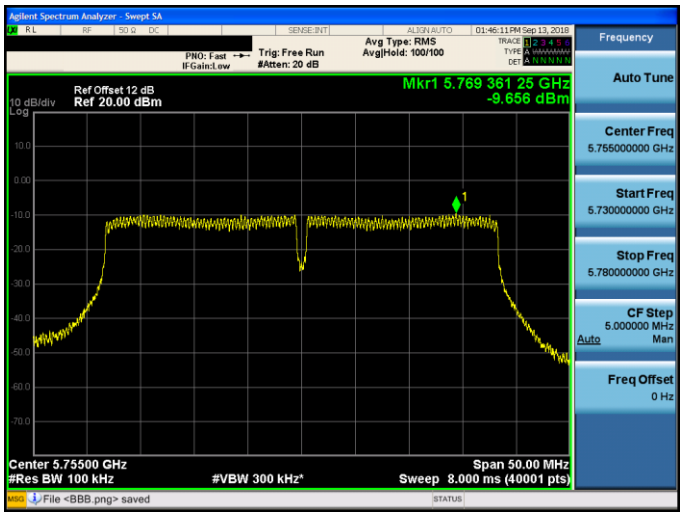
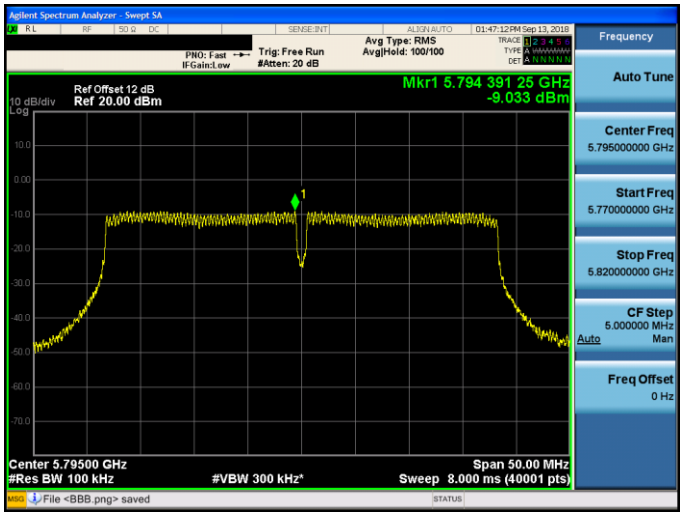
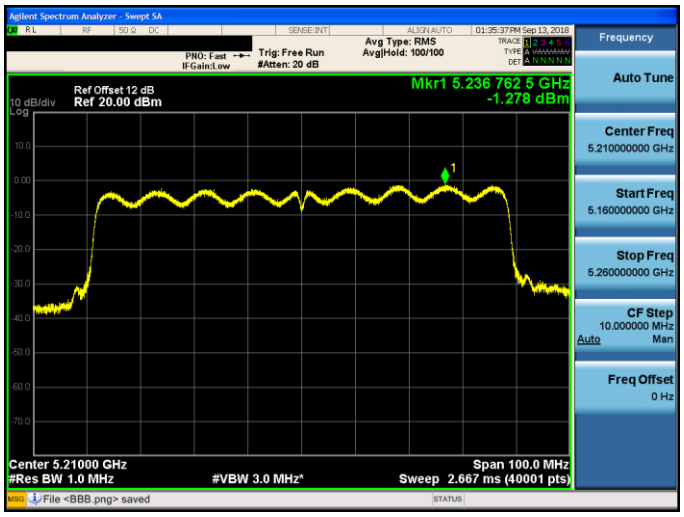
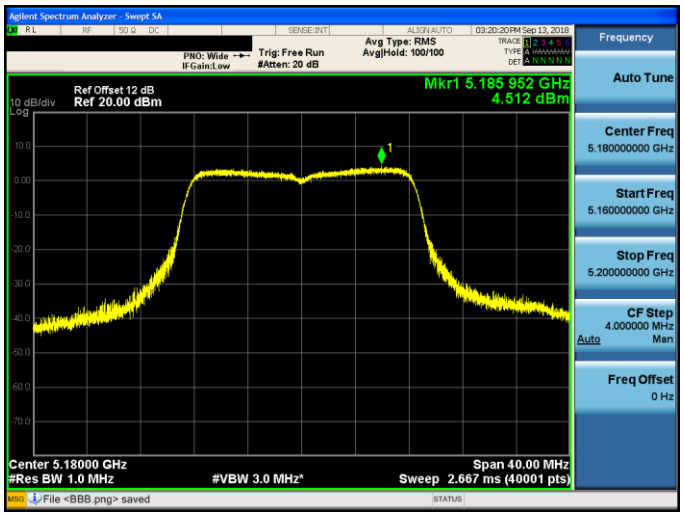
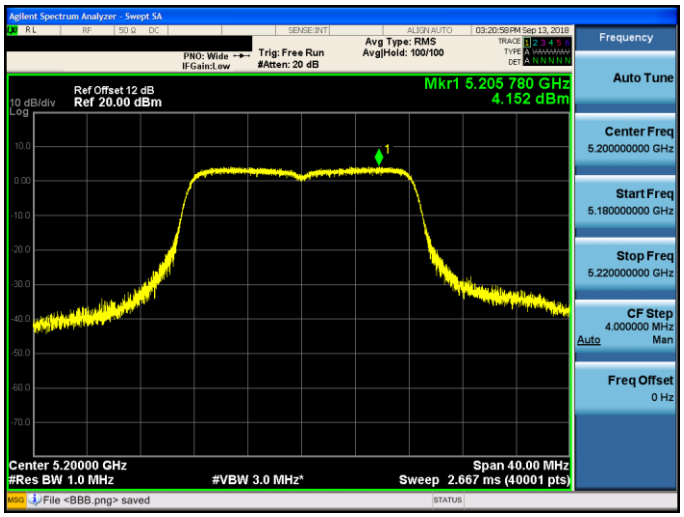
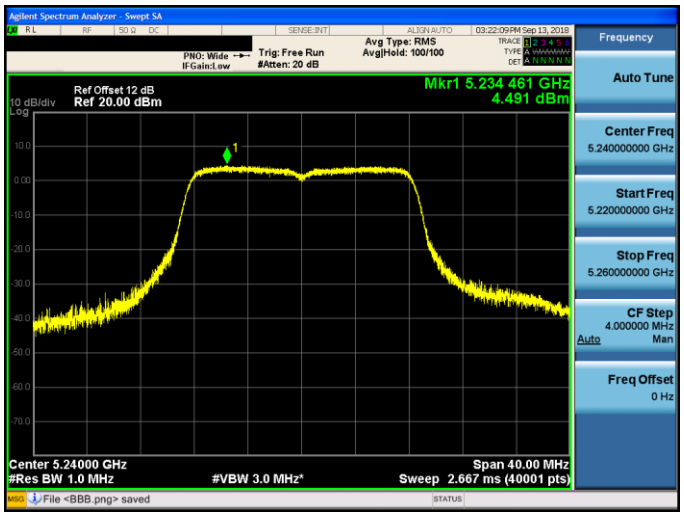
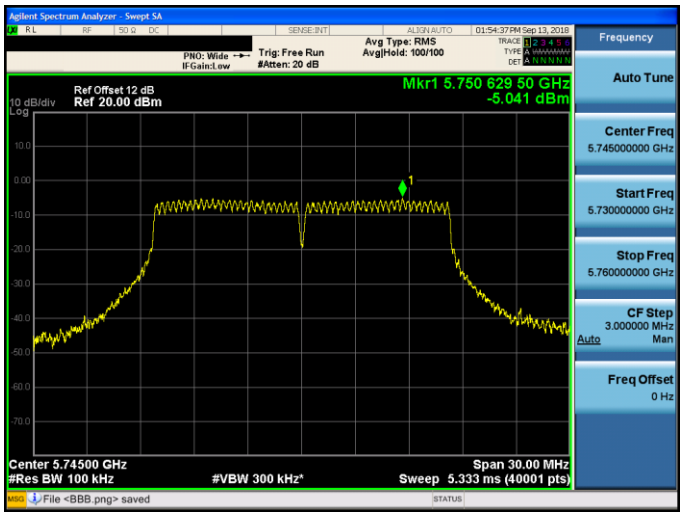
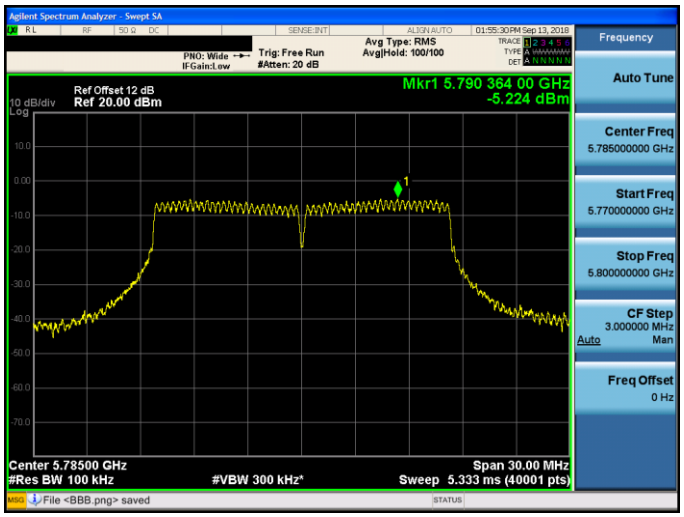
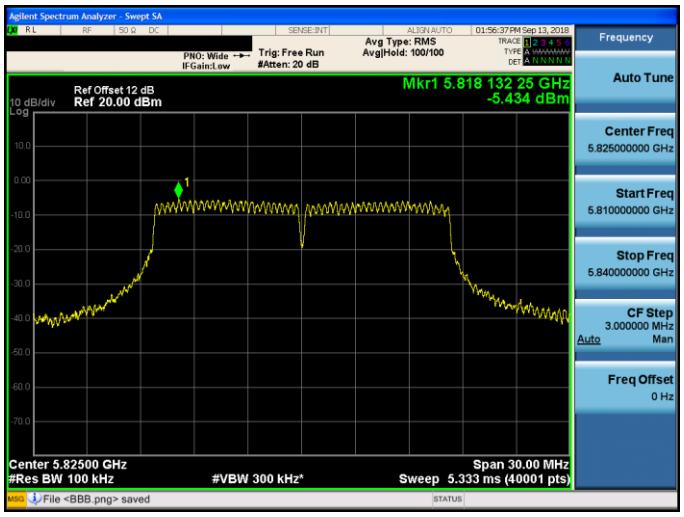
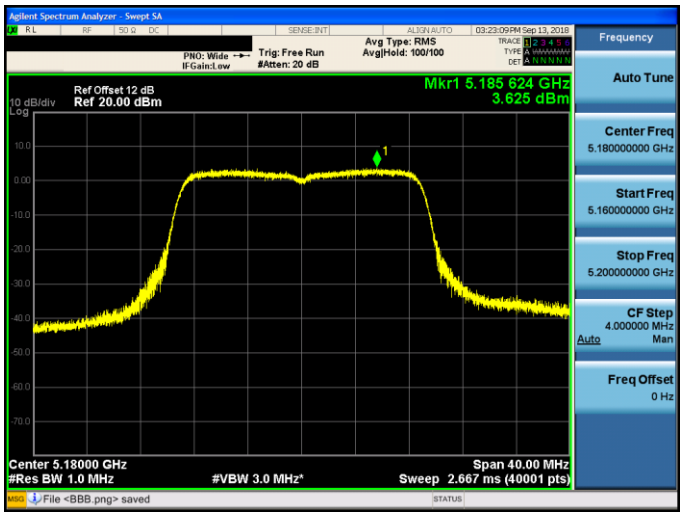
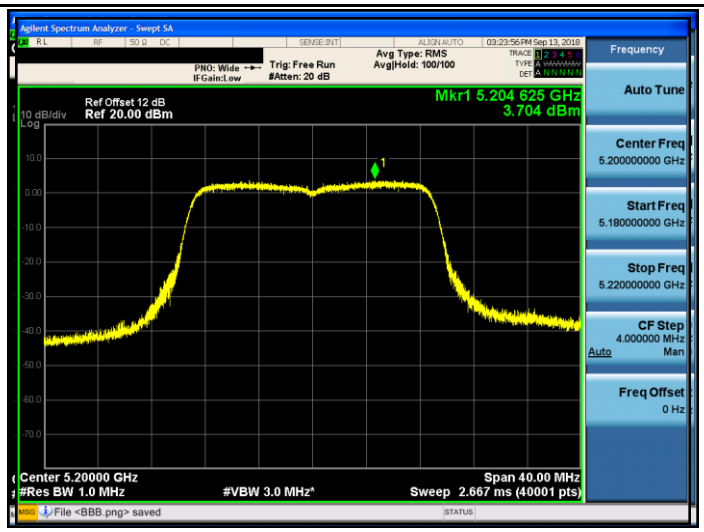
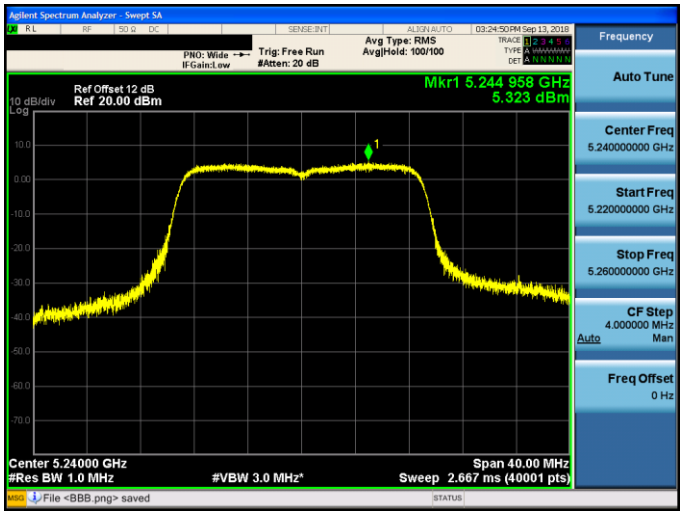
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

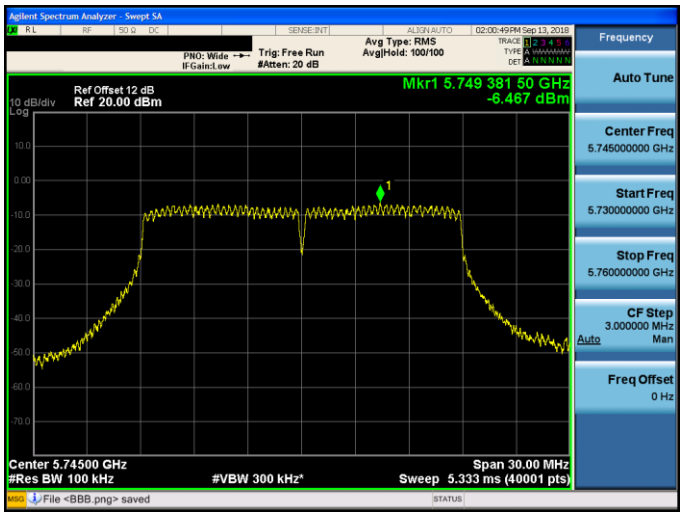
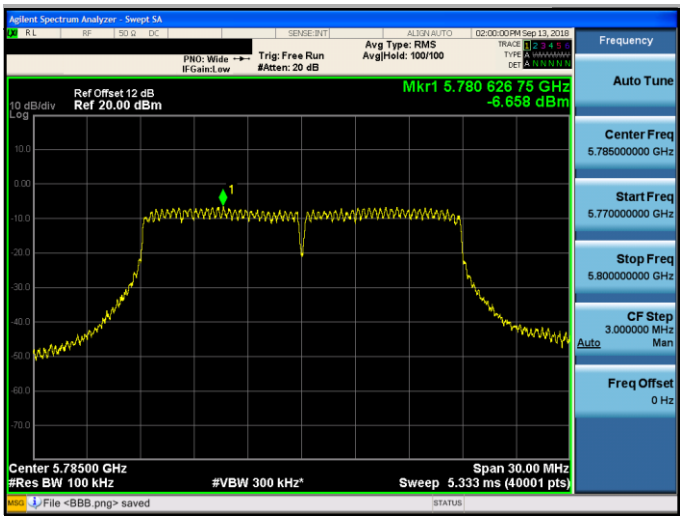
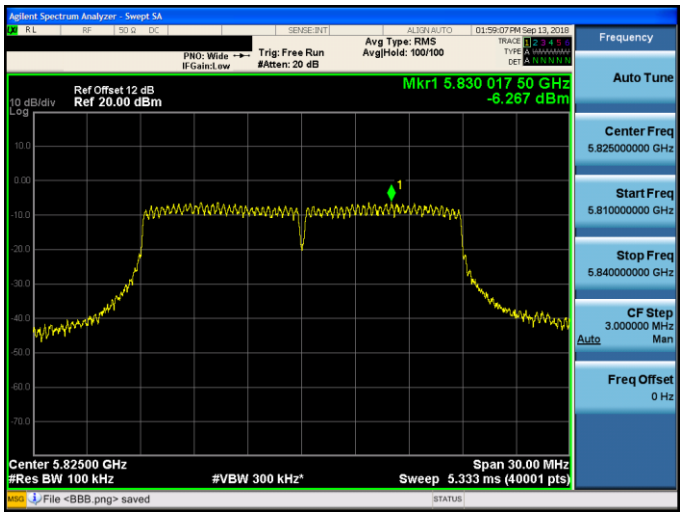
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

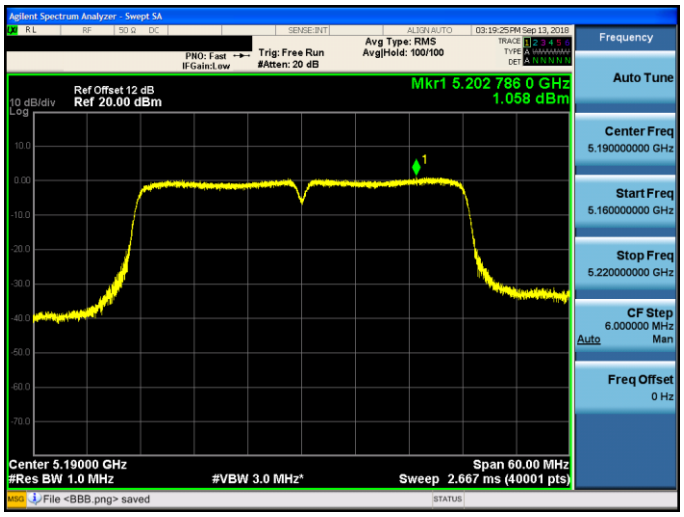
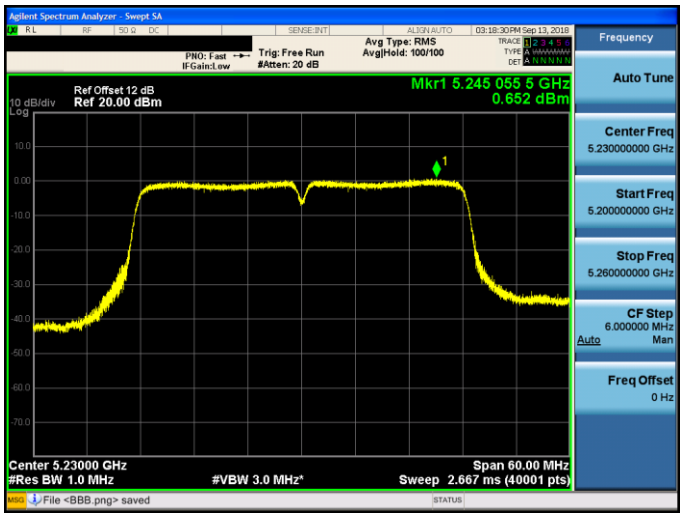
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

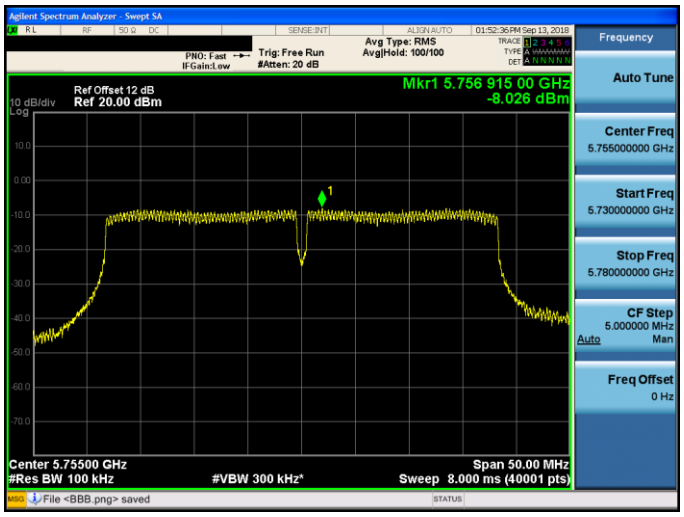
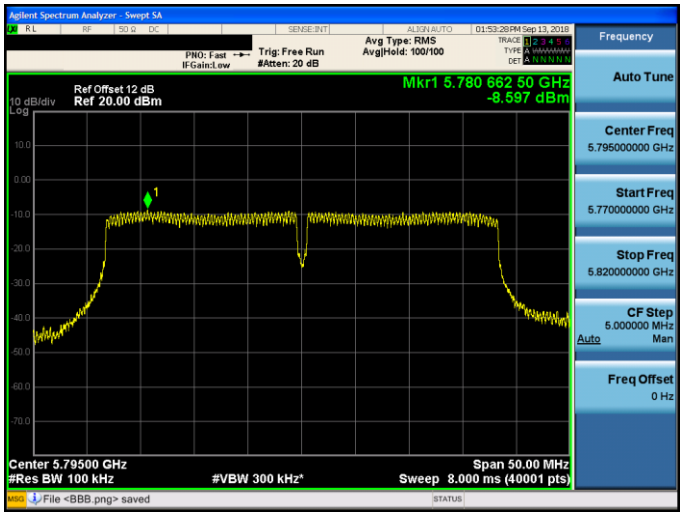
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

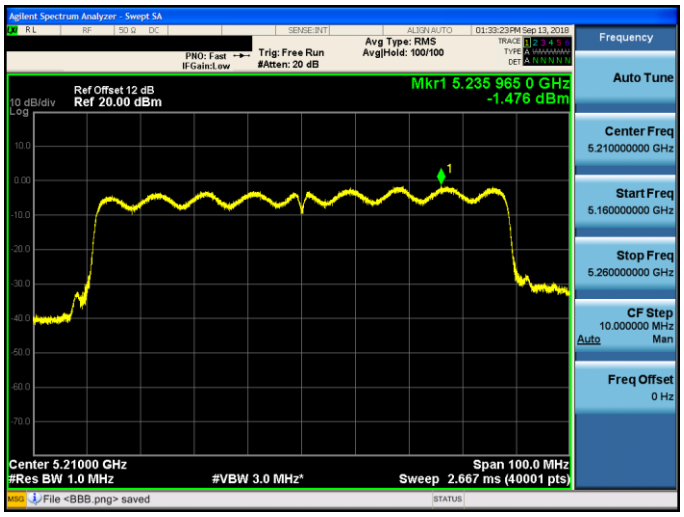
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

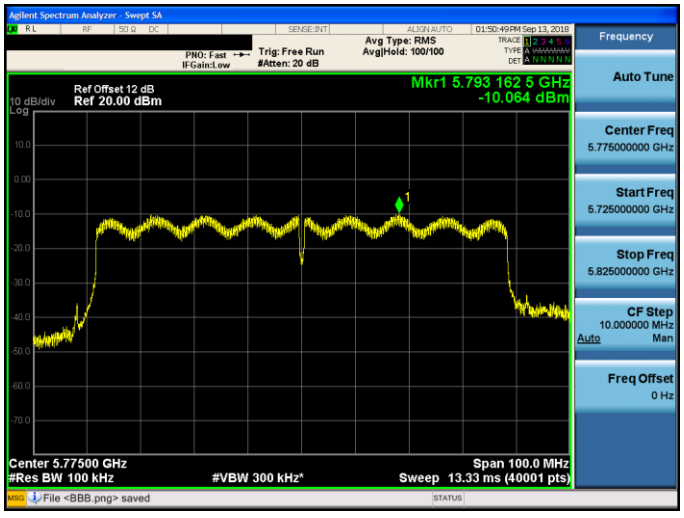
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

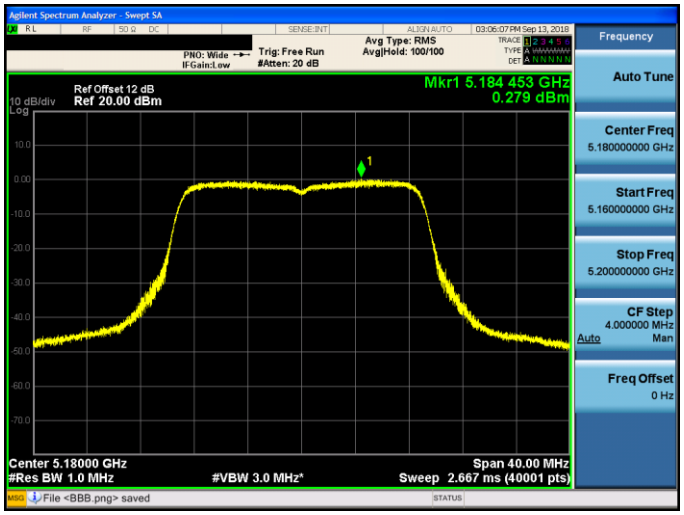
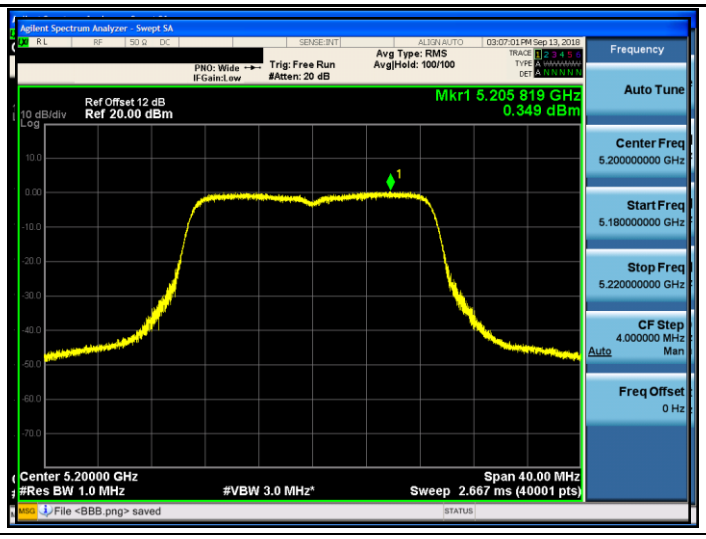
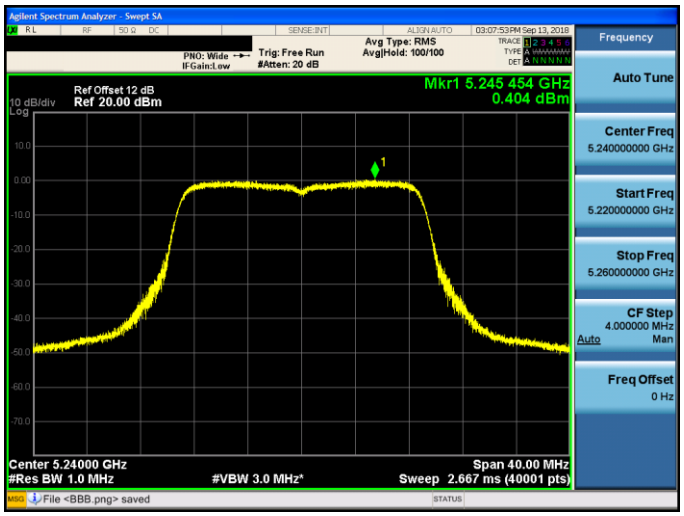
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

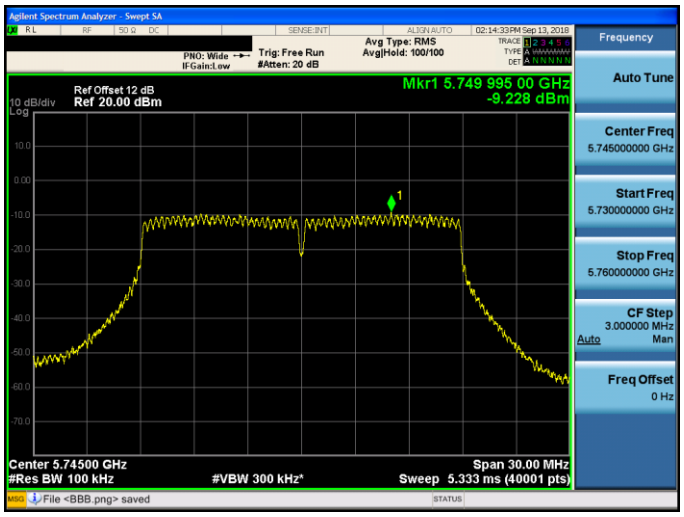
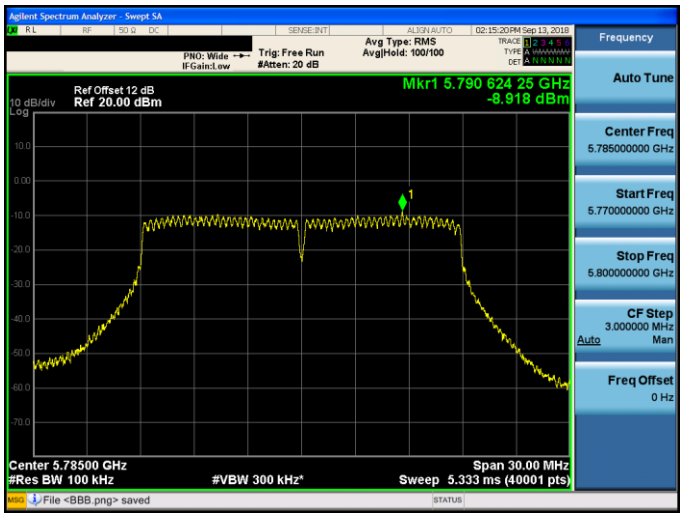
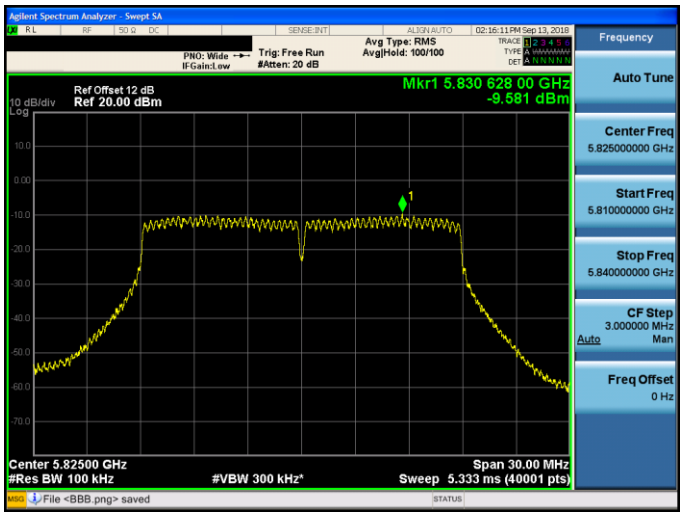
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

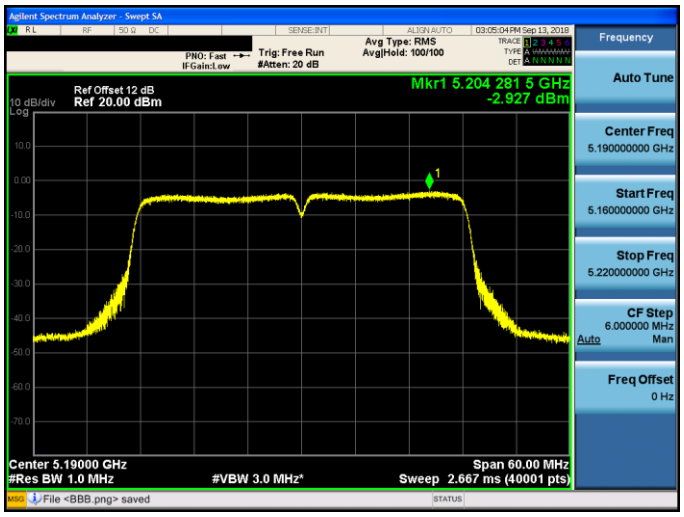
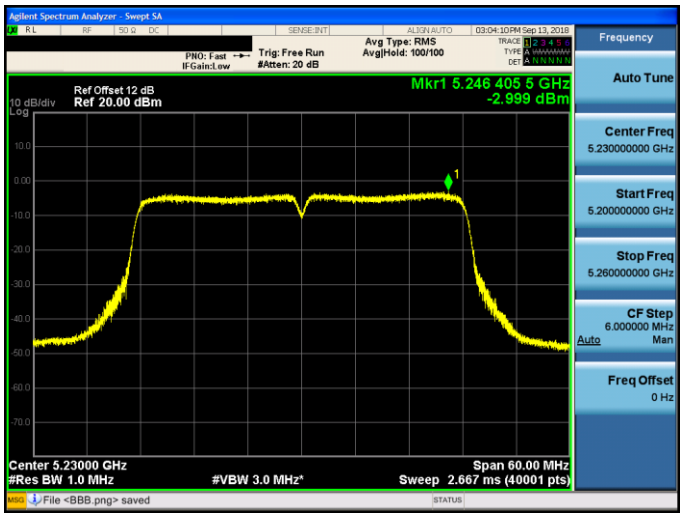
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

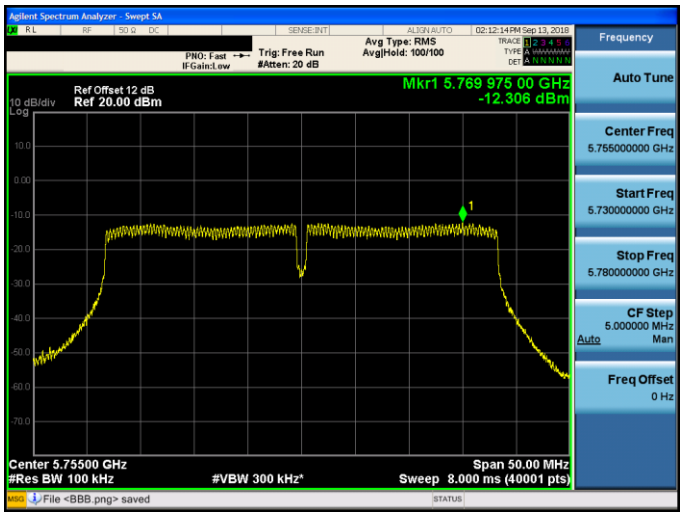
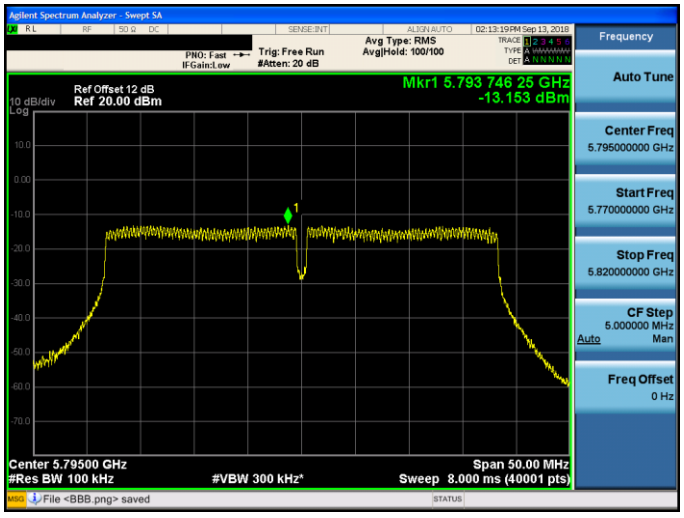
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

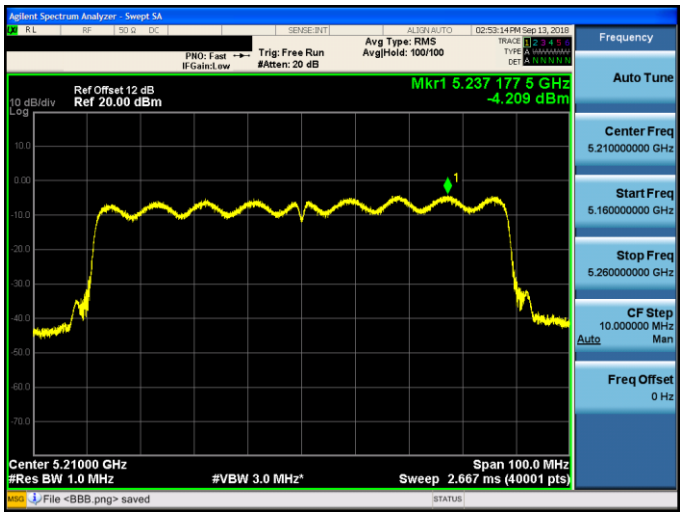
Beamforming on

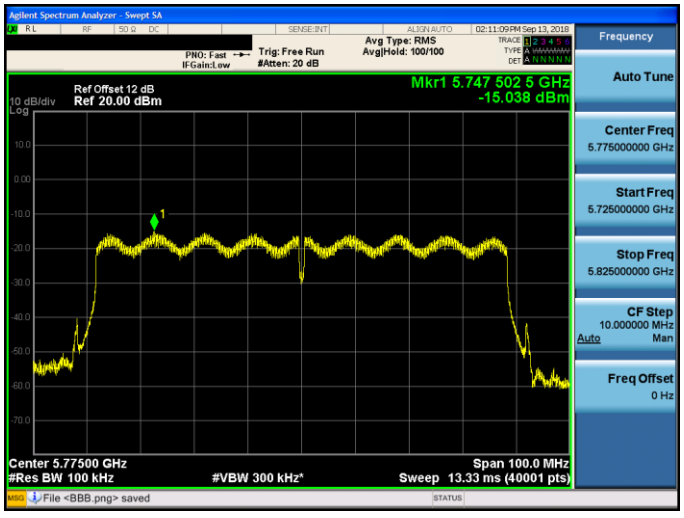
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

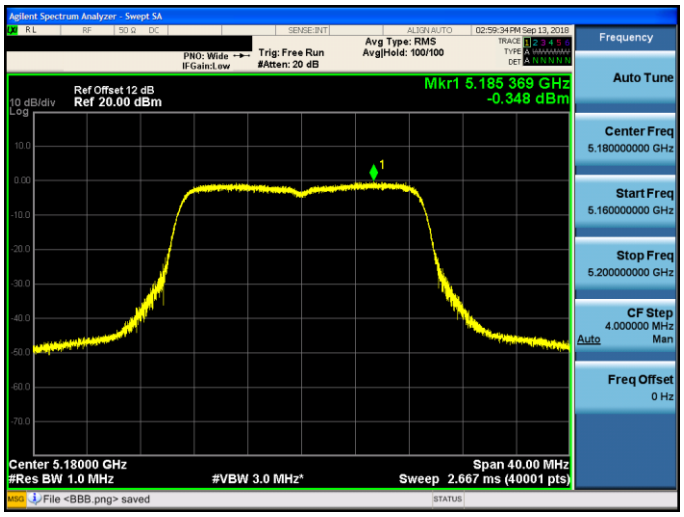
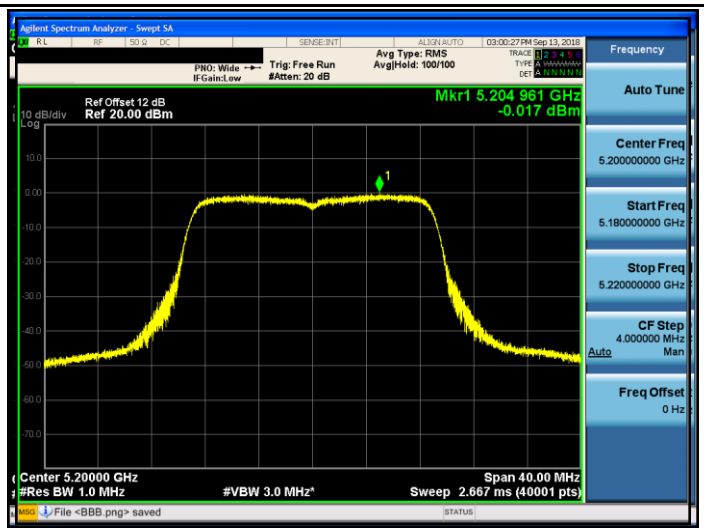
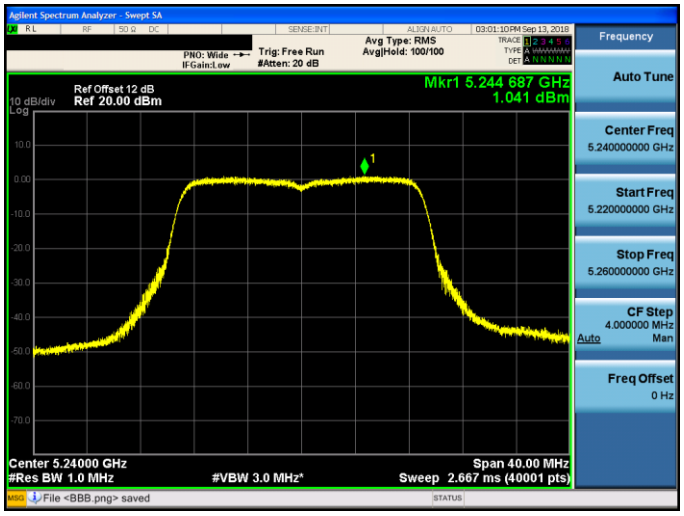
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

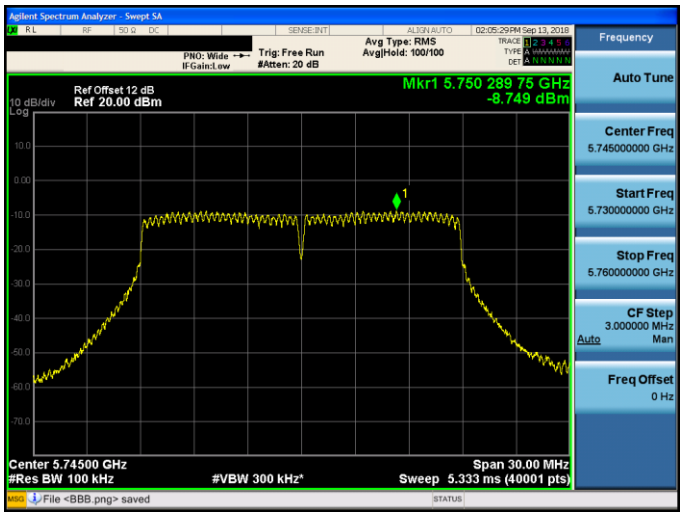
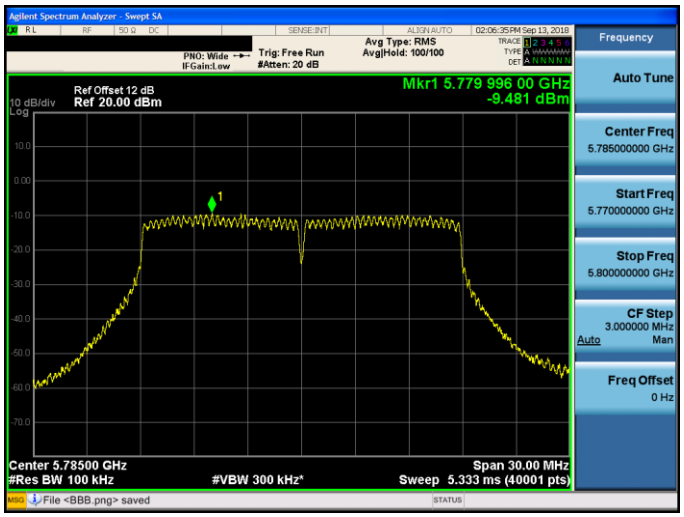
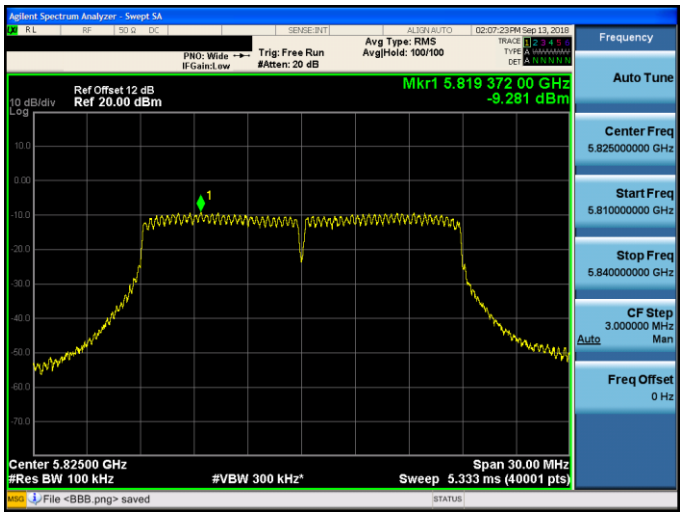
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

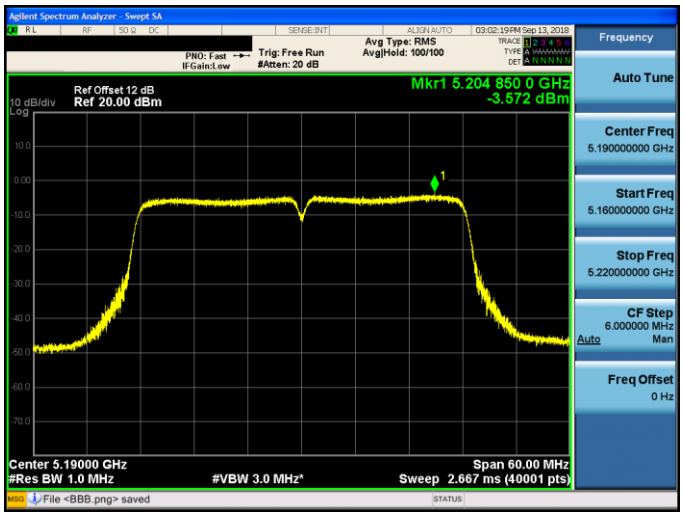
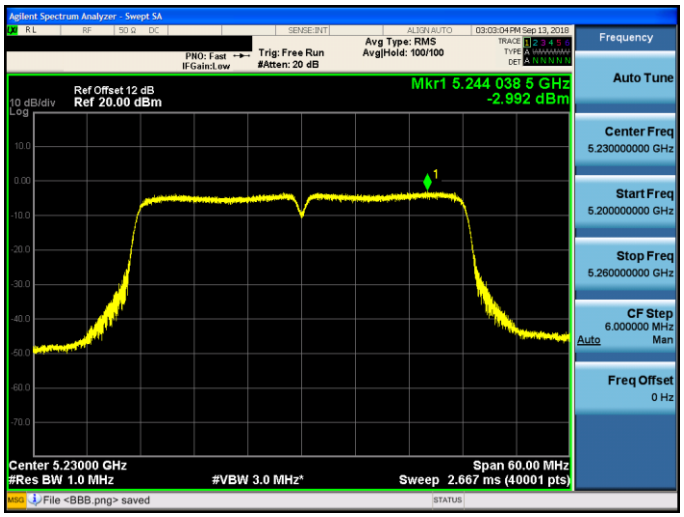
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

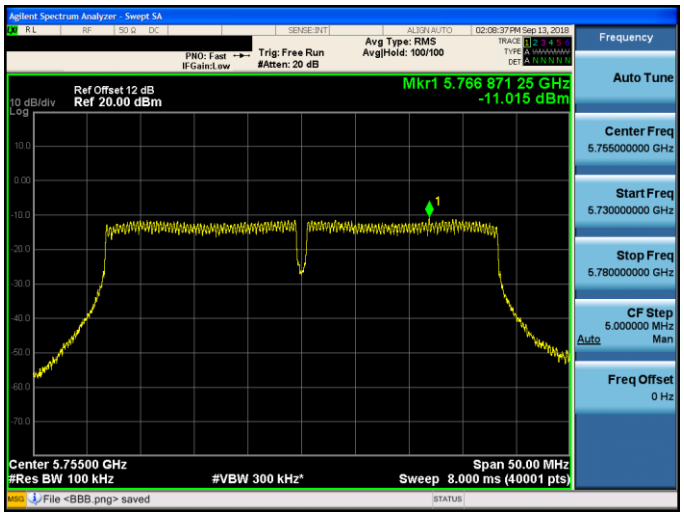
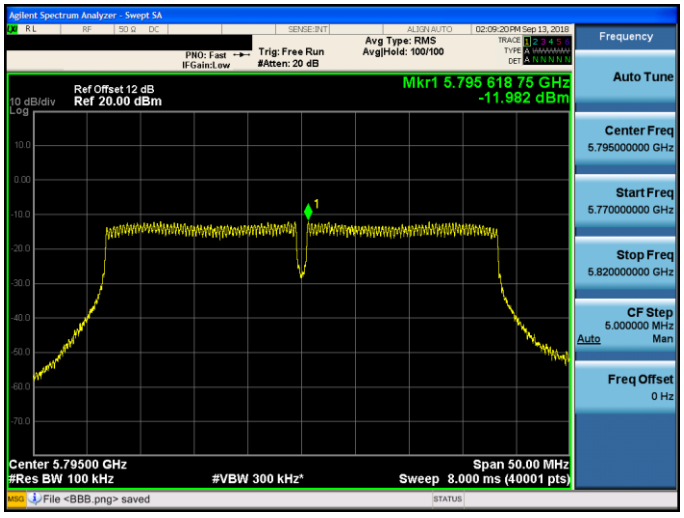
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

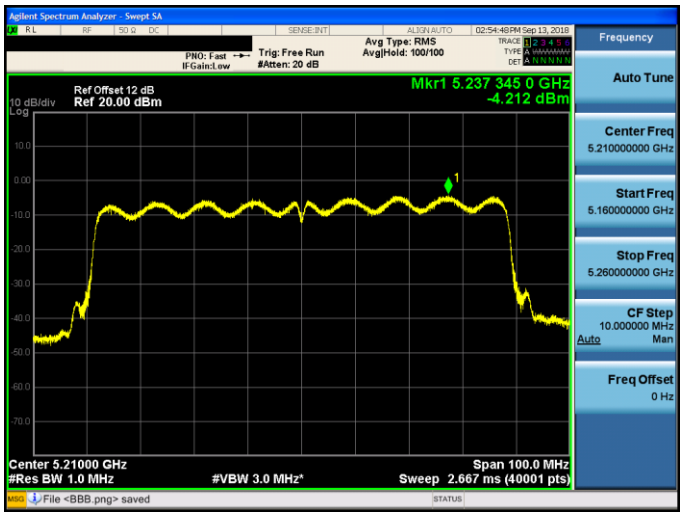
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

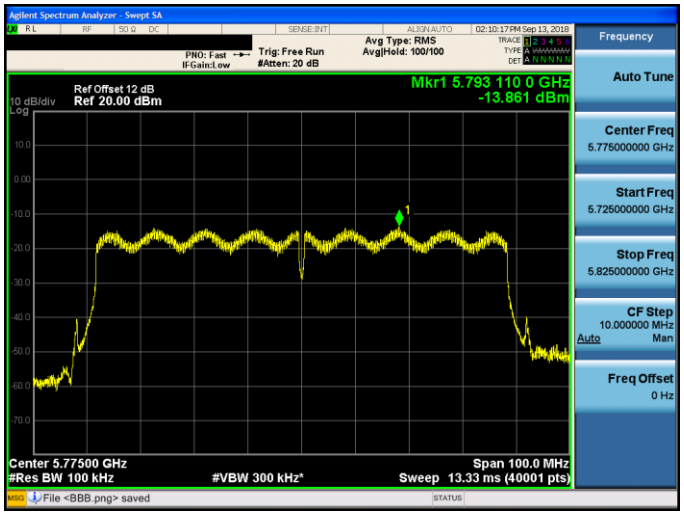
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

5.7. Frequency Stability Measurement

Temperature Variations

Frequency	Temp. (°C)	Voltage (Vdc)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	0	5	5199.9488	-51200	-9.846	Pass
	10		5199.9498	-50200	-9.654	Pass
	20		5199.9505	-49500	-9.519	Pass
	30		5199.952	-48000	-9.231	Pass
	40		5199.9532	-46800	-9.000	Pass
5785 MHz	0	5	5784.9453	-54700	-9.455	Pass
	10		5784.9448	-55200	-9.542	Pass
	20		5784.9544	-45600	-7.882	Pass
	30		5784.956	-44000	-7.606	Pass
	40		5784.9562	-43800	-7.571	Pass

Voltage Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	20	138.00	5199.9517	-48300	-9.288	Pass
		120.00	5199.9505	-49500	-9.519	Pass
		102.00	5199.9513	-48700	-9.365	Pass
5785 MHz	20	138.00	5784.9549	-45100	-7.796	Pass
		120.00	5784.9544	-45600	-7.882	Pass
		102.00	5784.9552	-44800	-7.744	Pass

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

Beamforming on

Temperature Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	0	120	5199.9488	-51200	-9.846	Pass
	10		5199.9498	-50200	-9.654	Pass
	20		5199.9505	-49500	-9.519	Pass
	30		5199.952	-48000	-9.231	Pass
	40		5199.9532	-46800	-9.000	Pass
5785 MHz	0	120	5784.9453	-54700	-9.455	Pass
	10		5784.9448	-55200	-9.542	Pass
	20		5784.9544	-45600	-7.882	Pass
	30		5784.956	-44000	-7.606	Pass
	40		5784.9562	-43800	-7.571	Pass

Voltage Variations

Frequency	Temp. (°C)	Voltage (Vac)	Measured Freq. (MHz)	Delta Freq. (Hz)	Tolerance (ppm)	Result (Pass/Fail)
5200 MHz	20	138.00	5199.9517	-48300	-9.288	Pass
		120.00	5199.9505	-49500	-9.519	Pass
		102.00	5199.9513	-48700	-9.365	Pass
5785 MHz	20	138.00	5784.9549	-45100	-7.796	Pass
		120.00	5784.9544	-45600	-7.882	Pass
		102.00	5784.9552	-44800	-7.744	Pass

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