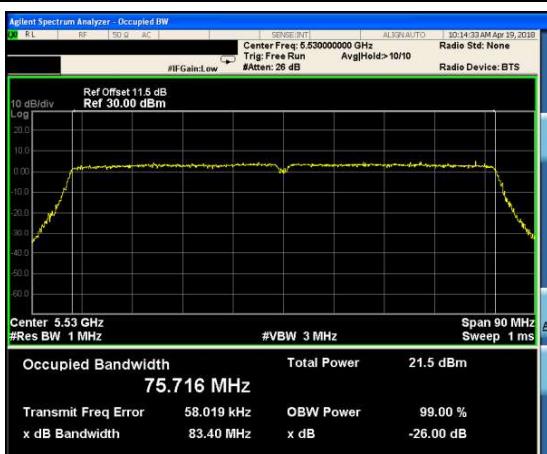
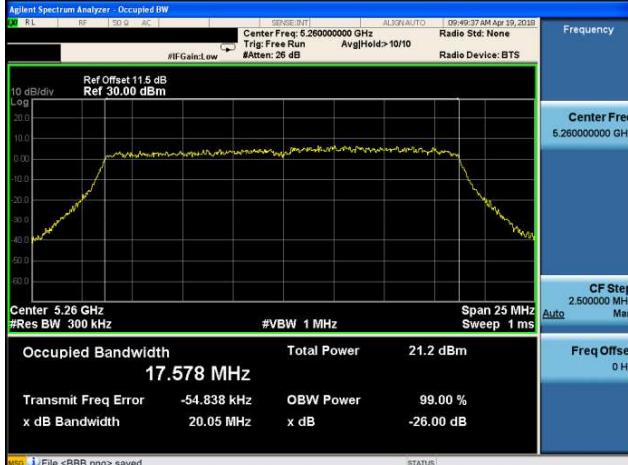
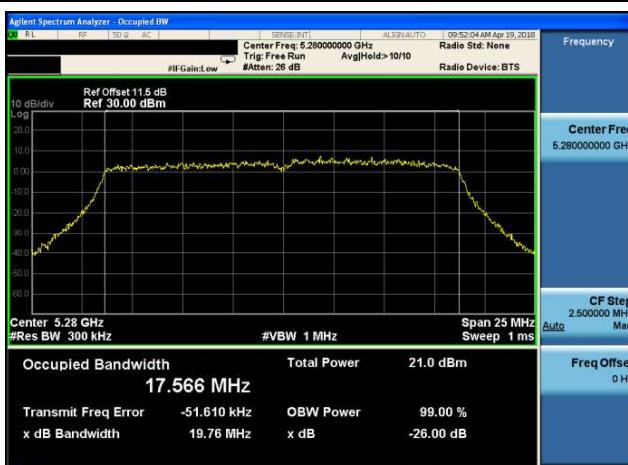


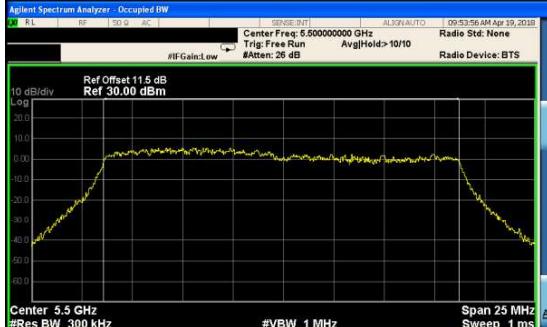
## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-0

5290	<p><b>Agilent Spectrum Analyzer - Occupied BW</b></p>  <p>Ref Offset 11.5 dB Ref 30.00 dBm</p> <p>Center 5.29 GHz #Res BW 1 MHz #VBW 3 MHz Span 90 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>75.597 MHz</b></p> <p>Transmit Freq Error 10.196 kHz OBW Power 99.00 % x dB Bandwidth 82.99 MHz x dB -26.00 dB</p> <p>CF Step 9.00000 MHz Auto Freq Offset 0 Hz</p> <p>File &lt;BBB.png&gt; saved</p>
5530	<p><b>Agilent Spectrum Analyzer - Occupied BW</b></p>  <p>Ref Offset 11.5 dB Ref 30.00 dBm</p> <p>Center 5.53 GHz #Res BW 1 MHz #VBW 3 MHz Span 90 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>75.716 MHz</b></p> <p>Transmit Freq Error 58.019 kHz OBW Power 99.00 % x dB Bandwidth 83.40 MHz x dB -26.00 dB</p> <p>CF Step 9.00000 MHz Auto Freq Offset 0 Hz</p> <p>File &lt;BBB.png&gt; saved</p>

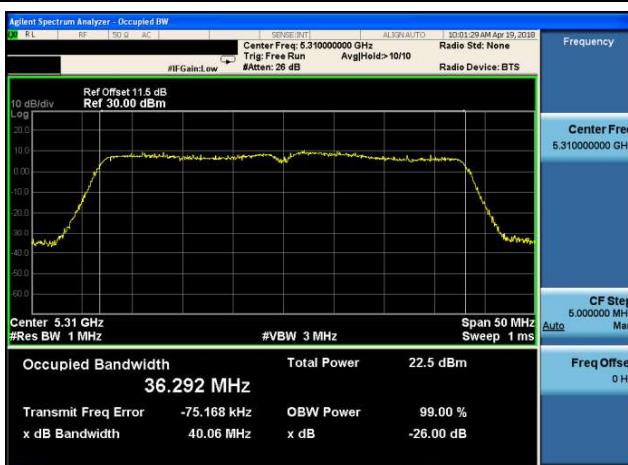
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1

5260	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Ref Offset 11.5 dB Ref 30.00 dBm</p> <p>Center Freq: 5.260000000 GHz Trig: Free Run Avg Hold&gt; 10/10 Radio Std: None Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.260000000 GHz</p> <p>CF Step 2.500000 MHz Man</p> <p>Auto2</p> <p>Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>17.578 MHz</b></p> <p>Total Power 21.2 dBm</p> <p>Transmit Freq Error -54.838 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 20.05 MHz</p> <p>x dB -26.00 dB</p> <p>File &lt;BBB.png&gt; saved</p>
5280	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Ref Offset 11.5 dB Ref 30.00 dBm</p> <p>Center Freq: 5.280000000 GHz Trig: Free Run Avg Hold&gt; 10/10 Radio Std: None Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.280000000 GHz</p> <p>CF Step 2.500000 MHz Man</p> <p>Auto2</p> <p>Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>17.566 MHz</b></p> <p>Total Power 21.0 dBm</p> <p>Transmit Freq Error -51.610 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 19.76 MHz</p> <p>x dB -26.00 dB</p> <p>File &lt;BBB.png&gt; saved</p>
5320	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Ref Offset 11.5 dB Ref 30.00 dBm</p> <p>Center Freq: 5.320000000 GHz Trig: Free Run Avg Hold&gt; 10/10 Radio Std: None Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.320000000 GHz</p> <p>CF Step 2.500000 MHz Man</p> <p>Auto2</p> <p>Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>17.509 MHz</b></p> <p>Total Power 20.9 dBm</p> <p>Transmit Freq Error -37.292 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 19.96 MHz</p> <p>x dB -26.00 dB</p> <p>File &lt;BBB.png&gt; saved</p>

## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1

5500	<p><b>Agilent Spectrum Analyzer - Occupied BW</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Center Freq 5.50000000 GHz</td> <td style="padding: 2px;">Span 25 MHz</td> </tr> <tr> <td style="padding: 2px;">#Res BW 300 kHz</td> <td style="padding: 2px;">#VBW 1 MHz</td> </tr> <tr> <td style="padding: 2px;">Occupied Bandwidth</td> <td style="padding: 2px;">Total Power 19.6 dBm</td> </tr> <tr> <td style="padding: 2px;">17.632 MHz</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Transmit Freq Error -88.564 kHz</td> <td style="padding: 2px;">OBW Power 99.00 %</td> </tr> <tr> <td style="padding: 2px;">x dB Bandwidth 20.18 MHz</td> <td style="padding: 2px;">x dB -26.00 dB</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">File &lt;BBB.png&gt; saved</p>	Center Freq 5.50000000 GHz	Span 25 MHz	#Res BW 300 kHz	#VBW 1 MHz	Occupied Bandwidth	Total Power 19.6 dBm	17.632 MHz		Transmit Freq Error -88.564 kHz	OBW Power 99.00 %	x dB Bandwidth 20.18 MHz	x dB -26.00 dB
Center Freq 5.50000000 GHz	Span 25 MHz												
#Res BW 300 kHz	#VBW 1 MHz												
Occupied Bandwidth	Total Power 19.6 dBm												
17.632 MHz													
Transmit Freq Error -88.564 kHz	OBW Power 99.00 %												
x dB Bandwidth 20.18 MHz	x dB -26.00 dB												
5560	<p><b>Agilent Spectrum Analyzer - Occupied BW</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Center Freq 5.56000000 GHz</td> <td style="padding: 2px;">Span 25 MHz</td> </tr> <tr> <td style="padding: 2px;">#Res BW 300 kHz</td> <td style="padding: 2px;">#VBW 1 MHz</td> </tr> <tr> <td style="padding: 2px;">Occupied Bandwidth</td> <td style="padding: 2px;">Total Power 19.1 dBm</td> </tr> <tr> <td style="padding: 2px;">17.738 MHz</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Transmit Freq Error -78.571 kHz</td> <td style="padding: 2px;">OBW Power 99.00 %</td> </tr> <tr> <td style="padding: 2px;">x dB Bandwidth 20.07 MHz</td> <td style="padding: 2px;">x dB -26.00 dB</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">File &lt;BBB.png&gt; saved</p>	Center Freq 5.56000000 GHz	Span 25 MHz	#Res BW 300 kHz	#VBW 1 MHz	Occupied Bandwidth	Total Power 19.1 dBm	17.738 MHz		Transmit Freq Error -78.571 kHz	OBW Power 99.00 %	x dB Bandwidth 20.07 MHz	x dB -26.00 dB
Center Freq 5.56000000 GHz	Span 25 MHz												
#Res BW 300 kHz	#VBW 1 MHz												
Occupied Bandwidth	Total Power 19.1 dBm												
17.738 MHz													
Transmit Freq Error -78.571 kHz	OBW Power 99.00 %												
x dB Bandwidth 20.07 MHz	x dB -26.00 dB												
5700	<p><b>Agilent Spectrum Analyzer - Occupied BW</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Center Freq 5.70000000 GHz</td> <td style="padding: 2px;">Span 25 MHz</td> </tr> <tr> <td style="padding: 2px;">#Res BW 300 kHz</td> <td style="padding: 2px;">#VBW 1 MHz</td> </tr> <tr> <td style="padding: 2px;">Occupied Bandwidth</td> <td style="padding: 2px;">Total Power 19.6 dBm</td> </tr> <tr> <td style="padding: 2px;">17.741 MHz</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Transmit Freq Error -24.965 kHz</td> <td style="padding: 2px;">OBW Power 99.00 %</td> </tr> <tr> <td style="padding: 2px;">x dB Bandwidth 20.13 MHz</td> <td style="padding: 2px;">x dB -26.00 dB</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">File &lt;BBB.png&gt; saved</p>	Center Freq 5.70000000 GHz	Span 25 MHz	#Res BW 300 kHz	#VBW 1 MHz	Occupied Bandwidth	Total Power 19.6 dBm	17.741 MHz		Transmit Freq Error -24.965 kHz	OBW Power 99.00 %	x dB Bandwidth 20.13 MHz	x dB -26.00 dB
Center Freq 5.70000000 GHz	Span 25 MHz												
#Res BW 300 kHz	#VBW 1 MHz												
Occupied Bandwidth	Total Power 19.6 dBm												
17.741 MHz													
Transmit Freq Error -24.965 kHz	OBW Power 99.00 %												
x dB Bandwidth 20.13 MHz	x dB -26.00 dB												

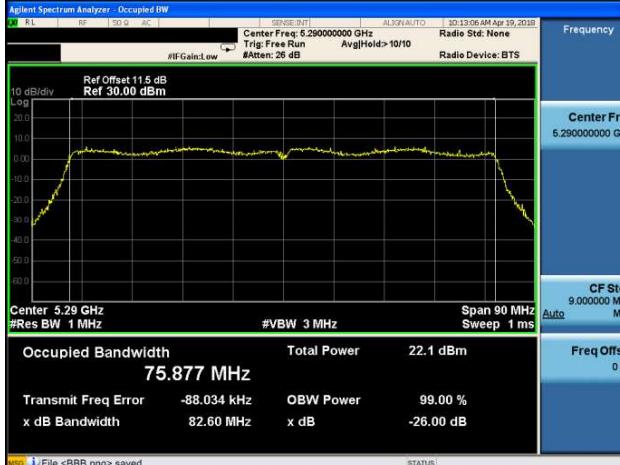
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1

5270	 <p><b>Occupied Bandwidth</b>      <b>Total Power</b>      <b>36.138 MHz</b>      <b>25.1 dBm</b></p> <p>Transmit Freq Error      OBW Power -125.42 kHz      99.00 % x dB Bandwidth      x dB 39.80 MHz      -26.00 dB</p>
5310	 <p><b>Occupied Bandwidth</b>      <b>Total Power</b>      <b>36.292 MHz</b>      <b>22.5 dBm</b></p> <p>Transmit Freq Error      OBW Power -75.168 kHz      99.00 % x dB Bandwidth      x dB 40.06 MHz      -26.00 dB</p>

## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1

5510	 <p><b>Occupied Bandwidth</b>      <b>Total Power</b>      <b>35.769 MHz</b>  <b>Transmit Freq Error</b>      <b>OBW Power</b>      <b>99.00 %</b>  <b>x dB Bandwidth</b>      <b>x dB</b>      <b>-26.00 dB</b></p>
5550	 <p><b>Occupied Bandwidth</b>      <b>Total Power</b>      <b>35.637 MHz</b>  <b>Transmit Freq Error</b>      <b>OBW Power</b>      <b>99.00 %</b>  <b>x dB Bandwidth</b>      <b>x dB</b>      <b>-26.00 dB</b></p>
5670	 <p><b>Occupied Bandwidth</b>      <b>Total Power</b>      <b>35.578 MHz</b>  <b>Transmit Freq Error</b>      <b>OBW Power</b>      <b>99.00 %</b>  <b>x dB Bandwidth</b>      <b>x dB</b>      <b>-26.00 dB</b></p>

## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-1

5290	 <p><b>Occupied Bandwidth</b> 75.877 MHz  <b>Total Power</b> 22.1 dBm  <b>Transmit Freq Error</b> -88.034 kHz  <b>x dB Bandwidth</b> 82.60 MHz  <b>OBW Power</b> 99.00 %  <b>x dB</b> -26.00 dB</p>
5530	 <p><b>Occupied Bandwidth</b> 75.354 MHz  <b>Total Power</b> 20.6 dBm  <b>Transmit Freq Error</b> 261.92 kHz  <b>x dB Bandwidth</b> 81.94 MHz  <b>OBW Power</b> 99.00 %  <b>x dB</b> -26.00 dB</p>

## 5.5. Maximum Power Spectral Density Measurement

Test Item	Conducted power spectral density				
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode				
	ANT-0				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	6.395	0.104	6.499	$\leq 10.16$	
5280.0	6.539	0.104	6.643		
5320.0	6.943	0.104	7.047		
5500.0	5.360	0.104	5.464	$\leq 9.29$	
5560.0	4.901	0.104	5.005		
5700.0	4.848	0.104	4.952		
	ANT-1				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	7.038	0.104	7.142	$\leq 10.16$	
5280.0	6.713	0.104	6.817		
5320.0	6.945	0.104	7.049		
5500.0	6.802	0.104	6.906	$\leq 9.29$	
5560.0	6.717	0.104	6.821		
5700.0	6.619	0.104	6.723		
	ANT-0+1				
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)	
5260.0	9.843			$\leq 10.16$	
5280.0	9.741				
5320.0	10.058				
5500.0	9.255			$\leq 9.29$	
5560.0	9.018				
5700.0	8.938				

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

Test Item	Conducted power spectral density				
Test Mode	Mode 3: IEEE 802.11ac 20MHz Continuous TX mode				
Frequency (MHz)	ANT-0				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	6.582	0.039	6.621	$\leq 10.16$	
5280.0	6.726	0.039	6.765		
5320.0	6.809	0.039	6.848		
5500.0	4.922	0.039	4.961	$\leq 9.29$	
5560.0	5.723	0.039	5.762		
5700.0	5.561	0.039	5.600		
Frequency (MHz)	ANT-1				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	7.417	0.039	7.456	$\leq 10.16$	
5280.0	7.351	0.039	7.390		
5320.0	7.387	0.039	7.426		
5500.0	6.614	0.039	6.653	$\leq 9.29$	
5560.0	5.919	0.039	5.958		
5700.0	6.216	0.039	6.255		
Frequency (MHz)	ANT-0+1				
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)	
5260.0	10.069			$\leq 10.16$	
5280.0	10.099				
5320.0	10.157				
5500.0	8.899			$\leq 9.29$	
5560.0	8.871				
5700.0	8.950				

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

Test Item	Conducted power spectral density				
Test Mode	Mode 4: IEEE 802.11ac 40MHz Continuous TX mode				
Frequency (MHz)	ANT-0				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5270.0	6.660	0.079	6.739	$\leq 10.16$	
5310.0	3.881	0.079	3.960		
5510.0	4.261	0.079	4.340	$\leq 9.29$	
5550.0	4.856	0.079	4.935		
5670.0	6.355	0.079	6.434		
Frequency (MHz)	ANT-1				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5270.0	7.283	0.079	7.362	$\leq 10.16$	
5310.0	4.805	0.079	4.884		
5510.0	5.359	0.079	5.438	$\leq 9.29$	
5550.0	6.543	0.079	6.622		
5670.0	5.777	0.079	5.856		
Frequency (MHz)	ANT-0+1				
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)	
5270.0	10.072			$\leq 10.16$	
5310.0	7.457				
5510.0	7.934			$\leq 9.29$	
5550.0	8.870				
5670.0	9.165				

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

Test Item	Conducted power spectral density			
Test Mode	Mode 5: IEEE 802.11ac 80MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5290.0	-0.048	0.164	0.116	≤10.16
5530.0	-0.621	0.164	-0.457	≤9.29
Frequency (MHz)	ANT-1			
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5290.0	0.444	0.164	0.608	≤10.16
5530.0	1.447	0.164	1.611	≤9.29
Frequency (MHz)	ANT-0+1			
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)
5290.0	3.379			≤10.16
5530.0	3.709			≤9.29

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

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Test Item	Conducted power spectral density				
Test Mode	Mode 3: IEEE 802.11ac 20MHz Continuous TX mode				
Frequency (MHz)	ANT-0				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	4.177	0.039	4.216	$\leq 10.16$	
5280.0	4.591	0.039	4.630		
5320.0	4.723	0.039	4.762		
5500.0	2.266	0.039	2.305	$\leq 9.29$	
5560.0	1.706	0.039	1.745		
5700.0	2.727	0.039	2.766		
Frequency (MHz)	ANT-1				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5260.0	4.636	0.039	4.675	$\leq 10.16$	
5280.0	4.270	0.039	4.309		
5320.0	4.441	0.039	4.480		
5500.0	3.807	0.039	3.846	$\leq 9.29$	
5560.0	3.208	0.039	3.247		
5700.0	3.940	0.039	3.979		
Frequency (MHz)	ANT-0+1				
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)	
5260.0	7.462			$\leq 10.16$	
5280.0	7.483				
5320.0	7.633				
5500.0	6.154			$\leq 9.29$	
5560.0	5.571				
5700.0	6.425				

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

Test Item	Conducted power spectral density				
Test Mode	Mode 4: IEEE 802.11ac 40MHz Continuous TX mode				
Frequency (MHz)	ANT-0				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5270.0	3.594	0.079	3.673	$\leq 10.16$	
5310.0	1.051	0.079	1.130		
5510.0	1.170	0.079	1.249	$\leq 9.29$	
5550.0	2.066	0.079	2.145		
5670.0	2.795	0.079	2.874		
Frequency (MHz)	ANT-1				
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)	
5270.0	4.264	0.079	4.343	$\leq 10.16$	
5310.0	2.383	0.079	2.462		
5510.0	2.740	0.079	2.819	$\leq 9.29$	
5550.0	3.720	0.079	3.799		
5670.0	3.330	0.079	3.409		
Frequency (MHz)	ANT-0+1				
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)	
5270.0	7.031			$\leq 10.16$	
5310.0	4.857				
5510.0	5.115			$\leq 9.29$	
5550.0	6.061				
5670.0	6.160				

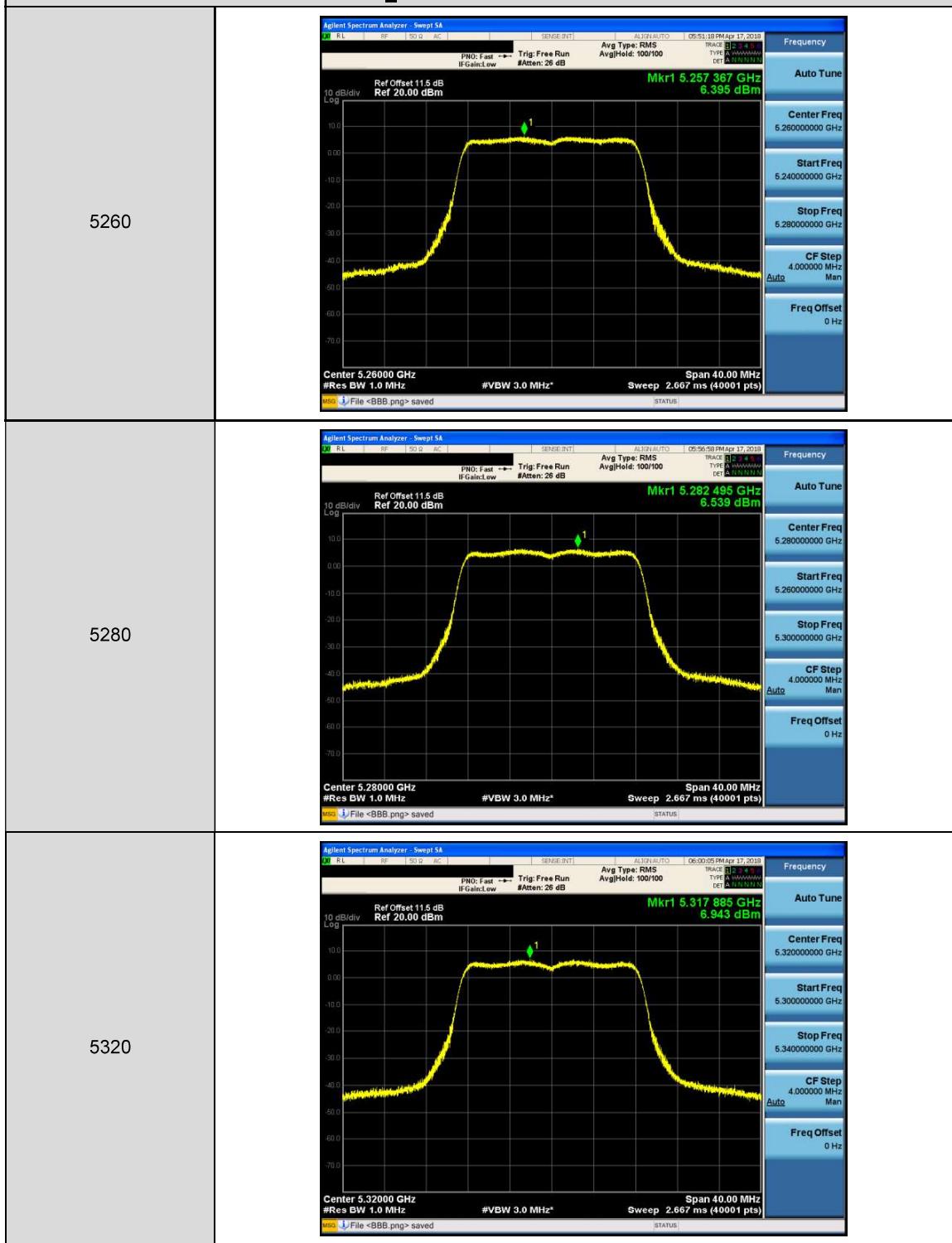
Note: Method SA-2, Power density = measured result +  $10\log(1/\text{duty cycle})$  + Conversion ratio = measured result + duty factor.

Test Item	Conducted power spectral density			
Test Mode	Mode 5: IEEE 802.11ac 80MHz Continuous TX mode			
Frequency (MHz)	ANT-0			
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5290.0	-3.063	0.164	-2.899	≤10.16
5530.0	-3.655	0.164	-3.491	≤9.29
Frequency (MHz)	ANT-1			
Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5290.0	-2.101	0.164	-1.937	≤10.16
5530.0	-1.718	0.164	-1.554	≤9.29
Frequency (MHz)	ANT-0+1			
Frequency (MHz)	Calculated (dBm/MHz)			Limit (dBm/MHz)
5290.0	0.619			≤10.16
5530.0	0.595			≤9.29

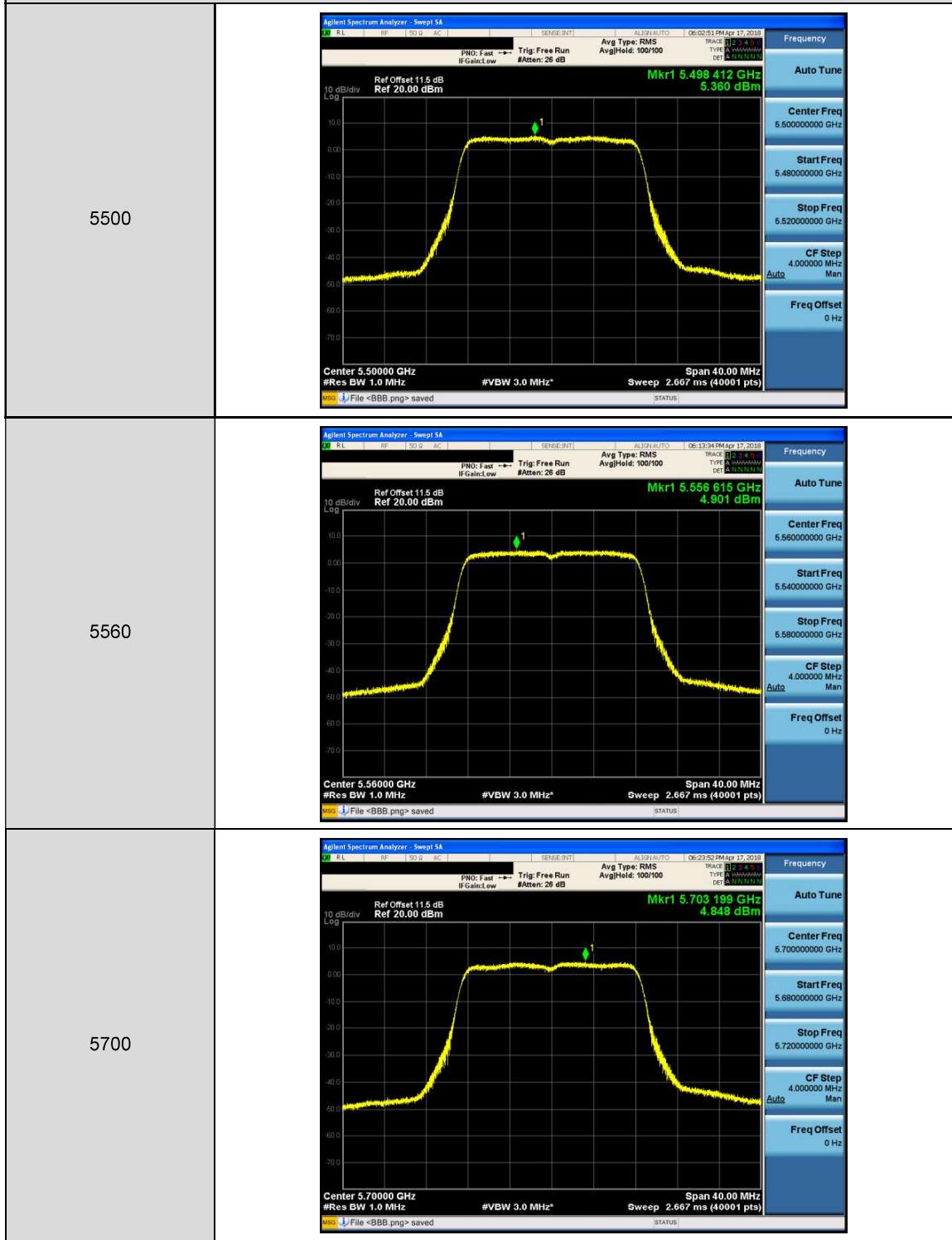
Note: Method SA-2, Power density = measured result +  $10\log(1/\text{duty cycle})$  + Conversion ratio = measured result + duty factor.

## ■ Test Graphs

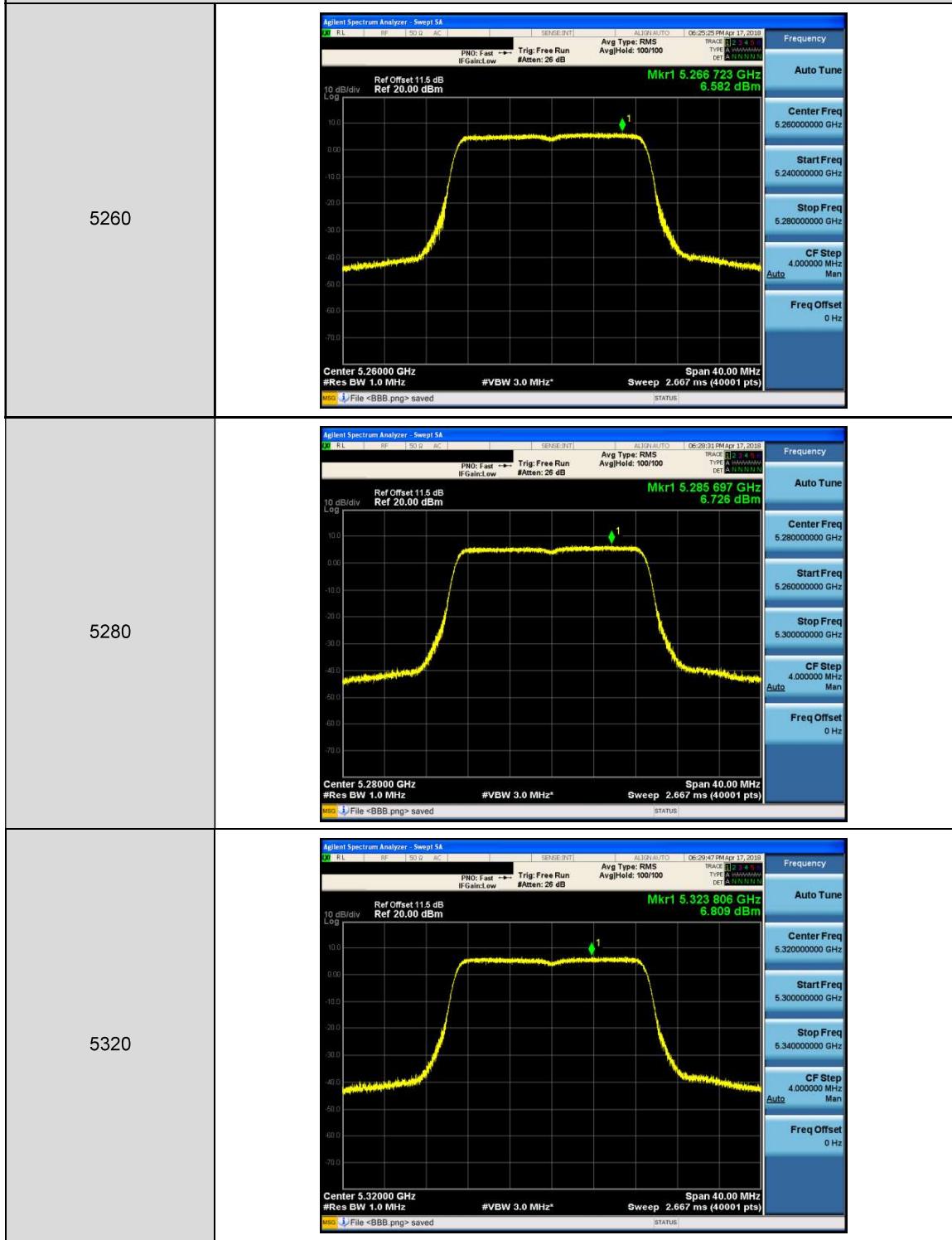
Mode 2: IEEE 802.11a Continuous TX mode\_ANT-0



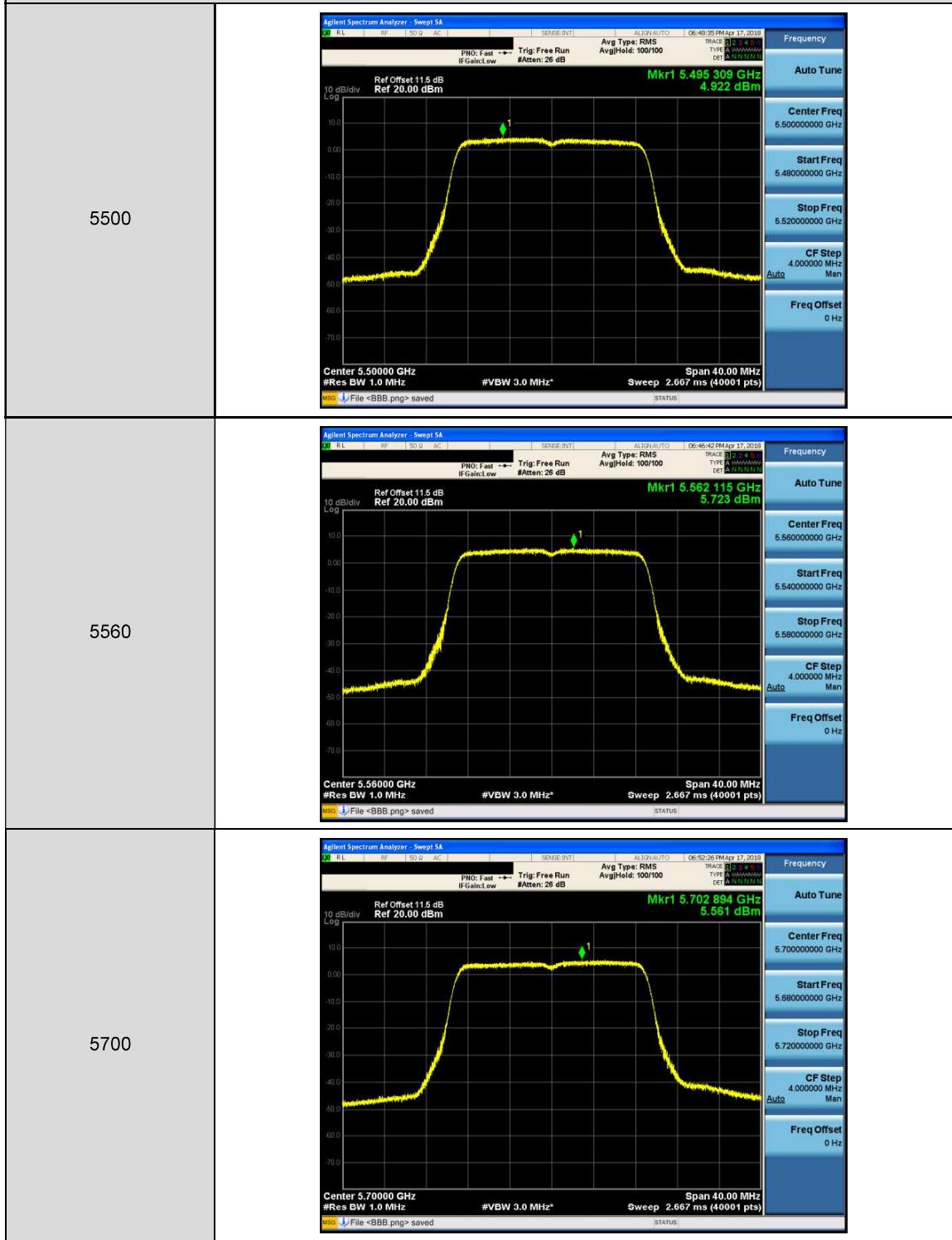
## Mode 2: IEEE 802.11a Continuous TX mode\_ANT-0



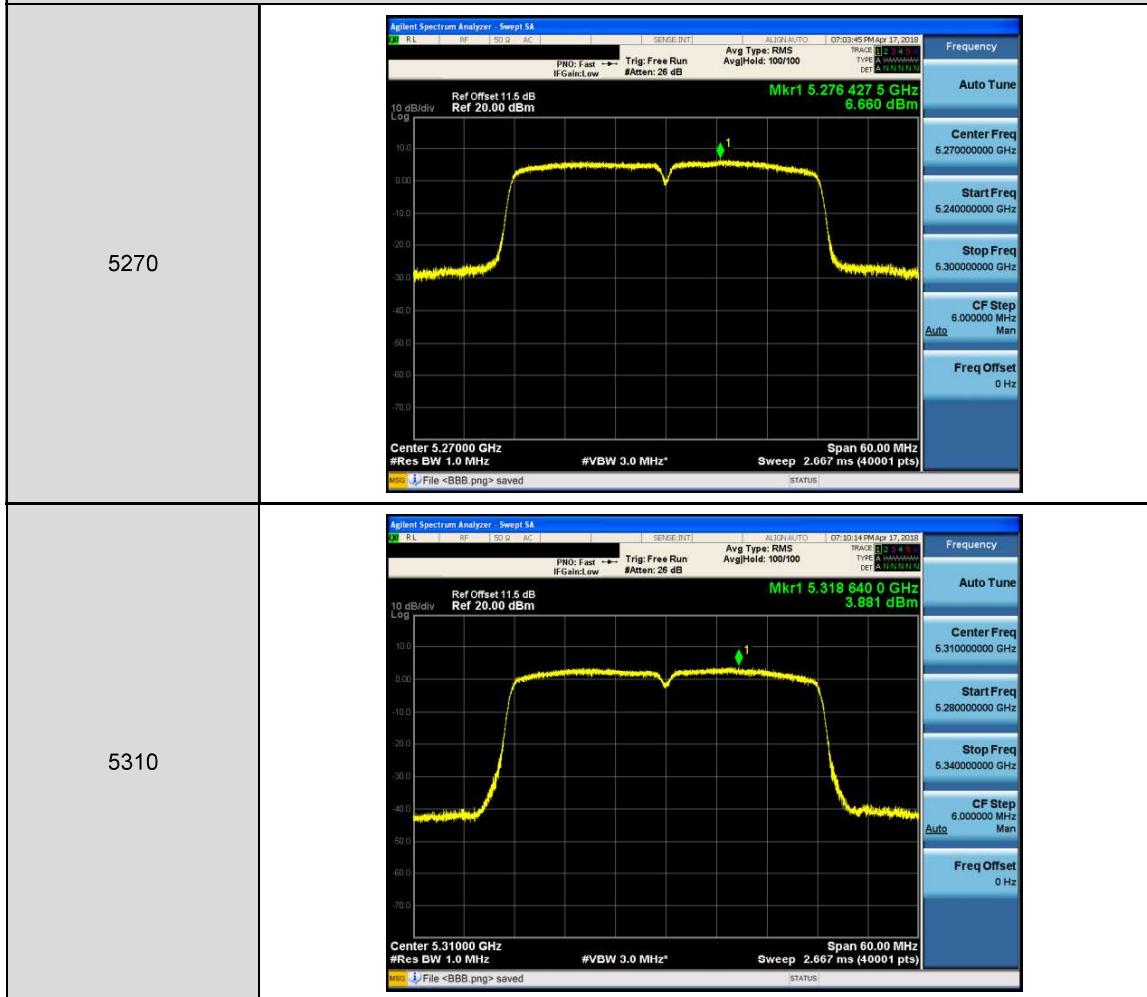
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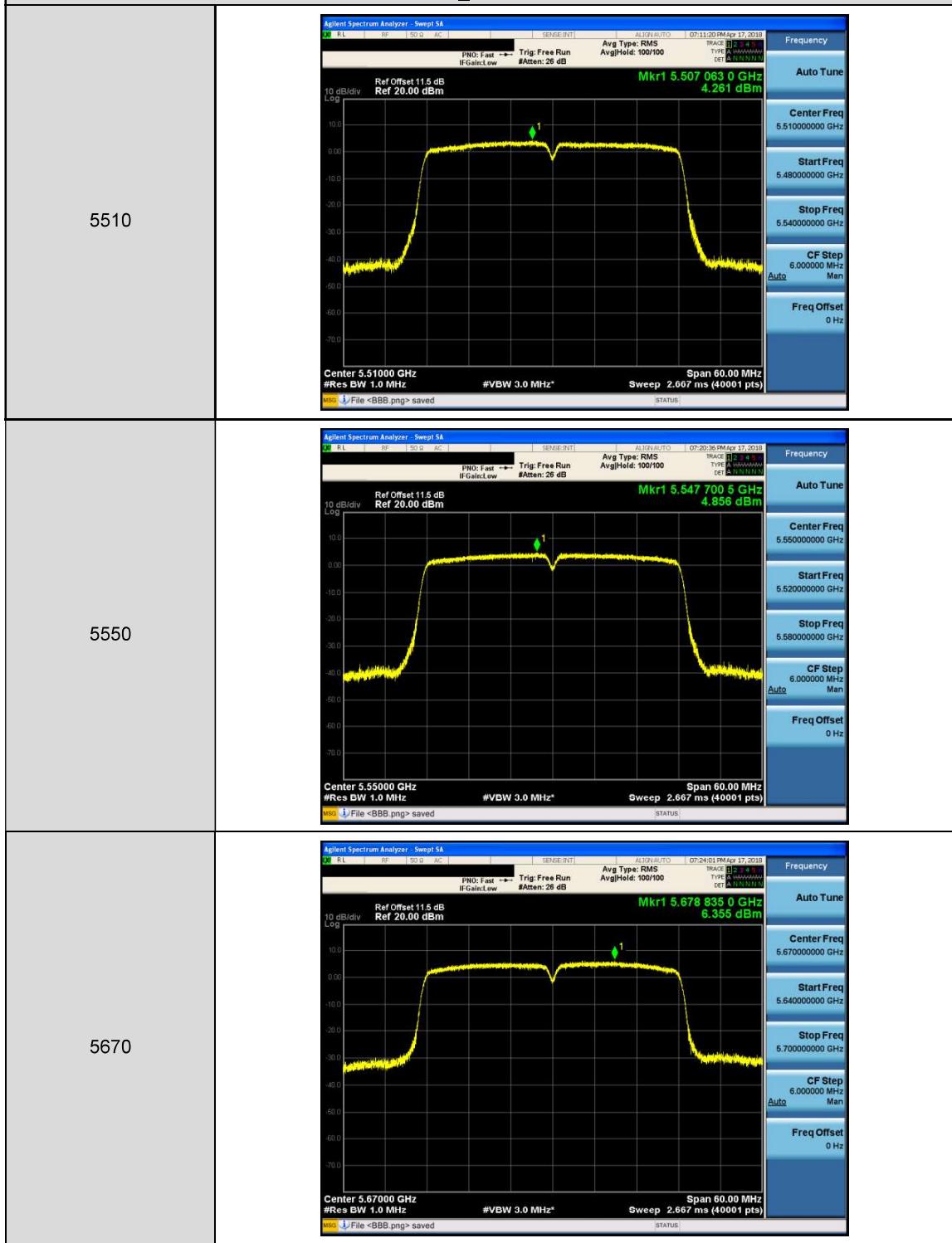
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-0



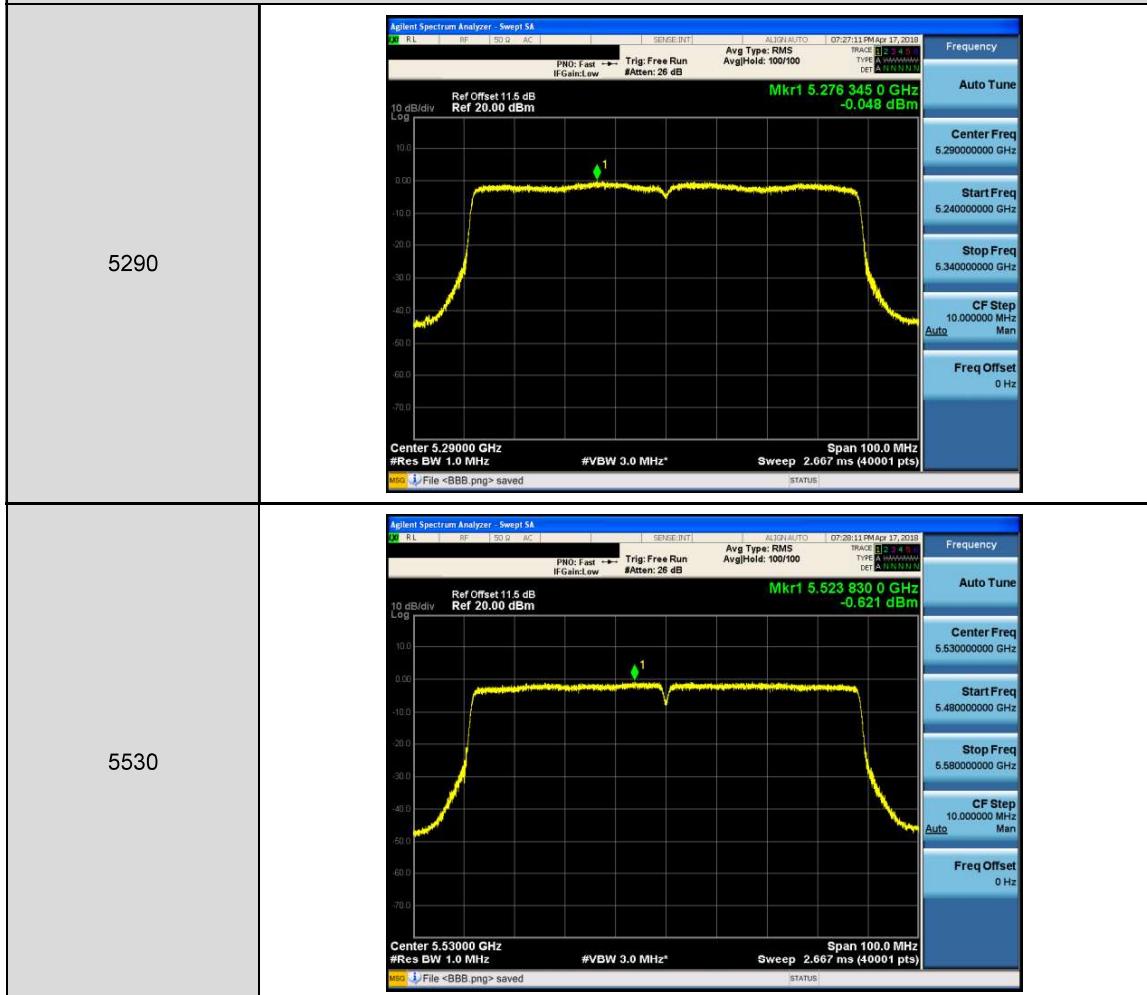
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-0



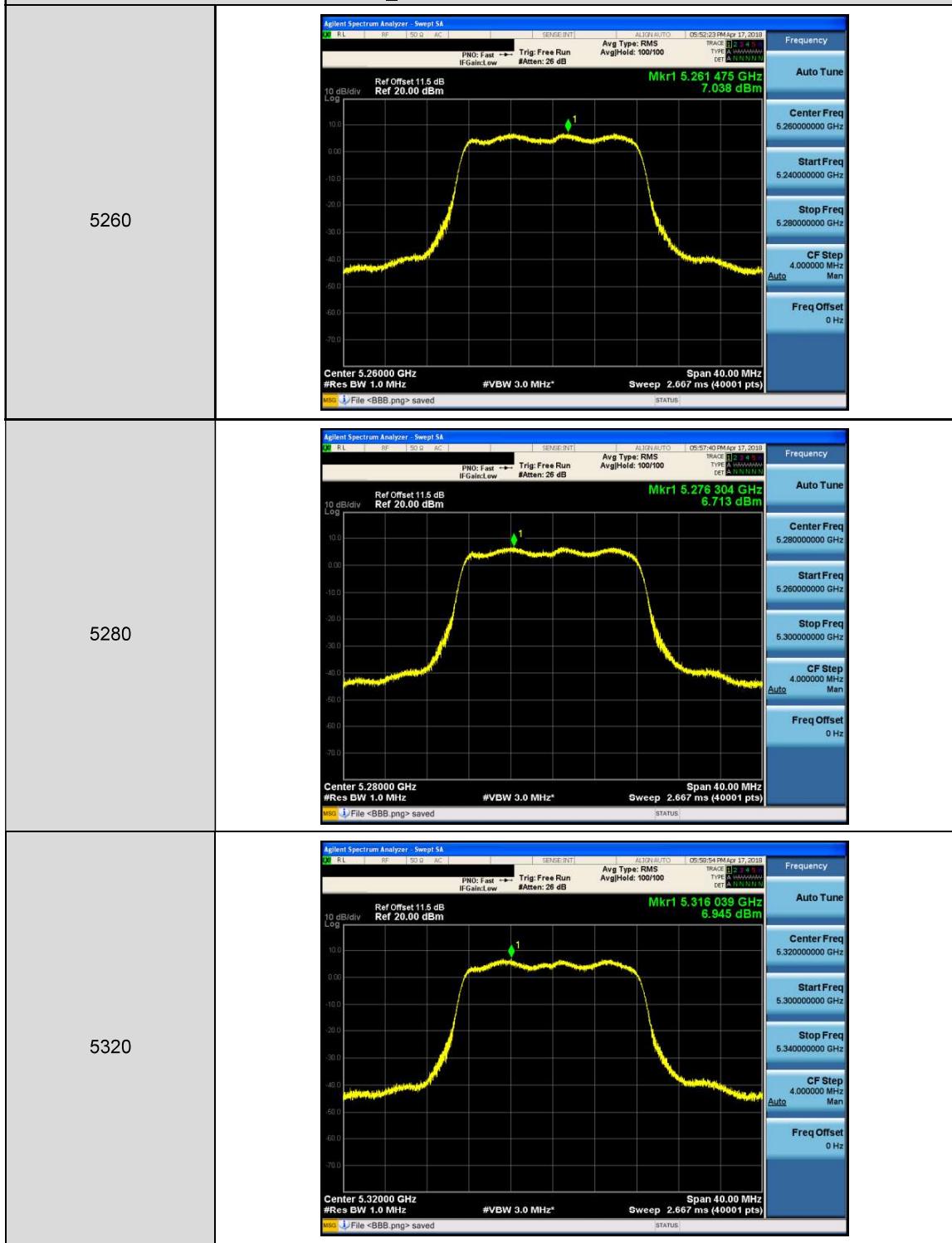
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-0



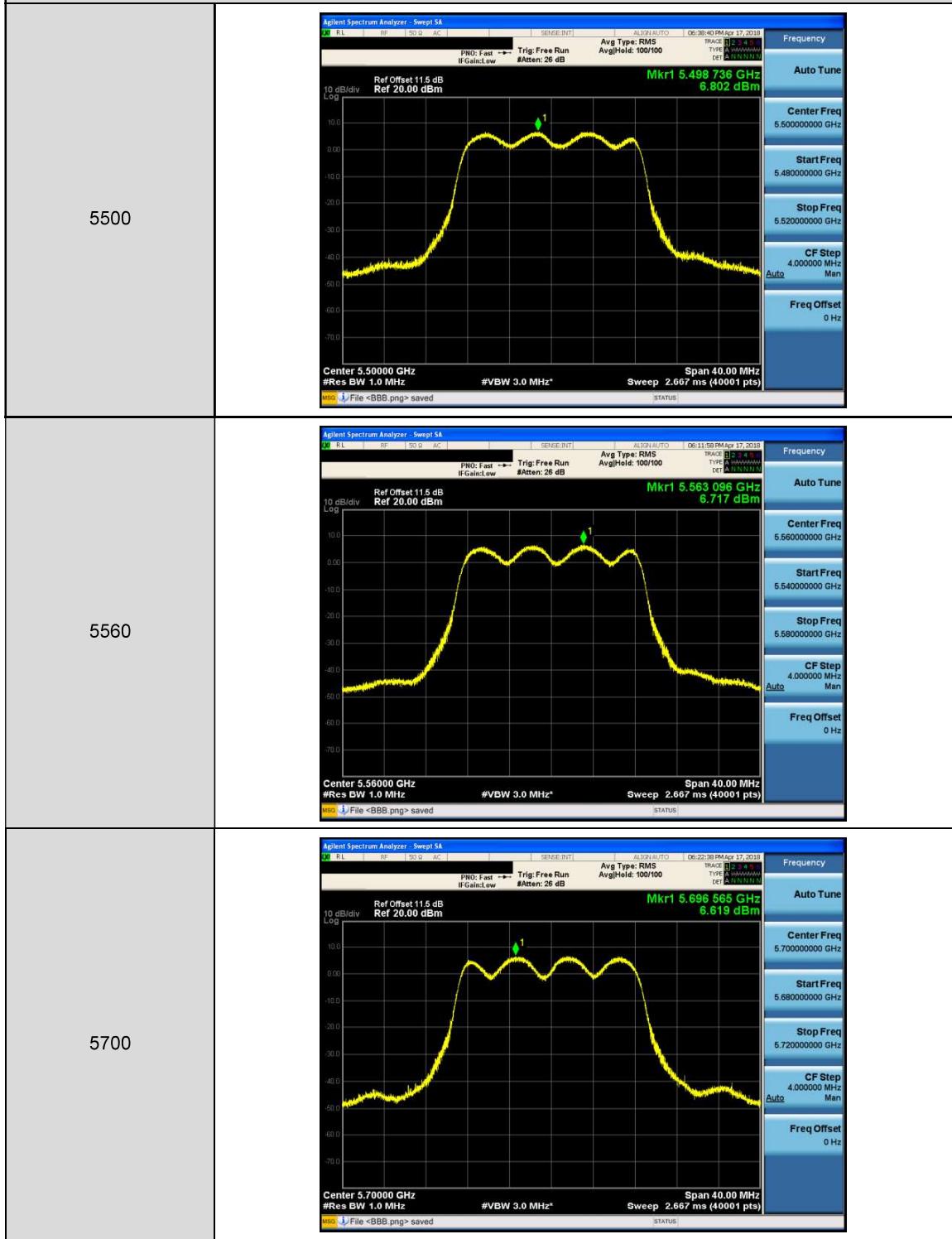
## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-0



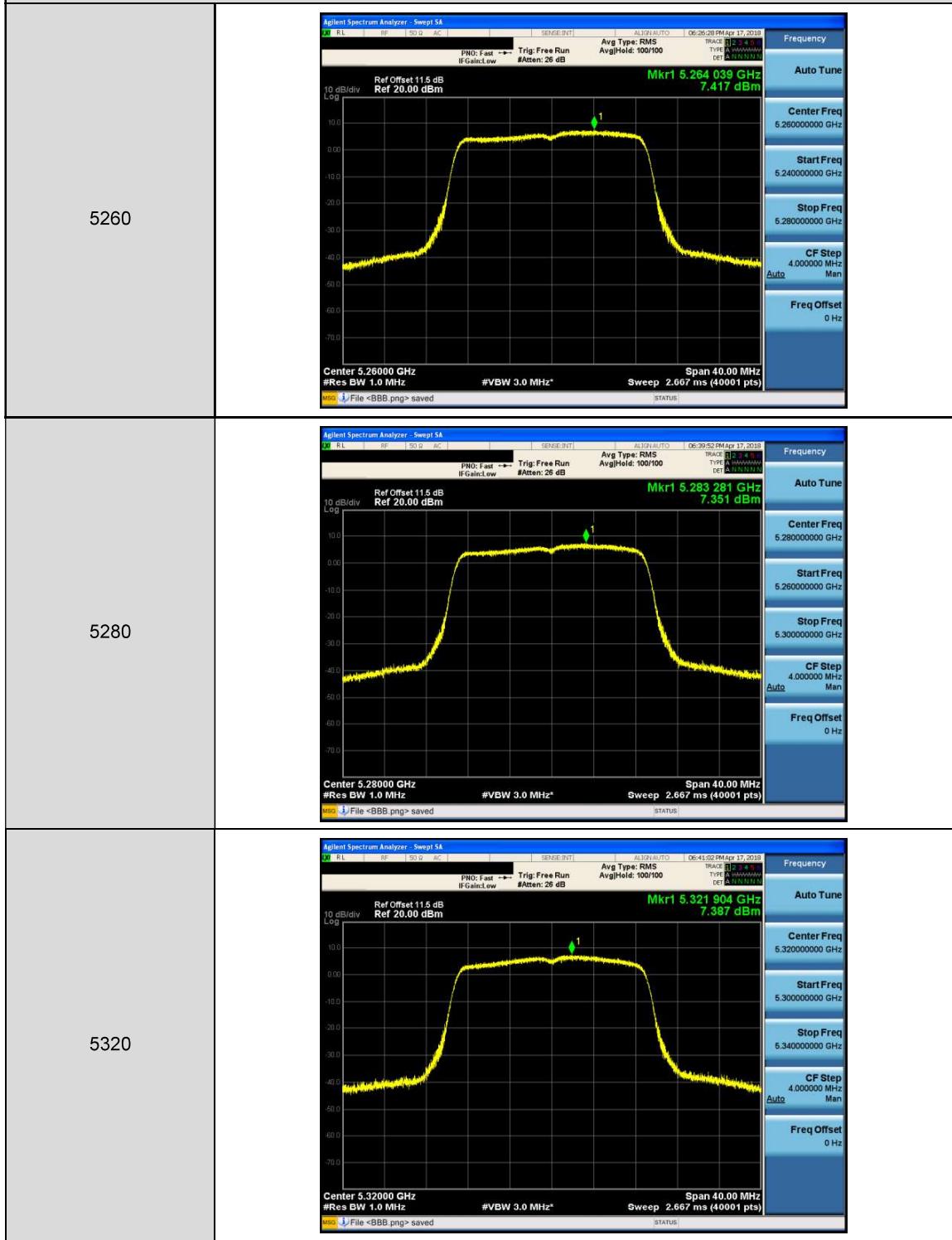
## Mode 2: IEEE 802.11a Continuous TX mode\_ANT-1



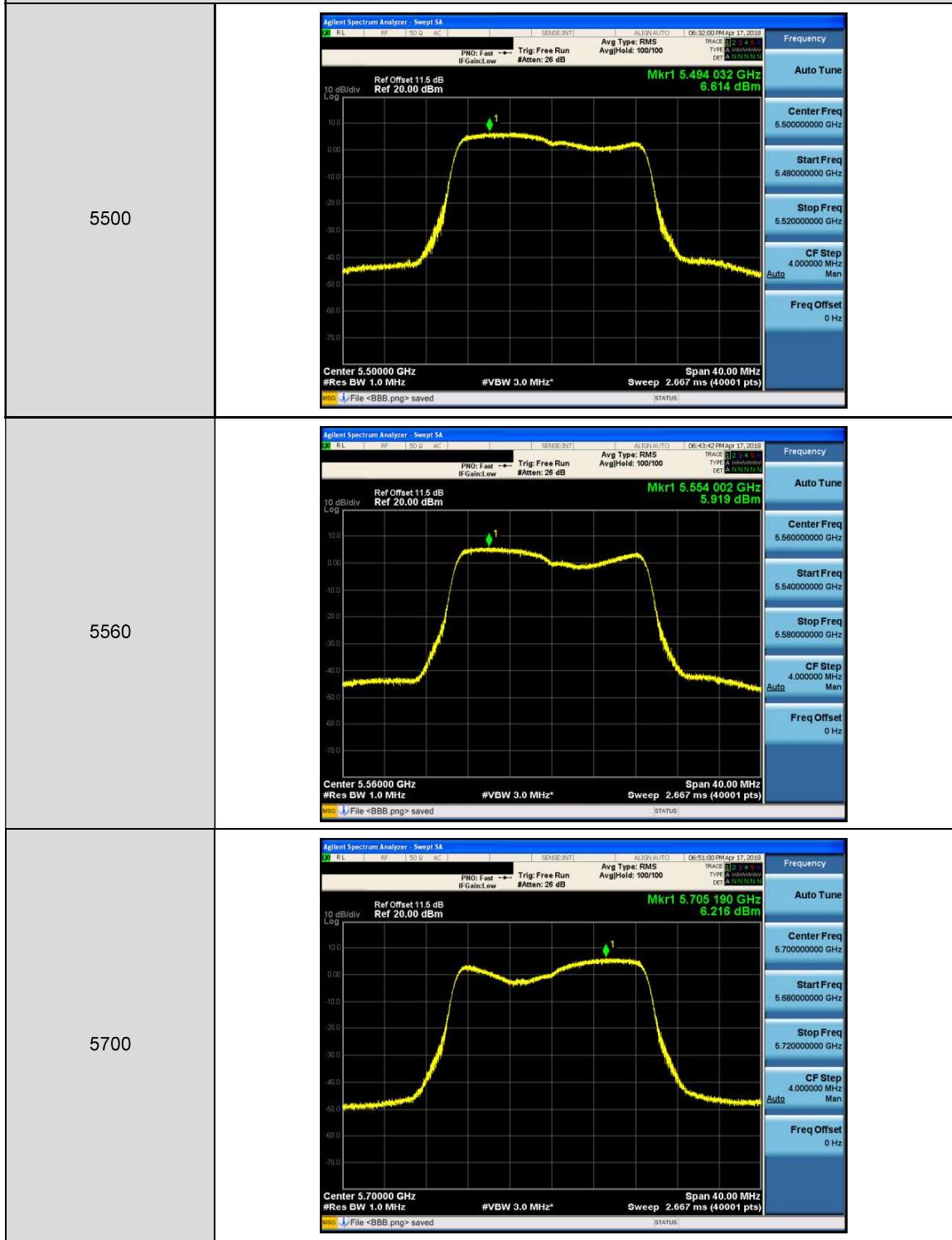
## Mode 2: IEEE 802.11a Continuous TX mode\_ANT-1



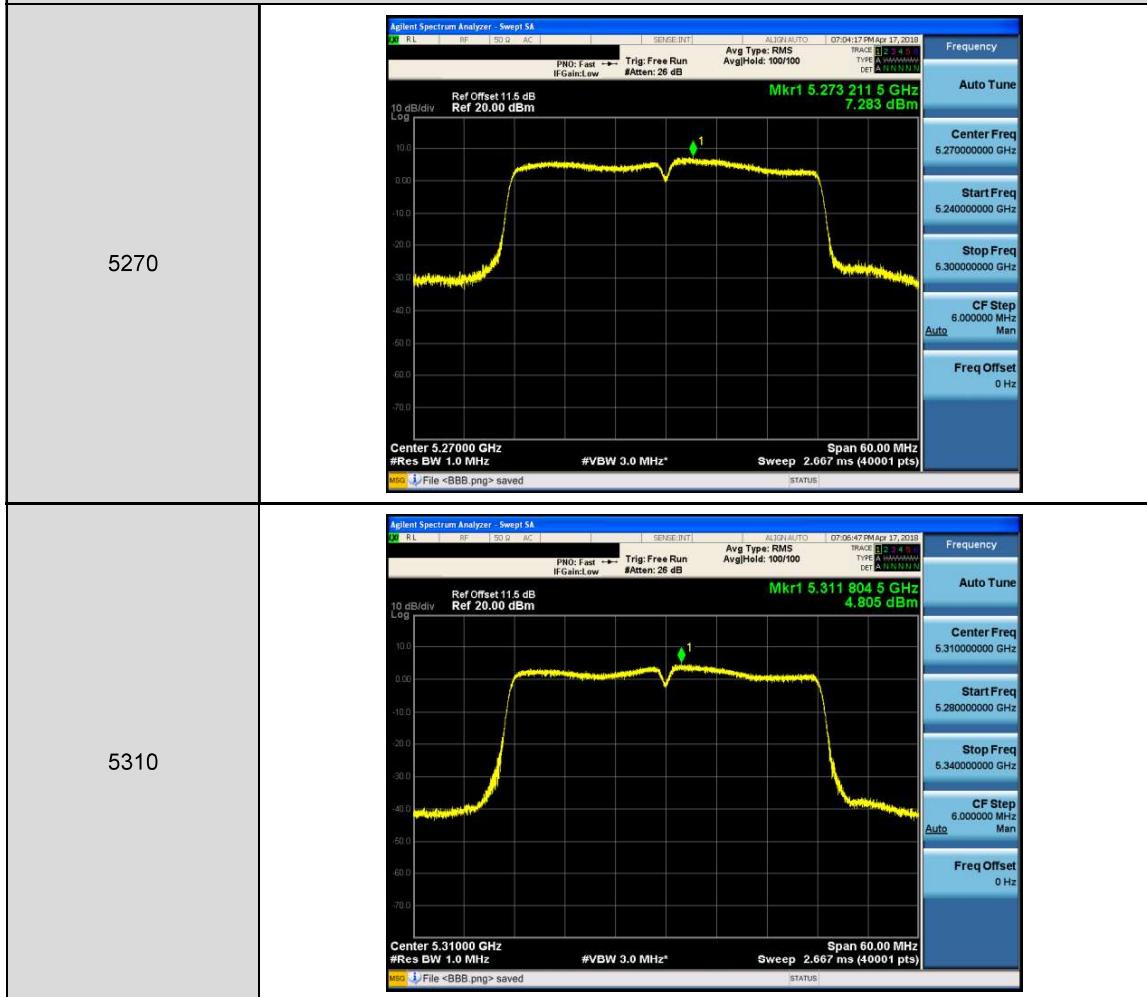
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1



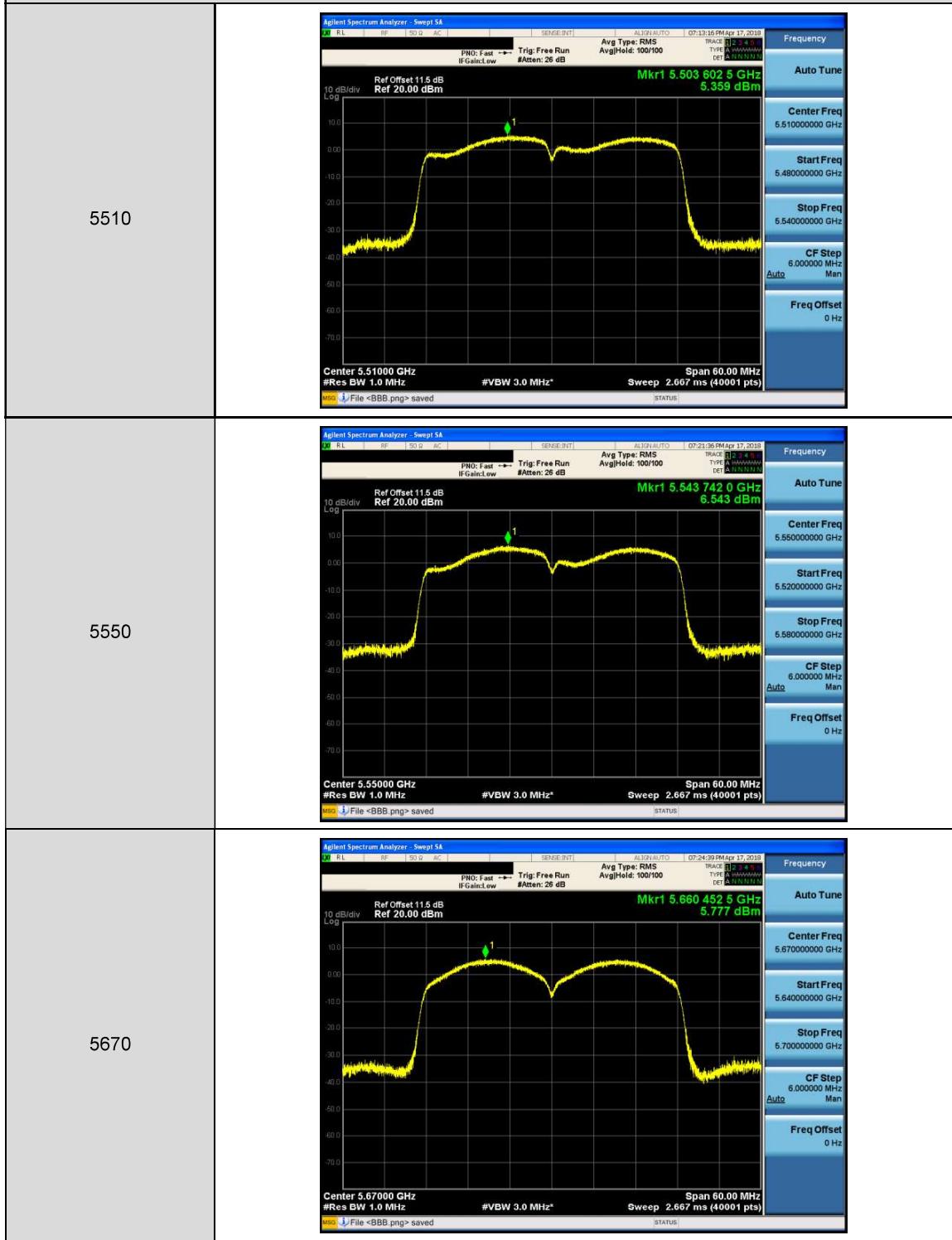
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1



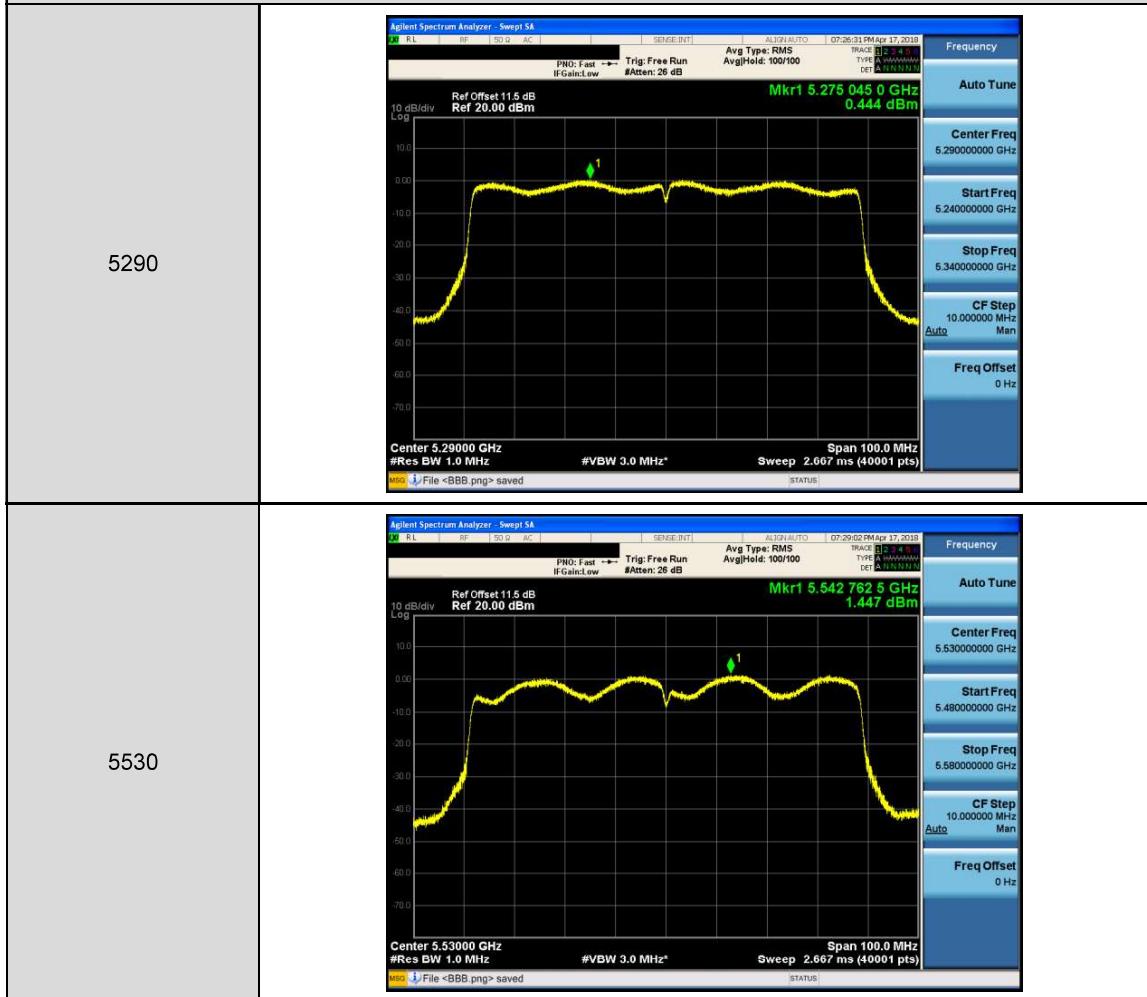
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1



## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1

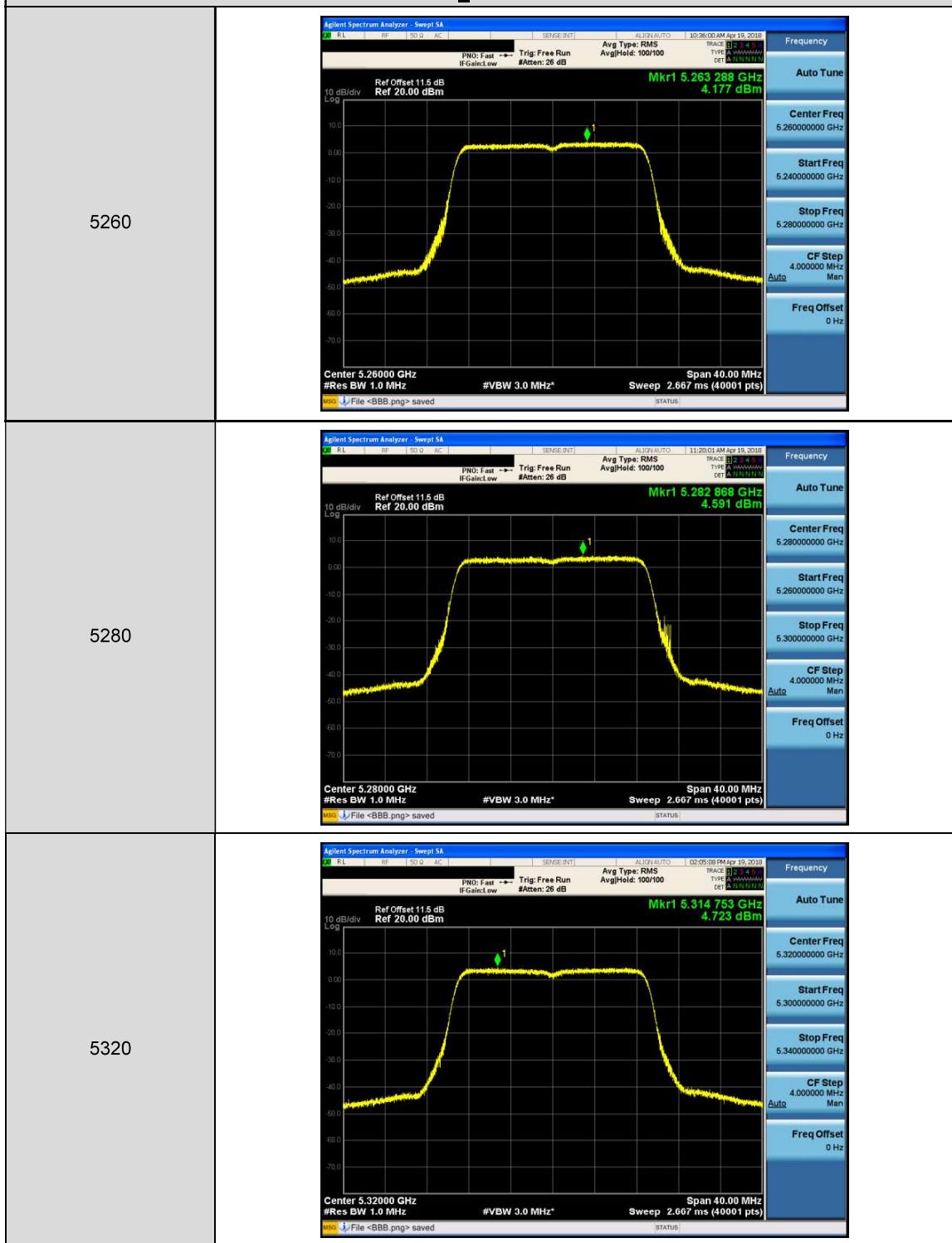


## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-1

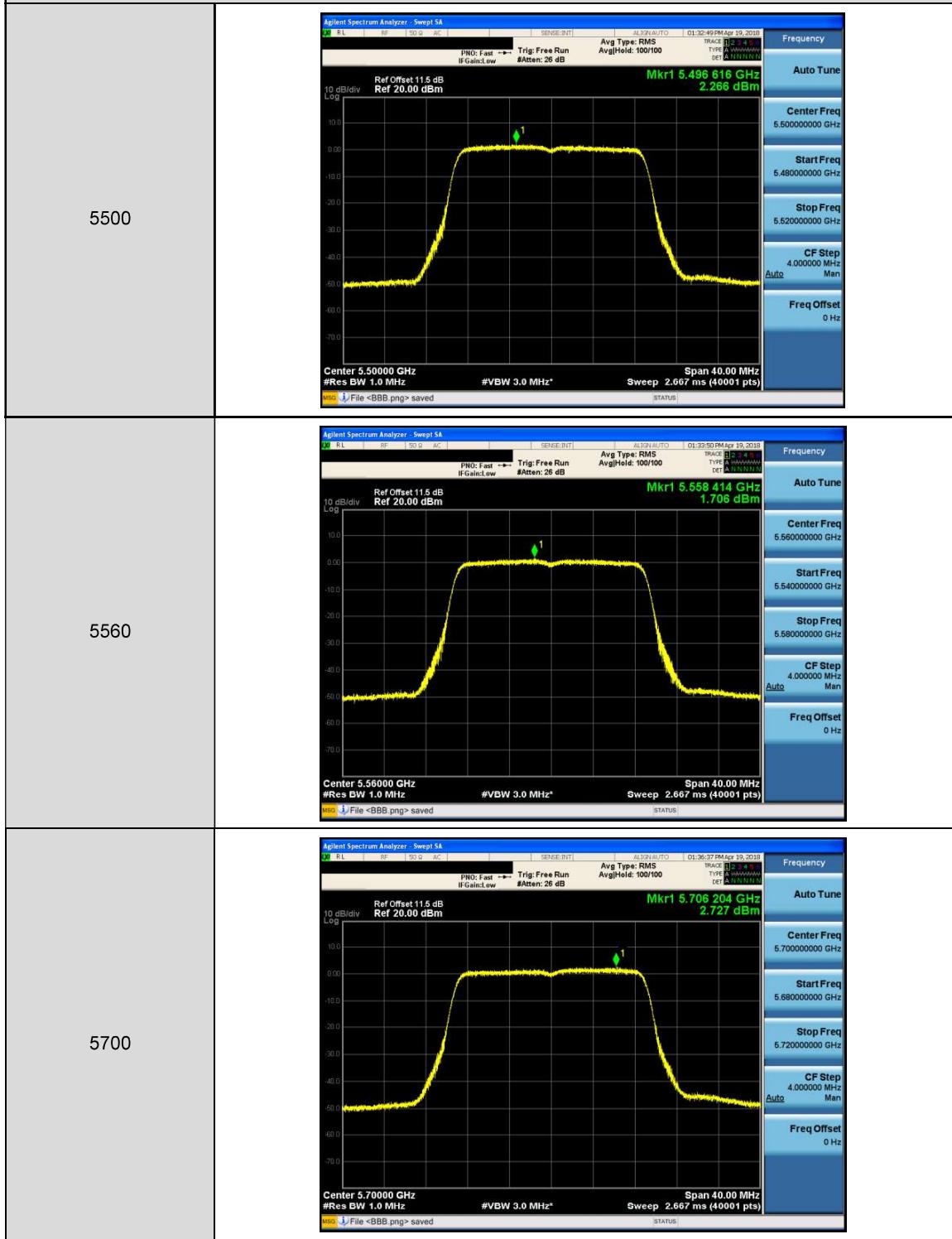


Beamforming on

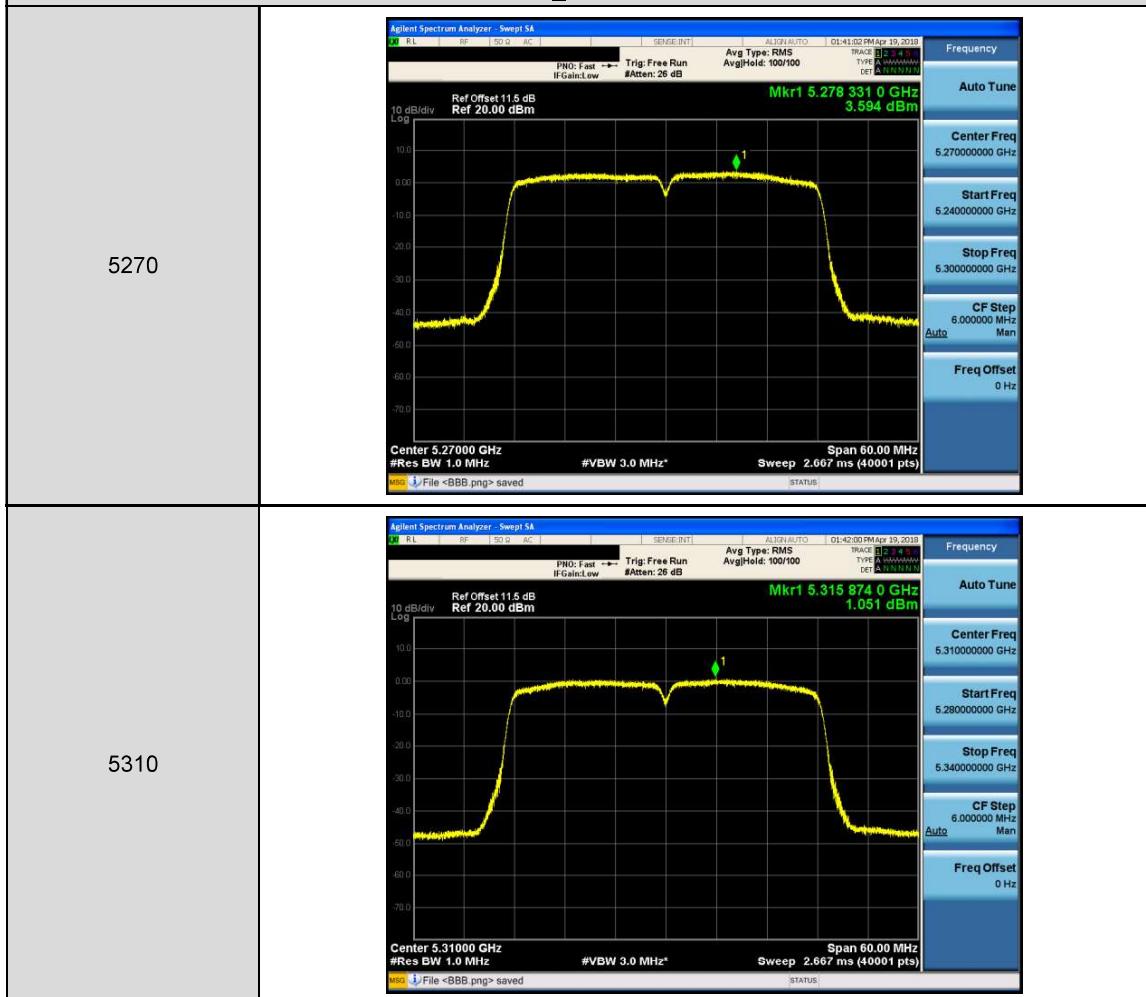
Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-0



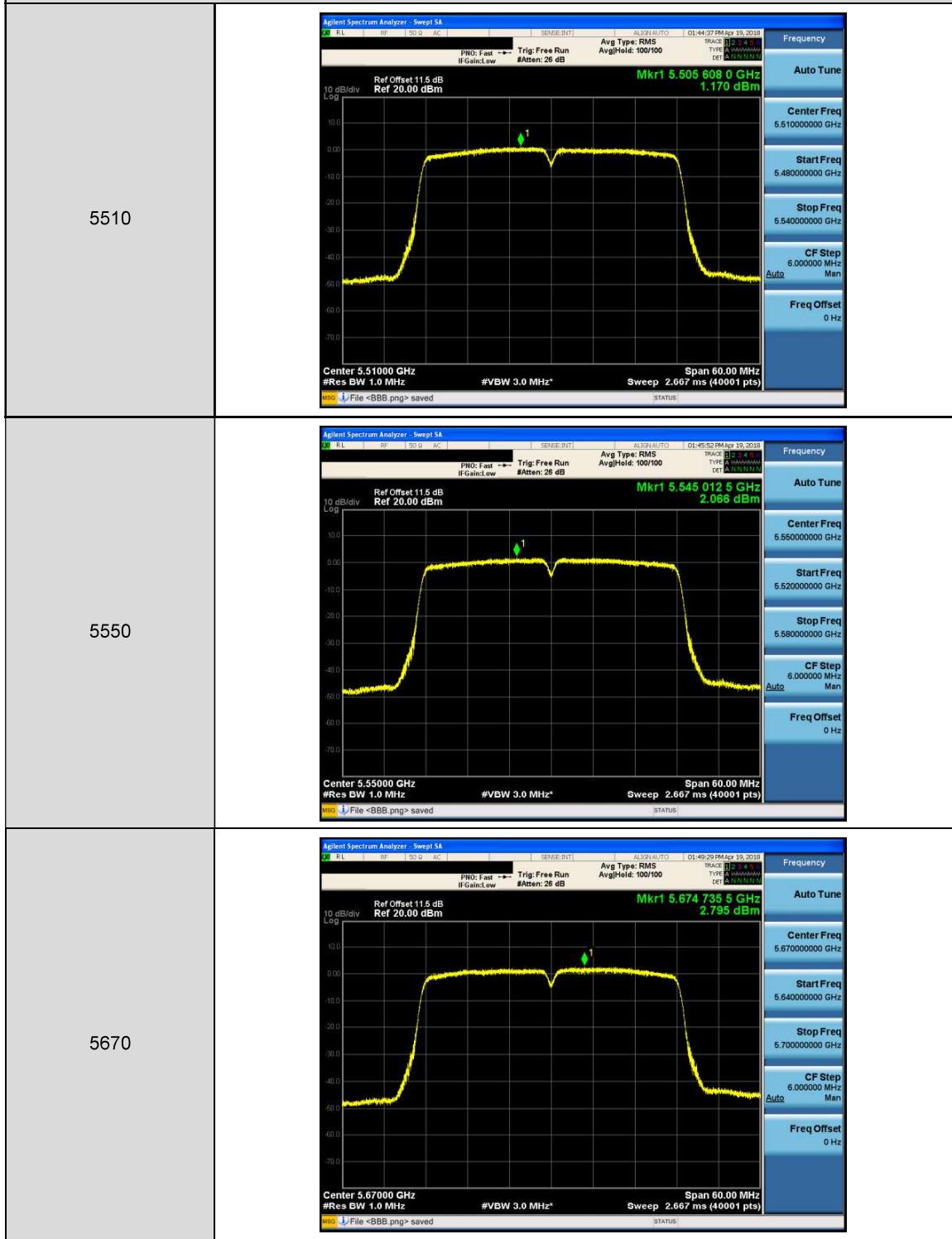
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-0



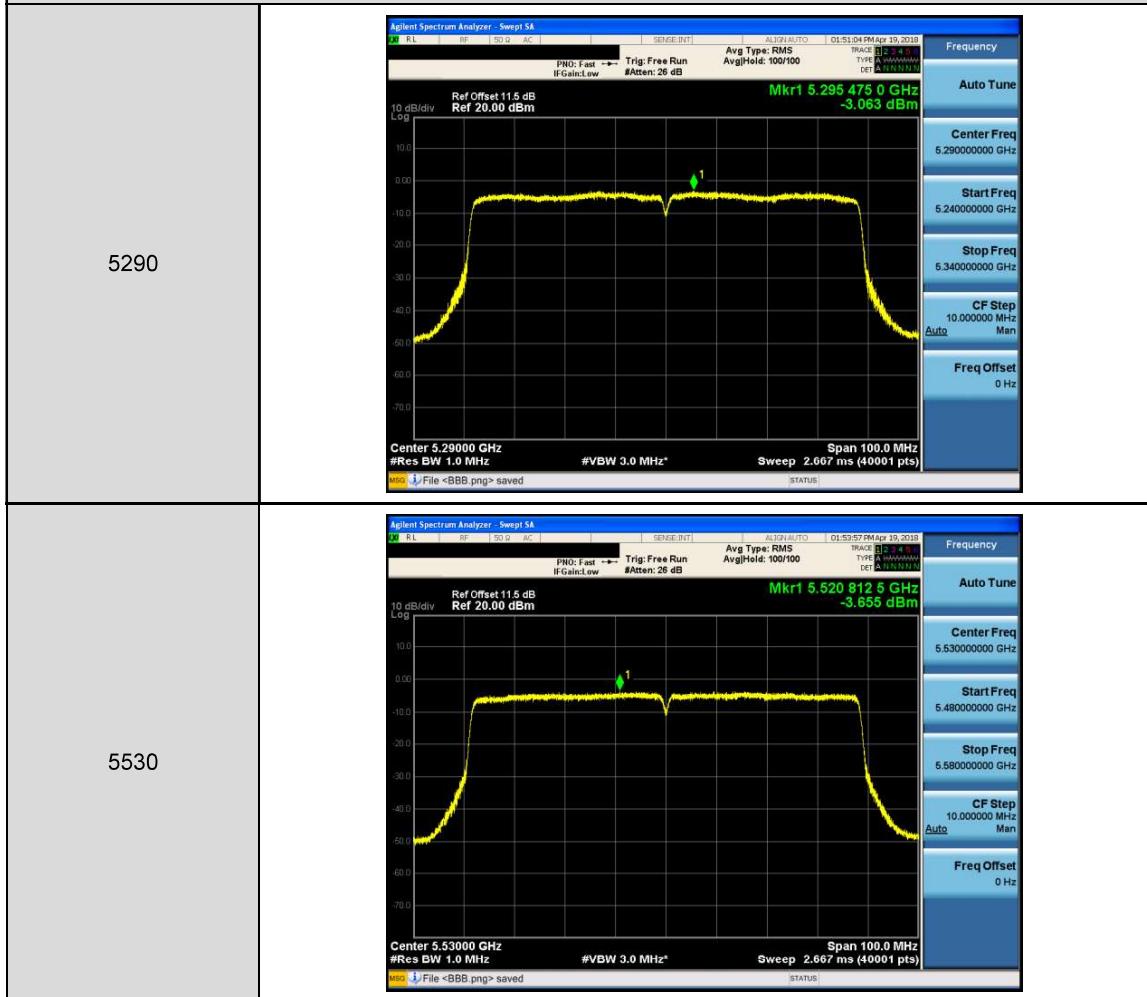
Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_AN-0



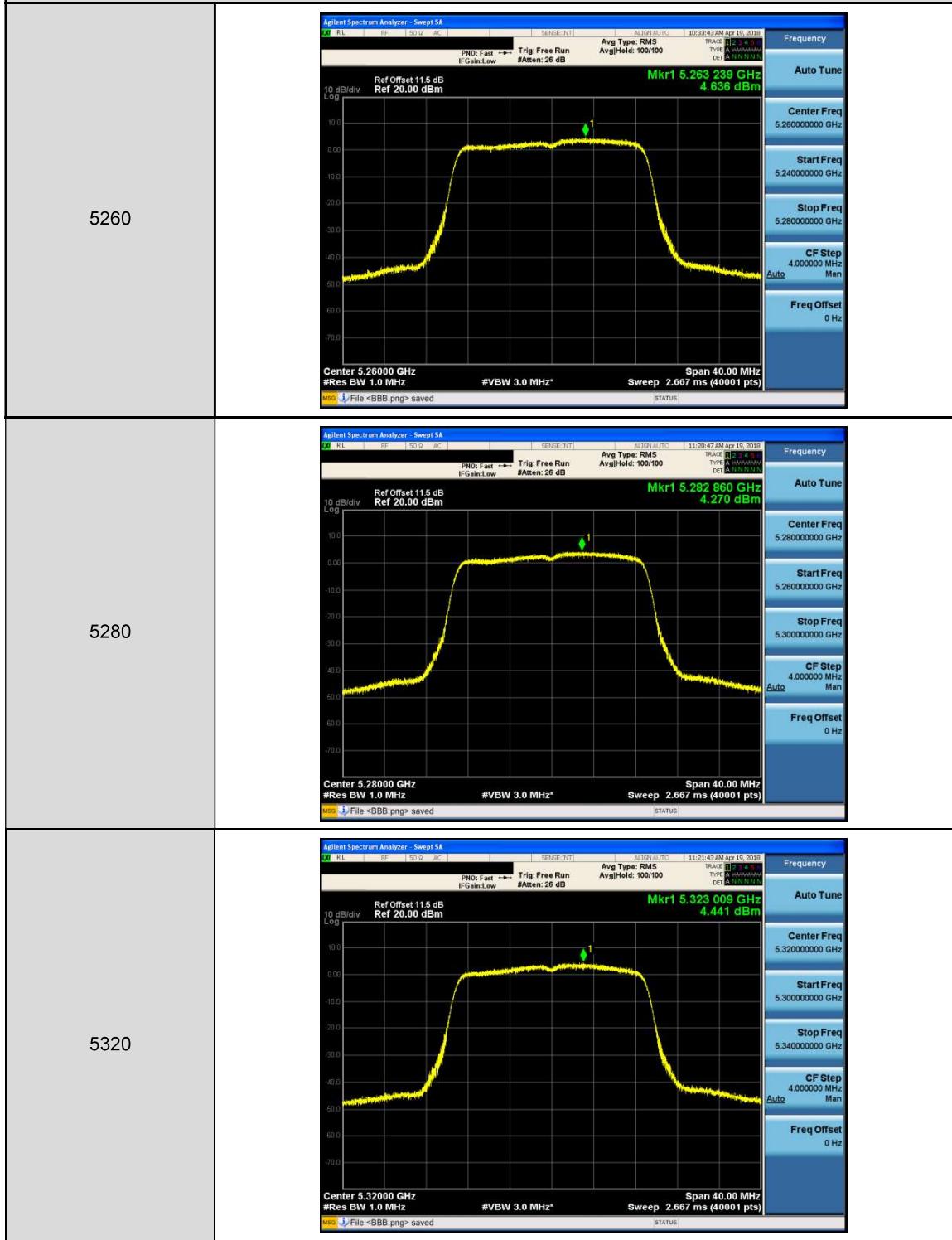
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-0



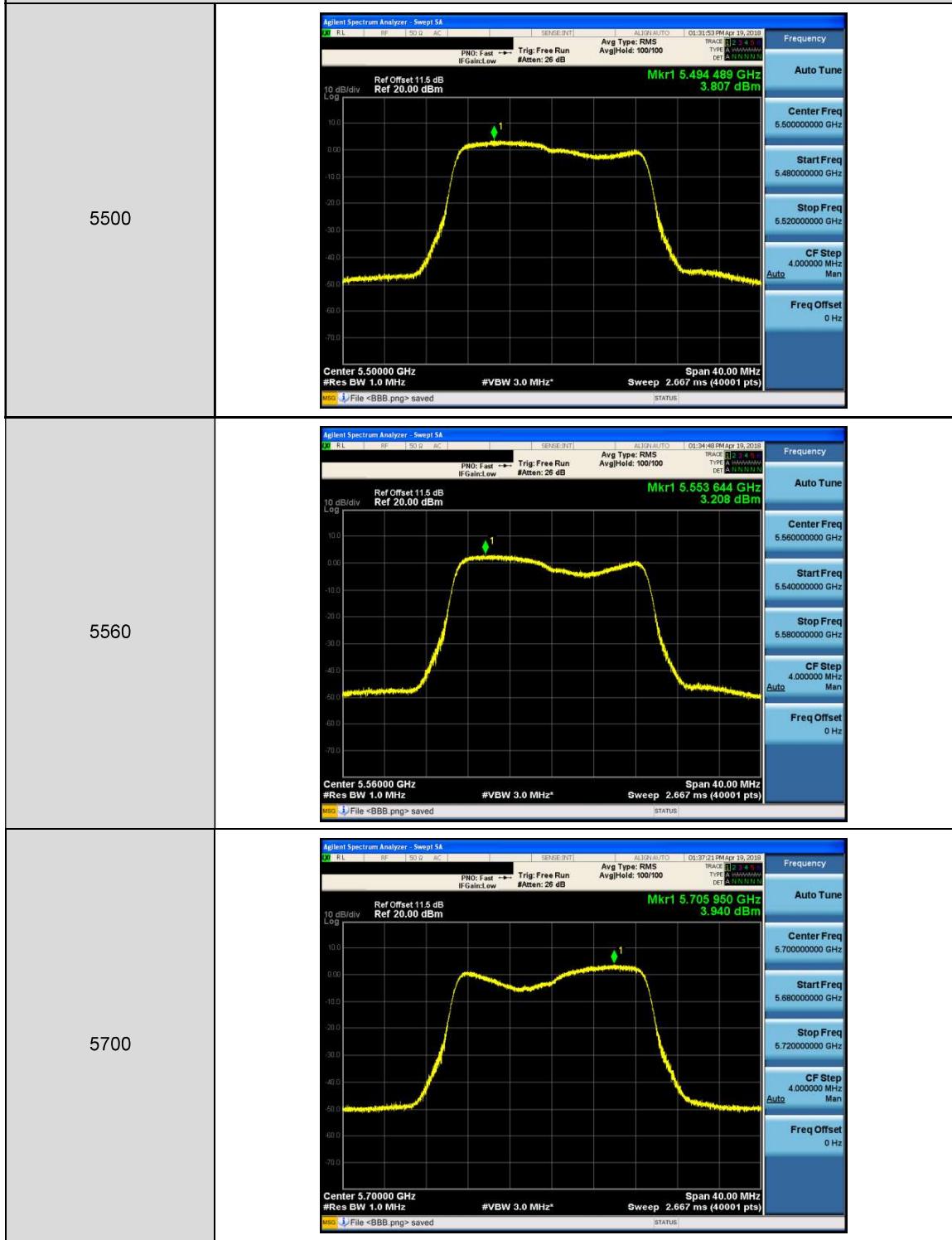
## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-0



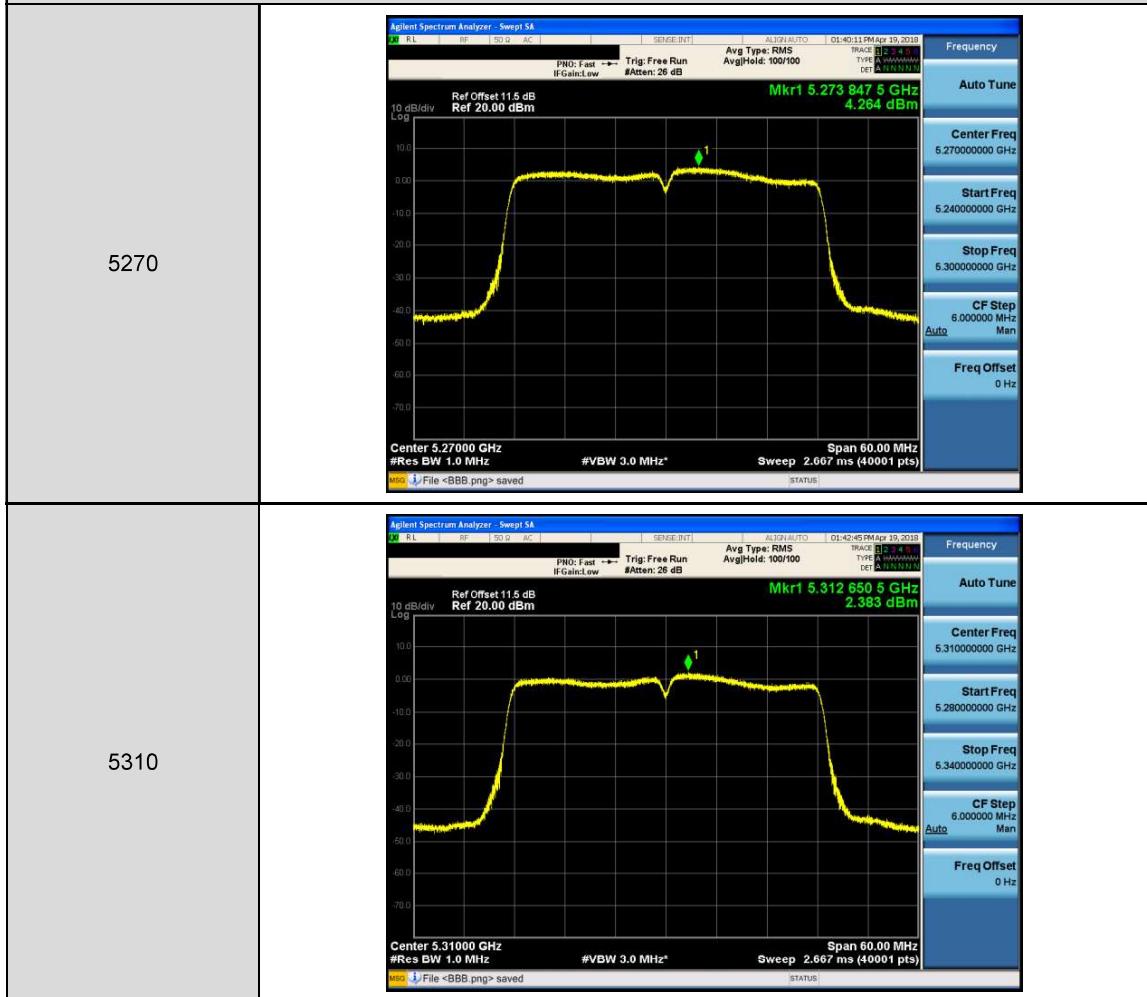
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1



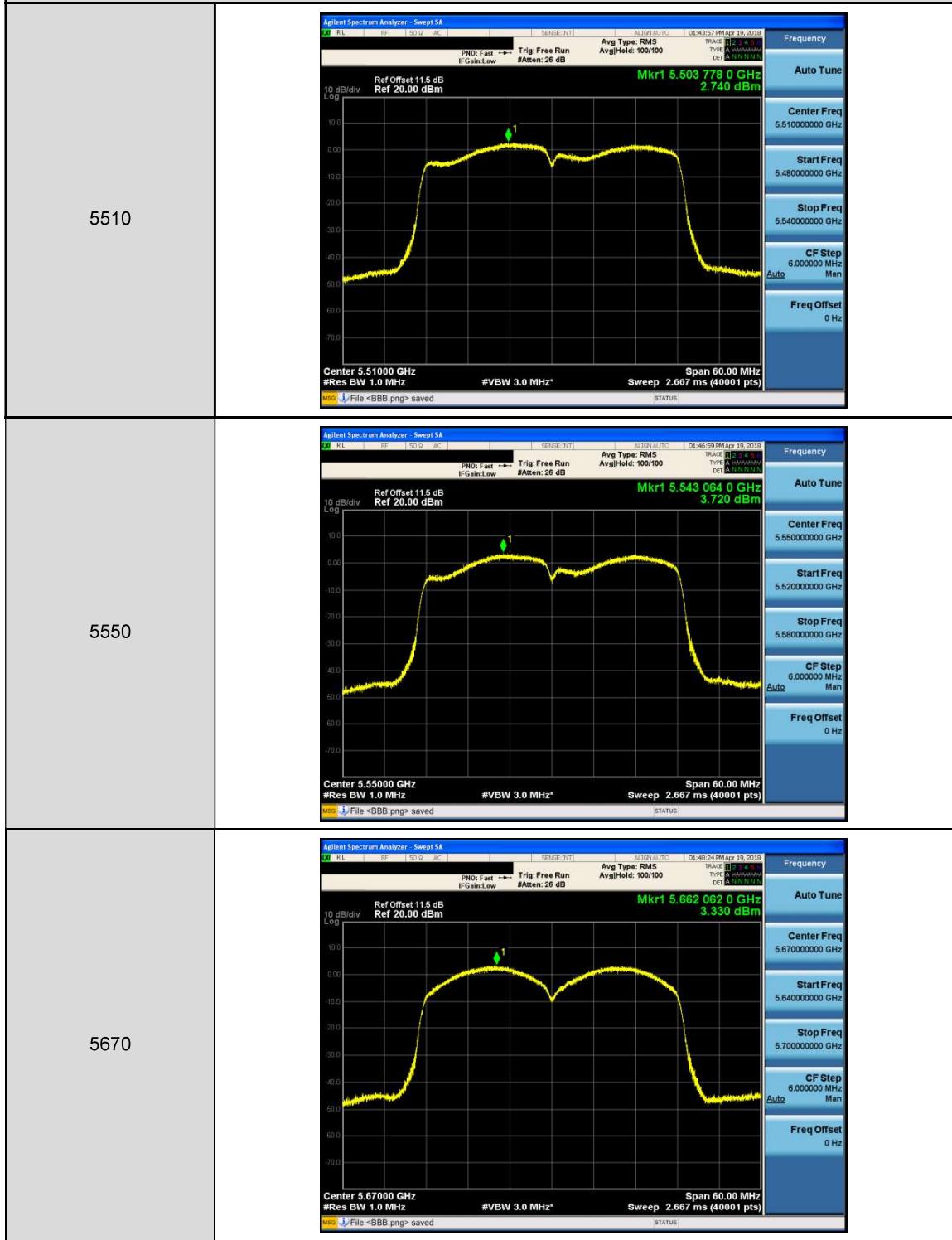
## Mode 3: IEEE 802.11ac 20MHz Continuous TX mode\_ANT-1



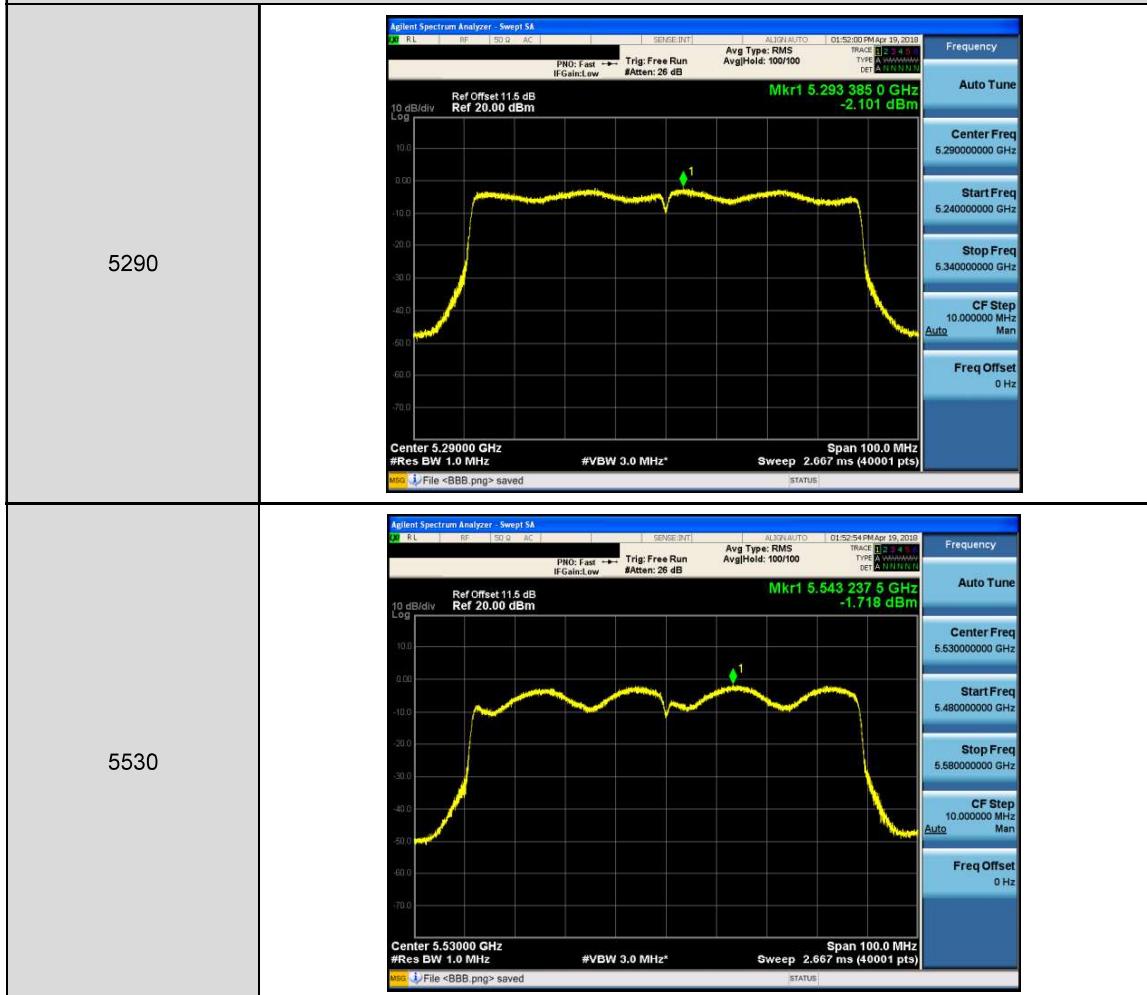
## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1



## Mode 4: IEEE 802.11ac 40MHz Continuous TX mode\_ANT-1



## Mode 5: IEEE 802.11ac 80MHz Continuous TX mode\_ANT-1



## 5.6. Frequency Stability Measurement

### Temperature Variations

Test Item	Frequency Stability					
Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5280 MHz	0	120	5279.9724	-27600	-5.227	Pass
	10		5279.9736	-26400	-5.000	Pass
	20		5279.9742	-25800	-4.886	Pass
	30		5279.9783	-21700	-4.110	Pass
	40		5279.995	-5000	-0.947	Pass
5560 MHz	0	120	5559.9559	-44100	-7.932	Pass
	10		5559.9575	-42500	-7.644	Pass
	20		5559.9589	-41100	-7.392	Pass
	30		5559.9597	-40300	-7.248	Pass
	40		5559.9613	-38700	-6.960	Pass

### Voltage Variations

Test Item	Frequency Stability					
Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5280 MHz	20	138.00	5279.973	-27000	-5.114	Pass
		120.00	5279.9742	-25800	-4.886	Pass
		102.00	5279.9755	-24500	-4.640	Pass
5560 MHz	20	138.00	5559.9565	-43500	-7.824	Pass
		120.00	5559.9589	-41100	-7.392	Pass
		102.00	5559.961	-39000	-7.014	Pass

Note: The manufacturer's frequency stability specification is better than 20ppm.