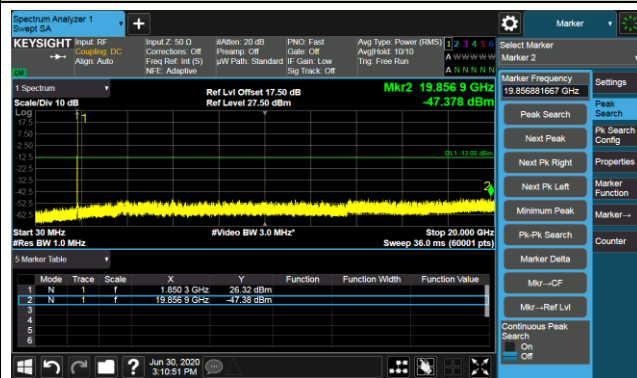
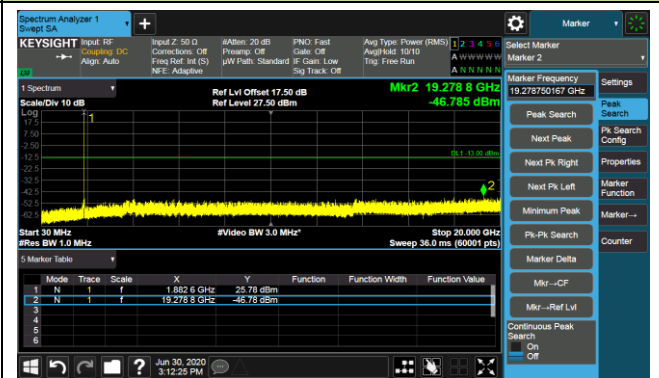


5MHz Channel Bandwidth

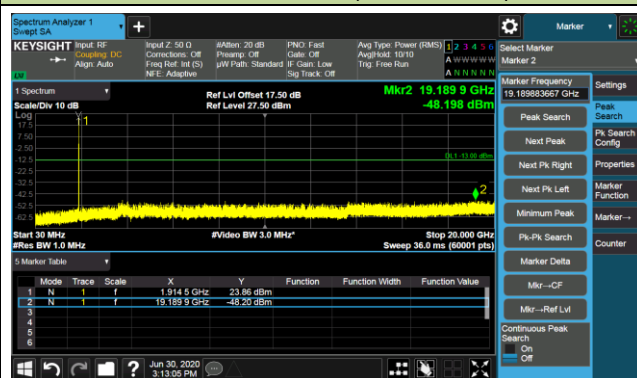
Channel 26065 (1852.5MHz)



Channel 26365 (1882.5MHz)

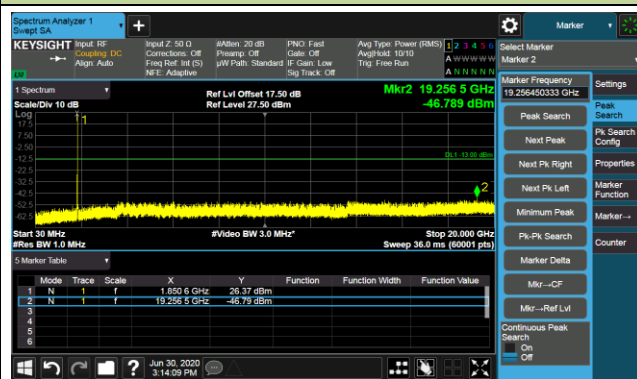


Channel 26665 (1912.5MHz)

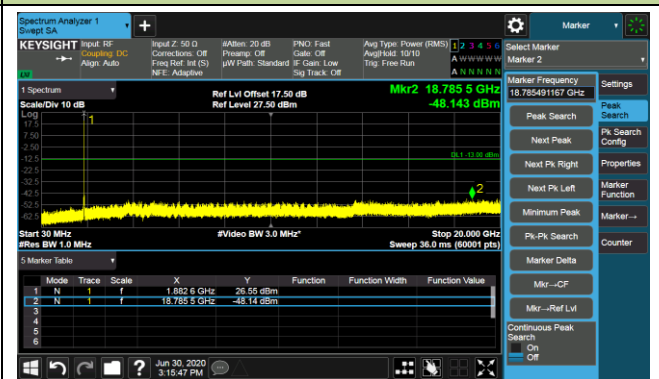


10MHz Channel Bandwidth

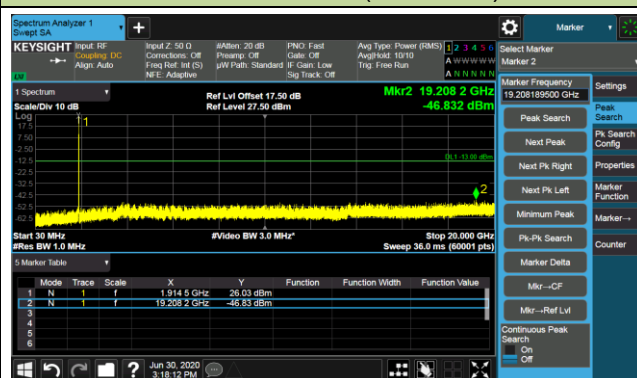
Channel 16390 (1855MHz)



Channel 26365 (1882.5MHz)

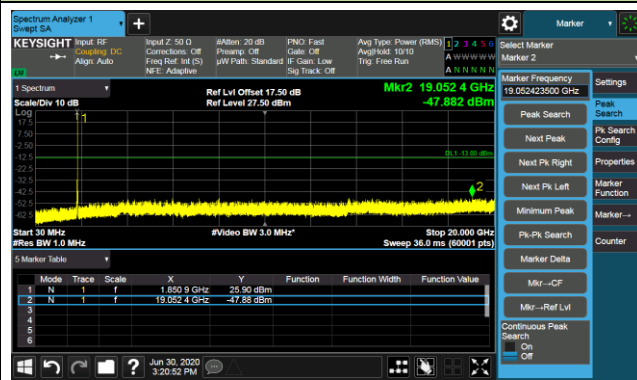


Channel 26640 (1910MHz)

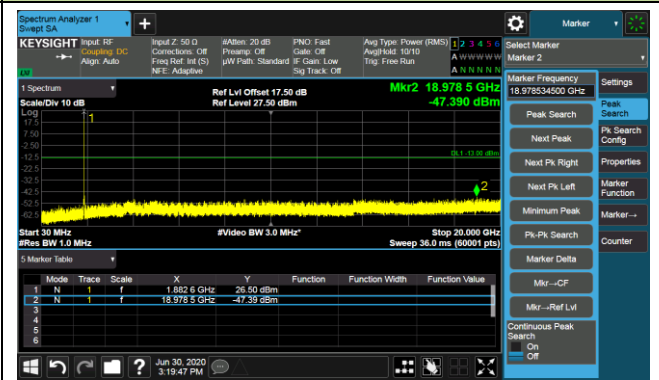


15MHz Channel Bandwidth

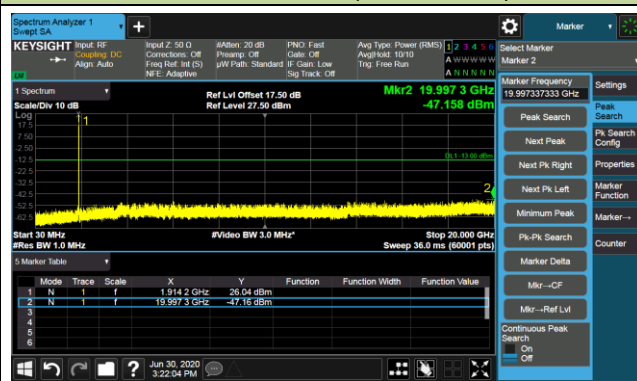
Channel 26115 (1857MHz)



Channel 26365 (1882.5MHz)

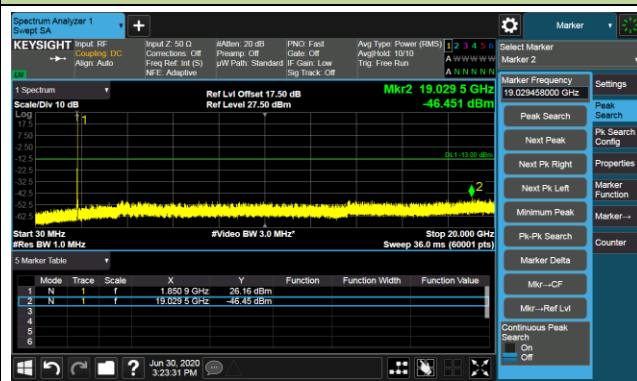


Channel 26615 (1907.5MHz)



20MHz Channel Bandwidth

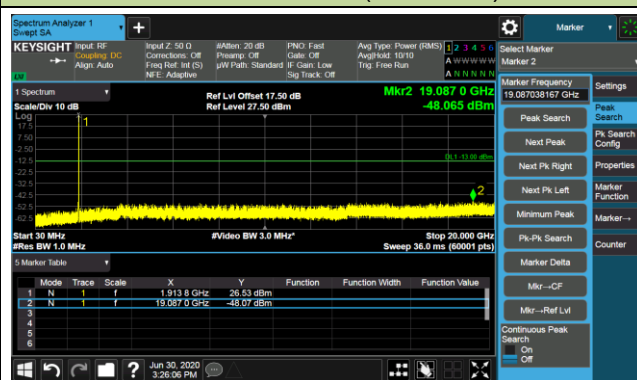
Channel 26140 (1860MHz)



Channel 26365 (1882.5MHz)



Channel 26590 (1905MHz)

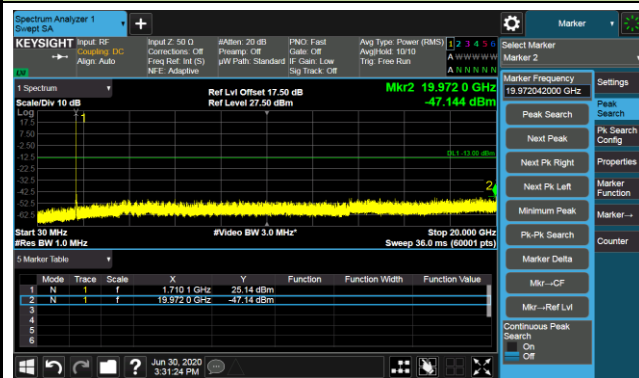


| | | | |
|-----------|-------------------------|---------------|-----------|
| Product | LTE-A Cat 12 M.2 Module | Test Engineer | Candy Luo |
| Test Date | 2020/06/30 | Test Site | SR6 |
| Test Band | Band 4/66 | Test Result | Pass |

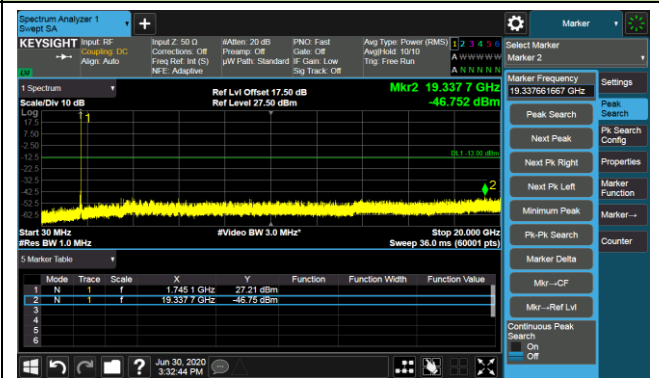
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 131979 | 1710.7 | 1.4 | 30 ~ 20000 | -47.14 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 1.4 | 30 ~ 20000 | -46.75 | ≤ -13.00 | Pass |
| 132665 | 1779.3 | 1.4 | 30 ~ 20000 | -46.22 | ≤ -13.00 | Pass |
| 131987 | 1711.5 | 3 | 30 ~ 20000 | -47.88 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 3 | 30 ~ 20000 | -48.68 | ≤ -13.00 | Pass |
| 132657 | 1778.5 | 3 | 30 ~ 20000 | -47.60 | ≤ -13.00 | Pass |
| 131997 | 1712.5 | 5 | 30 ~ 20000 | -47.37 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 5 | 30 ~ 20000 | -47.72 | ≤ -13.00 | Pass |
| 132647 | 1777.5 | 5 | 30 ~ 20000 | -47.89 | ≤ -13.00 | Pass |
| 132022 | 1715.0 | 10 | 30 ~ 20000 | -45.87 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 10 | 30 ~ 20000 | -48.39 | ≤ -13.00 | Pass |
| 132622 | 1775.0 | 10 | 30 ~ 20000 | -48.05 | ≤ -13.00 | Pass |
| 132047 | 1717.5 | 15 | 30 ~ 20000 | -52.53 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 15 | 30 ~ 20000 | -55.39 | ≤ -13.00 | Pass |
| 132597 | 1772.5 | 15 | 30 ~ 20000 | -52.05 | ≤ -13.00 | Pass |
| 132072 | 1720.0 | 20 | 30 ~ 20000 | -53.69 | ≤ -13.00 | Pass |
| 132322 | 1745.0 | 20 | 30 ~ 20000 | -54.17 | ≤ -13.00 | Pass |
| 132572 | 1770.0 | 20 | 30 ~ 20000 | -51.40 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

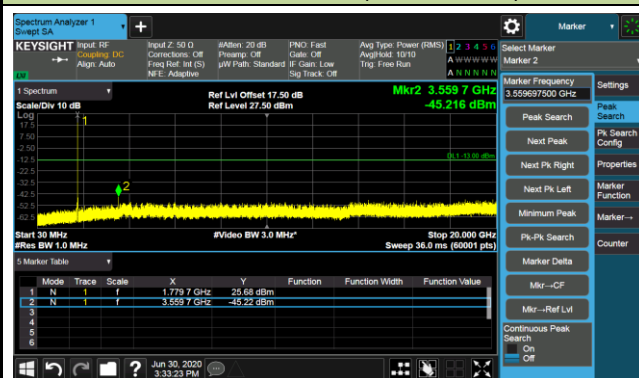
Channel 131979 (1710.7MHz)



Channel 132322 (1745MHz)

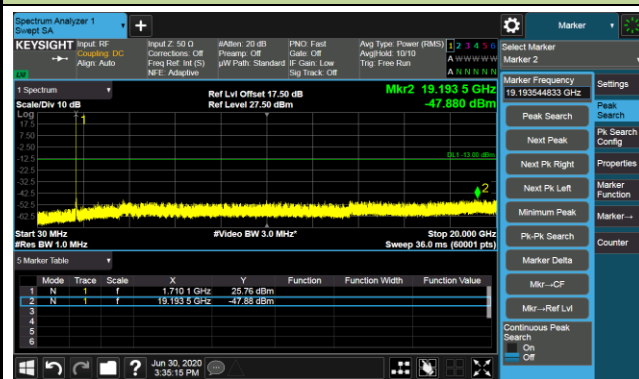


Channel 132665 (1779.3MHz)

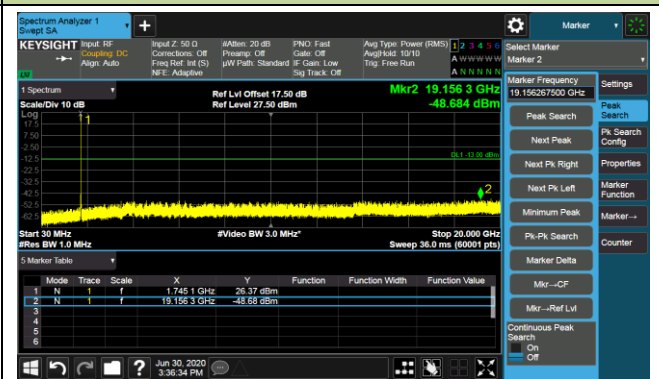


3MHz Channel Bandwidth

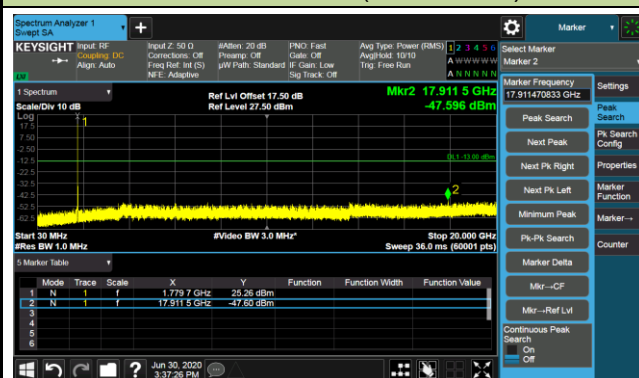
Channel 131987 (1711.5MHz)



Channel 132322 (1745MHz)

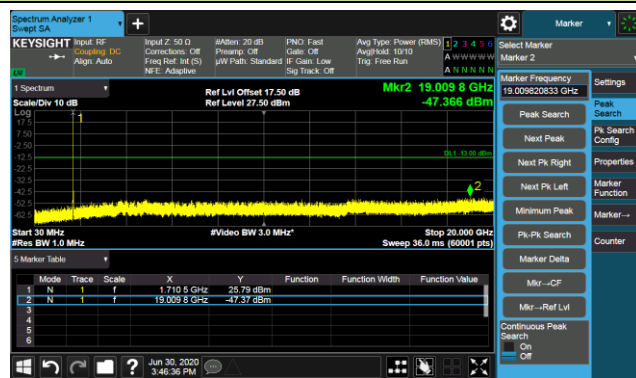


Channel 132657 (1778.5MHz)

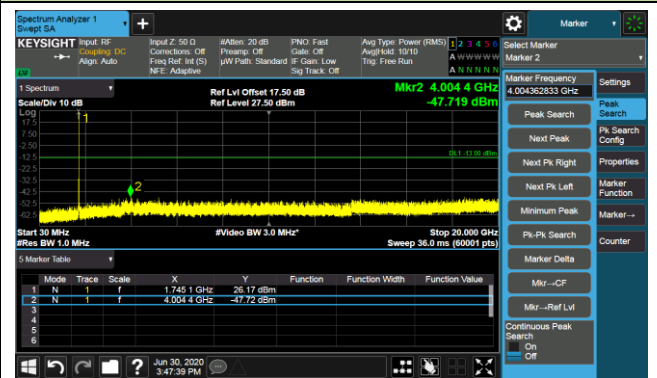


5MHz Channel Bandwidth

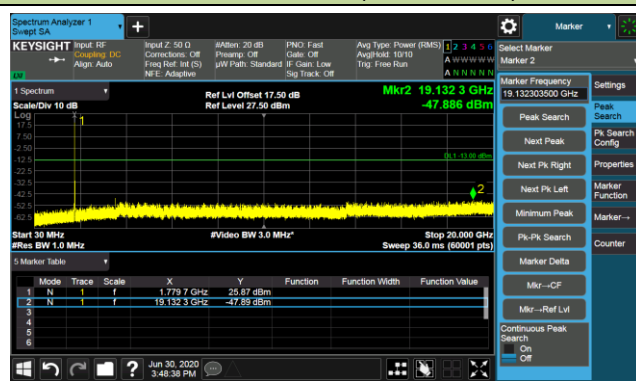
Channel 131997 (1712.5MHz)



Channel 132322 (1745MHz)

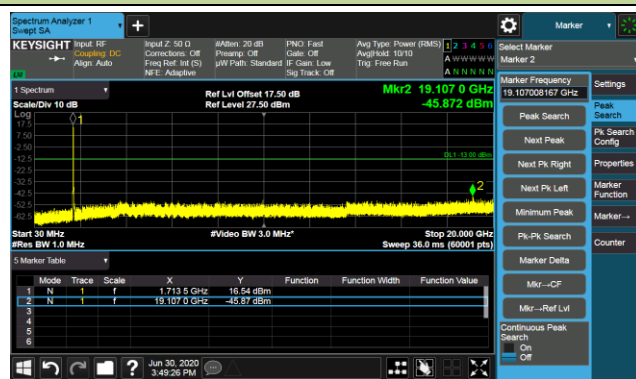


Channel 132647 (1777.5MHz)

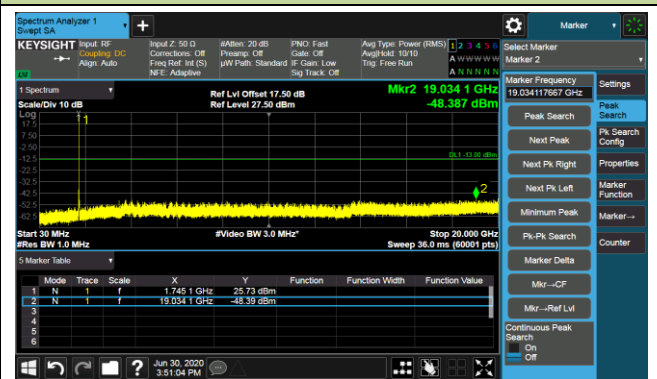


10MHz Channel Bandwidth

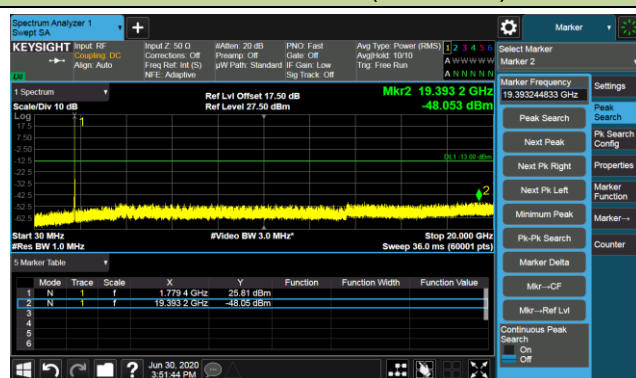
Channel 132022 (1715MHz)



Channel 132322 (1745MHz)

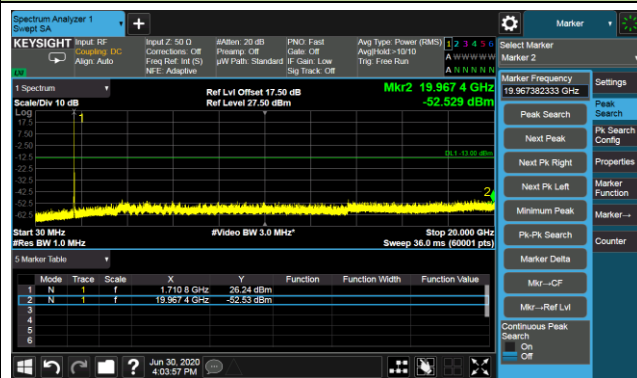


Channel 132622 (1775MHz)

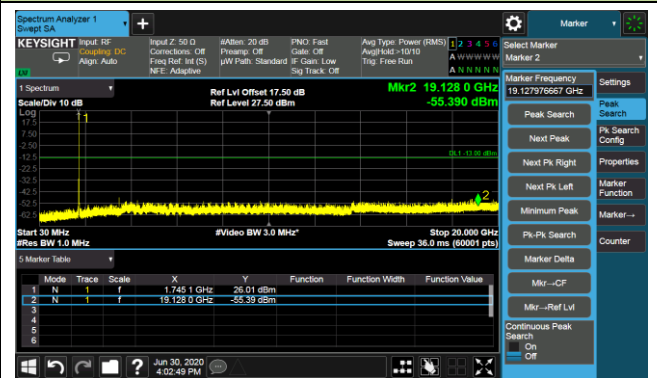


15MHz Channel Bandwidth

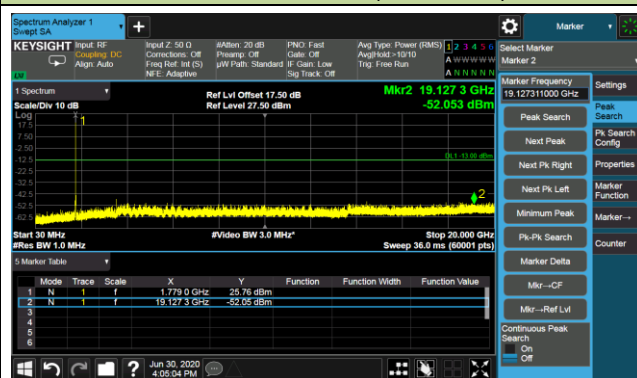
Channel 132047 (1717.5MHz)



Channel 132322 (1745MHz)

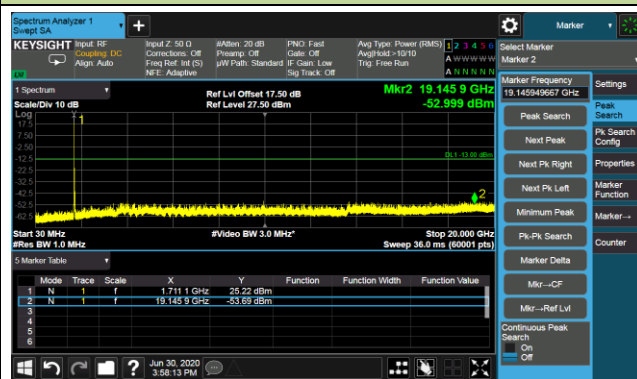


Channel 132597 (1772.5MHz)

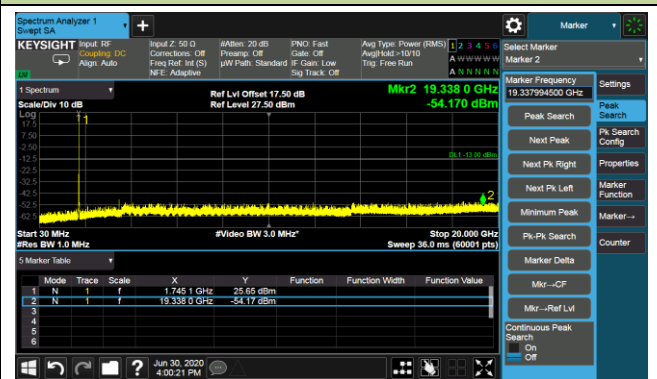


20MHz Channel Bandwidth

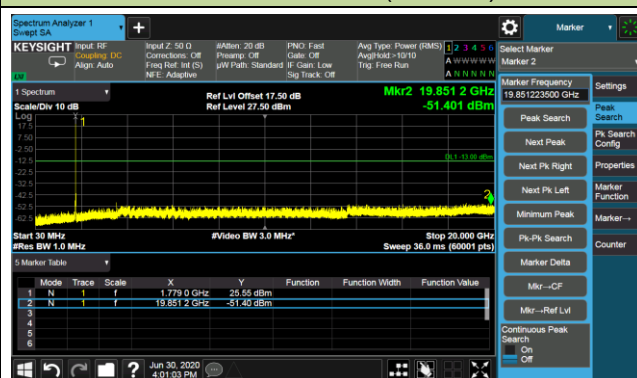
Channel 132072 (1720MHz)



Channel 132322 (1745MHz)



Channel 132572 (1770MHz)

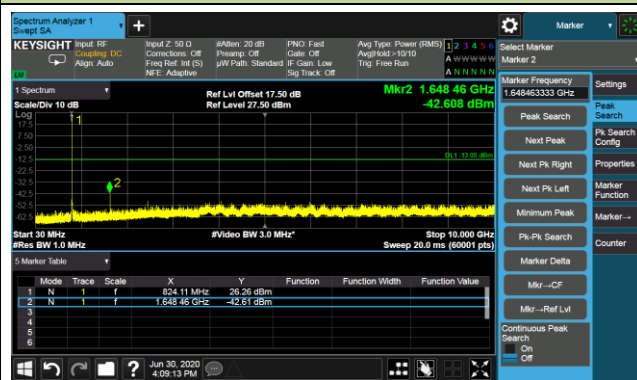


| | | | |
|-----------|-------------------------|---------------|-----------|
| Product | LTE-A Cat 12 M.2 Module | Test Engineer | Candy Luo |
| Test Date | 2020/06/30 | Test Site | SR6 |
| Test Band | Band 5/26 | Test Result | Pass |

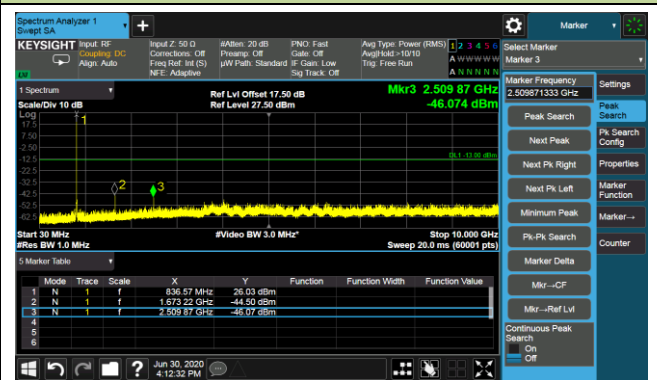
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 26697 | 814.7 | 1.4 | 30 ~ 10000 | -42.61 | ≤ -13.00 | Pass |
| 26865 | 831.5 | 1.4 | 30 ~ 10000 | -44.60 | ≤ -13.00 | Pass |
| 27033 | 848.3 | 1.4 | 30 ~ 10000 | -42.80 | ≤ -13.00 | Pass |
| 26705 | 815.5 | 3 | 30 ~ 10000 | -43.29 | ≤ -13.00 | Pass |
| 26865 | 831.5 | 3 | 30 ~ 10000 | -42.68 | ≤ -13.00 | Pass |
| 27025 | 847.5 | 3 | 30 ~ 10000 | -40.92 | ≤ -13.00 | Pass |
| 26715 | 816.5 | 5 | 30 ~ 10000 | -44.69 | ≤ -13.00 | Pass |
| 26865 | 831.5 | 5 | 30 ~ 10000 | -42.14 | ≤ -13.00 | Pass |
| 27015 | 846.5 | 5 | 30 ~ 10000 | -40.75 | ≤ -13.00 | Pass |
| 26740 | 819.0 | 10 | 30 ~ 10000 | -42.20 | ≤ -13.00 | Pass |
| 26865 | 831.5 | 10 | 30 ~ 10000 | -42.82 | ≤ -13.00 | Pass |
| 26990 | 844.0 | 10 | 30 ~ 10000 | -41.51 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

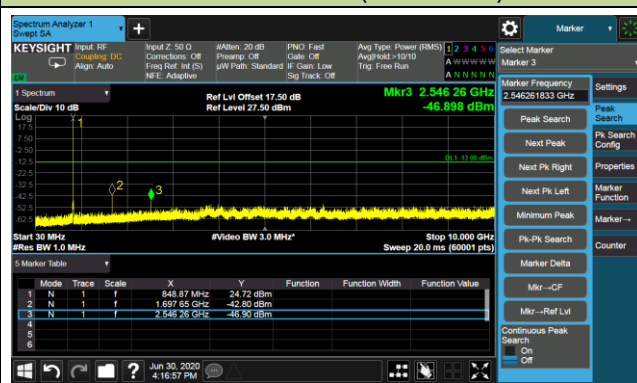
Channel 26697 (814.7MHz)



Channel 25865 (831.5MHz)

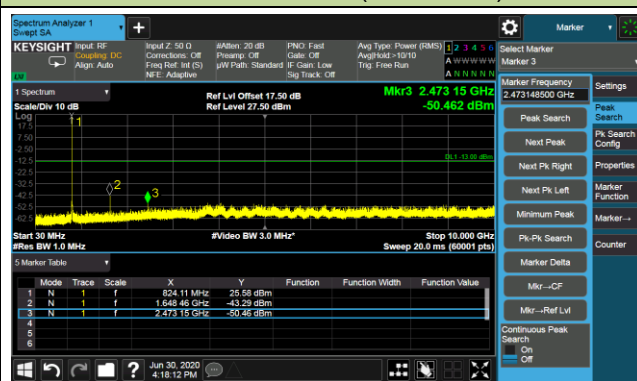


Channel 27033 (848.3MHz)

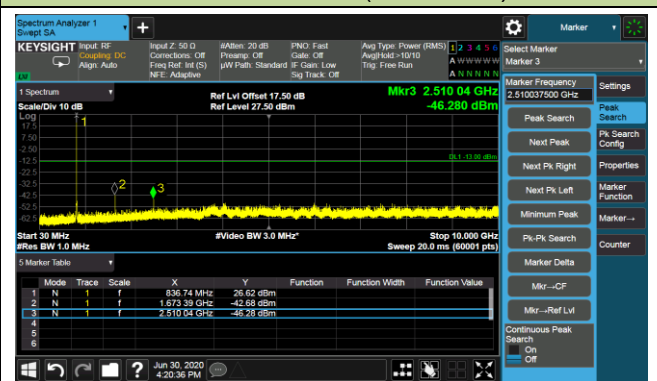


3MHz Channel Bandwidth

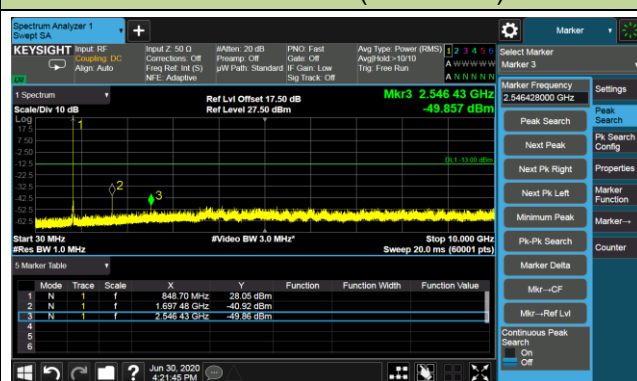
Channel 26705 (815.5MHz)



Channel 26865 (831.5MHz)

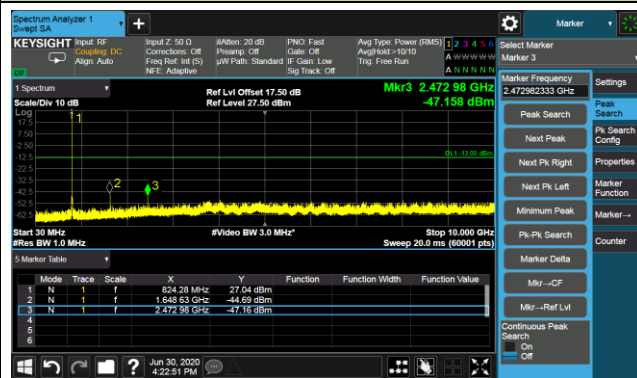


Channel 27025 (847.5MHz)

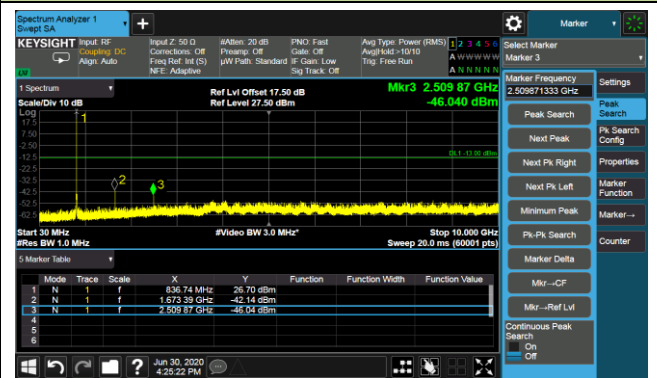


5MHz Channel Bandwidth

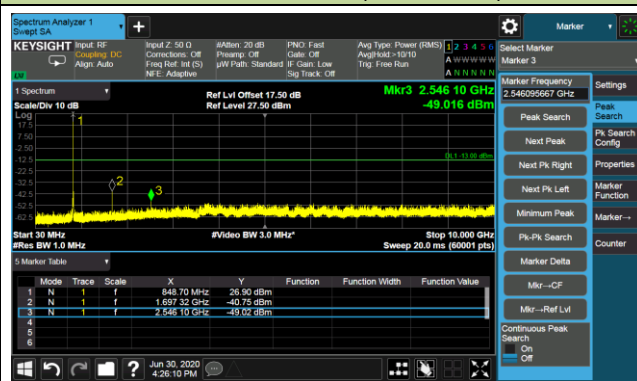
Channel 26715 (816.5MHz)



Channel 26865 (831.5MHz)

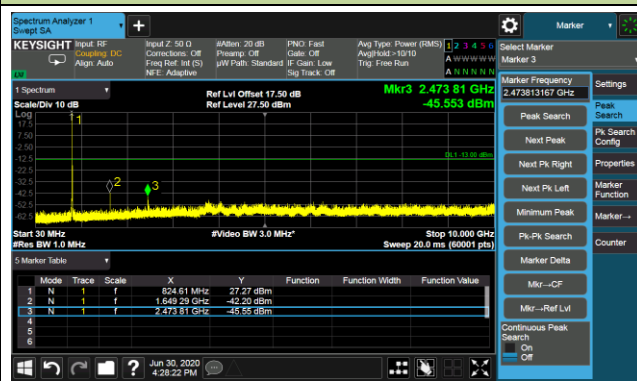


Channel 27015 (846.5MHz)

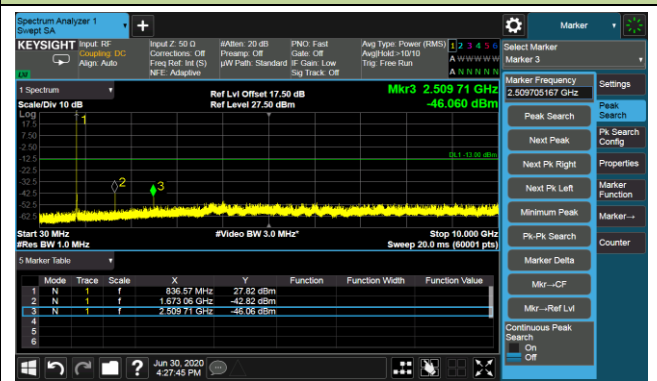


10MHz Channel Bandwidth

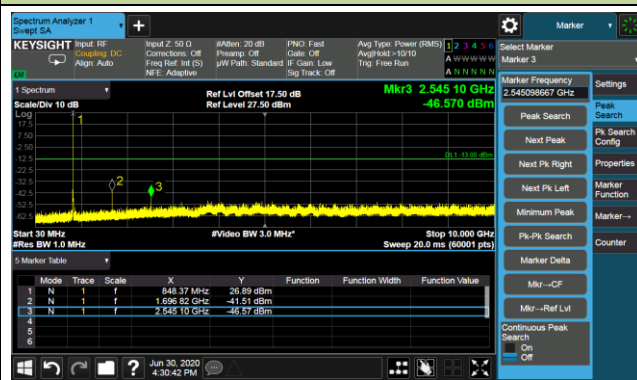
Channel 26740 (819MHz)



Channel 26865 (831.5MHz)



Channel 26990 (844MHz)

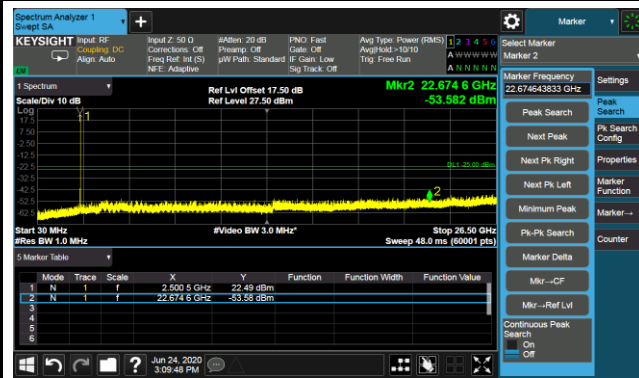


| | | | |
|-----------|-------------------------|---------------|-----------|
| Product | LTE-A Cat 12 M.2 Module | Test Engineer | Candy Luo |
| Test Date | 2020/06/30 | Test Site | SR6 |
| Test Band | Band 7 | Test Result | Pass |

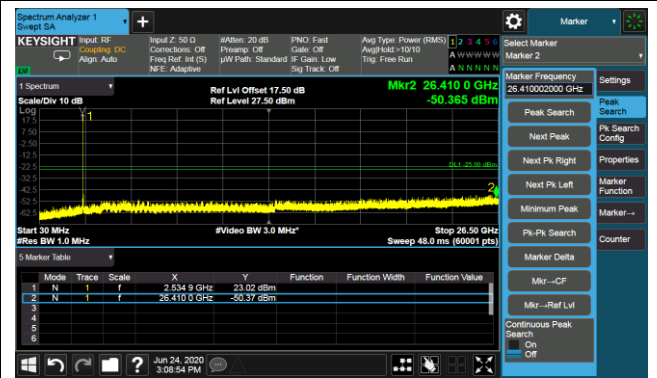
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 20775 | 2502.5 | 5 | 30 ~ 26500 | -53.58 | ≤ -25.00 | Pass |
| 21100 | 2535.0 | 5 | 30 ~ 26500 | -50.37 | ≤ -25.00 | Pass |
| 21425 | 2567.5 | 5 | 30 ~ 26500 | -51.18 | ≤ -25.00 | Pass |
| 20800 | 2505.0 | 10 | 30 ~ 26500 | -49.67 | ≤ -25.00 | Pass |
| 21100 | 2535.0 | 10 | 30 ~ 26500 | -51.39 | ≤ -25.00 | Pass |
| 21400 | 2565.0 | 10 | 30 ~ 26500 | -49.93 | ≤ -25.00 | Pass |
| 20825 | 2507.5 | 15 | 30 ~ 26500 | -50.96 | ≤ -25.00 | Pass |
| 21100 | 2535.0 | 15 | 30 ~ 26500 | -52.51 | ≤ -25.00 | Pass |
| 21375 | 2562.5 | 15 | 30 ~ 26500 | -52.02 | ≤ -25.00 | Pass |
| 20850 | 2510.0 | 20 | 30 ~ 26500 | -51.74 | ≤ -25.00 | Pass |
| 21100 | 2535.0 | 20 | 30 ~ 26500 | -51.37 | ≤ -25.00 | Pass |
| 21350 | 2560.0 | 20 | 30 ~ 26500 | -50.64 | ≤ -25.00 | Pass |

5MHz Channel Bandwidth

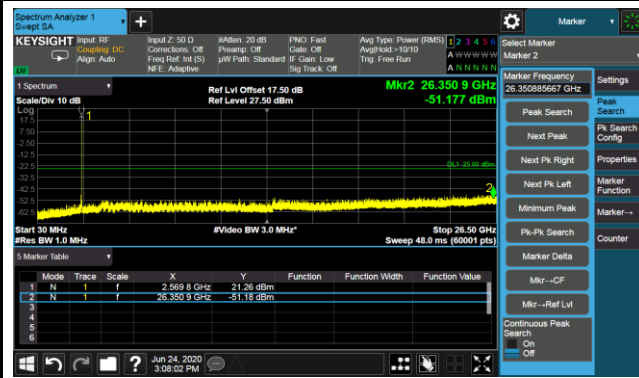
Channel 20775 (2502.5MHz) /



Channel 21100 (2535MHz)



Channel 21425 (2567.5MHz)

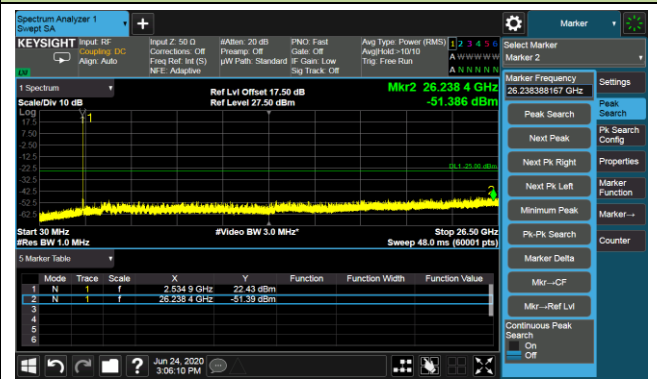


10MHz Channel Bandwidth

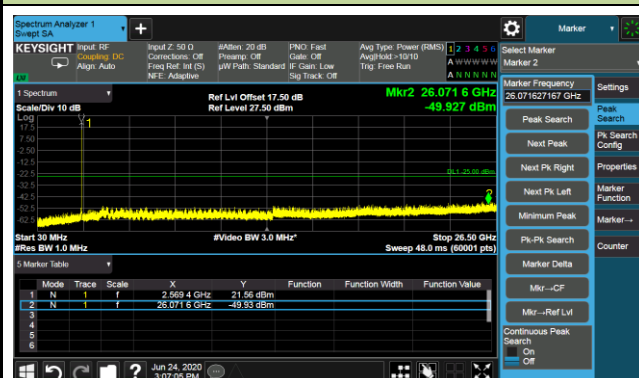
Channel 20800 (2505MHz)



Channel 21100 (2535MHz)

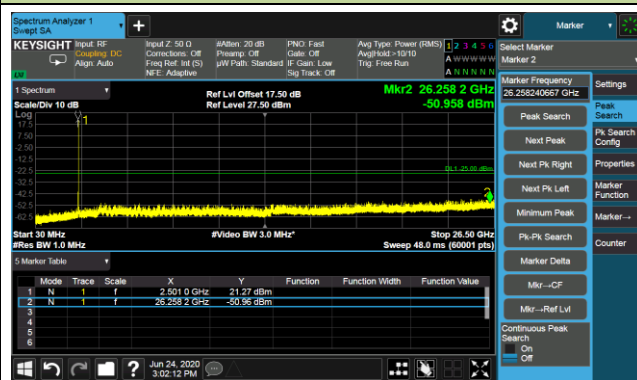


Channel 21400 (2565MHz)

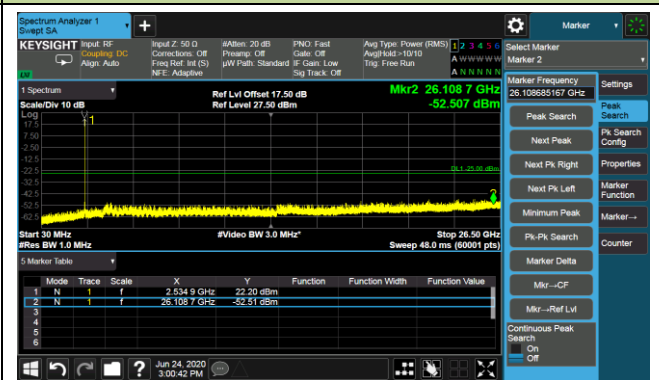


15MHz Channel Bandwidth

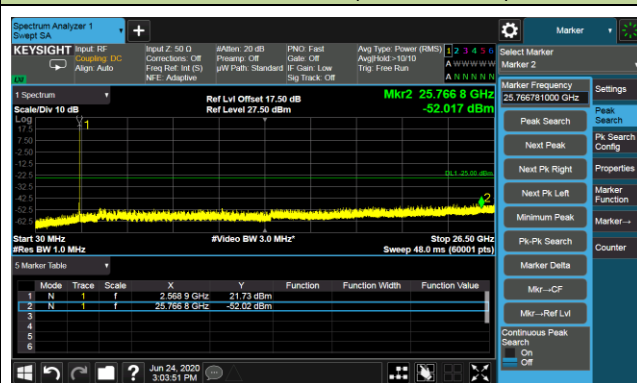
Channel 20825 (2507.5MHz)



Channel 21100 (2535MHz)

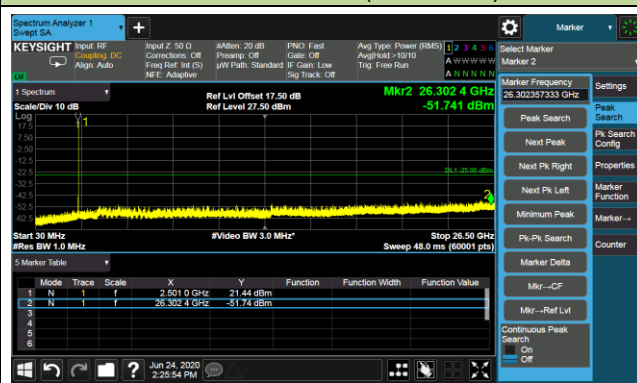


Channel 21375 (2562.5MHz)

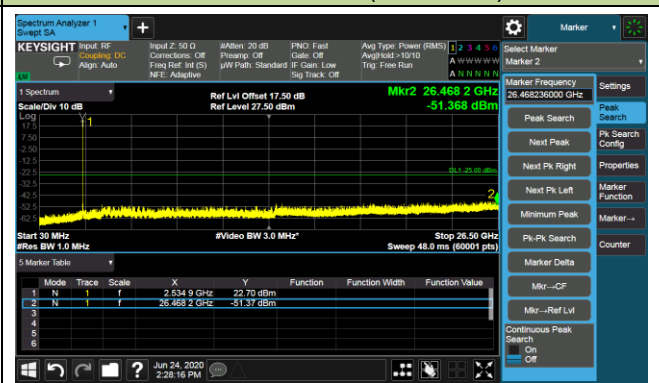


20MHz Channel Bandwidth

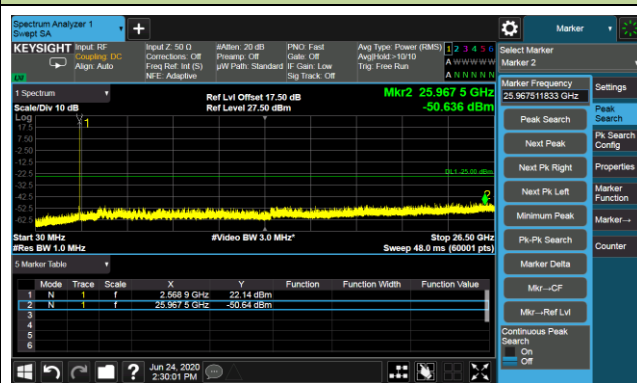
Channel 20850 (2510MHz)



Channel 21100 (2535MHz)



Channel 21350 (2560MHz)

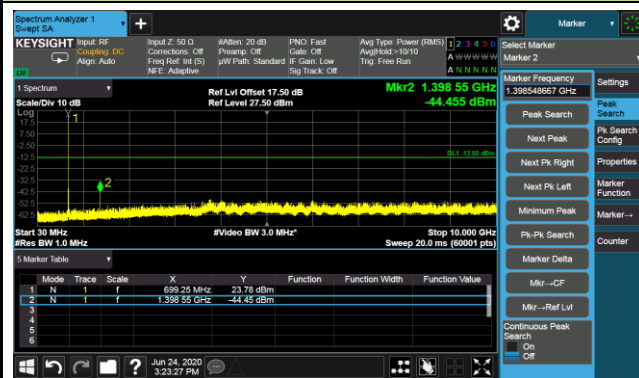


| | | | |
|-----------|-------------------------|---------------|-----------|
| Product | LTE-A Cat 12 M.2 Module | Test Engineer | Candy Luo |
| Test Date | 2020/06/24 | Test Site | SR6 |
| Test Band | Band 12 | Test Result | Pass |

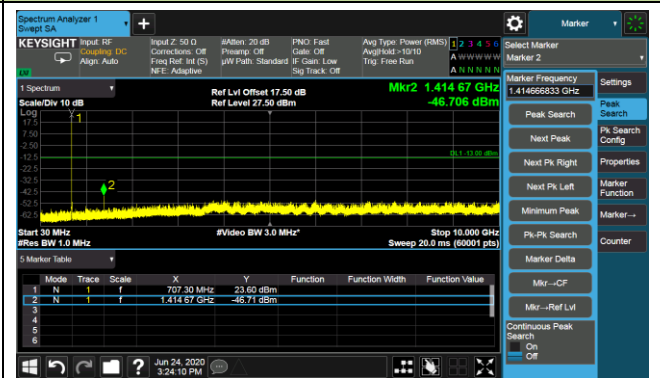
| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 23017 | 699.7 | 1.4 | 30 ~ 10000 | -44.45 | ≤ -13.00 | Pass |
| 23095 | 707.5 | 1.4 | 30 ~ 10000 | -46.71 | ≤ -13.00 | Pass |
| 23173 | 715.3 | 1.4 | 30 ~ 10000 | -45.47 | ≤ -13.00 | Pass |
| 23025 | 700.5 | 3 | 30 ~ 10000 | -47.19 | ≤ -13.00 | Pass |
| 23095 | 707.5 | 3 | 30 ~ 10000 | -47.14 | ≤ -13.00 | Pass |
| 23165 | 714.5 | 3 | 30 ~ 10000 | -46.95 | ≤ -13.00 | Pass |
| 23035 | 701.5 | 5 | 30 ~ 10000 | -47.08 | ≤ -13.00 | Pass |
| 23095 | 707.5 | 5 | 30 ~ 10000 | -47.85 | ≤ -13.00 | Pass |
| 23155 | 713.5 | 5 | 30 ~ 10000 | -46.48 | ≤ -13.00 | Pass |
| 23060 | 704.0 | 10 | 30 ~ 10000 | -45.12 | ≤ -13.00 | Pass |
| 23095 | 707.5 | 10 | 30 ~ 10000 | -45.36 | ≤ -13.00 | Pass |
| 23130 | 711.0 | 10 | 30 ~ 10000 | -48.62 | ≤ -13.00 | Pass |

1.4MHz Channel Bandwidth

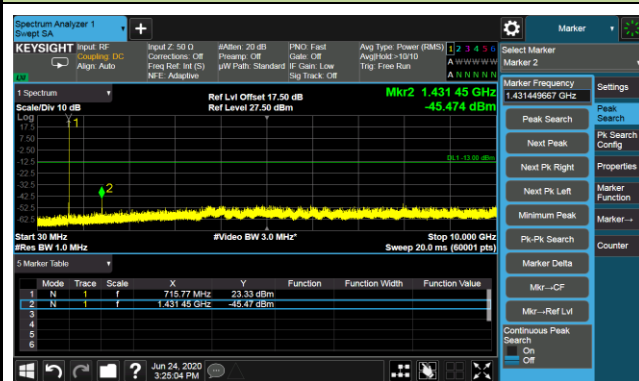
Channel 23017 (699.7MHz)



Channel 23095 (707.5MHz)

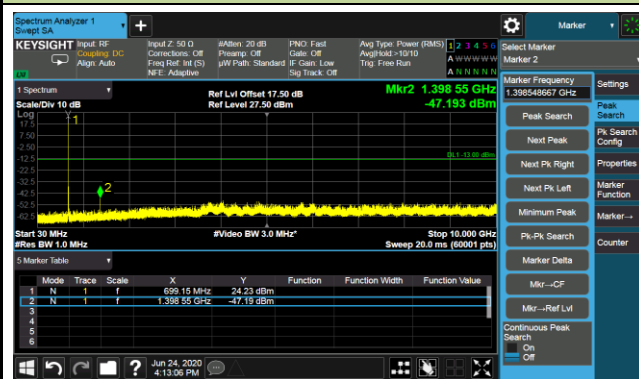


Channel 23173 (715.3MHz)

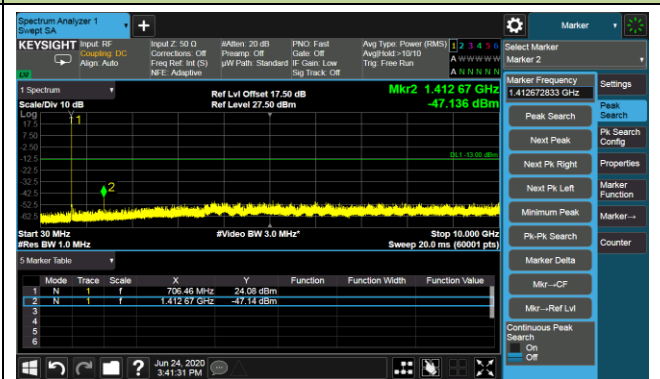


3MHz Channel Bandwidth

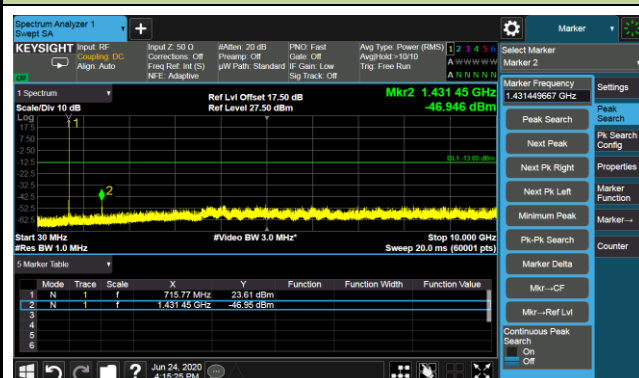
Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)

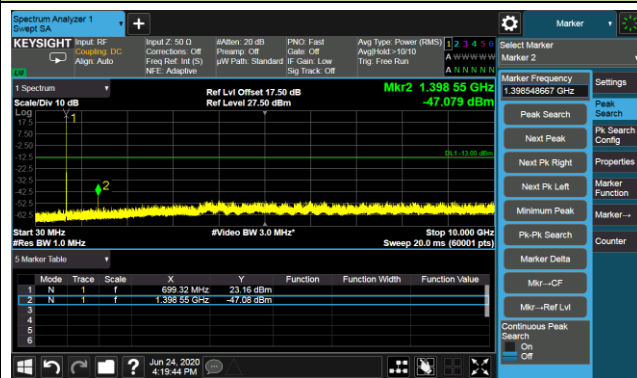


Channel 23165 (714.5MHz)

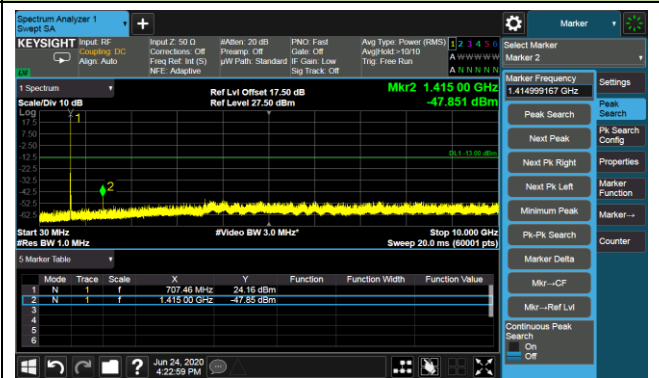


5MHz Channel Bandwidth

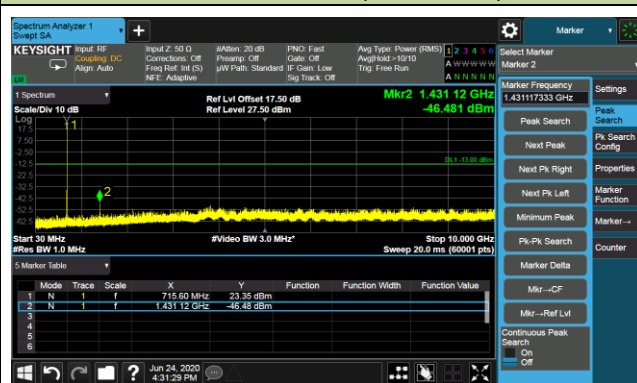
Channel 23035 (701.5MHz)



Channel 23095 (707.5MHz)

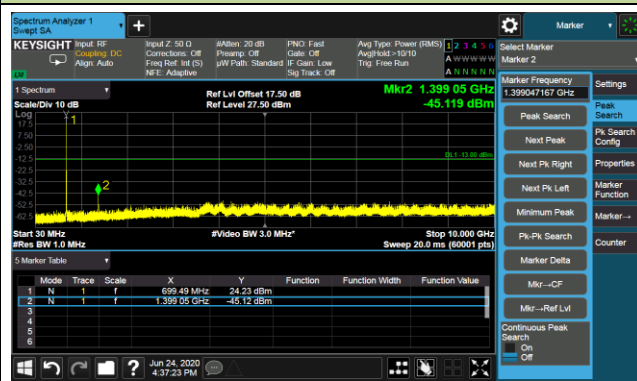


Channel 23165 (714.5MHz)

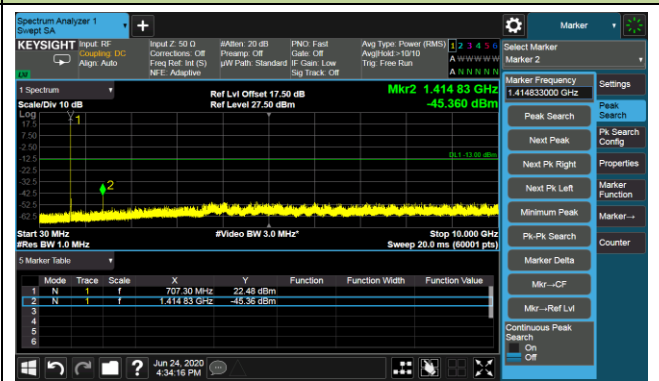


10MHz Channel Bandwidth

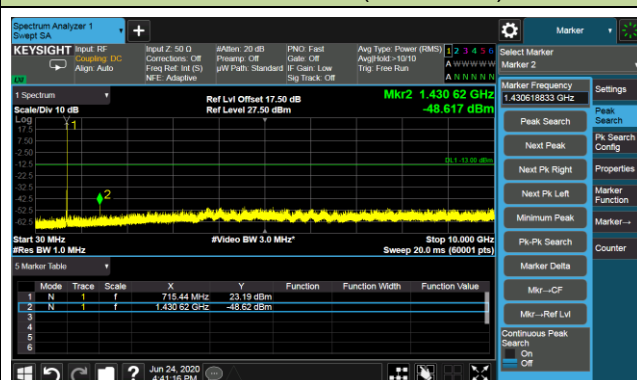
Channel 23060 (704.0MHz)



Channel 23095 (707.5MHz)



Channel 23130 (711.0MHz)



| | | | |
|-----------|-------------------------|---------------|-----------|
| Product | LTE-A Cat 12 M.2 Module | Test Engineer | Candy Luo |
| Test Date | 2020/06/24 | Test Site | SR6 |
| Test Band | Band 13 | Test Result | Pass |

| Channel | Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------|-----------------|-------------------------|-----------------------|------------------------------|-------------|--------|
| 23205 | 779.5 | 5 | 30 ~ 10000 | -48.72 | ≤ -13.00 | Pass |
| 23230 | 782.0 | 5 | 30 ~ 10000 | -47.40 | ≤ -13.00 | Pass |
| 23255 | 784.5 | 5 | 30 ~ 10000 | -45.76 | ≤ -13.00 | Pass |
| 23230 | 782.0 | 10 | 30 ~ 10000 | -47.31 | ≤ -13.00 | Pass |