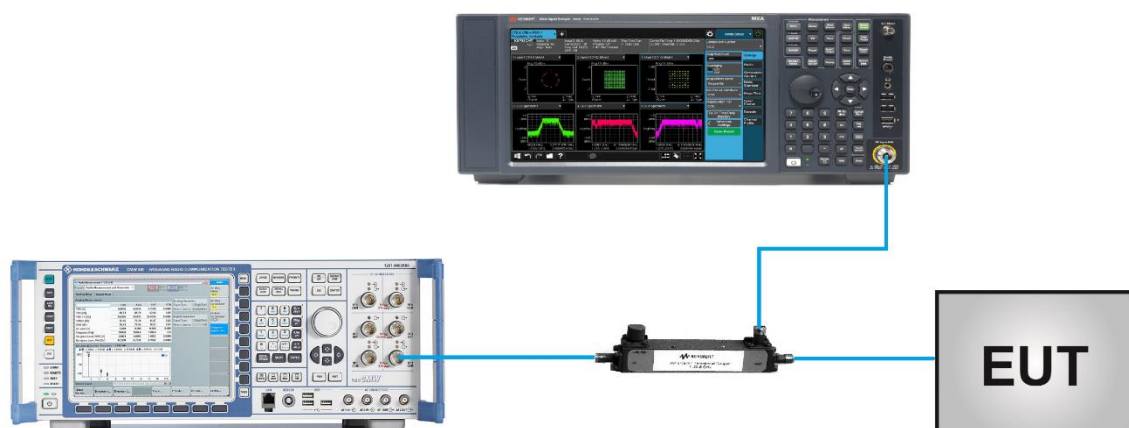


5.5.3.Test Setting

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. $VBW \geq 3 \cdot RBW$
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	LTE-A Cat 16 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/07/01	Test Site	SR6
Test Band	Band 2/25	Test Result	Pass

1.4MHz Channel Bandwidth - 1RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

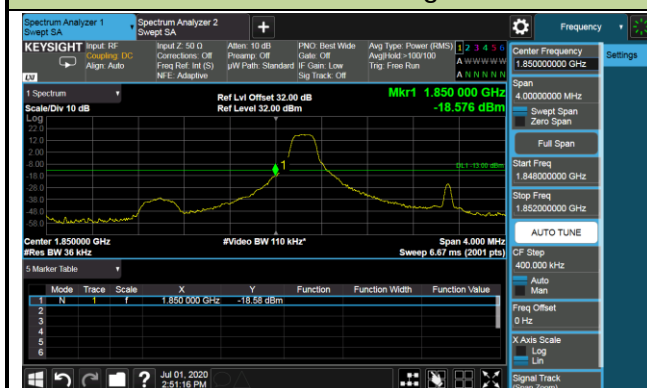


Upper Extended Band Edge



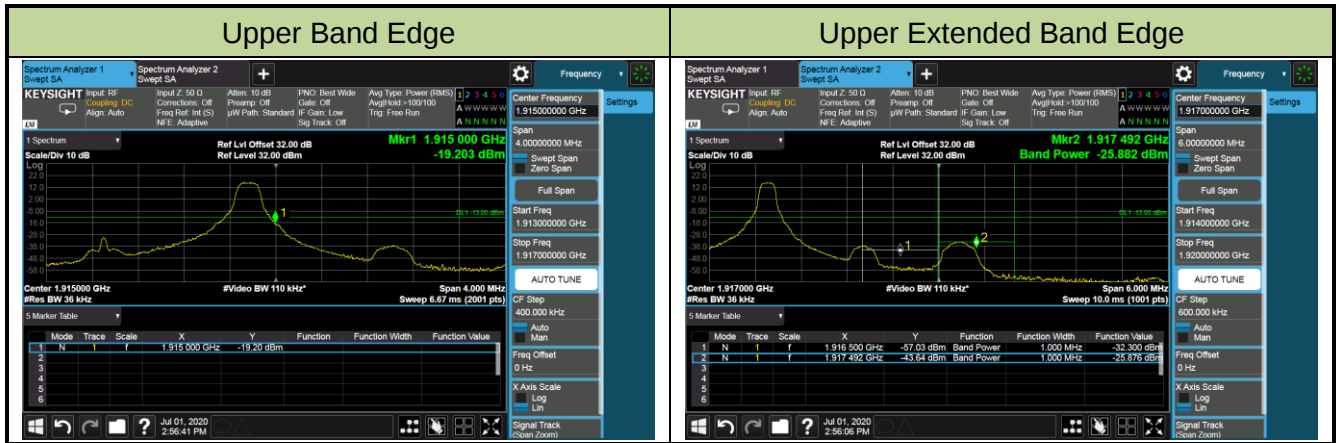
3MHz Channel Bandwidth - 1RB

Lower Band Edge



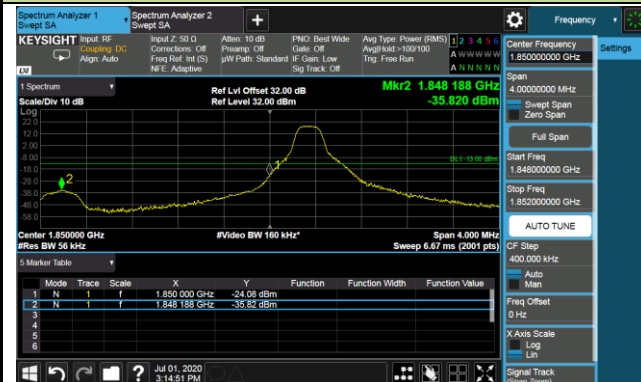
Lower Extended Band Edge



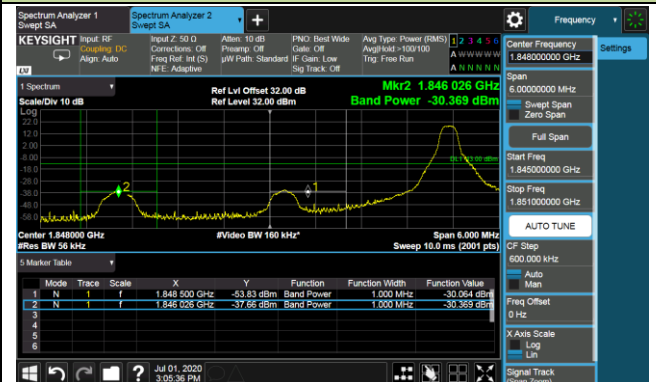


5MHz Channel Bandwidth - 1RB

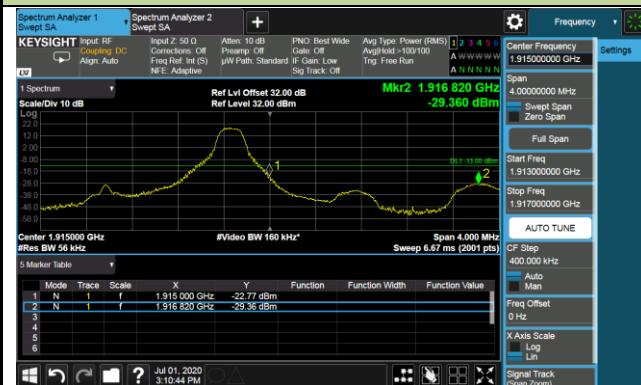
Lower Band Edge



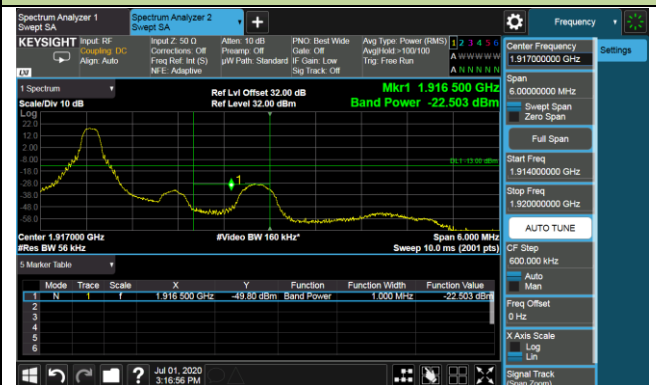
Lower Extended Band Edge



Upper Band Edge

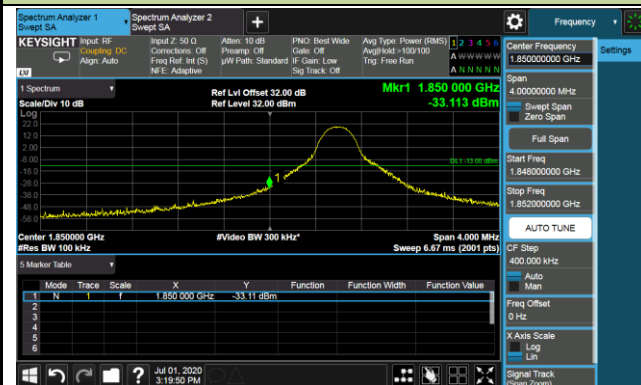


Upper Extended Band Edge

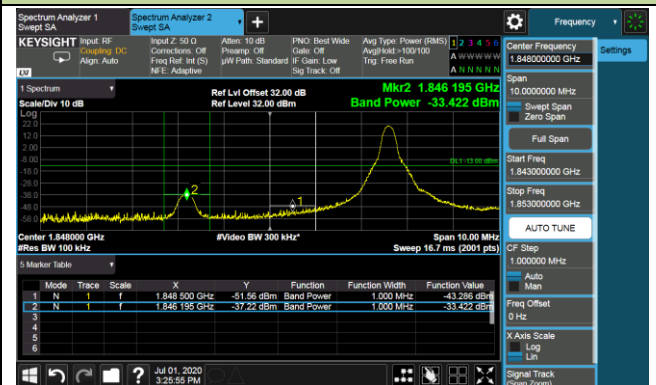


10MHz Channel Bandwidth - 1RB

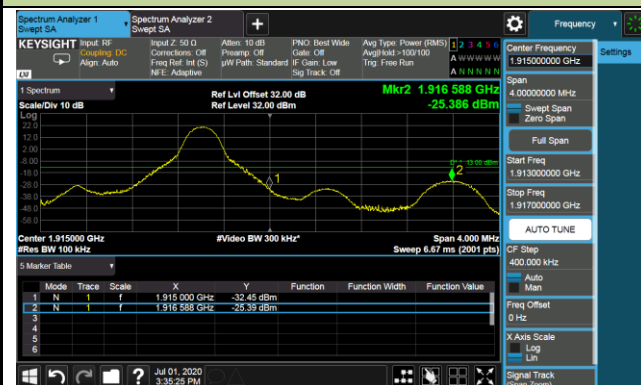
Lower Band Edge



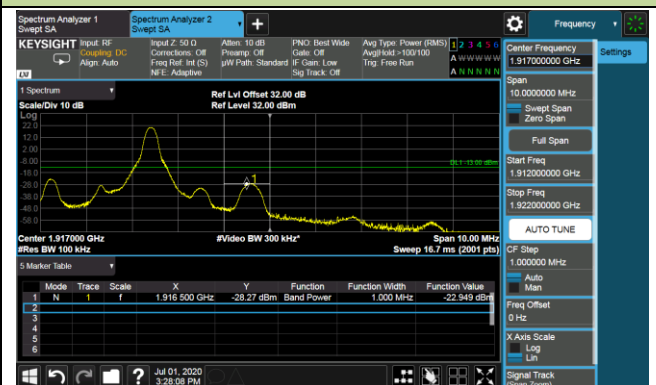
Lower Extended Band Edge



Upper Band Edge

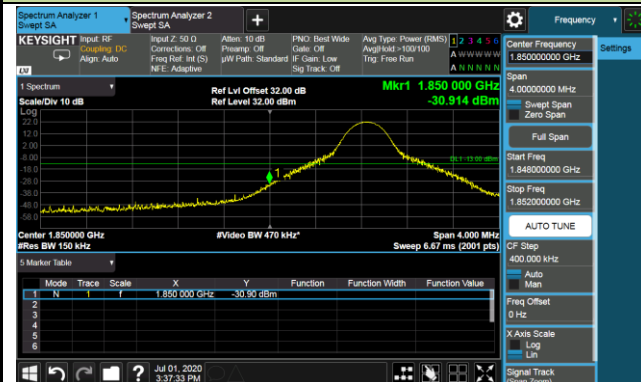


Upper Extended Band Edge

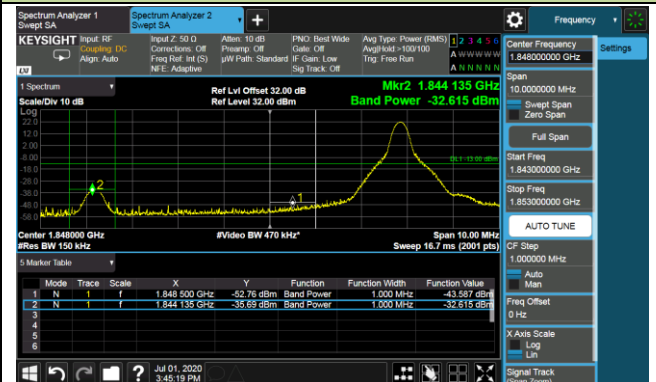


15MHz Channel Bandwidth - 1RB

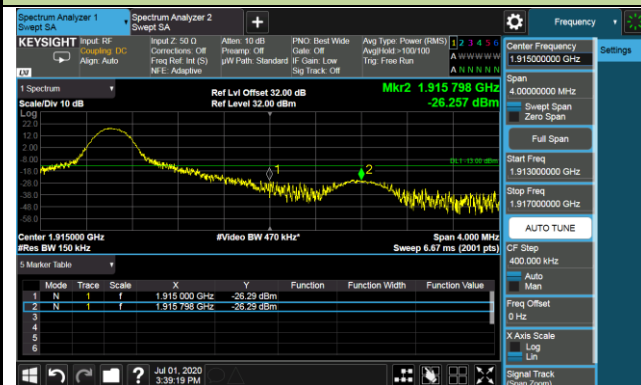
Lower Band Edge



Lower Extended Band Edge



Upper Band Edge

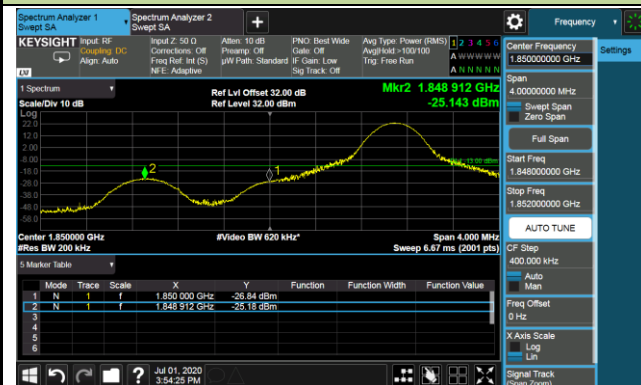


Upper Extended Band Edge

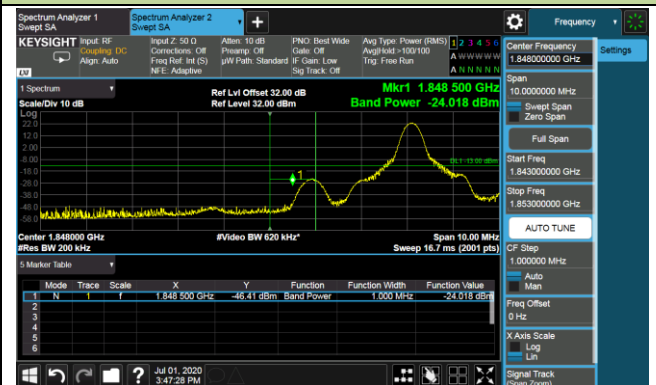


20MHz Channel Bandwidth - 1RB

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

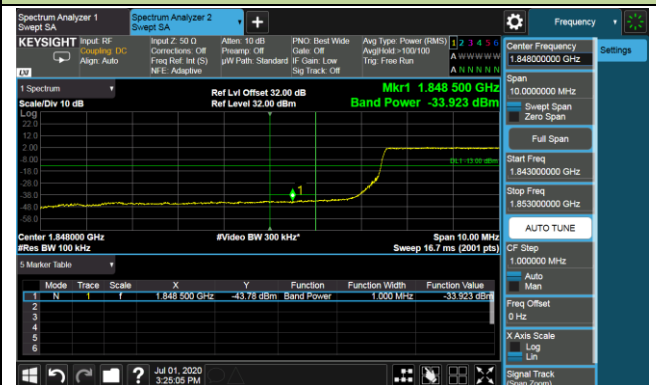


10MHz Channel Bandwidth - Full RB

Lower Band Edge



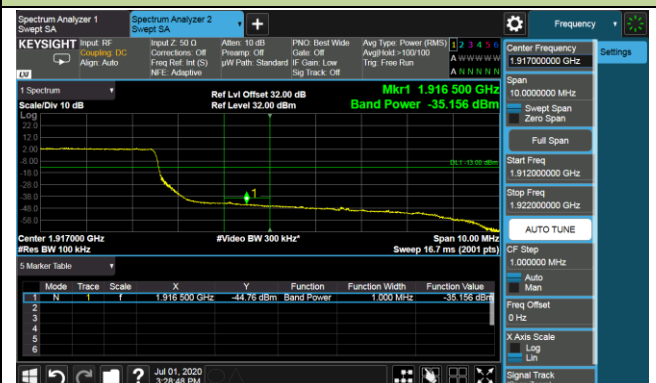
Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge

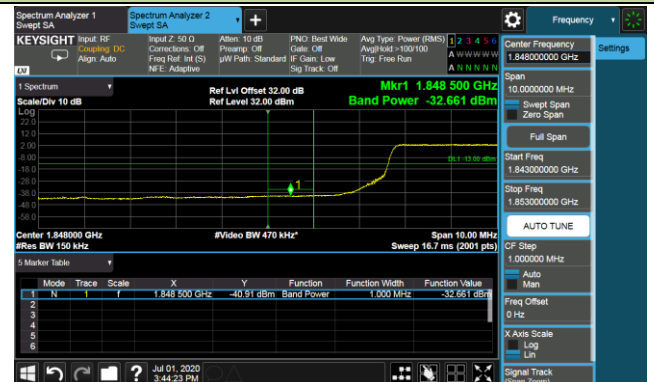


15MHz Channel Bandwidth - Full RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge

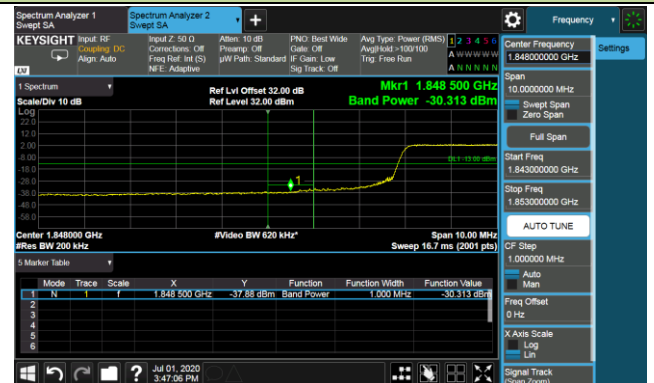


20MHz Channel Bandwidth - Full RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge



Product	LTE-A Cat 16 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/07/01	Test Site	SR6
Test Band	Band 2	Test Result	Pass

1.4MHz Channel Bandwidth - 1RB

Upper Band Edge

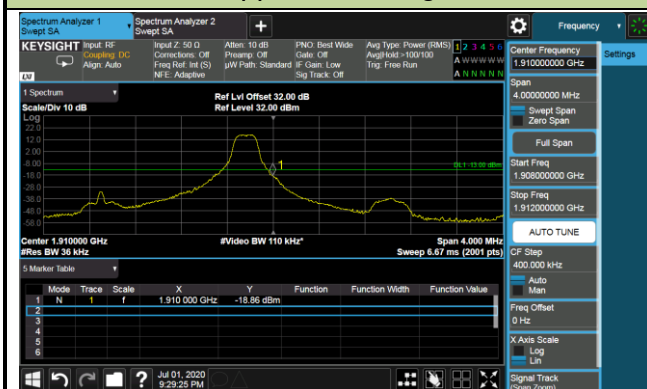


Upper Extended Band Edge



3MHz Channel Bandwidth - 1RB

Upper Band Edge

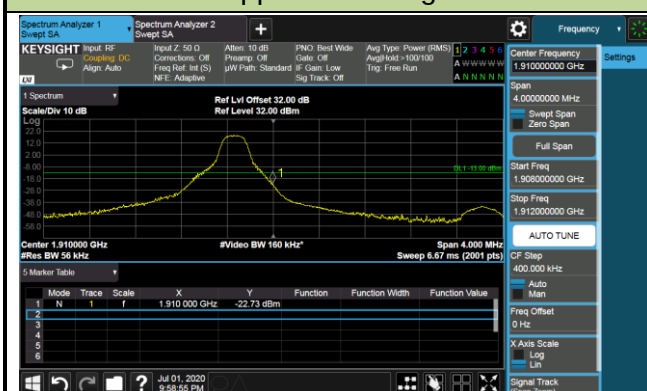


Upper Extended Band Edge



5MHz Channel Bandwidth - 1RB

Upper Band Edge



Upper Extended Band Edge

