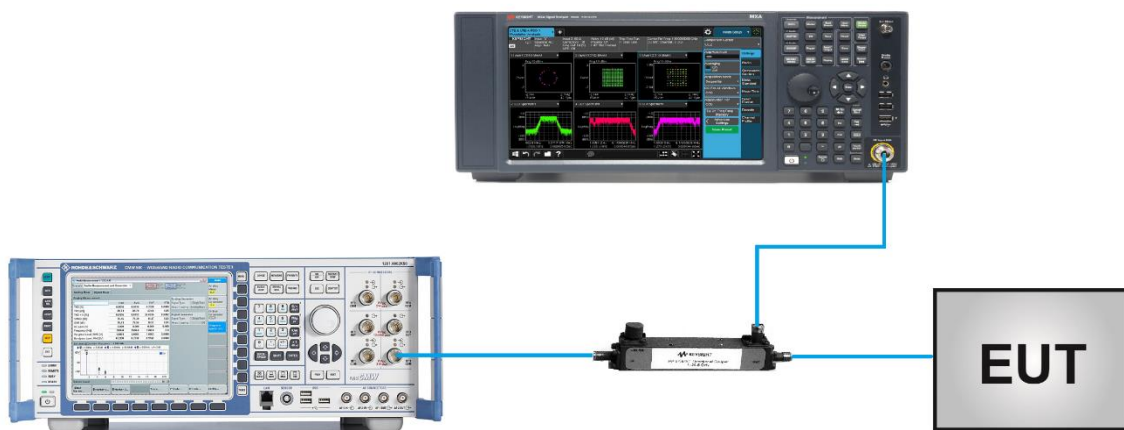


5.5.3. Test Setting

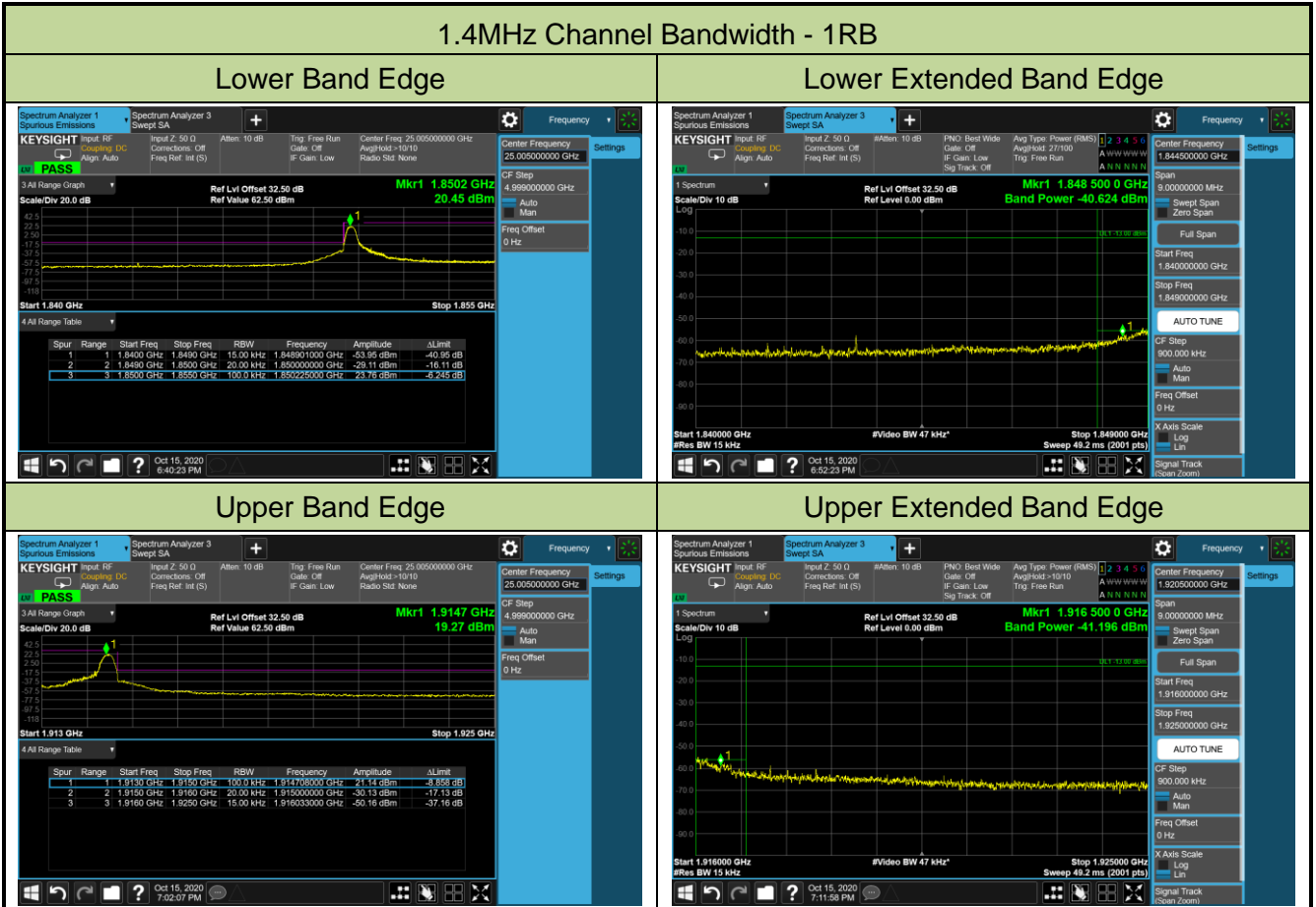
1. Set the analyzer frequency to low or high channel
2. $RBW \geq$ The nominal RBW shall be in the range of 1% of the anticipated OBW (in the 1MHz band immediately outside and adjacent to the band edge). For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3. $VBW \geq 3 * RBW$
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.

5.5.4. Test Setup



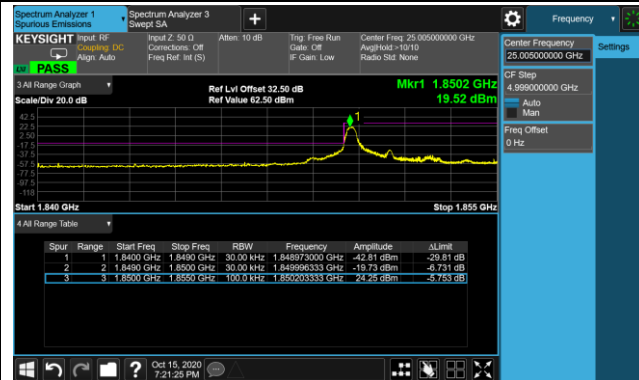
5.5.5. Test Result

Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15
Test Band	LTE Band 2/25	Test Result	Pass

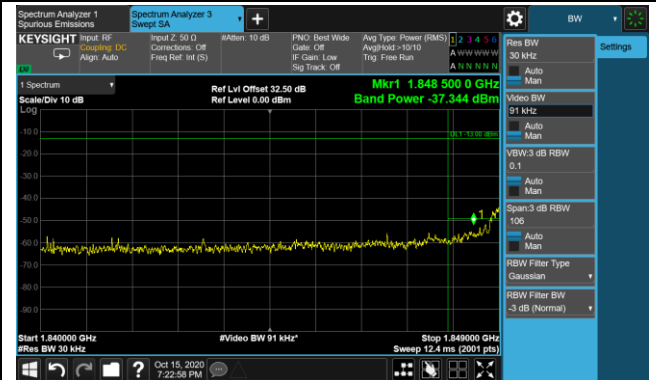


3MHz Channel Bandwidth - 1RB

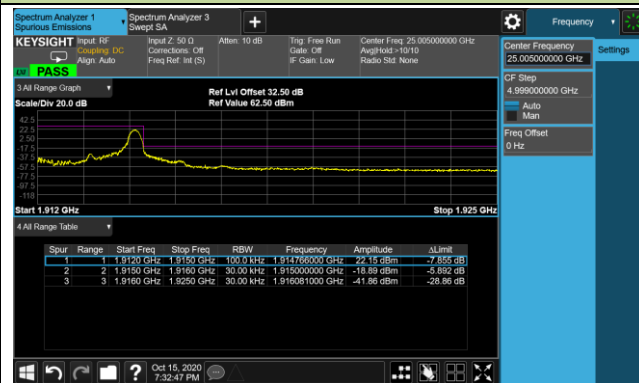
Lower Band Edge



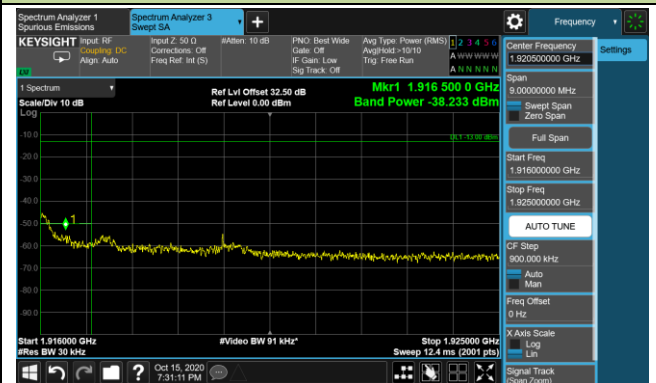
Lower Extended Band Edge



Upper Band Edge

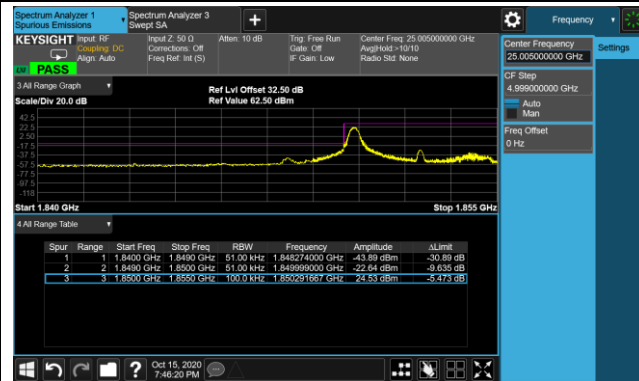


Upper Extended Band Edge

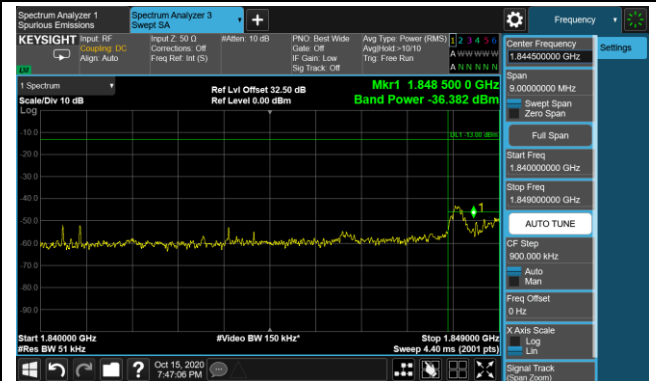


5MHz Channel Bandwidth - 1RB

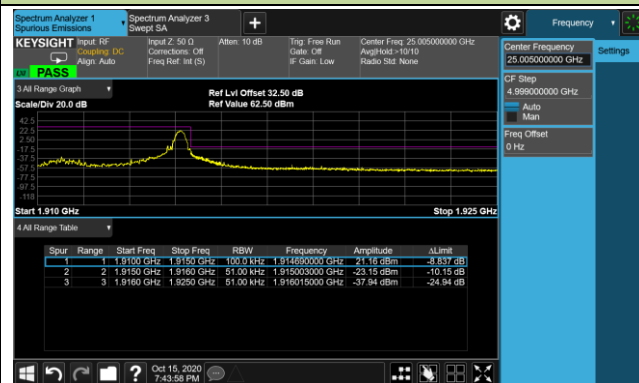
Lower Band Edge



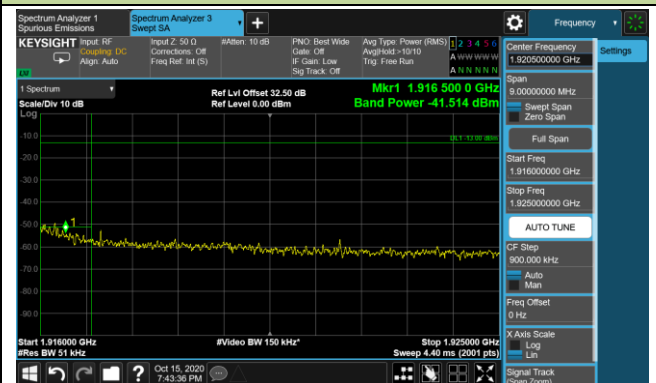
Lower Extended Band Edge



Upper Band Edge

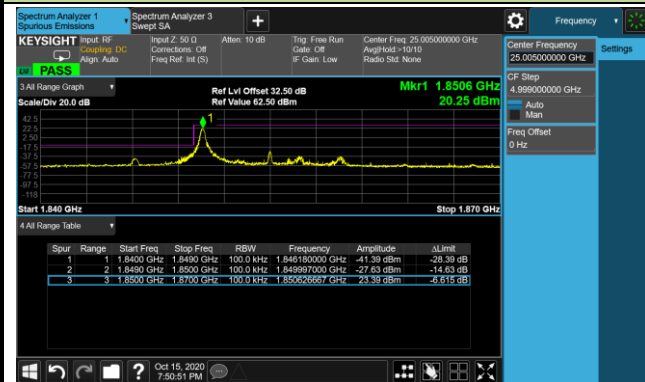


Upper Extended Band Edge

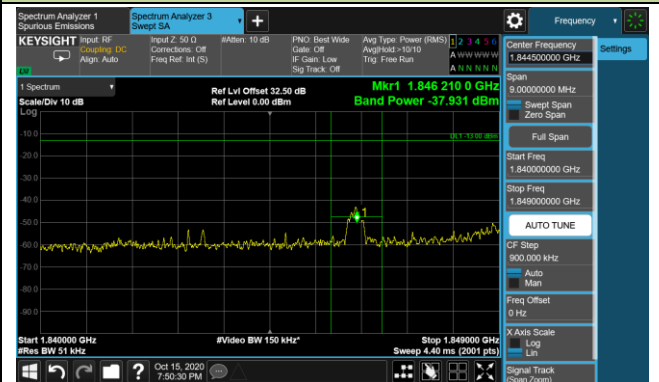


10MHz Channel Bandwidth - 1RB

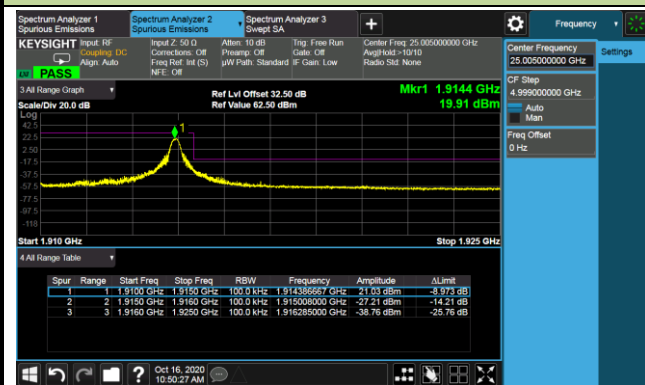
Lower Band Edge



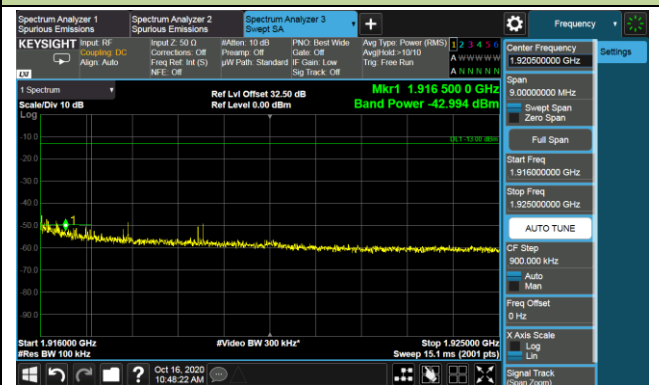
Lower Extended Band Edge



Upper Band Edge

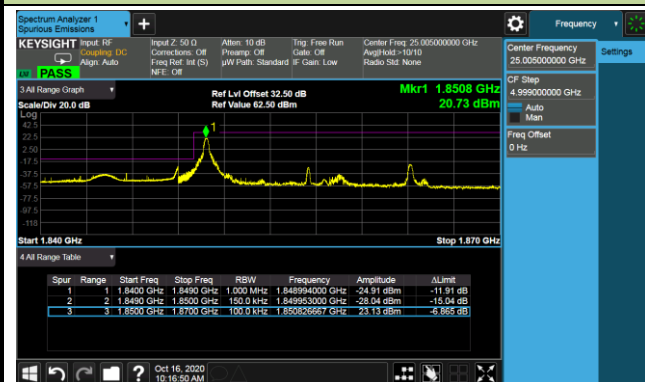


Upper Extended Band Edge



15MHz Channel Bandwidth - 1RB

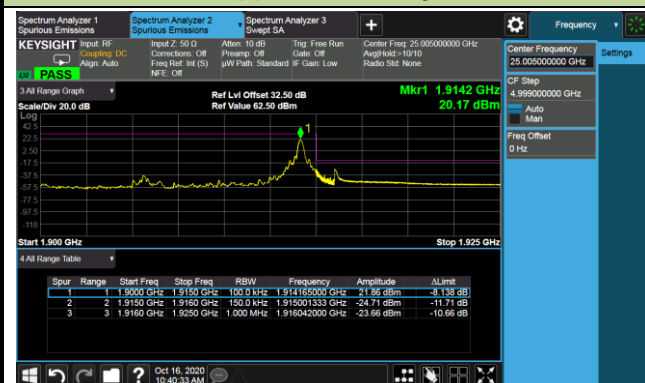
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

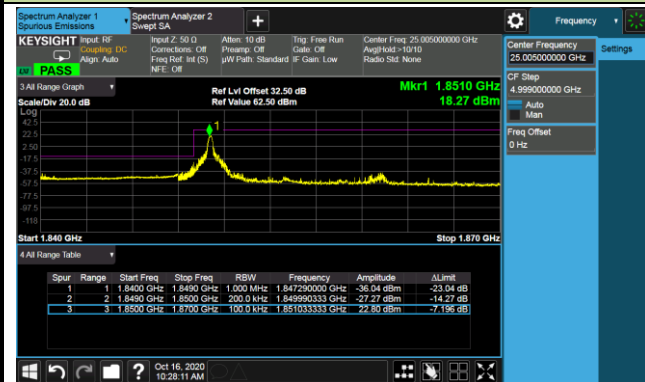


Upper Extended Band Edge

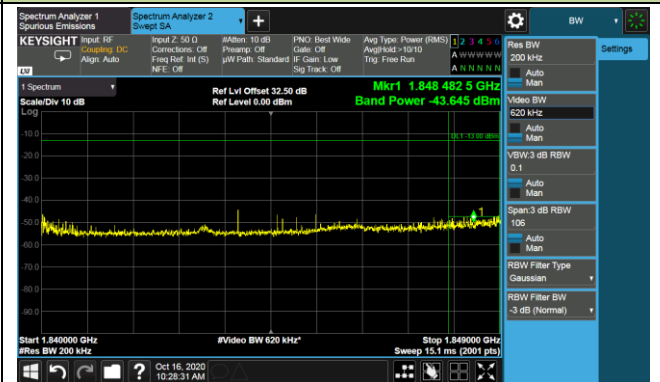


20MHz Channel Bandwidth - 1RB

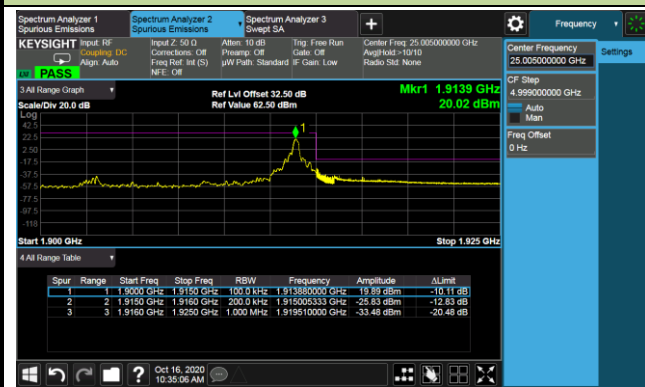
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge

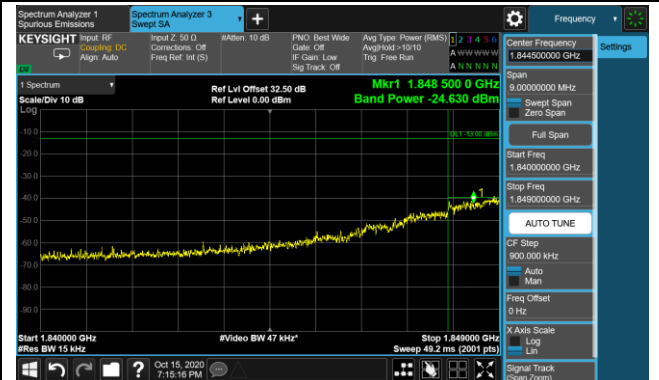


1.4MHz Channel Bandwidth - Full RB

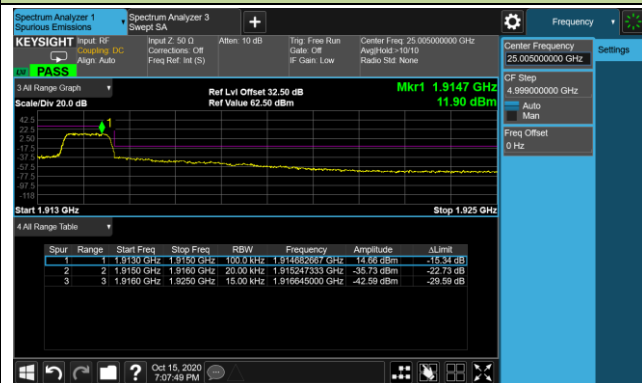
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

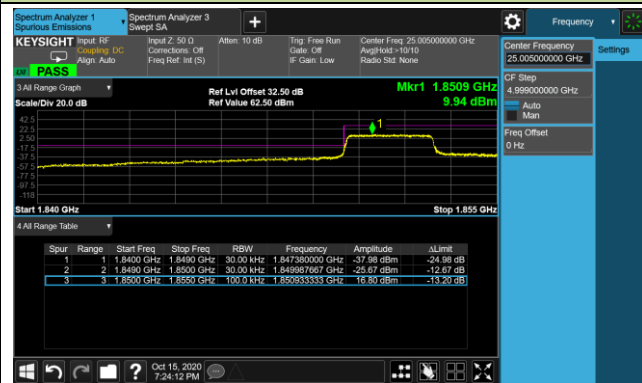


Upper Extended Band Edge

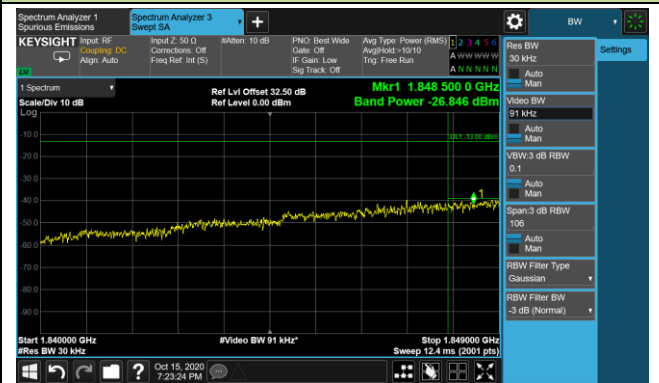


3MHz Channel Bandwidth - Full RB

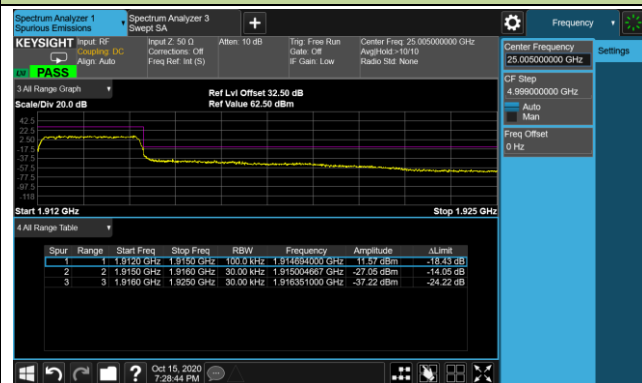
Lower Band Edge



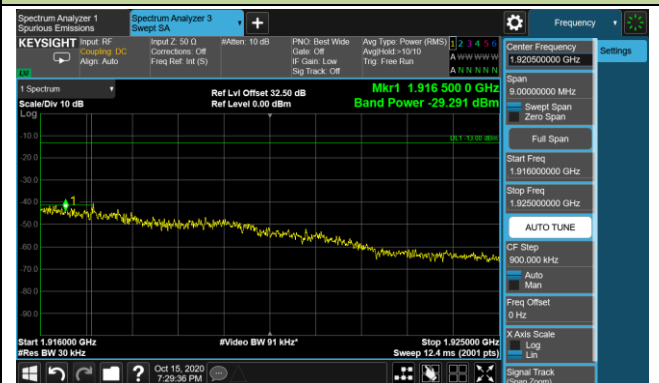
Lower Extended Band Edge



Upper Band Edge

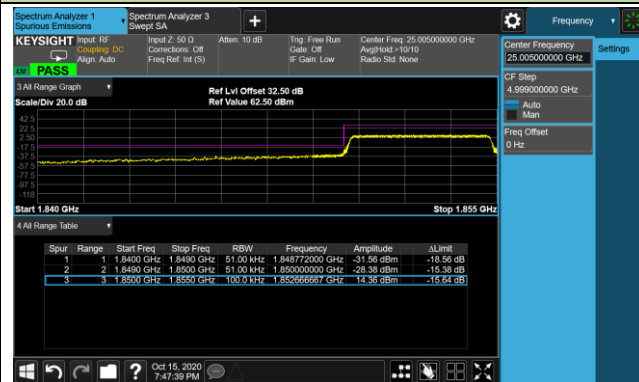


Upper Extended Band Edge

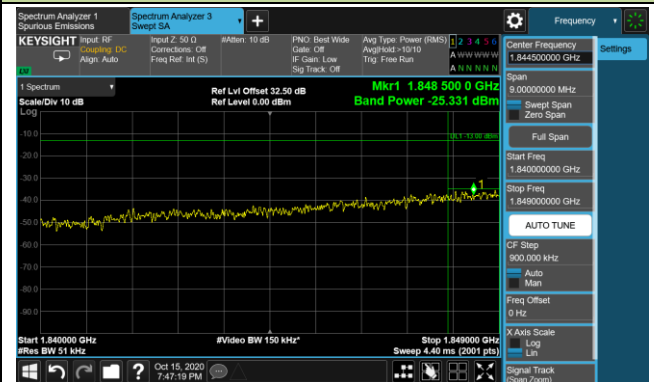


5MHz Channel Bandwidth - Full RB

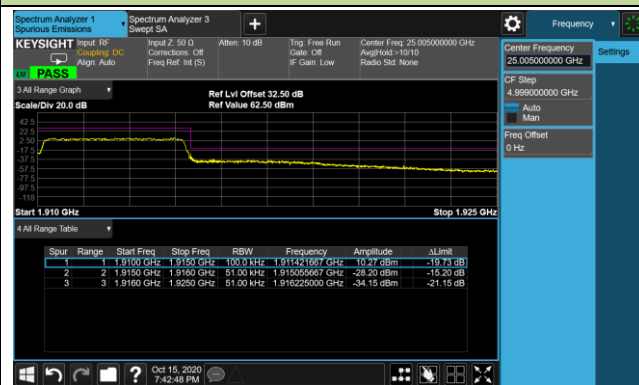
Lower Band Edge



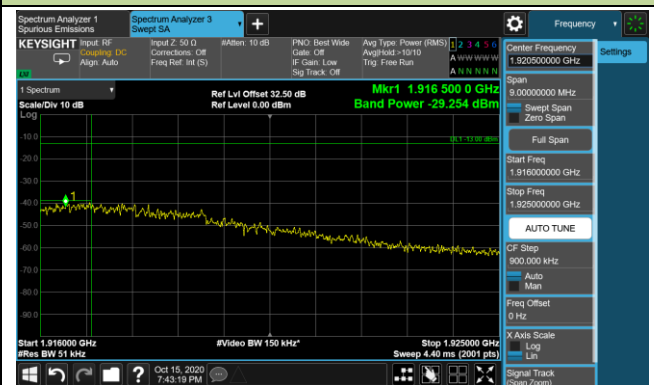
Lower Extended Band Edge



Upper Band Edge

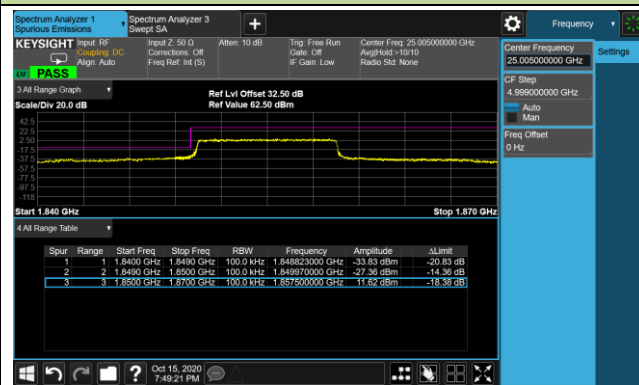


Upper Extended Band Edge

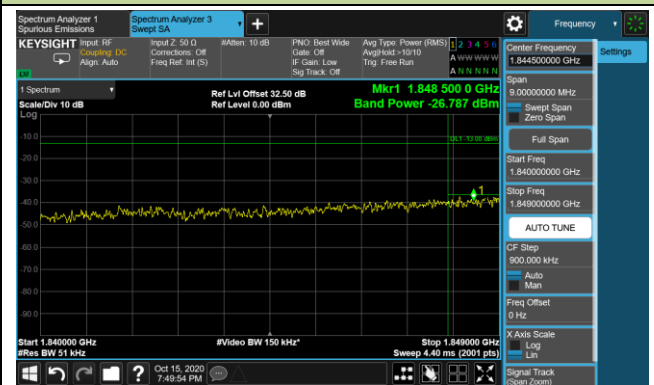


10MHz Channel Bandwidth - Full RB

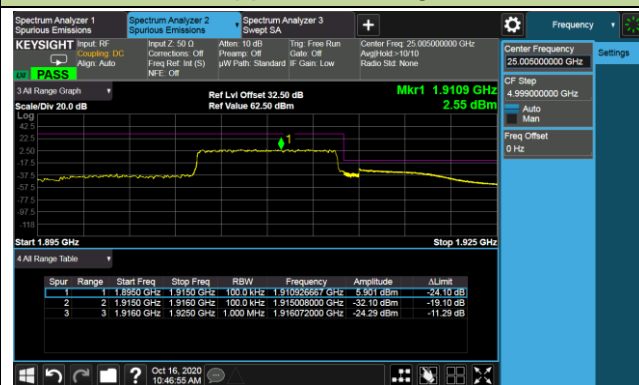
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

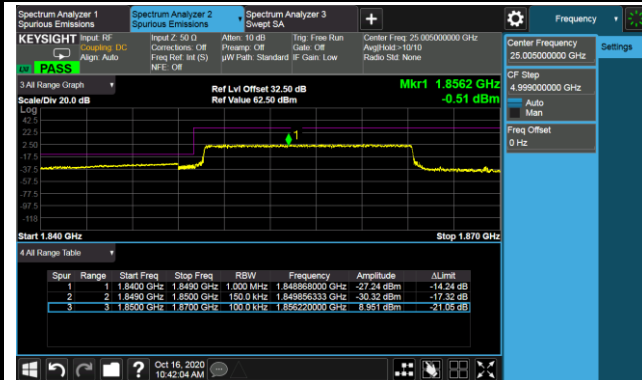


Upper Extended Band Edge

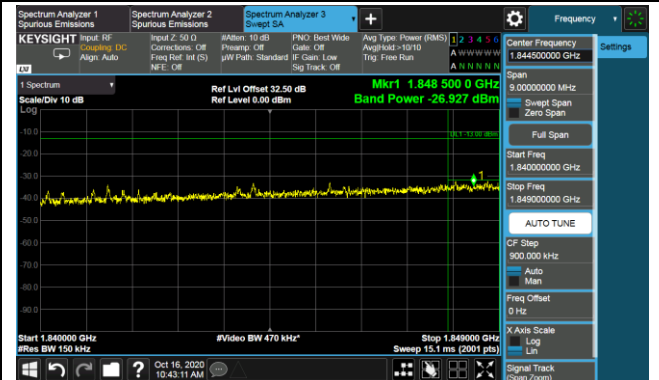


15MHz Channel Bandwidth - Full RB

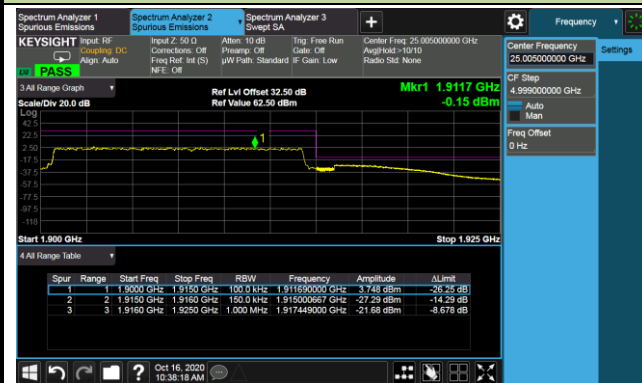
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

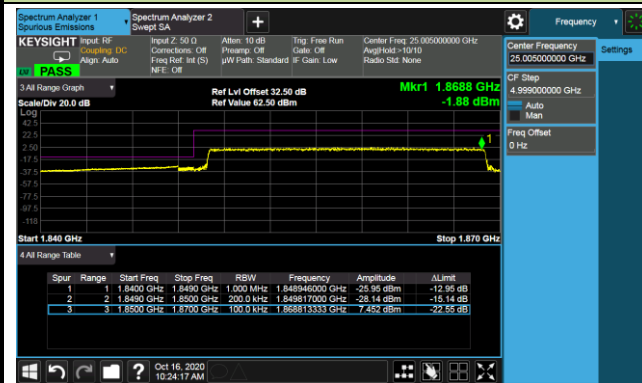


Upper Extended Band Edge

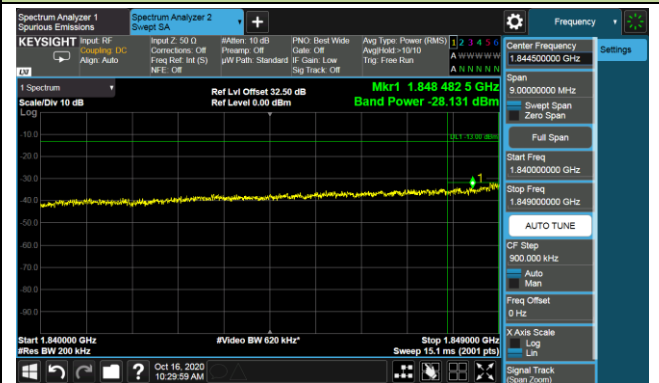


20MHz Channel Bandwidth - Full RB

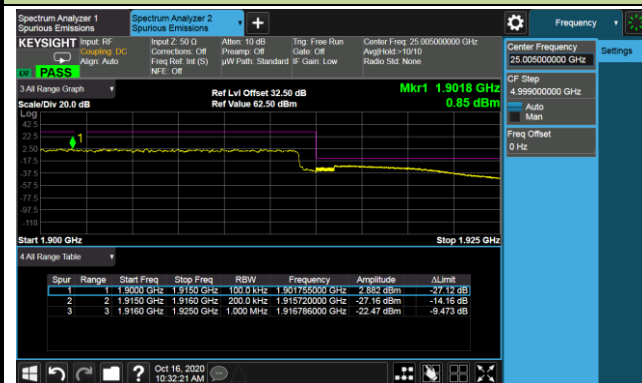
Lower Band Edge



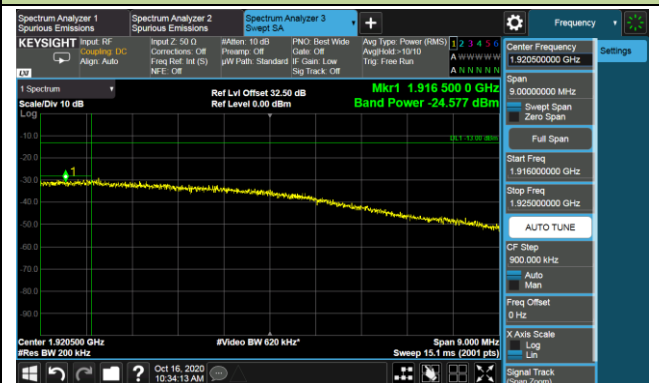
Lower Extended Band Edge



Upper Band Edge



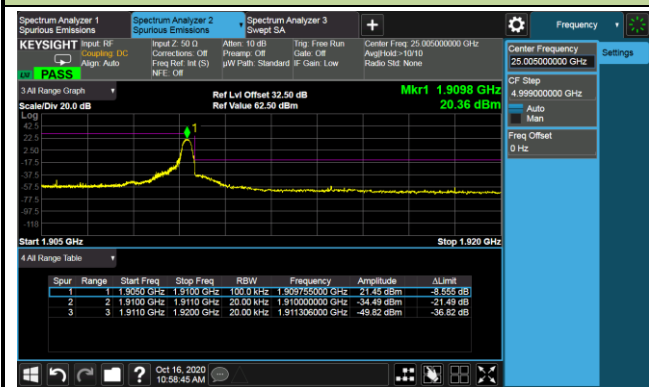
Upper Extended Band Edge



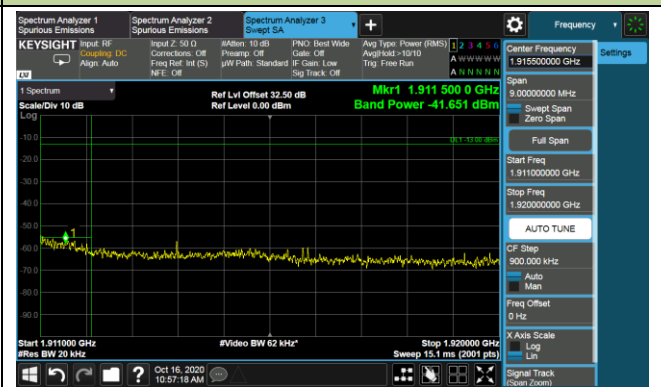
Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/16
Test Band	LTE Band 2	Test Result	Pass

1.4MHz Channel Bandwidth - 1RB

Upper Band Edge

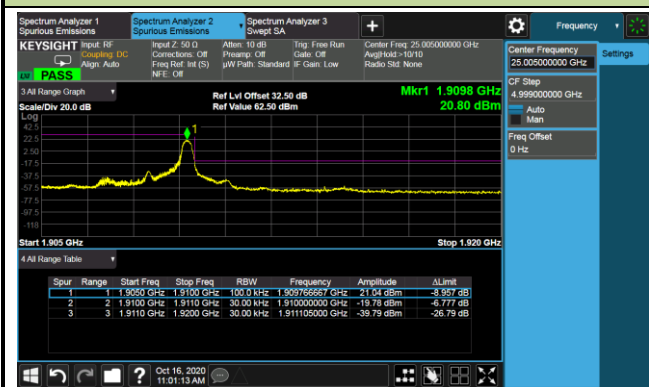


Upper Extended Band Edge

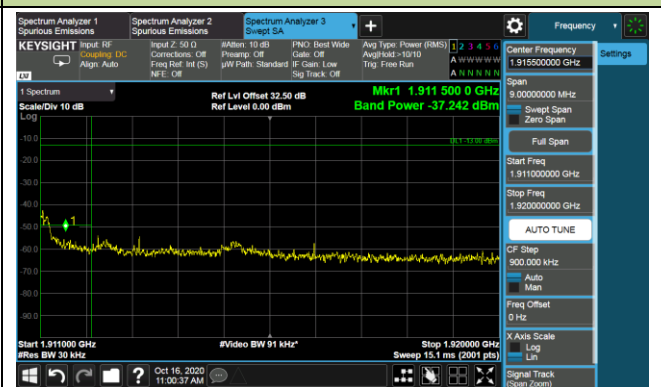


3MHz Channel Bandwidth - 1RB

Upper Band Edge

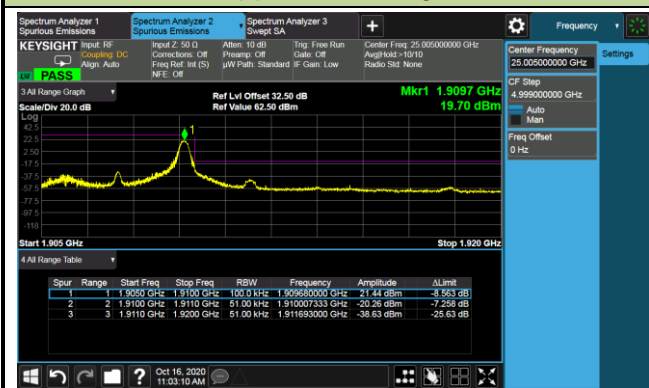


Upper Extended Band Edge

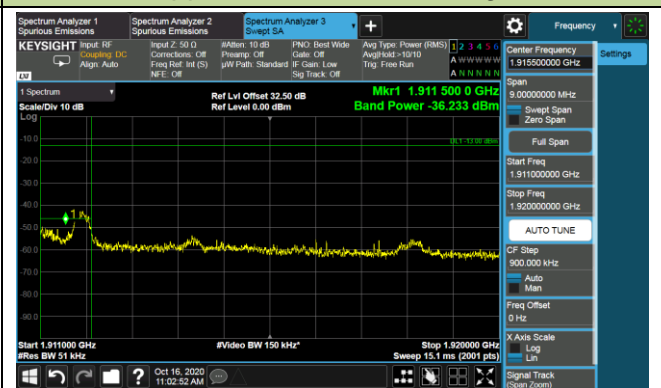


5MHz Channel Bandwidth - 1RB

Upper Band Edge

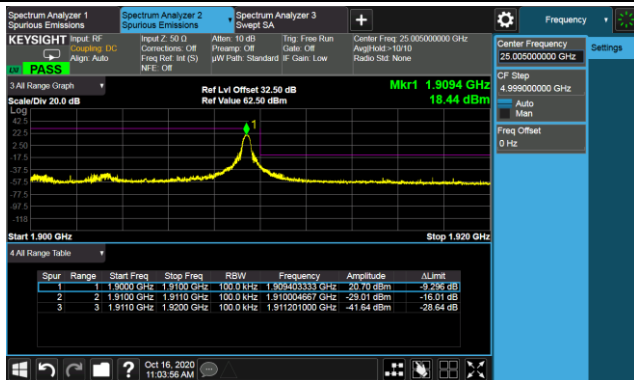


Upper Extended Band Edge



10MHz Channel Bandwidth - 1RB

Upper Band Edge

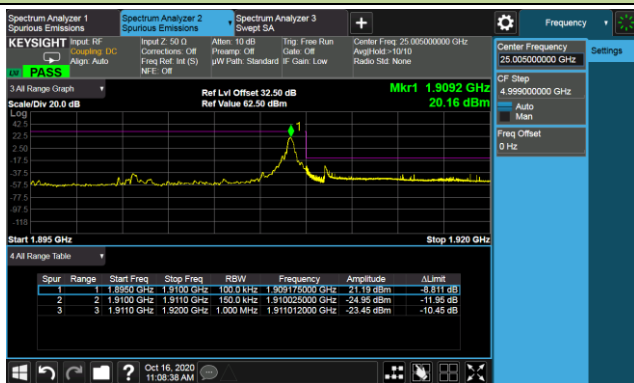


Upper Extended Band Edge

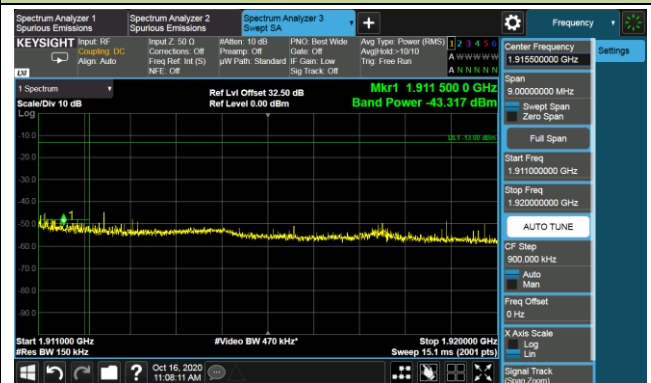


15MHz Channel Bandwidth - 1RB

Upper Band Edge

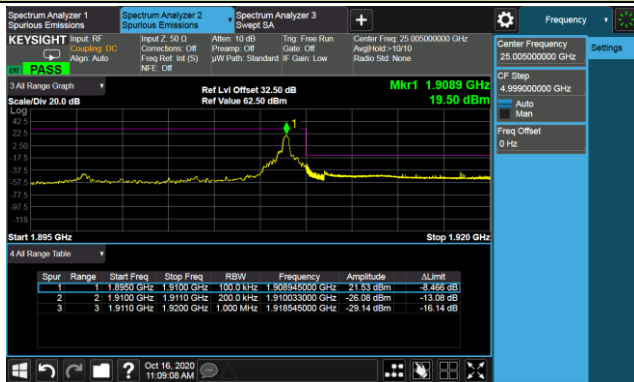


Upper Extended Band Edge

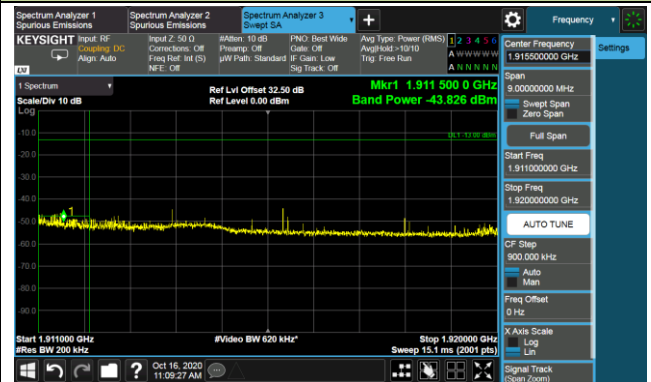


20MHz Channel Bandwidth - 1RB

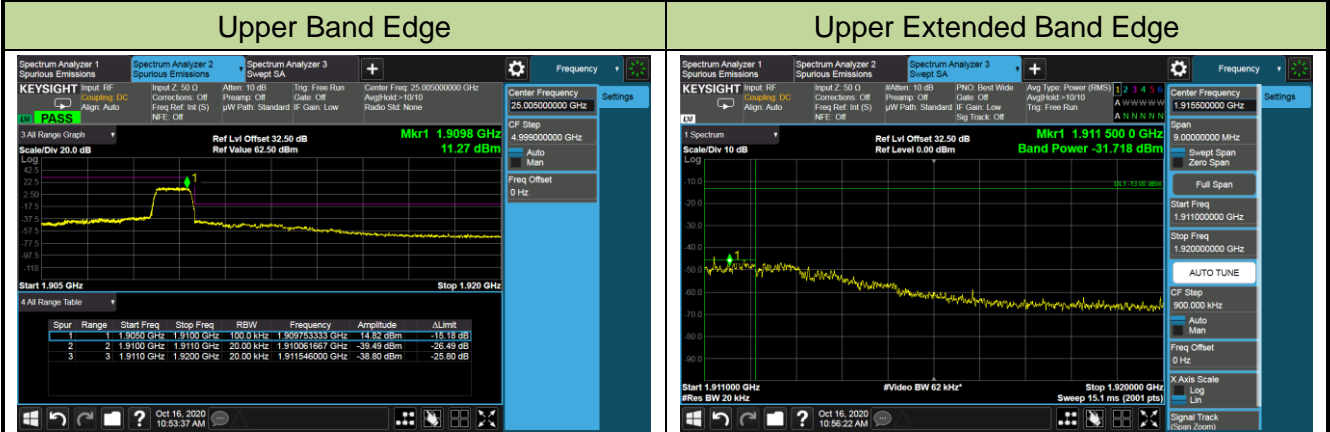
Upper Band Edge



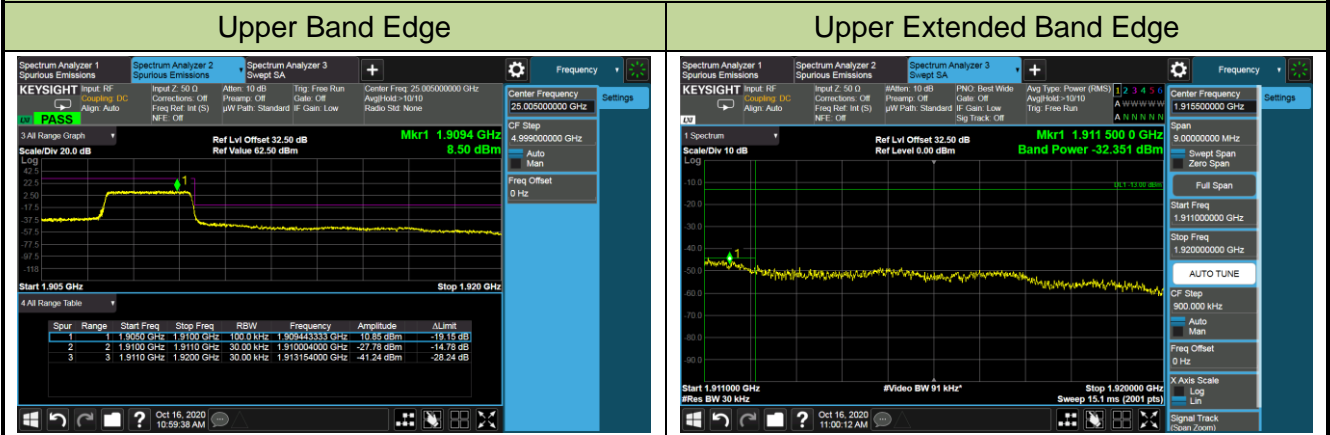
Upper Extended Band Edge



1.4MHz Channel Bandwidth - Full RB



3MHz Channel Bandwidth - Full RB



5MHz Channel Bandwidth - Full RB

