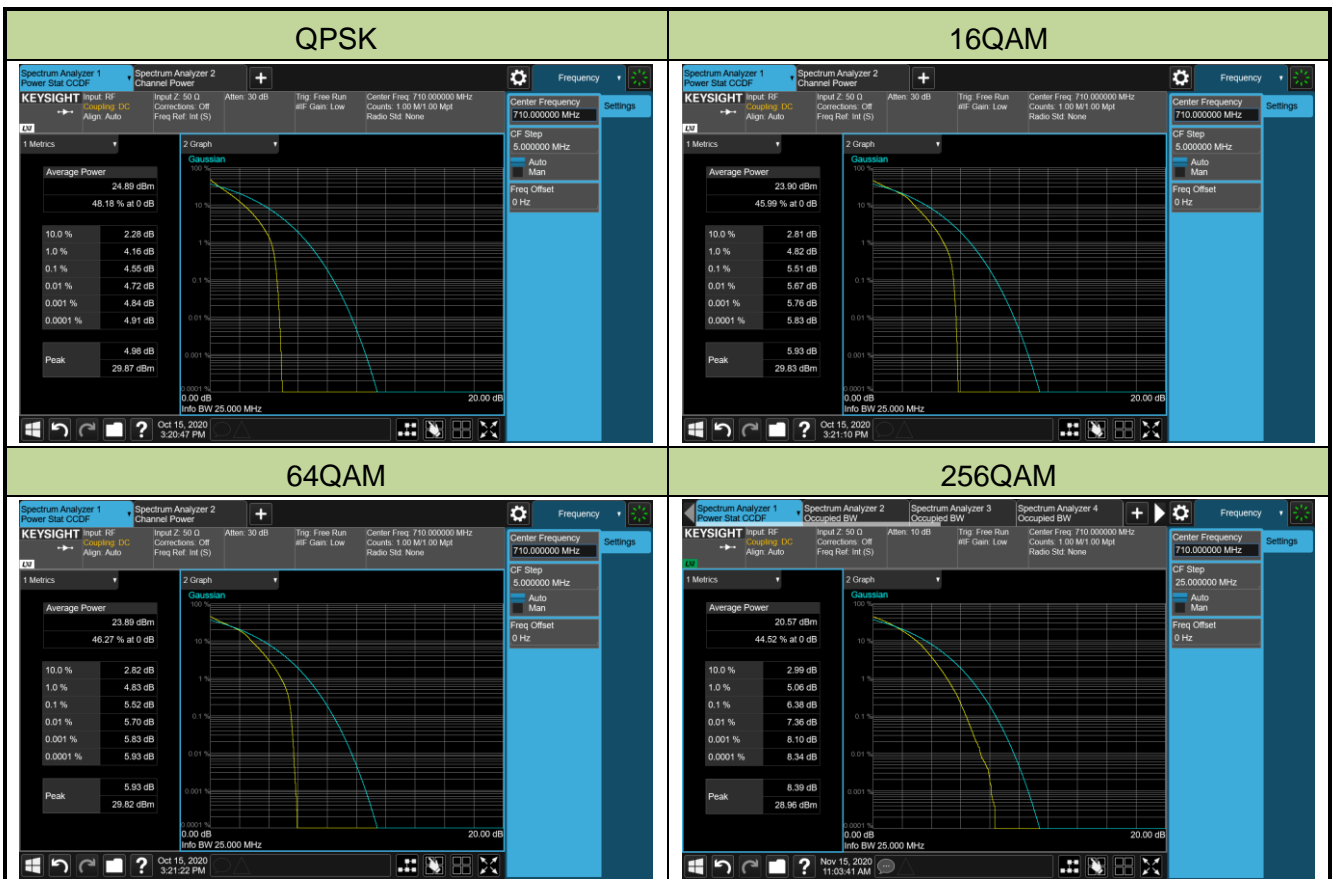


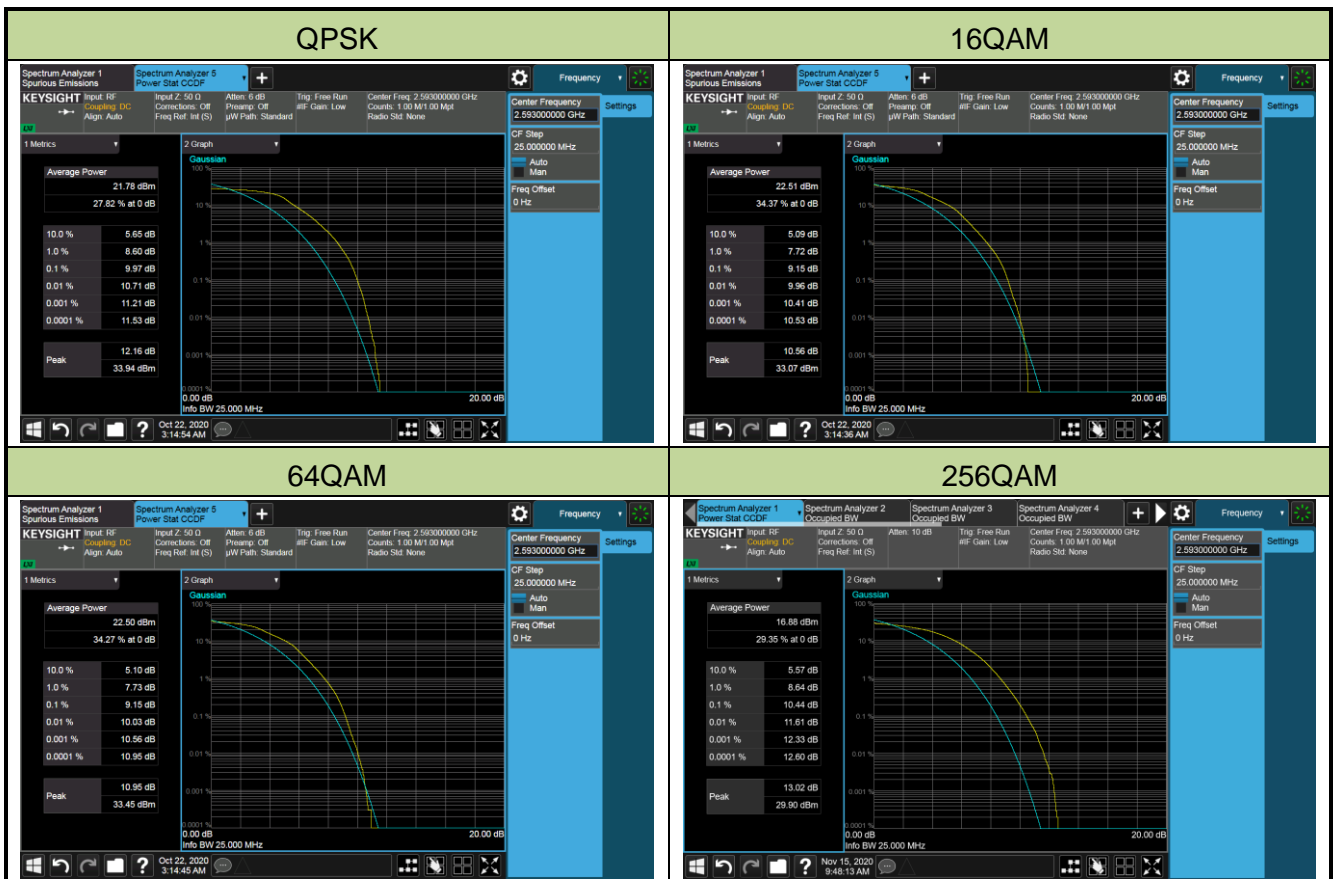
| | | | |
|---------------|-------------------------|-----------|-------------------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/15 ~ 2020/11/15 |
| Test Band | LTE Band 17 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | Peak to Average Ratio (dB) | Limit (dB) | Result |
|---------------|-----------------|-------------------------|----------------------------|------------|--------|
| QPSK | | | | | |
| 23790 | 710.0 | 10 | 4.55 | ≤ 13.00 | Pass |
| 16QAM | | | | | |
| 23790 | 710.0 | 10 | 5.51 | ≤ 13.00 | Pass |
| 64QAM | | | | | |
| 23790 | 710.0 | 10 | 5.52 | ≤ 13.00 | Pass |
| 256QAM | | | | | |
| 23790 | 710.0 | 10 | 6.38 | ≤ 13.00 | Pass |



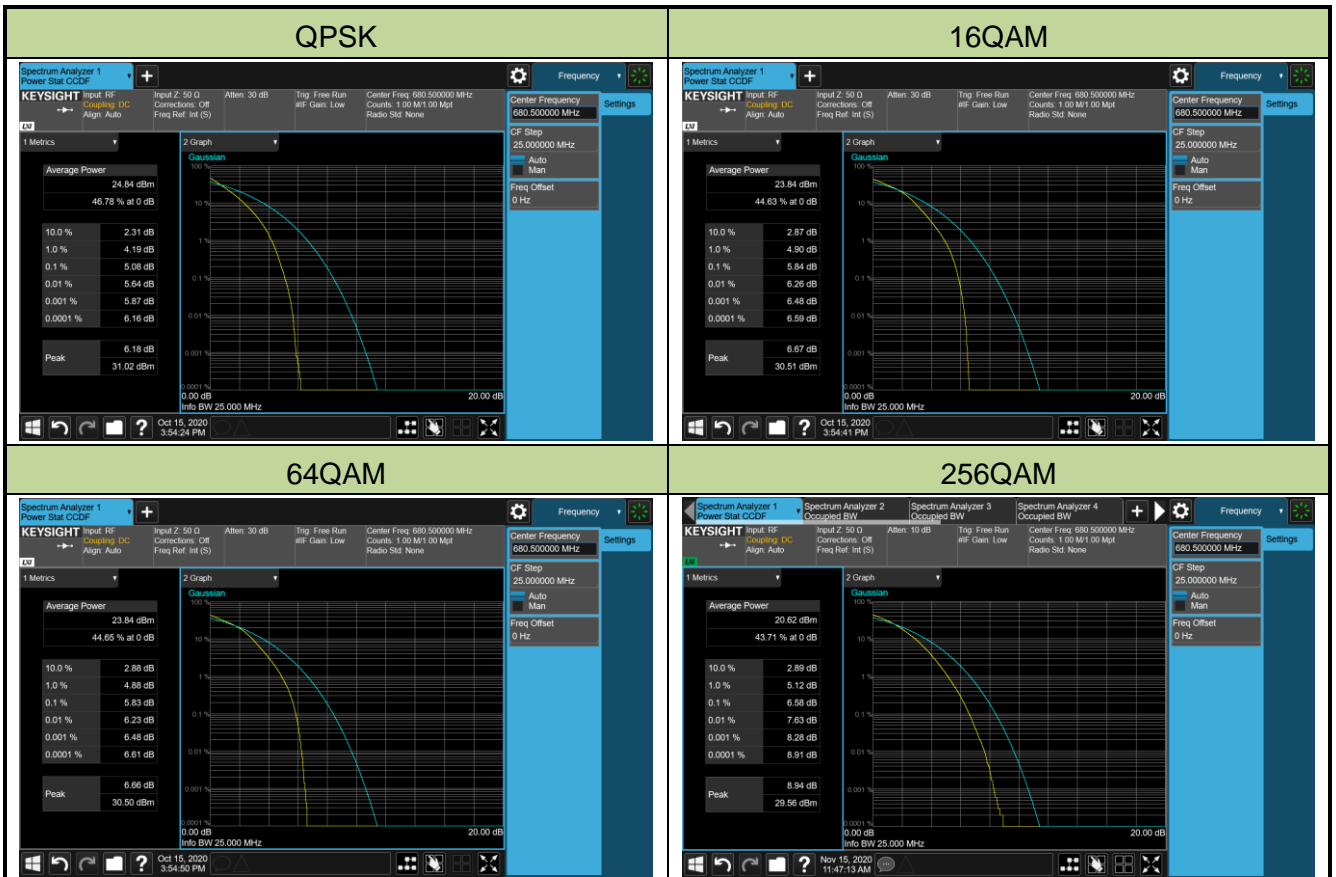
| | | | |
|---------------|-------------------------|-----------|-------------------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/22 ~ 2020/11/15 |
| Test Band | LTE Band 38/41_HPUE | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | Peak to Average Ratio (dB) | Limit (dB) | Result |
|---------------|-----------------|-------------------------|----------------------------|------------|--------|
| QPSK | | | | | |
| 40620 | 2593.0 | 20 | 9.97 | ≤ 13.00 | Pass |
| 16QAM | | | | | |
| 40620 | 2593.0 | 20 | 9.15 | ≤ 13.00 | Pass |
| 64QAM | | | | | |
| 40620 | 2593.0 | 20 | 9.15 | ≤ 13.00 | Pass |
| 256QAM | | | | | |
| 40620 | 2593.0 | 20 | 10.44 | ≤ 13.00 | Pass |



| | | | |
|---------------|-------------------------|-----------|-------------------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/15 ~ 2020/11/15 |
| Test Band | LTE Band 71 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | Peak to Average Ratio (dB) | Limit (dB) | Result |
|---------------|-----------------|-------------------------|----------------------------|------------|--------|
| QPSK | | | | | |
| 133297 | 680.5 | 20 | 5.08 | ≤ 13.00 | Pass |
| 16QAM | | | | | |
| 133297 | 680.5 | 20 | 5.84 | ≤ 13.00 | Pass |
| 64QAM | | | | | |
| 133297 | 680.5 | 20 | 5.83 | ≤ 13.00 | Pass |
| 256QAM | | | | | |
| 133297 | 680.5 | 20 | 6.58 | ≤ 13.00 | Pass |



5.7. Conducted Spurious Emissions

5.7.1. 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.

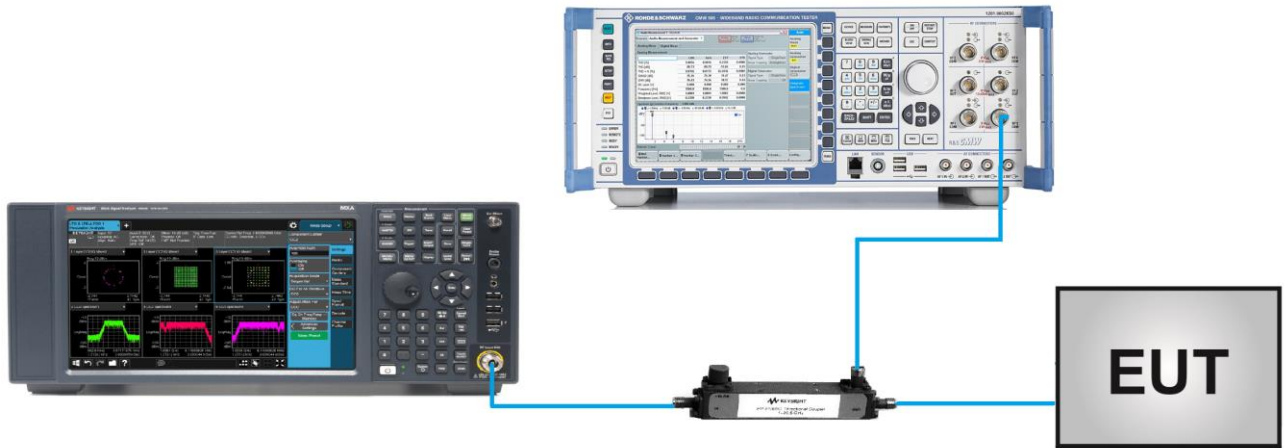
5.7.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.7

5.7.3. Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
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.

5.7.4. Test Setup



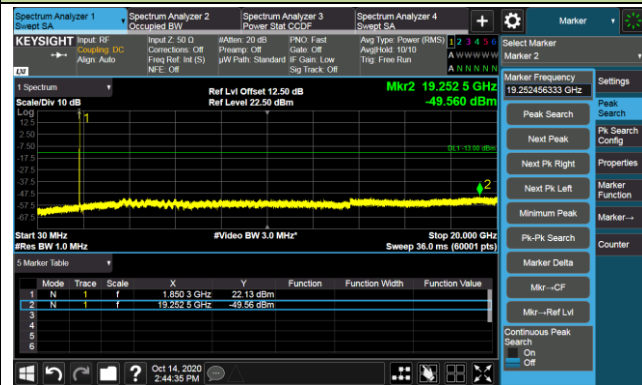
5.7.5. Test Result

| | | | |
|---------------|--------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | LTE Band 2/25, 1RB, QPSK | | |

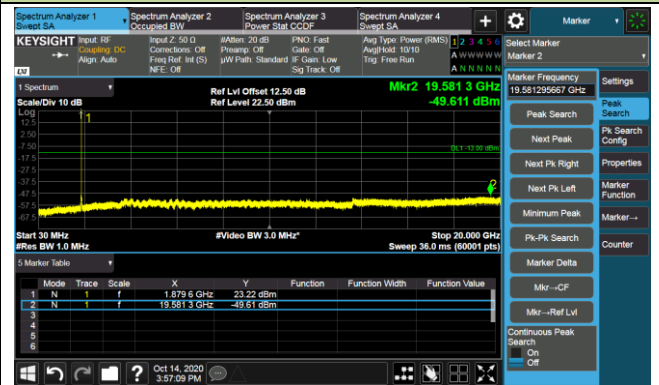
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 26047 | 1850.7 | 1.4 | 30 ~ 20000 | -49.56 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 1.4 | 30 ~ 20000 | -49.61 | ≤ -13.00 | Pass |
| 26683 | 1914.3 | 1.4 | 30 ~ 20000 | -49.75 | ≤ -13.00 | Pass |
| 26055 | 1851.5 | 3 | 30 ~ 20000 | -50.07 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 3 | 30 ~ 20000 | -49.08 | ≤ -13.00 | Pass |
| 26675 | 1913.5 | 3 | 30 ~ 20000 | -49.97 | ≤ -13.00 | Pass |
| 26065 | 1852.5 | 5 | 30 ~ 20000 | -50.17 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 5 | 30 ~ 20000 | -50.11 | ≤ -13.00 | Pass |
| 26665 | 1912.5 | 5 | 30 ~ 20000 | -49.84 | ≤ -13.00 | Pass |
| 16390 | 1855.0 | 10 | 30 ~ 20000 | -50.11 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 10 | 30 ~ 20000 | -48.96 | ≤ -13.00 | Pass |
| 26640 | 1910.0 | 10 | 30 ~ 20000 | -50.10 | ≤ -13.00 | Pass |
| 26115 | 1857.5 | 15 | 30 ~ 20000 | -50.03 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 15 | 30 ~ 20000 | -49.64 | ≤ -13.00 | Pass |
| 26615 | 1907.5 | 15 | 30 ~ 20000 | -49.95 | ≤ -13.00 | Pass |
| 26140 | 1860.0 | 20 | 30 ~ 20000 | -50.05 | ≤ -13.00 | Pass |
| 26365 | 1882.5 | 20 | 30 ~ 20000 | -49.29 | ≤ -13.00 | Pass |
| 26590 | 1905.0 | 20 | 30 ~ 20000 | -50.18 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

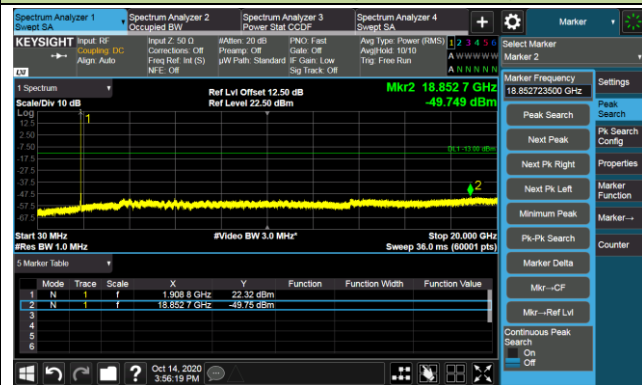
Channel 26047 (1850.7MHz)



Channel 26365 (1882.5MHz)

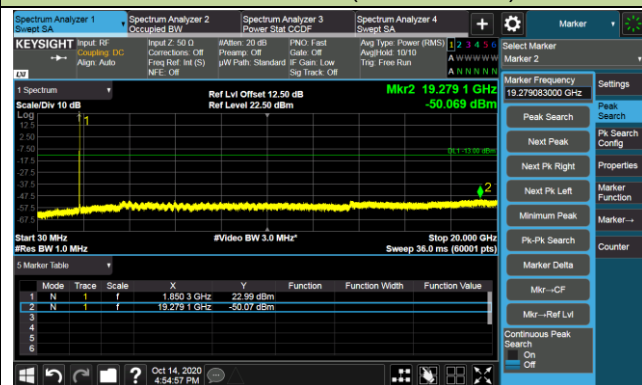


Channel 26683 (1914.3MHz)

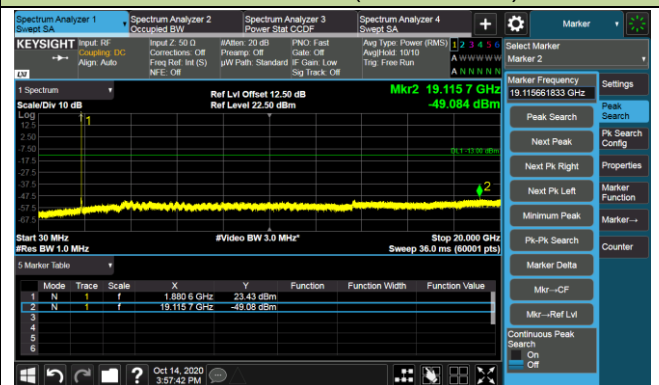


3MHz Channel Bandwidth

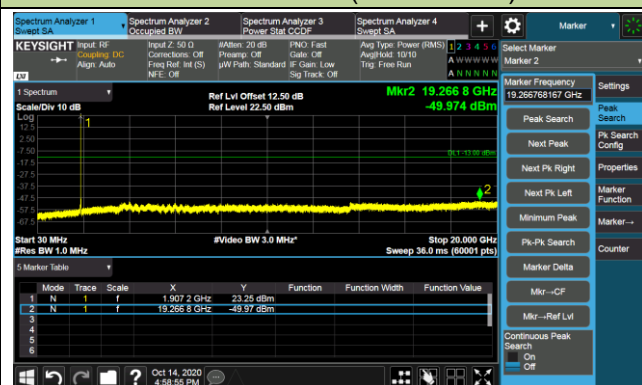
Channel 26055 (1851.5MHz)



Channel 26365 (1882.5MHz)

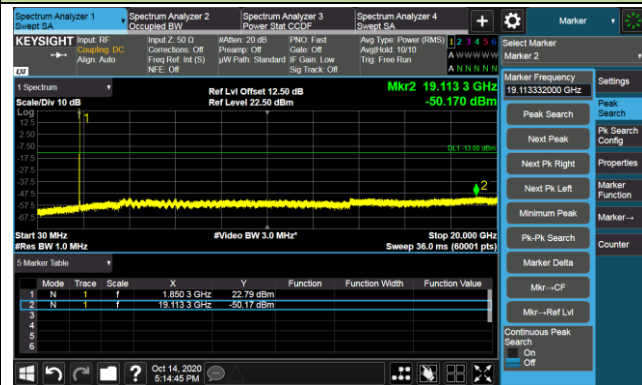


Channel 26675 (1913.5MHz)

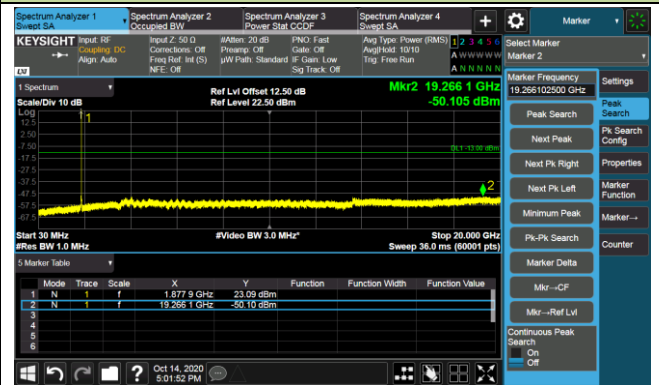


5MHz Channel Bandwidth

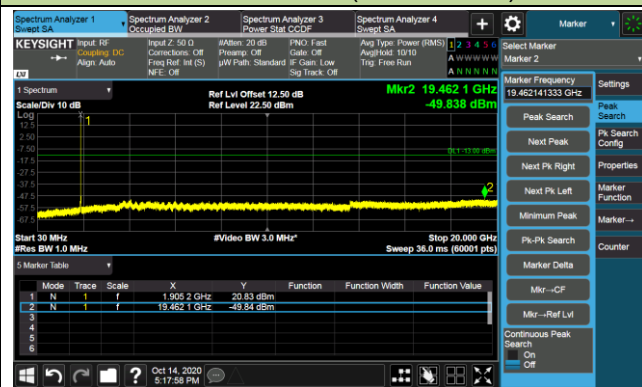
Channel 26065 (1852.5MHz)



Channel 26365 (1882.5MHz)

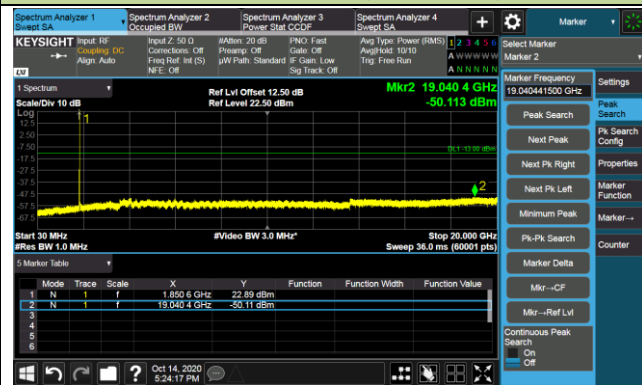


Channel 26665 (1912.5MHz)

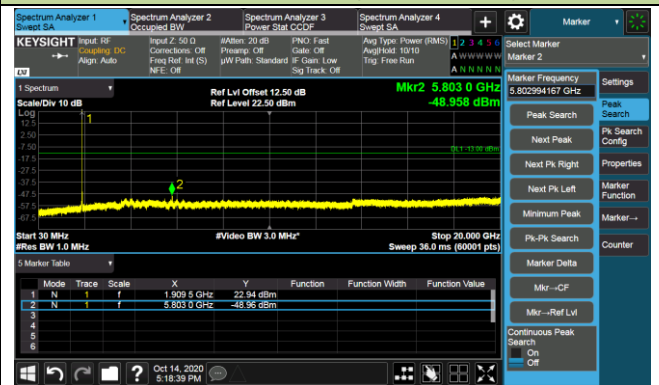


10MHz Channel Bandwidth

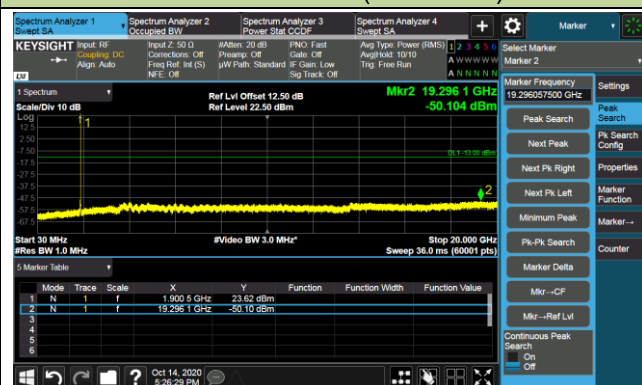
Channel 16390 (1855MHz)



Channel 26365 (1882.5MHz)

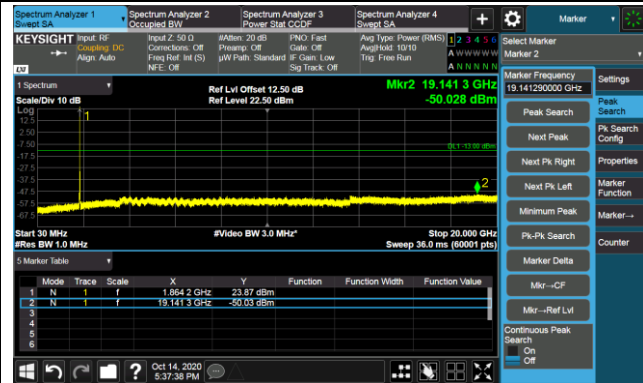


Channel 26640 (1910MHz)

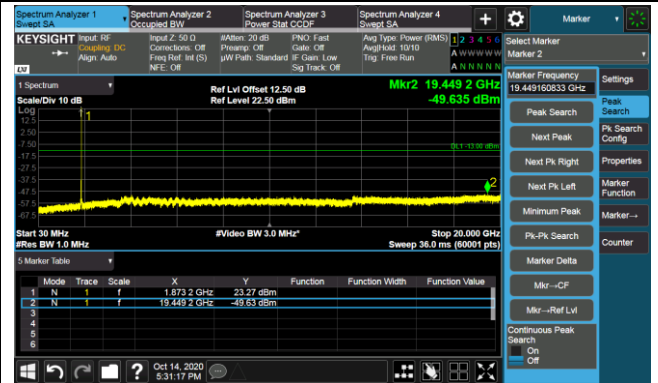


15MHz Channel Bandwidth

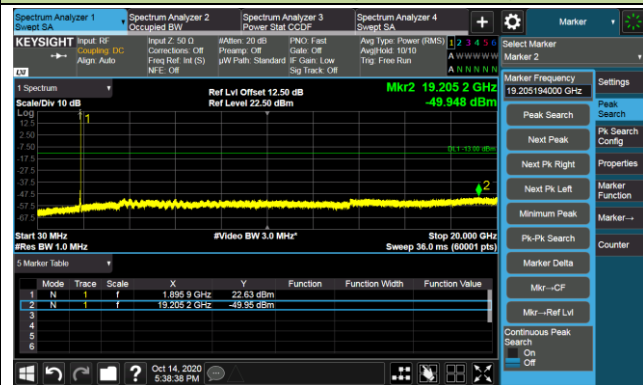
Channel 26115 (1857MHz)



Channel 26365 (1882.5MHz)

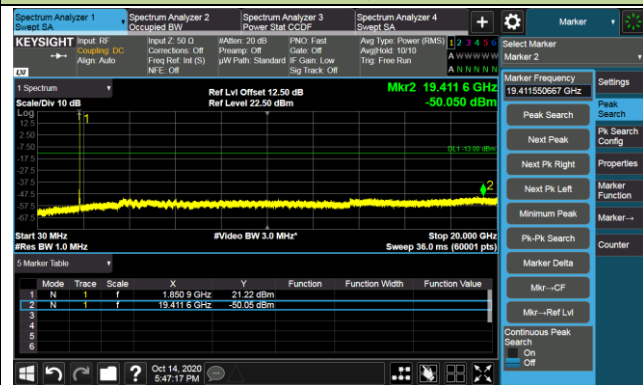


Channel 26615 (1907.5MHz)

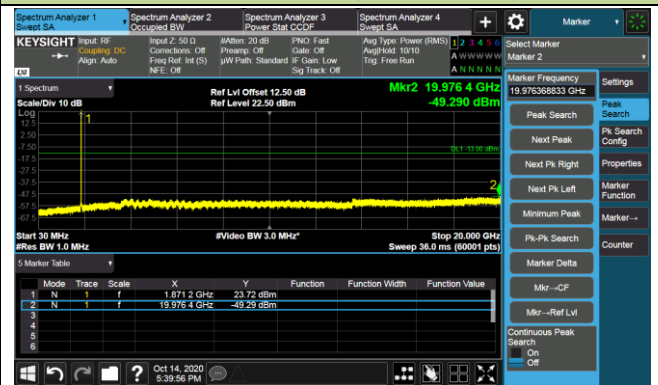


20MHz Channel Bandwidth

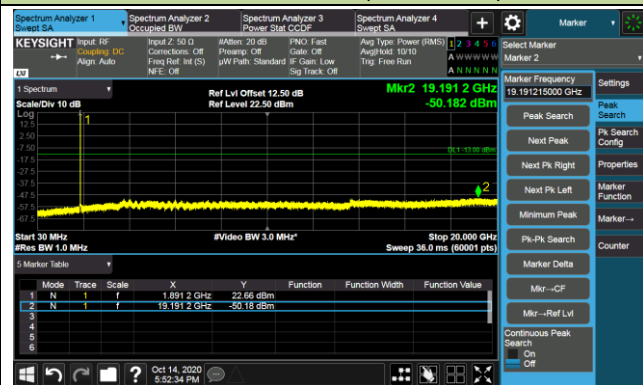
Channel 26140 (1860MHz)



Channel 26365 (1882.5MHz)



Channel 26590 (1905MHz)

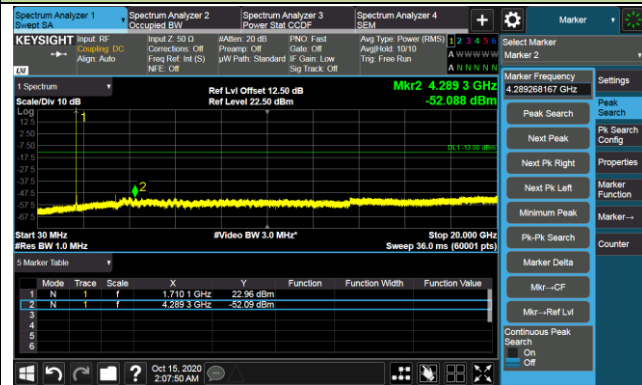


| | | | |
|---------------|--------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/15 |
| Test Band | LTE Band 4/66, 1RB, QPSK | | |

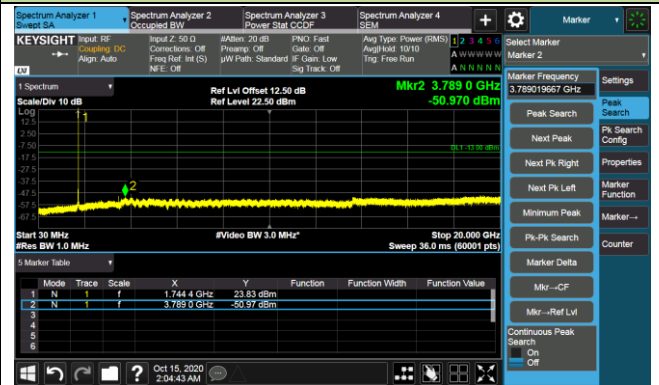
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 131979 | 1710.7 | 1.4 | 30 ~ 20000 | -52.09 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 1.4 | 30 ~ 20000 | -50.97 | ≤ -13.00 | Pass |
| 132665 | 1779.3 | 1.4 | 30 ~ 20000 | -52.46 | ≤ -13.00 | Pass |
| 131987 | 1711.5 | 3 | 30 ~ 20000 | -50.32 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 3 | 30 ~ 20000 | -47.08 | ≤ -13.00 | Pass |
| 132657 | 1778.5 | 3 | 30 ~ 20000 | -50.00 | ≤ -13.00 | Pass |
| 131997 | 1712.5 | 5 | 30 ~ 20000 | -50.28 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 5 | 30 ~ 20000 | -50.11 | ≤ -13.00 | Pass |
| 132647 | 1777.5 | 5 | 30 ~ 20000 | -49.81 | ≤ -13.00 | Pass |
| 132022 | 1715.0 | 10 | 30 ~ 20000 | -40.19 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 10 | 30 ~ 20000 | -49.57 | ≤ -13.00 | Pass |
| 132622 | 1775.0 | 10 | 30 ~ 20000 | -40.35 | ≤ -13.00 | Pass |
| 132047 | 1717.5 | 15 | 30 ~ 20000 | -40.87 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 15 | 30 ~ 20000 | -39.73 | ≤ -13.00 | Pass |
| 132597 | 1772.5 | 15 | 30 ~ 20000 | -39.86 | ≤ -13.00 | Pass |
| 132072 | 1720.0 | 20 | 30 ~ 20000 | -39.76 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 20 | 30 ~ 20000 | -39.74 | ≤ -13.00 | Pass |
| 132572 | 1770.0 | 20 | 30 ~ 20000 | -39.76 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

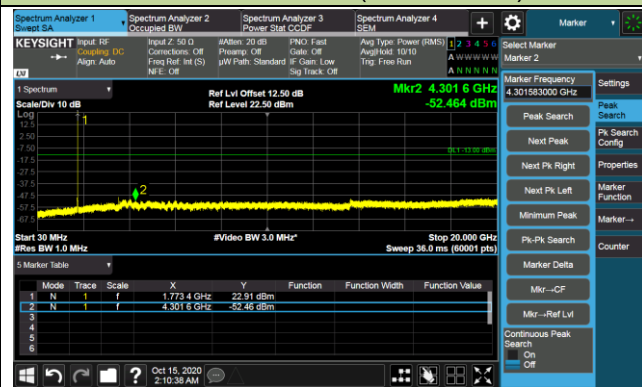
Channel 131979 (1710.7MHz)



Channel 132322 (1745MHz)

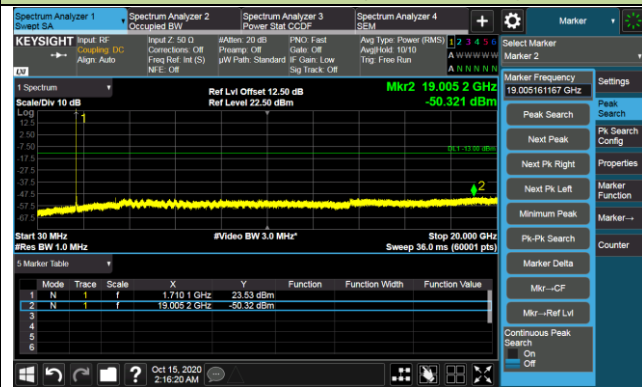


Channel 132665 (1779.3MHz)

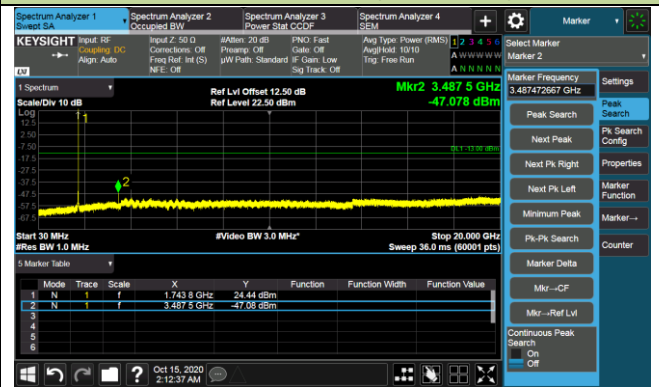


3MHz Channel Bandwidth

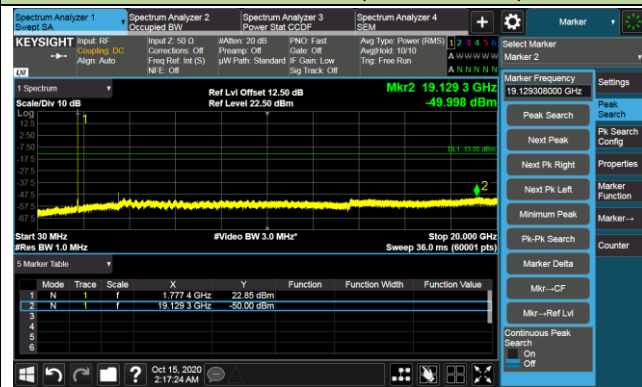
Channel 131987 (1711.5MHz)



Channel 132322 (1745MHz)

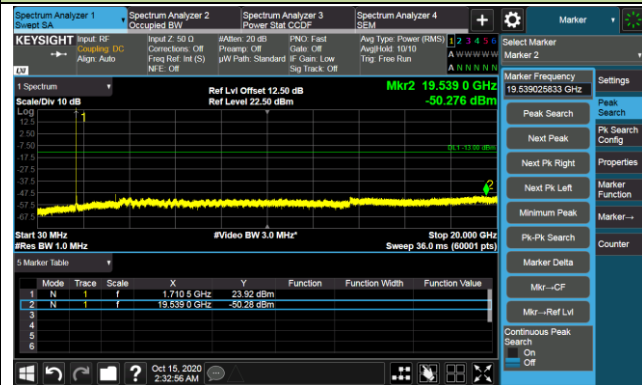


Channel 132657 (1778.5MHz)

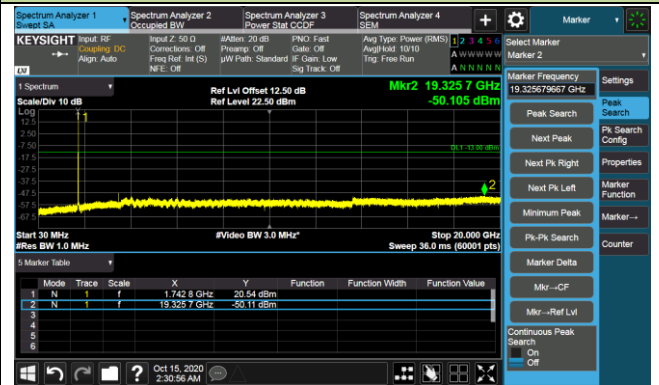


5MHz Channel Bandwidth

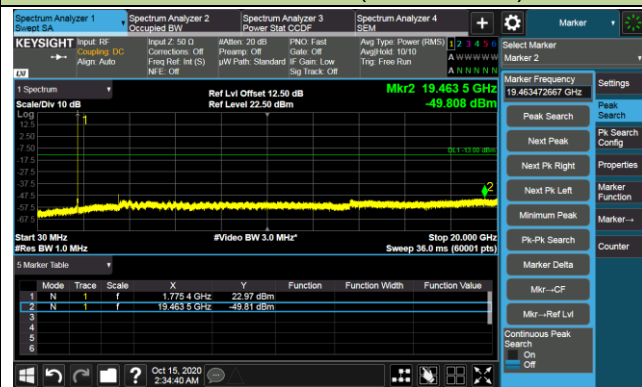
Channel 131997 (1712.5MHz)



Channel 132322 (1745MHz)

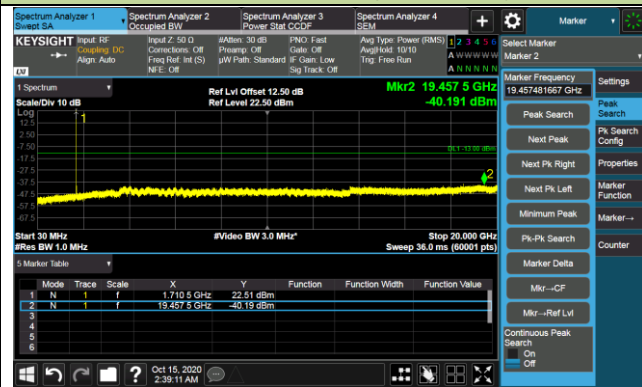


Channel 132647 (1777.5MHz)

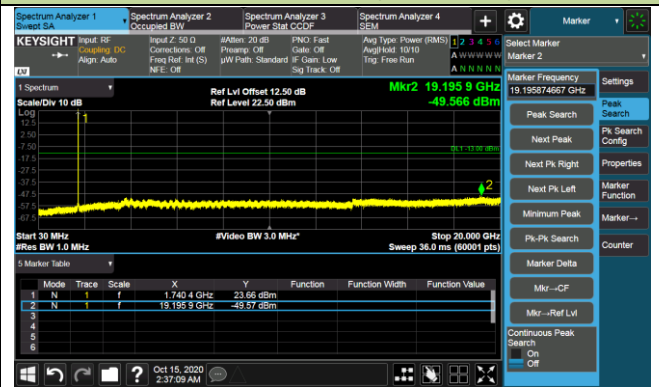


10MHz Channel Bandwidth

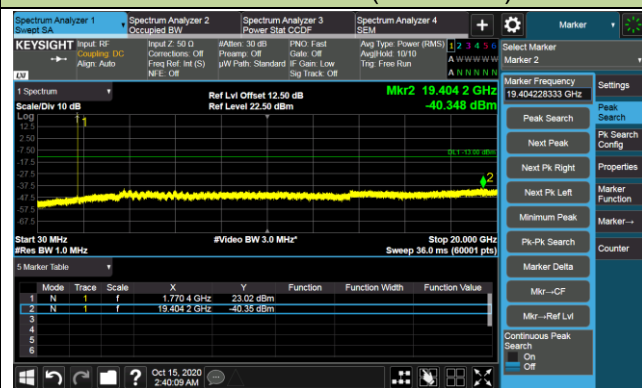
Channel 132022 (1715MHz)



Channel 132322 (1745MHz)



Channel 132622 (1775MHz)

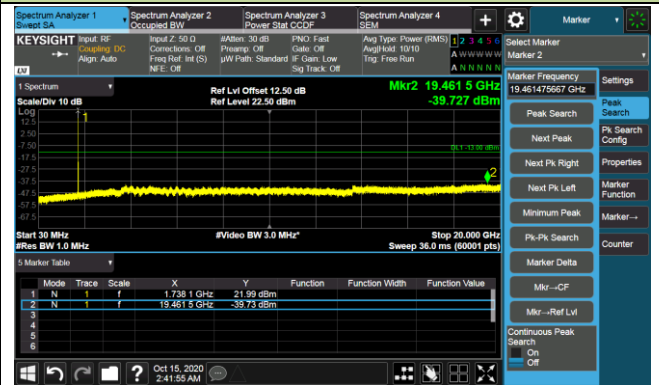


15MHz Channel Bandwidth

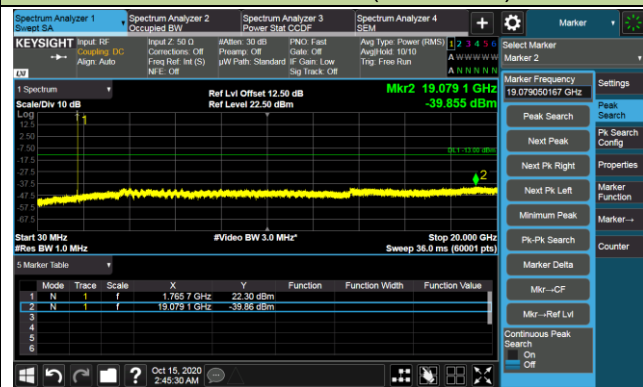
Channel 132047 (1717.5MHz)



Channel 132322 (1745MHz)

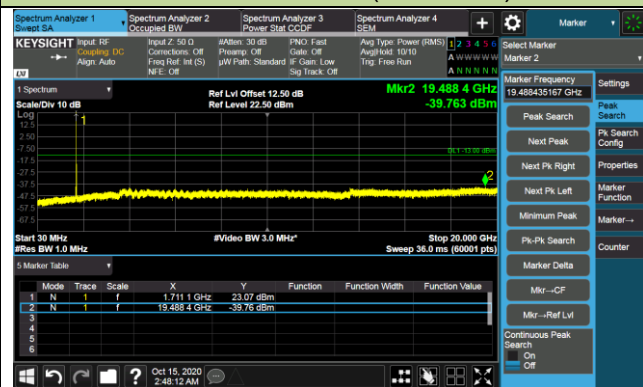


Channel 132597 (1772.5Hz)

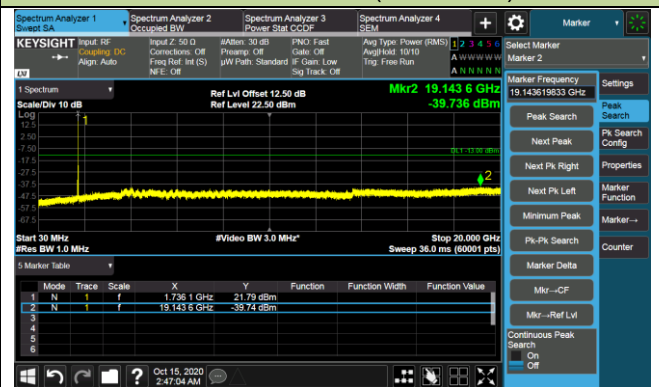


20MHz Channel Bandwidth

Channel 132072 (1720MHz)



Channel 132322 (1745MHz)



Channel 132572 (1770Hz)

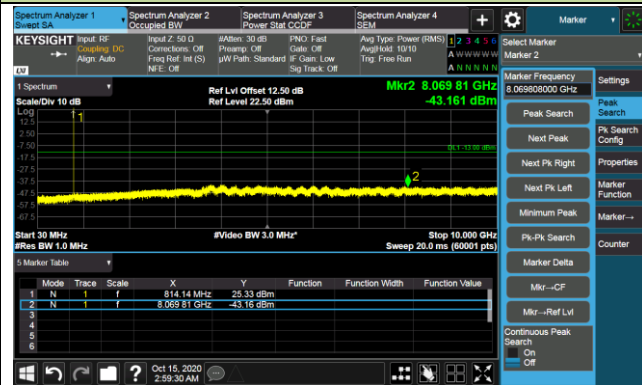


| | | | |
|---------------|--------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/15 |
| Test Band | LTE Band 5/26, 1RB, QPSK | | |

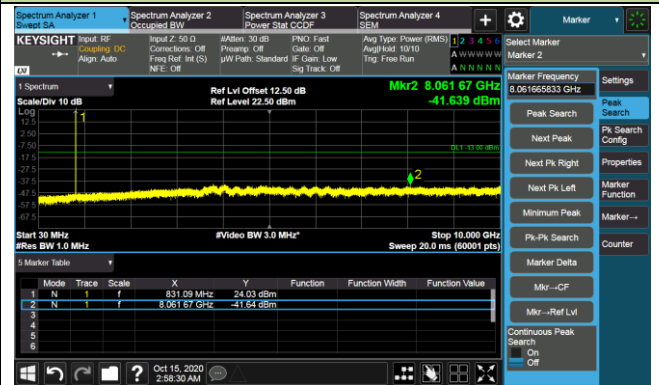
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 26797 | 824.7 | 1.4 | 30 ~ 10000 | -43.16 | ≤ -13.00 | Pass |
| 26915 | 836.5 | 1.4 | 30 ~ 10000 | -41.64 | ≤ -13.00 | Pass |
| 27033 | 848.3 | 1.4 | 30 ~ 10000 | -43.87 | ≤ -13.00 | Pass |
| 26805 | 825.5 | 3 | 30 ~ 10000 | -42.18 | ≤ -13.00 | Pass |
| 26915 | 836.5 | 3 | 30 ~ 10000 | -42.22 | ≤ -13.00 | Pass |
| 27025 | 847.5 | 3 | 30 ~ 10000 | -42.41 | ≤ -13.00 | Pass |
| 26815 | 826.5 | 5 | 30 ~ 10000 | -43.82 | ≤ -13.00 | Pass |
| 26915 | 836.5 | 5 | 30 ~ 10000 | -42.06 | ≤ -13.00 | Pass |
| 27015 | 846.5 | 5 | 30 ~ 10000 | -43.75 | ≤ -13.00 | Pass |
| 26840 | 829.0 | 10 | 30 ~ 10000 | -42.72 | ≤ -13.00 | Pass |
| 26915 | 836.5 | 10 | 30 ~ 10000 | -43.33 | ≤ -13.00 | Pass |
| 26990 | 844.0 | 10 | 30 ~ 10000 | -43.20 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

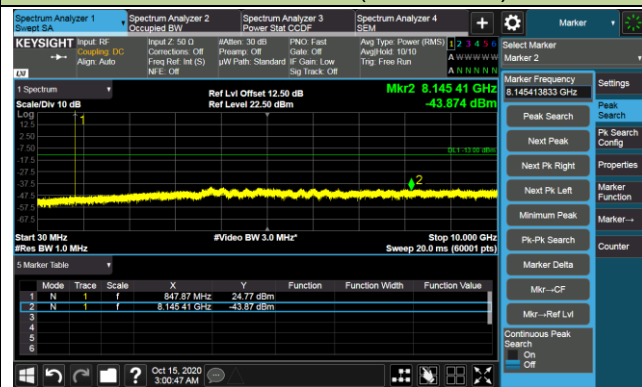
Channel 26697 (814.7MHz)



Channel 25865 (831.5MHz)

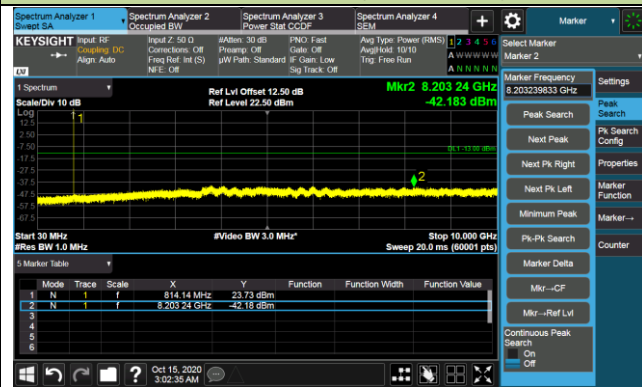


Channel 27033 (848.3MHz)

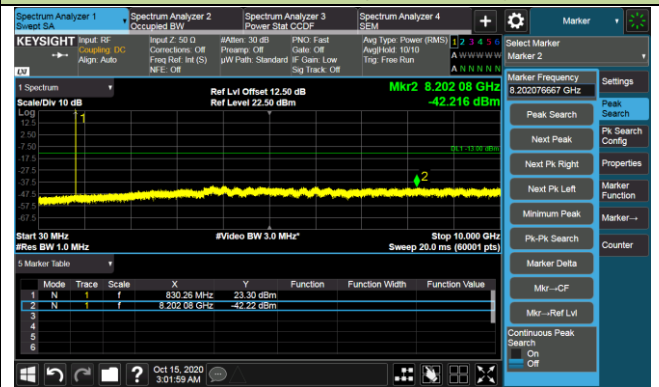


3MHz Channel Bandwidth

Channel 26705 (815.5MHz)



Channel 26865 (831.5MHz)



Channel 27025 (847.5MHz)

