



Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode				FCC Limit (dBm)
Frequency (MHz)	Data Rate	ANT-0		ANT-1		
		(dBm)	(W)	(dBm)	(W)	
5180.0	6 M	12.91	0.020	13.63	0.023	≤ 24.00
5200.0		12.87	0.019	13.65	0.023	
5220.0		12.52	0.018	13.31	0.021	
5240.0		12.71	0.019	13.32	0.021	
5260.0		12.52	0.018	13.09	0.020	
5280.0		12.61	0.018	13.16	0.021	≤ 24.00
5300.0		12.73	0.019	13.39	0.022	
5320.0		12.89	0.019	13.42	0.022	
5500.0		13.49	0.022	13.74	0.024	
5520.0		13.49	0.022	13.59	0.023	
5540.0		13.80	0.024	13.88	0.024	≤ 22.97
5560.0		13.75	0.024	13.79	0.024	
5580.0		13.86	0.024	13.88	0.024	
5600.0		13.66	0.023	13.70	0.023	
5620.0		13.82	0.024	13.84	0.024	
5640.0		13.90	0.025	13.94	0.025	
5660.0		13.86	0.024	13.93	0.025	
5680.0		13.73	0.024	13.87	0.024	
5700.0		13.62	0.023	13.77	0.024	
5720.0		12.53	0.018	13.06	0.020	
5720.0		6.12	0.004	6.64	0.005	≤ 30.00
5745.0		13.38	0.022	13.78	0.024	
5765.0		13.23	0.021	13.90	0.025	
5785.0		13.06	0.020	13.76	0.024	
5805.0		13.03	0.020	13.66	0.023	
5825.0		12.94	0.020	13.61	0.023	

Note: The relevant measured result has the offset with cable loss already.



Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	
5180.0	6.5 M	12.48	0.018	13.25	0.021	≤ 24.00
5200.0		12.60	0.018	13.41	0.022	
5220.0		12.36	0.017	13.02	0.020	
5240.0		12.30	0.017	13.14	0.021	
5260.0		12.43	0.017	13.04	0.020	
5280.0		12.44	0.018	13.07	0.020	
5300.0		12.41	0.017	13.12	0.021	
5320.0		12.84	0.019	13.26	0.021	
5500.0		13.27	0.021	13.51	0.022	≤ 23.04
5520.0		13.34	0.022	13.35	0.022	
5540.0		13.63	0.023	13.65	0.023	
5560.0		13.37	0.022	13.41	0.022	
5580.0		13.58	0.023	13.63	0.023	
5600.0		13.41	0.022	13.45	0.022	
5620.0		13.51	0.022	13.63	0.023	
5640.0		13.73	0.024	13.76	0.024	
5660.0		13.76	0.024	13.82	0.024	
5680.0		13.67	0.023	13.78	0.024	
5700.0		13.54	0.023	13.80	0.024	
5720.0		12.86	0.019	13.44	0.022	
5720.0		6.84	0.005	7.39	0.005	
5745.0		13.30	0.021	13.87	0.024	
5765.0		13.11	0.020	13.81	0.024	
5785.0		12.99	0.020	13.59	0.023	
5805.0		13.04	0.020	13.82	0.024	
5825.0		12.83	0.019	13.69	0.023	

Note: The relevant measured result has the offset with cable loss already.



Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode				FCC Limit (dBm)	
Frequency (MHz)	Data Rate	ANT-0		ANT-1			
		(dBm)	(W)	(dBm)	(W)		
5190.0	13.5 M	9.79	0.010	9.93	0.010	≤ 24.00	
5230.0		11.86	0.015	12.46	0.018		
5270.0		11.70	0.015	12.19	0.017		
5310.0		12.02	0.016	12.37	0.017		
5510.0		12.75	0.019	12.81	0.019		
5550.0		12.78	0.019	12.88	0.019		
5590.0		12.71	0.019	12.92	0.020		
5630.0		13.05	0.020	13.25	0.021		
5670.0		12.92	0.020	13.44	0.022		
5710.0		11.52	0.014	11.53	0.014		
5710.0		-1.60	0.001	-1.54	0.001		≤ 30.00
5755.0		12.71	0.019	12.98	0.020		
5795.0		12.75	0.019	12.94	0.020		

Note: The relevant measured result has the offset with cable loss already.



26 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode
Frequency (MHz)	ANT-1
5180.0	20.660
5200.0	21.100
5240.0	20.590
5260.0	21.020
5280.0	20.640
5320.0	20.880
5500.0	20.830
5560.0	20.460
5700.0	21.970
5720.0	15.730

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Frequency (MHz)	ANT-1
5180.0	21.640
5200.0	21.640
5240.0	21.540
5260.0	21.010
5280.0	21.240
5320.0	21.460
5500.0	20.940
5560.0	21.190
5700.0	22.010
5720.0	16.000



Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Frequency (MHz)	ANT-1
5190.0	42.180
5230.0	42.350
5270.0	43.780
5310.0	42.280
5510.0	42.990
5550.0	42.840
5670.0	42.580
5710.0	36.310



■ Test Graphs

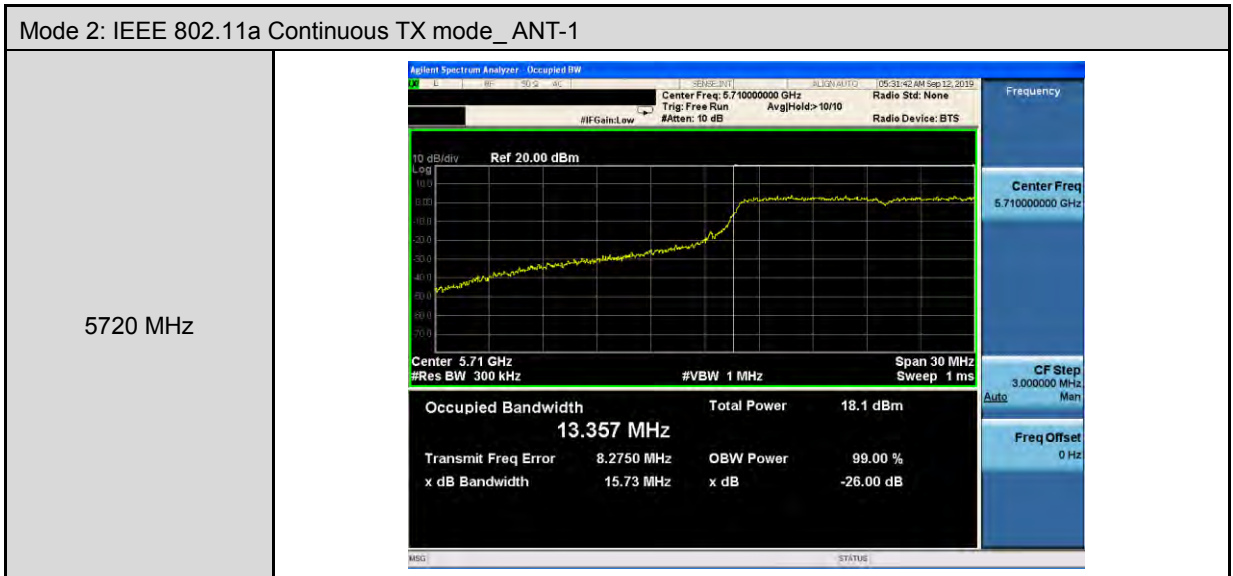
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1													
5180 MHz	<p>Center Freq: 5.18000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 25 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>16.550 MHz</td><td>Total Power</td><td>16.1 dBm</td></tr><tr><td>Transmit Freq Error</td><td>31.524 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>20.66 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	16.550 MHz	Total Power	16.1 dBm	Transmit Freq Error	31.524 kHz	OBW Power	99.00 %	x dB Bandwidth	20.66 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.550 MHz	Total Power	16.1 dBm										
Transmit Freq Error	31.524 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.66 MHz	x dB	-26.00 dB										
5200 MHz	<p>Center Freq: 5.20000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 25 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>16.522 MHz</td><td>Total Power</td><td>15.8 dBm</td></tr><tr><td>Transmit Freq Error</td><td>36.275 kHz</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>21.10 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	16.522 MHz	Total Power	15.8 dBm	Transmit Freq Error	36.275 kHz	OBW Power	99.00 %	x dB Bandwidth	21.10 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.522 MHz	Total Power	15.8 dBm										
Transmit Freq Error	36.275 kHz	OBW Power	99.00 %										
x dB Bandwidth	21.10 MHz	x dB	-26.00 dB										
5240 MHz	<p>Center Freq: 5.24000000 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 25 MHz Sweep: 1 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>16.487 MHz</td><td>Total Power</td><td>16.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>38.243 kHz</td><td>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>	Occupied Bandwidth	16.487 MHz	Total Power	16.2 dBm	Transmit Freq Error	38.243 kHz	OBW Power	99.00 %	x dB Bandwidth	20.59 MHz	x dB	-26.00 dB
Occupied Bandwidth	16.487 MHz	Total Power	16.2 dBm										
Transmit Freq Error	38.243 kHz	OBW Power	99.00 %										
x dB Bandwidth	20.59 MHz	x dB	-26.00 dB										



Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5260 MHz	<p>Center Freq: 5.26000000 GHz</p> <p>Occupied Bandwidth: 16.522 MHz</p> <p>Total Power: 16.6 dBm</p> <p>Transmit Freq Error: 35.775 kHz</p> <p>x dB Bandwidth: 21.02 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5280 MHz	<p>Center Freq: 5.28000000 GHz</p> <p>Occupied Bandwidth: 16.523 MHz</p> <p>Total Power: 17.1 dBm</p> <p>Transmit Freq Error: 30.856 kHz</p> <p>x dB Bandwidth: 20.64 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5320 MHz	<p>Center Freq: 5.32000000 GHz</p> <p>Occupied Bandwidth: 16.520 MHz</p> <p>Total Power: 17.1 dBm</p> <p>Transmit Freq Error: 35.827 kHz</p> <p>x dB Bandwidth: 20.88 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>



Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5500 MHz	<p>Center Freq: 5.50000000 GHz</p> <p>Occupied Bandwidth: 16.512 MHz</p> <p>Total Power: 17.2 dBm</p> <p>Transmit Freq Error: 17.674 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 20.83 MHz</p> <p>x dB: -26.00 dB</p>
5560 MHz	<p>Center Freq: 5.56000000 GHz</p> <p>Occupied Bandwidth: 16.512 MHz</p> <p>Total Power: 17.1 dBm</p> <p>Transmit Freq Error: 20.061 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 20.46 MHz</p> <p>x dB: -26.00 dB</p>
5700 MHz	<p>Center Freq: 5.70000000 GHz</p> <p>Occupied Bandwidth: 16.581 MHz</p> <p>Total Power: 17.0 dBm</p> <p>Transmit Freq Error: 11.066 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 21.97 MHz</p> <p>x dB: -26.00 dB</p>





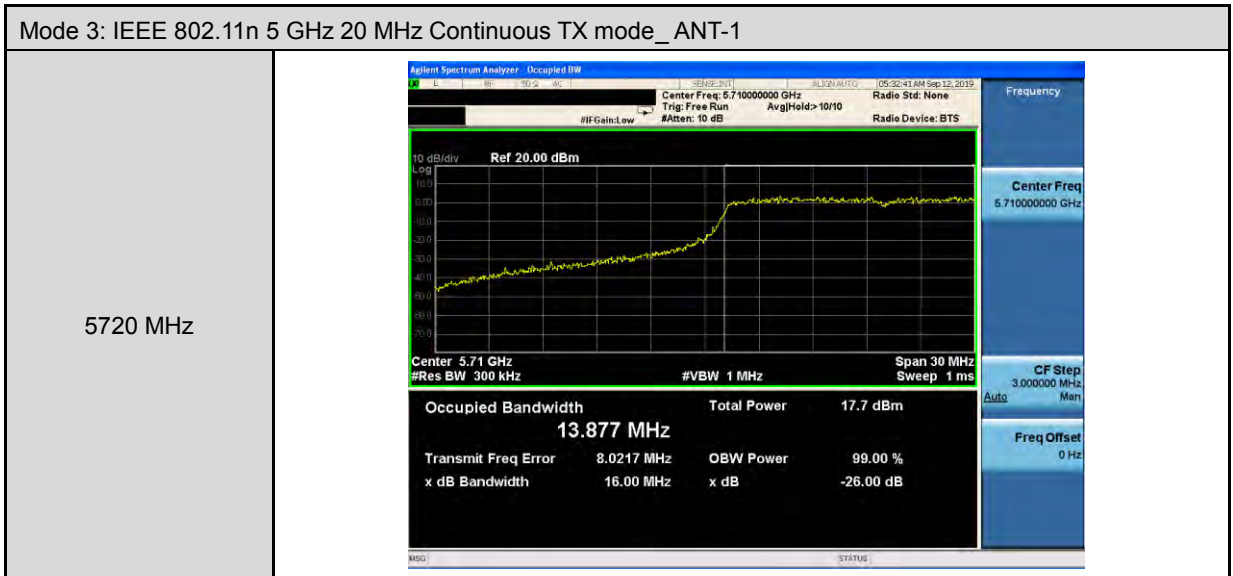
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-1	
5180 MHz	<p>Center Freq: 5.18000000 GHz</p> <p>Occupied Bandwidth: 17.616 MHz</p> <p>Total Power: 16.0 dBm</p> <p>Transmit Freq Error: 31.419 kHz</p> <p>x dB Bandwidth: 21.64 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5200 MHz	<p>Center Freq: 5.20000000 GHz</p> <p>Occupied Bandwidth: 17.623 MHz</p> <p>Total Power: 16.3 dBm</p> <p>Transmit Freq Error: 43.121 kHz</p> <p>x dB Bandwidth: 21.64 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5240 MHz	<p>Center Freq: 5.24000000 GHz</p> <p>Occupied Bandwidth: 17.599 MHz</p> <p>Total Power: 16.1 dBm</p> <p>Transmit Freq Error: 35.880 kHz</p> <p>x dB Bandwidth: 21.54 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>

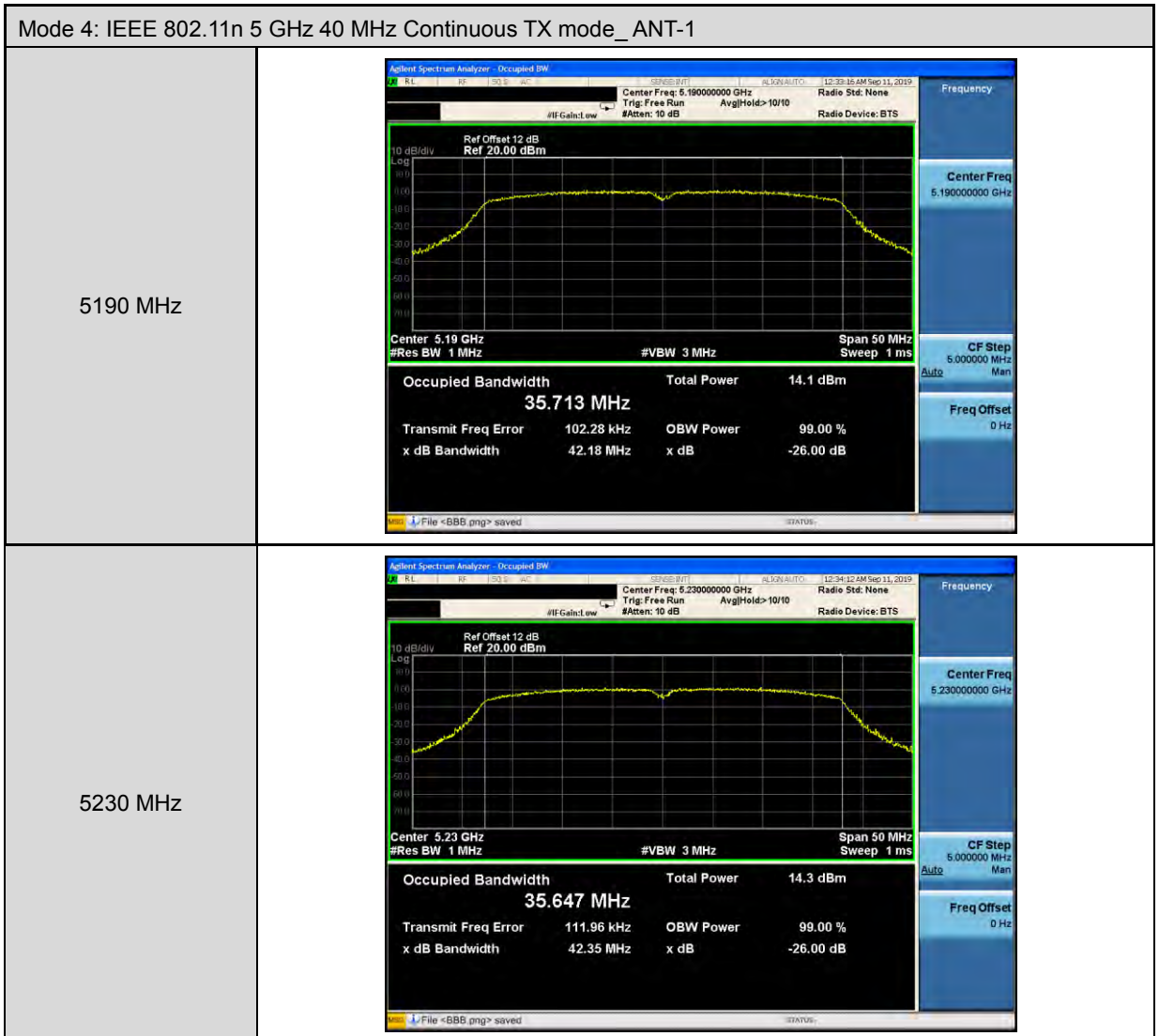


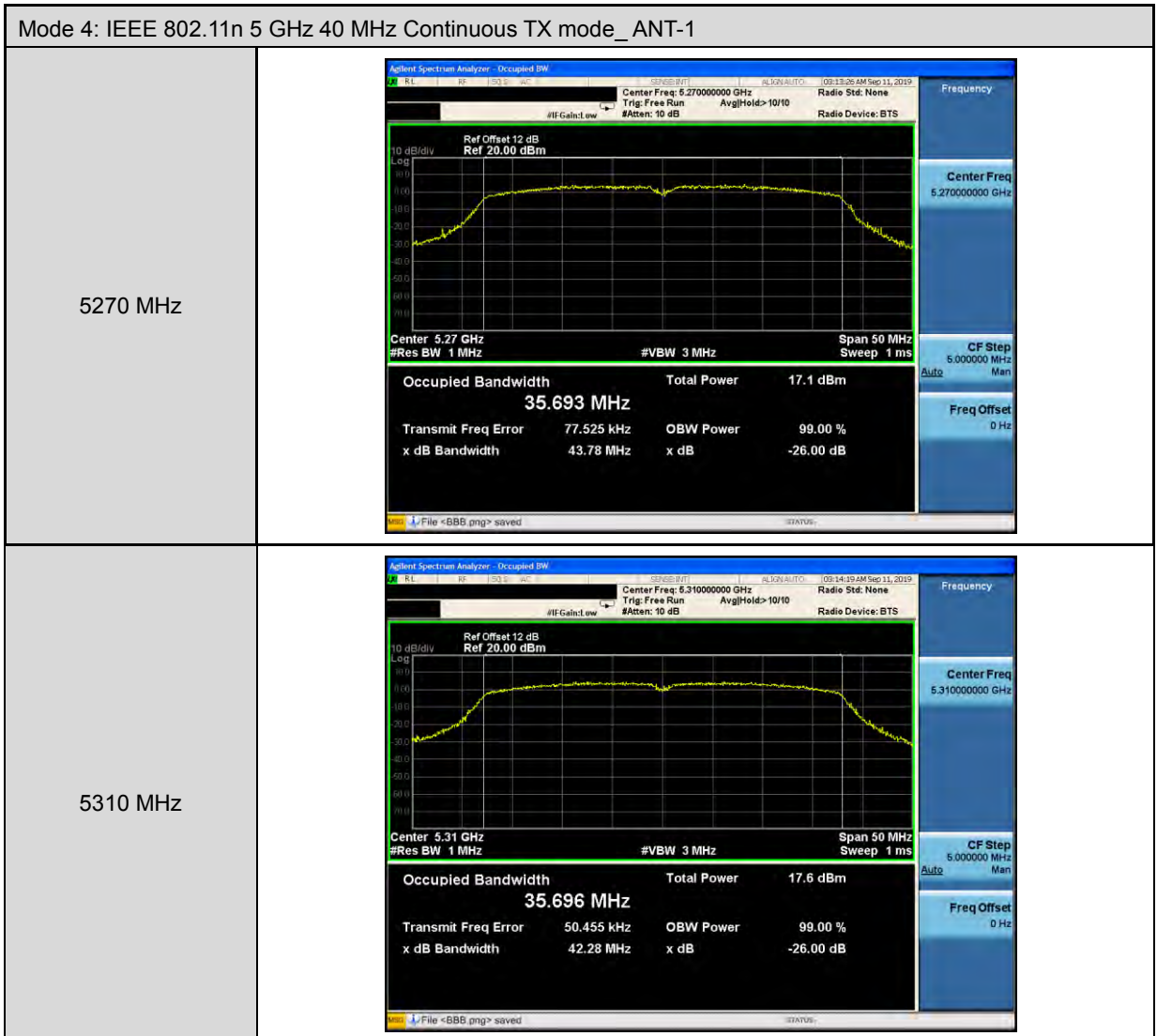
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-1	
5260 MHz	<p>Center Freq: 5.26000000 GHz</p> <p>Occupied Bandwidth: 17.625 MHz</p> <p>Total Power: 16.6 dBm</p> <p>Transmit Freq Error: 33.837 kHz</p> <p>x dB Bandwidth: 21.01 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5280 MHz	<p>Center Freq: 5.28000000 GHz</p> <p>Occupied Bandwidth: 17.611 MHz</p> <p>Total Power: 16.7 dBm</p> <p>Transmit Freq Error: 33.063 kHz</p> <p>x dB Bandwidth: 21.24 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5320 MHz	<p>Center Freq: 5.32000000 GHz</p> <p>Occupied Bandwidth: 17.612 MHz</p> <p>Total Power: 16.9 dBm</p> <p>Transmit Freq Error: 30.500 kHz</p> <p>x dB Bandwidth: 21.46 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ANT-1	
5500 MHz	<p>Center Freq: 5.50000000 GHz</p> <p>Center 5.5 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 17.630 MHz</p> <p>Total Power 17.2 dBm</p> <p>Transmit Freq Error 10.937 kHz</p> <p>x dB Bandwidth 20.94 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5560 MHz	<p>Center Freq: 5.56000000 GHz</p> <p>Center 5.56 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 17.617 MHz</p> <p>Total Power 16.8 dBm</p> <p>Transmit Freq Error 21.672 kHz</p> <p>x dB Bandwidth 21.19 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
5700 MHz	<p>Center Freq: 5.70000000 GHz</p> <p>Center 5.7 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 17.655 MHz</p> <p>Total Power 16.8 dBm</p> <p>Transmit Freq Error 22.027 kHz</p> <p>x dB Bandwidth 22.01 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

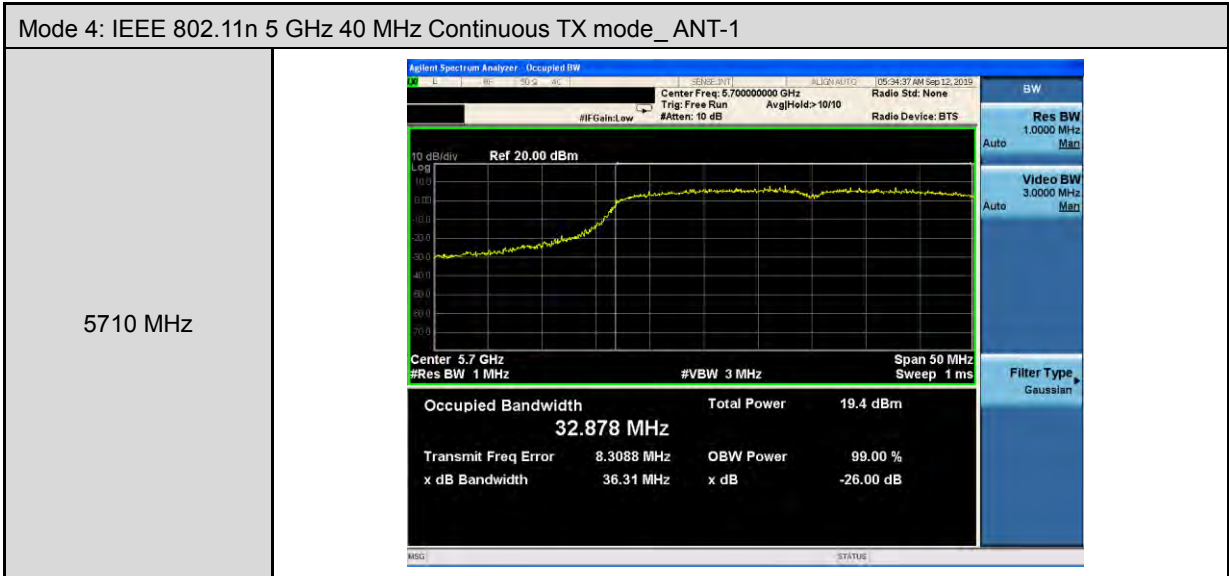








Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-1	
5510 MHz	<p>Center Freq: 5.51000000 GHz</p> <p>Occupied Bandwidth: 35.669 MHz</p> <p>Total Power: 17.4 dBm</p> <p>Transmit Freq Error: 4.925 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 42.99 MHz</p> <p>x dB: -26.00 dB</p>
5550 MHz	<p>Center Freq: 5.55000000 GHz</p> <p>Occupied Bandwidth: 35.686 MHz</p> <p>Total Power: 17.2 dBm</p> <p>Transmit Freq Error: 18.008 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 42.84 MHz</p> <p>x dB: -26.00 dB</p>
5670 MHz	<p>Center Freq: 5.67000000 GHz</p> <p>Occupied Bandwidth: 35.689 MHz</p> <p>Total Power: 17.6 dBm</p> <p>Transmit Freq Error: -47.625 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 42.58 MHz</p> <p>x dB: -26.00 dB</p>





6 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-1	Limit (kHz)
5720.0	3193	≥ 500
5745.0	16330	≥ 500
5785.0	16090	≥ 500
5825.0	16050	≥ 500

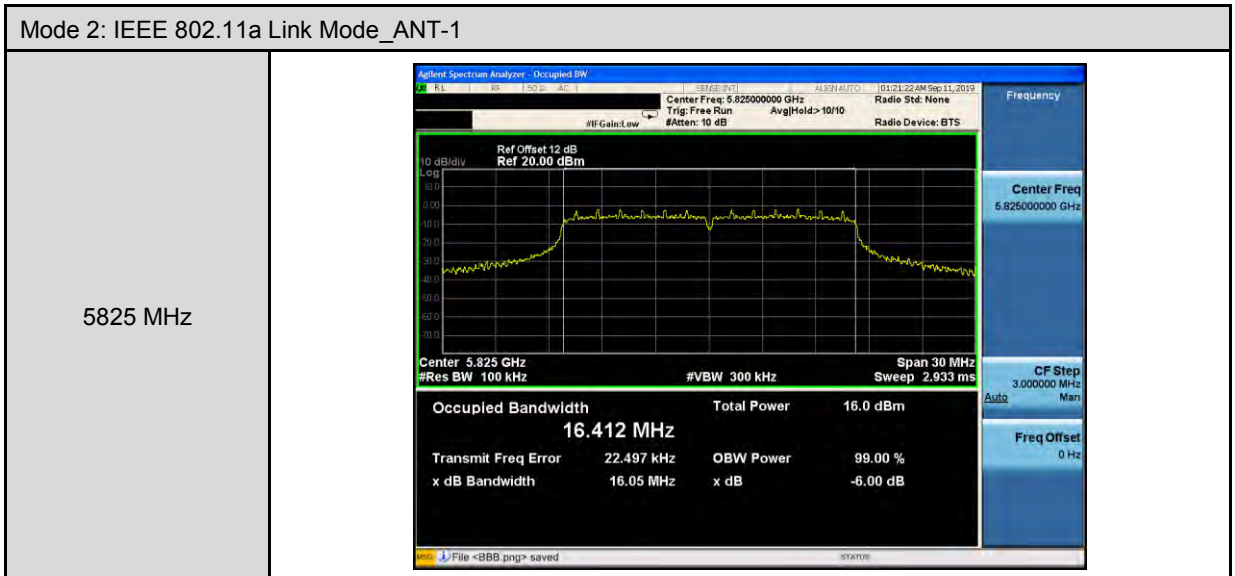
Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-1	Limit (kHz)
5720.0	3159	≥ 500
5745.0	16820	≥ 500
5785.0	16780	≥ 500
5825.0	16590	≥ 500

Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode	
Frequency (MHz)	ANT-1	Limit (kHz)
5710.0	2596	≥ 500
5755.0	33830	≥ 500
5795.0	33810	≥ 500



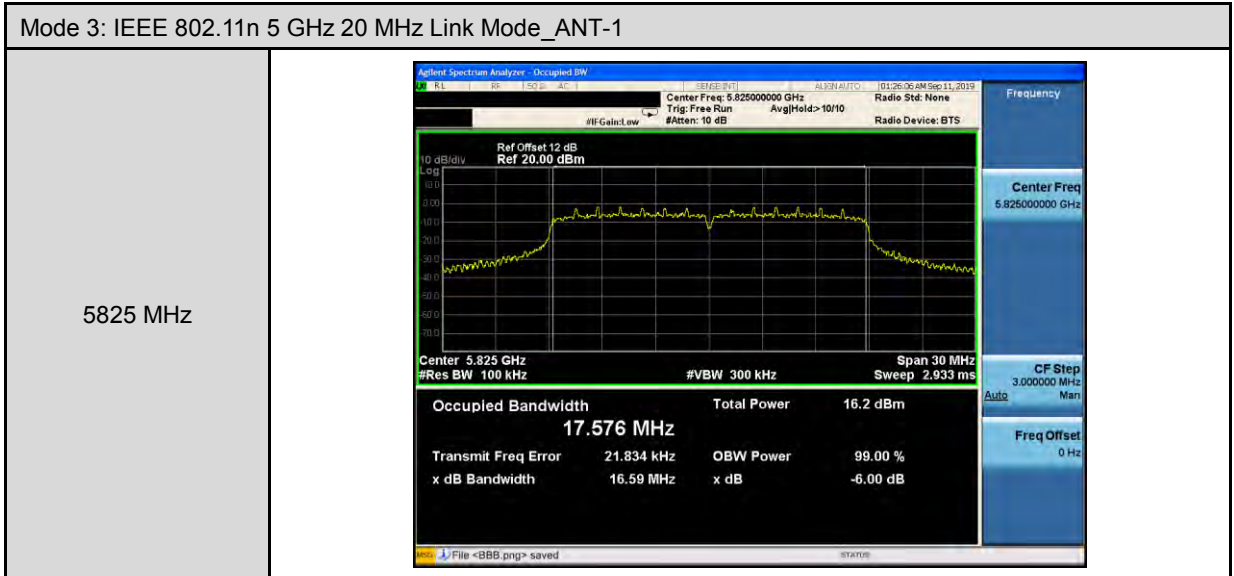
■ Test Graphs

Mode 2: IEEE 802.11a Link Mode_ANT-1	
5720 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.740000000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref 20.00 dBm</p> <p>Center 5.74 GHz #Res BW 100 kHz</p> <p>Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 4.6151 MHz</p> <p>Total Power 11.6 dBm</p> <p>Transmit Freq Error -12.694 MHz</p> <p>x dB Bandwidth 3.193 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz</p> <p>Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.457 MHz</p> <p>Total Power 17.5 dBm</p> <p>Transmit Freq Error 18.298 kHz</p> <p>x dB Bandwidth 16.33 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz</p> <p>Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.448 MHz</p> <p>Total Power 16.8 dBm</p> <p>Transmit Freq Error 24.856 kHz</p> <p>x dB Bandwidth 16.09 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>





Mode 3: IEEE 802.11n 5 GHz 20 MHz Link Mode_ANT-1	
5720 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74000000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref 20.00 dBm</p> <p>Center 5.74 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 4.5699 MHz Total Power 12.2 dBm</p> <p>Transmit Freq Error -12.724 MHz OBW Power 99.00 %</p> <p>x dB Bandwidth 3.159 MHz x dB -6.00 dB</p> <p>Frequency: 5.74000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.74500000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.602 MHz Total Power 17.5 dBm</p> <p>Transmit Freq Error 21.447 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.82 MHz x dB -6.00 dB</p> <p>Frequency: 5.74500000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.78500000 GHz Trig: Free Run #Gain: Low #Att: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.588 MHz Total Power 16.8 dBm</p> <p>Transmit Freq Error 19.599 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 16.78 MHz x dB -6.00 dB</p> <p>Frequency: 5.78500000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz</p>





Mode 4: IEEE 802.11n 5 GHz 40 MHz Link Mode_ANT-1	
5710 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.750000000 GHz Trig: Free Run AvgHold: 10/10 #IFGain: Low #Atten: 10 dB</p> <p>Ref 20.00 dBm</p> <p>Center 5.75 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 9.9801 MHz Total Power 6.36 dBm</p> <p>Transmit Freq Error -20.030 MHz OBW Power 99.00 % x dB Bandwidth 2.596 MHz x dB -6.00 dB</p> <p>Frequency: Center Freq 5.750000000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz</p>
5755 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.755000000 GHz Trig: Free Run AvgHold: 10/10 #IFGain: Low #Atten: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 35.662 MHz Total Power 17.1 dBm</p> <p>Transmit Freq Error -19.684 kHz OBW Power 99.00 % x dB Bandwidth 33.83 MHz x dB -6.00 dB</p> <p>Frequency: Center Freq 5.755000000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz</p>
5795 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.795000000 GHz Trig: Free Run AvgHold: 10/10 #IFGain: Low #Atten: 10 dB</p> <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms</p> <p>Occupied Bandwidth 35.585 MHz Total Power 16.8 dBm</p> <p>Transmit Freq Error -35.694 kHz OBW Power 99.00 % x dB Bandwidth 33.81 MHz x dB -6.00 dB</p> <p>Frequency: Center Freq 5.795000000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz</p>



Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180.0	-2.007	0.021	-1.986	≤ 11
5200.0	-2.400	0.021	-2.379	
5240.0	-1.762	0.021	-1.741	
5260.0	-1.598	0.021	-1.577	
5280.0	-1.581	0.021	-1.560	
5320.0	-0.814	0.021	-0.793	
5500.0	-0.661	0.021	-0.640	
5560.0	-1.244	0.021	-1.223	
5700.0	-1.045	0.021	-1.024	
5720.0	0.937	0.021	0.958	

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

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5720.0	-5.800	0.021	1.211	≤ 30
5745.0	-9.993	0.021	-2.982	
5785.0	-10.399	0.021	-3.388	
5825.0	-11.463	0.021	-4.452	

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

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



Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180.0	-2.126	0.023	-2.103	≤ 11
5200.0	-1.991	0.023	-1.968	
5240.0	-2.196	0.023	-2.173	
5260.0	-2.209	0.023	-2.186	
5280.0	-1.650	0.023	-1.627	
5320.0	-1.367	0.023	-1.344	
5500.0	-1.277	0.023	-1.254	
5560.0	-1.616	0.023	-1.593	
5700.0	-1.508	0.023	-1.485	
5720.0	0.649	0.023	0.672	

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

Test Mode	Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5720.0	-6.656	0.023	0.356	≤ 30
5745.0	-10.153	0.023	-3.141	
5785.0	-11.726	0.023	-4.714	
5825.0	-12.240	0.023	-5.228	

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

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



Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190.0	-7.611	0.045	-7.566	≤ 11
5230.0	-4.918	0.045	-4.873	
5270.0	-4.486	0.045	-4.441	
5310.0	-4.447	0.045	-4.402	
5510.0	-4.411	0.045	-4.366	
5550.0	-4.858	0.045	-4.813	
5670.0	-4.186	0.045	-4.141	
5710.0	-1.785	0.045	-1.740	

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

Test Mode	Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5710.0	-11.692	0.045	-4.657	≤ 30
5755.0	-13.373	0.045	-6.338	
5795.0	-13.470	0.045	-6.435	

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

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



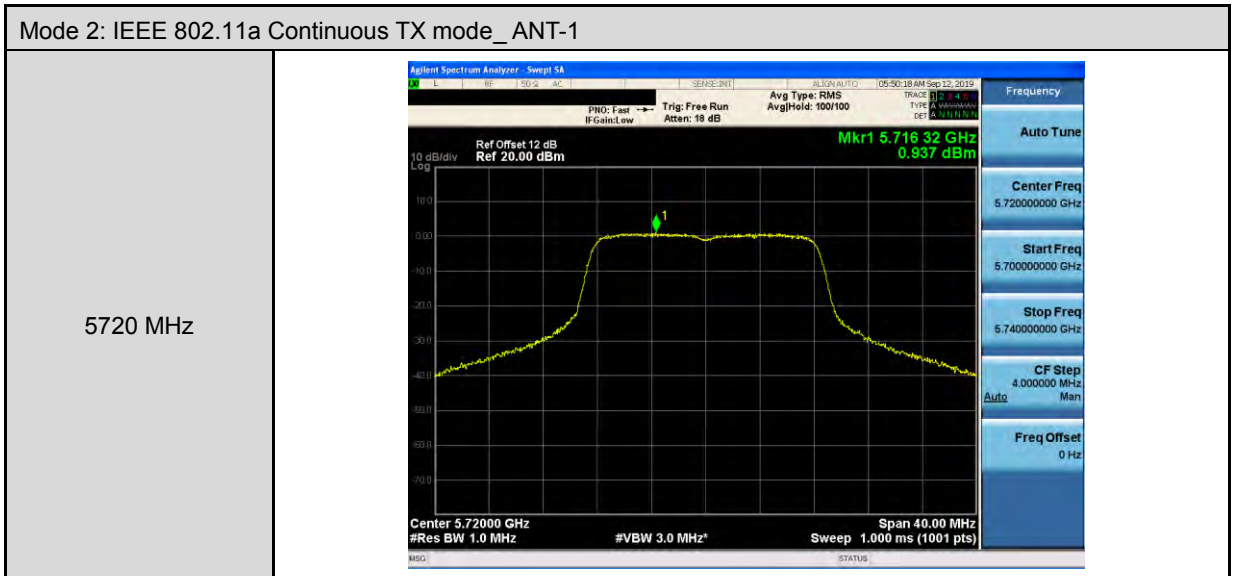
■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

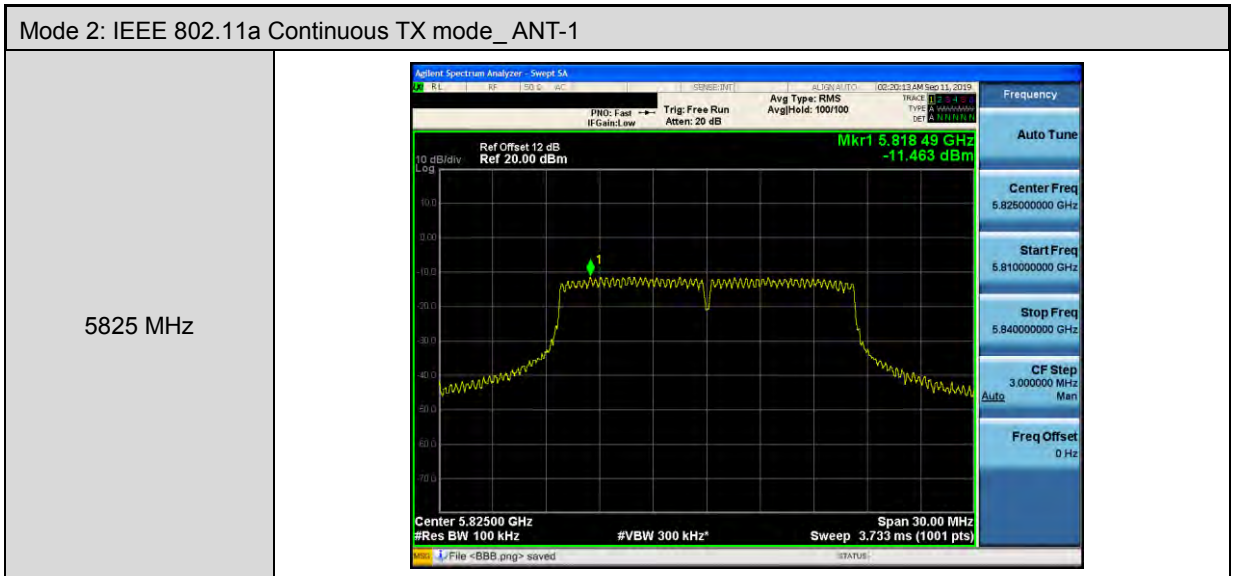


Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	





Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5720 MHz	
5745 MHz	
5785 MHz	





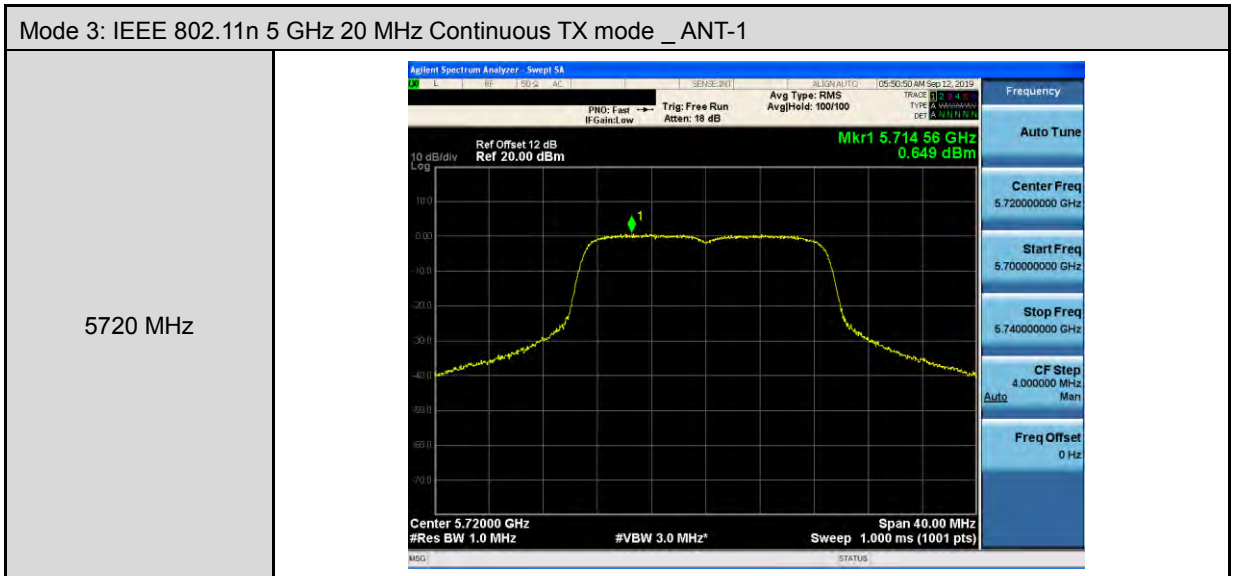
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.176 08 GHz -2.126 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.196 36 GHz -1.991 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5240 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.238 60 GHz -2.196 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>



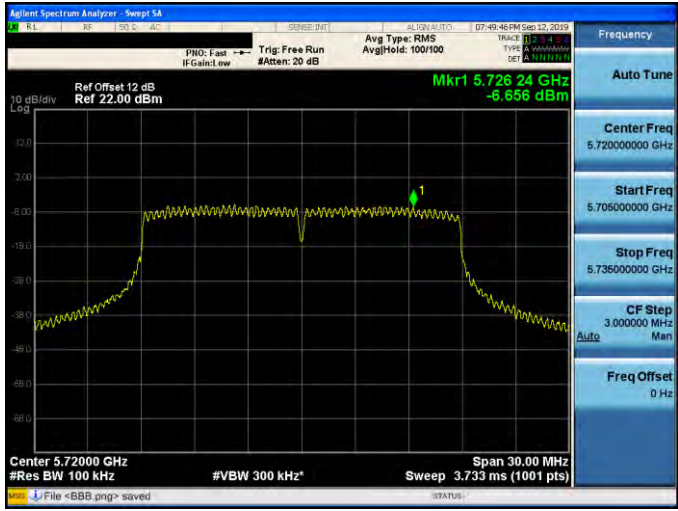
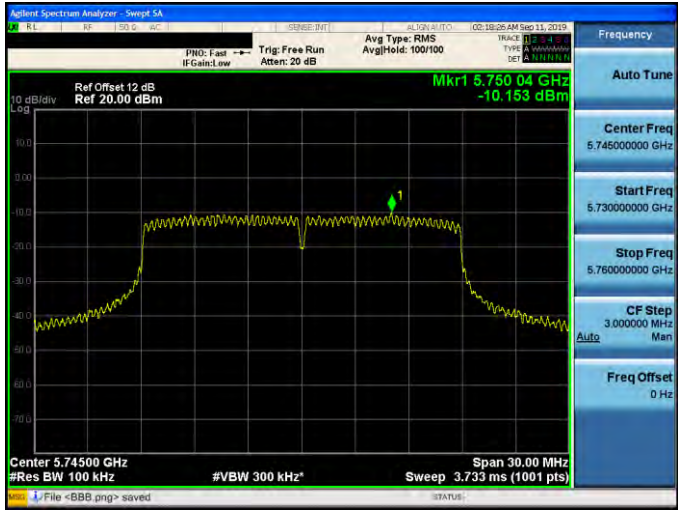

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ ANT-1	
5260 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.263 84 GHz -2.209 dBm</p> <p>Center 5.26000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5280 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.282 16 GHz -1.650 dBm</p> <p>Center 5.28000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5320 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.324 40 GHz -1.367 dBm</p> <p>Center 5.32000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>

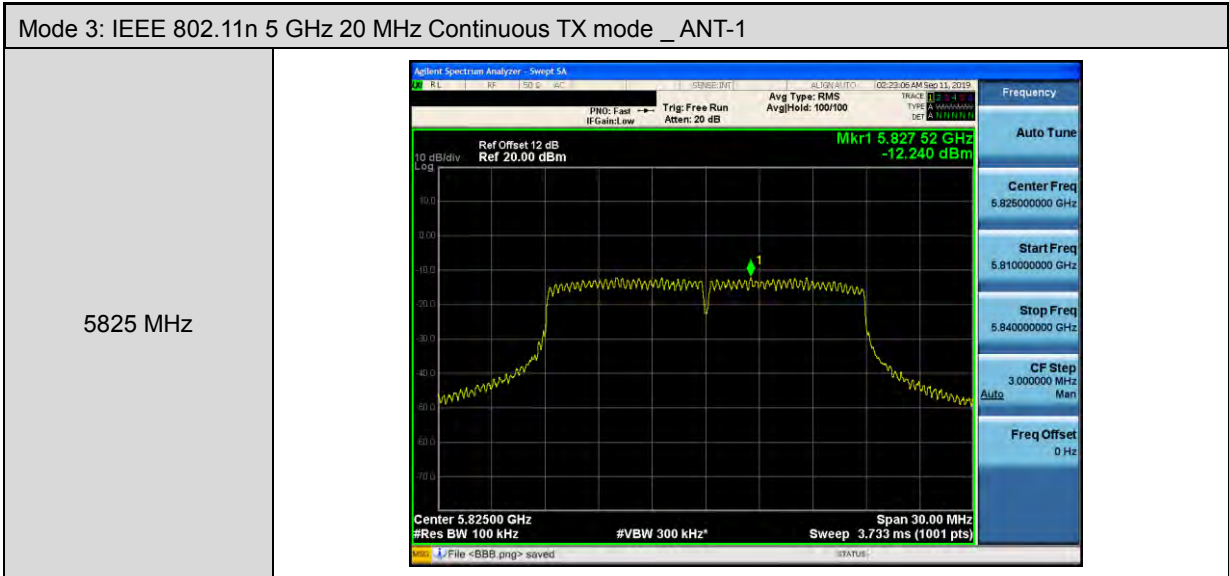


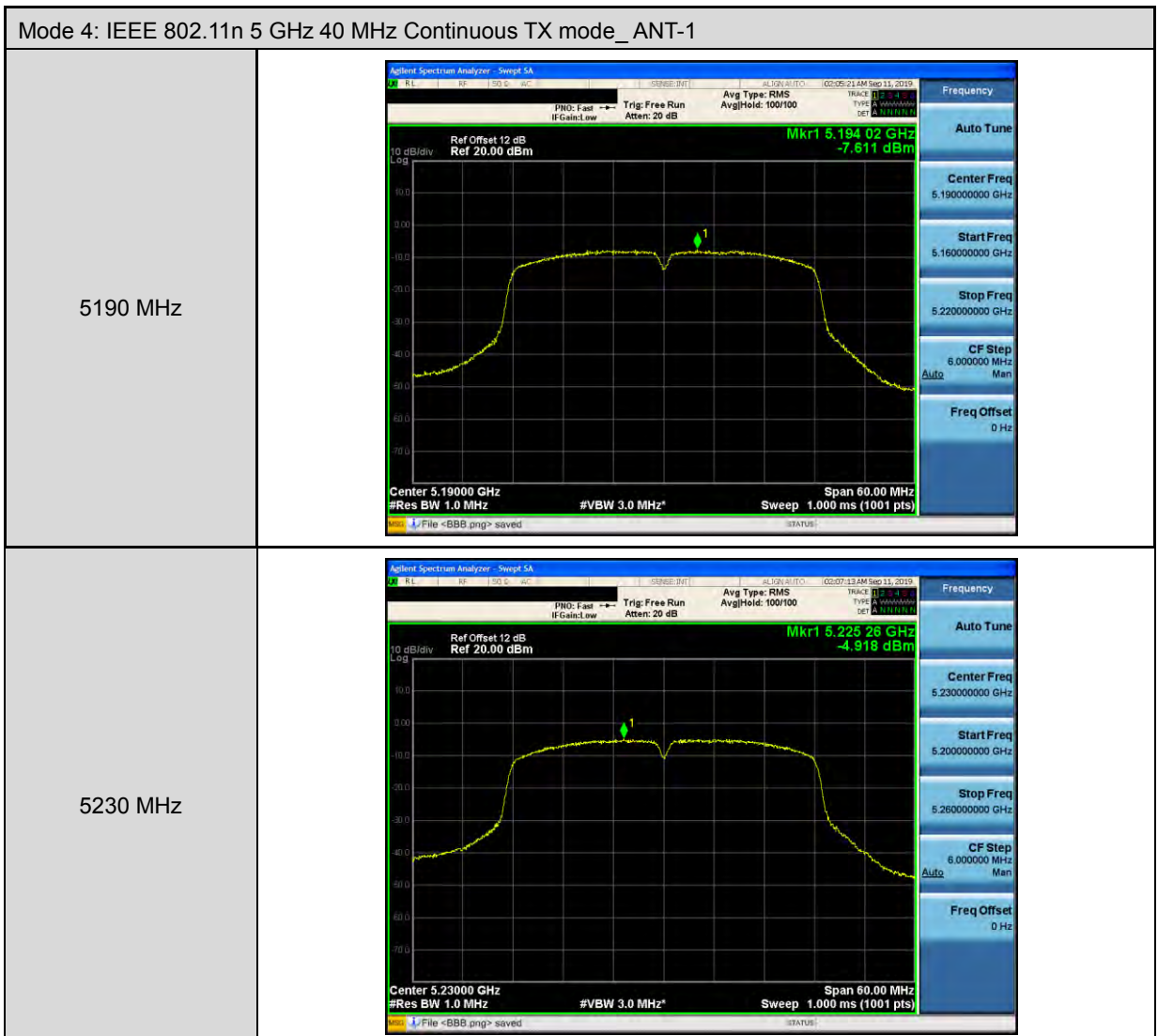
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	

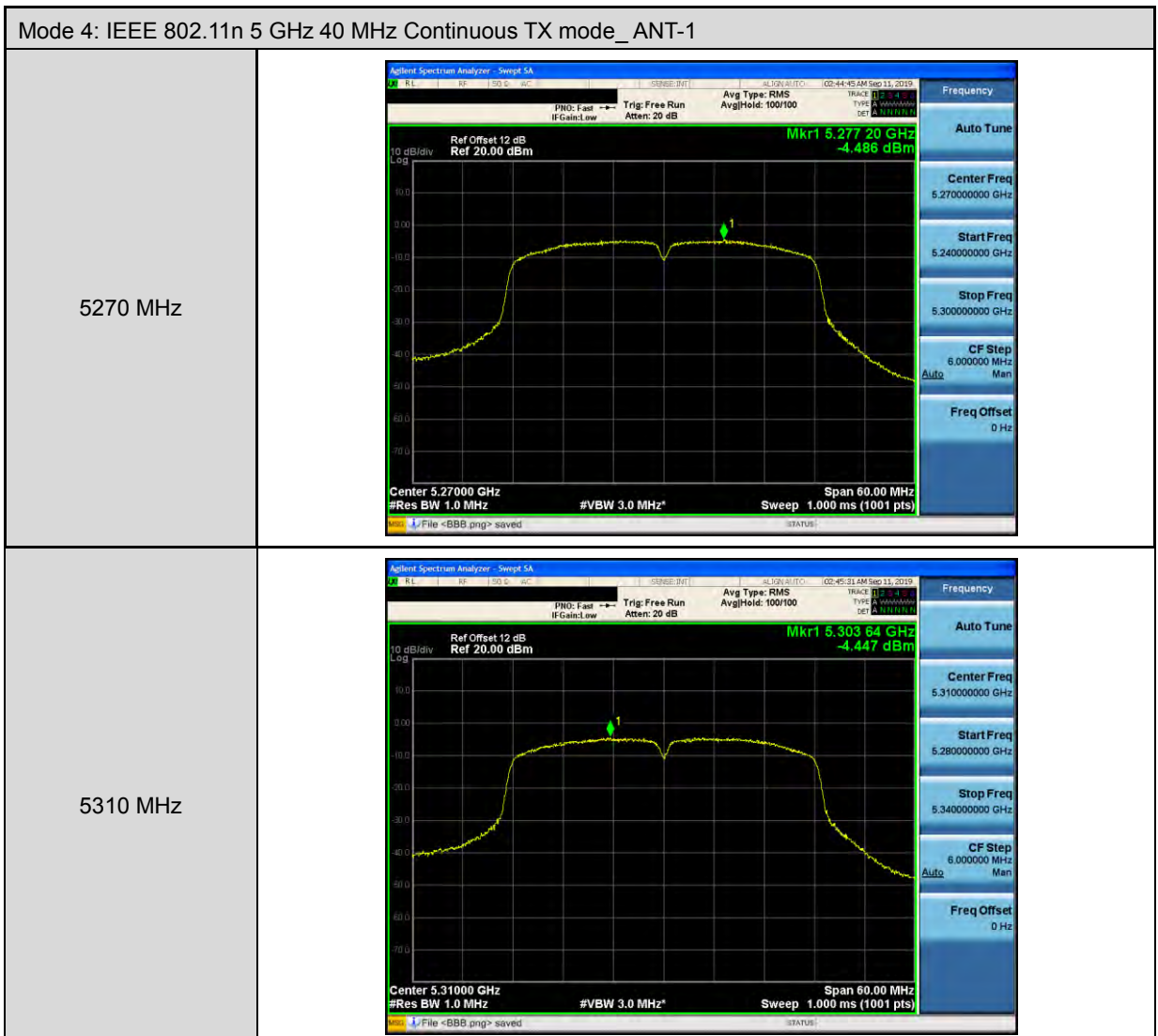







Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode _ ANT-1	
5720 MHz	 <p>Ref Offset 12 dB Ref 22.00 dBm</p> <p>Mkr1 5.726 24 GHz -6.656 dBm</p> <p>Center 5.72000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.733 ms (1001 pts)</p> <p>Span 30.00 MHz</p> <p>File <BBB.png> saved</p>
5745 MHz	 <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Mkr1 5.750 04 GHz -10.153 dBm</p> <p>Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.733 ms (1001 pts)</p> <p>Span 30.00 MHz</p> <p>File <BBB.png> saved</p>
5785 MHz	 <p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Mkr1 5.778 79 GHz -11.726 dBm</p> <p>Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.733 ms (1001 pts)</p> <p>Span 30.00 MHz</p> <p>File <BBB.png> saved</p>

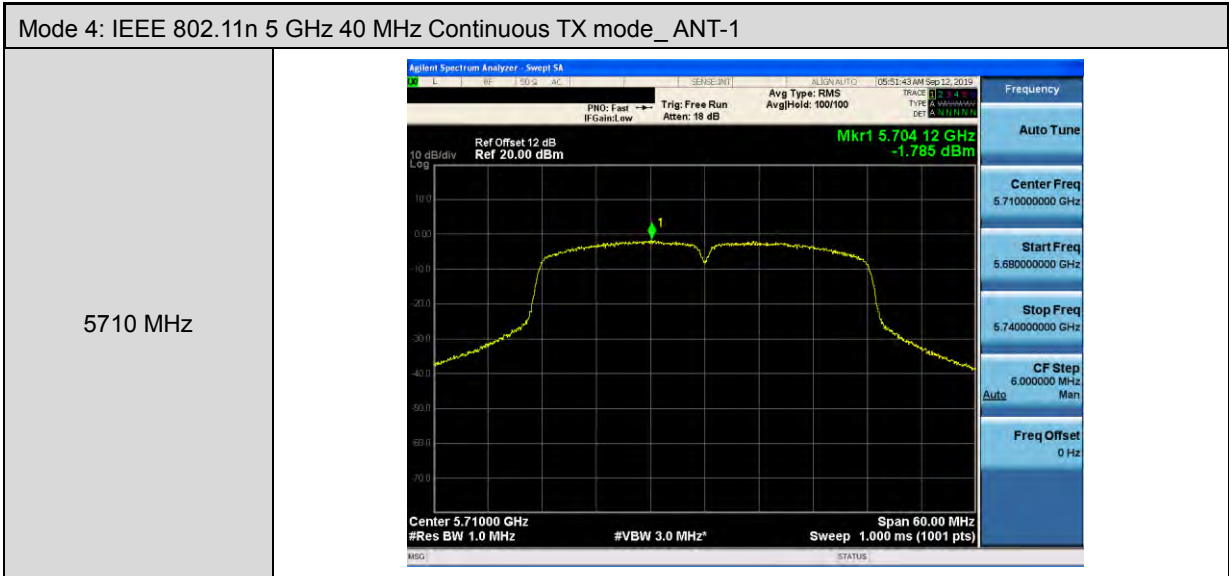








Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-1	
5510 MHz	 <p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.503 40 GHz -4.411 dBm</p> <p>Center 5.510000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5550 MHz	 <p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.542 92 GHz -4.858 dBm</p> <p>Center 5.550000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5670 MHz	 <p>Ref Offset 12 dB Ref 20.00 dBm Mkr1 5.666 34 GHz -4.186 dBm</p> <p>Center 5.670000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>





Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ANT-1	
5710 MHz	<p>Ref Offset 12 dB Ref 22.00 dBm</p> <p>Mkr1 5.725 00 GHz -11.692 dBm</p> <p>Center 5.710000 GHz #Res BW 100 kHz #VBW 300 kHz* Sweep 6.200 ms (1001 pts)</p>
5755 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Mkr1 5.747 50 GHz -13.373 dBm</p> <p>Center 5.755000 GHz #Res BW 100 kHz #VBW 300 kHz* Sweep 6.200 ms (1001 pts)</p>
5795 MHz	<p>Ref Offset 12 dB Ref 20.00 dBm</p> <p>Mkr1 5.798 80 GHz -13.470 dBm</p> <p>Center 5.795000 GHz #Res BW 100 kHz #VBW 300 kHz* Sweep 6.200 ms (1001 pts)</p>

--- END---