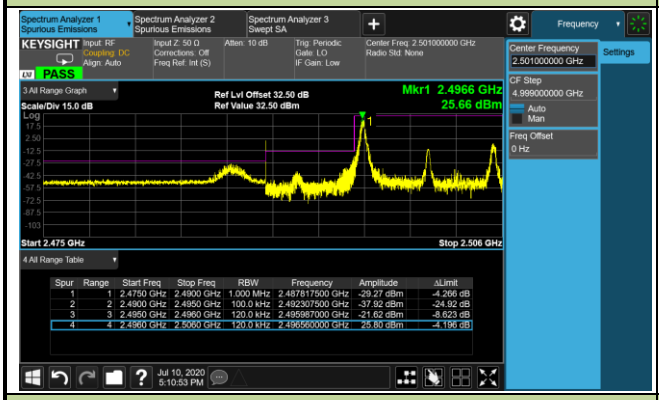
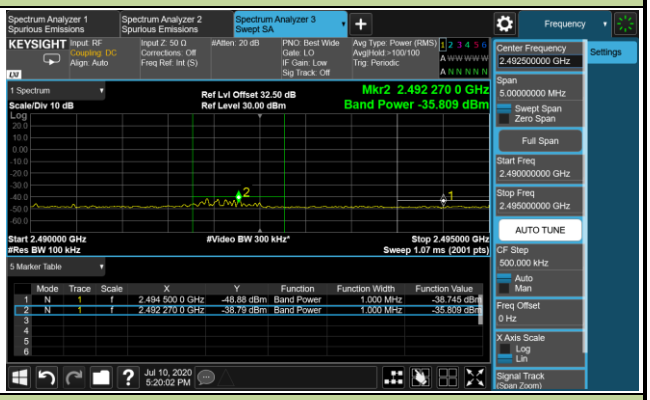
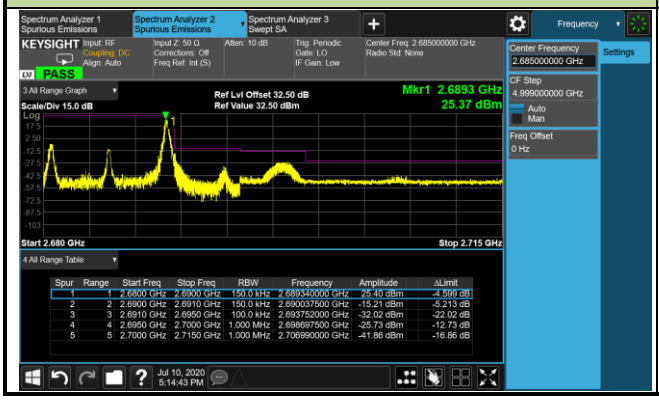
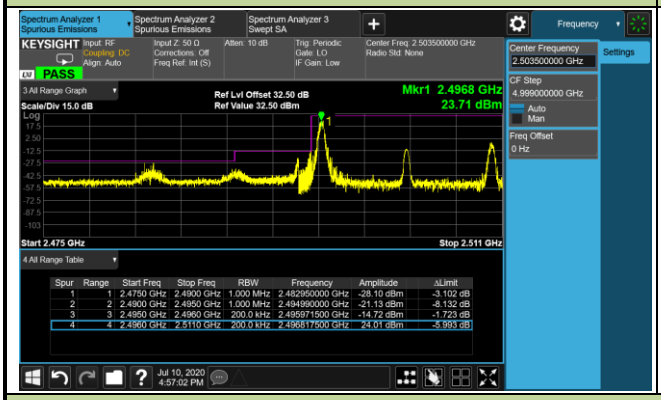
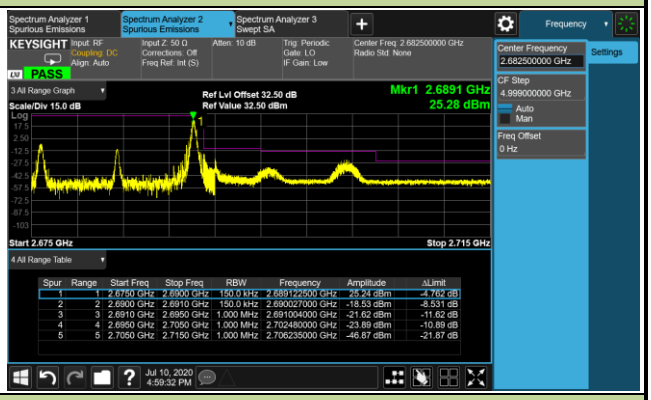
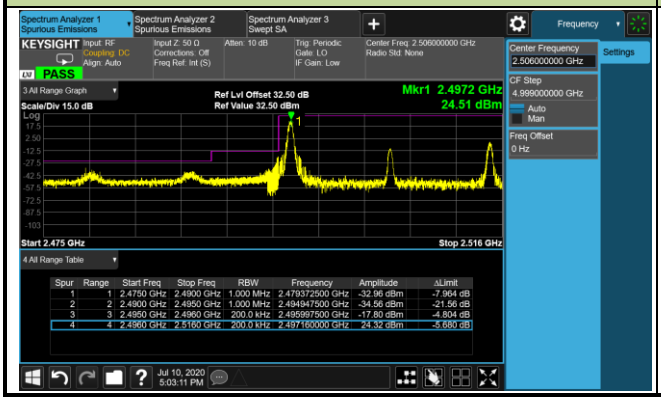
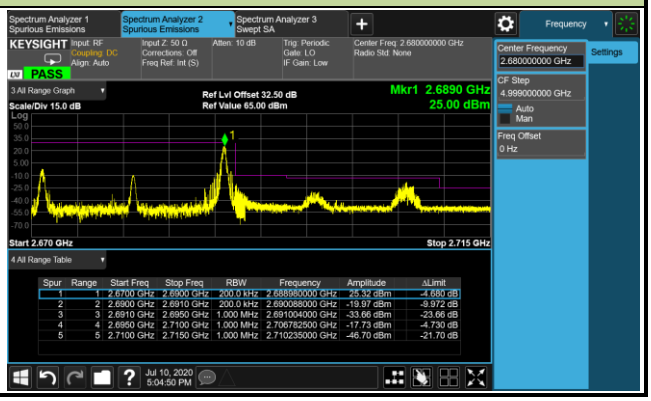
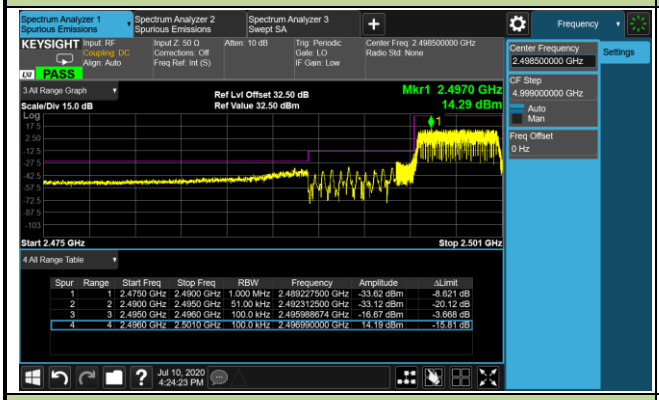
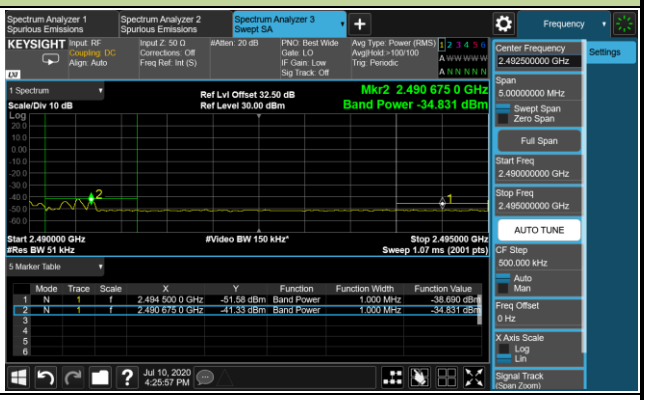
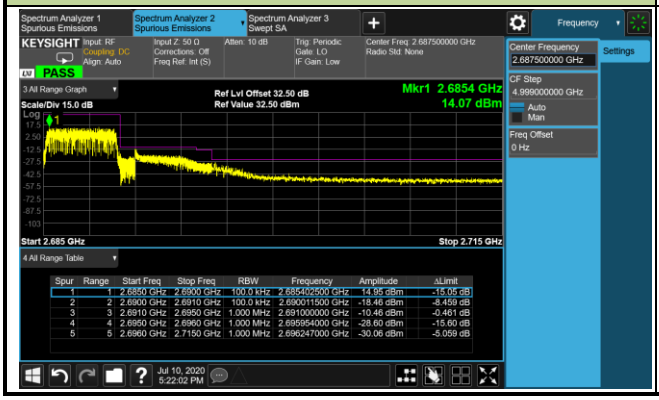
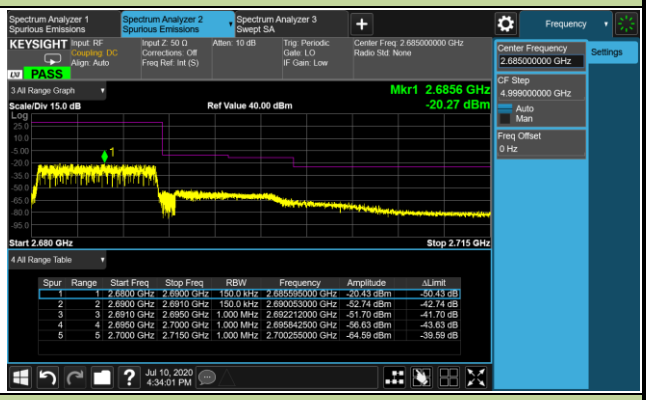
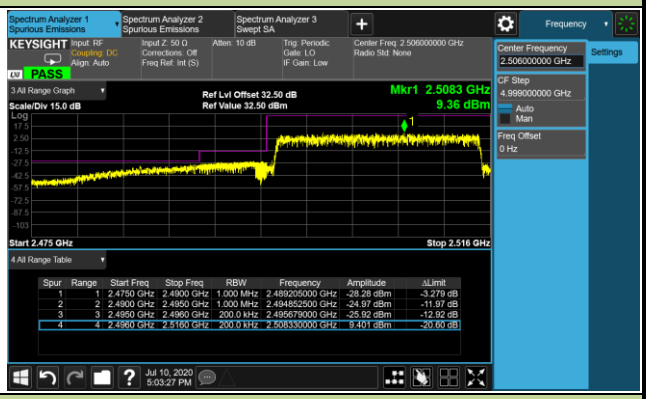
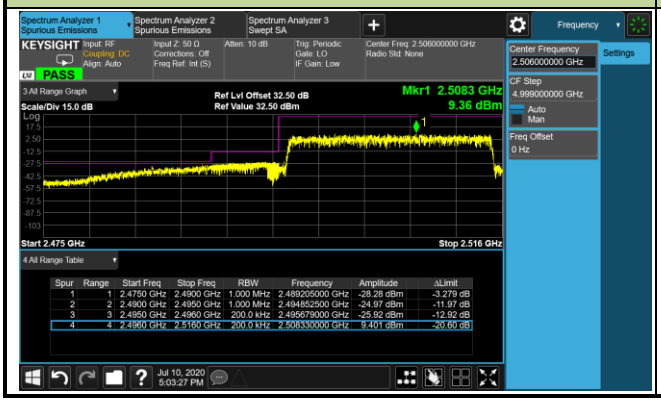
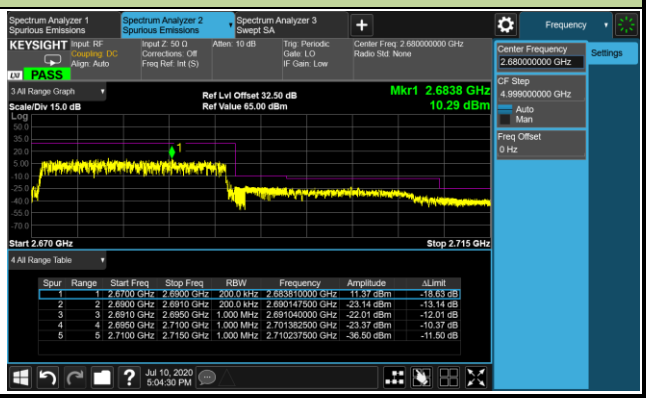
10MHz Channel Bandwidth - 1RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

15MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	
20MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	

5MHz Channel Bandwidth - FULL RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	
	

10MHz Channel Bandwidth - FULL RB	
Lower Band Edge	Upper Band Edge
	
15MHz Channel Bandwidth - FULL RB	
Lower Band Edge	Upper Band Edge
	
20MHz Channel Bandwidth - FULL RB	
Lower Band Edge	Upper Band Edge
	

5.4. Spurious and Harmonic Emissions at Antenna Terminal

5.4.1. Test Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
For Band 7, 38, 41 the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB.

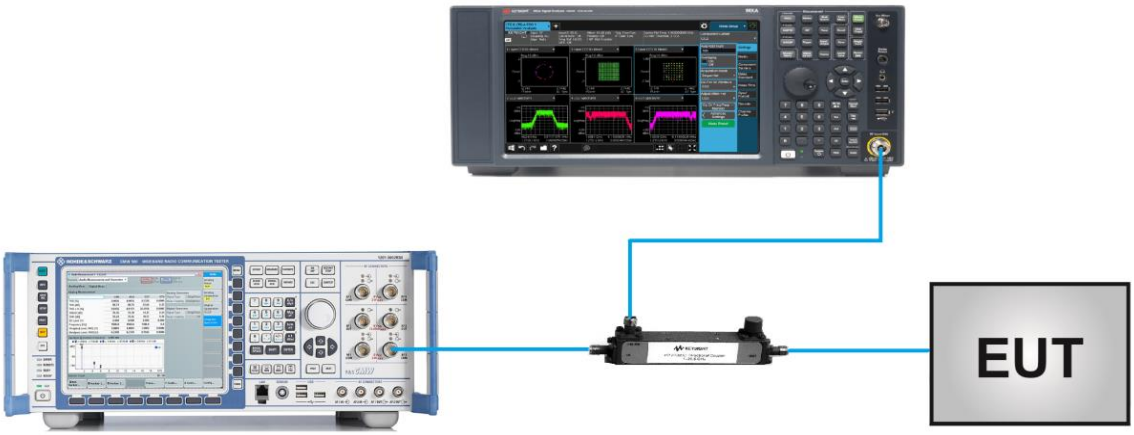
5.4.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.7

5.4.3. Test Setting

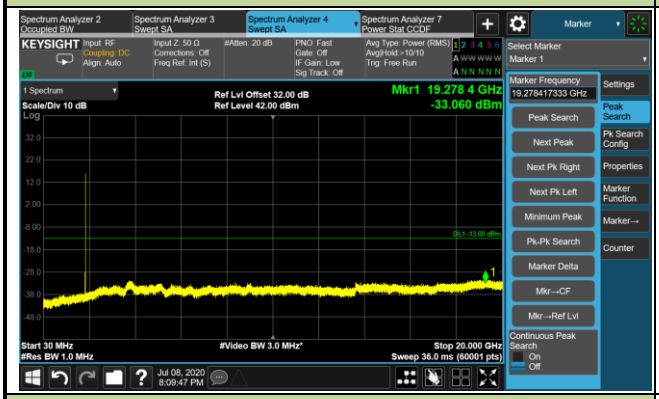
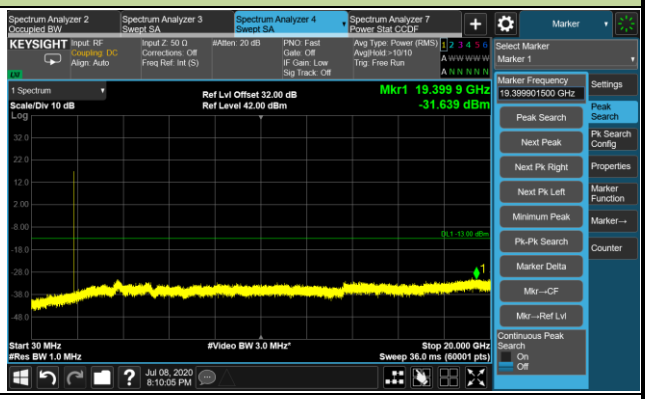
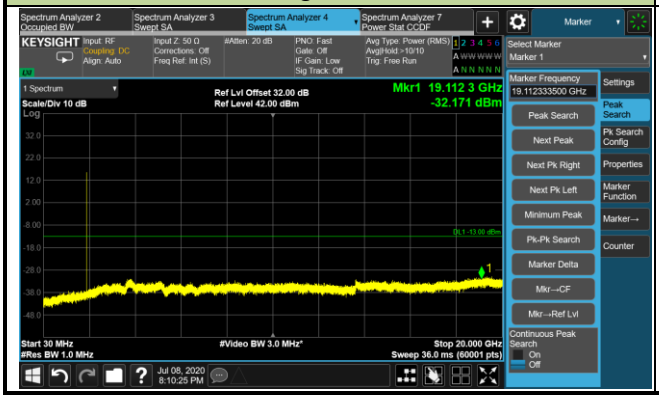
1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW ≥ 3*RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to “free run.”
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power.
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

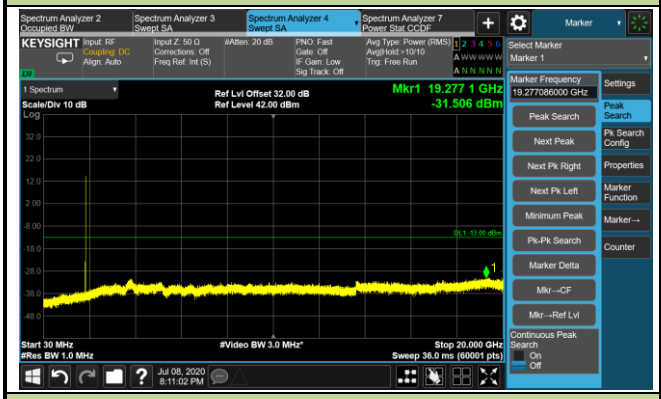
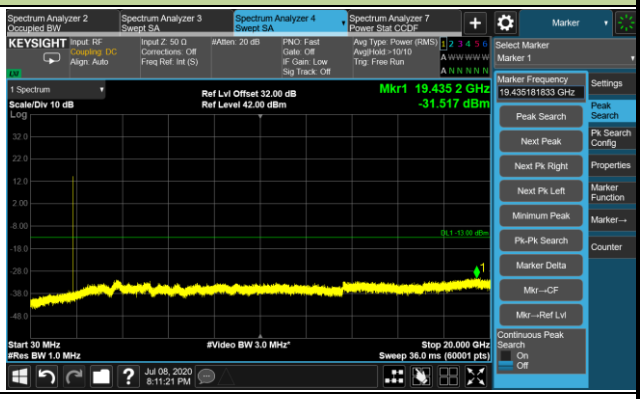
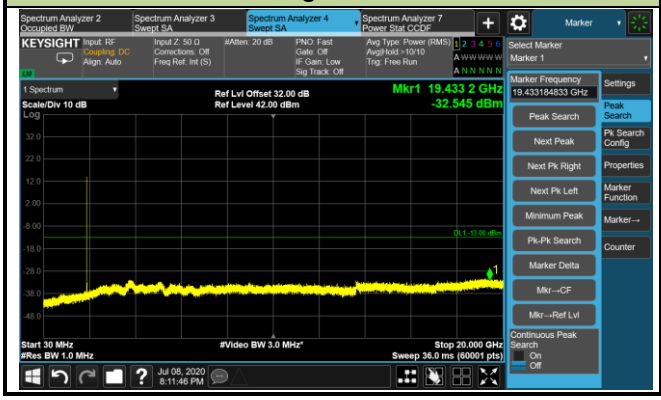
5.4.4. Test Setup

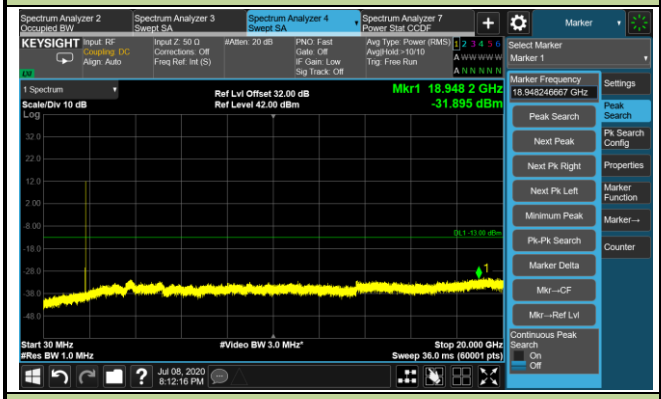
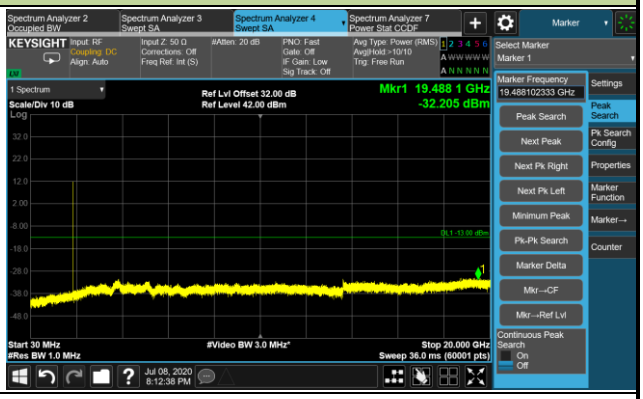


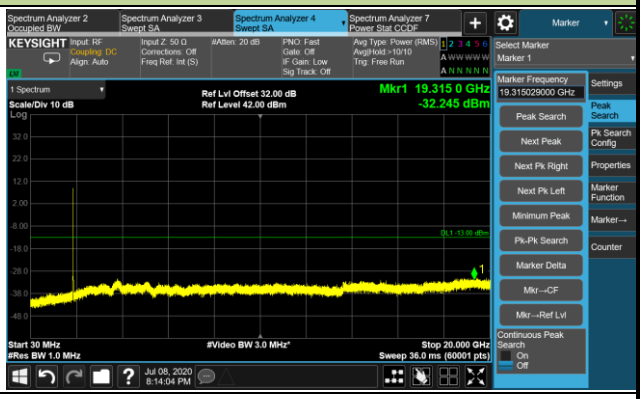
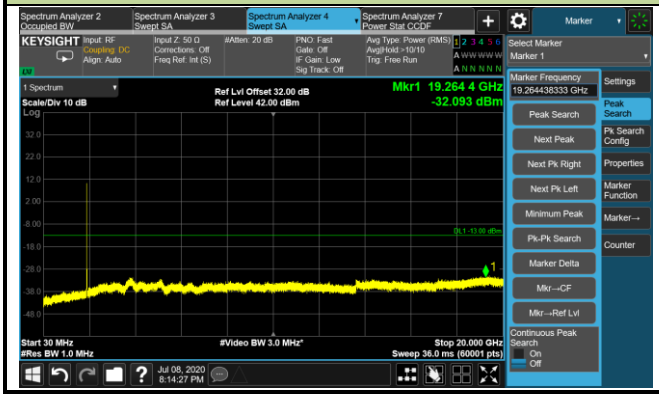
5.4.5. Test Result

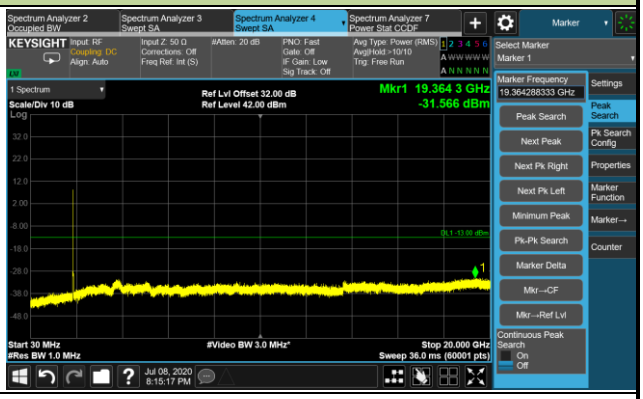
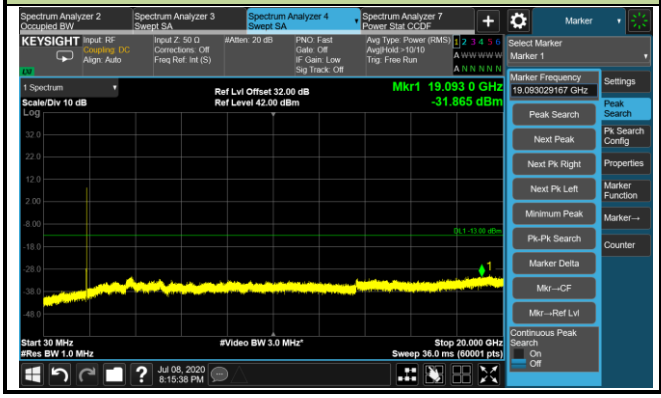
Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 2		
Test Result	Pass		

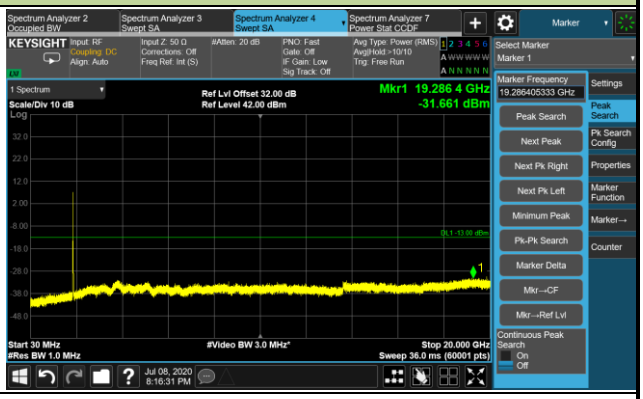
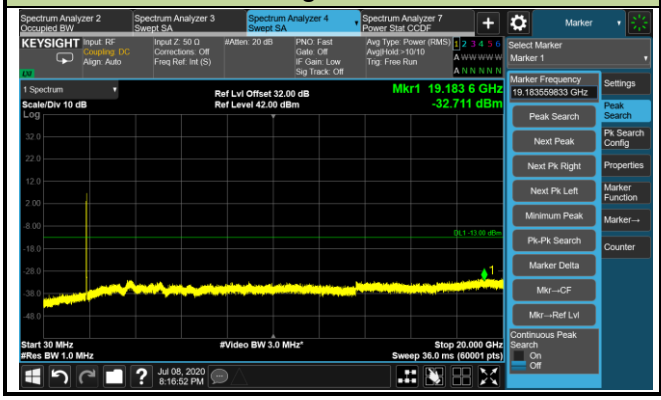
1.4MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

3MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

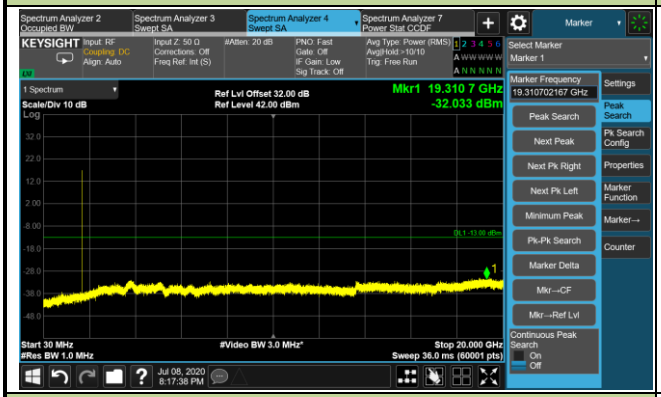
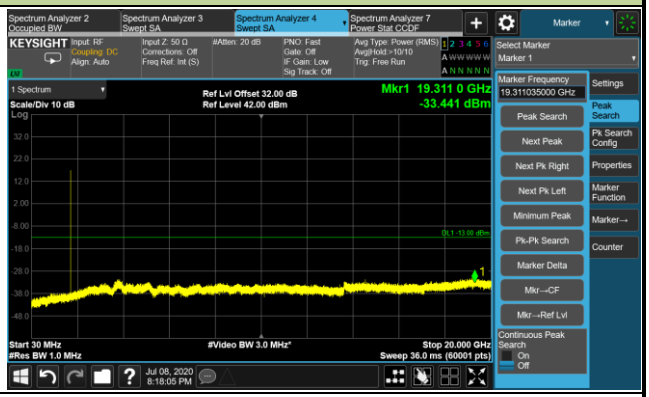
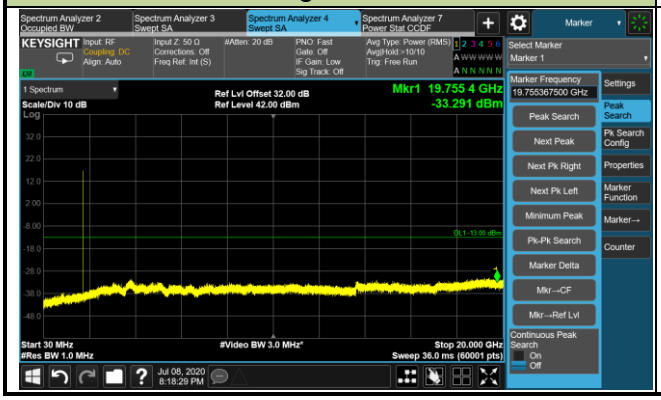
5MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

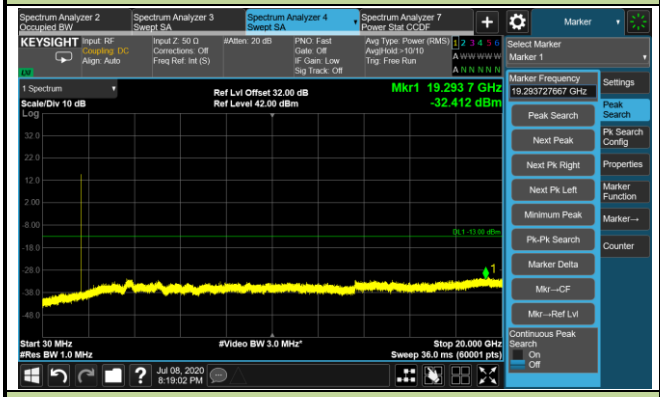
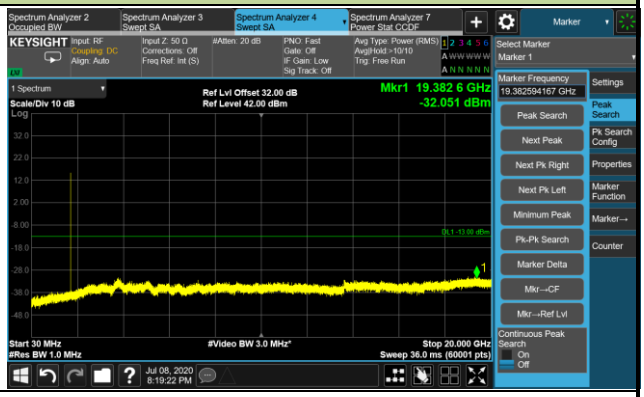
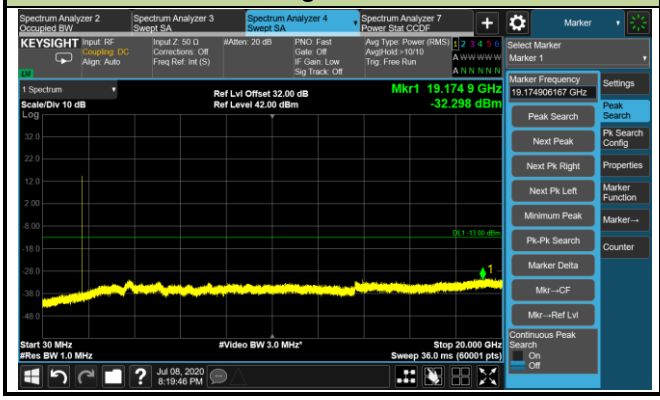
10MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

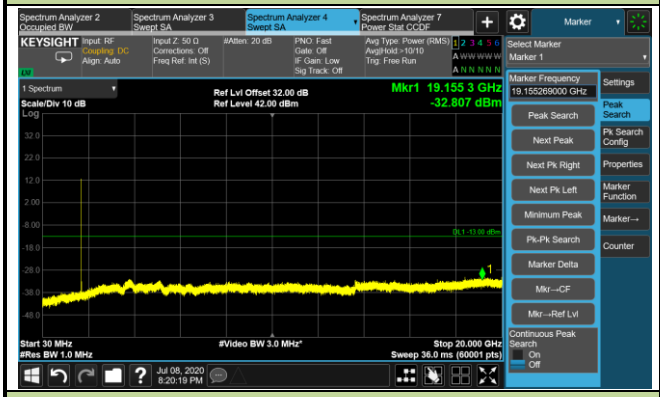
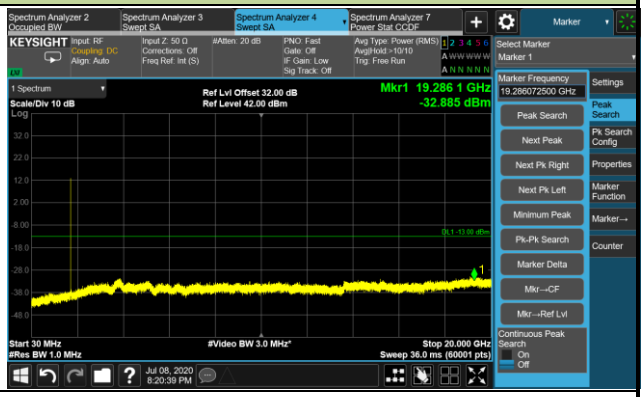
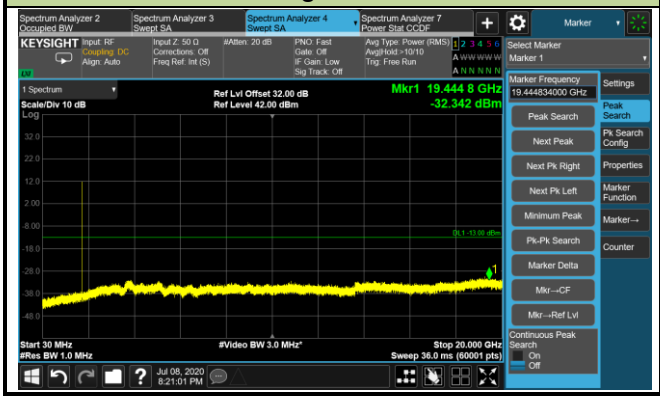
15MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

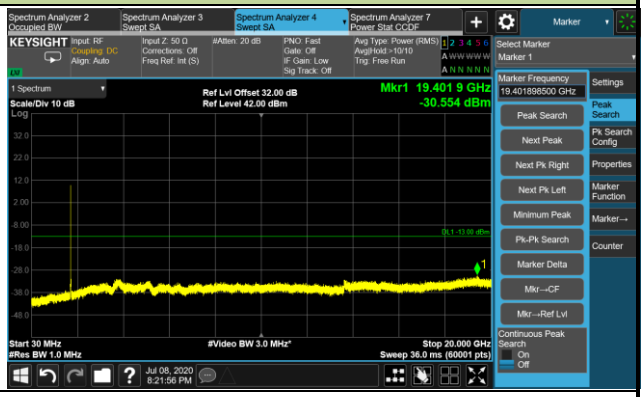
20MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

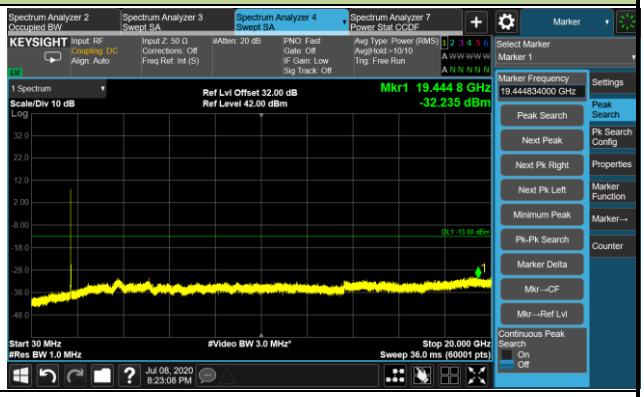
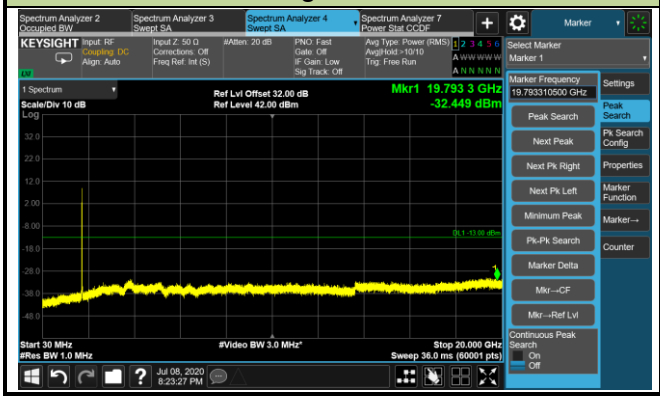
Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/8
Test Band	Band 4		
Test Result	Pass		

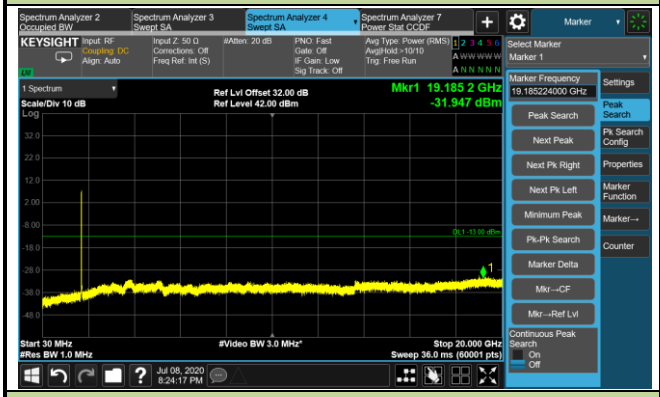
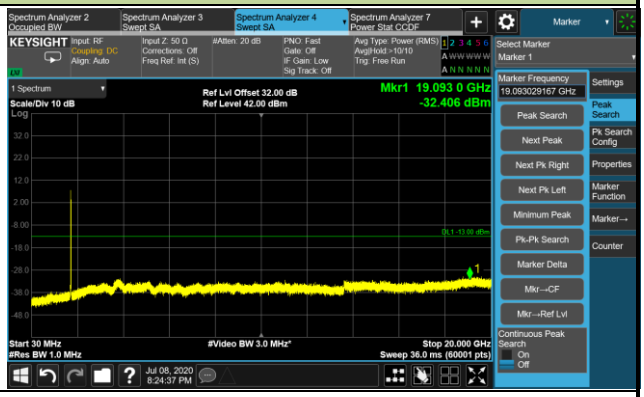
1.4MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

3MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

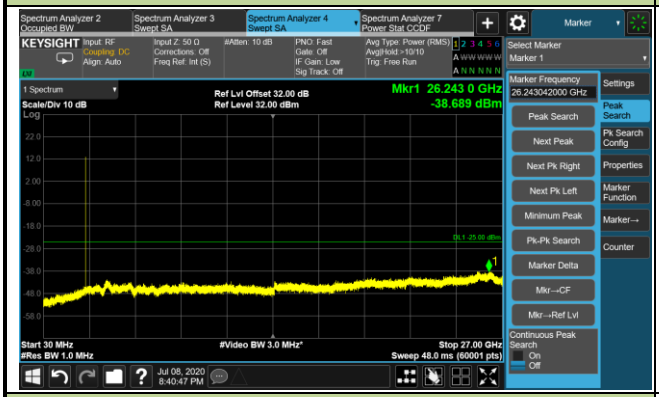
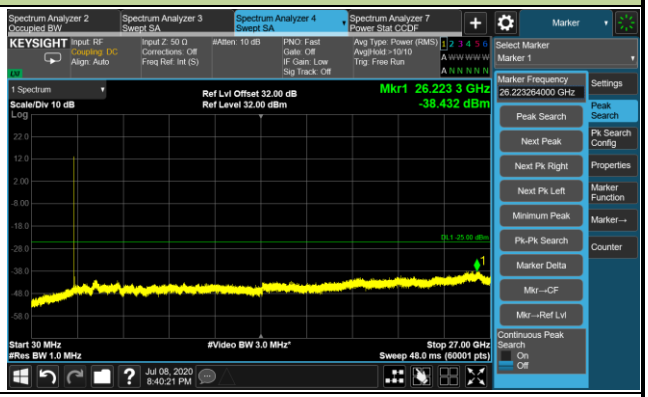
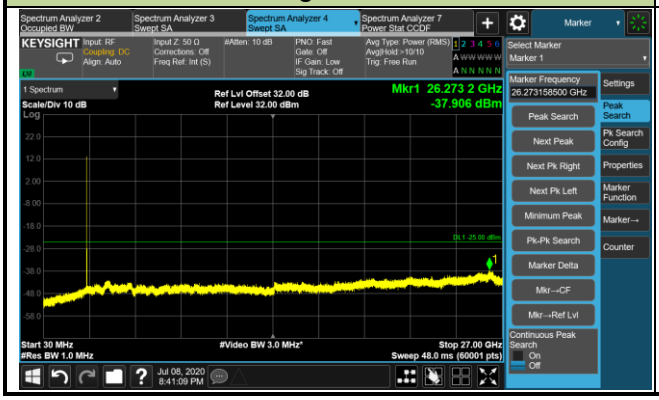
5MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

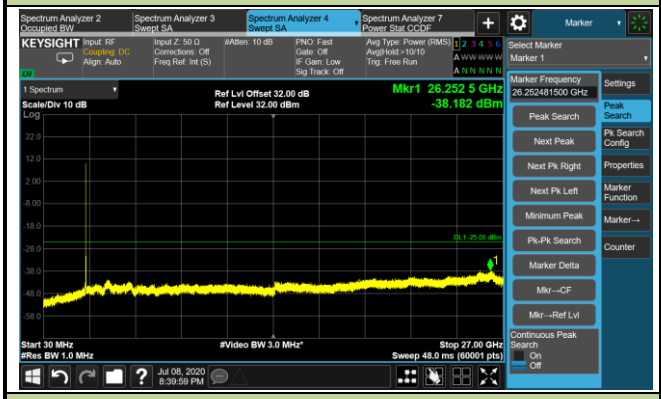
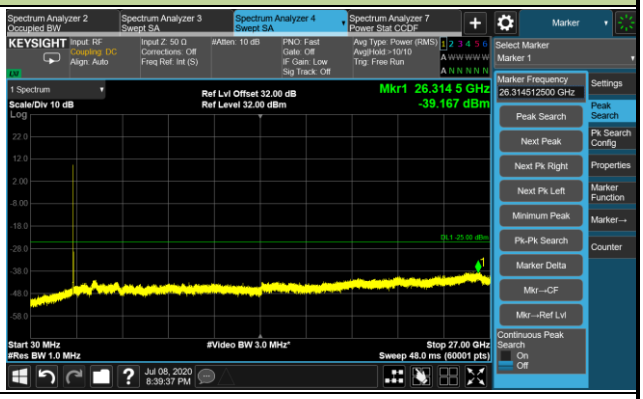
10MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

15MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

20MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 7		
Test Result	Pass		

5MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.	
	

10MHz Channel Bandwidth	
Low CH.	Mid CH.
	
High CH.