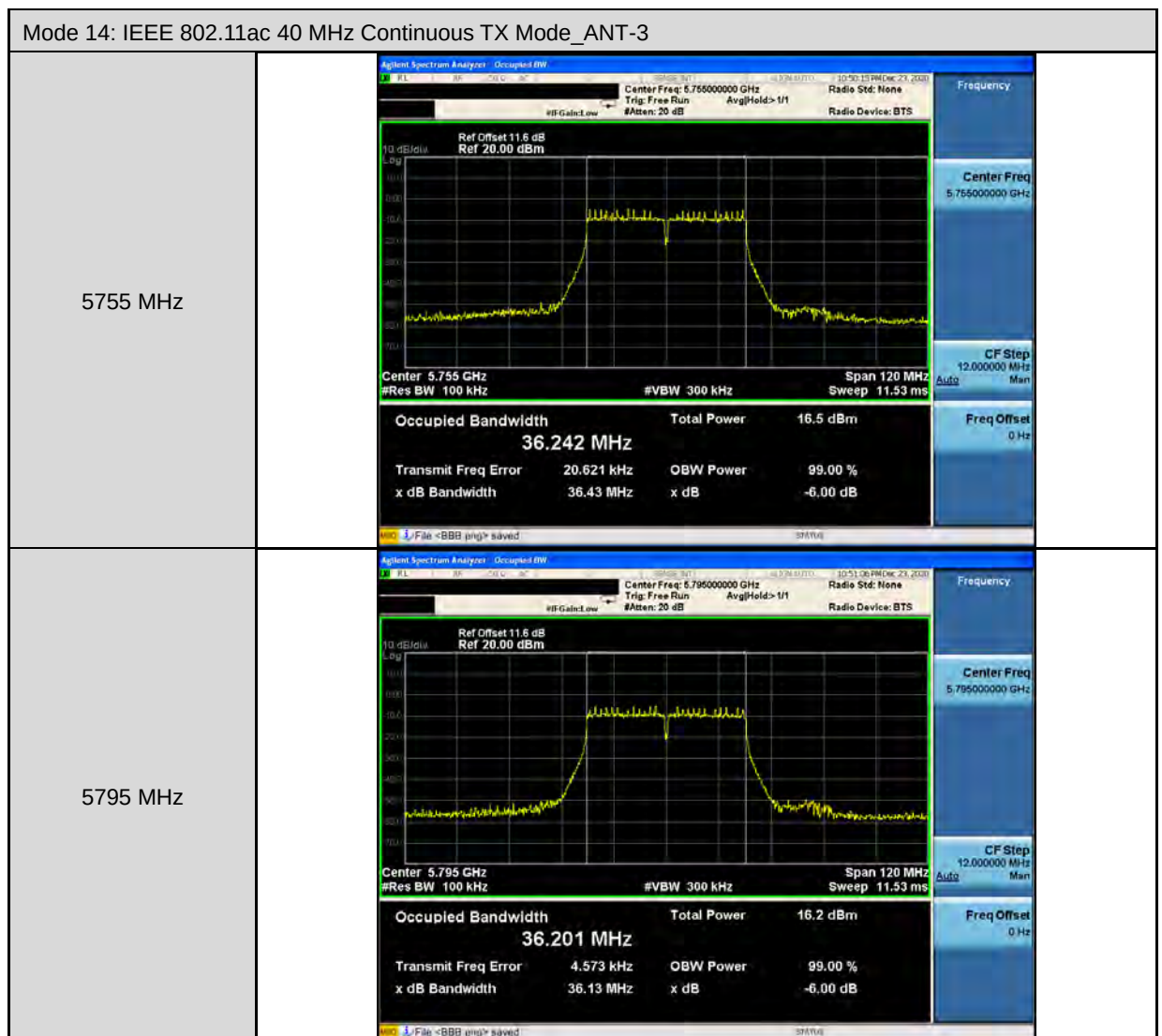


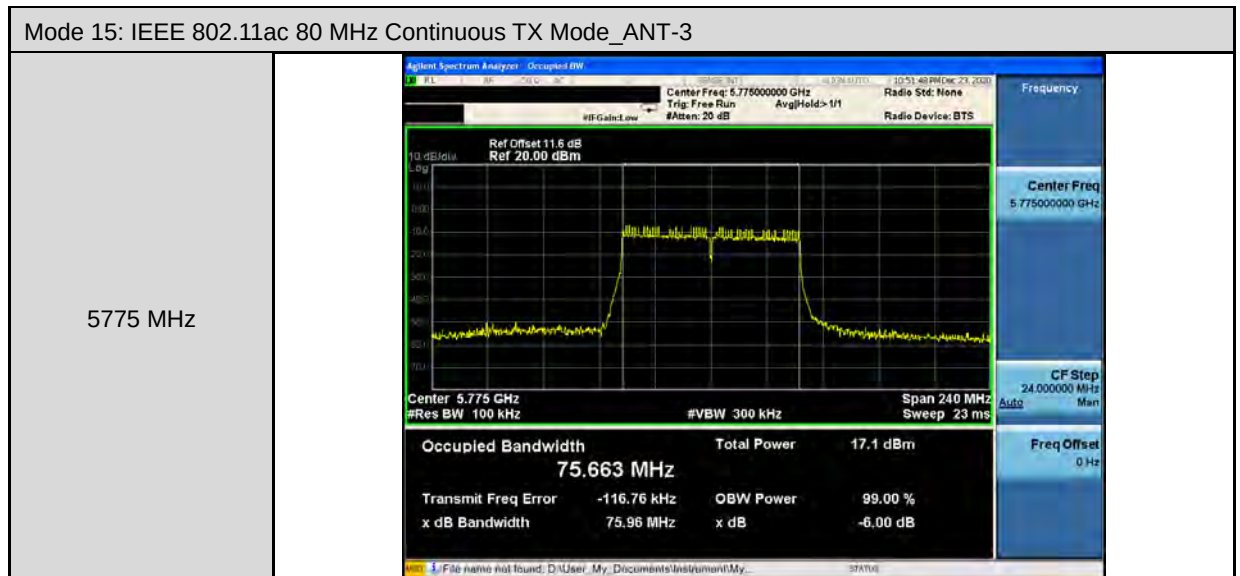
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2		
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.031 MHz Total Power 16.1 dBm Transmit Freq Error 28.296 kHz OBW Power 99.00 % x dB Bandwidth 19.15 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.019 MHz Total Power 16.6 dBm Transmit Freq Error 19.266 kHz OBW Power 99.00 % x dB Bandwidth 19.11 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My...	Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.004 MHz Total Power 15.9 dBm Transmit Freq Error 33.432 kHz OBW Power 99.00 % x dB Bandwidth 19.13 MHz x dB -6.00 dB File name not found: D:\User_My_Documents\Instrument\My...	Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

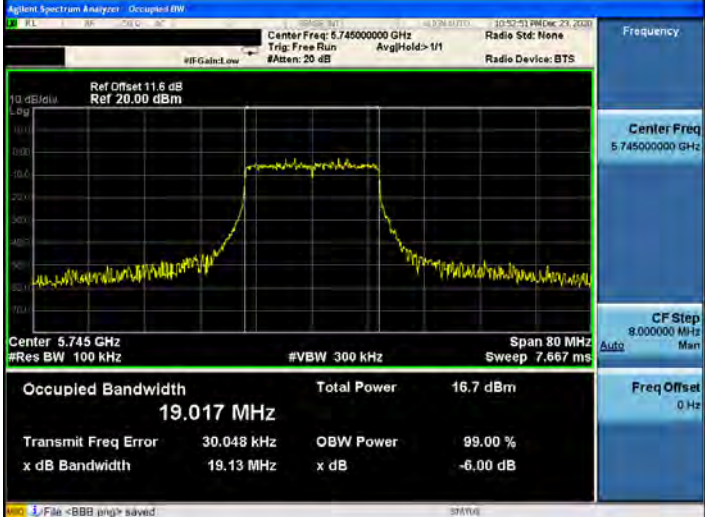
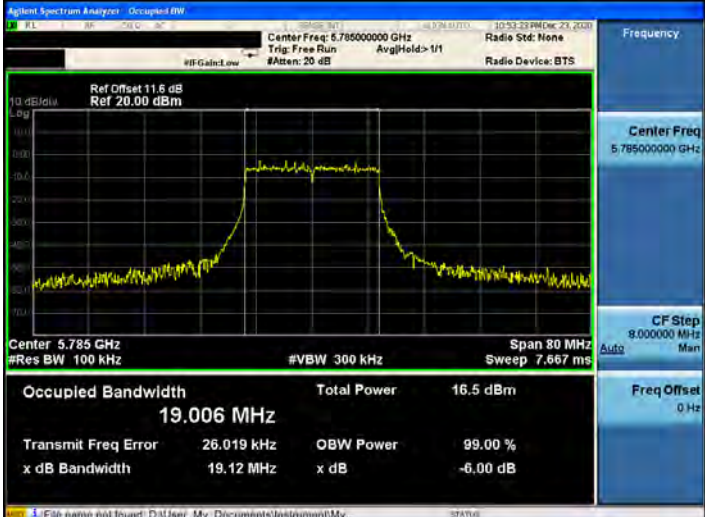
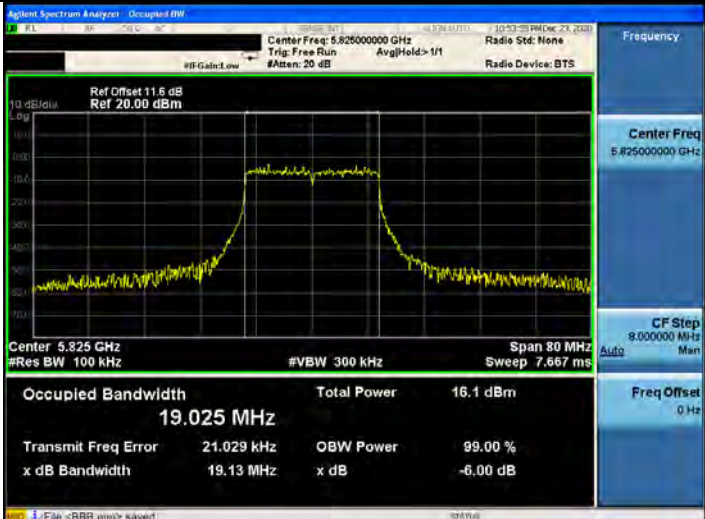


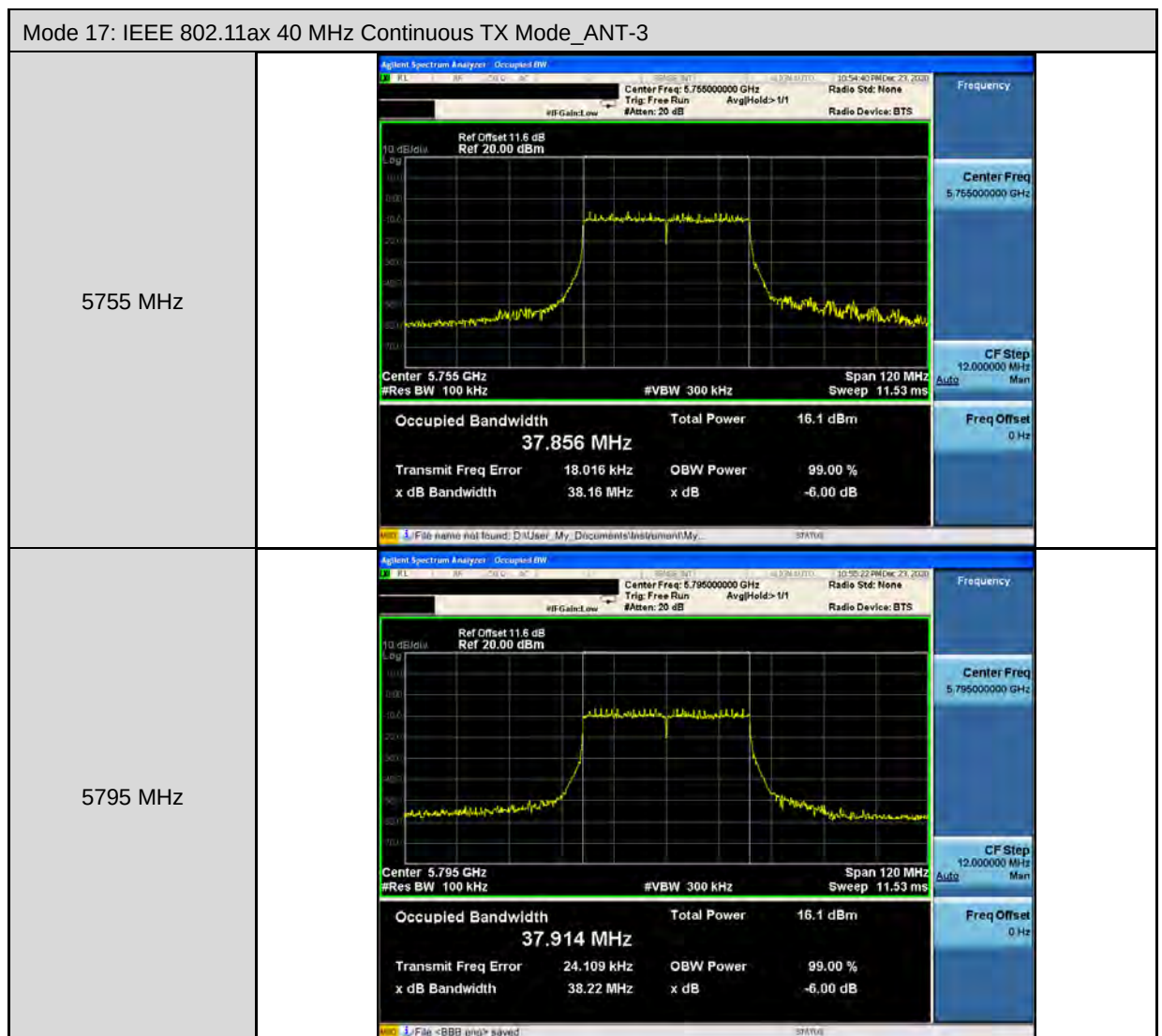


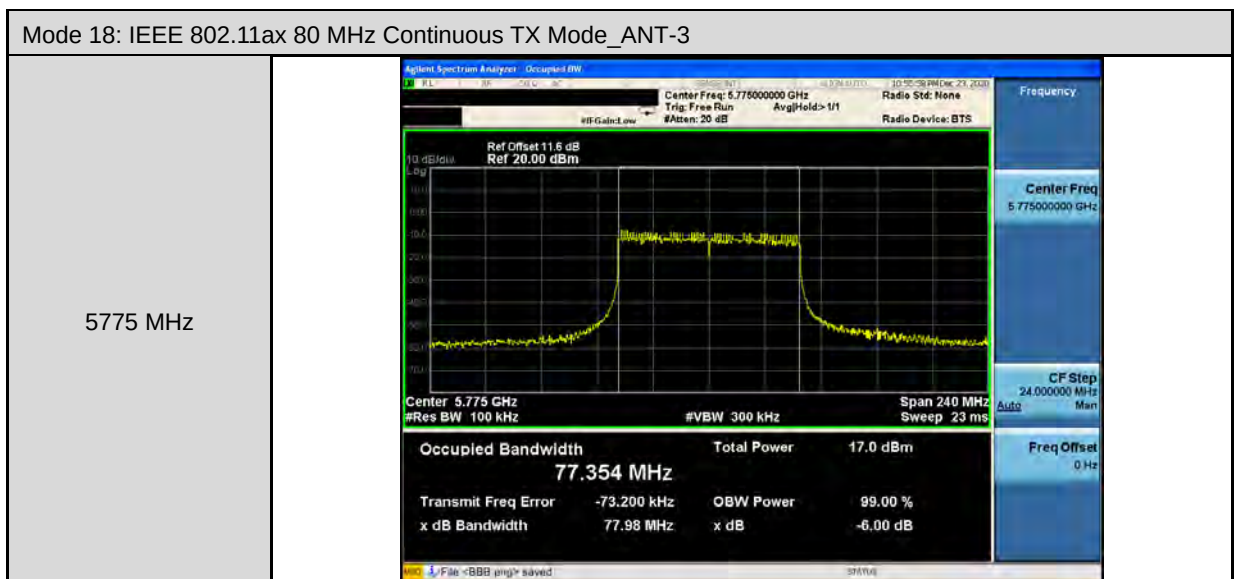
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3		
5745 MHz		Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
5785 MHz		Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
5825 MHz		Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz





Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-3		
5745 MHz		
5785 MHz		
5825 MHz		

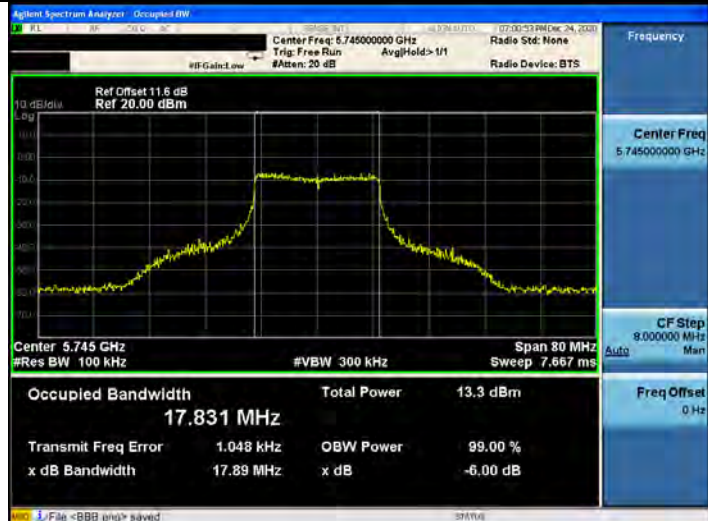




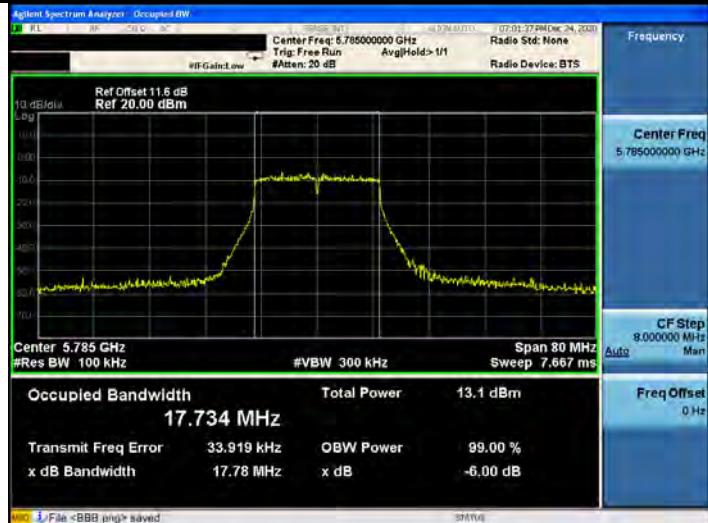
C Chip

Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-4

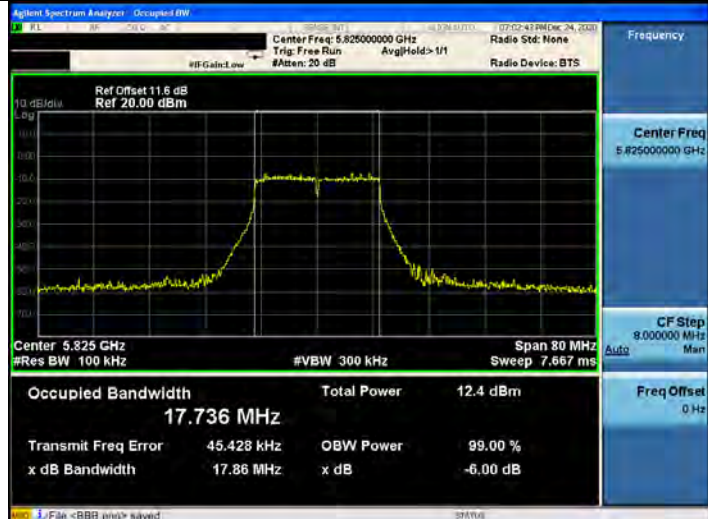
5745 MHz

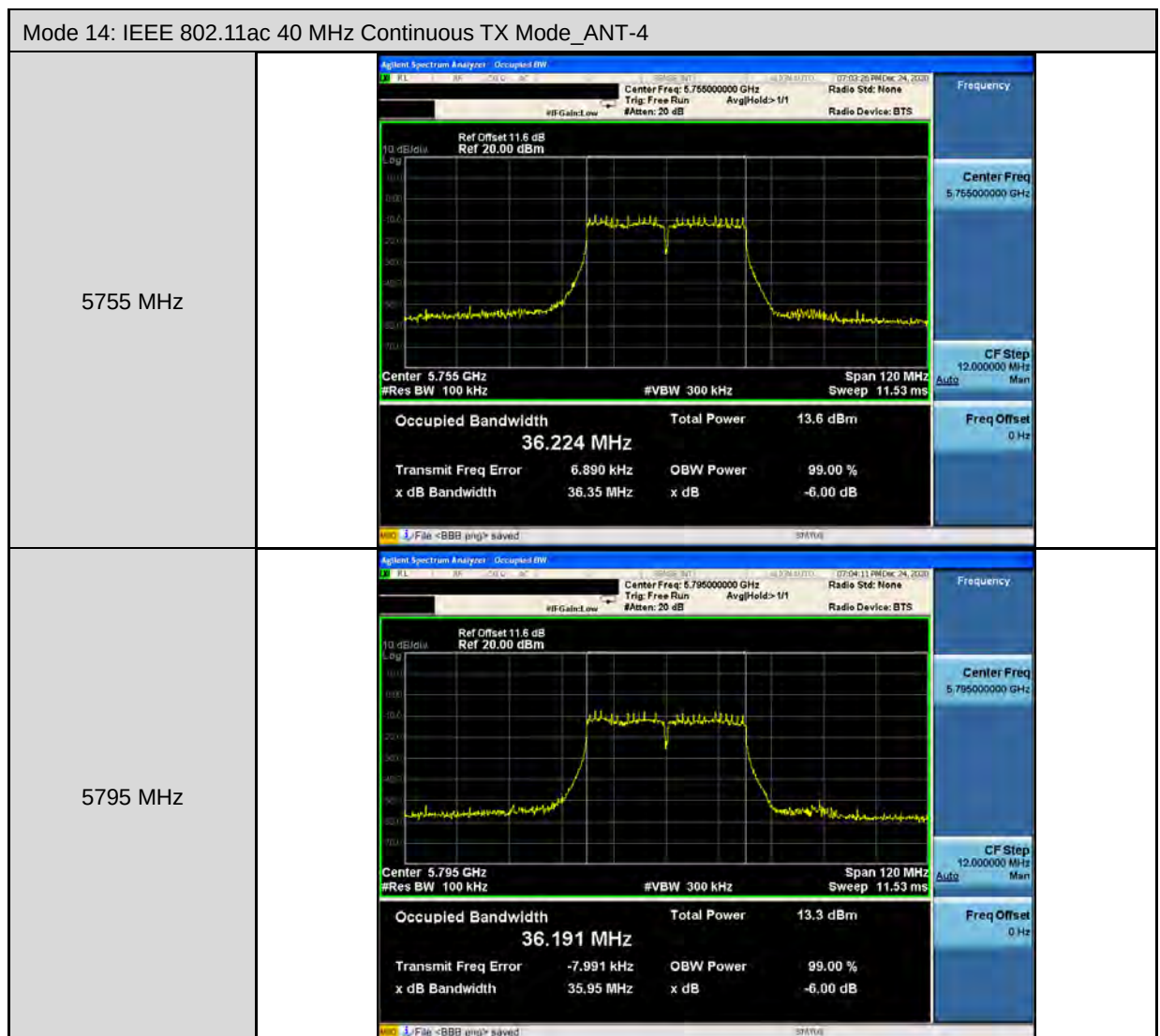


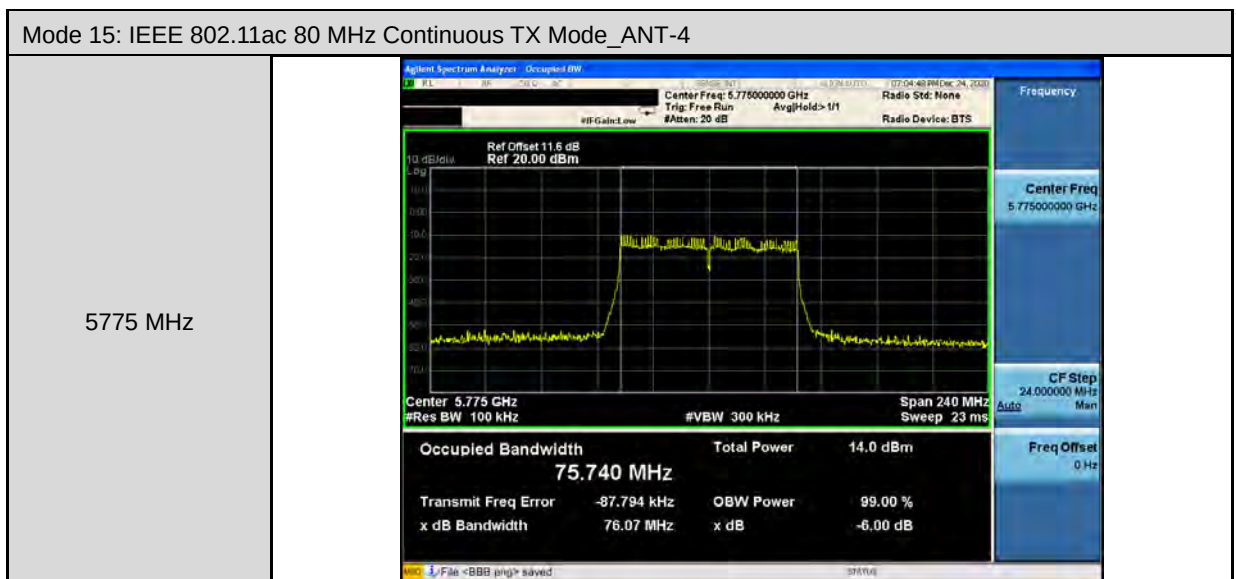
5785 MHz

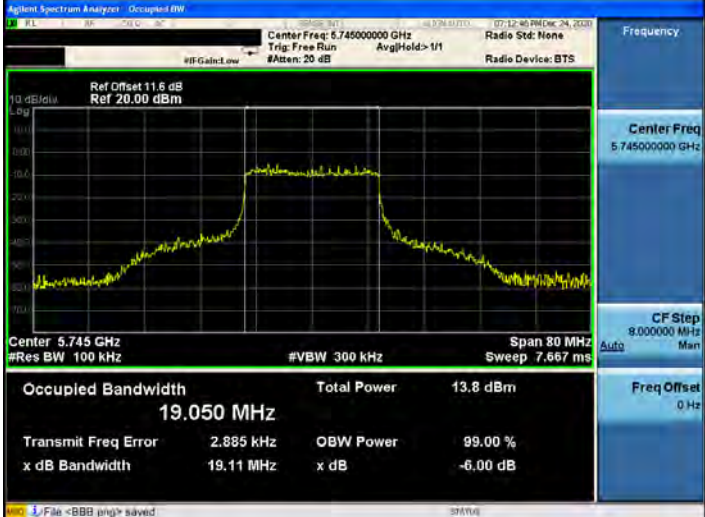
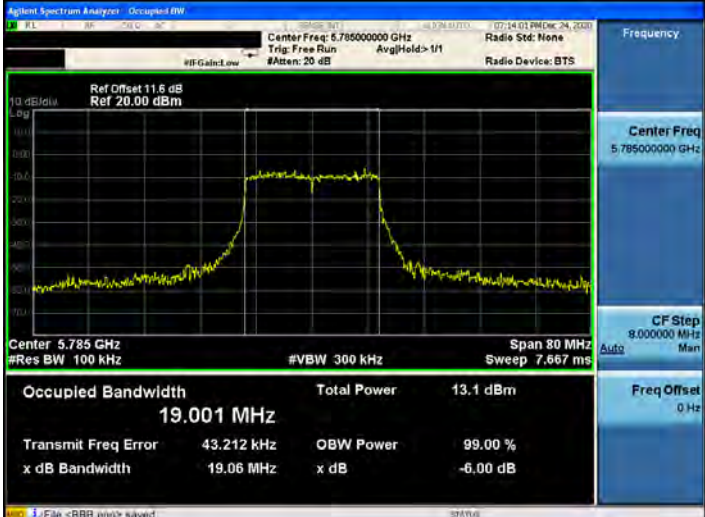
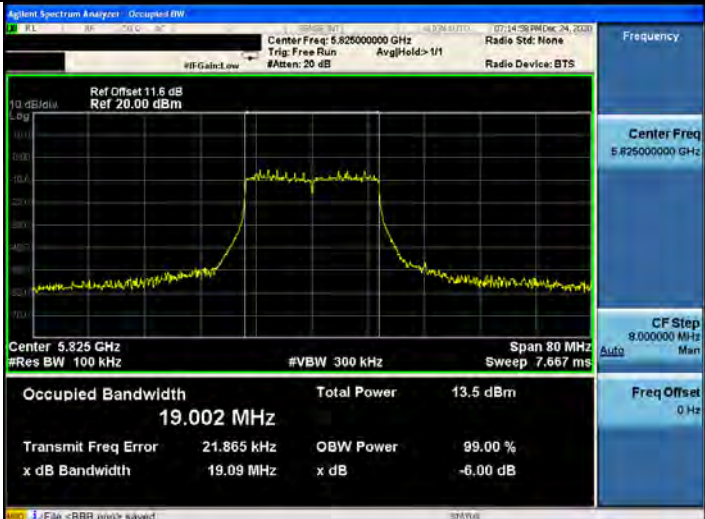


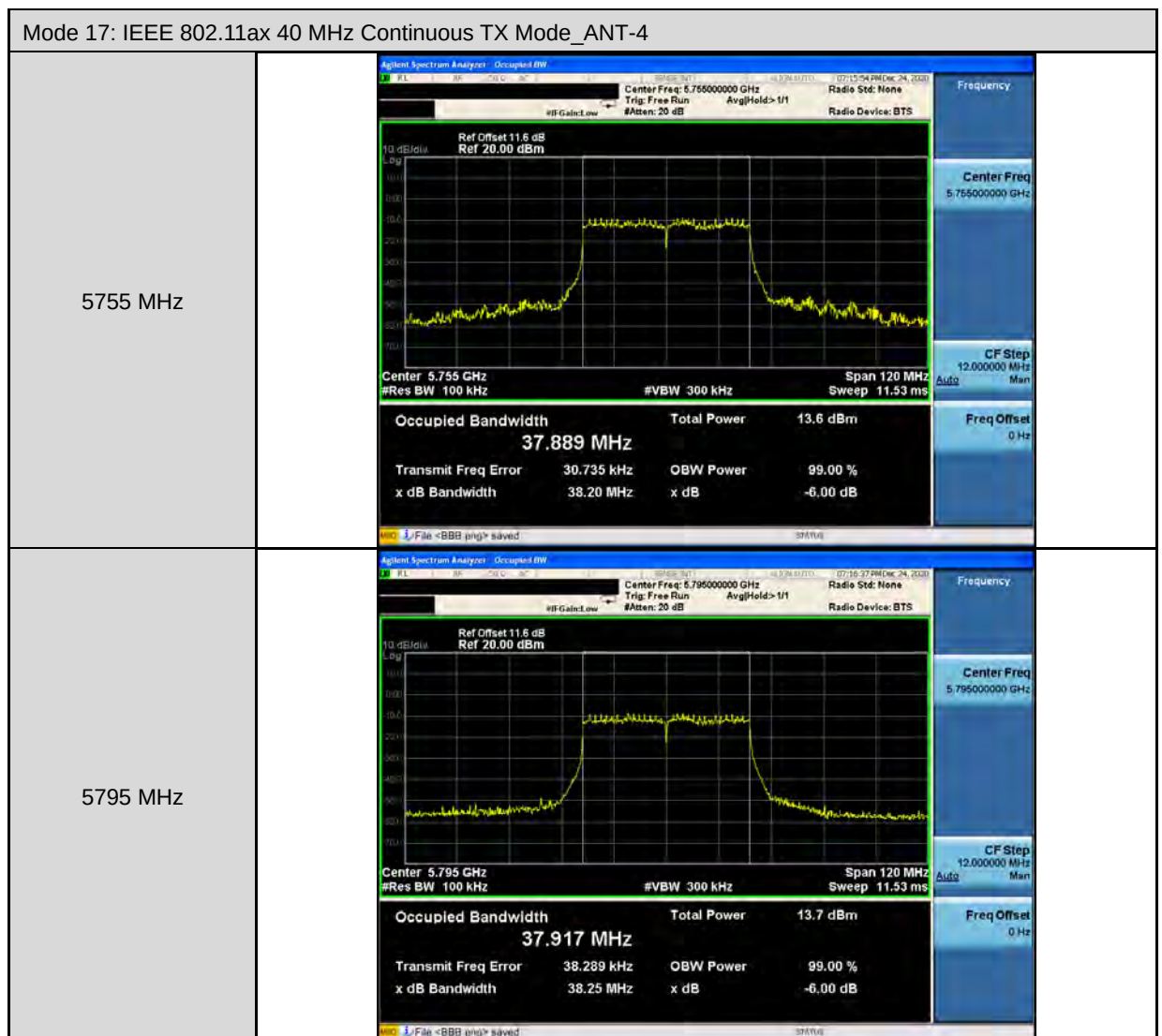
5825 MHz

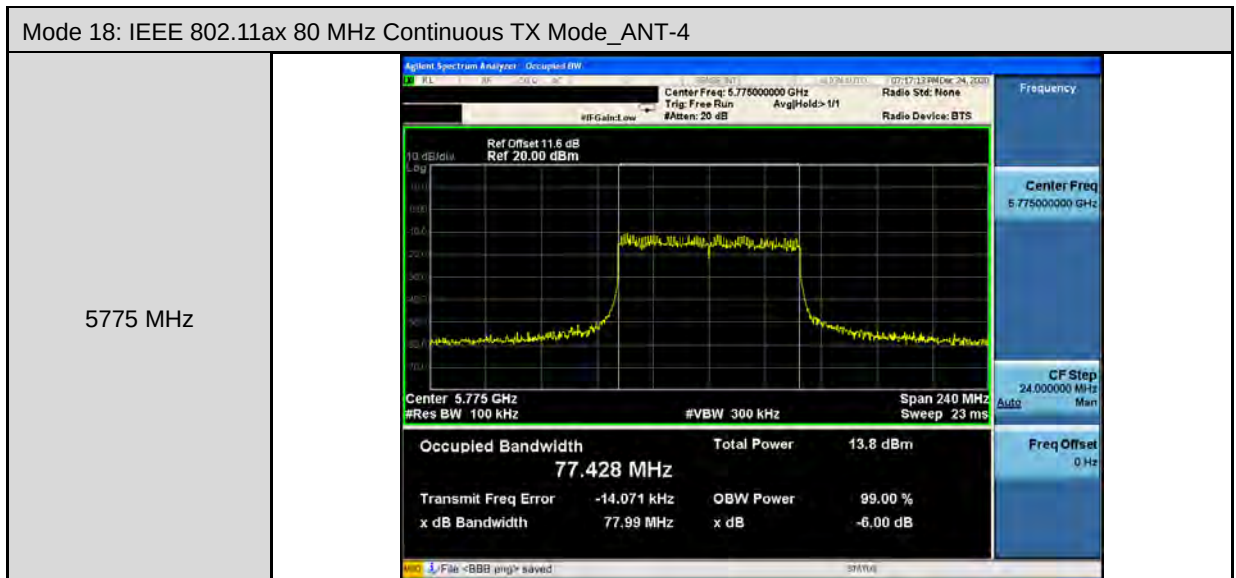


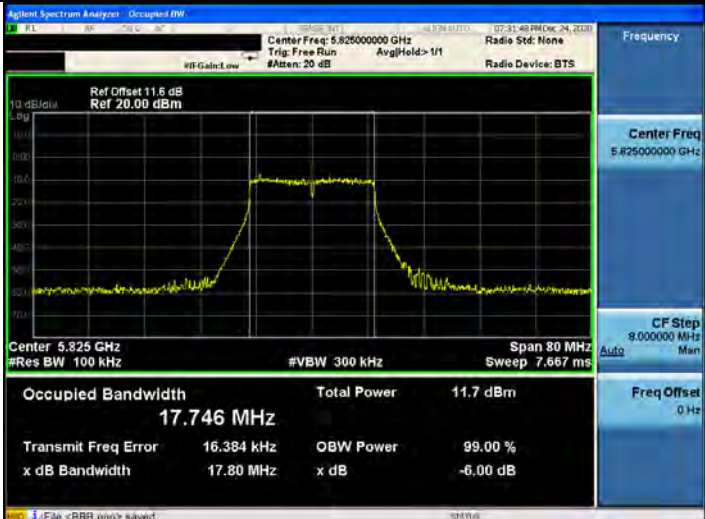


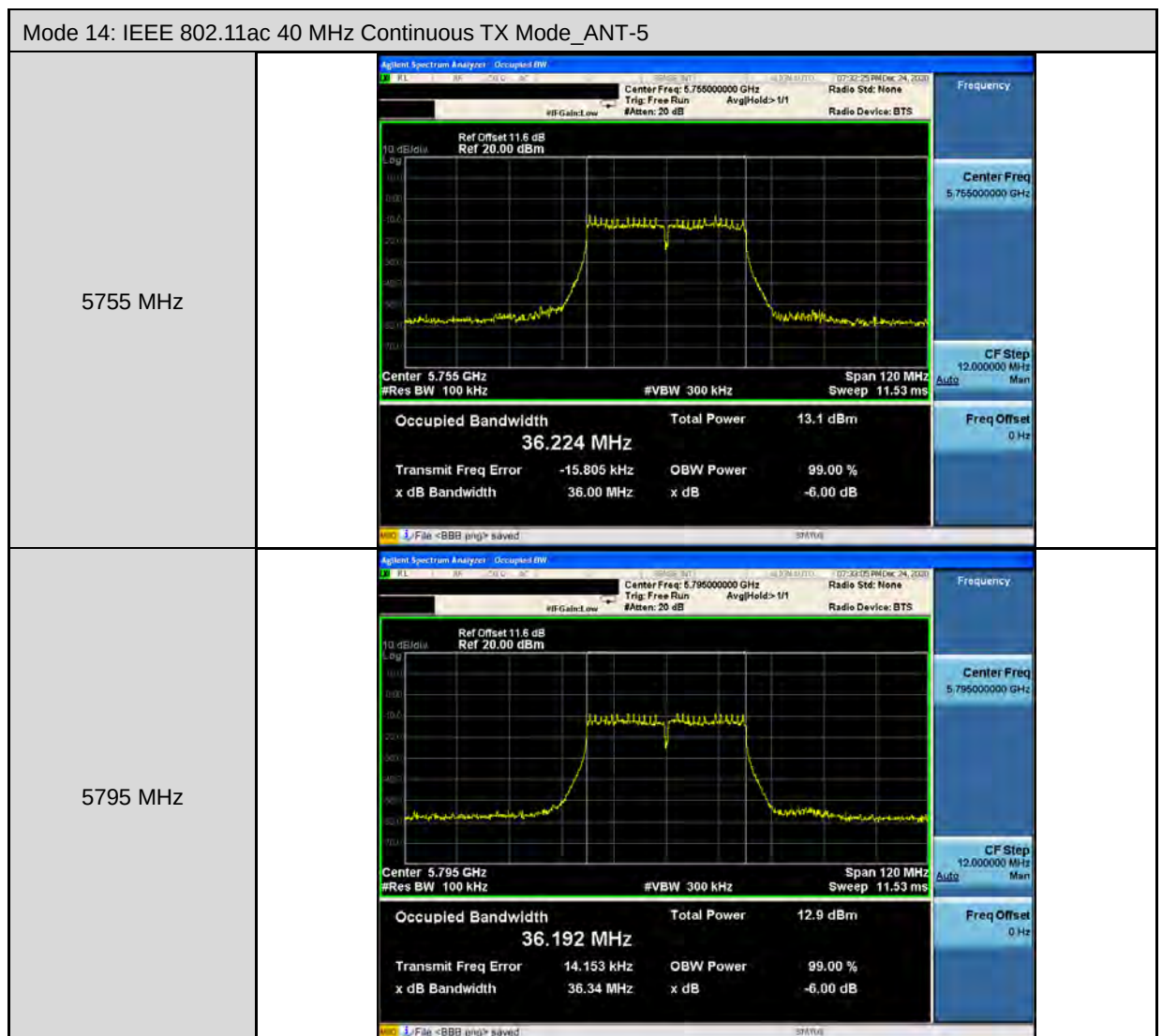


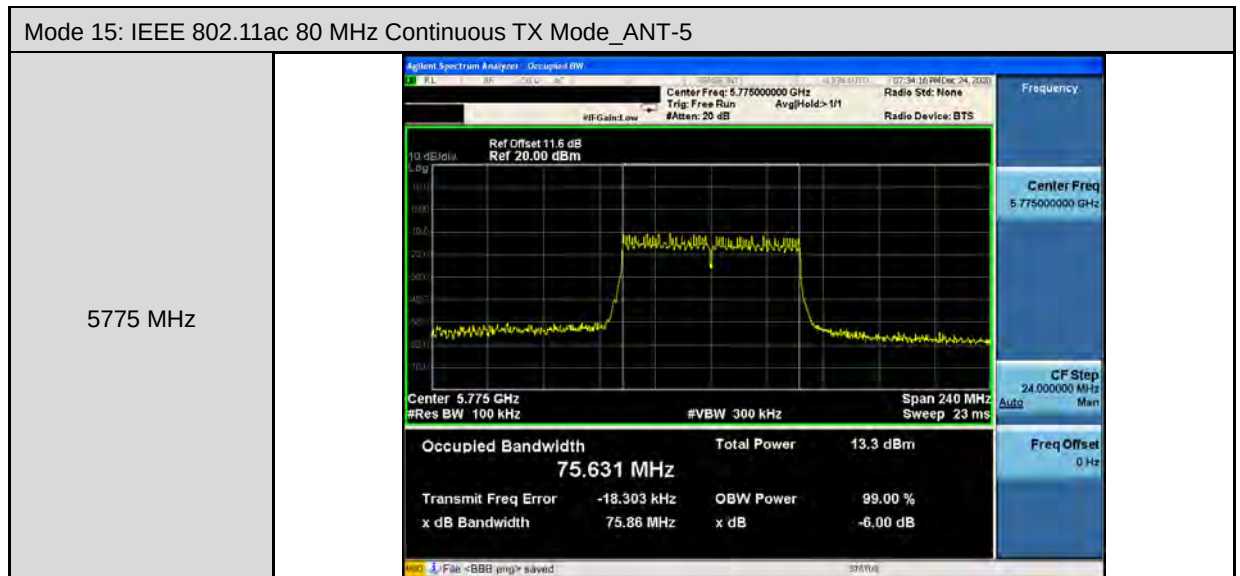
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-4		
5745 MHz		
5785 MHz		
5825 MHz		

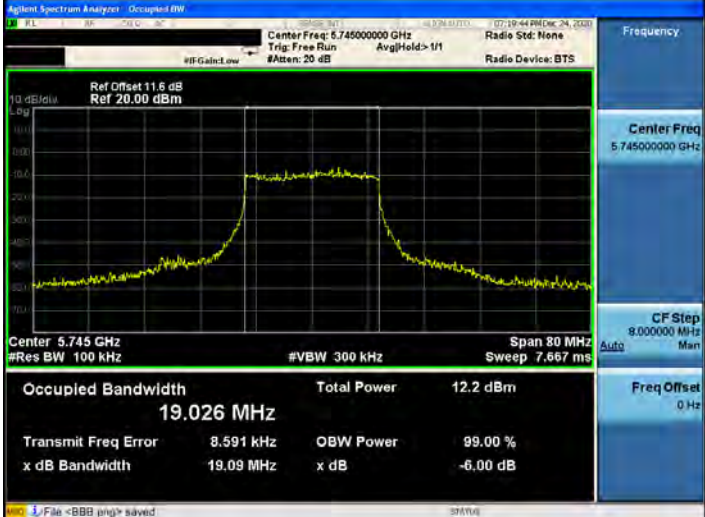
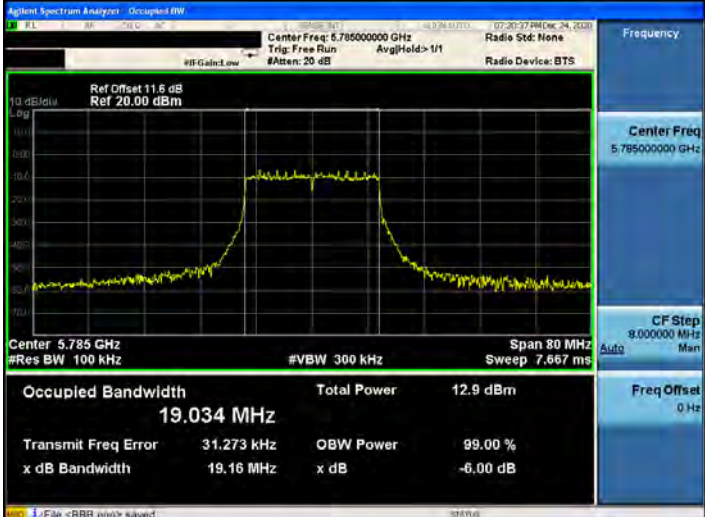
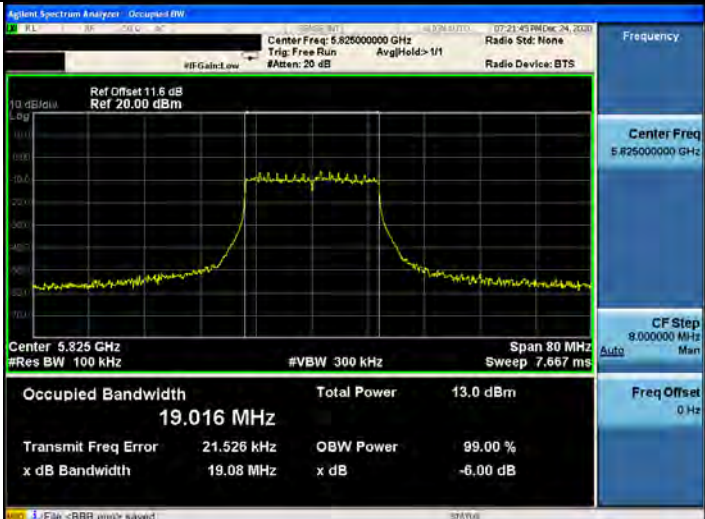


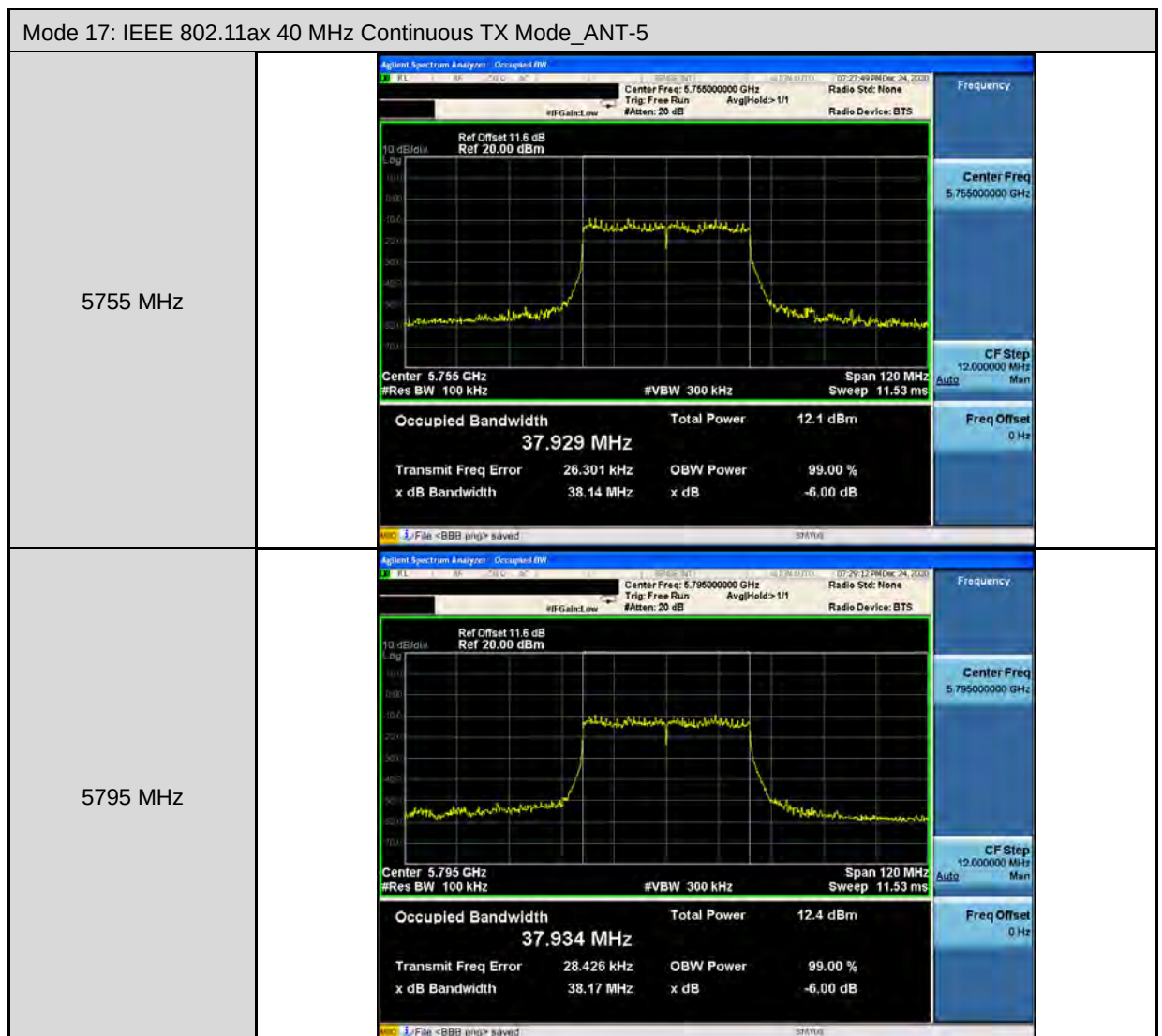


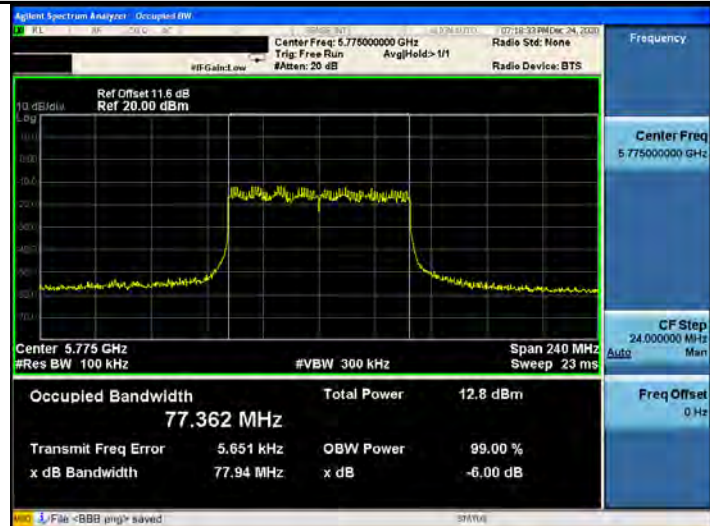
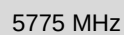
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-5		
5745 MHz		
5785 MHz		
5825 MHz		

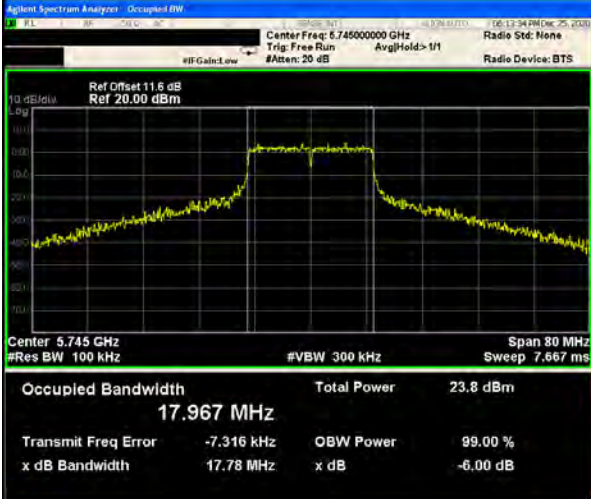
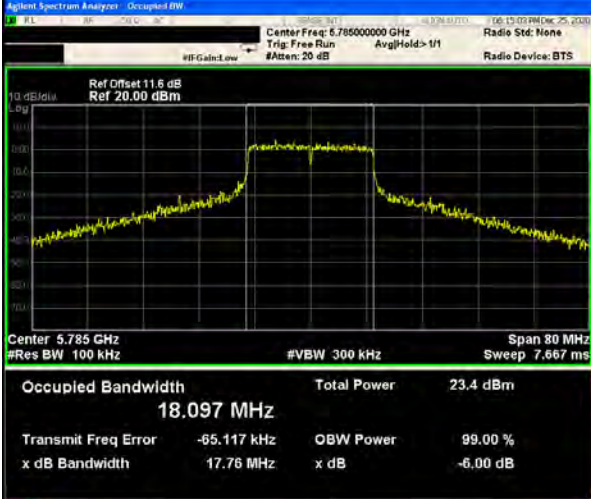
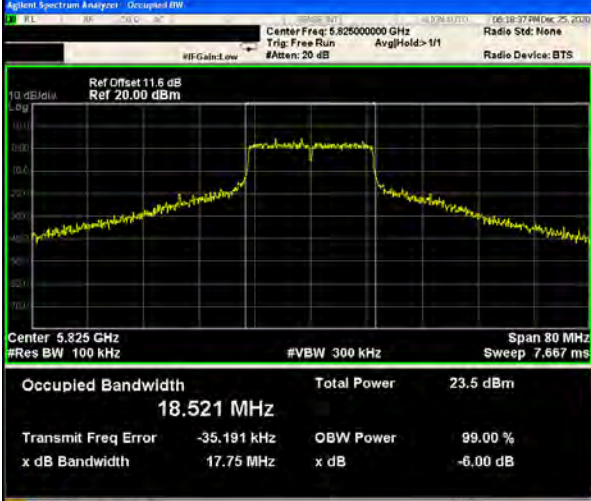


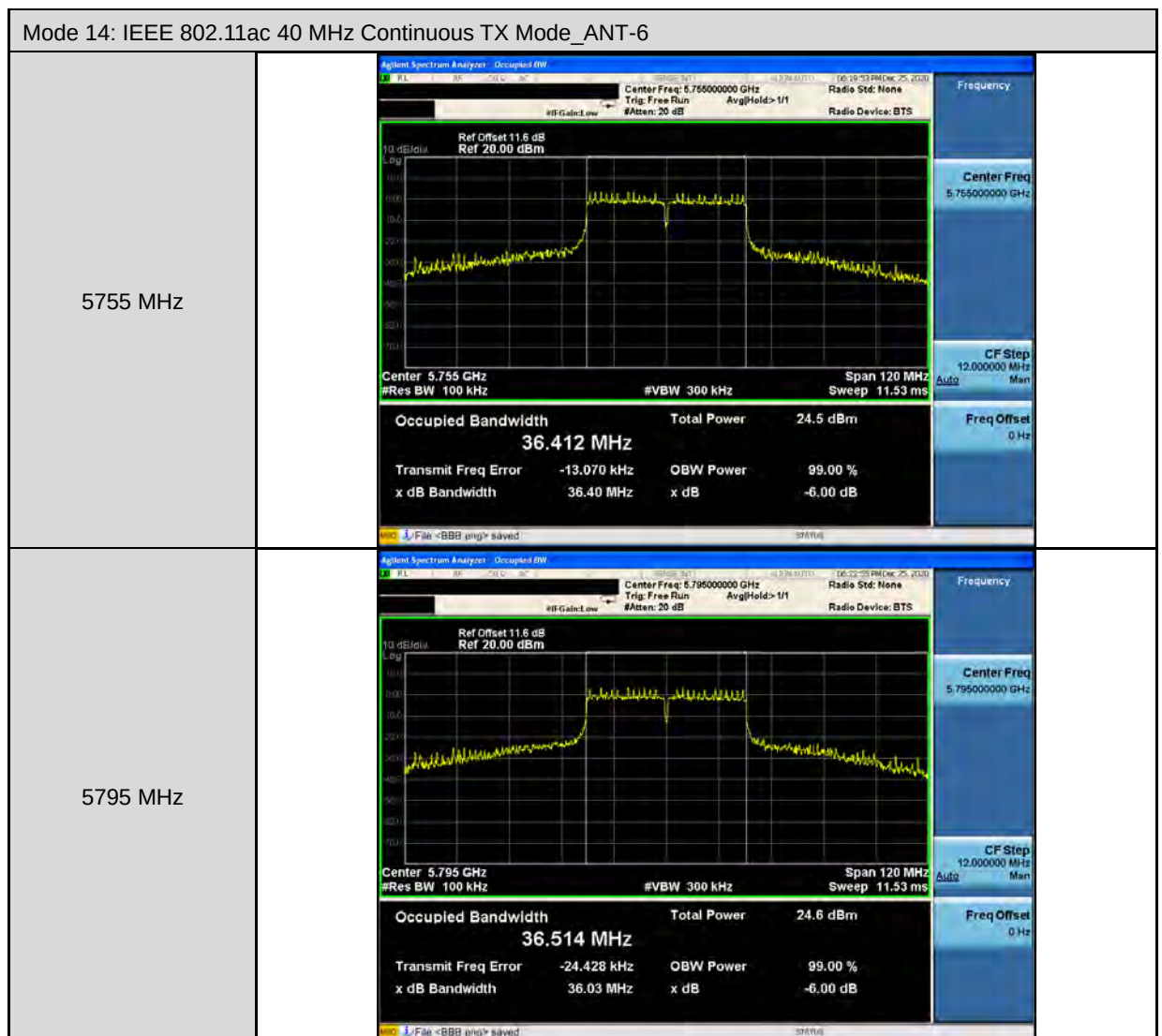


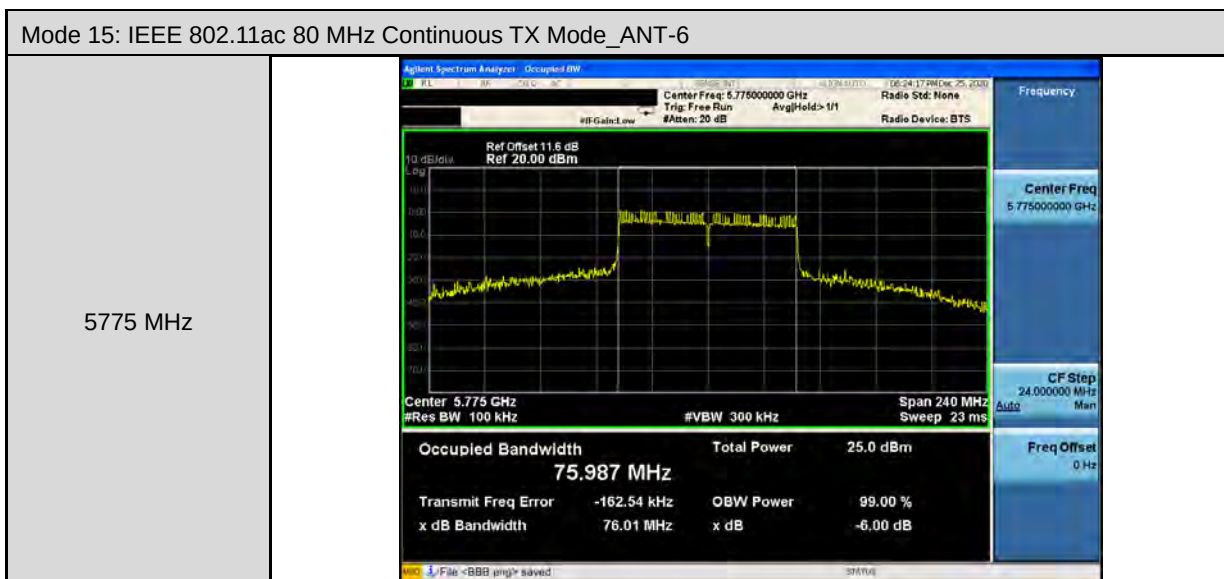
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-5		
5745 MHz		
5785 MHz		
5825 MHz		

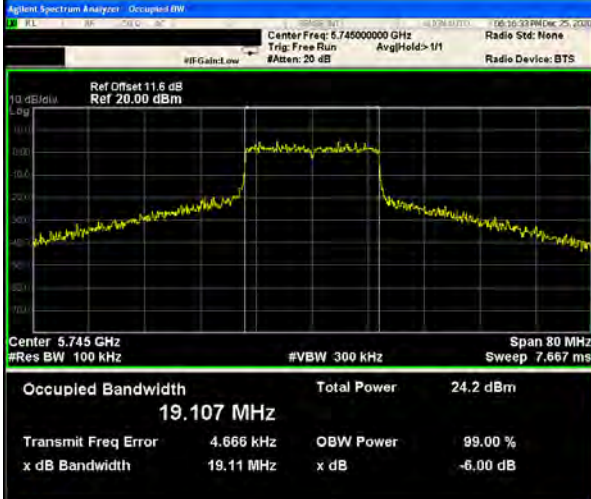
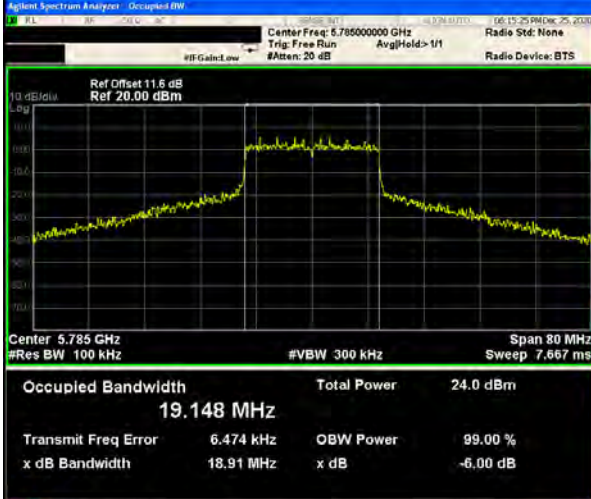
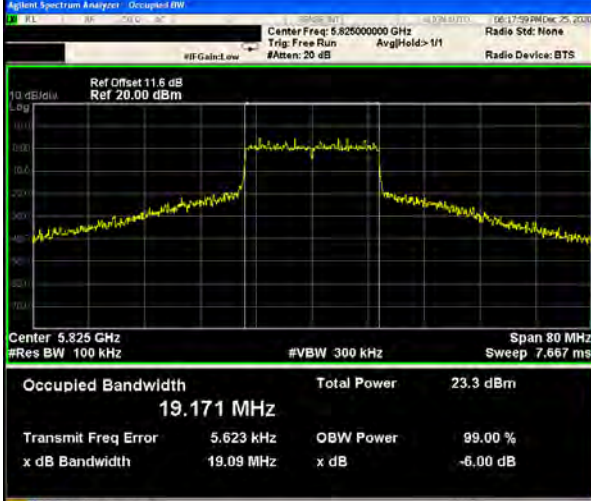


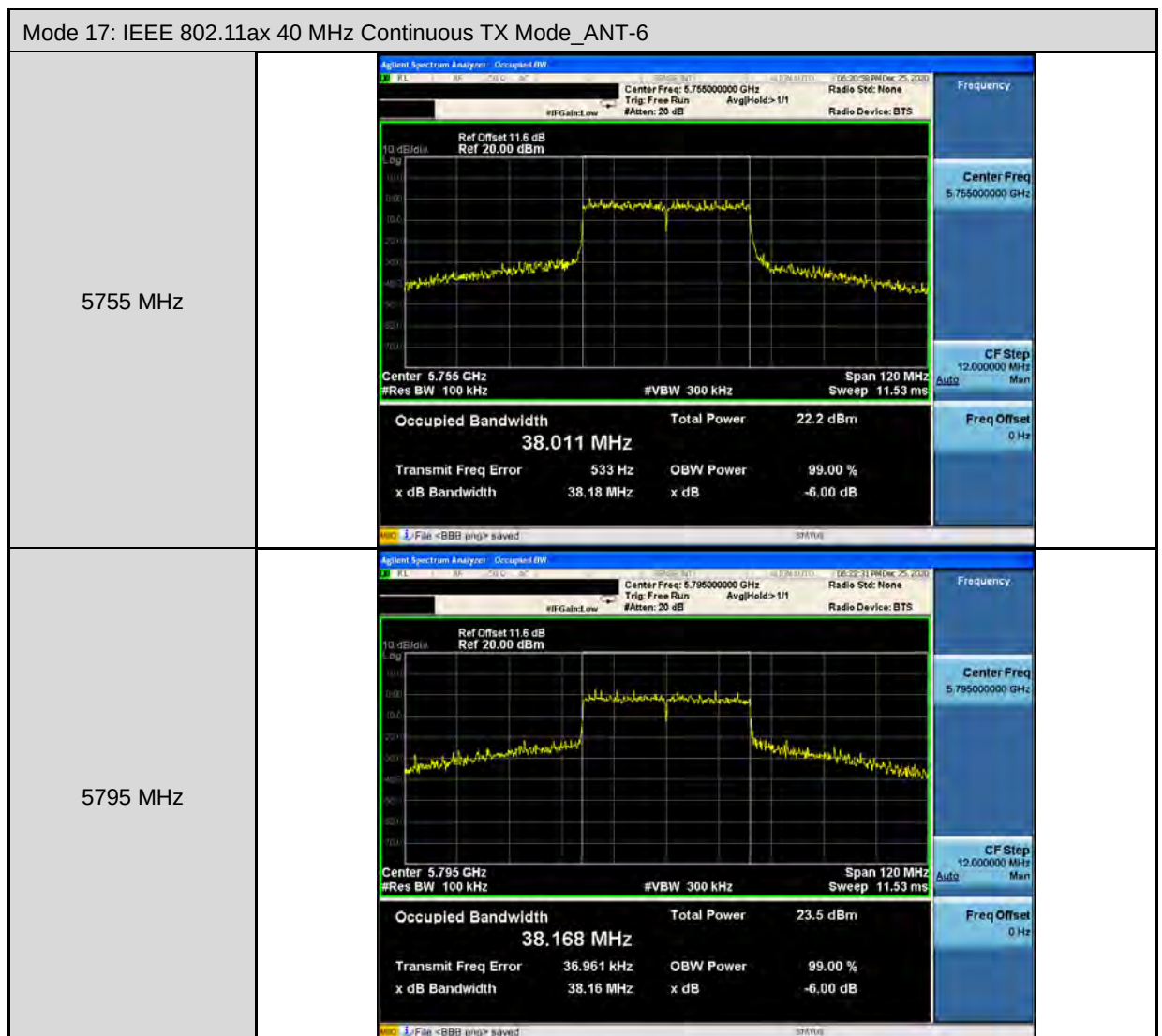


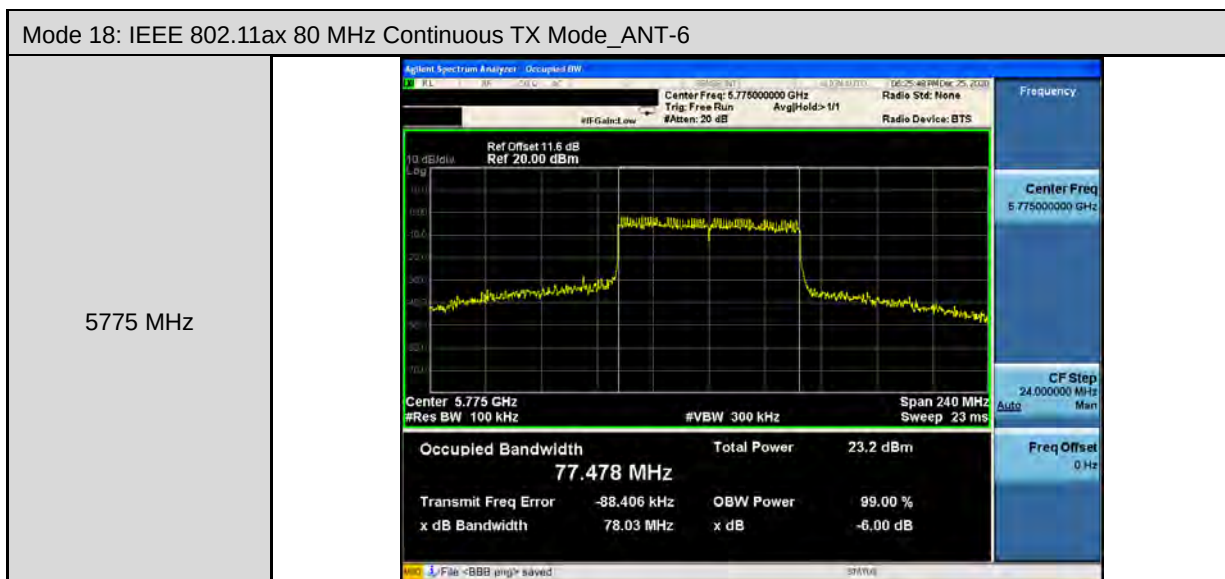
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-6			
5745 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.967 MHz Total Power 23.8 dBm Transmit Freq Error -7.316 kHz OBW Power 99.00 % x dB Bandwidth 17.78 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 18.097 MHz Total Power 23.4 dBm Transmit Freq Error -85.117 kHz OBW Power 99.00 % x dB Bandwidth 17.76 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 18.521 MHz Total Power 23.5 dBm Transmit Freq Error -35.191 kHz OBW Power 99.00 % x dB Bandwidth 17.75 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz





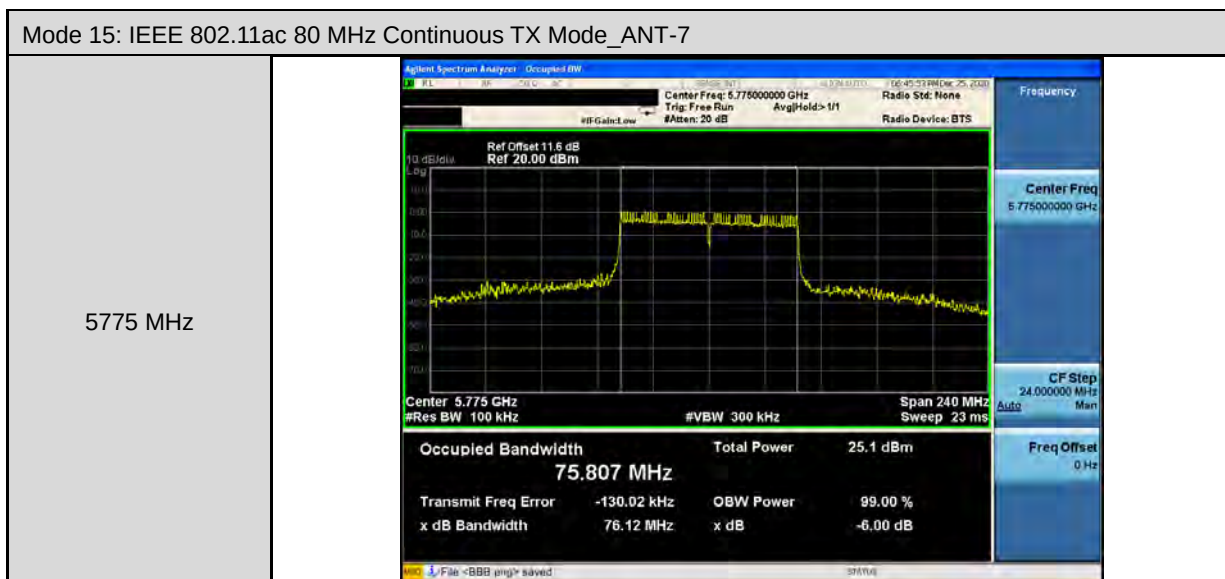
Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-6			
5745 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.107 MHz Total Power 24.2 dBm Transmit Freq Error 4.666 kHz OBW Power 99.00 % x dB Bandwidth 19.11 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.148 MHz Total Power 24.0 dBm Transmit Freq Error 6.474 kHz OBW Power 99.00 % x dB Bandwidth 18.91 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.785000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.171 MHz Total Power 23.3 dBm Transmit Freq Error 5.623 kHz OBW Power 99.00 % x dB Bandwidth 19.09 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.825000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz

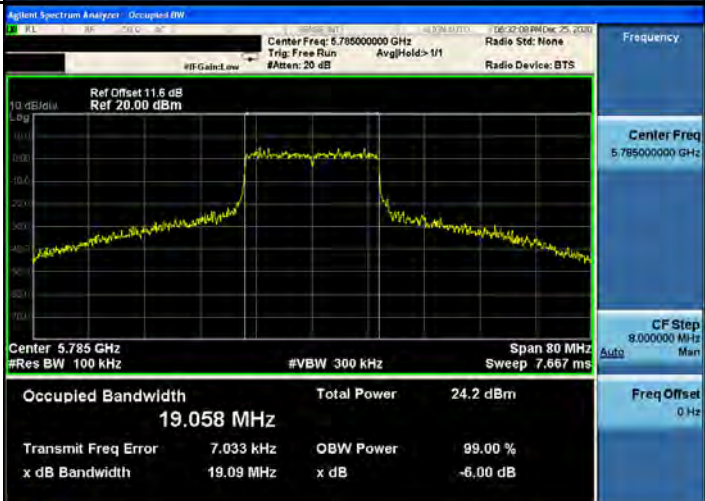
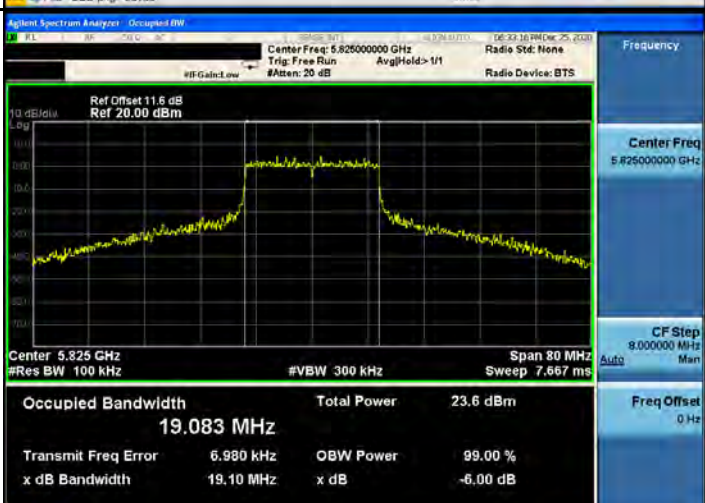


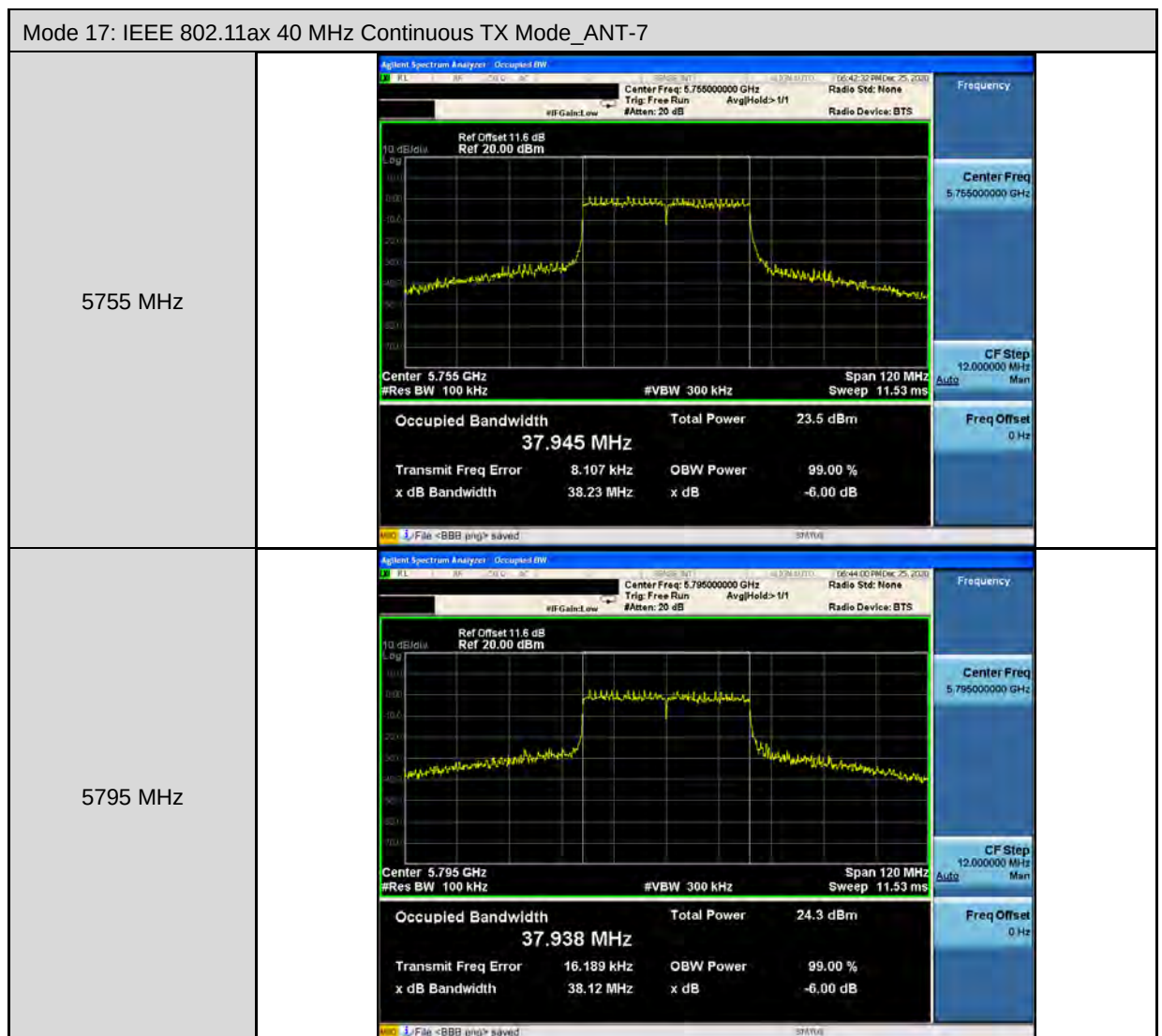


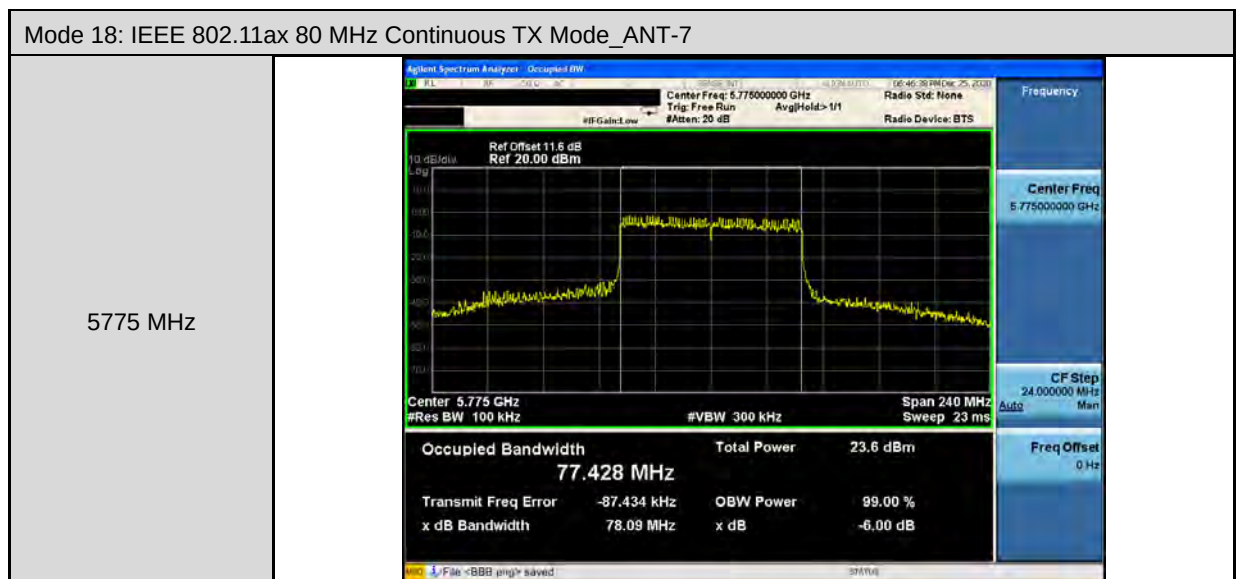
Mode 13: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-7			
5745 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.809 MHz Total Power 24.3 dBm Transmit Freq Error 18.567 kHz OBW Power 99.00 % x dB Bandwidth 17.79 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.822 MHz Total Power 23.9 dBm Transmit Freq Error 7.255 kHz OBW Power 99.00 % x dB Bandwidth 17.81 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.785000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.888 MHz Total Power 23.7 dBm Transmit Freq Error 8.594 kHz OBW Power 99.00 % x dB Bandwidth 17.80 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.825000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz





Mode 16: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-7		
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.074 MHz Total Power 24.5 dBm Transmit Freq Error 12.614 kHz OBW Power 99.00 % x dB Bandwidth 19.13 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.745000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.058 MHz Total Power 24.2 dBm Transmit Freq Error 7.033 kHz OBW Power 99.00 % x dB Bandwidth 19.09 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.785000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 19.083 MHz Total Power 23.6 dBm Transmit Freq Error 6.880 kHz OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -6.00 dB File <BBB.png> saved	Frequency Center Freq 5.825000000 GHz CF Step 8.0000000 MHz Auto Man Freq Offset 0 Hz





電波暴露量之評估

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
WLAN 2.4 GHz	2412~2462	1	20	17.36	10.52	11.27	1	613.654	0.1221
WLAN 5 GHz	5180~5240 5745~5825	1	20	20.85	15.03	31.84	1	3876.75	0.7713

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