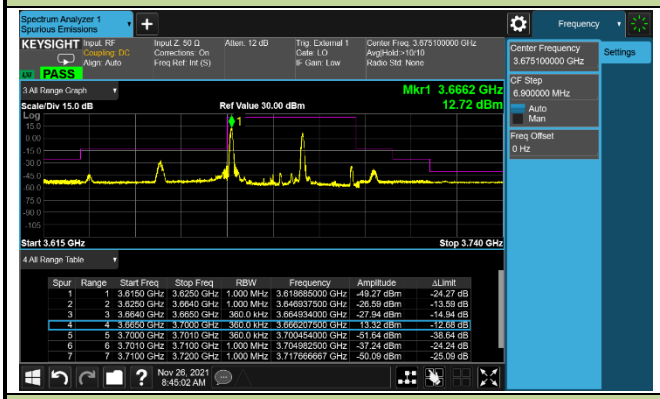
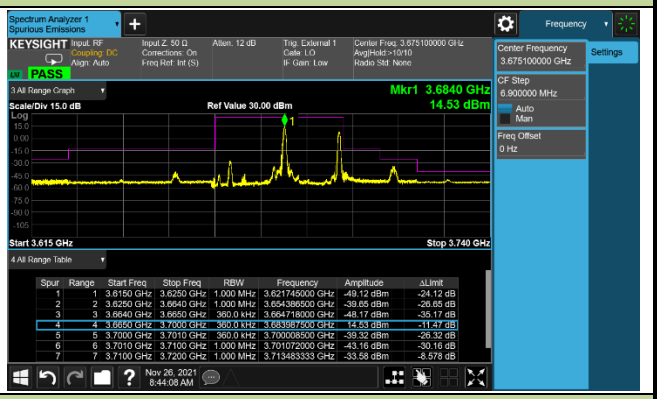
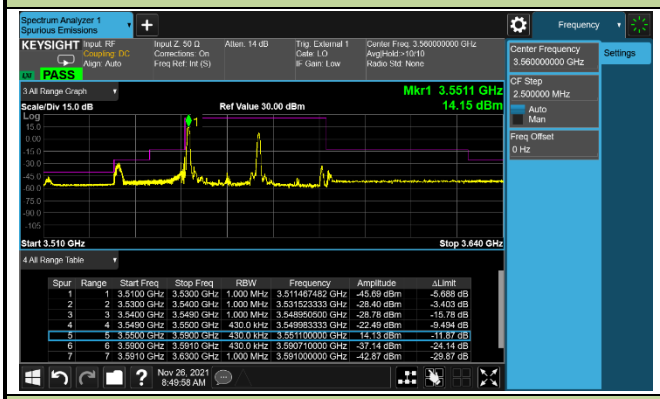
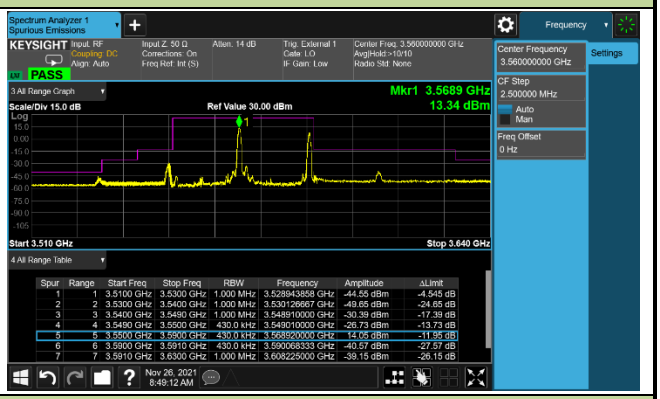
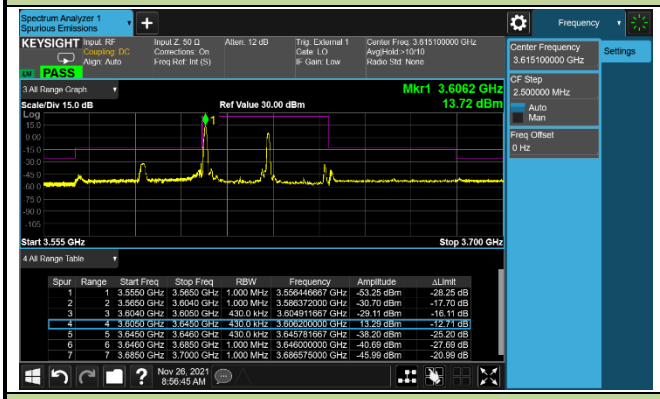
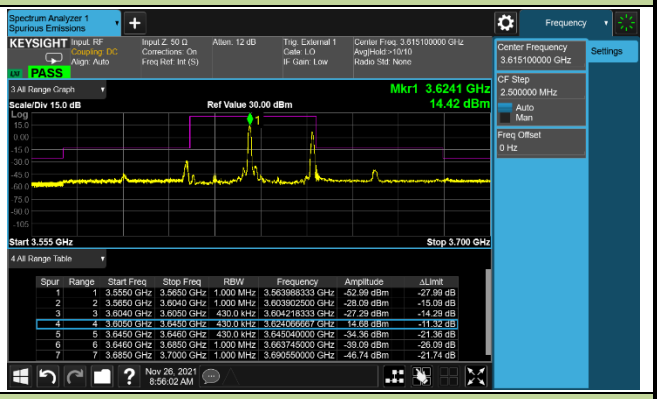
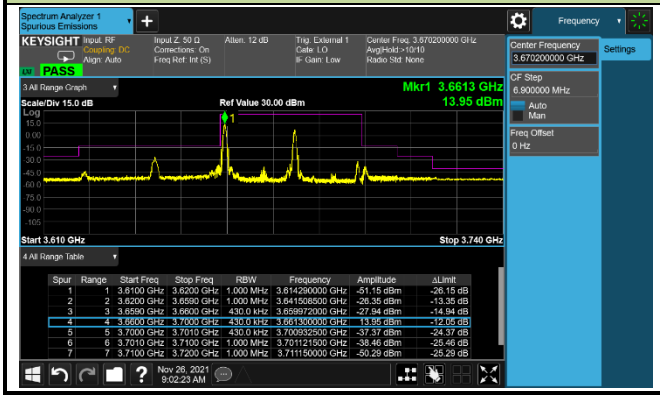
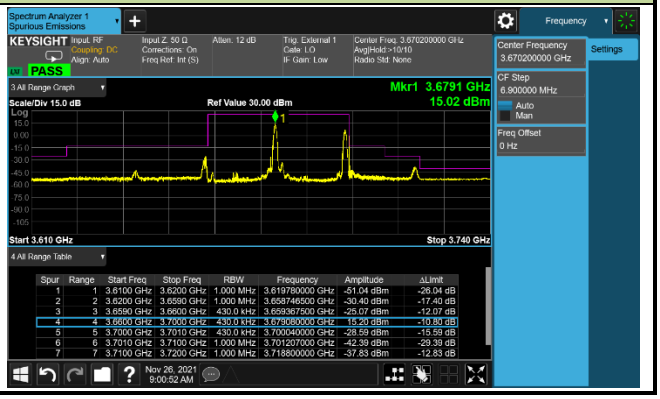
Upper Band Edge RB = 0 & 0	Upper Band Edge RB = 99 & 74
	

20+20MHz Channel Bandwidth

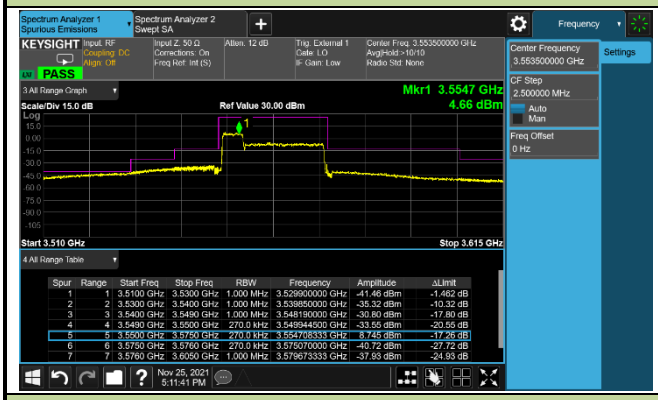
Lower Band Edge RB = 0 & 0	Lower Band Edge RB = 99 & 99
	

Middle Band Edge RB = 0 & 0	Middle Band Edge RB = 99 & 99
	

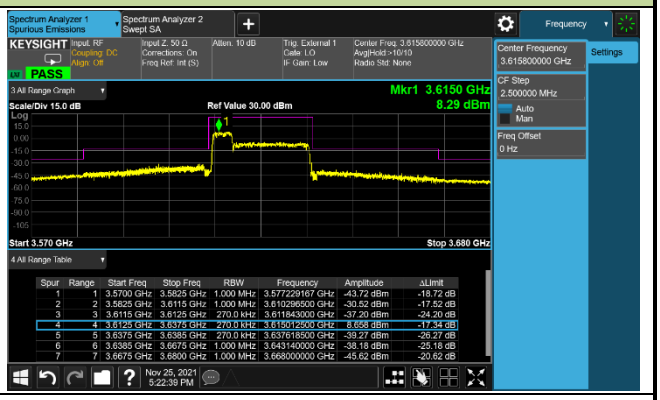
Upper Band Edge RB = 0 & 0	Upper Band Edge RB = 99 & 99
	

5+20MHz Channel Bandwidth Full RB

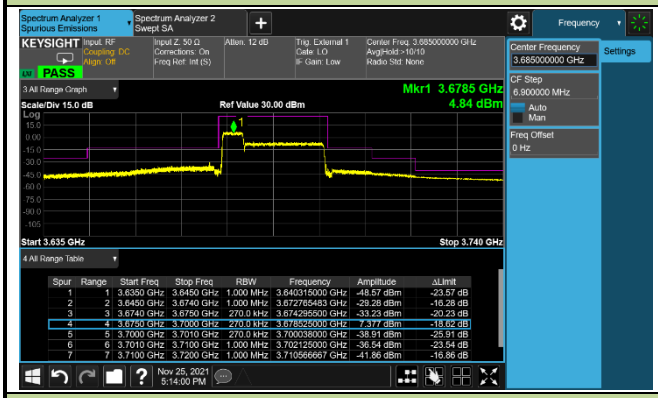
Lower Band Edge



Middle Band Edge

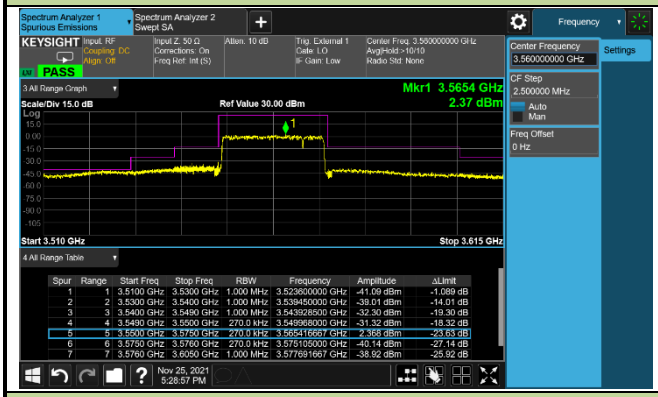


Upper Band Edge

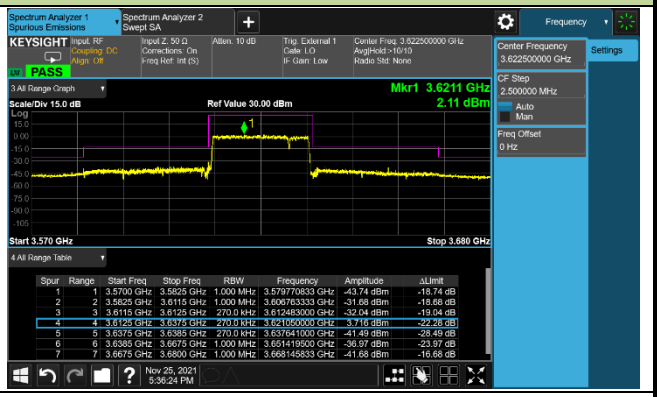


20+5MHz Channel Bandwidth Full RB

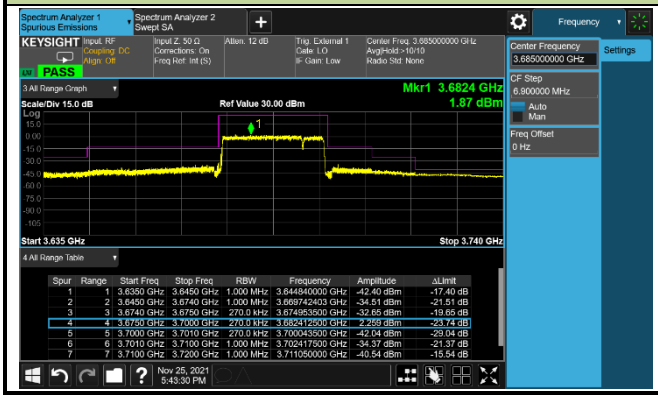
Lower Band Edge



Middle Band Edge

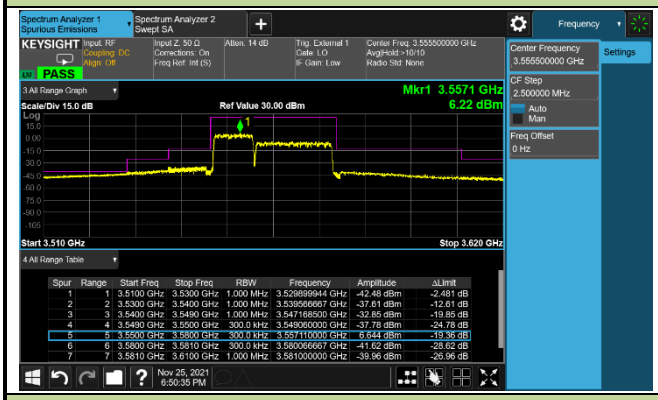


Upper Band Edge

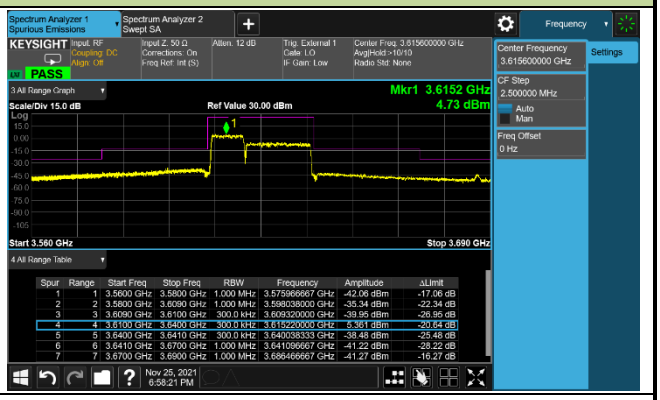


10+20MHz Channel Bandwidth Full RB

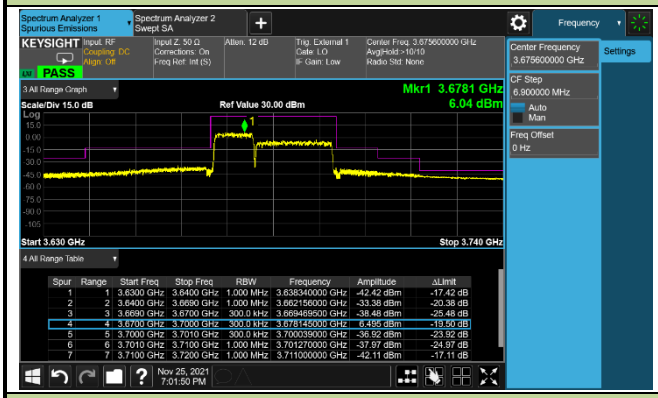
Lower Band Edge



Middle Band Edge

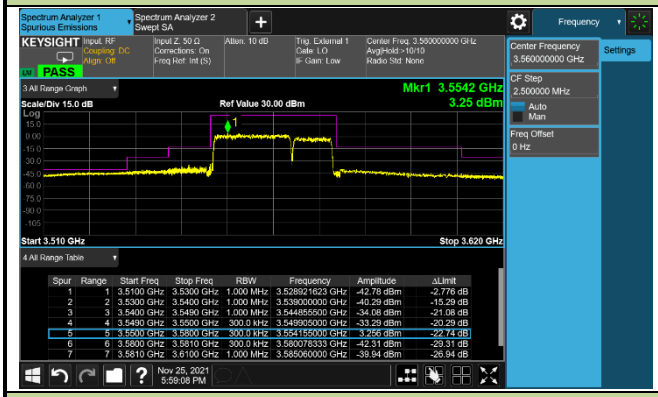


Upper Band Edge

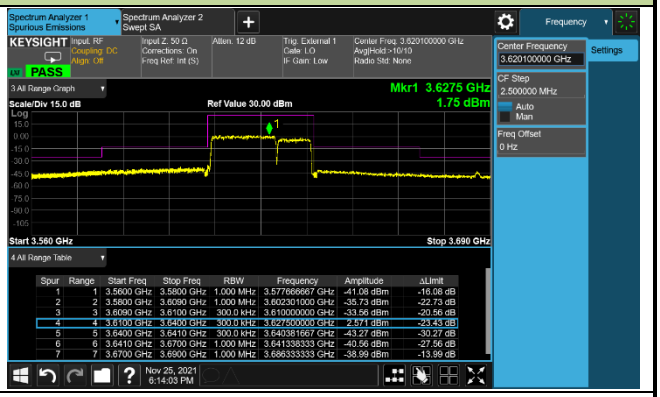


20+10MHz Channel Bandwidth Full RB

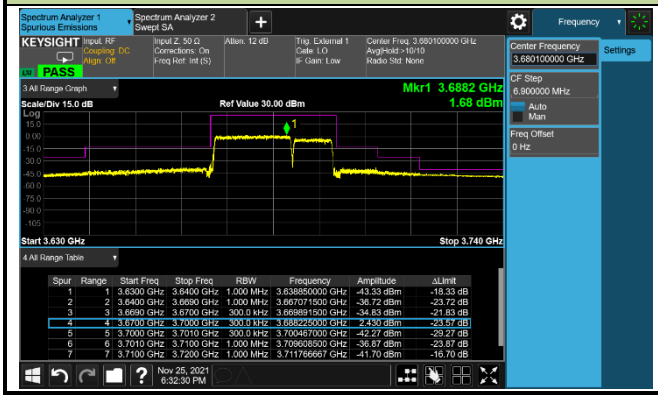
Lower Band Edge



Middle Band Edge

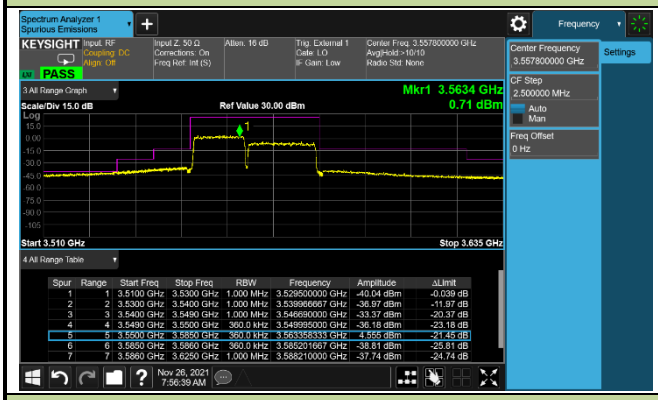


Upper Band Edge

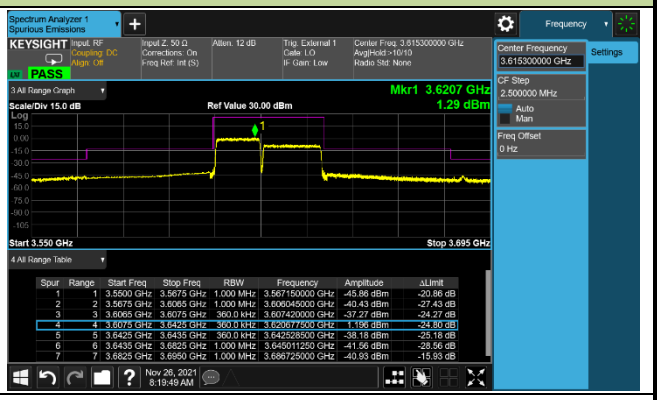


15+20MHz Channel Bandwidth Full RB

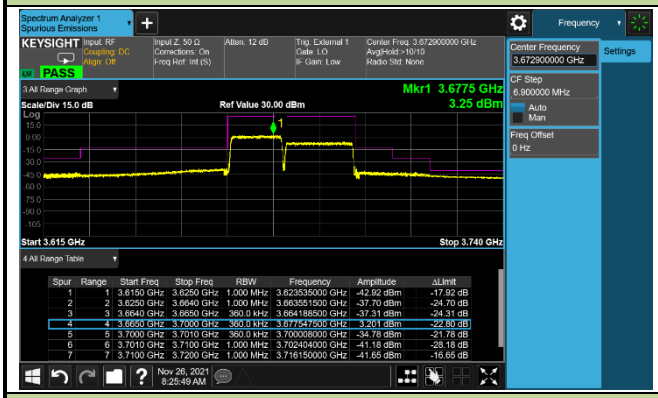
Lower Band Edge



Middle Band Edge

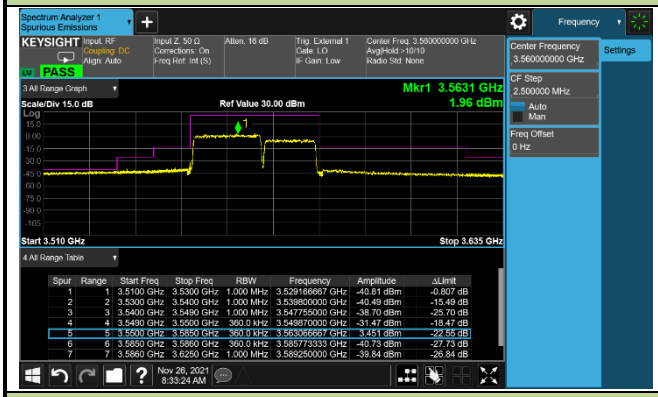


Upper Band Edge

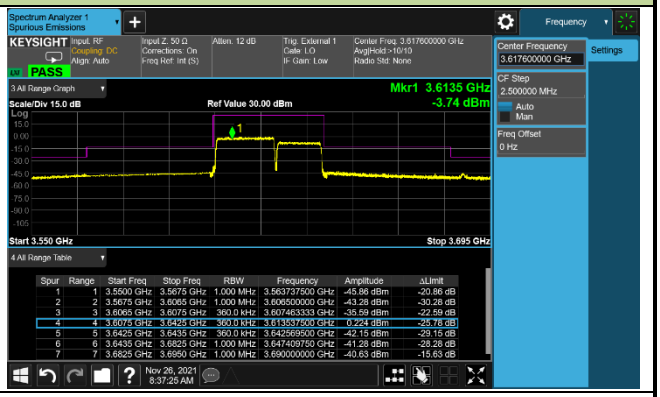


20+15MHz Channel Bandwidth Full RB

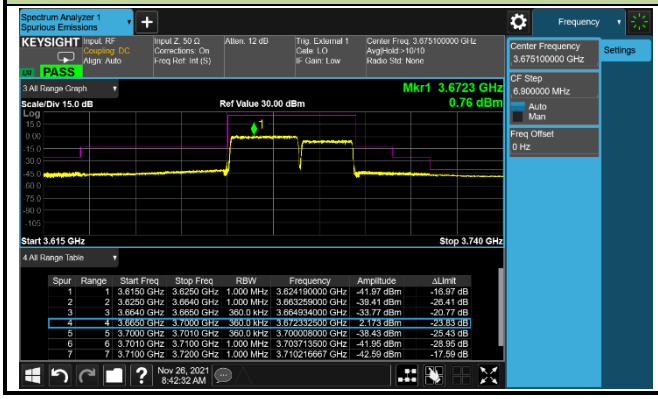
Lower Band Edge



Middle Band Edge

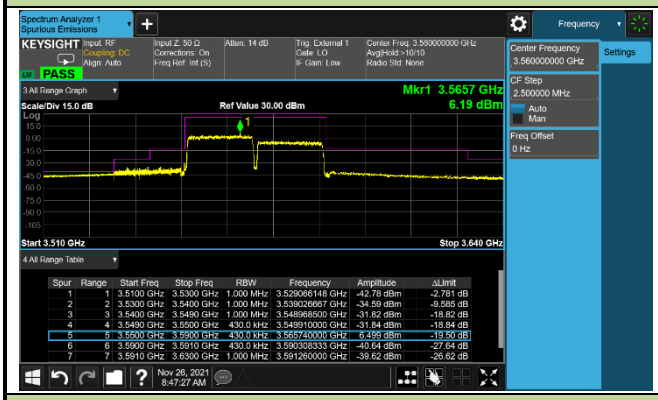


Upper Band Edge

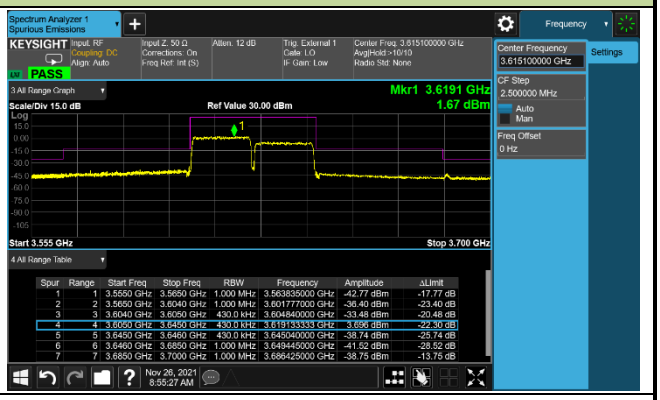


20+20MHz Channel Bandwidth Full RB

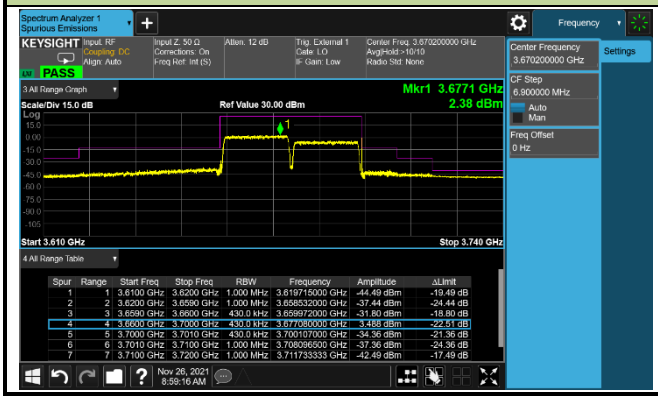
Lower Band Edge



Upper Band Edge



Middle Band Edge



4.5. Conducted Spurious Emission Measurement

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 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 conducted power of any emissions below 3530MHz or above 3720MHz shall not exceed -40dBm/MHz.

4.5.2.Test Procedure

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

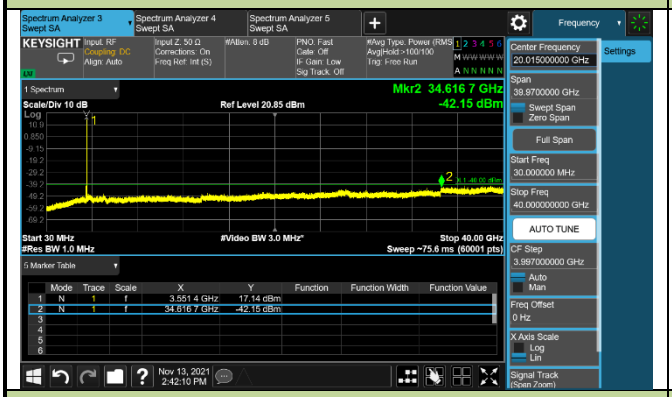
4.5.5.Test Result

Test Engineer	Candy Luo	Test Site	WZ-SR6
Test Band	LTE Band CA_48C_QPSK	Test Date	2021/11/13

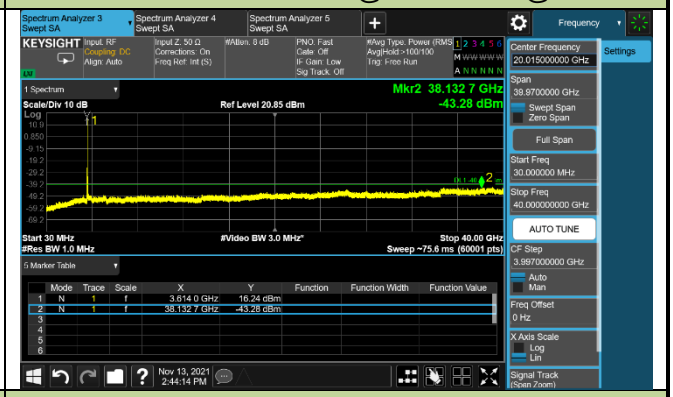
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
3553.3	3565.0	5+20	30 ~ 40000	-42.15	≤ -40.00	Pass
3615.8	3627.5	5+20	30 ~ 40000	-42.52	≤ -40.00	Pass
3678.3	3690.0	5+20	30 ~ 40000	-42.28	≤ -40.00	Pass
3560.0	3571.7	20+5	30 ~ 40000	-42.13	≤ -40.00	Pass
3622.5	3634.2	20+5	30 ~ 40000	-41.36	≤ -40.00	Pass
3685.0	3696.7	20+5	30 ~ 40000	-41.40	≤ -40.00	Pass
3555.5	3569.9	10+20	30 ~ 40000	-41.02	≤ -40.00	Pass
3615.6	3630.0	10+20	30 ~ 40000	-41.55	≤ -40.00	Pass
3675.6	3690.0	10+20	30 ~ 40000	-42.54	≤ -40.00	Pass
3560.0	3574.4	20+10	30 ~ 40000	-41.99	≤ -40.00	Pass
3620.1	3634.5	20+10	30 ~ 40000	-41.23	≤ -40.00	Pass
3680.1	3694.5	20+10	30 ~ 40000	-41.22	≤ -40.00	Pass
3557.8	3574.9	15+20	30 ~ 40000	-42.52	≤ -40.00	Pass
3615.3	3632.4	15+20	30 ~ 40000	-42.90	≤ -40.00	Pass
3672.9	3690.0	15+20	30 ~ 40000	-42.29	≤ -40.00	Pass
3560.0	3577.1	20+15	30 ~ 40000	-43.40	≤ -40.00	Pass
3617.6	3634.7	20+15	30 ~ 40000	-40.81	≤ -40.00	Pass
3675.1	3692.2	20+15	30 ~ 40000	-42.32	≤ -40.00	Pass
3560.0	3579.8	20+20	30 ~ 40000	-41.50	≤ -40.00	Pass
3615.1	3634.9	20+20	30 ~ 40000	-40.55	≤ -40.00	Pass
3670.2	3690.0	20+20	30 ~ 40000	-44.33	≤ -40.00	Pass

5+20MHz Channel Bandwidth

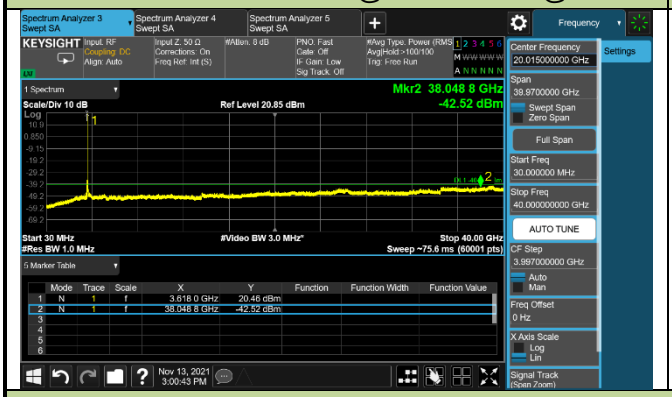
Lowest Channel



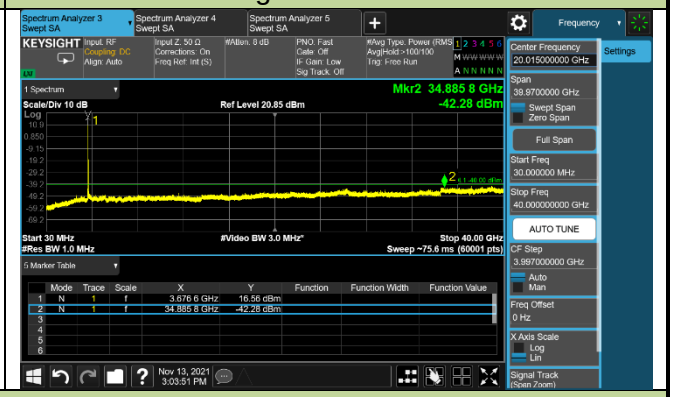
Middle Channel/1RB@0 and 1RB@99



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

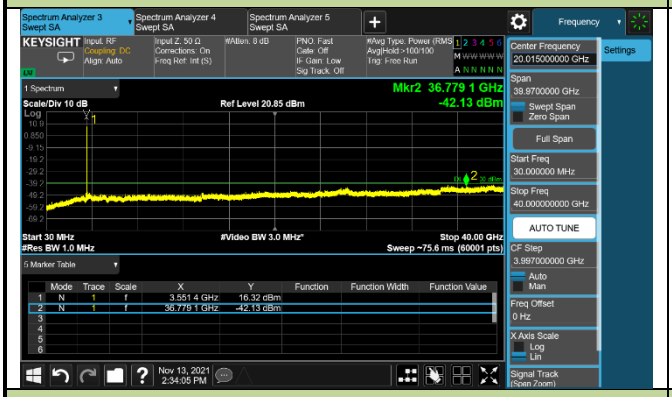


Highest Channel

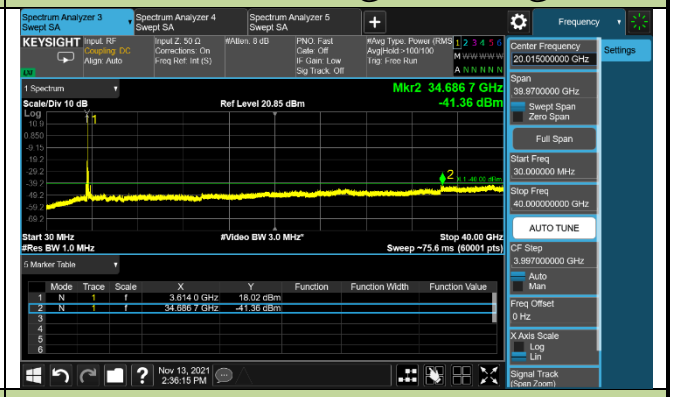


20+5MHz Channel Bandwidth

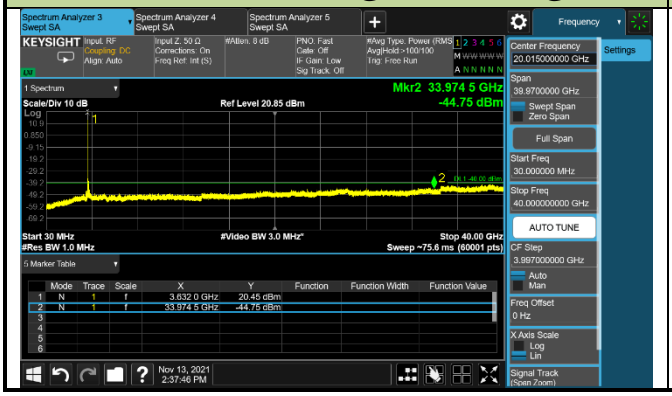
Lowest Channel



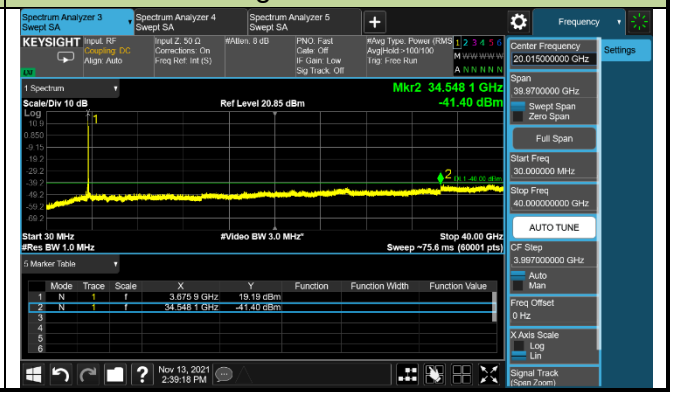
Middle Channel/1RB@0 and 1RB@24



Middle Channel/1RB@99 and 1RB@0

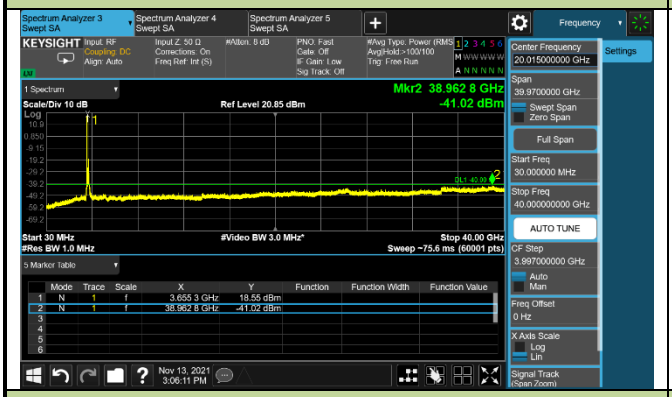


Highest Channel

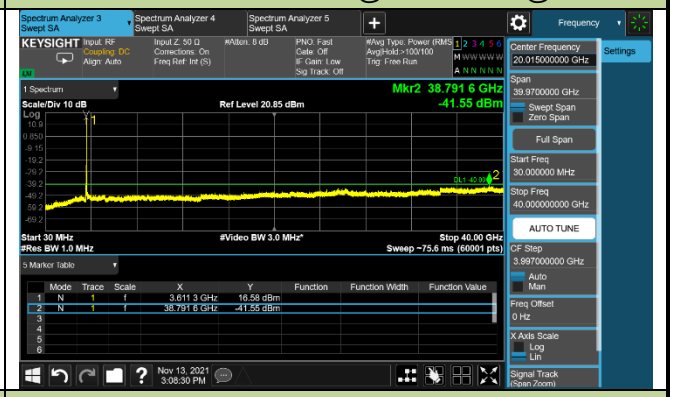


10+20MHz Channel Bandwidth

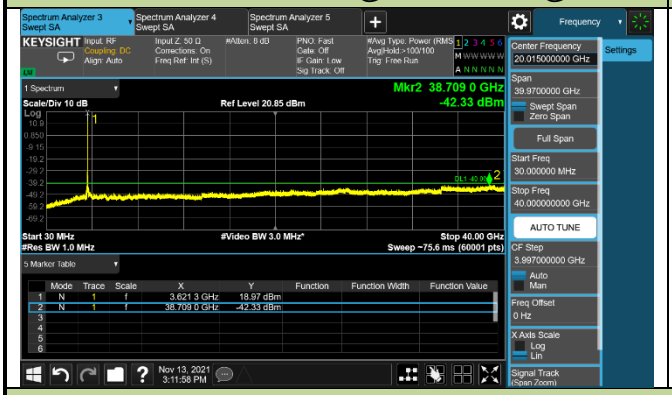
Lowest Channel



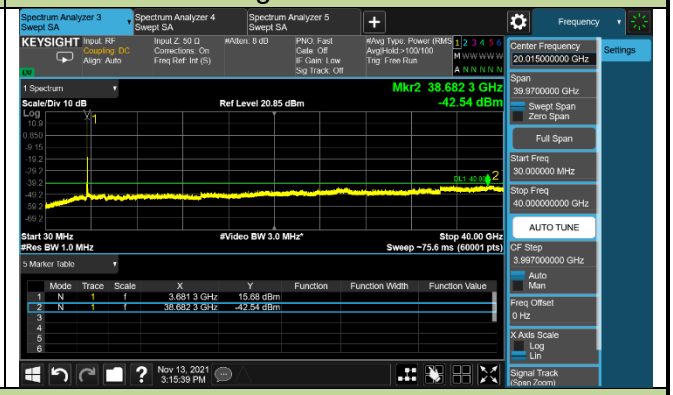
Middle Channel/1RB@0 and 1RB@99



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

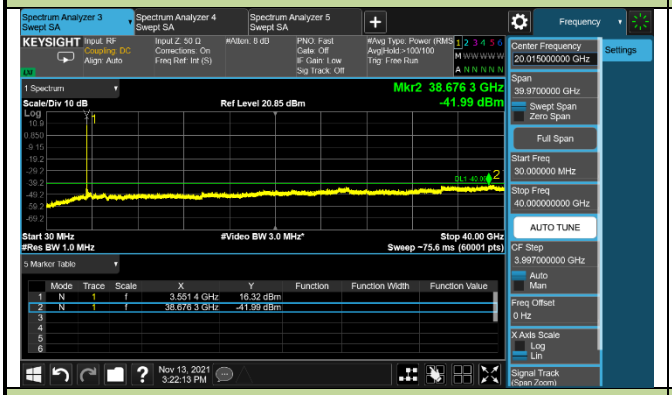


Highest Channel

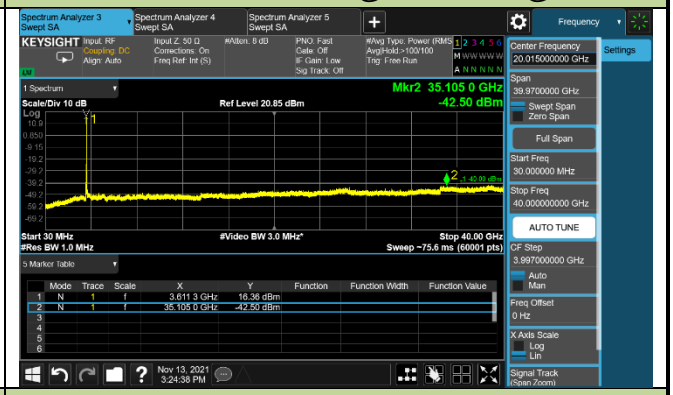


20+10MHz Channel Bandwidth

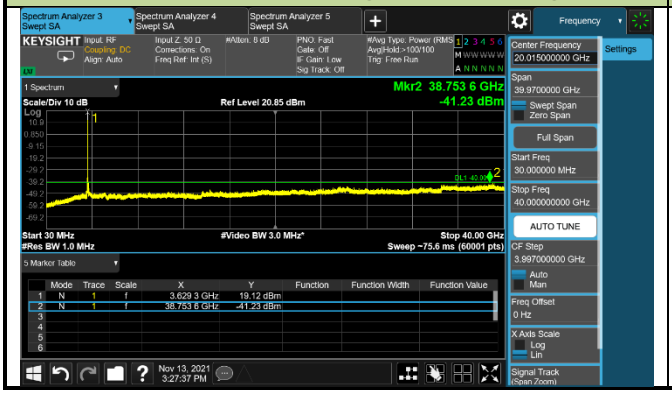
Lowest Channel



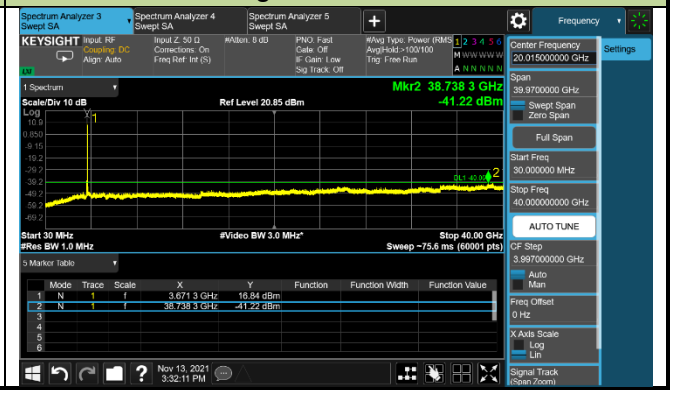
Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@99 and 1RB@0



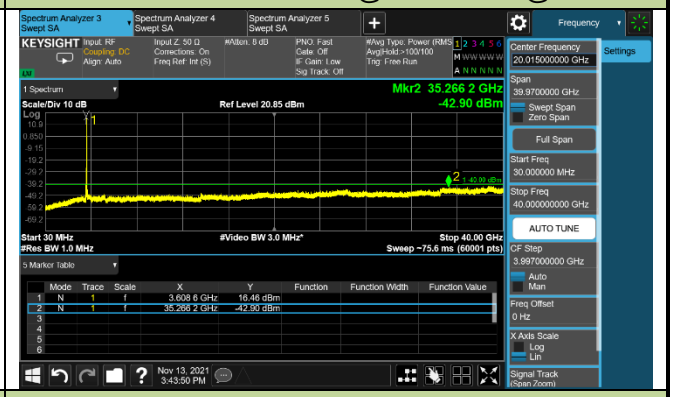
Highest Channel



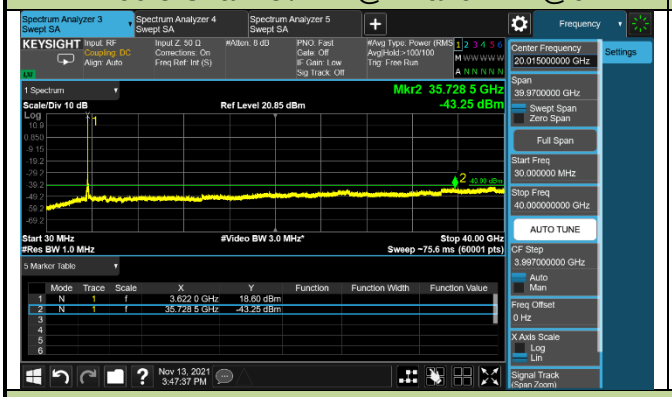
15+20MHz Channel Bandwidth

Lowest Channel

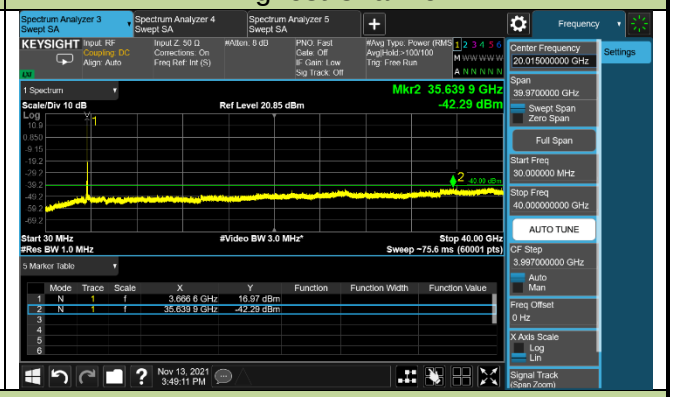
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0

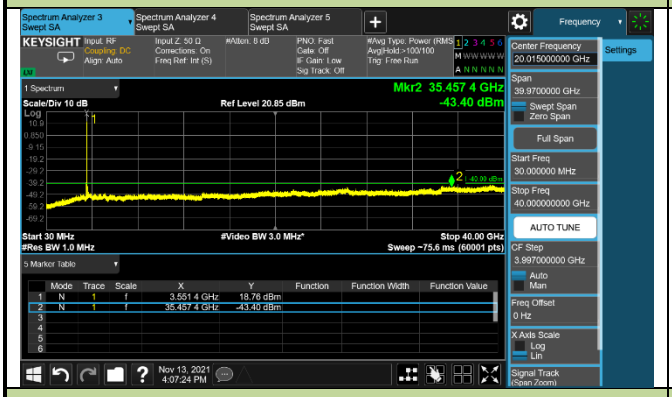


Highest Channel

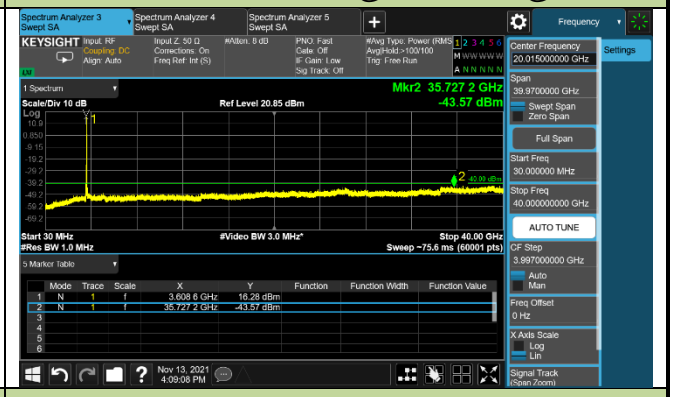


20+15MHz Channel Bandwidth

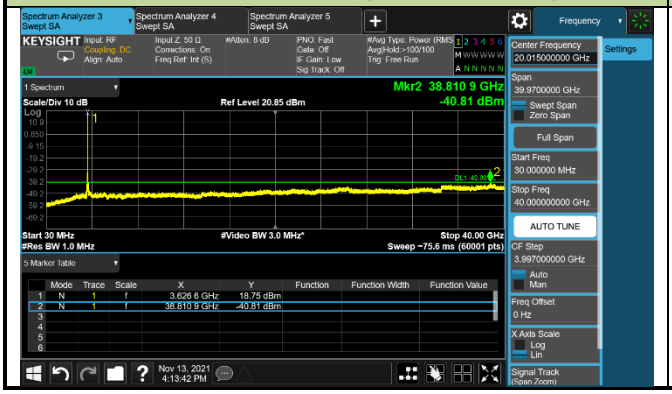
Lowest Channel



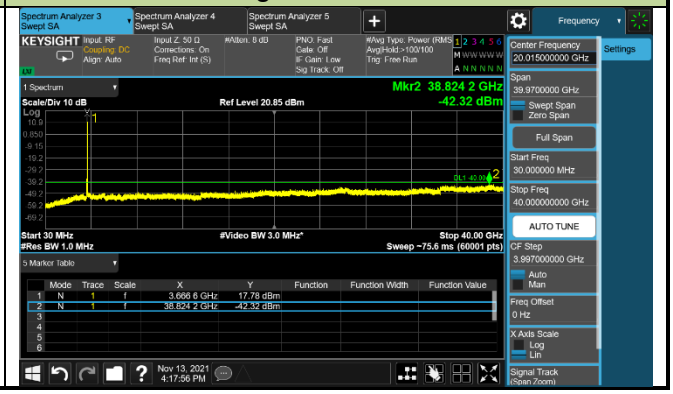
Middle Channel/1RB@0 and 1RB@74

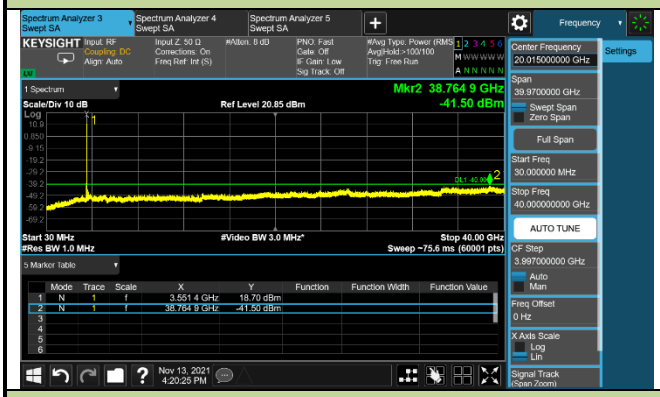
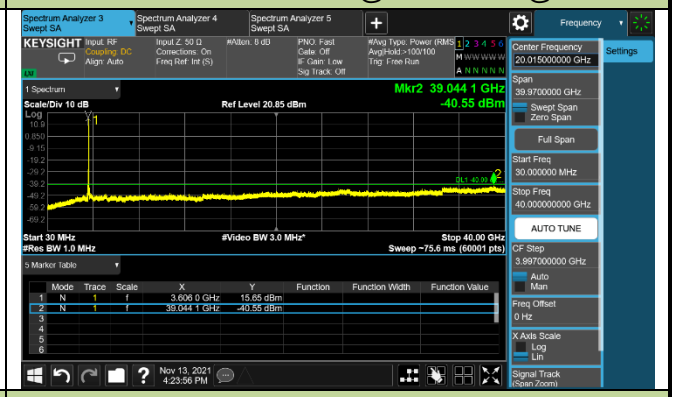
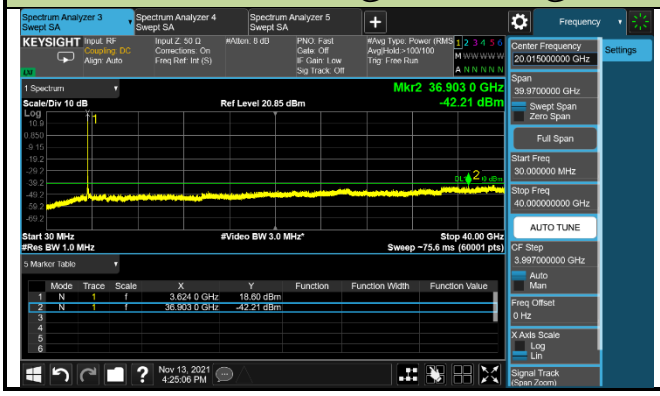
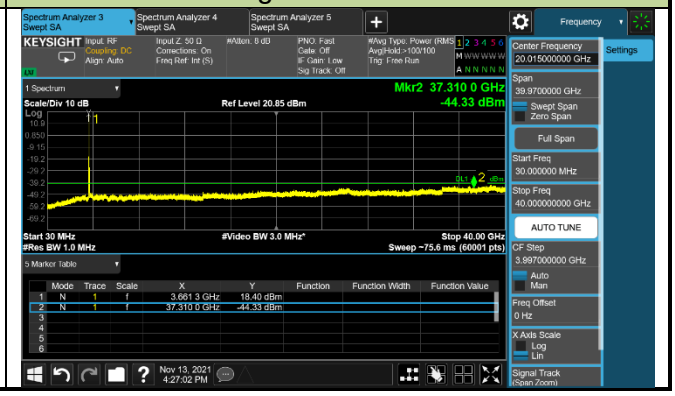


Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+20MHz Channel Bandwidth	
Lowest Channel	Middle Channel/1RB@0 and 1RB@99
	
Middle Channel/1RB@99 and 1RB@0	Highest Channel
	

5. CONCLUSION

The data collected relate only the item(s) tested and show that uniti is compliance with FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2110RSU037-UT” file.

Appendix B - EUT Photograph

Refer to “2110RSU037-UE” file.