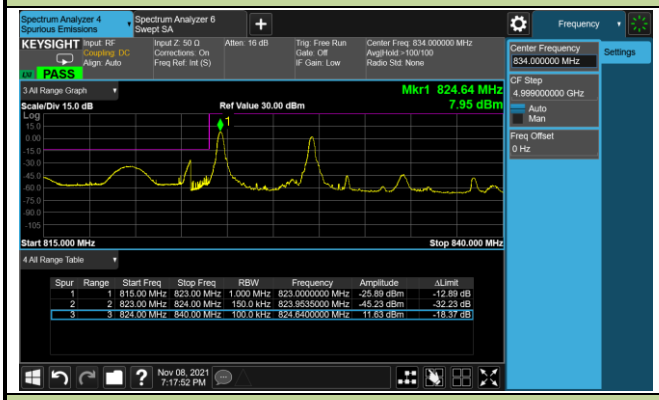
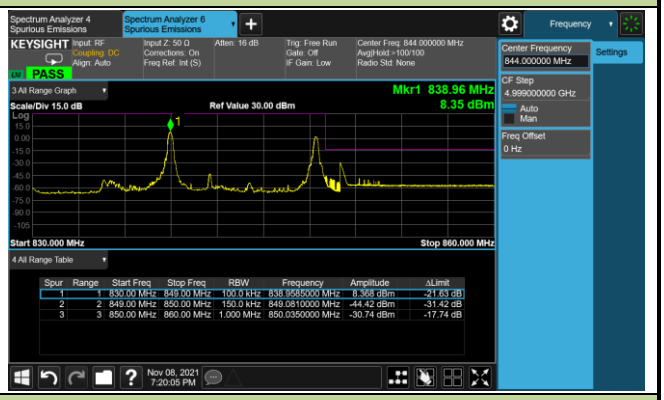
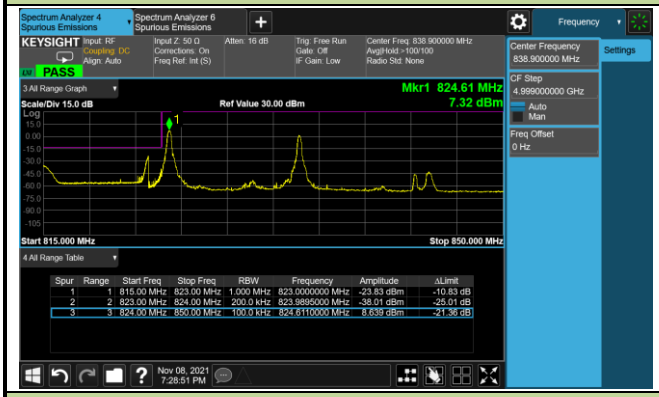
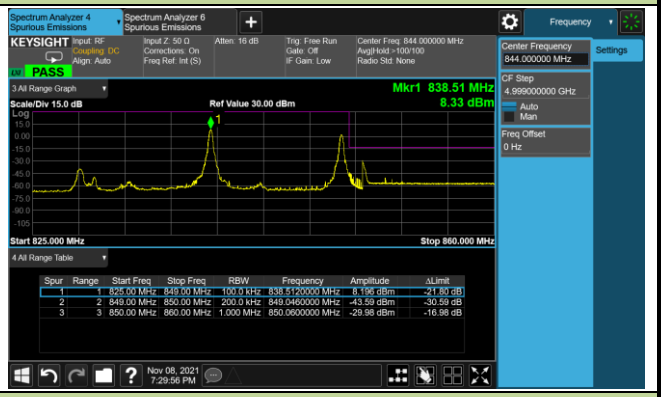
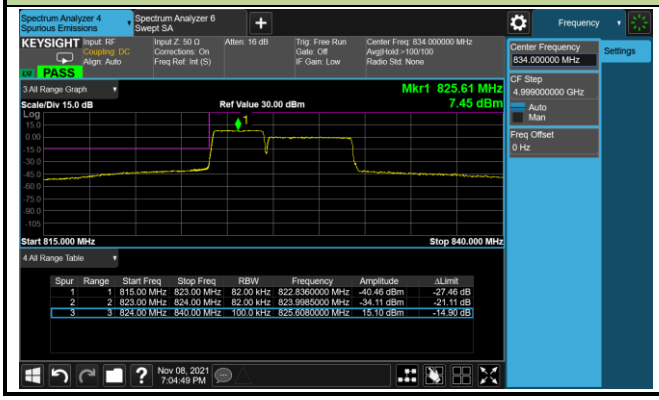
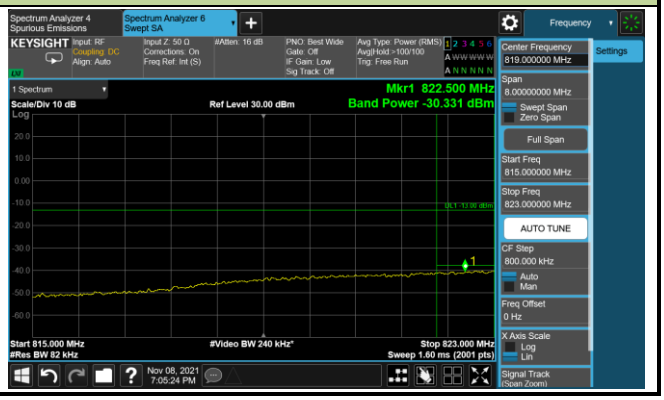
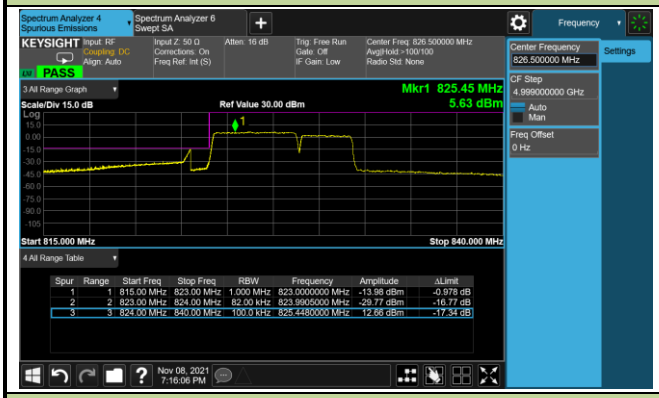
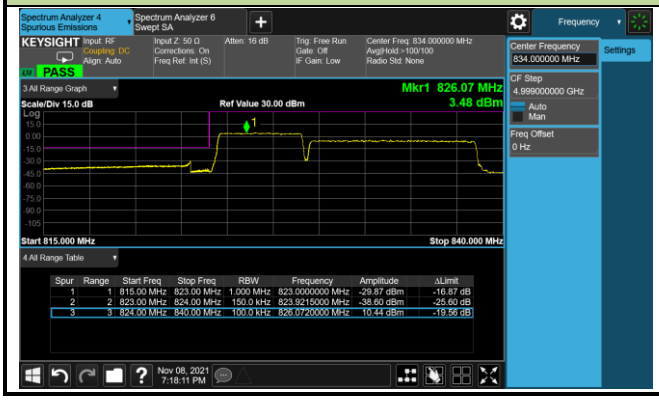
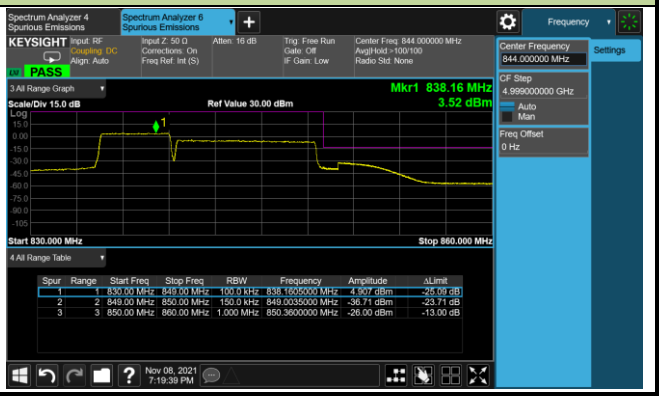
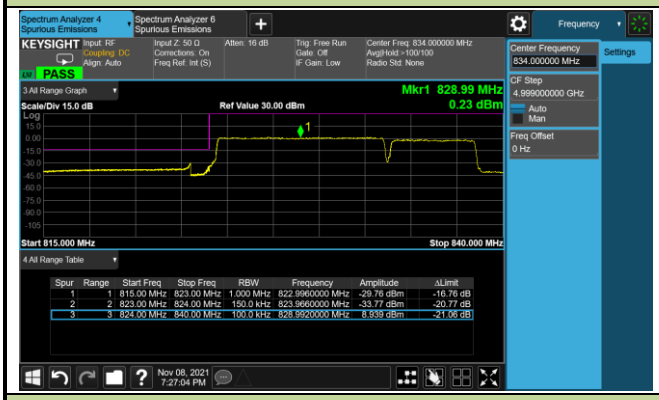
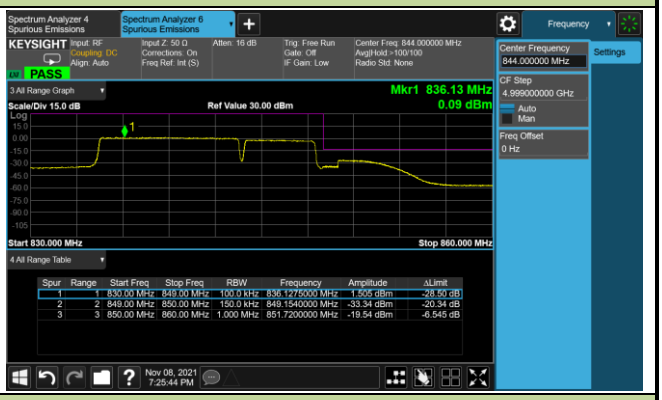
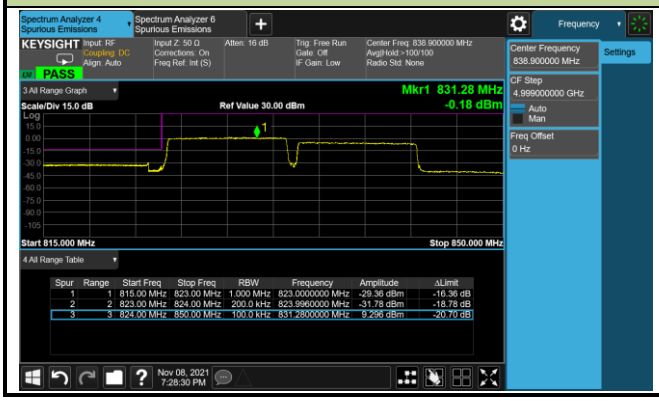
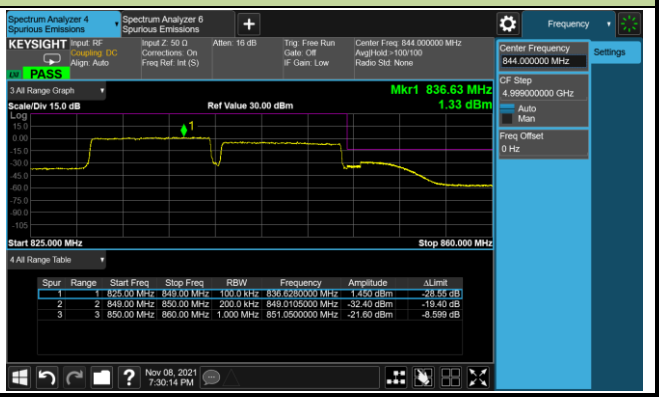
5+10MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Lower Band Edge RB = 24 & 49
	
10+10MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Lower Band Edge RB = 49 & 49
	
3+5MHz Channel Bandwidth Full RB	
Lower Band Edge	Lower Extended Band Edge
	

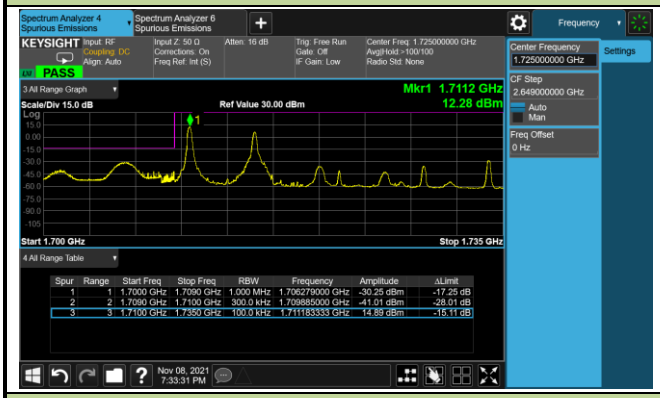
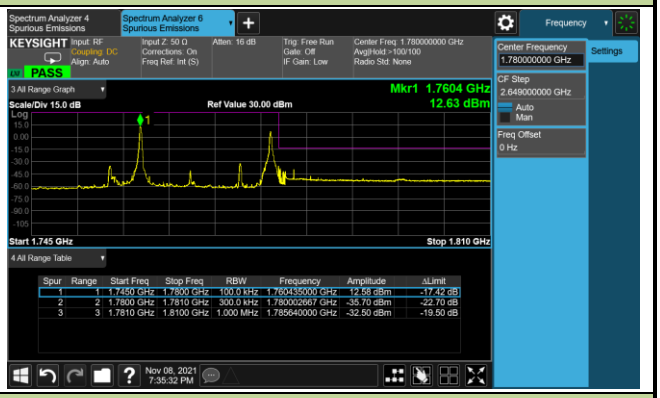
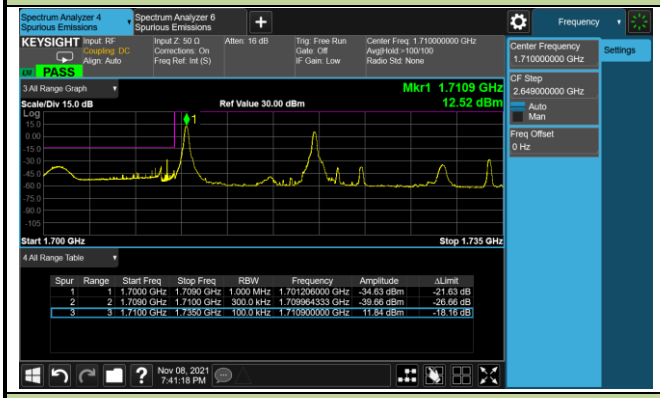
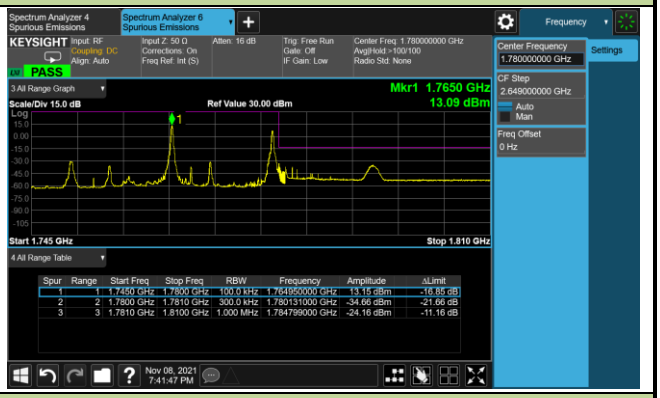
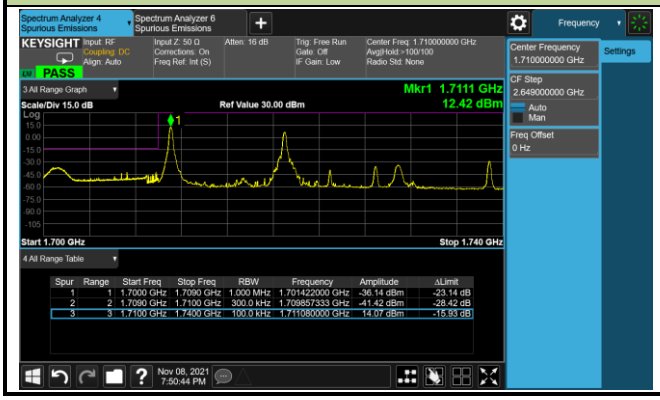
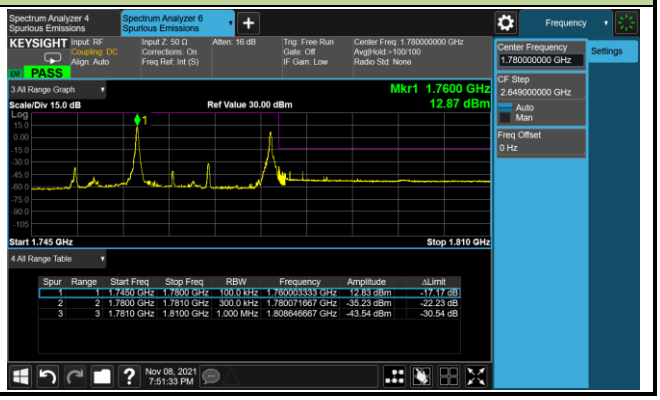
Upper Band Edge	
	

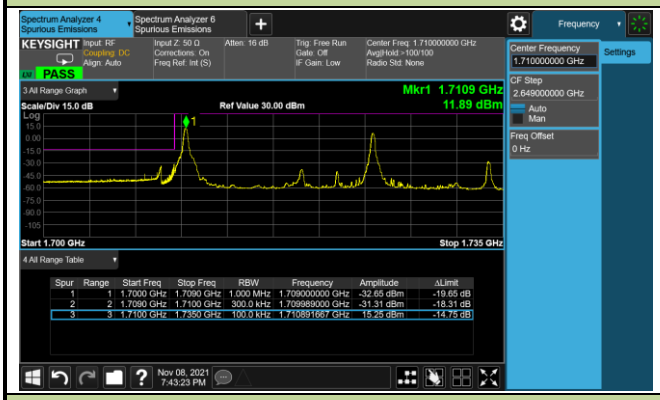
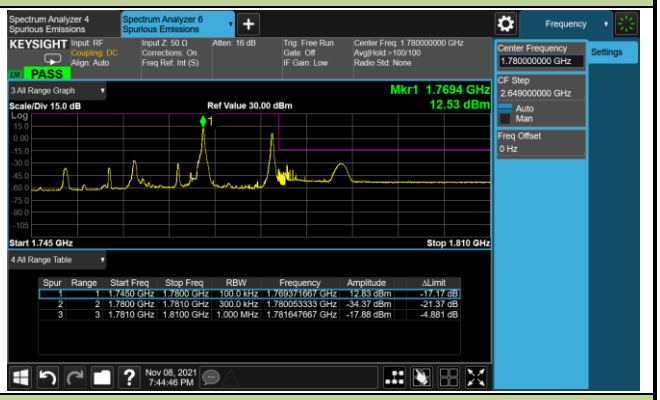
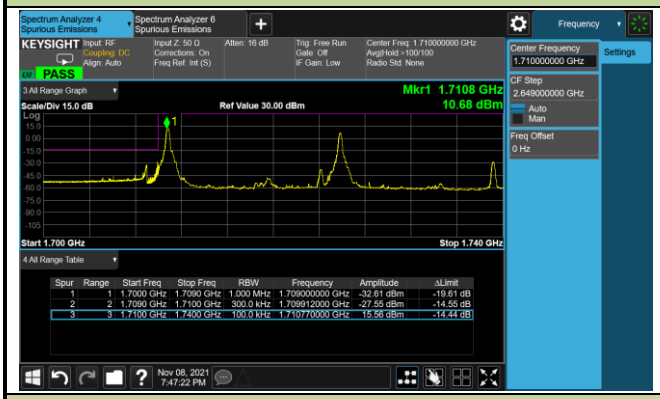
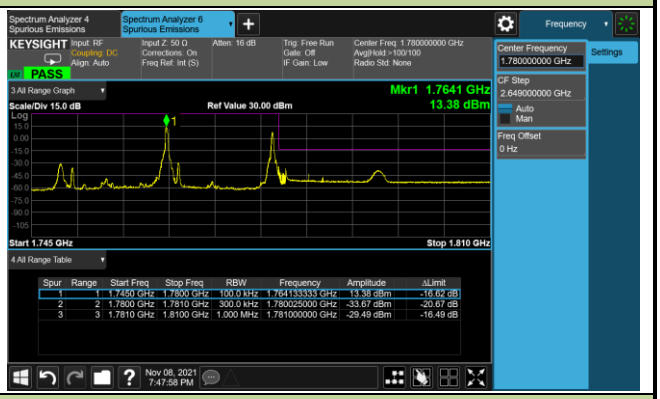
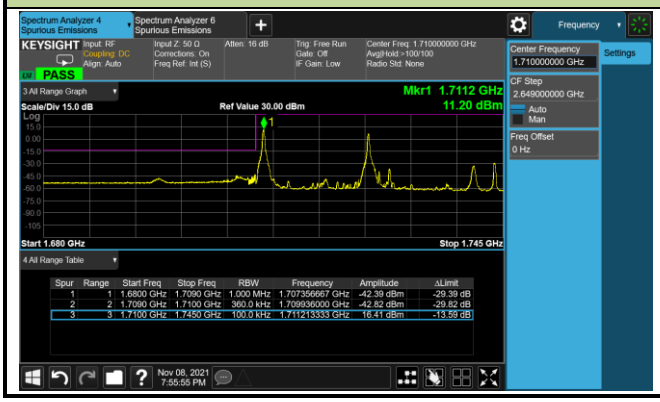
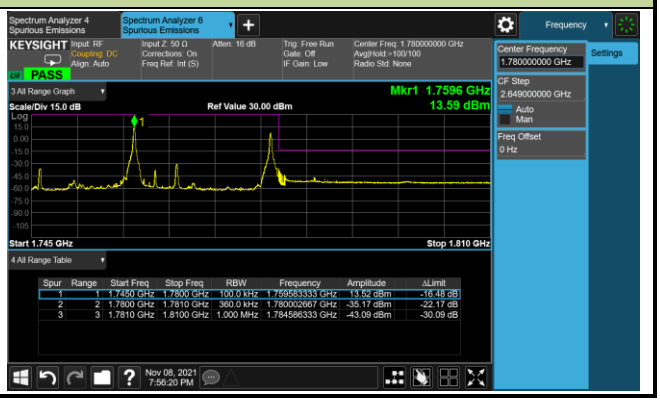
5+3MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

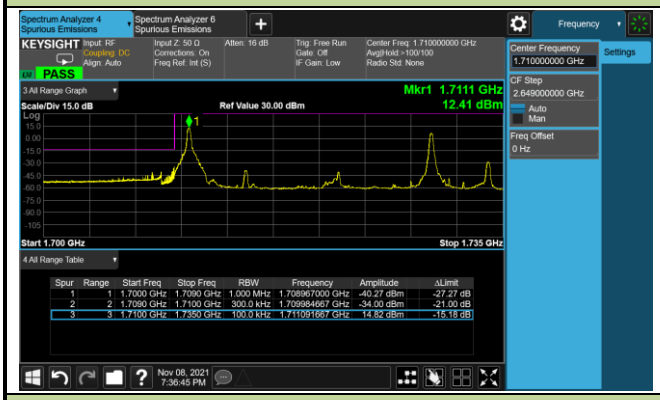
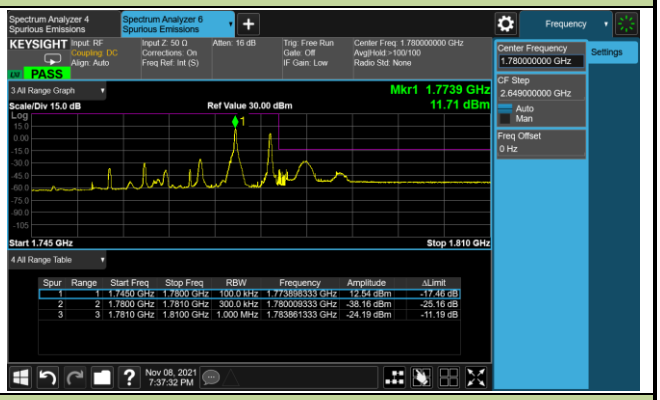
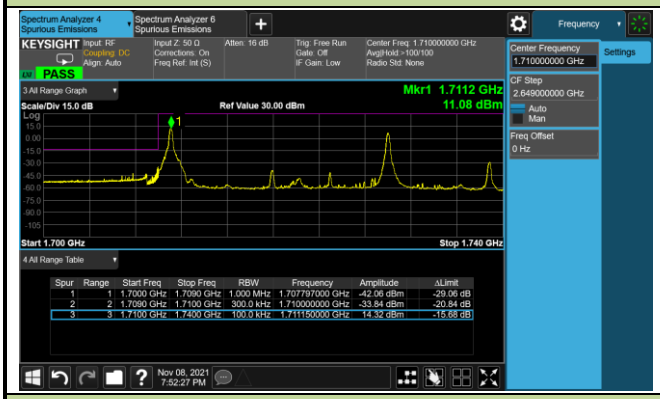
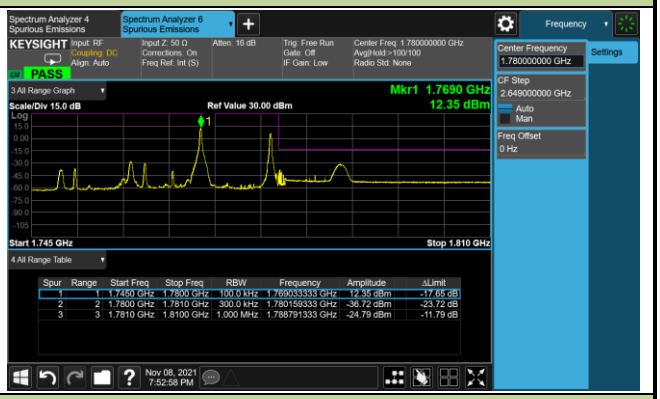
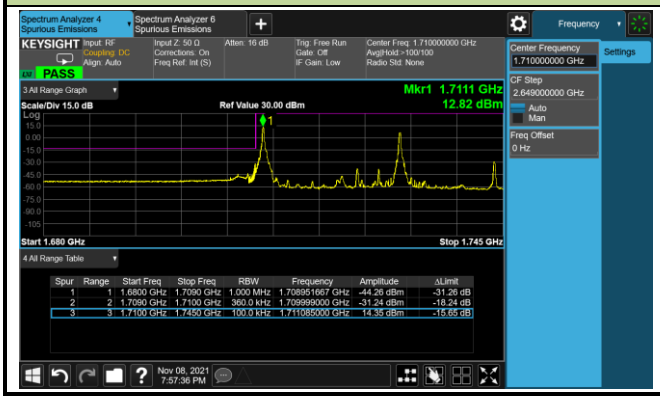
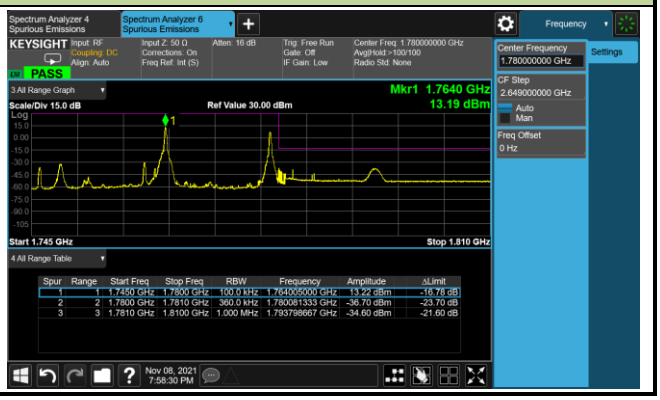
5+10MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

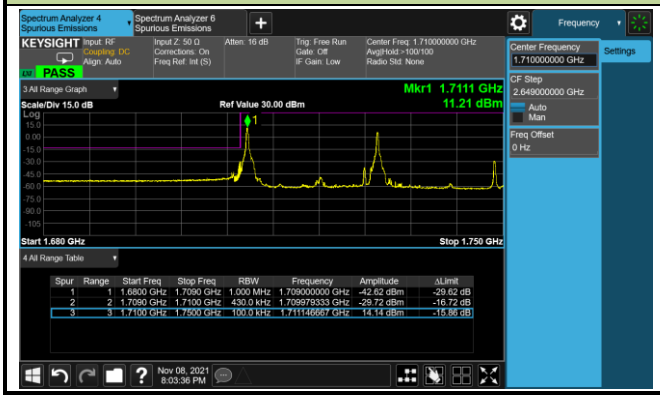
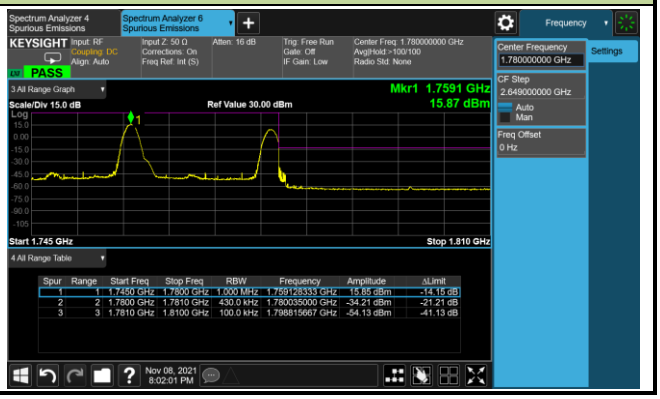
10+5MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
10+10MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

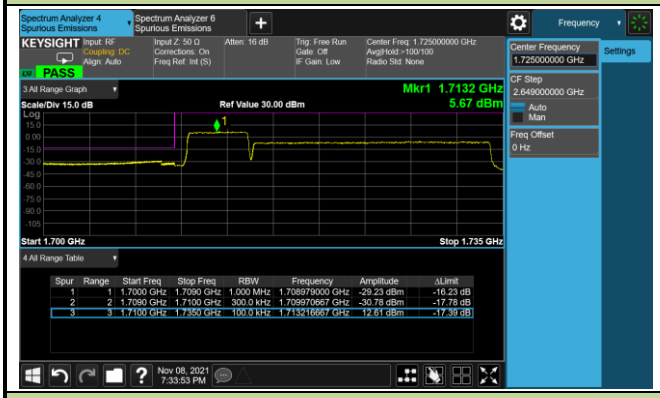
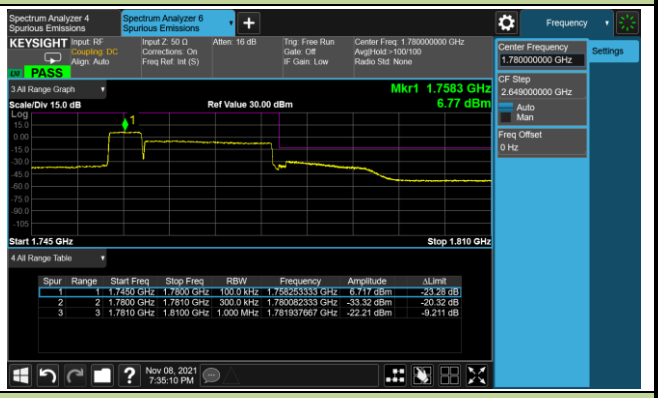
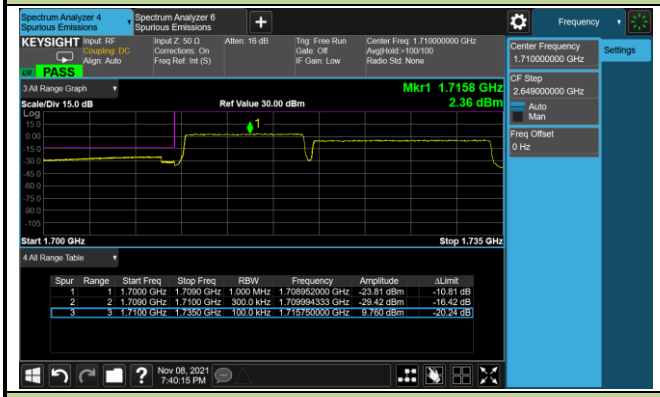
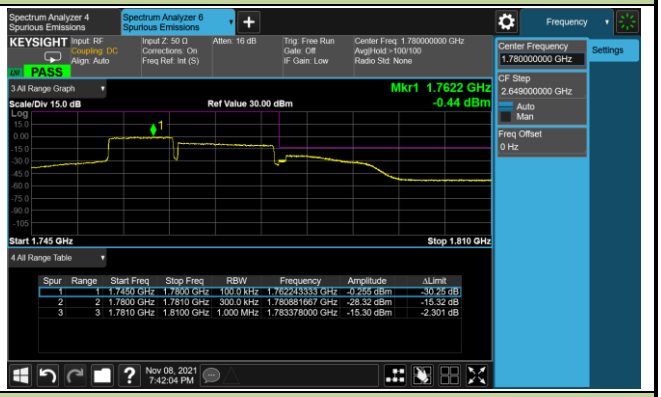
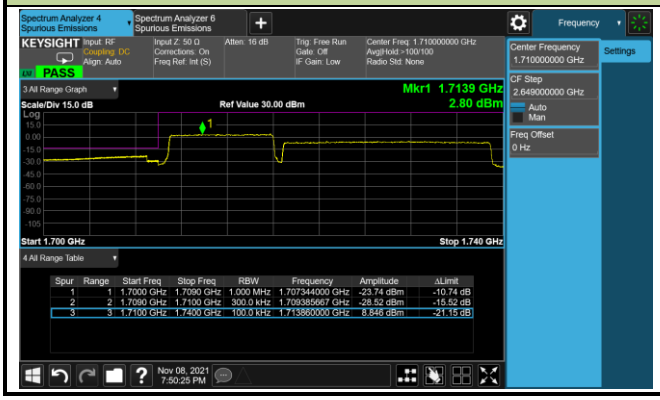
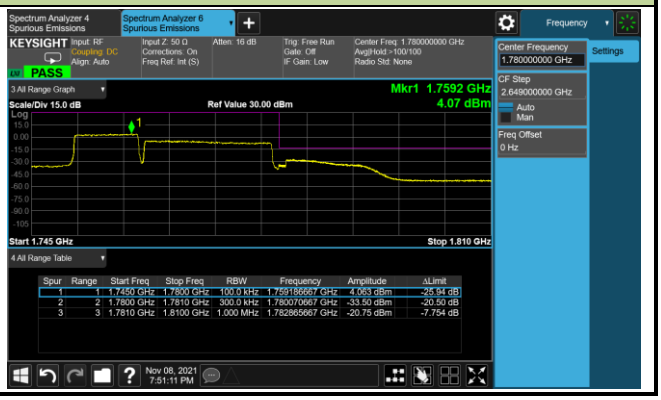
Test Engineer	Candy Luo	Test Site	SIP-SR1
Test Band	LTE Band CA_66C_QPSK	Test Date	2021/11/08

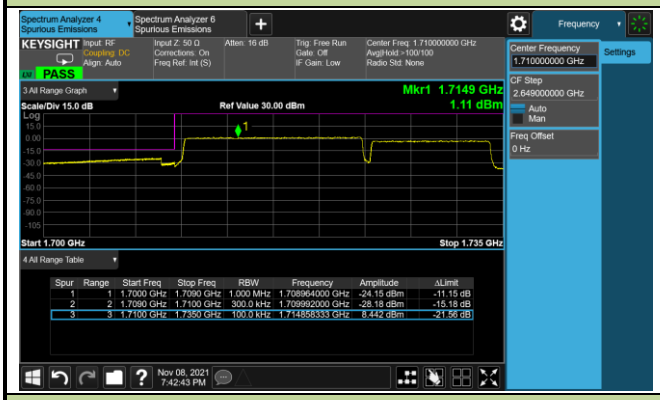
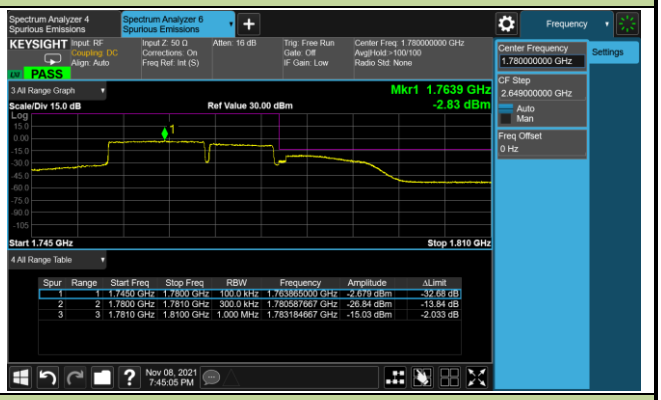
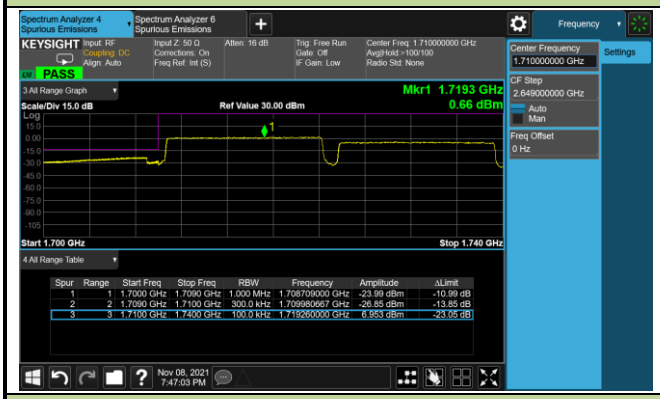
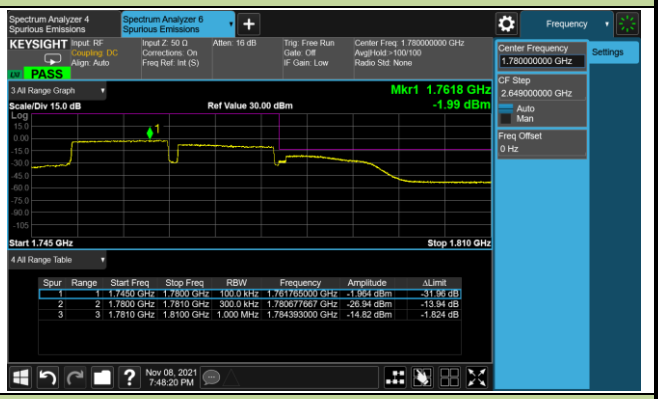
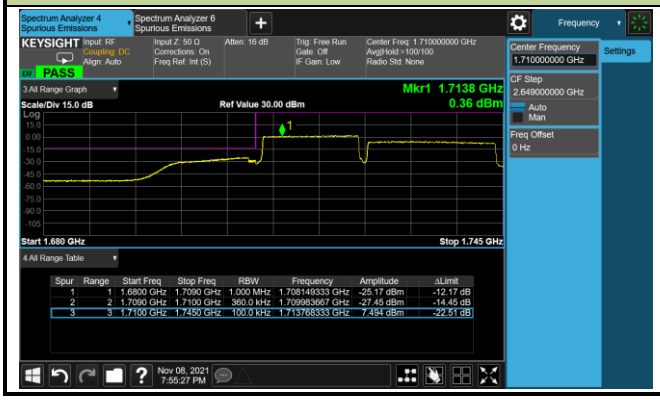
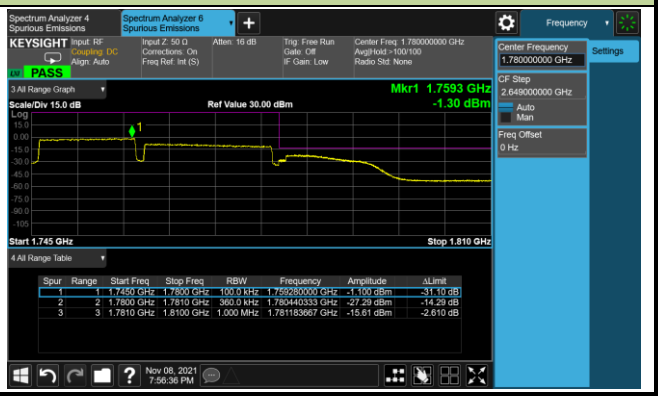
5+20MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 24 & 99
	
10+15MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 49 & 74
	
10+20MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 99	Upper Band Edge RB = 49 & 99
	

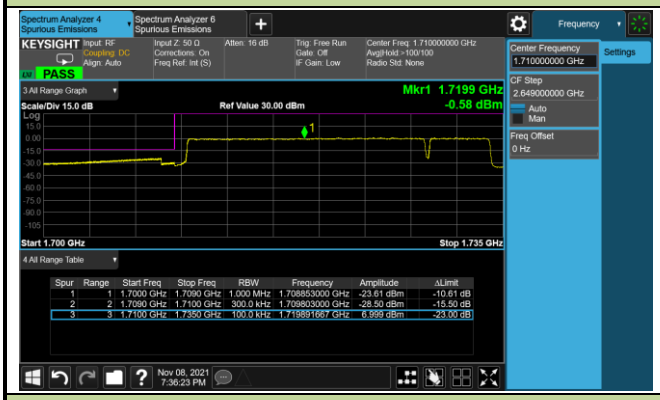
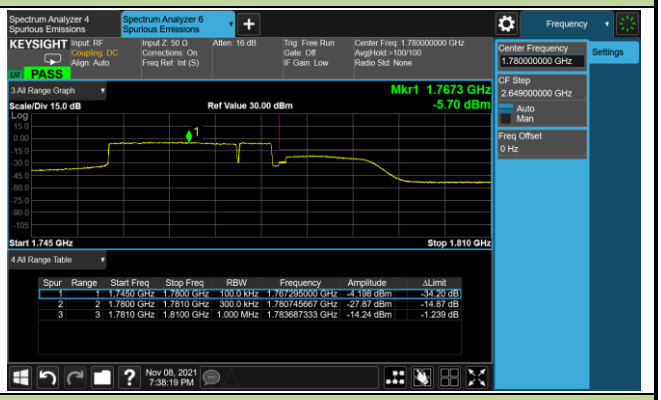
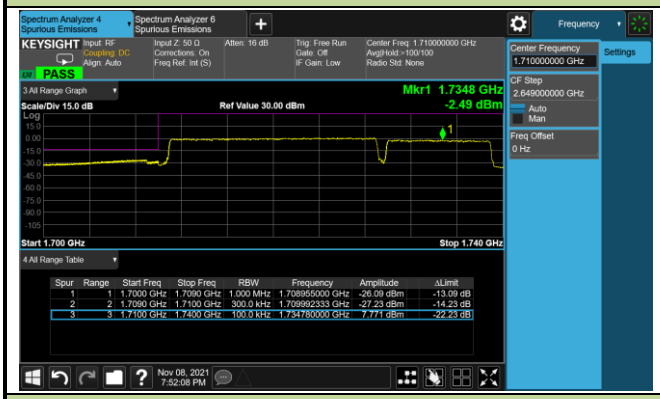
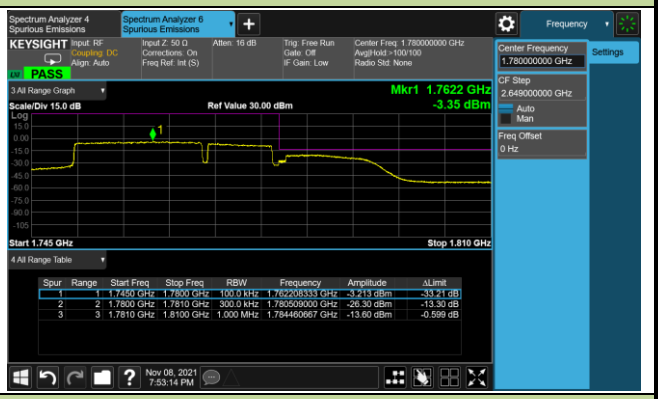
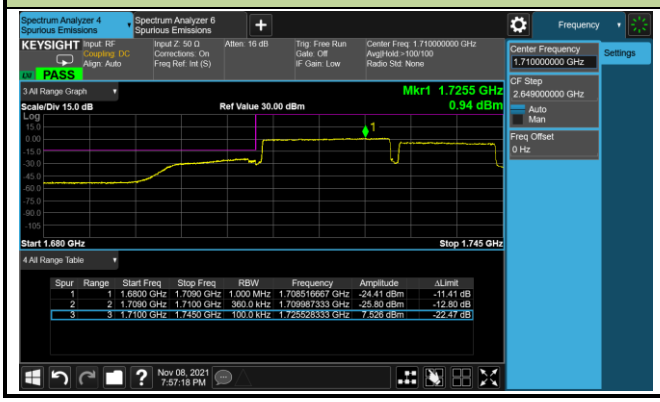
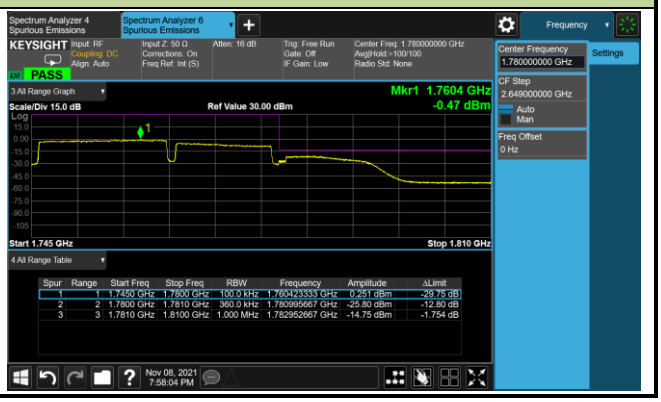
15+10MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 74 & 49
	
15+15MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 74 & 74
	
15+20MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 74 & 99
	

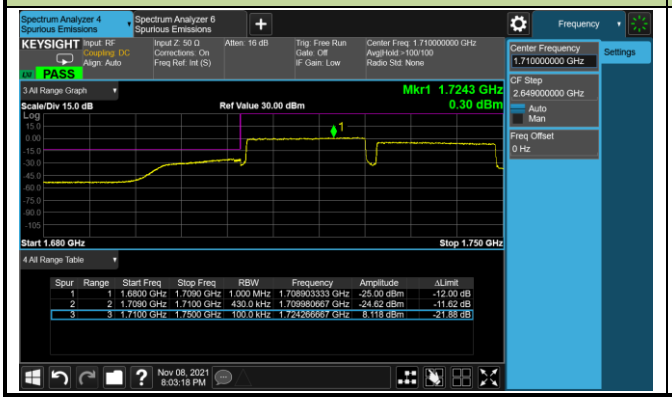
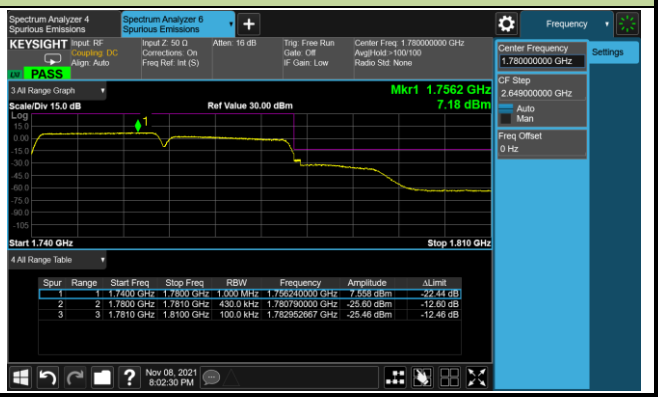
20+5MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 24	Upper Band Edge RB = 99 & 24
	
20+10MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 49	Upper Band Edge RB = 99 & 49
	
20+15MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 74	Upper Band Edge RB = 99 & 74
	

20+20MHz Channel Bandwidth	
Lower Band Edge RB = 0 & 0	Upper Band Edge RB = 99 & 99
	

5+20MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
10+15MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
10+20MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

15+10MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
15+15MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
15+20MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

20+5MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
20+10MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	
20+15MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

20+20MHz Channel Bandwidth Full RB	
Lower Band Edge	Upper Band Edge
	

4.5. Conducted Spurious Emissions

4.5.1.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 10^{th} 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.

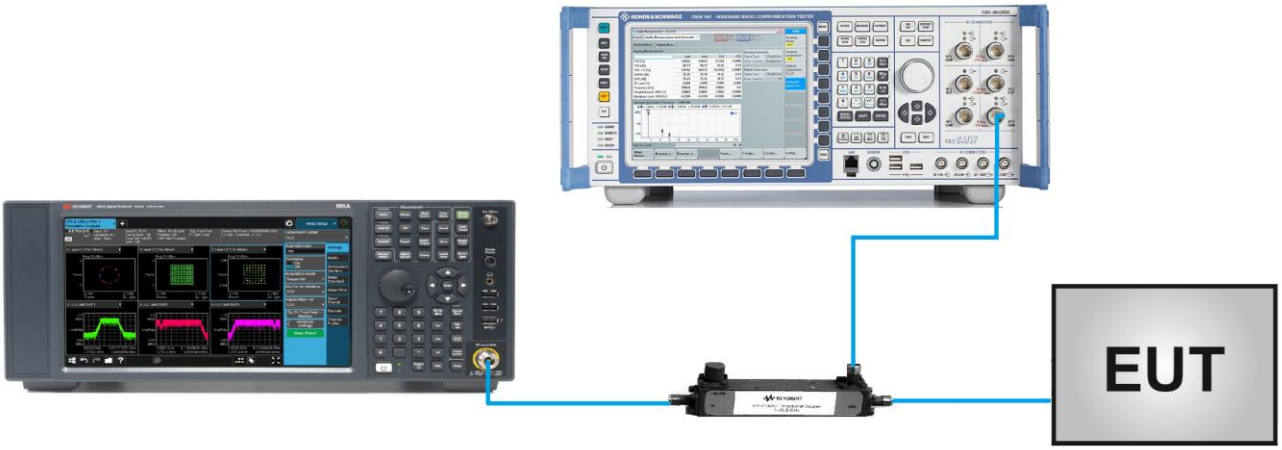
4.5.2.Test Procedure Used

ANSI C63.26-2015 - Section 5.7

4.5.3.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.

4.5.4.Test Setup

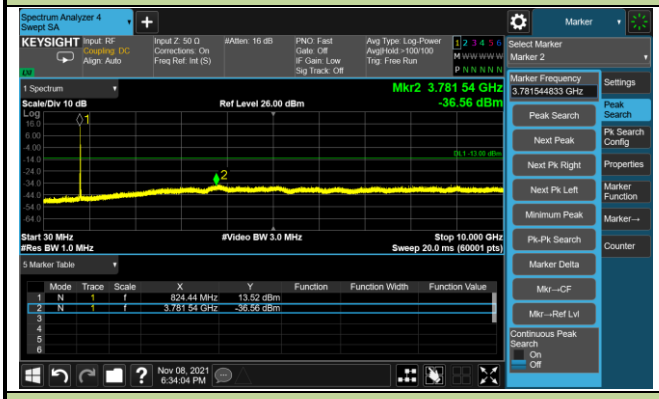
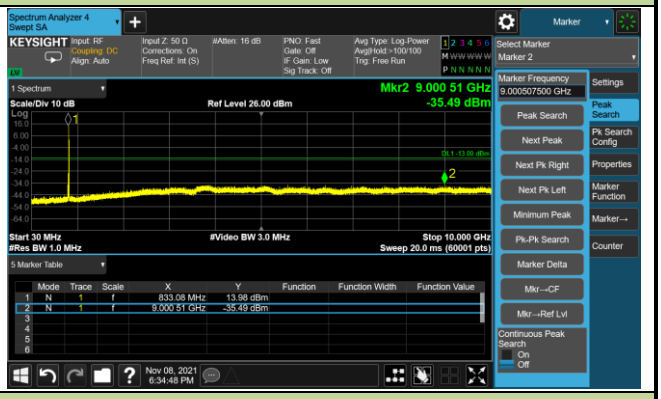
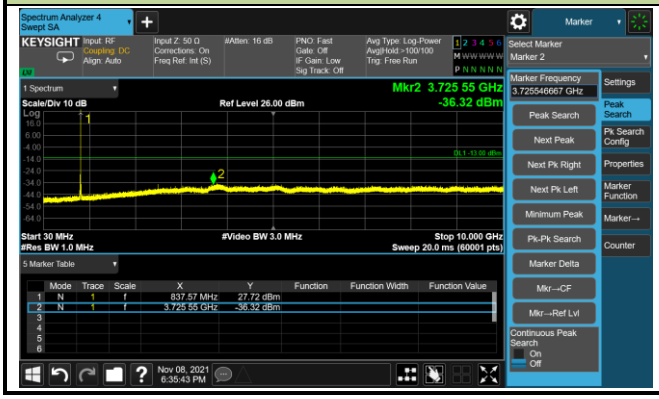
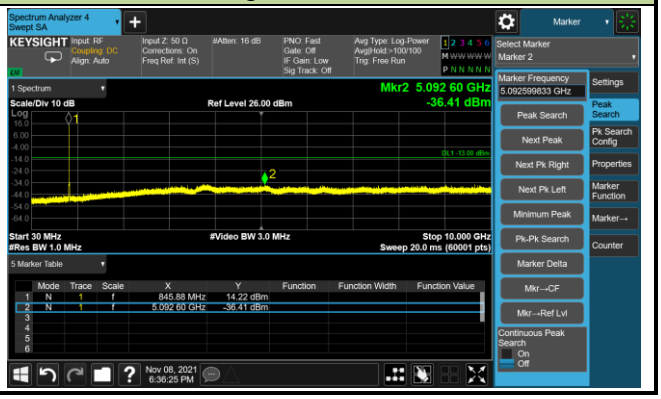


4.5.5.Test Result

Test Engineer	Candy Luo	Test Site	SIP-SR1
Test Band	LTE Band CA_5B, 1RB, QPSK	Test Date	2021/11/08

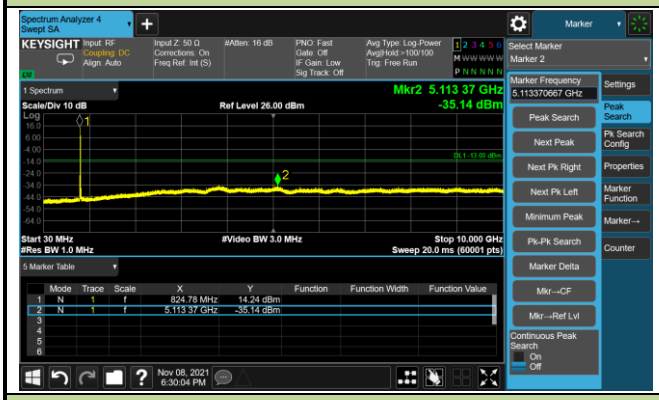
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
825.6	829.5	3+5	30 ~ 10000	-35.87	≤ -13.00	Pass
834.1	838.0	3+5	30 ~ 10000	-31.56	≤ -13.00	Pass
842.6	846.5	3+5	30 ~ 10000	-35.60	≤ -13.00	Pass
826.5	830.4	5+3	30 ~ 10000	-36.56	≤ -13.00	Pass
835.0	838.9	5+3	30 ~ 10000	-35.49	≤ -13.00	Pass
843.5	847.4	5+3	30 ~ 10000	-36.41	≤ -13.00	Pass
826.8	834.0	5+10	30 ~ 10000	-35.14	≤ -13.00	Pass
831.8	839.0	5+10	30 ~ 10000	-35.35	≤ -13.00	Pass
836.8	844.0	5+10	30 ~ 10000	-34.49	≤ -13.00	Pass
829.0	836.2	10+5	30 ~ 10000	-35.05	≤ -13.00	Pass
834.0	841.2	10+5	30 ~ 10000	-34.98	≤ -13.00	Pass
839.0	846.2	10+5	30 ~ 10000	-35.76	≤ -13.00	Pass
829.0	838.9	10+10	30 ~ 10000	-36.06	≤ -13.00	Pass
831.6	841.5	10+10	30 ~ 10000	-35.30	≤ -13.00	Pass
834.1	844.0	10+10	30 ~ 10000	-36.31	≤ -13.00	Pass

3+5MHz Channel Bandwidth	
Lowest Channel	Middle Channel/1RB@0 and 1RB@24
	
Middle Channel/1RB@24 and 1RB@0	Highest Channel
	

5+3MHz Channel Bandwidth	
Lowest Channel	Middle Channel/1RB@0 and 1RB@14
	
Middle Channel/ 1RB@24 and 1RB@0	Highest Channel
	

5+10MHz Channel Bandwidth

Lowest Channel



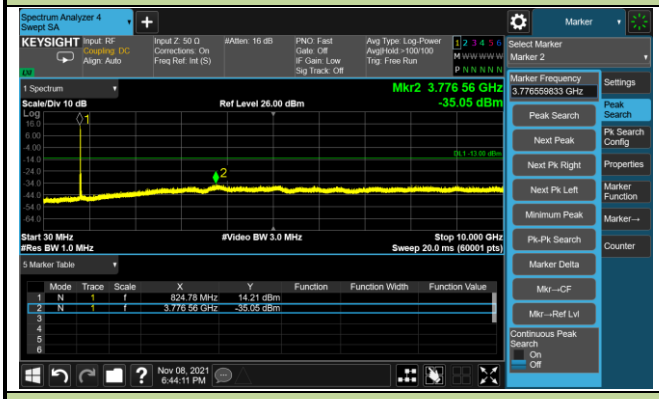
Middle Channel/1RB@0 and 1RB@49

Middle Channel/1RB@24 and 1RB@0

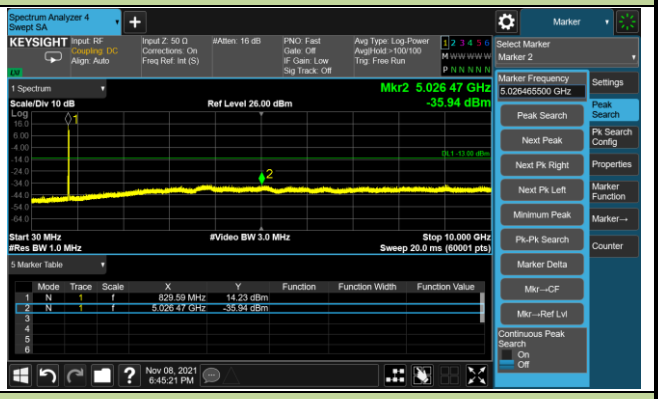
Highest Channel

10+5MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@24



Middle Channel/ 1RB@49 and 1RB@0

Highest Channel