

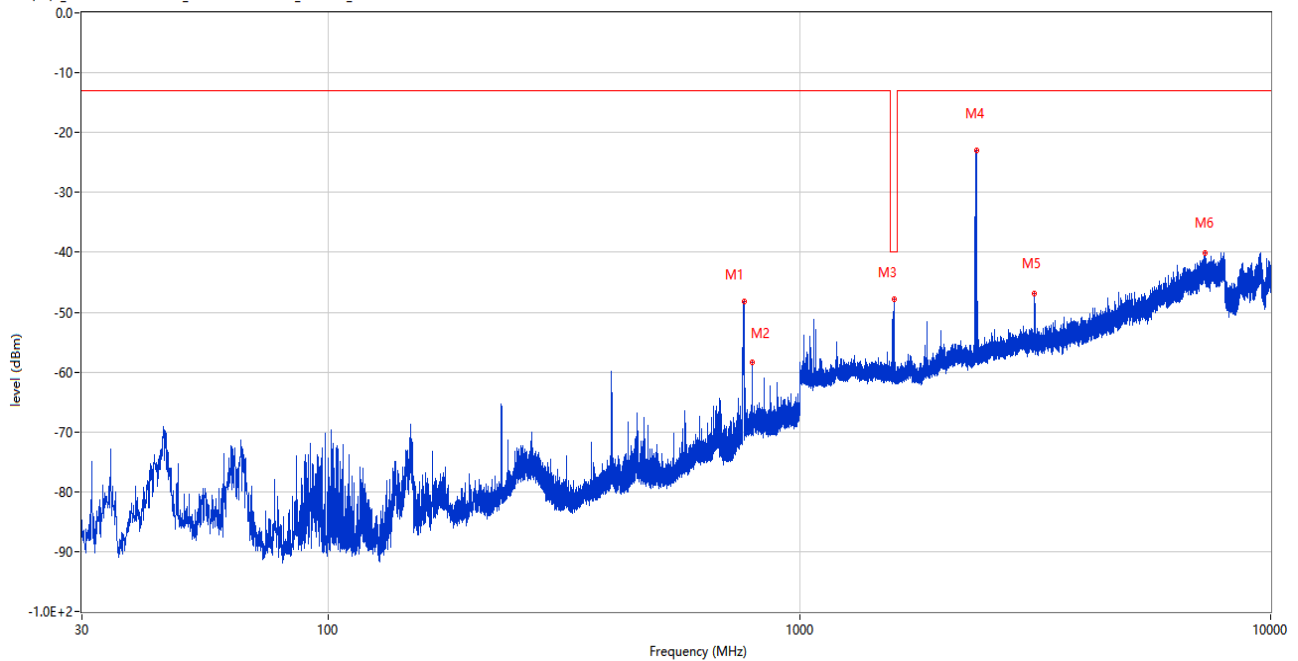
---

## **A.7 Field Strength of Spurious Radiation**

Note: The following are verification test data for Radiated emissions (UE) - traffic mode with worse case.

Band:LTE CAT-M B14 Channel:LOW BW:5M

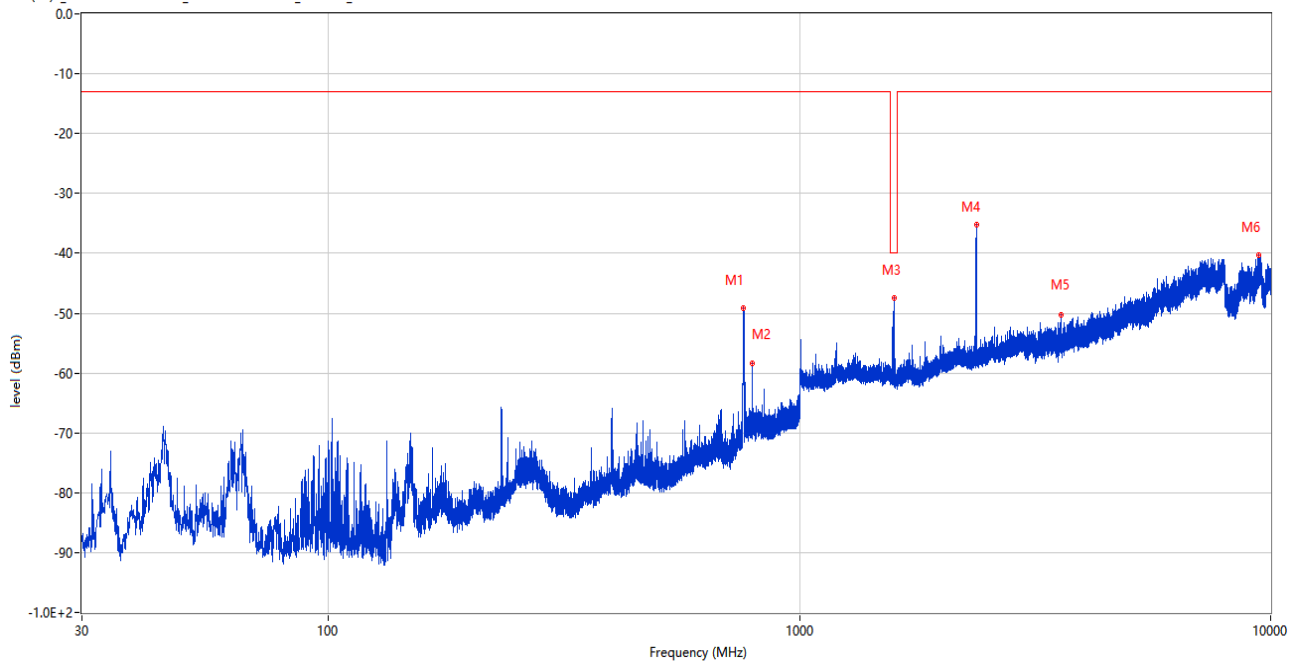
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 761.914         | -48.25       | 2.14        | -13.0       | 35.25       | 53.00     | Horizontal | Horizontal | N/A     |
| 792.614         | -58.33       | 4.07        | -13.0       | 45.33       | 109.00    | Horizontal | Horizontal | N/A     |
| 1586.100        | -47.89       | -6.15       | -40.0       | 7.89        | 135.00    | Horizontal | Horizontal | Pass    |
| 2378.000        | -22.99       | -2.00       | -13.0       | 9.99        | 145.00    | Horizontal | Horizontal | Pass    |
| 3156.250        | -46.90       | 3.66        | -13.0       | 33.90       | 280.00    | Horizontal | Horizontal | Pass    |
| 7243.250        | -40.03       | 14.99       | -13.0       | 27.03       | 255.00    | Horizontal | Horizontal | Pass    |

Band:LTE CAT-M B14 Channel:LOW BW:5M

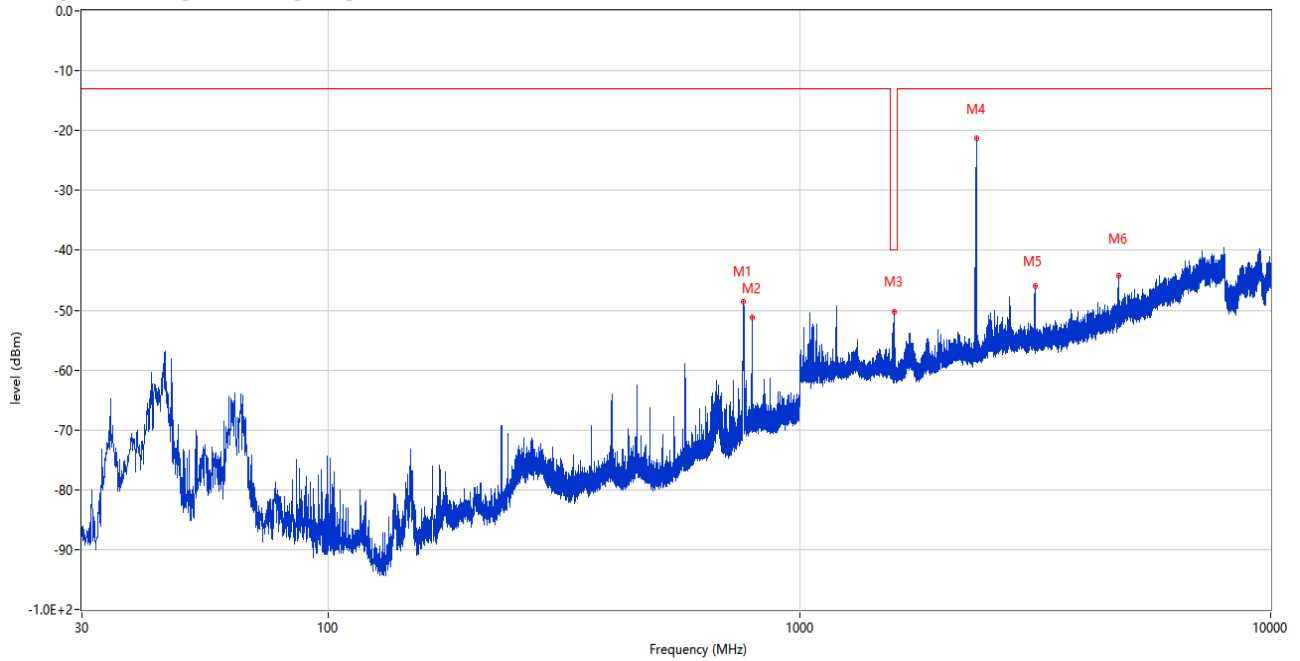
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 761.865         | -49.11       | 2.14        | -13.0       | 36.11       | 60.00     | Horizontal | Vertical | N/A     |
| 792.711         | -58.45       | 4.07        | -13.0       | 45.45       | 43.00     | Horizontal | Vertical | N/A     |
| 1586.100        | -47.48       | -6.15       | -40.0       | 7.48        | 112.00    | Horizontal | Vertical | Pass    |
| 2376.400        | -35.29       | -2.16       | -13.0       | 22.29       | 176.00    | Horizontal | Vertical | Pass    |
| 3599.500        | -50.29       | 4.73        | -13.0       | 37.29       | 63.00     | Horizontal | Vertical | Pass    |
| 9449.400        | -40.24       | 13.78       | -13.0       | 27.24       | 152.00    | Horizontal | Vertical | Pass    |

Band:LTE CAT-M B14 Channel:LOW BW:5M

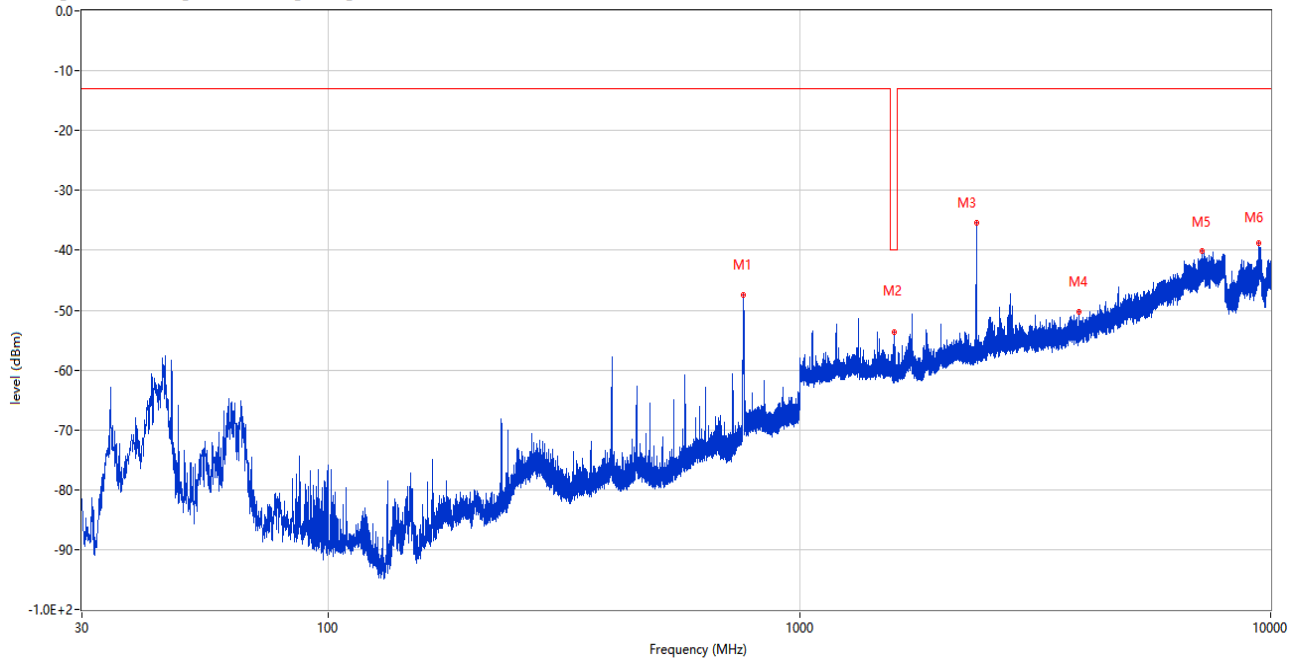
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 758.373         | -48.58       | 1.91        | -13.0       | 35.58       | 0.00      | Vertical | Vertical | N/A     |
| 792.662         | -51.28       | 4.07        | -13.0       | 38.28       | 245.00    | Vertical | Vertical | N/A     |
| 1586.100        | -50.27       | -6.15       | -40.0       | 10.27       | 53.00     | Vertical | Vertical | Pass    |
| 2378.000        | -21.36       | -2.00       | -13.0       | 8.36        | 262.00    | Vertical | Vertical | Pass    |
| 3171.250        | -45.89       | 3.64        | -13.0       | 32.89       | 5.00      | Vertical | Vertical | Pass    |
| 4756.750        | -44.17       | 7.69        | -13.0       | 31.17       | 45.00     | Vertical | Vertical | Pass    |

Band:LTE CAT-M B14 Channel:LOW BW:5M

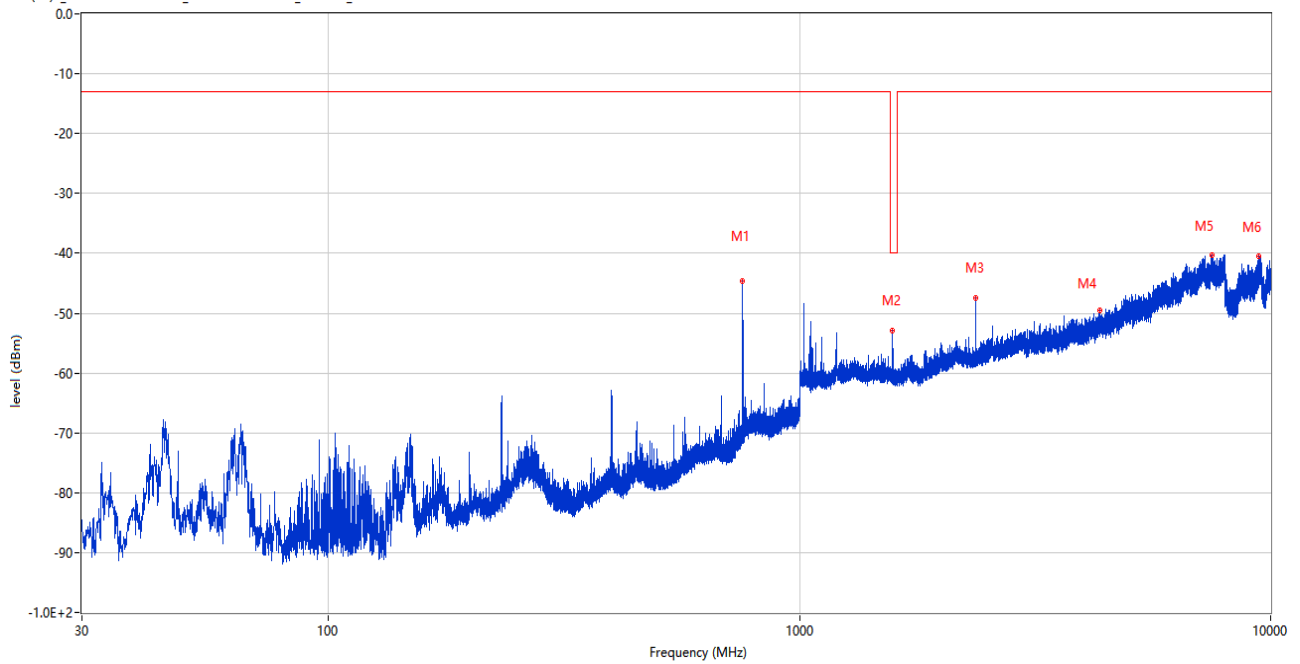
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 758.615         | -47.40       | 1.94        | -13.0       | 34.40       | 0.00      | Vertical | Horizontal | N/A     |
| 1586.000        | -53.75       | -6.14       | -40.0       | 13.75       | 14.00     | Vertical | Horizontal | Pass    |
| 2379.800        | -35.37       | -1.89       | -13.0       | 22.37       | 182.00    | Vertical | Horizontal | Pass    |
| 3921.000        | -50.37       | 6.37        | -13.0       | 37.37       | 13.00     | Vertical | Horizontal | Pass    |
| 7148.000        | -40.16       | 14.30       | -13.0       | 27.16       | 118.00    | Vertical | Horizontal | Pass    |
| 9447.999        | -38.77       | 13.76       | -13.0       | 25.77       | 166.00    | Vertical | Horizontal | Pass    |

Band:NB-IOT B14 Channel:LOW BW:15K

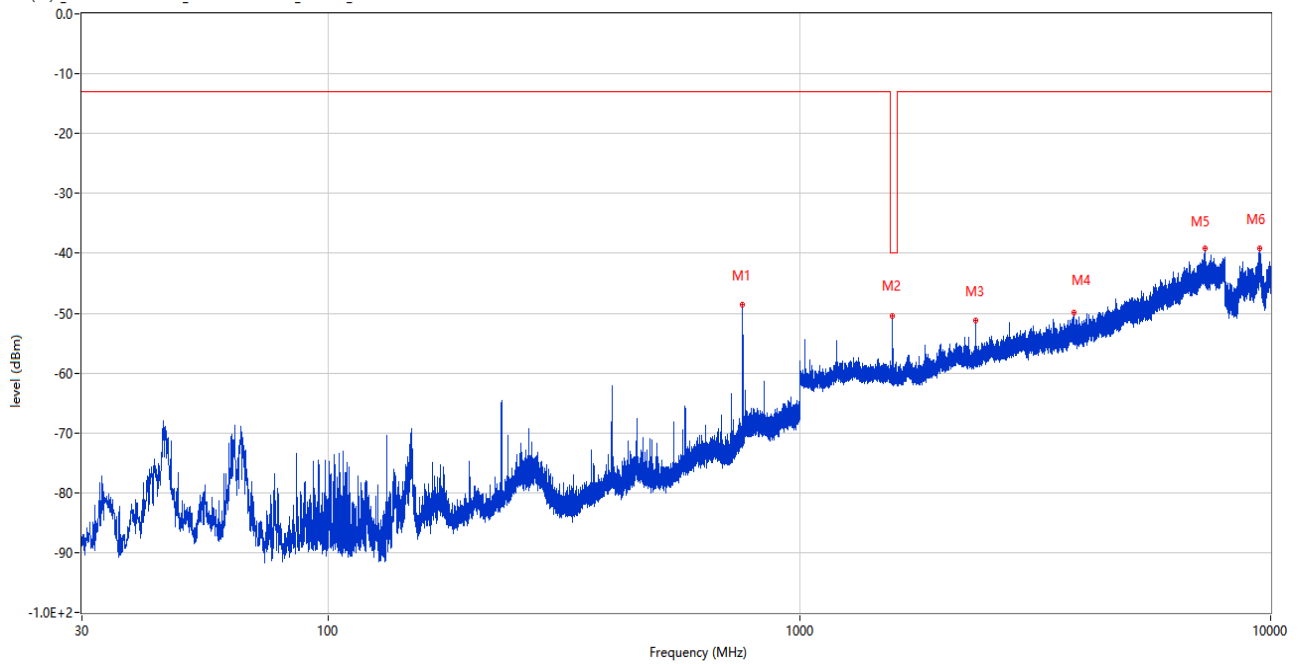
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 758.082         | -44.71       | 1.85        | -13.0       | 31.71       | 105.00    | Horizontal | Horizontal | N/A     |
| 1577.100        | -52.85       | -5.97       | -40.0       | 12.85       | 134.00    | Horizontal | Horizontal | Pass    |
| 2365.100        | -47.45       | -2.44       | -13.0       | 34.45       | 233.00    | Horizontal | Horizontal | Pass    |
| 4341.750        | -49.44       | 7.28        | -13.0       | 36.44       | 183.00    | Horizontal | Horizontal | Pass    |
| 7524.500        | -40.31       | 13.90       | -13.0       | 27.31       | 53.00     | Horizontal | Horizontal | Pass    |
| 9452.401        | -40.40       | 13.73       | -13.0       | 27.40       | 220.00    | Horizontal | Horizontal | Pass    |

Band:NB-IOT B14 Channel:LOW BW:15K

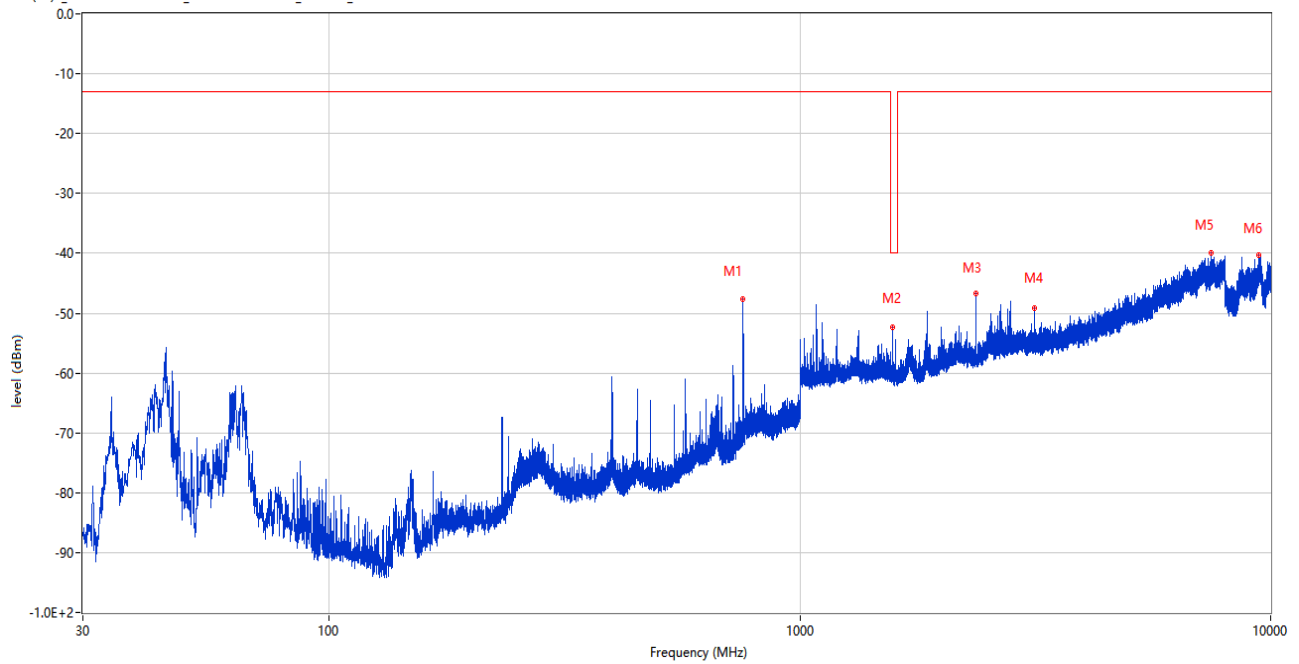
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 758.082         | -48.63       | 1.85        | -13.0       | 35.63       | 118.00    | Horizontal | Vertical | N/A     |
| 1577.100        | -50.39       | -5.97       | -40.0       | 10.39       | 105.00    | Horizontal | Vertical | Pass    |
| 2365.100        | -51.26       | -2.44       | -13.0       | 38.26       | 184.00    | Horizontal | Vertical | Pass    |
| 3822.000        | -49.86       | 5.54        | -13.0       | 36.86       | 86.00     | Horizontal | Vertical | Pass    |
| 7253.750        | -39.20       | 14.74       | -13.0       | 26.20       | 135.00    | Horizontal | Vertical | Pass    |
| 9463.400        | -39.23       | 13.50       | -13.0       | 26.23       | 170.00    | Horizontal | Vertical | Pass    |

Band:NB-IOT B14 Channel:LOW BW:15K

RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz

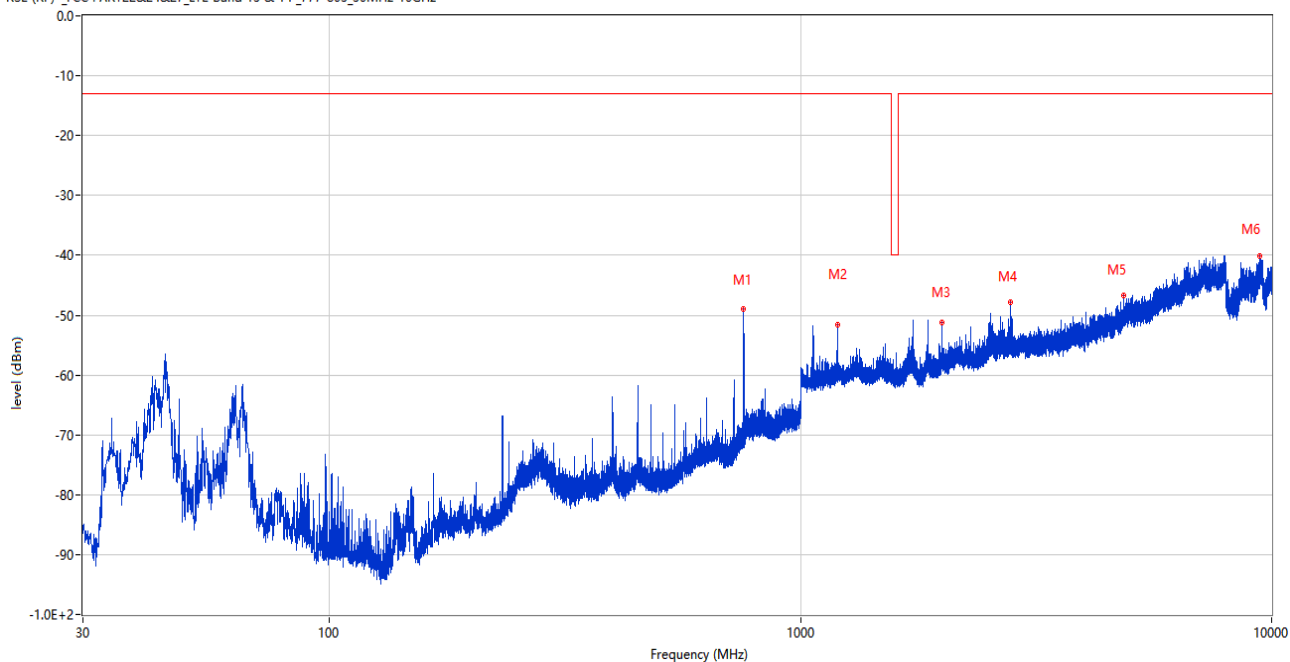


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 758.034         | -47.73       | 1.83        | -13.0       | 34.73       | 319.00    | Vertical | Vertical | N/A     |
| 1577.000        | -52.43       | -5.98       | -40.0       | 12.43       | 185.00    | Vertical | Vertical | Pass    |
| 2364.900        | -46.76       | -2.45       | -13.0       | 33.76       | 50.00     | Vertical | Vertical | Pass    |
| 3152.750        | -49.14       | 3.70        | -13.0       | 36.14       | 153.00    | Vertical | Vertical | Pass    |
| 7479.250        | -39.97       | 14.45       | -13.0       | 26.97       | 129.00    | Vertical | Vertical | Pass    |
| 9453.300        | -40.27       | 13.71       | -13.0       | 27.27       | 99.00     | Vertical | Vertical | Pass    |



Band:NB-IOT B14 Channel:LOW BW:15K

RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 758.034         | -48.99       | 1.83        | -13.0       | 35.99       | 353.00    | Vertical | Horizontal | N/A     |
| 1198.800        | -51.54       | -4.92       | -13.0       | 38.54       | 95.00     | Vertical | Horizontal | Pass    |
| 2000.500        | -51.26       | -3.77       | -13.0       | 38.26       | 77.00     | Vertical | Horizontal | Pass    |
| 2797.100        | -47.79       | 0.43        | -13.0       | 34.79       | 39.00     | Vertical | Horizontal | Pass    |
| 4842.000        | -46.66       | 7.91        | -13.0       | 33.66       | 284.00    | Vertical | Horizontal | Pass    |
| 9449.600        | -40.06       | 13.78       | -13.0       | 27.06       | 308.00    | Vertical | Horizontal | Pass    |

--BLANK BELOW--