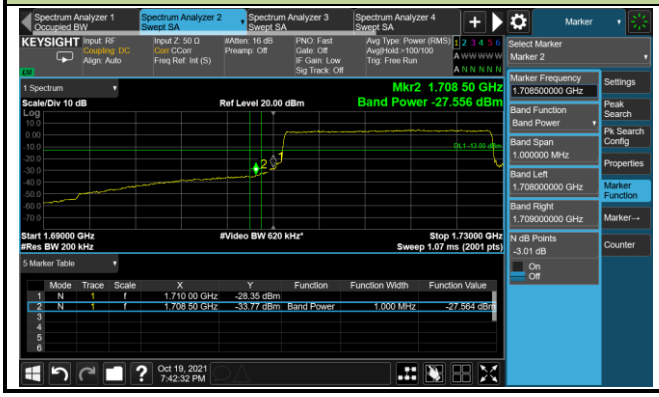
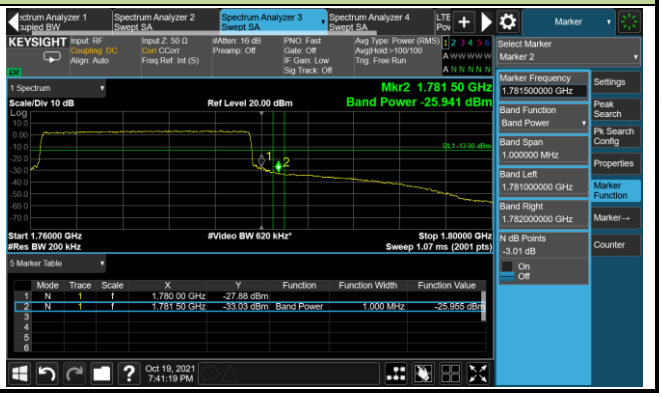
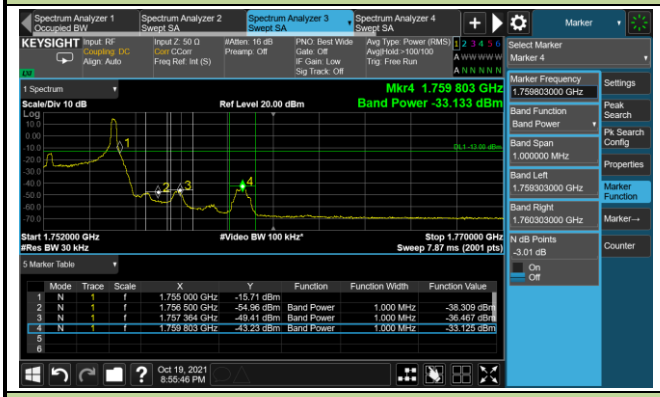
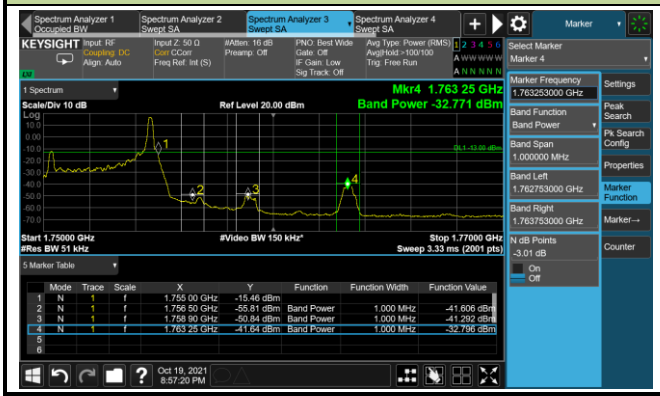
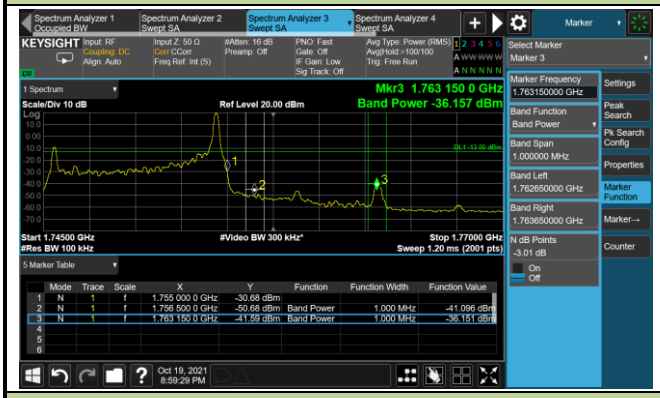
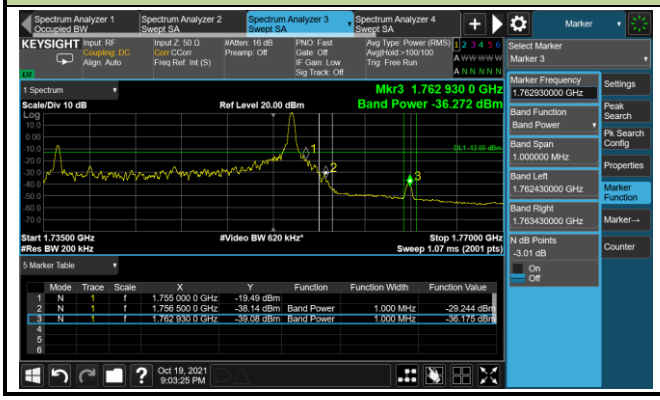
10MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	
15MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	
20MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	

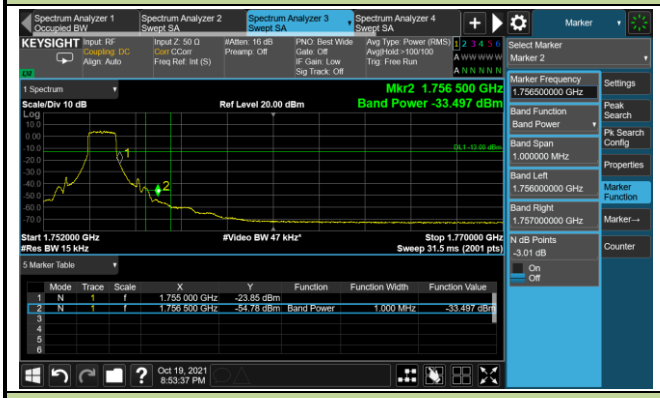
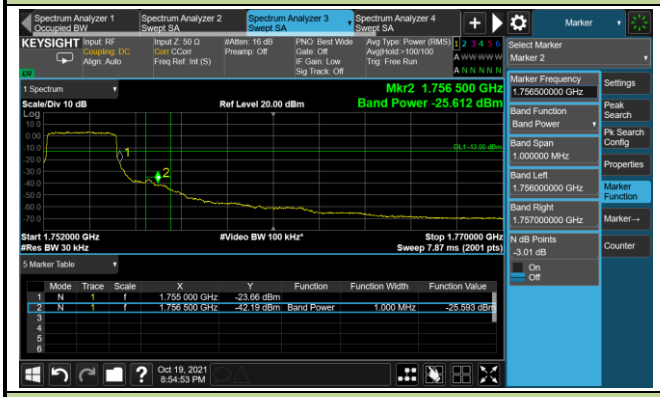
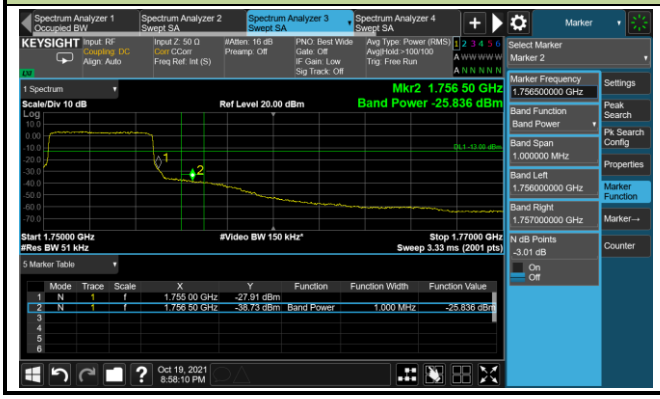
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/19 ~ 2021/11/01
Test Band	LTE Band 4	Test Result	Pass

1.4MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	
3MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	
5MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	

10MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	

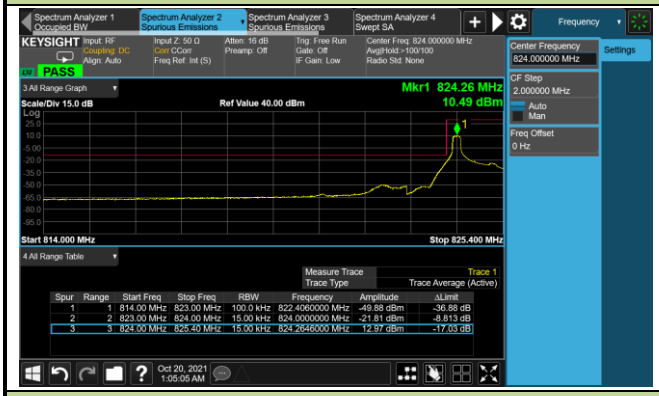
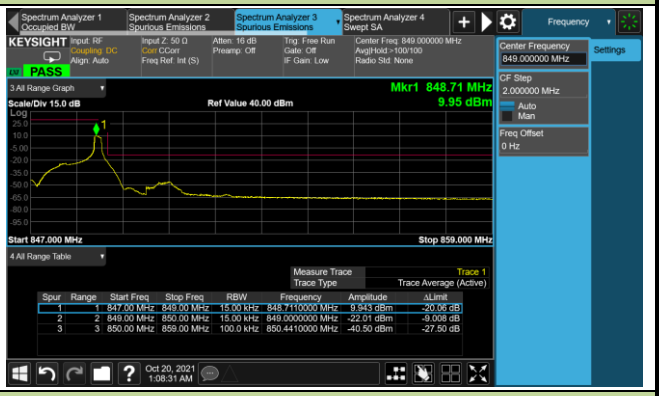
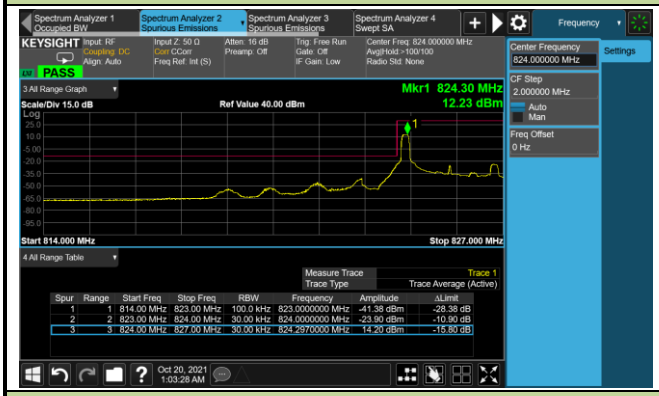
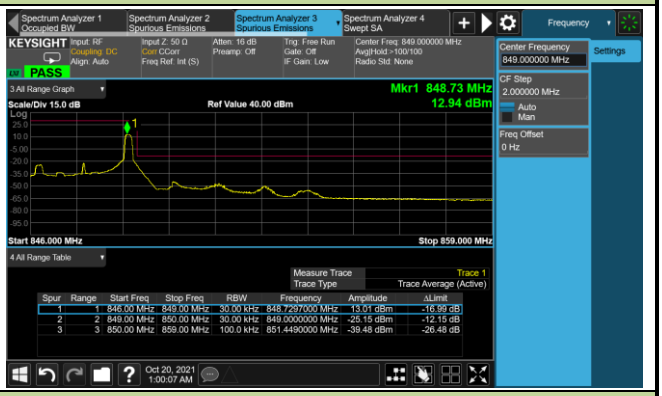
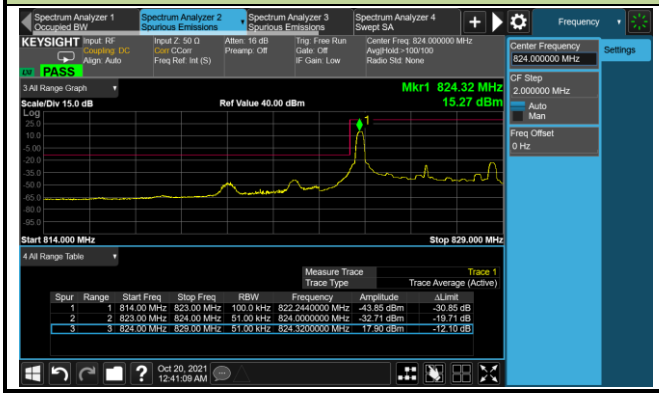
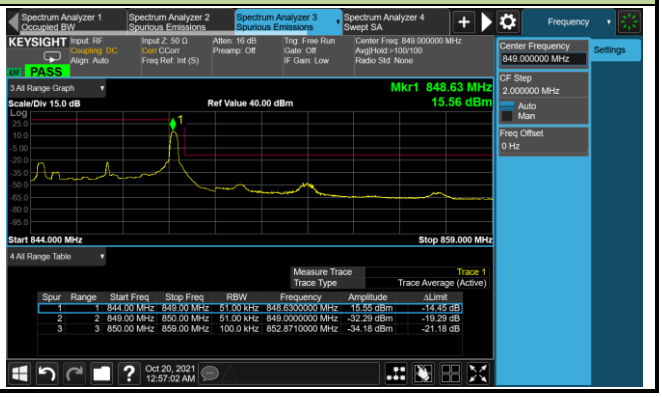
15MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	

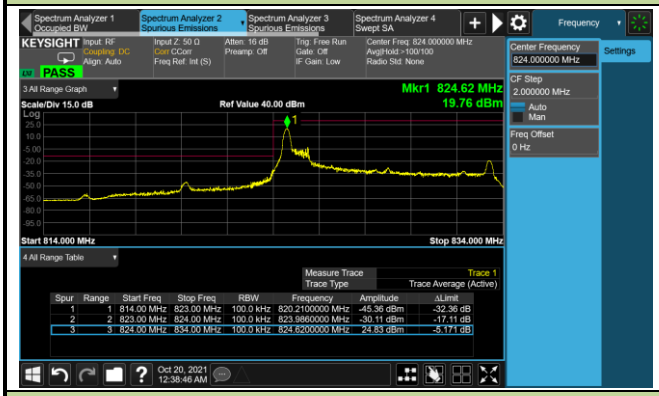
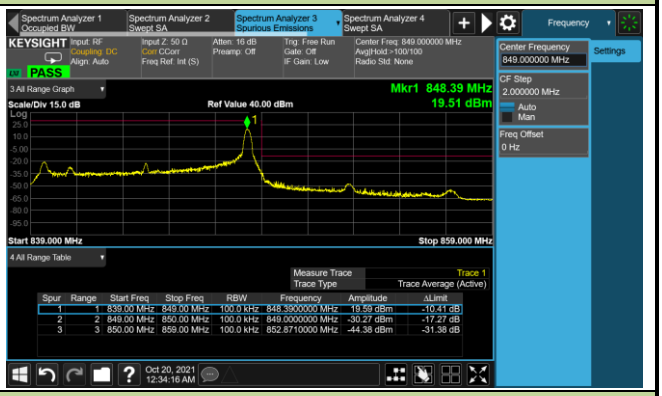
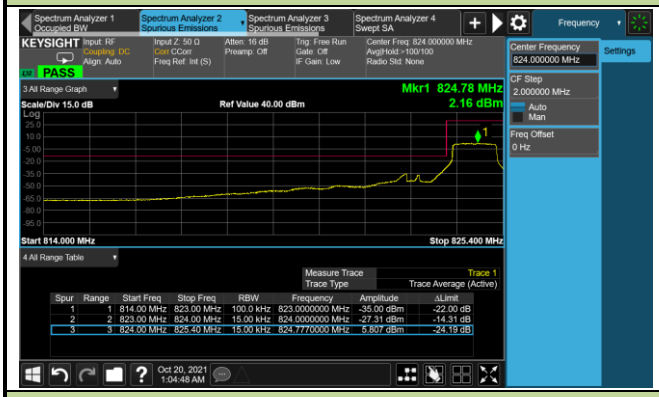
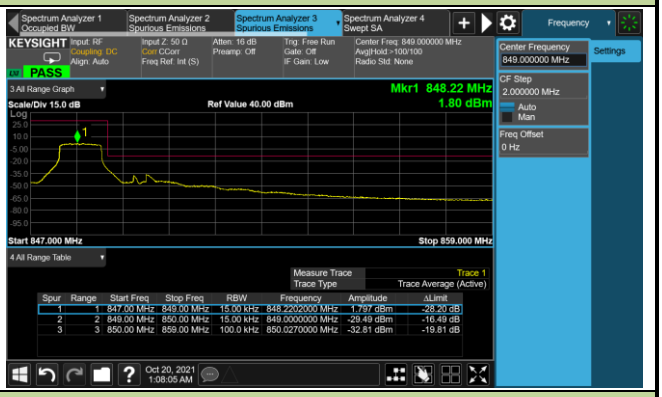
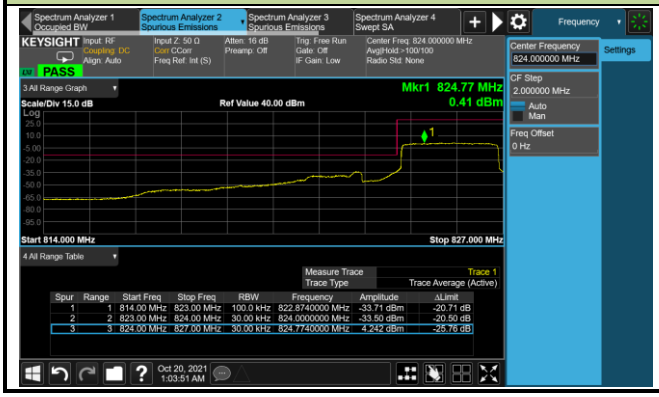
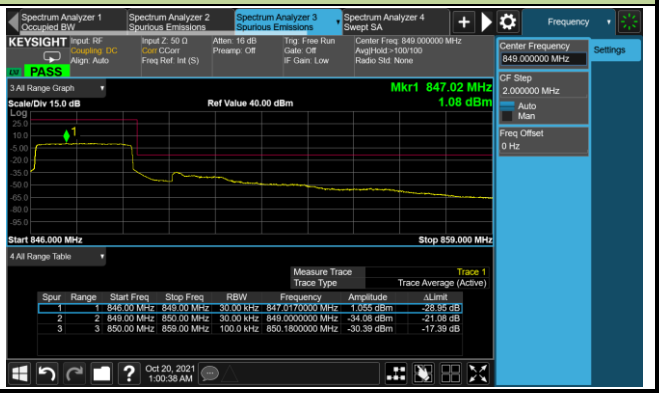
20MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	

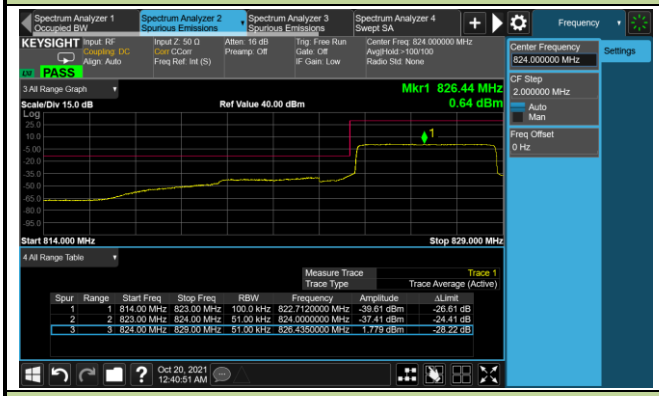
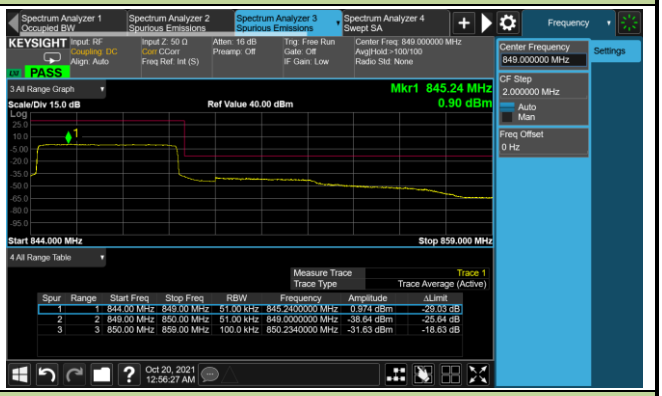
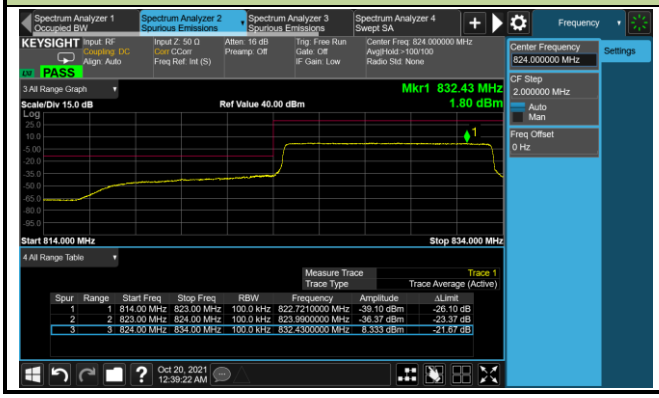
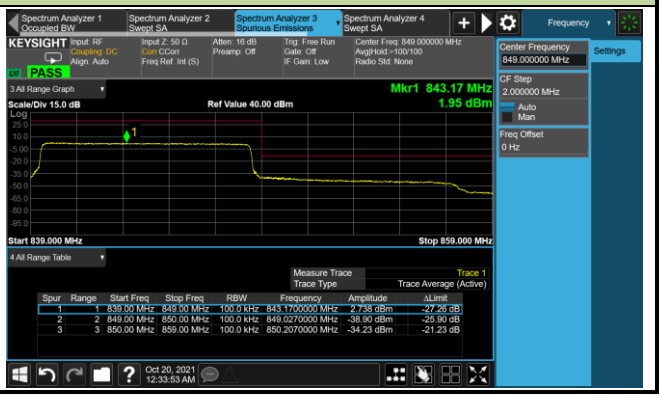
1.4MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
3MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
5MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	

10MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
15MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
20MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	

Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/20
Test Band	LTE Band 5	Test Result	Pass

1.4MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	
3MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	
5MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	

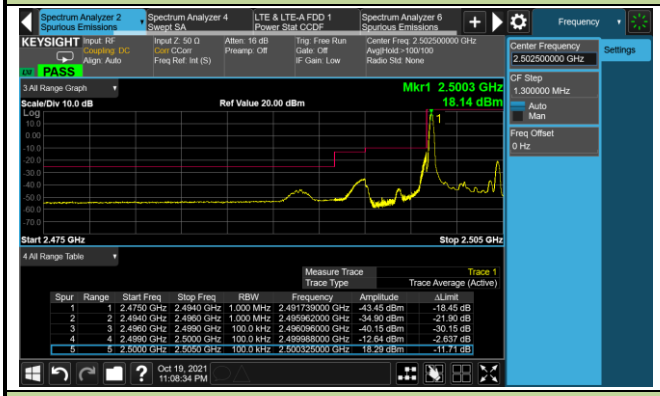
10MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	
1.4MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	
3MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	

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

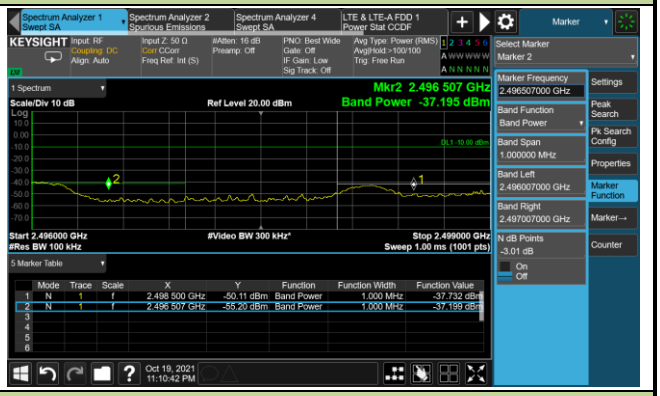
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/19
Test Band	LTE Band 7	Test Result	Pass

5MHz Channel Bandwidth - 1RB

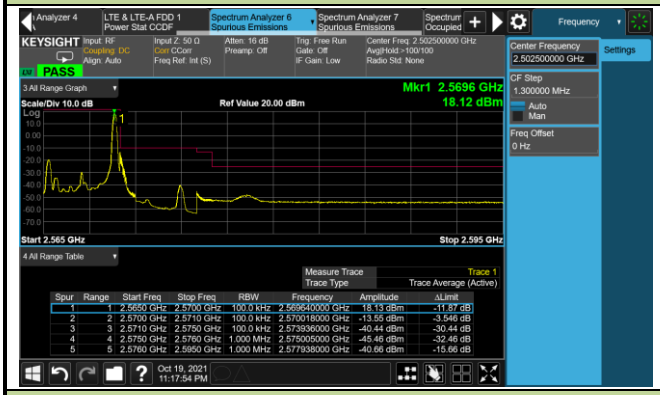
Lower Band Edge



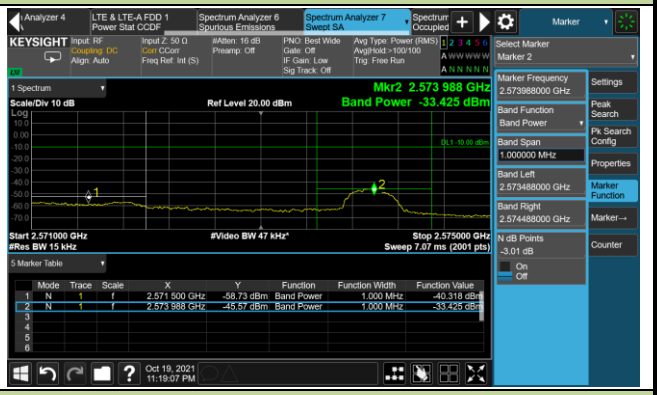
Lower Extended Band Edge



Upper Band Edge

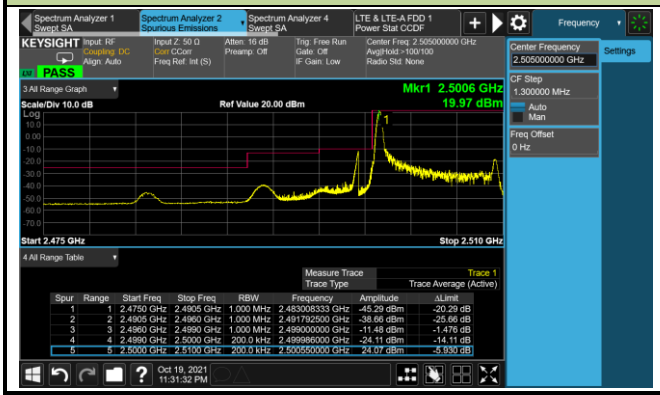


Upper Extended Band Edge

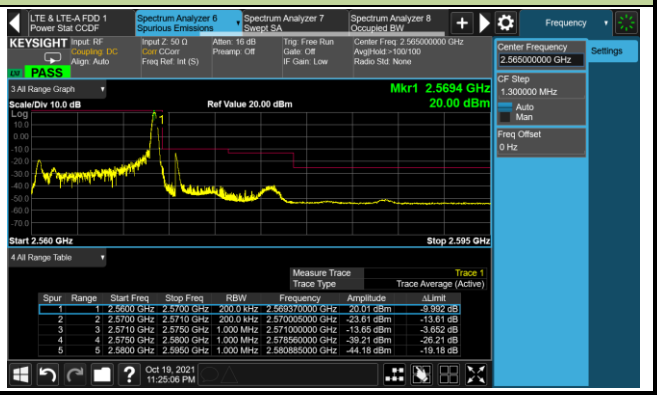


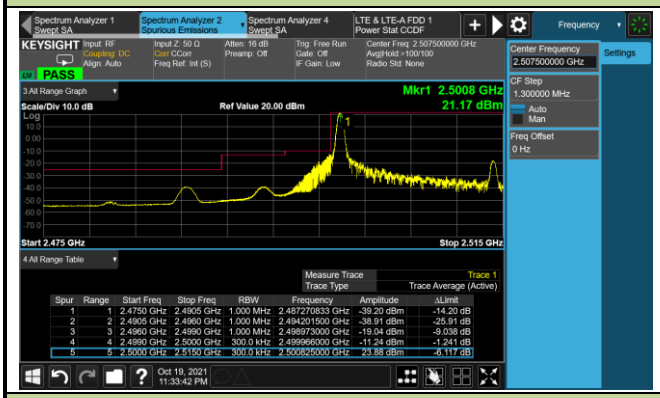
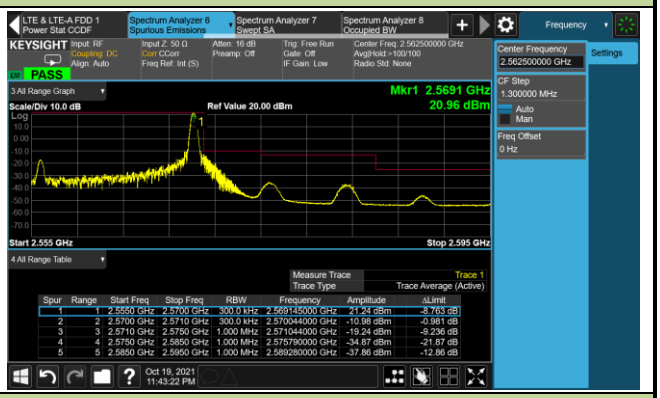
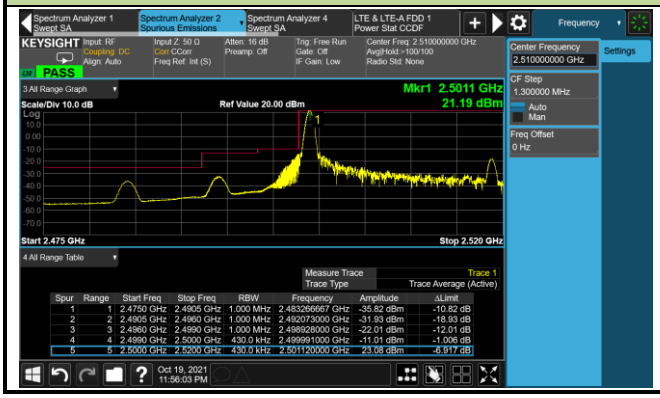
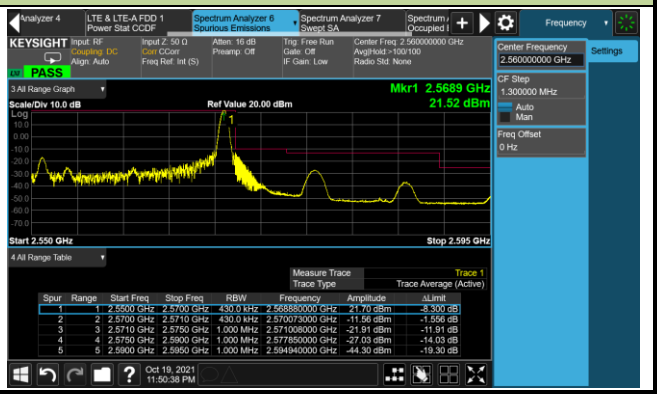
10MHz Channel Bandwidth - 1RB

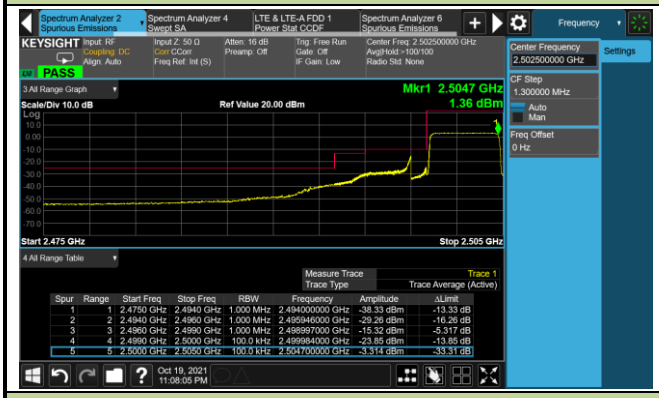
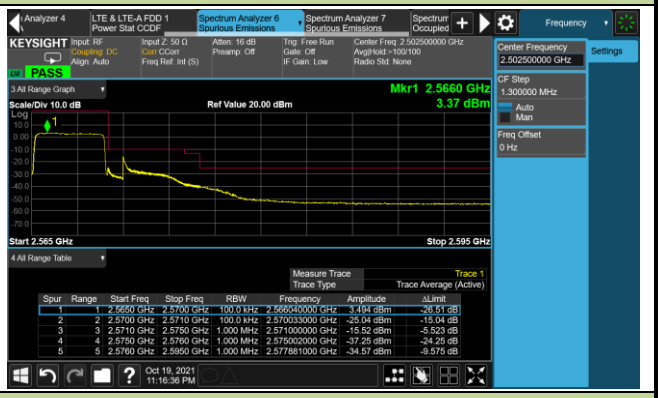
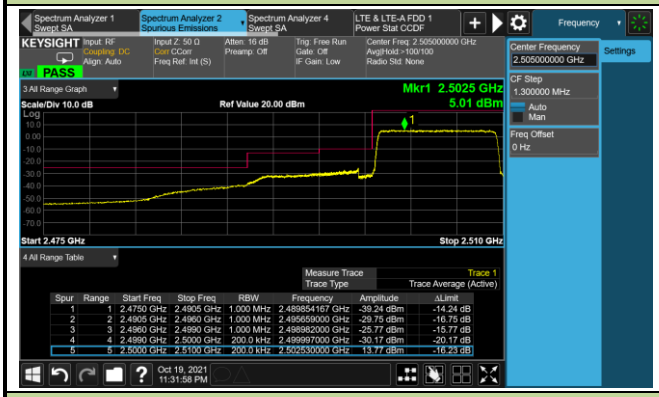
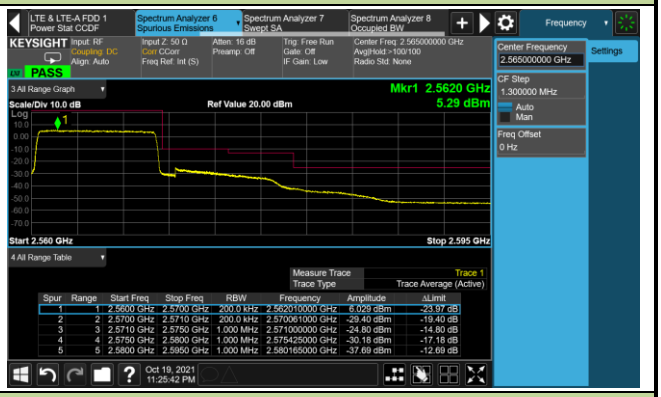
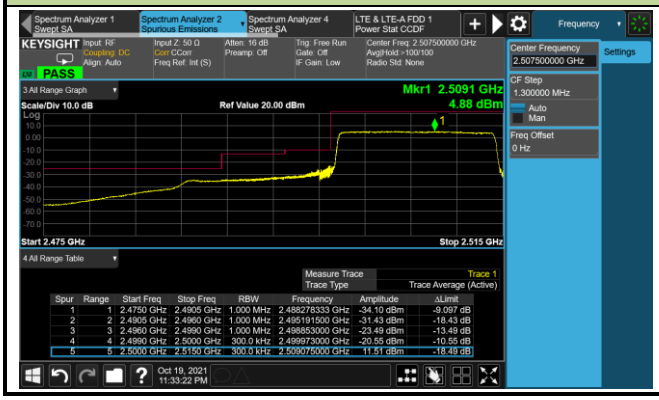
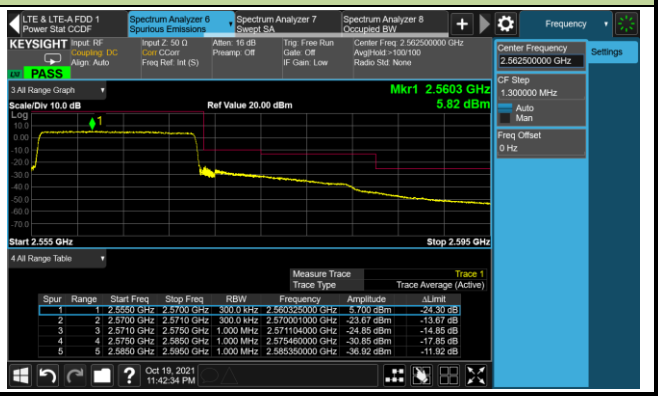
Lower Band Edge

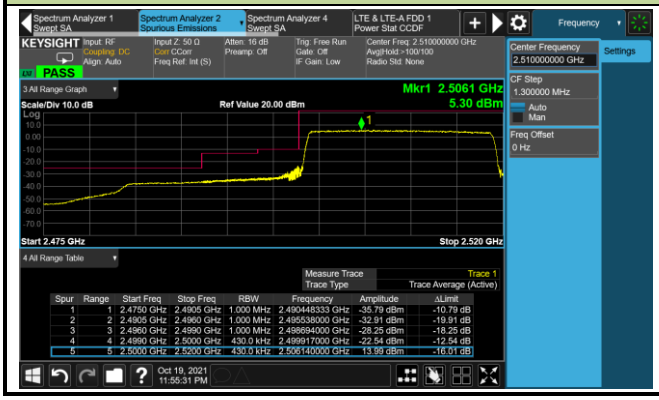
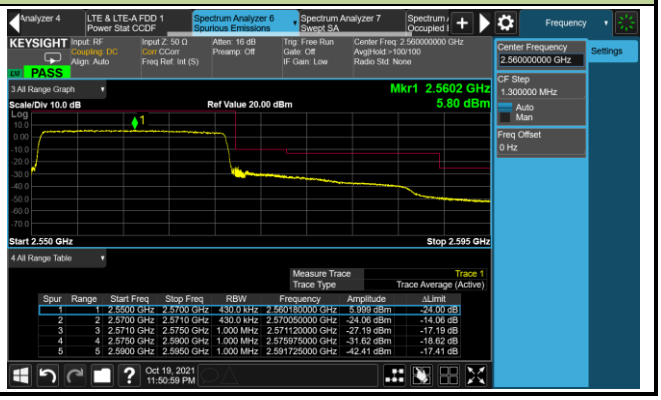


Upper Band Edge



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	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
	

4.6. Peak to Average Ratio

4.6.1.Test Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

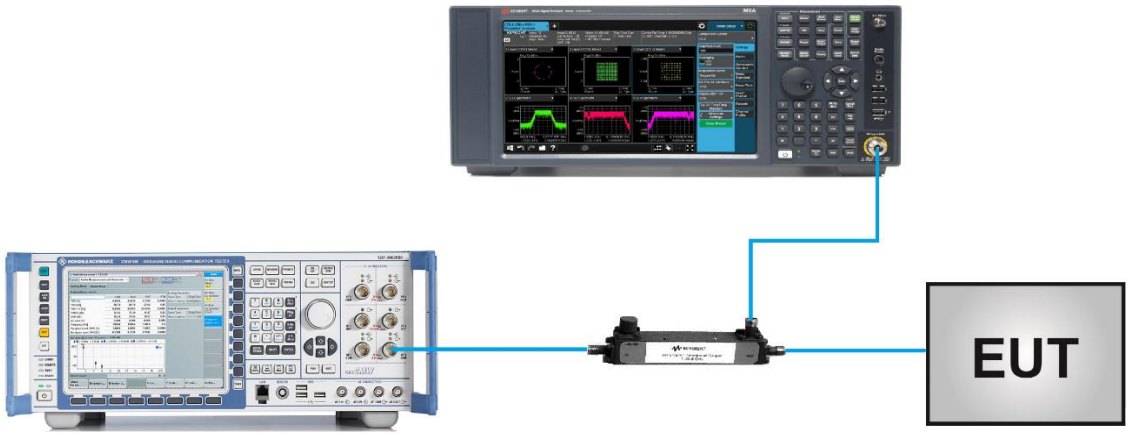
4.6.2.Test Procedure Used

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF).

4.6.3.Test Setting

1. Set the resolution / measurement bandwidth ≥ signal's occupied bandwidth
2. Set the number of counts to a value that stabilizes the measured CCDF curve
3. Record the maximum PARR level associated with a probability of 0.1%

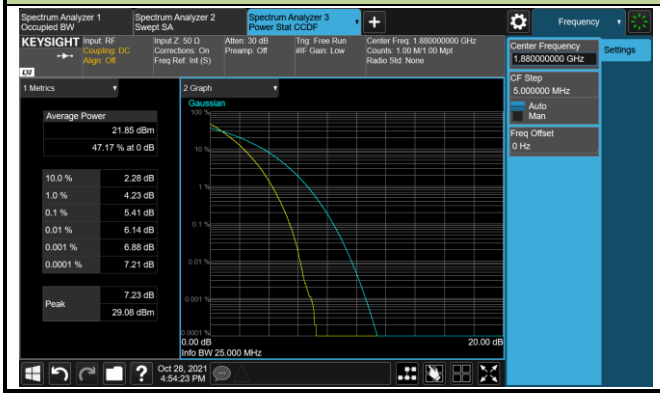
4.6.4.Test Setup



4.6.5.Test Result

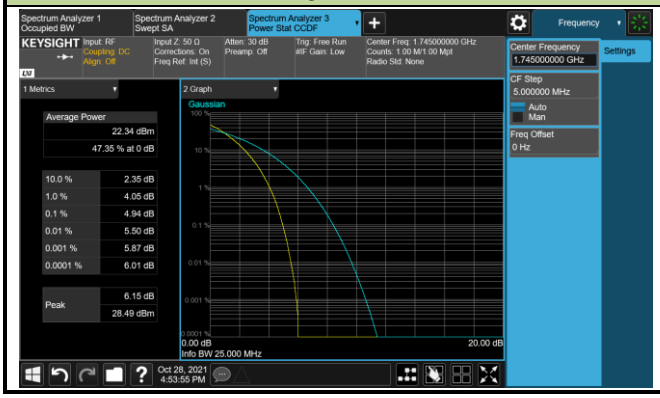
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/28
Test Band	Band 2		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
18900	1880	20	5.41	≤ 13.00	Pass

QPSK	
	

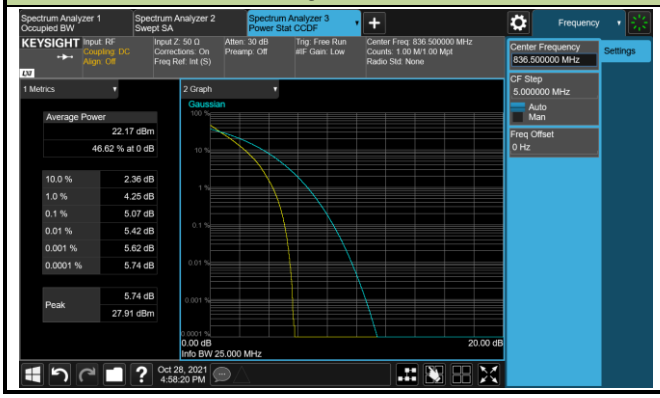
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/28
Test Band	Band 4/66		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
132322	1745.0	20	4.94	≤ 13.00	Pass

QPSK	
	

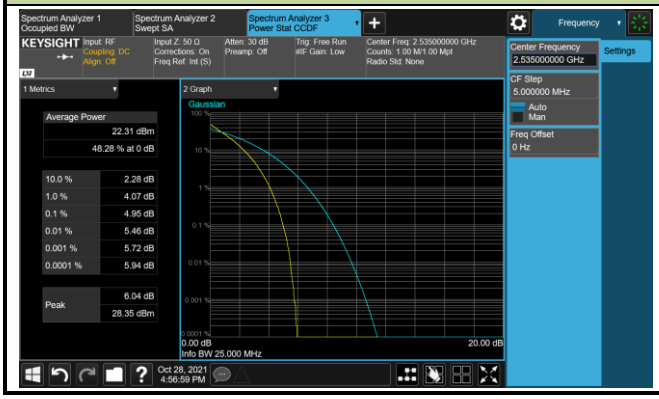
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/28
Test Band	Band 5		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
20525	836.5	10	5.07	≤ 13.00	Pass

QPSK	
	

Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/10/28
Test Band	LTE Band 7		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
21100	2535.0	20	4.95	≤ 13.00	Pass

QPSK	
	

4.7. Conducted Spurious Emissions

4.7.1.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.

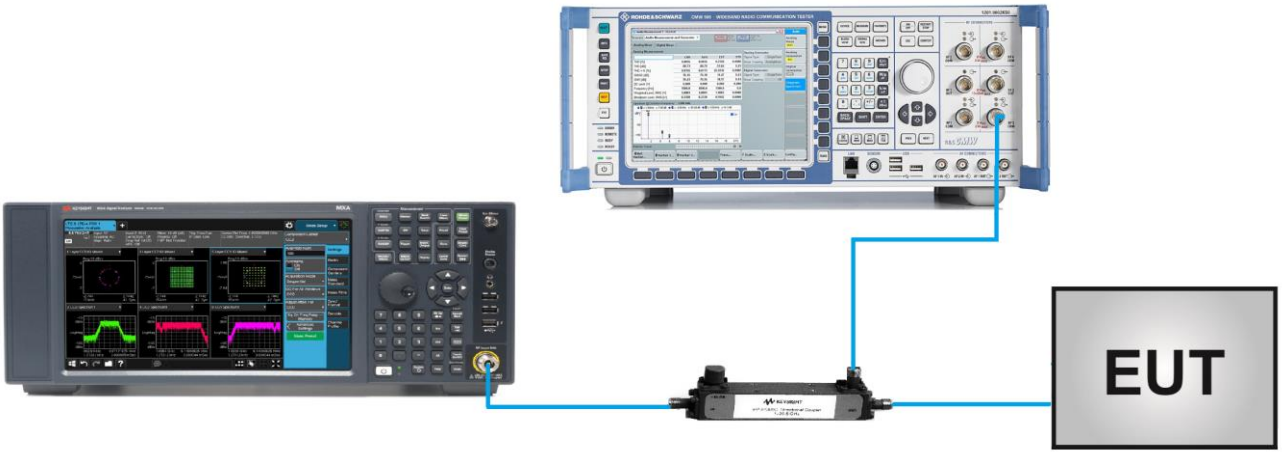
4.7.2.Test Procedure Used

ANSI C63.26-2015 - Section 5.7

4.7.3.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.

4.7.4.Test Setup



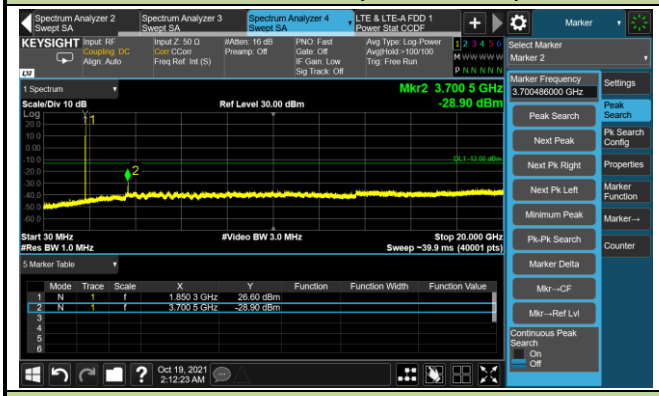
4.7.5.Test Result

Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	20211/10/19
Test Band	LTE Band 2, 1RB, QPSK		

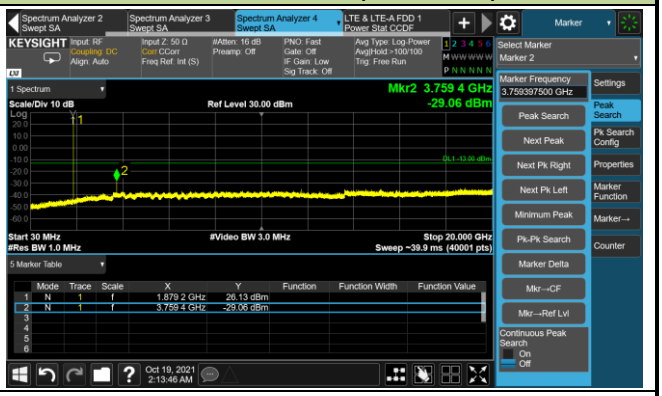
Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
18607	1850.7	1.4	30 ~ 20000	-28.90	≤ -13.00	Pass
18900	1880	1.4	30 ~ 20000	-29.06	≤ -13.00	Pass
19193	1914.3	1.4	30 ~ 20000	-25.69	≤ -13.00	Pass
18615	1851.5	3	30 ~ 20000	-30.15	≤ -13.00	Pass
18900	1880	3	30 ~ 20000	-29.35	≤ -13.00	Pass
19185	1908.5	3	30 ~ 20000	-25.78	≤ -13.00	Pass
18625	1852.5	5	30 ~ 20000	-29.16	≤ -13.00	Pass
18900	1880	5	30 ~ 20000	-28.54	≤ -13.00	Pass
19175	1907.5	5	30 ~ 20000	-27.30	≤ -13.00	Pass
18650	1855.0	10	30 ~ 20000	-29.82	≤ -13.00	Pass
18900	1880	10	30 ~ 20000	-29.30	≤ -13.00	Pass
19150	1905.0	10	30 ~ 20000	-26.08	≤ -13.00	Pass
18675	1857.5	15	30 ~ 20000	-29.11	≤ -13.00	Pass
18900	1880	15	30 ~ 20000	-29.26	≤ -13.00	Pass
19125	1902.5	15	30 ~ 20000	-26.28	≤ -13.00	Pass
18700	1860.0	20	30 ~ 20000	-28.07	≤ -13.00	Pass
18900	1880	20	30 ~ 20000	-29.34	≤ -13.00	Pass
19100	1900.0	20	30 ~ 20000	-27.21	≤ -13.00	Pass

1.4MHz Channel Bandwidth

Channel 18607 (1850.7MHz)



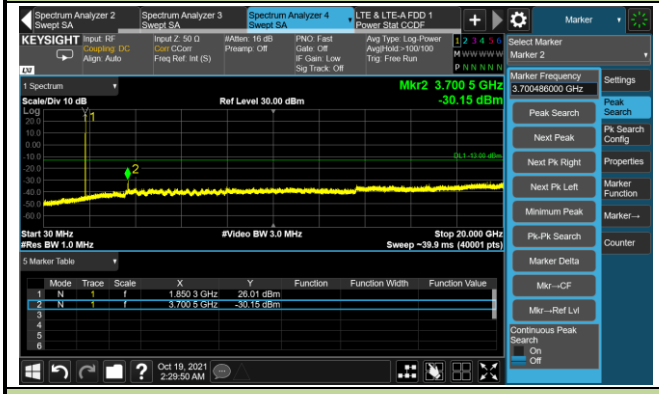
Channel 18900 (1880MHz)



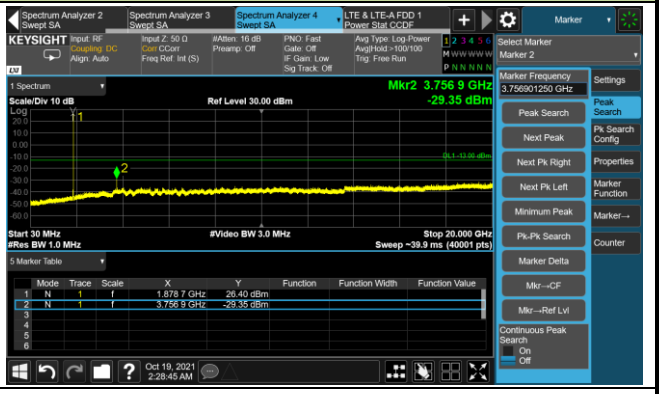
Channel 19193 (1914.3MHz)

3MHz Channel Bandwidth

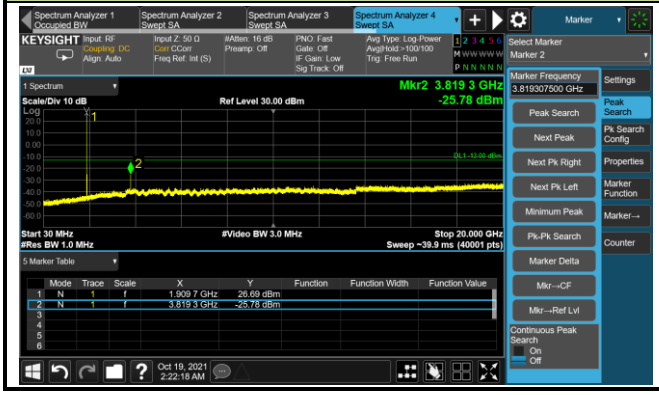
Channel 18615 (1851.5MHz)



Channel 18900 (1880MHz)



Channel 19185 (1908.5MHz)



5MHz Channel Bandwidth

Channel 18625 (1852.5MHz)

Channel 18900 (1880MHz)

Channel 19175 (1907.5MHz)

10MHz Channel Bandwidth

Channel 18650 (1855MHz)

Channel 18900 (1880MHz)

Channel 19150 (1905MHz)