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

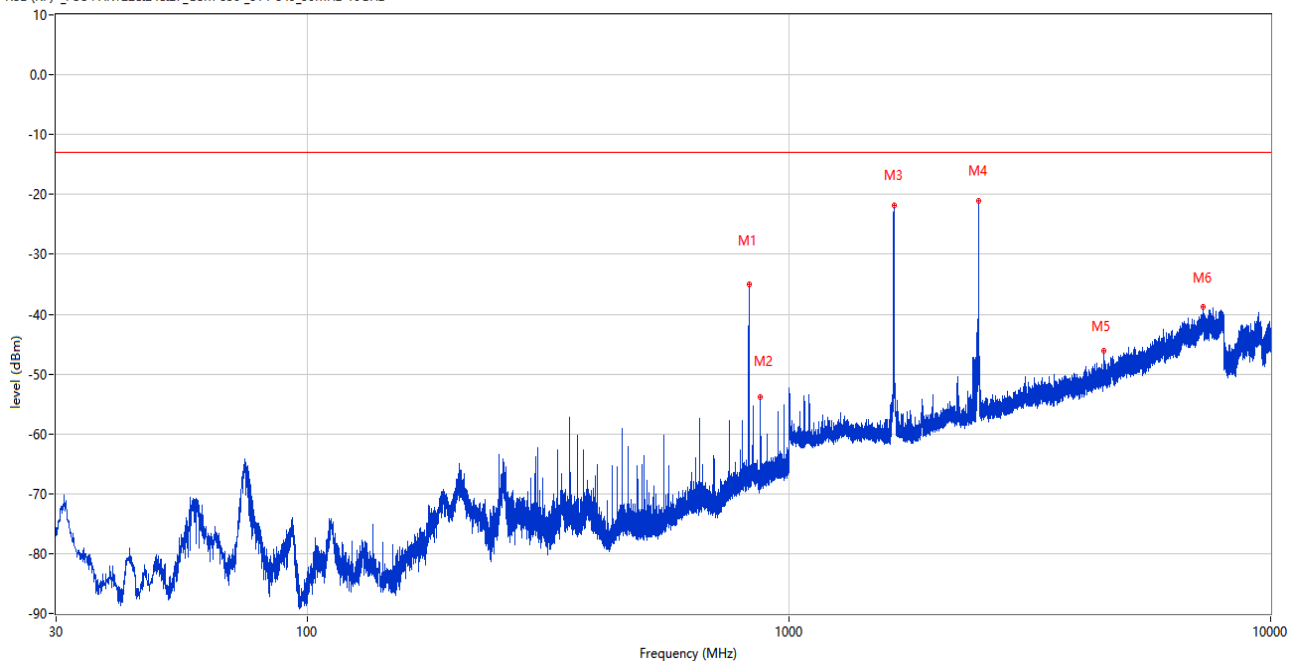
## Upper Card Slot Module

### 1. GPRS

#### 1.1 GPRS 850

Band:GPRS850,Channel:Low range

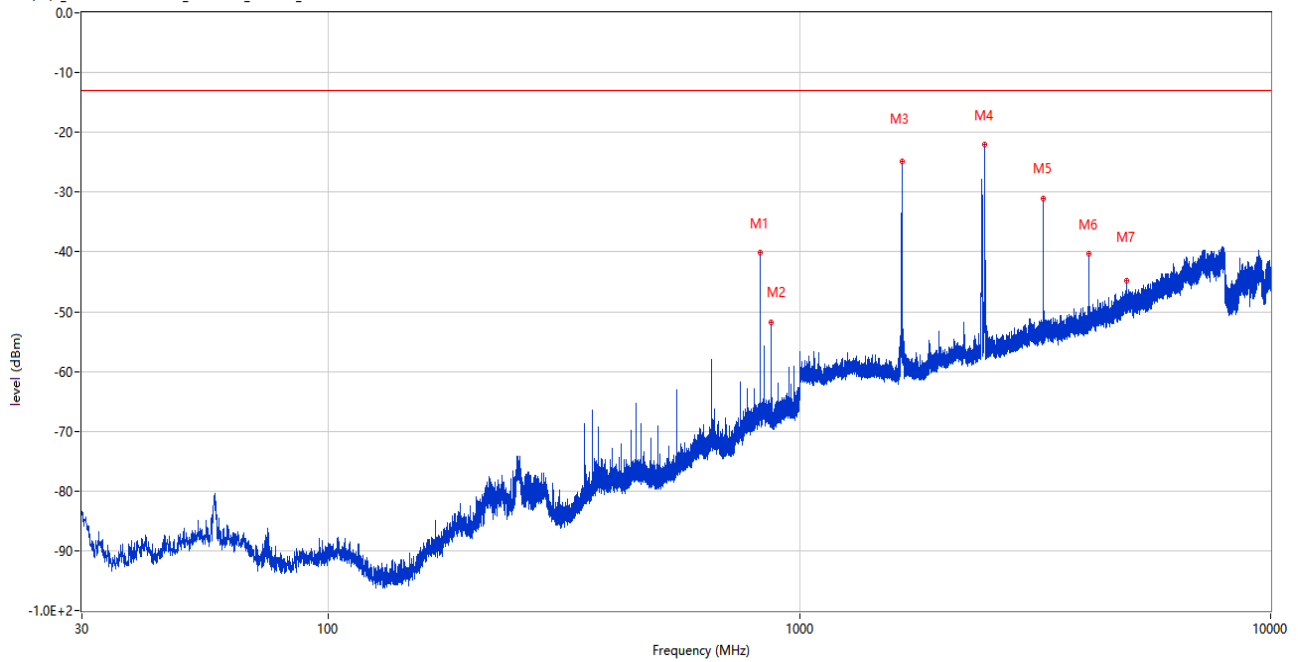
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 824.188         | -35.10       | 4.00        | -13.0       | 22.10       | 107.00    | Horizontal | Horizontal | N/A     |
| 869.147         | -53.84       | 3.40        | -13.0       | 40.84       | 228.00    | Horizontal | Horizontal | N/A     |
| 1649.200        | -21.83       | -5.95       | -13.0       | 8.83        | 360.00    | Horizontal | Horizontal | Pass    |
| 2473.100        | -21.08       | -1.51       | -13.0       | 8.08        | 118.00    | Horizontal | Horizontal | Pass    |
| 4502.500        | -46.17       | 7.70        | -13.0       | 33.17       | 32.00     | Horizontal | Horizontal | Pass    |
| 7231.000        | -38.82       | 14.63       | -13.0       | 25.82       | 320.00    | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:Low range

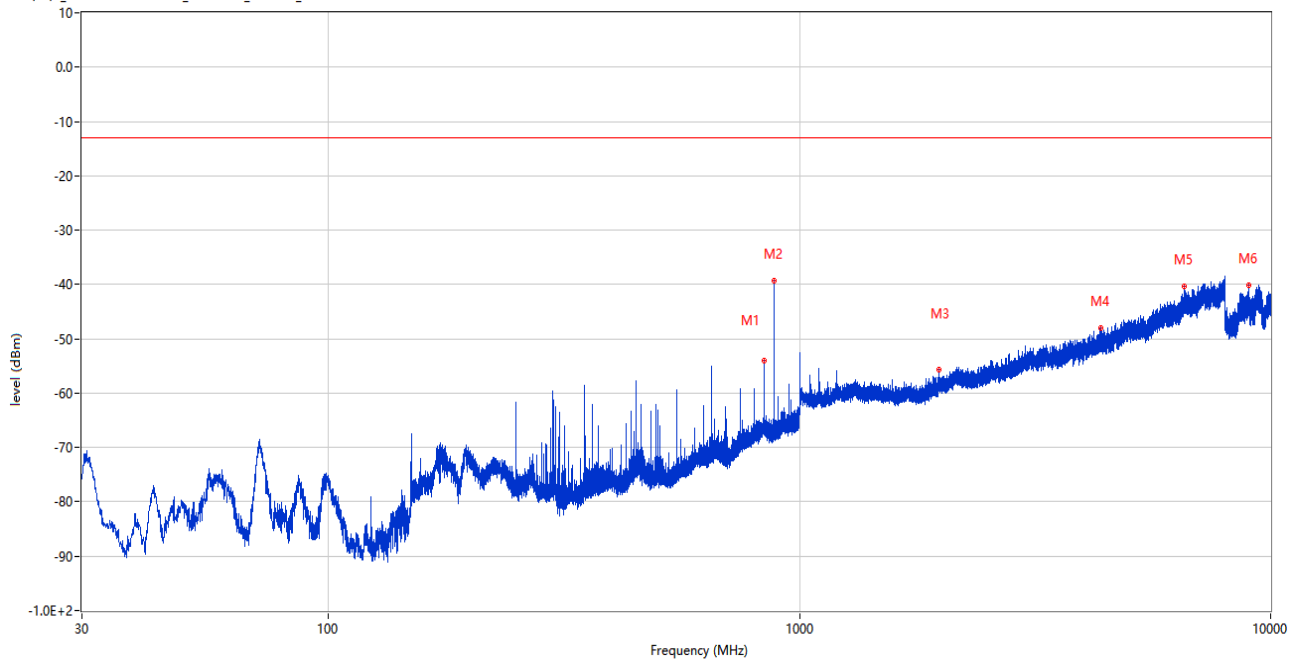
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 824.284         | -40.14       | 4.01        | -13.0       | 27.14       | 265.00    | Vertical | Horizontal | N/A     |
| 869.147         | -51.83       | 3.40        | -13.0       | 38.83       | 21.00     | Vertical | Horizontal | N/A     |
| 1649.200        | -24.83       | -5.95       | -13.0       | 11.83       | 270.00    | Vertical | Horizontal | Pass    |
| 2473.100        | -22.08       | -1.51       | -13.0       | 9.08        | 20.00     | Vertical | Horizontal | Pass    |
| 3297.500        | -31.06       | 4.13        | -13.0       | 18.06       | 5.00      | Vertical | Horizontal | Pass    |
| 4121.750        | -40.33       | 7.15        | -13.0       | 27.33       | 279.00    | Vertical | Horizontal | Pass    |
| 4945.750        | -44.79       | 8.30        | -13.0       | 31.79       | 256.00    | Vertical | Horizontal | Pass    |

Band:GPRS850,Channel:MID range

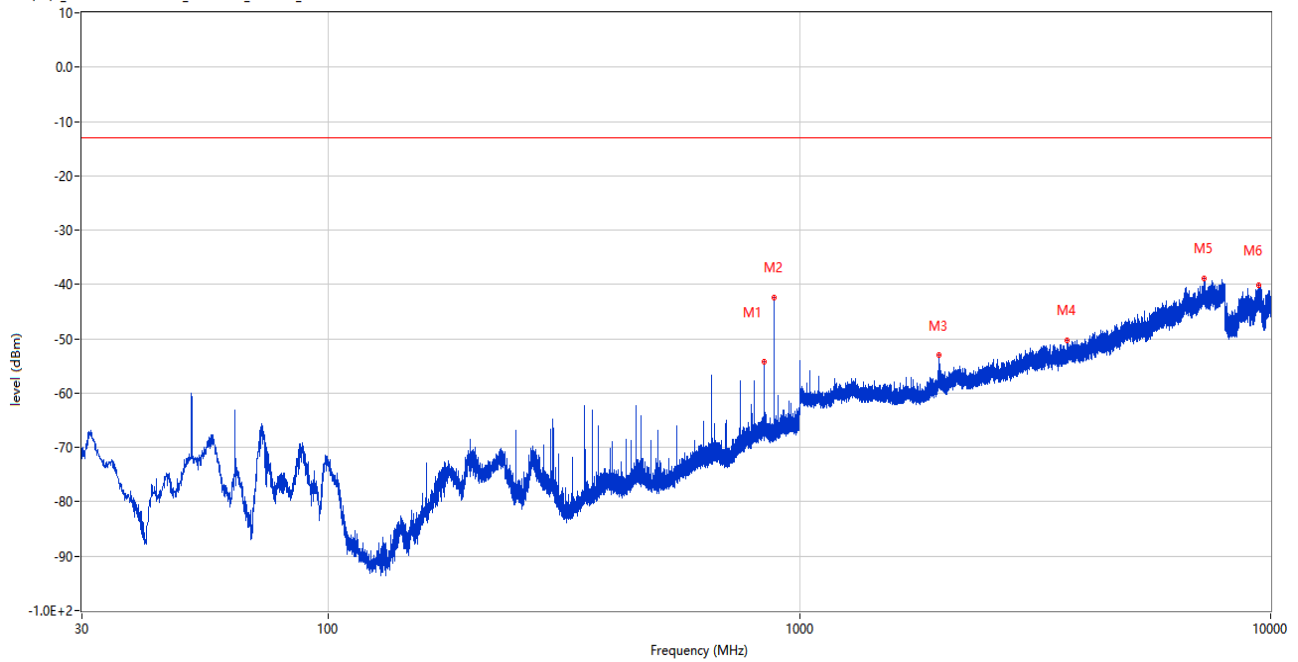
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 836.998         | -53.92       | 4.75        | -13.0       | 40.92       | 360.00    | Horizontal | Horizontal | N/A     |
| 881.612         | -48.14       | 3.61        | -13.0       | 35.14       | 0.00      | Horizontal | Horizontal | N/A     |
| 1972.600        | -55.65       | -3.79       | -13.0       | 42.65       | 60.00     | Horizontal | Horizontal | Pass    |
| 4370.750        | -48.09       | 6.88        | -13.0       | 35.09       | 94.00     | Horizontal | Horizontal | Pass    |
| 6560.000        | -40.34       | 12.64       | -13.0       | 27.34       | 237.00    | Horizontal | Horizontal | Pass    |
| 8994.099        | -40.15       | 12.16       | -13.0       | 27.15       | 360.00    | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:MID range

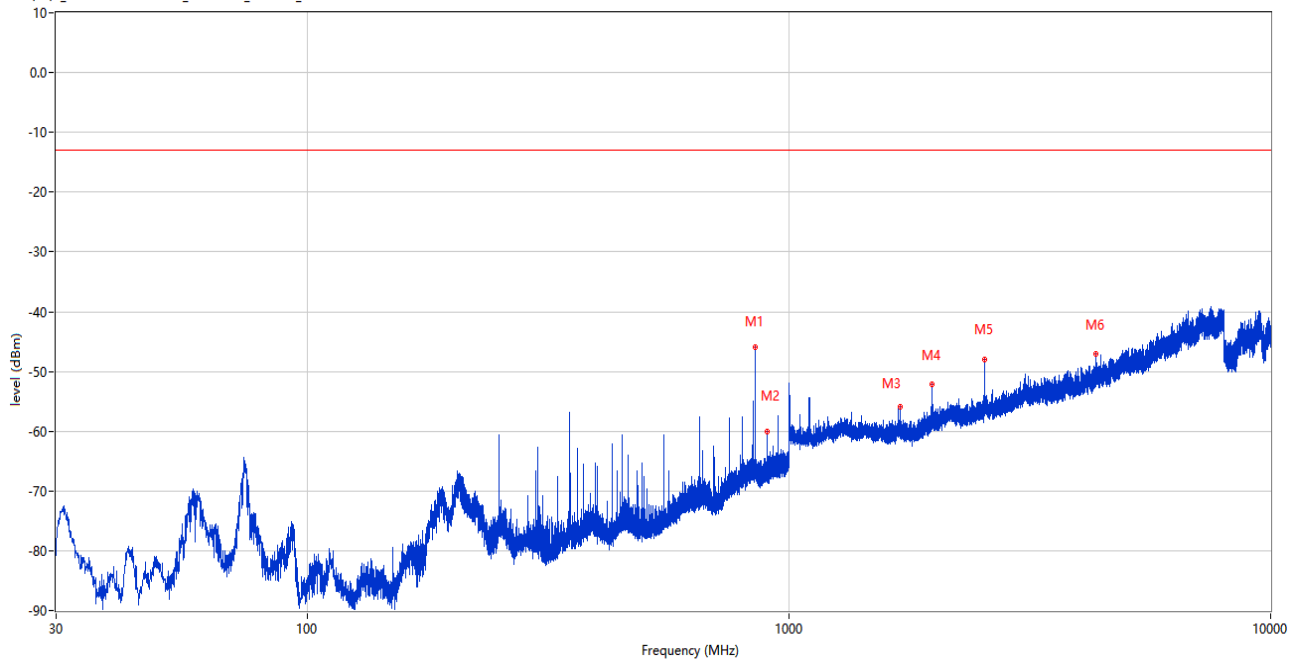
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 836.998         | -54.14       | 4.75        | -13.0       | 41.14       | 335.00    | Vertical | Horizontal | N/A     |
| 881.563         | -42.48       | 3.61        | -13.0       | 29.48       | 148.00    | Vertical | Horizontal | N/A     |
| 1980.700        | -52.95       | -4.04       | -13.0       | 39.95       | 150.00    | Vertical | Horizontal | Pass    |
| 3698.250        | -50.27       | 5.00        | -13.0       | 37.27       | 339.00    | Vertical | Horizontal | Pass    |
| 7228.750        | -38.90       | 14.50       | -13.0       | 25.90       | 230.00    | Vertical | Horizontal | Pass    |
| 9450.599        | -40.10       | 13.77       | -13.0       | 27.10       | 0.00      | Vertical | Horizontal | Pass    |

Band:GPRS850,Channel:HIGH range

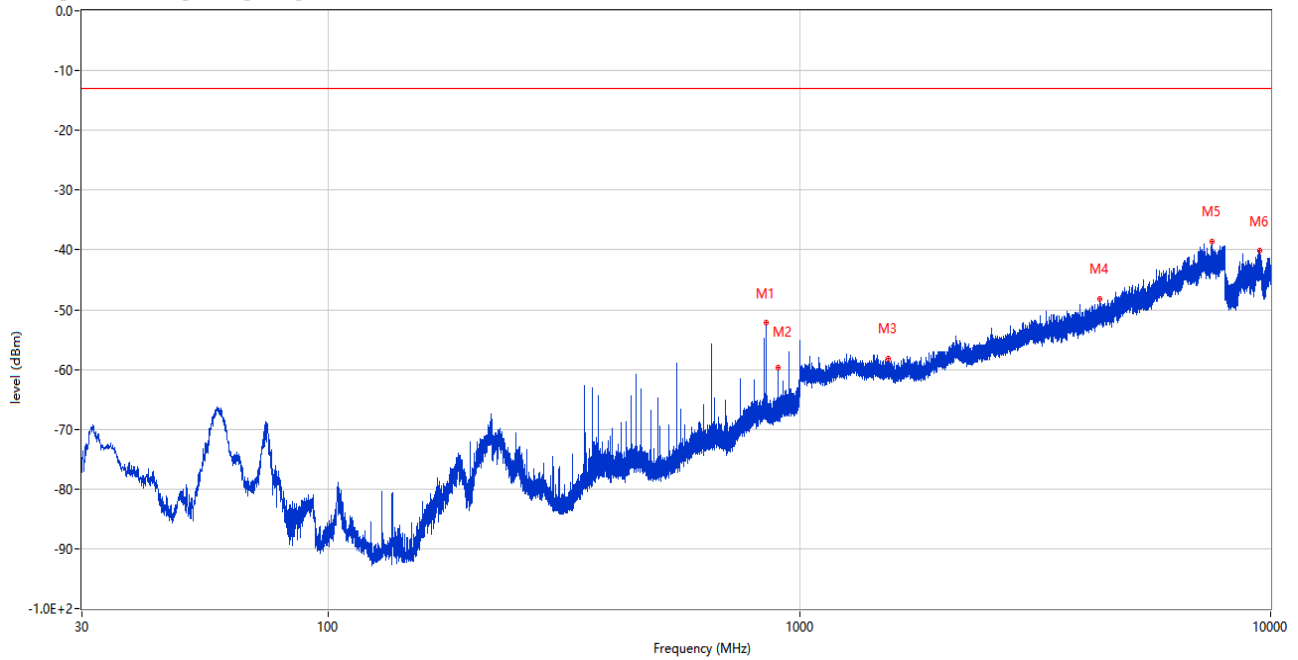
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 848.825         | -45.89       | 4.49        | -13.0       | 32.89       | 113.00    | Horizontal | Horizontal | N/A     |
| 893.993         | -59.99       | 4.01        | -13.0       | 46.99       | 157.00    | Horizontal | Horizontal | Pass    |
| 1697.700        | -55.83       | -4.88       | -13.0       | 42.83       | 360.00    | Horizontal | Horizontal | Pass    |
| 1980.600        | -52.13       | -4.02       | -13.0       | 39.13       | 46.00     | Horizontal | Horizontal | Pass    |
| 2547.000        | -47.96       | -0.48       | -13.0       | 34.96       | 360.00    | Horizontal | Horizontal | Pass    |
| 4336.500        | -47.09       | 6.99        | -13.0       | 34.09       | 203.00    | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

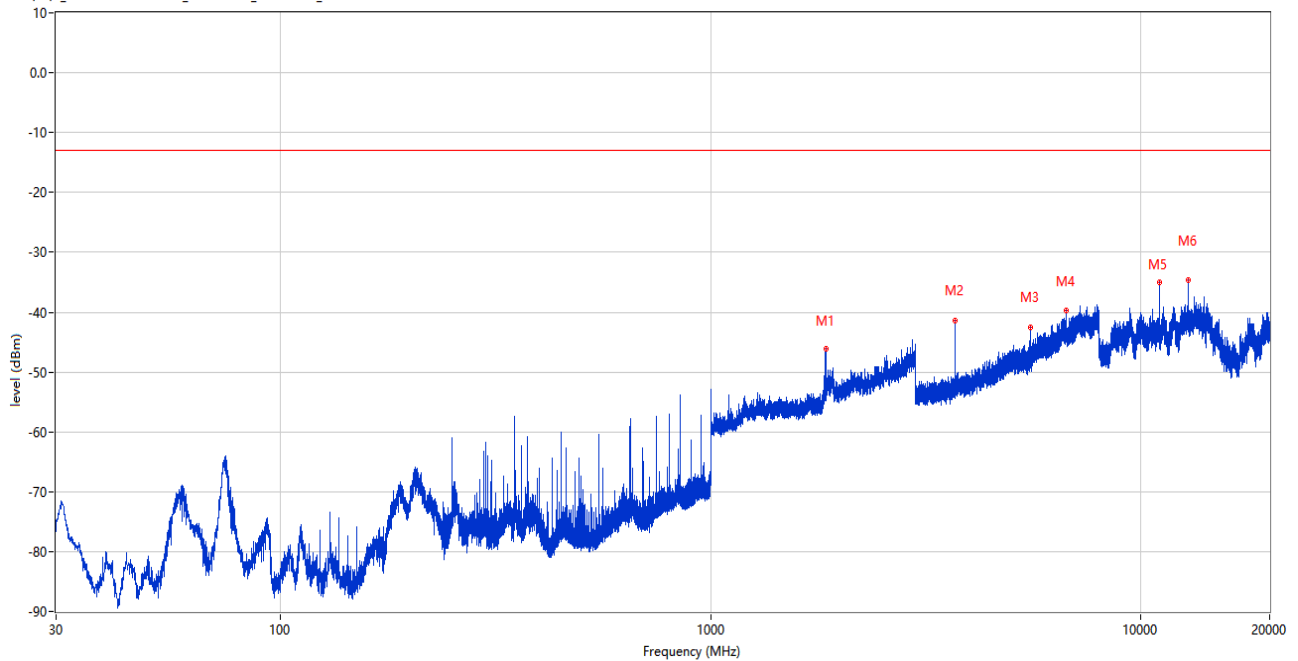


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 848.825         | -52.21       | 4.49        | -13.0       | 39.21       | 87.00     | Vertical | Horizontal | N/A     |
| 893.993         | -59.72       | 4.01        | -13.0       | 46.72       | 126.00    | Vertical | Horizontal | Pass    |
| 1541.500        | -58.26       | -5.41       | -13.0       | 45.26       | 360.00    | Vertical | Horizontal | Pass    |
| 4344.250        | -48.26       | 7.29        | -13.0       | 35.26       | 20.00     | Vertical | Horizontal | Pass    |
| 7521.250        | -38.60       | 13.97       | -13.0       | 25.60       | 347.00    | Vertical | Horizontal | Pass    |
| 9462.400        | -40.17       | 13.52       | -13.0       | 27.17       | 360.00    | Vertical | Horizontal | Pass    |

## 1.2 GPRS 1900

Band:GPRS1900,Channel:Low range

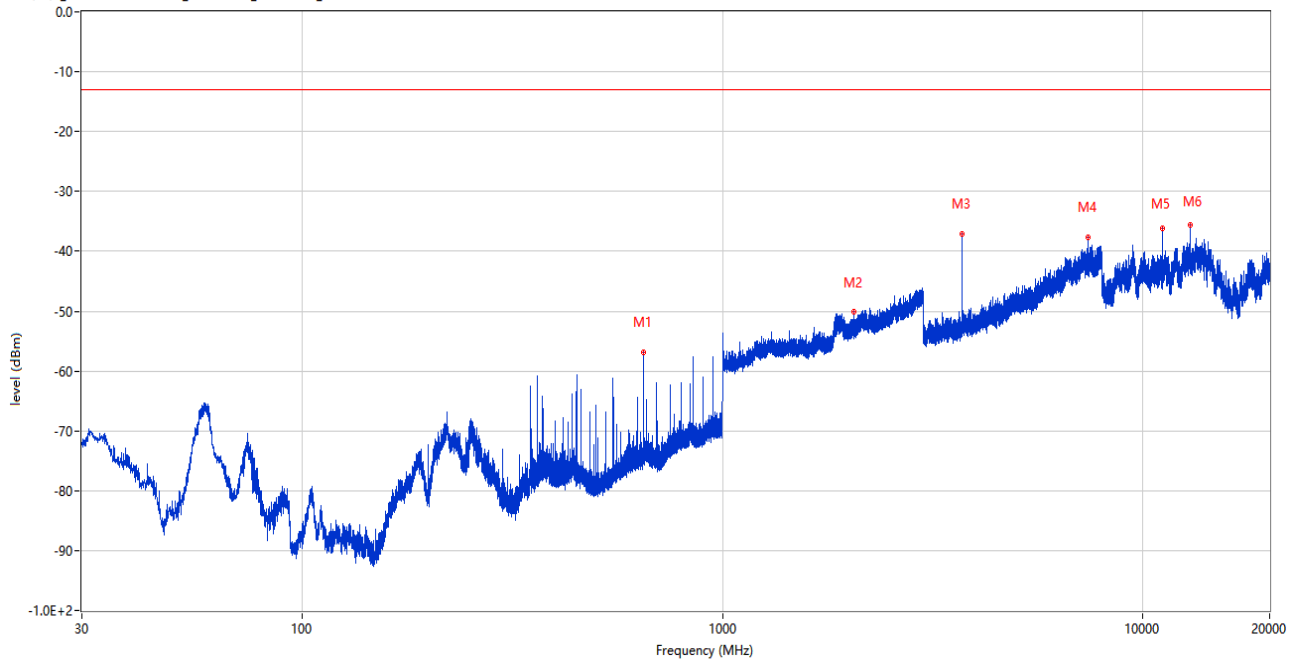
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1850.600        | -46.11       | 1.94        | -13.0       | 33.11       | 360.00    | Horizontal | Horizontal | N/A     |
| 3704.500        | -41.32       | 5.19        | -13.0       | 28.32       | 97.00     | Horizontal | Horizontal | Pass    |
| 5556.500        | -42.46       | 9.59        | -13.0       | 29.46       | 254.00    | Horizontal | Horizontal | Pass    |
| 6707.500        | -39.72       | 13.12       | -13.0       | 26.72       | 290.00    | Horizontal | Horizontal | Pass    |
| 11112.912       | -35.02       | 11.78       | -13.0       | 22.02       | 24.00     | Horizontal | Horizontal | Pass    |
| 12964.963       | -34.71       | 14.84       | -13.0       | 21.71       | 64.00     | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:Low range

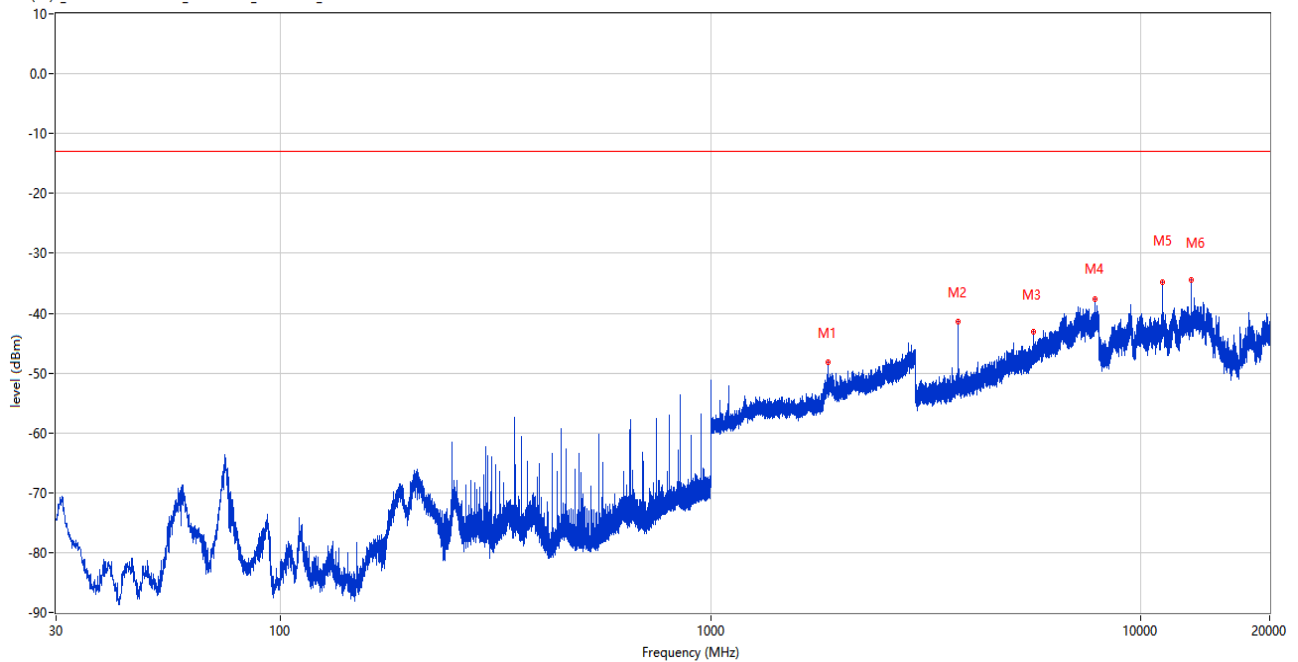
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 649.976         | -56.91       | -4.61       | -13.0       | 43.91       | 137.00    | Vertical | Horizontal | Pass    |
| 2054.200        | -50.12       | 1.48        | -13.0       | 37.12       | 92.00     | Vertical | Horizontal | Pass    |
| 3704.750        | -37.05       | 5.20        | -13.0       | 24.05       | 104.00    | Vertical | Horizontal | Pass    |
| 7408.500        | -37.57       | 14.02       | -13.0       | 24.57       | 345.00    | Vertical | Horizontal | Pass    |
| 11112.674       | -36.07       | 11.78       | -13.0       | 23.07       | 305.00    | Vertical | Horizontal | Pass    |
| 12964.237       | -35.62       | 14.85       | -13.0       | 22.62       | 360.00    | Vertical | Horizontal | Pass    |

Band:GPRS1900,Channel:MID range

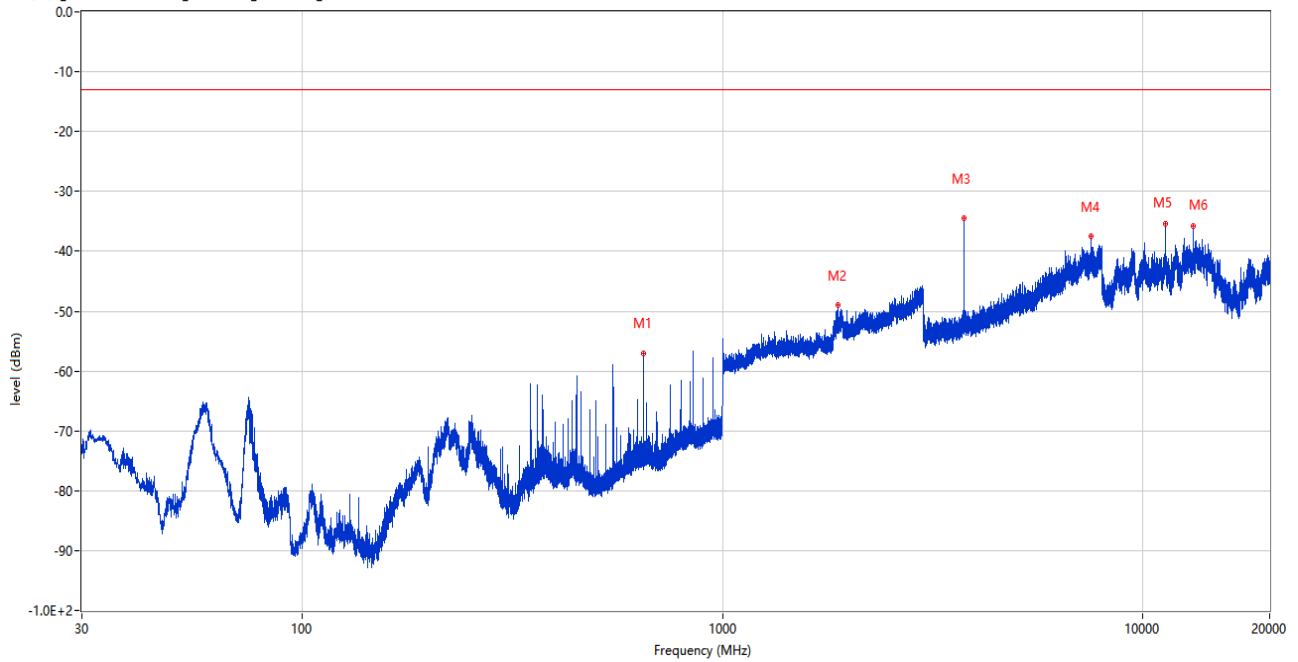
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1880.700        | -48.23       | 2.44        | -13.0       | 35.23       | 356.00    | Horizontal | Horizontal | N/A     |
| 3760.500        | -41.50       | 5.97        | -13.0       | 28.50       | 9.00      | Horizontal | Horizontal | Pass    |
| 5640.750        | -43.13       | 9.93        | -13.0       | 30.13       | 280.00    | Horizontal | Horizontal | Pass    |
| 7853.250        | -37.63       | 14.59       | -13.0       | 24.63       | 18.00     | Horizontal | Horizontal | Pass    |
| 11280.349       | -34.88       | 13.88       | -13.0       | 21.88       | 22.00     | Horizontal | Horizontal | Pass    |
| 13159.625       | -34.49       | 15.30       | -13.0       | 21.49       | 47.00     | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:MID range

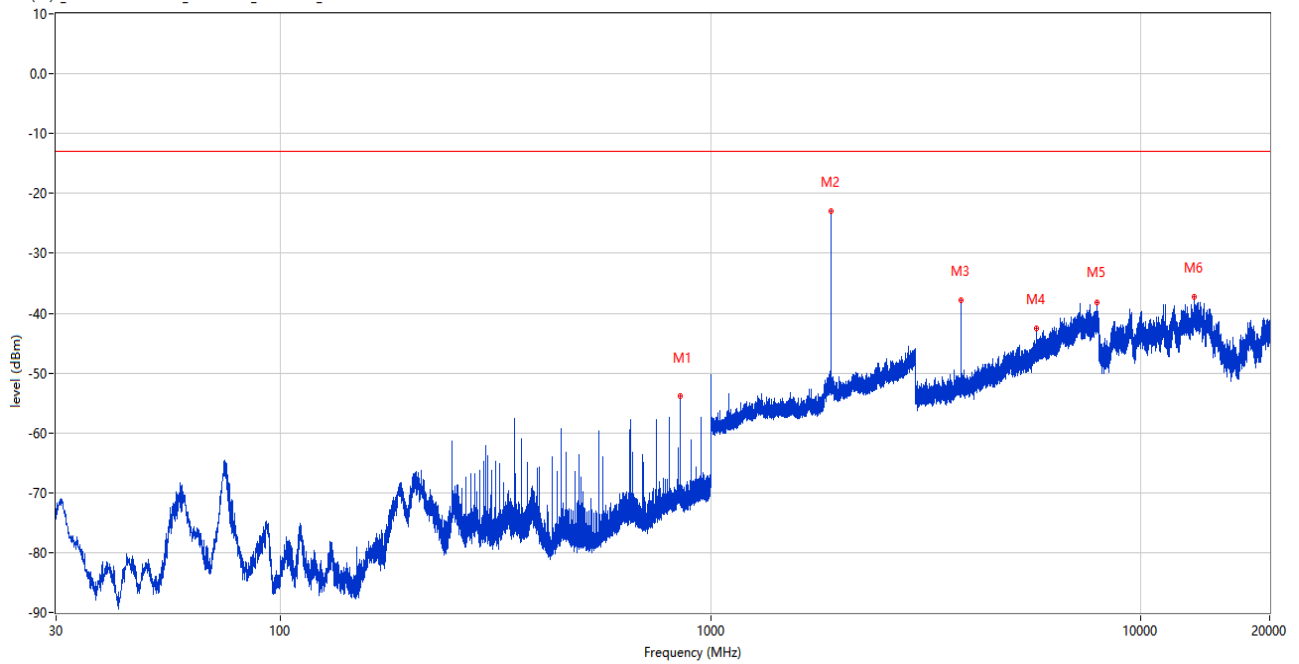
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 650.024         | -56.97       | -4.60       | -13.0       | 43.97       | 147.00    | Vertical | Horizontal | Pass    |
| 1880.900        | -49.04       | 2.45        | -13.0       | 36.04       | 251.00    | Vertical | Horizontal | N/A     |
| 3760.500        | -34.51       | 5.97        | -13.0       | 21.51       | 21.00     | Vertical | Horizontal | Pass    |
| 7520.500        | -37.54       | 13.95       | -13.0       | 24.54       | 285.00    | Vertical | Horizontal | Pass    |
| 11280.825       | -35.42       | 13.89       | -13.0       | 22.42       | 208.00    | Vertical | Horizontal | Pass    |
| 13159.987       | -35.73       | 15.29       | -13.0       | 22.73       | 297.00    | Vertical | Horizontal | Pass    |

Band:GPRS1900,Channel:HIGH range

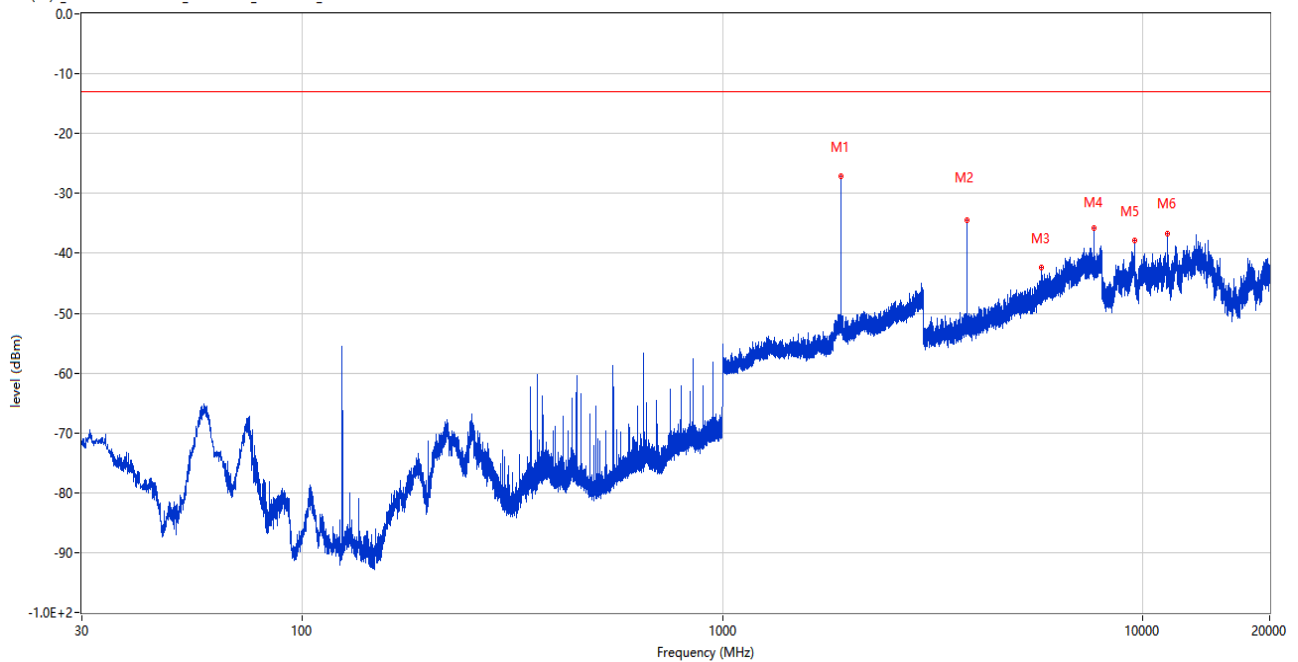
RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 849.990         | -53.85       | -0.50       | -13.0       | 40.85       | 141.00    | Horizontal | Horizontal | Pass    |
| 1909.700        | -23.01       | 2.84        | -13.0       | 10.01       | 360.00    | Horizontal | Horizontal | N/A     |
| 3820.000        | -37.89       | 5.42        | -13.0       | 24.89       | 15.00     | Horizontal | Horizontal | Pass    |
| 5729.750        | -42.61       | 9.95        | -13.0       | 29.61       | 23.00     | Horizontal | Horizontal | Pass    |
| 7916.000        | -38.20       | 14.89       | -13.0       | 25.20       | 229.00    | Horizontal | Horizontal | Pass    |
| 13369.150       | -37.30       | 16.74       | -13.0       | 24.30       | 132.00    | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900\_1830-1920\_30MHz-20GHz



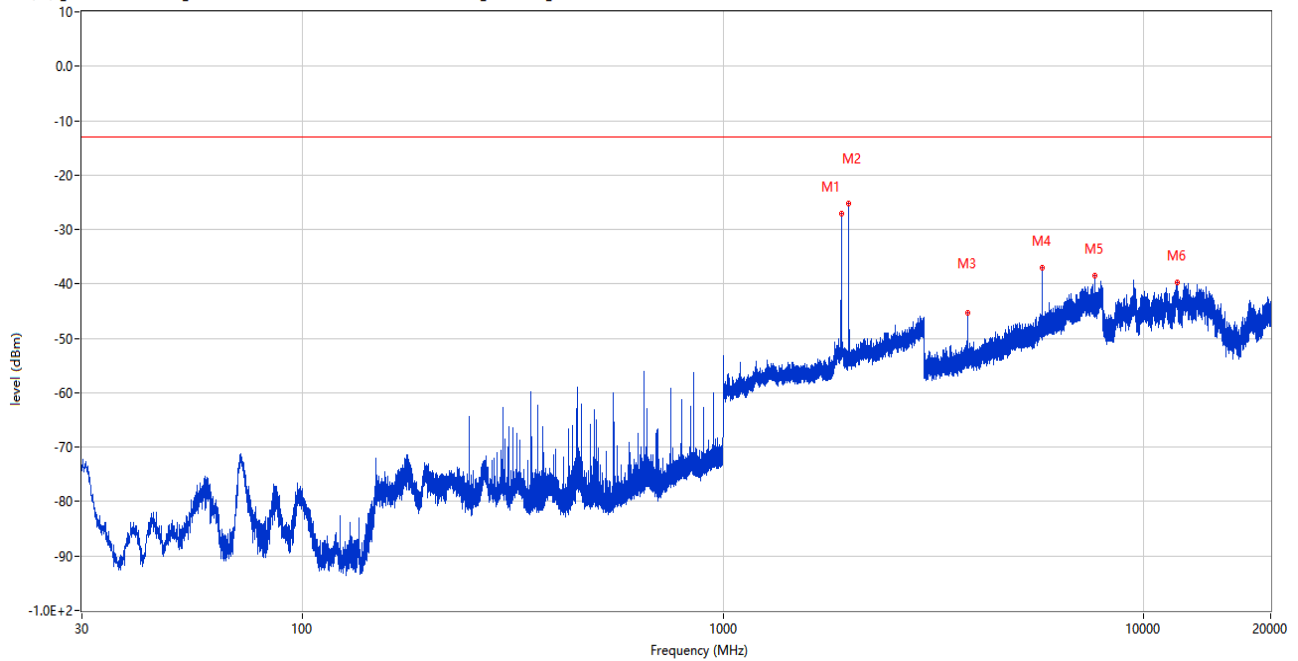
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1909.700        | -27.16       | 2.84        | -13.0       | 14.16       | 65.00     | Vertical | Horizontal | N/A     |
| 3820.250        | -34.55       | 5.45        | -13.0       | 21.55       | 29.00     | Vertical | Horizontal | Pass    |
| 5729.750        | -42.41       | 9.95        | -13.0       | 29.41       | 246.00    | Vertical | Horizontal | Pass    |
| 7640.000        | -35.76       | 13.59       | -13.0       | 22.76       | 269.00    | Vertical | Horizontal | Pass    |
| 9549.688        | -37.88       | 13.32       | -13.0       | 24.88       | 122.00    | Vertical | Horizontal | Pass    |
| 11459.188       | -36.65       | 13.18       | -13.0       | 23.65       | 220.00    | Vertical | Horizontal | Pass    |

## 2. LTE

### 2.1 LTE Band 2

Band:LTE B2 Channel:HIGH range,BW:1.4M

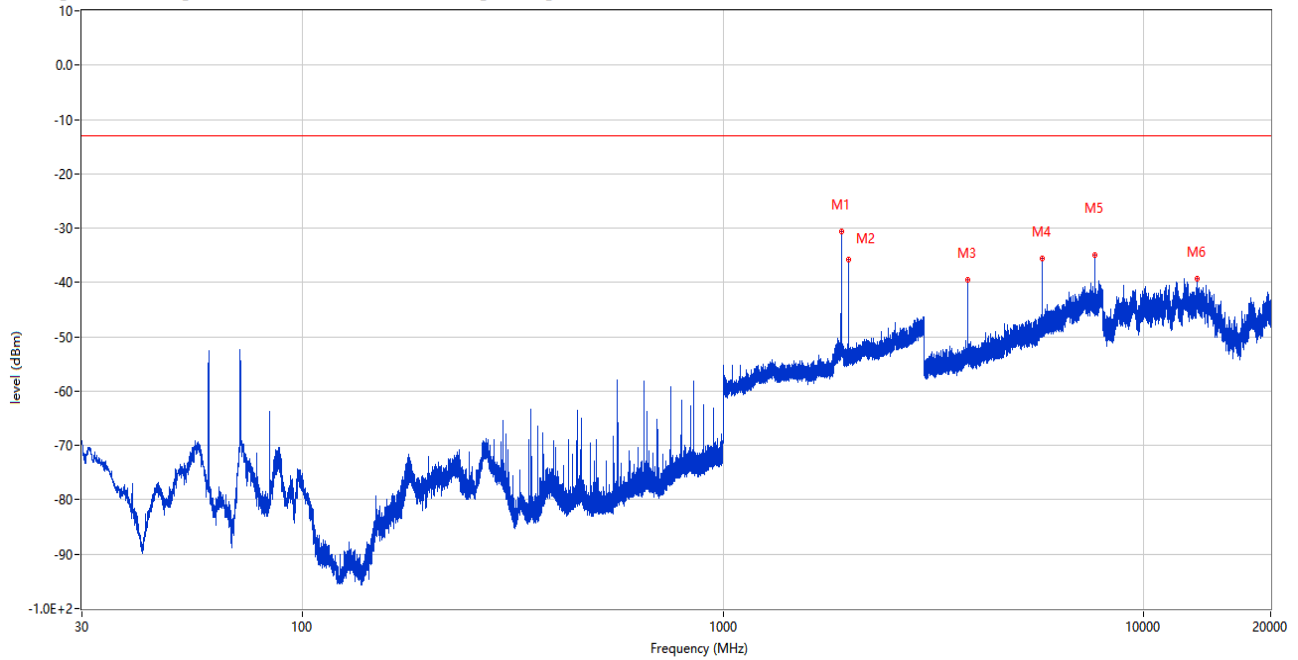
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1909.800        | -27.14       | 2.84        | -13.0       | 14.14       | 352.00    | Horizontal | Horizontal | N/A     |
| 1990.400        | -25.22       | 0.91        | -13.0       | 12.22       | 227.00    | Horizontal | Horizontal | N/A     |
| 3819.000        | -45.30       | 5.46        | -13.0       | 32.30       | 344.00    | Horizontal | Horizontal | Pass    |
| 5728.000        | -36.99       | 10.03       | -13.0       | 23.99       | 39.00     | Horizontal | Horizontal | Pass    |
| 7637.000        | -38.42       | 13.68       | -13.0       | 25.42       | 50.00     | Horizontal | Horizontal | Pass    |
| 11997.838       | -39.74       | 14.01       | -13.0       | 26.74       | 275.00    | Horizontal | Horizontal | Pass    |

Band:LTE B2 Channel:HIGH range,BW:1.4M

RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

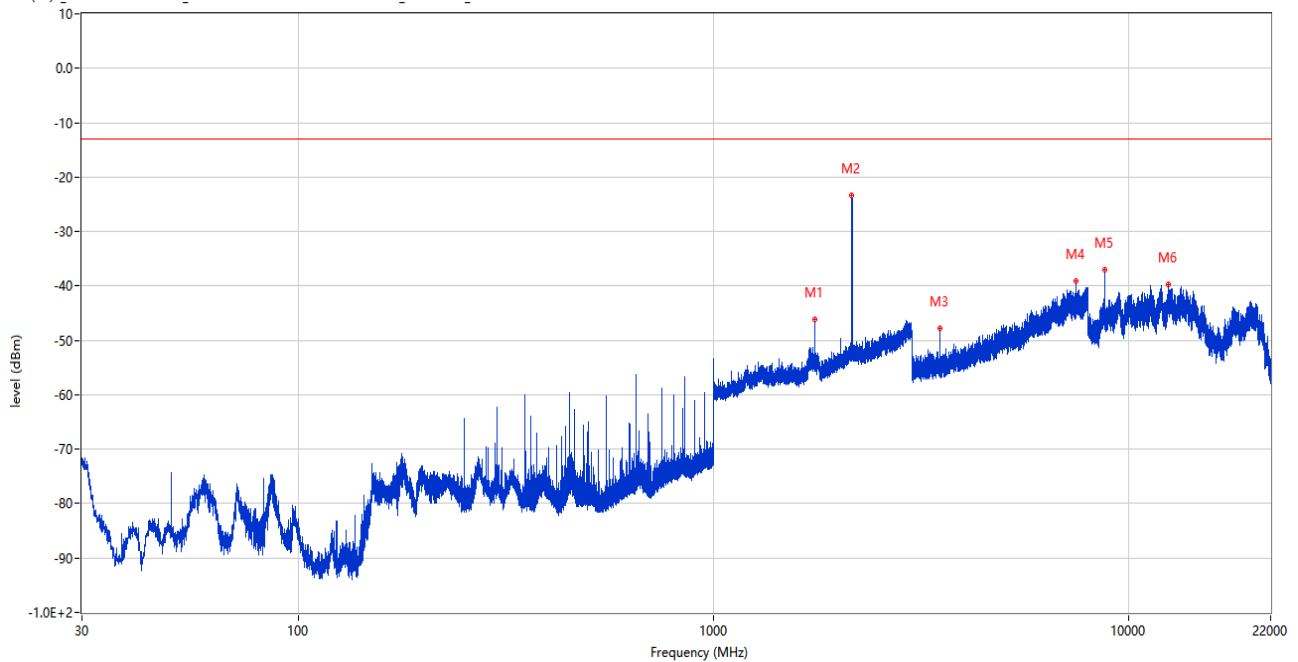


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1910.000        | -30.54       | 2.84        | -13.0       | 17.54       | 270.00    | Vertical | Horizontal | N/A     |
| 1990.300        | -35.88       | 0.90        | -13.0       | 22.88       | 20.00     | Vertical | Horizontal | N/A     |
| 3818.500        | -39.52       | 5.41        | -13.0       | 26.52       | 354.00    | Vertical | Horizontal | Pass    |
| 5727.750        | -35.55       | 10.03       | -13.0       | 22.55       | 300.00    | Vertical | Horizontal | Pass    |
| 7636.500        | -34.94       | 13.67       | -13.0       | 21.94       | 148.00    | Vertical | Horizontal | Pass    |
| 13345.588       | -39.24       | 16.62       | -13.0       | 26.24       | 107.00    | Vertical | Horizontal | Pass    |

## 2.2 LTE Band 4

Band:LTE B4 Channel:HIGH range,BW:1.4M

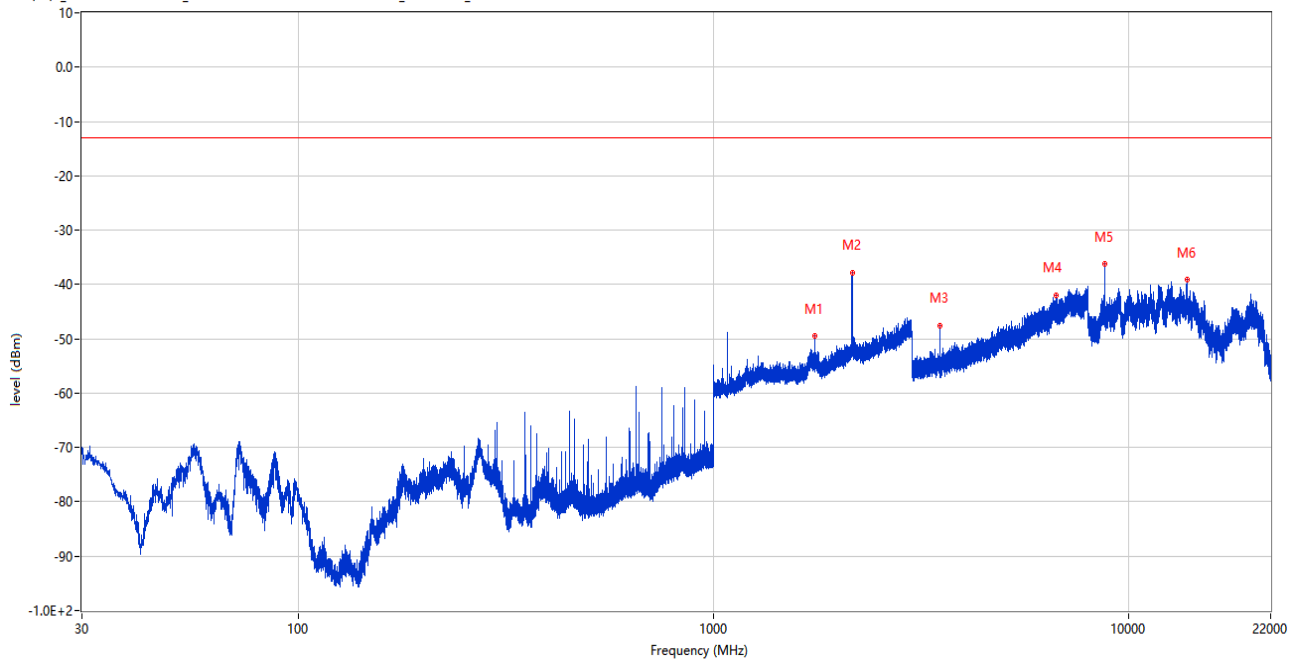
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1754.700        | -46.21       | 0.96        | -13.0       | 33.21       | 331.00    | Horizontal | Horizontal | N/A     |
| 2155.000        | -23.41       | 3.02        | -13.0       | 10.41       | 213.00    | Horizontal | Horizontal | N/A     |
| 3508.500        | -47.76       | 4.46        | -13.0       | 34.76       | 343.00    | Horizontal | Horizontal | Pass    |
| 7479.750        | -39.12       | 14.47       | -13.0       | 26.12       | 235.00    | Horizontal | Horizontal | Pass    |
| 8770.925        | -36.96       | 12.49       | -13.0       | 23.96       | 338.00    | Horizontal | Horizontal | Pass    |
| 12487.562       | -39.66       | 14.45       | -13.0       | 26.66       | 115.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B4 Channel:HIGH range,BW:1.4M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

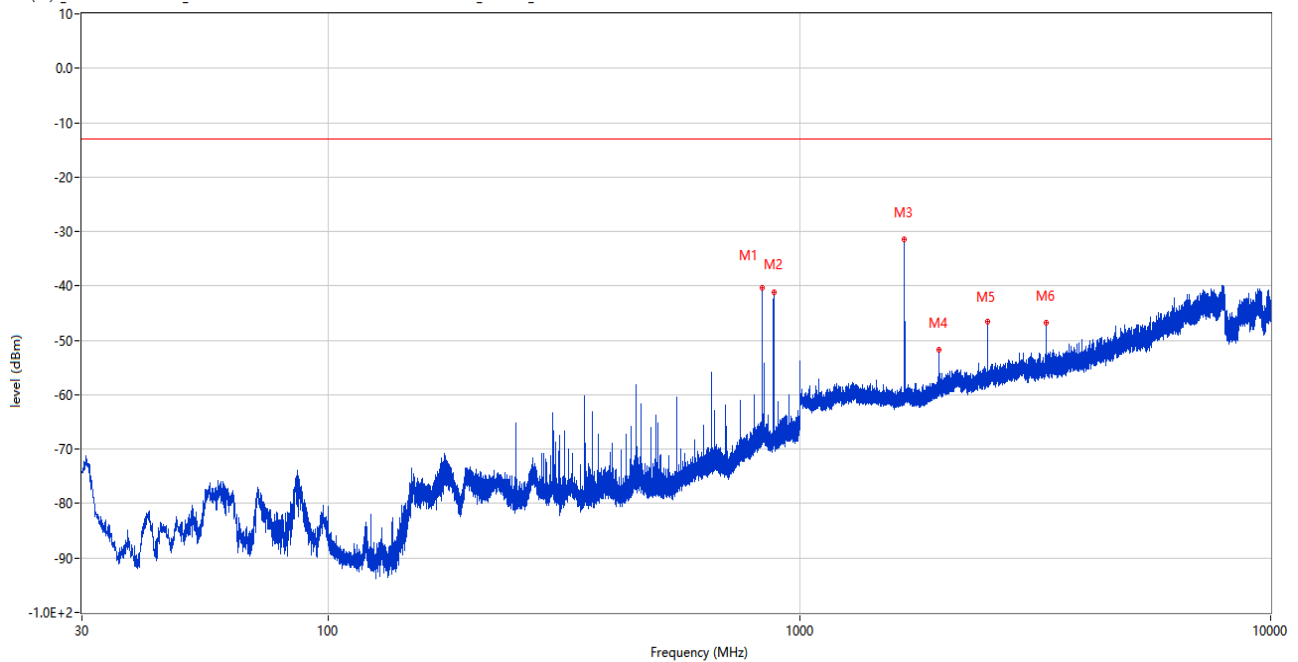


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1754.800        | -49.50       | 0.96        | -13.0       | 36.50       | 192.00    | Vertical | Horizontal | N/A     |
| 2155.300        | -37.77       | 3.03        | -13.0       | 24.77       | 186.00    | Vertical | Horizontal | N/A     |
| 3508.750        | -47.50       | 4.46        | -13.0       | 34.50       | 322.00    | Vertical | Horizontal | Pass    |
| 6698.250        | -42.01       | 13.02       | -13.0       | 29.01       | 180.00    | Vertical | Horizontal | Pass    |
| 8770.688        | -36.15       | 12.49       | -13.0       | 23.15       | 261.00    | Vertical | Horizontal | Pass    |
| 13811.900       | -39.17       | 16.88       | -13.0       | 26.17       | 27.00     | Vertical | Horizontal | Pass    |

## 2.3 LTE Band 5

Band:LTE B5 Channel:MID range,BW:5M

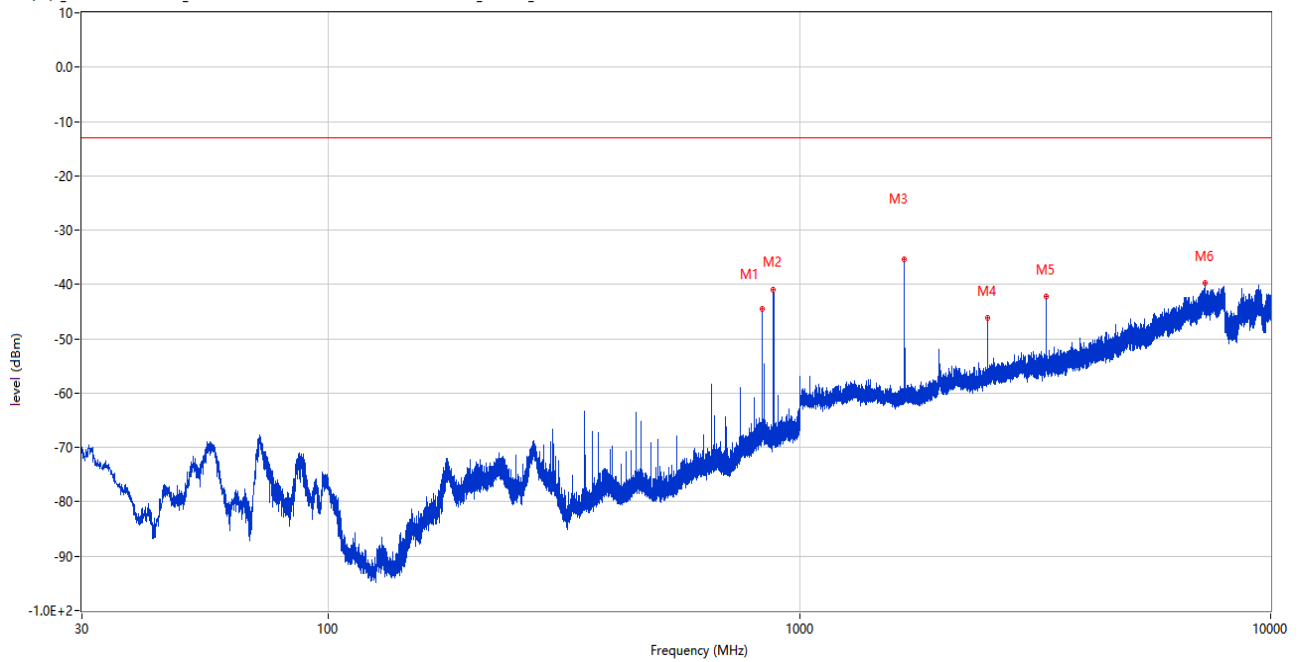
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 834.372         | -40.26       | 5.61        | -13.0       | 27.26       | 93.00     | Horizontal | Horizontal | N/A     |
| 882.630         | -41.10       | 4.15        | -13.0       | 28.10       | 324.00    | Horizontal | Horizontal | N/A     |
| 1669.400        | -31.51       | -5.59       | -13.0       | 18.51       | 352.00    | Horizontal | Horizontal | Pass    |
| 1981.200        | -51.71       | -4.13       | -13.0       | 38.71       | 32.00     | Horizontal | Horizontal | Pass    |
| 2503.700        | -46.58       | -1.32       | -13.0       | 33.58       | 26.00     | Horizontal | Horizontal | Pass    |
| 3337.750        | -46.84       | 4.34        | -13.0       | 33.84       | 234.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B5 Channel:MID range,BW:5M

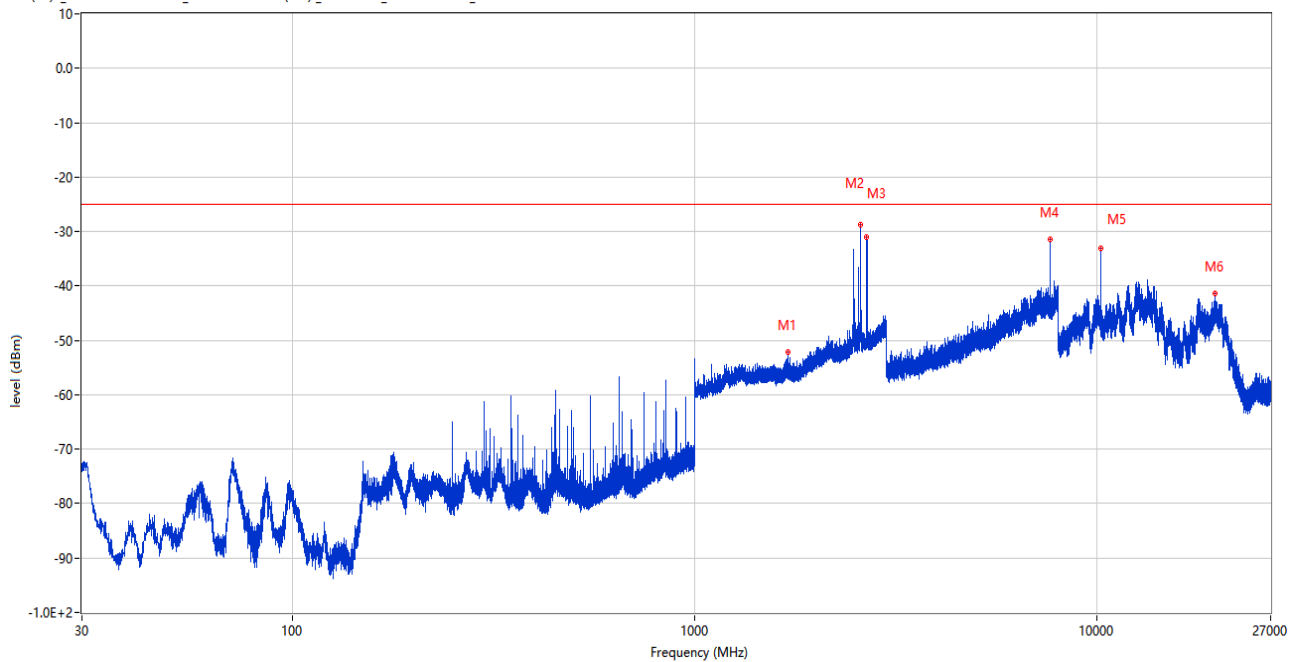
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



## 2.4 LTE Band 7

Band:LTE B7 Channel:HIGH range,BW:20M

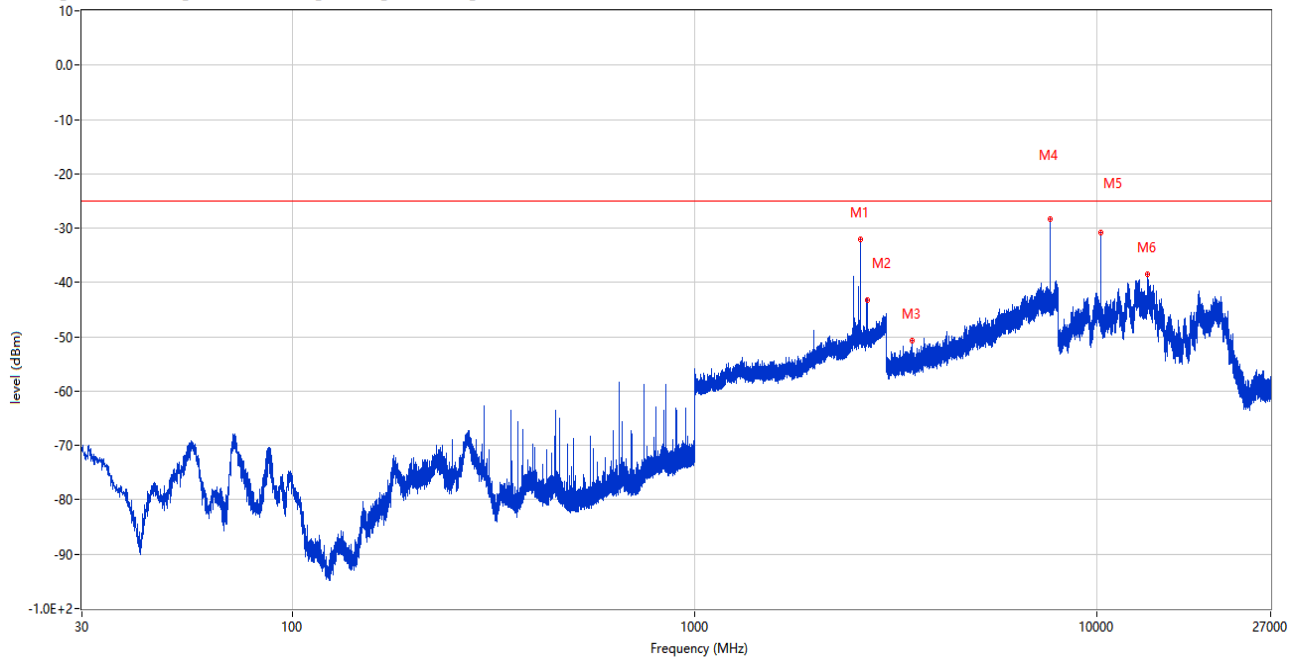
RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1707.700        | -52.17       | -0.44       | -25.0       | 27.17       | 0.00      | Horizontal | Horizontal | Pass    |
| 2587.500        | -28.80       | 5.97        | -25.0       | 3.80        | 14.00     | Horizontal | Horizontal | N/A     |
| 2675.200        | -30.93       | 5.86        | -25.0       | 5.93        | 196.00    | Horizontal | Horizontal | N/A     |
| 7654.000        | -31.39       | 13.34       | -25.0       | 6.39        | 38.00     | Horizontal | Horizontal | Pass    |
| 10204.951       | -33.06       | 11.00       | -25.0       | 8.06        | 208.00    | Horizontal | Horizontal | Pass    |
| 19635.300       | -41.44       | 12.93       | -25.0       | 16.44       | 0.00      | Horizontal | Horizontal | Pass    |

Band:LTE B7 Channel:HIGH range,BW:20M

RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_

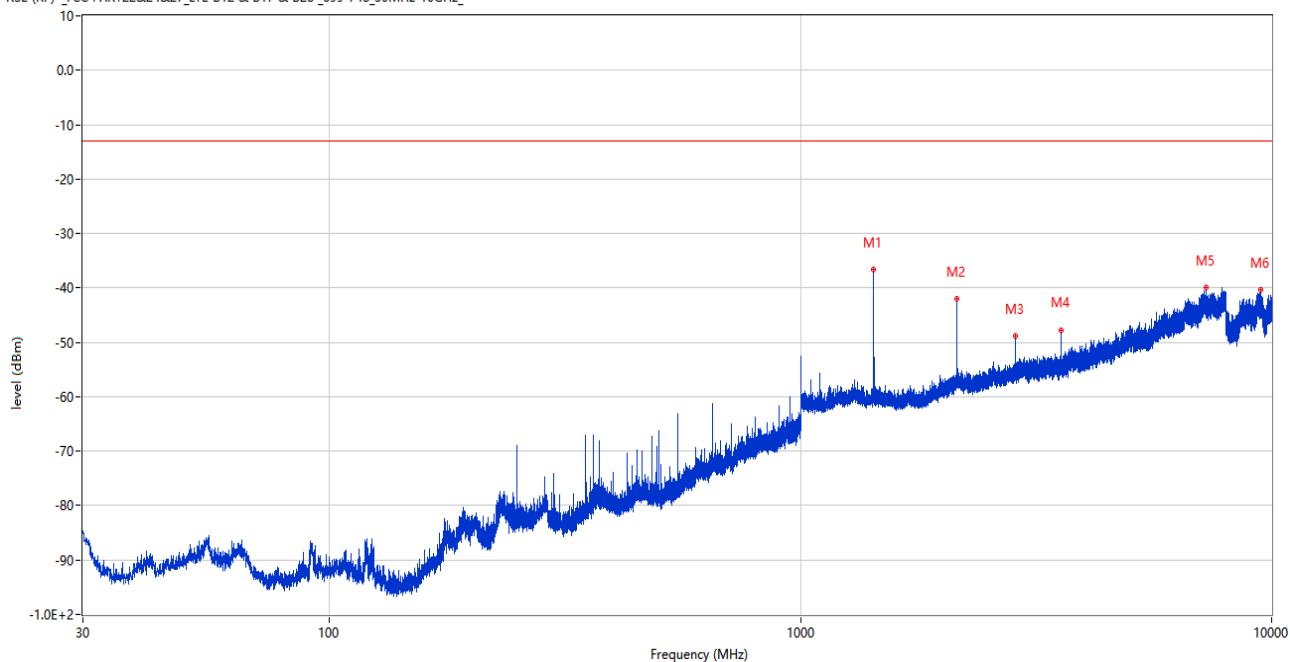


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2587.600        | -32.01       | 5.96        | -25.0       | 7.01        | 94.00     | Vertical | Horizontal | N/A     |
| 2681.700        | -43.26       | 6.27        | -25.0       | 18.26       | 192.00    | Vertical | Horizontal | N/A     |
| 3461.750        | -50.72       | 5.26        | -25.0       | 25.72       | 356.00    | Vertical | Horizontal | Pass    |
| 7654.000        | -28.37       | 13.34       | -25.0       | 3.37        | 160.00    | Vertical | Horizontal | Pass    |
| 10204.951       | -30.77       | 11.00       | -25.0       | 5.77        | 177.00    | Vertical | Horizontal | Pass    |
| 13378.425       | -38.51       | 16.81       | -25.0       | 13.51       | 104.00    | Vertical | Horizontal | Pass    |

## 2.5 LTE Band 12

Band:LTE B12 Channel:HIGH range,BW:3M

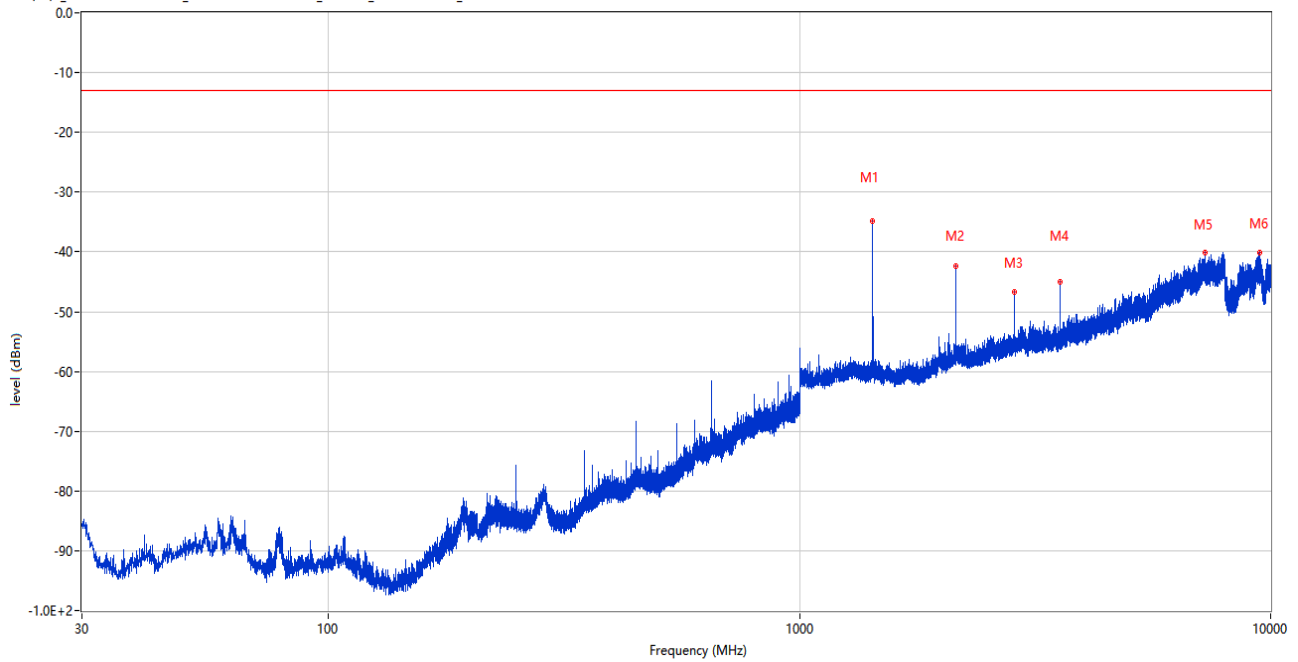
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1430.200        | -36.60       | -5.26       | -13.0       | 23.60       | 149.00    | Horizontal | Horizontal | Pass    |
| 2144.800        | -41.95       | -2.24       | -13.0       | 28.95       | 0.00      | Horizontal | Horizontal | Pass    |
| 2859.500        | -48.91       | 0.87        | -13.0       | 35.91       | 20.00     | Horizontal | Horizontal | Pass    |
| 3573.750        | -47.71       | 5.59        | -13.0       | 34.71       | 150.00    | Horizontal | Horizontal | Pass    |
| 7249.500        | -39.88       | 14.90       | -13.0       | 26.88       | 94.00     | Horizontal | Horizontal | Pass    |
| 9458.900        | -40.31       | 13.59       | -13.0       | 27.31       | 102.00    | Horizontal | Horizontal | Pass    |

Band:LTE B12 Channel:HIGH range,BW:3M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_

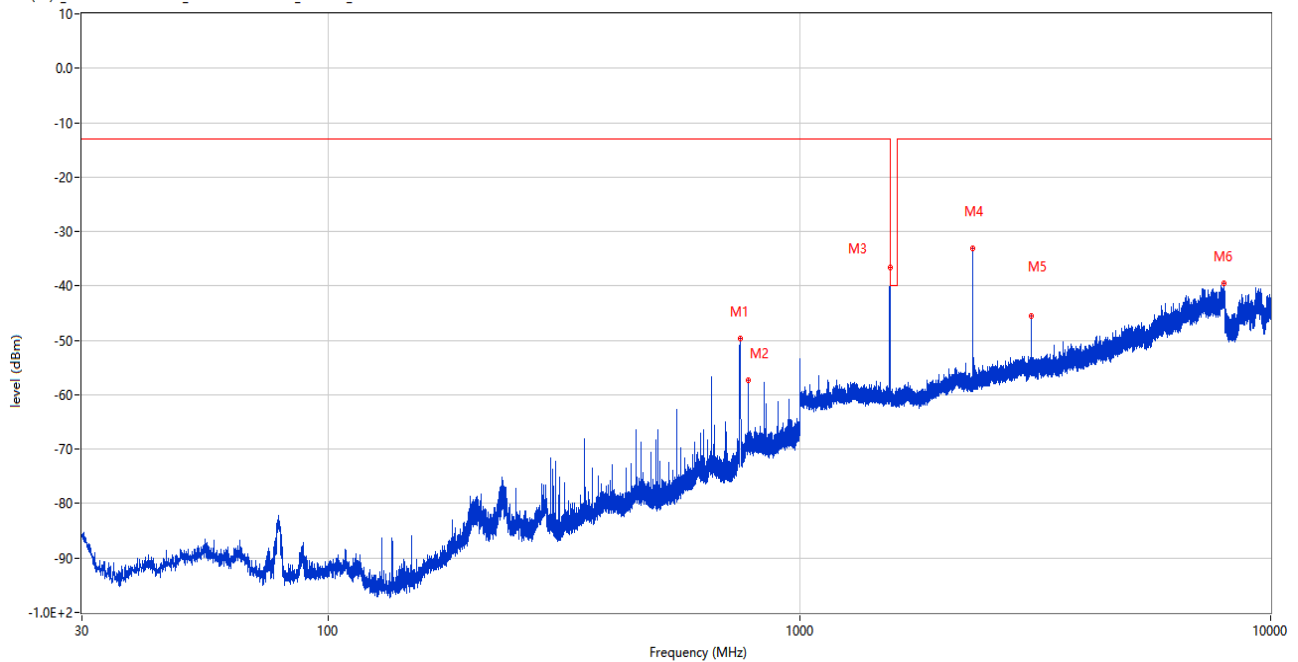


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1430.100        | -34.80       | -5.27       | -13.0       | 21.80       | 303.00    | Vertical | Horizontal | Pass    |
| 2144.800        | -42.31       | -2.24       | -13.0       | 29.31       | 343.00    | Vertical | Horizontal | Pass    |
| 2859.700        | -46.79       | 0.86        | -13.0       | 33.79       | 94.00     | Vertical | Horizontal | Pass    |
| 3574.000        | -45.04       | 5.59        | -13.0       | 32.04       | 37.00     | Vertical | Horizontal | Pass    |
| 7244.750        | -40.08       | 15.02       | -13.0       | 27.08       | 269.00    | Vertical | Horizontal | Pass    |
| 9457.500        | -40.15       | 13.62       | -13.0       | 27.15       | 166.00    | Vertical | Horizontal | Pass    |

## 2.6 LTE Band 13

Band:LTE B13 Channel:LOW range,BW:5M

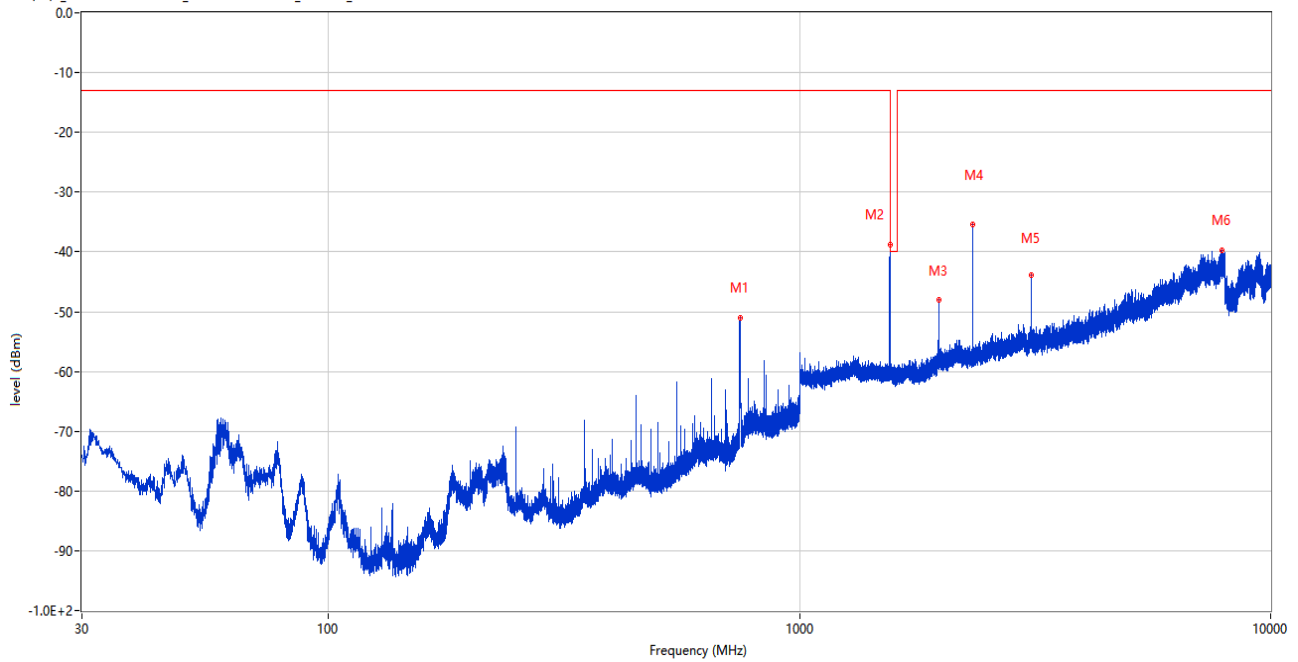
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 749.837         | -49.73       | 1.31        | -13.0       | 36.73       | 184.00    | Horizontal | Horizontal | N/A     |
| 777.337         | -57.24       | 3.68        | -13.0       | 44.24       | 77.00     | Horizontal | Horizontal | N/A     |
| 1555.400        | -36.60       | -5.57       | -13.0       | 23.60       | 326.00    | Horizontal | Horizontal | Pass    |
| 2332.900        | -33.15       | -2.30       | -13.0       | 20.15       | 145.00    | Horizontal | Horizontal | Pass    |
| 3109.750        | -45.61       | 3.56        | -13.0       | 32.61       | 360.00    | Horizontal | Horizontal | Pass    |
| 7959.250        | -39.52       | 14.66       | -13.0       | 26.52       | 77.00     | Horizontal | Horizontal | Pass    |

Band:LTE B13 Channel:LOW range,BW:5M

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

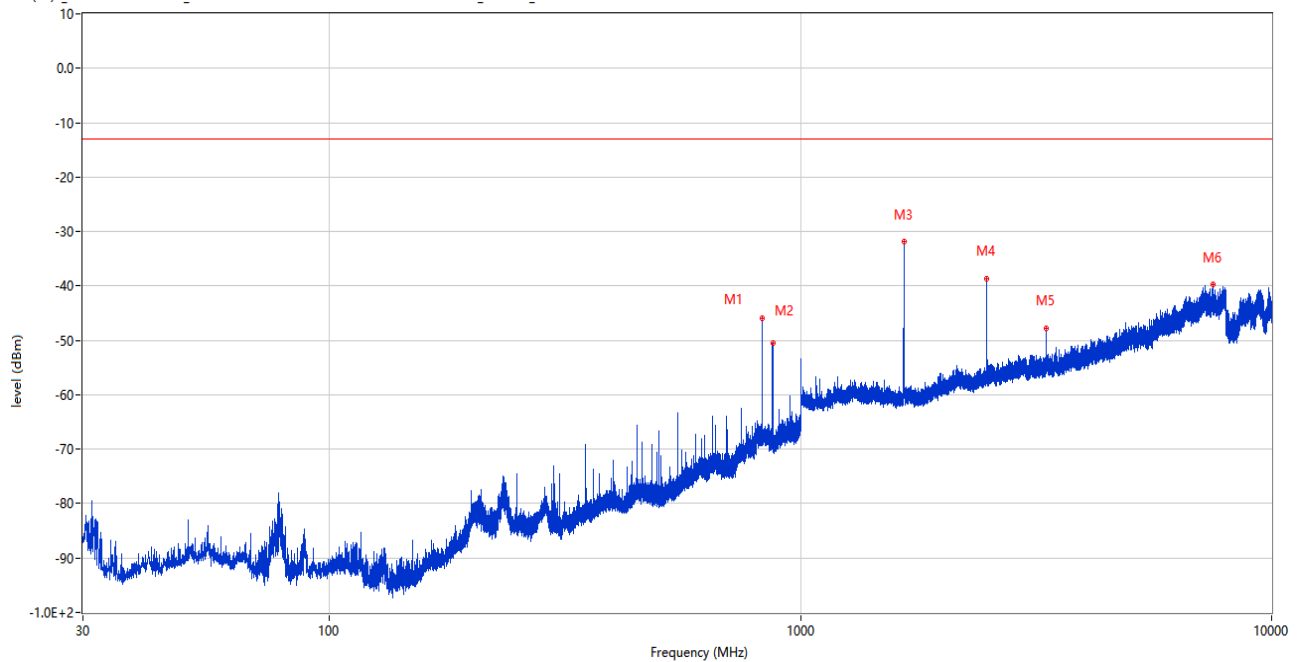


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 748.236         | -51.02       | 1.14        | -13.0       | 38.02       | 190.00    | Vertical | Horizontal | N/A     |
| 1555.300        | -38.73       | -5.58       | -13.0       | 25.73       | 336.00    | Vertical | Horizontal | Pass    |
| 1980.900        | -48.07       | -4.07       | -13.0       | 35.07       | 341.00    | Vertical | Horizontal | Pass    |
| 2333.000        | -35.41       | -2.30       | -13.0       | 22.41       | 44.00     | Vertical | Horizontal | Pass    |
| 3120.000        | -43.90       | 3.55        | -13.0       | 30.90       | 101.00    | Vertical | Horizontal | Pass    |
| 7883.250        | -39.74       | 15.06       | -13.0       | 26.74       | 20.00     | Vertical | Horizontal | Pass    |

## 2.7 LTE Band 18 (Part 22)

Band:LTE B18 Channel:MID range,BW:5M

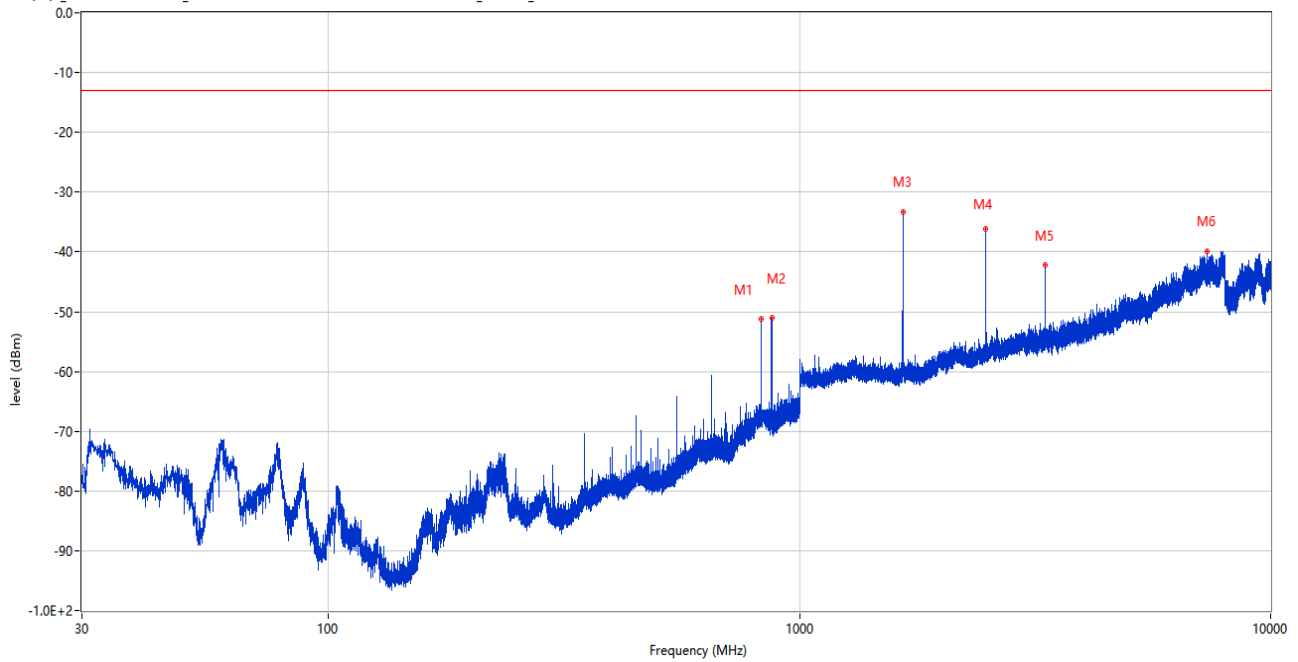
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 829.135         | -45.87       | 5.39        | -13.0       | 32.87       | 80.00     | Horizontal | Horizontal | N/A     |
| 873.221         | -50.49       | 4.02        | -13.0       | 37.49       | 235.00    | Horizontal | Horizontal | N/A     |
| 1659.100        | -31.81       | -5.69       | -13.0       | 18.81       | 155.00    | Horizontal | Horizontal | Pass    |
| 2487.900        | -38.59       | -1.20       | -13.0       | 25.59       | 26.00     | Horizontal | Horizontal | Pass    |
| 3317.250        | -47.71       | 4.10        | -13.0       | 34.71       | 209.00    | Horizontal | Horizontal | Pass    |
| 7501.000        | -39.75       | 13.57       | -13.0       | 26.75       | 160.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B18 Channel:MID range,BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

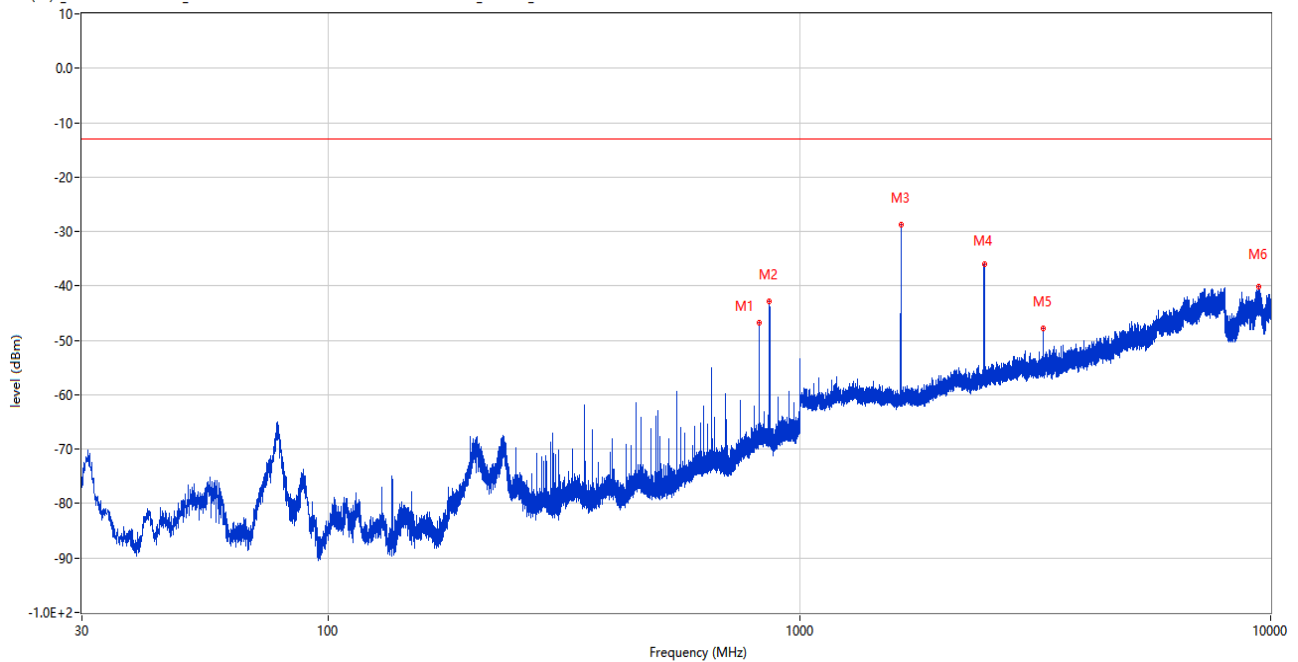


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 829.135         | -51.32       | 5.39        | -13.0       | 38.32       | 359.00    | Vertical | Horizontal | N/A     |
| 872.833         | -51.01       | 4.03        | -13.0       | 38.01       | 115.00    | Vertical | Horizontal | N/A     |
| 1659.200        | -33.30       | -5.70       | -13.0       | 20.30       | 149.00    | Vertical | Horizontal | Pass    |
| 2488.400        | -36.12       | -1.22       | -13.0       | 23.12       | 37.00     | Vertical | Horizontal | Pass    |
| 3317.250        | -42.26       | 4.10        | -13.0       | 29.26       | 111.00    | Vertical | Horizontal | Pass    |
| 7317.250        | -39.84       | 14.05       | -13.0       | 26.84       | 55.00     | Vertical | Horizontal | Pass    |

## 2.8 LTE Band 18 (Part 90)

Band:LTE B18 Channel:MID range,BW:5M

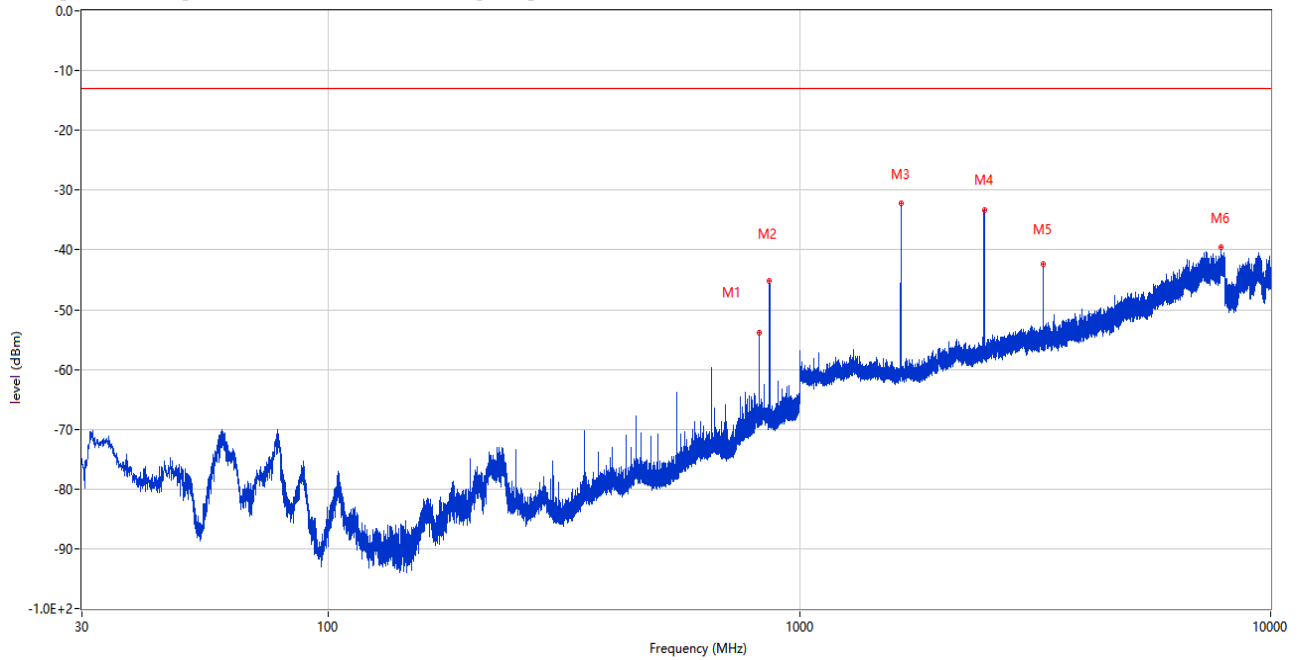
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 821.617         | -46.85       | 5.08        | -13.0       | 33.85       | 79.00     | Horizontal | Horizontal | N/A     |
| 863.327         | -42.85       | 4.21        | -13.0       | 29.85       | 217.00    | Horizontal | Horizontal | N/A     |
| 1644.000        | -28.73       | -6.03       | -13.0       | 15.73       | 340.00    | Horizontal | Horizontal | Pass    |
| 2465.700        | -35.90       | -1.62       | -13.0       | 22.90       | 135.00    | Horizontal | Horizontal | Pass    |
| 3287.250        | -47.82       | 4.06        | -13.0       | 34.82       | 270.00    | Horizontal | Horizontal | Pass    |
| 9452.200        | -40.23       | 13.73       | -13.0       | 27.23       | 287.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B18 Channel:MID range,BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

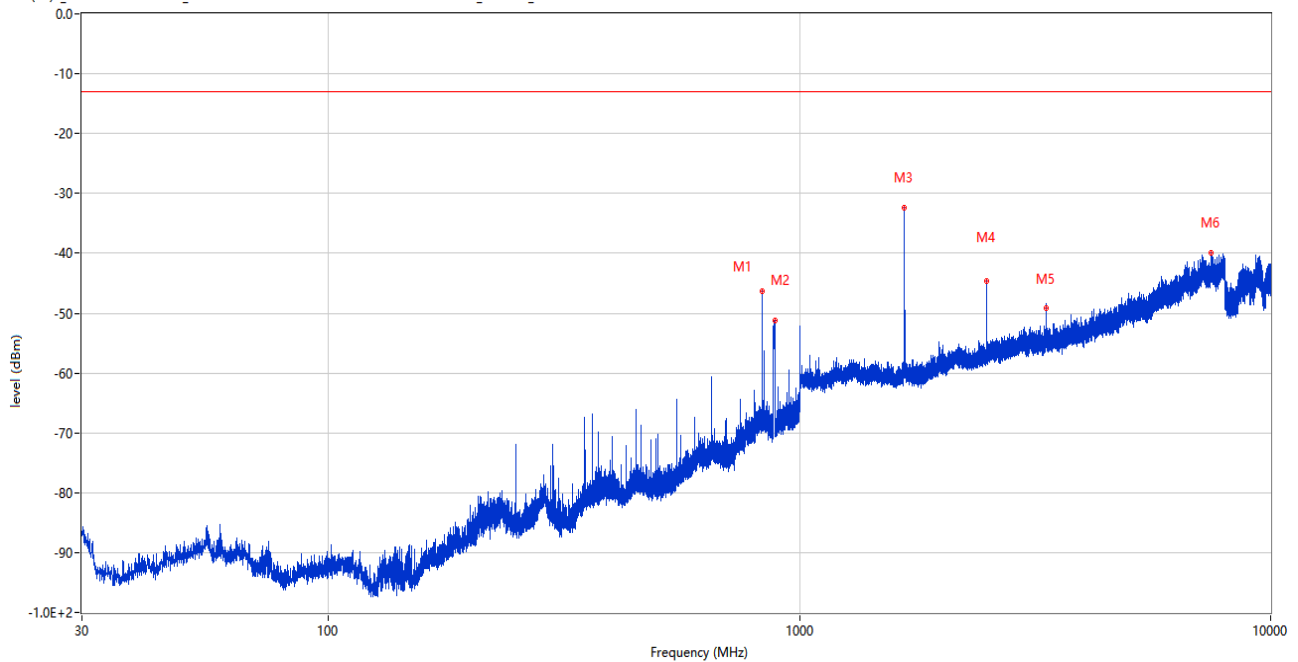


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 821.617         | -53.88       | 5.08        | -13.0       | 40.88       | 291.00    | Vertical | Horizontal | N/A     |
| 864.200         | -45.21       | 4.17        | -13.0       | 32.21       | 233.00    | Vertical | Horizontal | N/A     |
| 1644.100        | -32.29       | -6.03       | -13.0       | 19.29       | 336.00    | Vertical | Horizontal | Pass    |
| 2465.700        | -33.28       | -1.62       | -13.0       | 20.28       | 25.00     | Vertical | Horizontal | Pass    |
| 3287.250        | -42.37       | 4.06        | -13.0       | 29.37       | 94.00     | Vertical | Horizontal | Pass    |
| 7836.000        | -39.58       | 15.04       | -13.0       | 26.58       | 0.00      | Vertical | Horizontal | Pass    |

## 2.9 LTE Band 19

Band:LTE B19 Channel:MID range,BW:10M

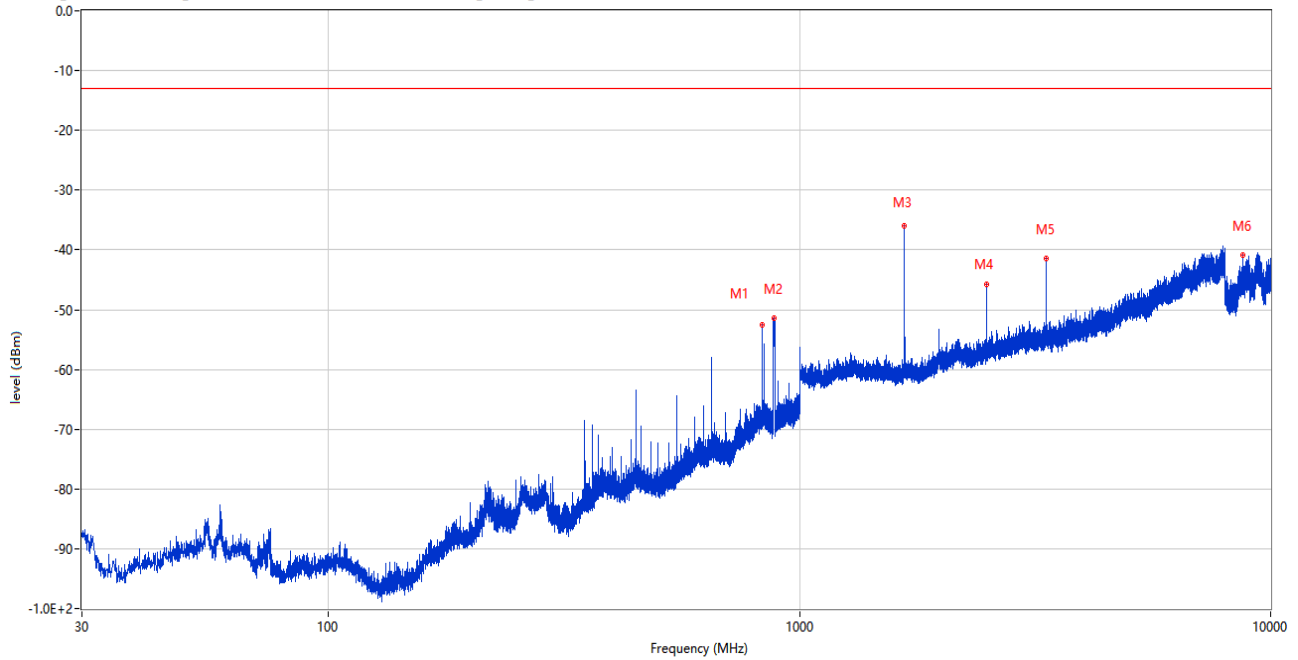
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 833.160         | -46.24       | 5.56        | -13.0       | 33.24       | 97.00     | Horizontal | Horizontal | N/A     |
| 886.364         | -51.22       | 4.31        | -13.0       | 38.22       | 280.00    | Horizontal | Horizontal | N/A     |
| 1667.000        | -32.33       | -5.50       | -13.0       | 19.33       | 359.00    | Horizontal | Horizontal | Pass    |
| 2500.300        | -44.57       | -1.27       | -13.0       | 31.57       | 334.00    | Horizontal | Horizontal | Pass    |
| 3332.750        | -50.13       | 4.63        | -13.0       | 37.13       | 85.00     | Horizontal | Horizontal | Pass    |
| 7471.250        | -39.85       | 14.62       | -13.0       | 26.85       | 0.00      | Horizontal | Horizontal | Pass    |

# Band:LTE B19 Channel:MID range,BW:10M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

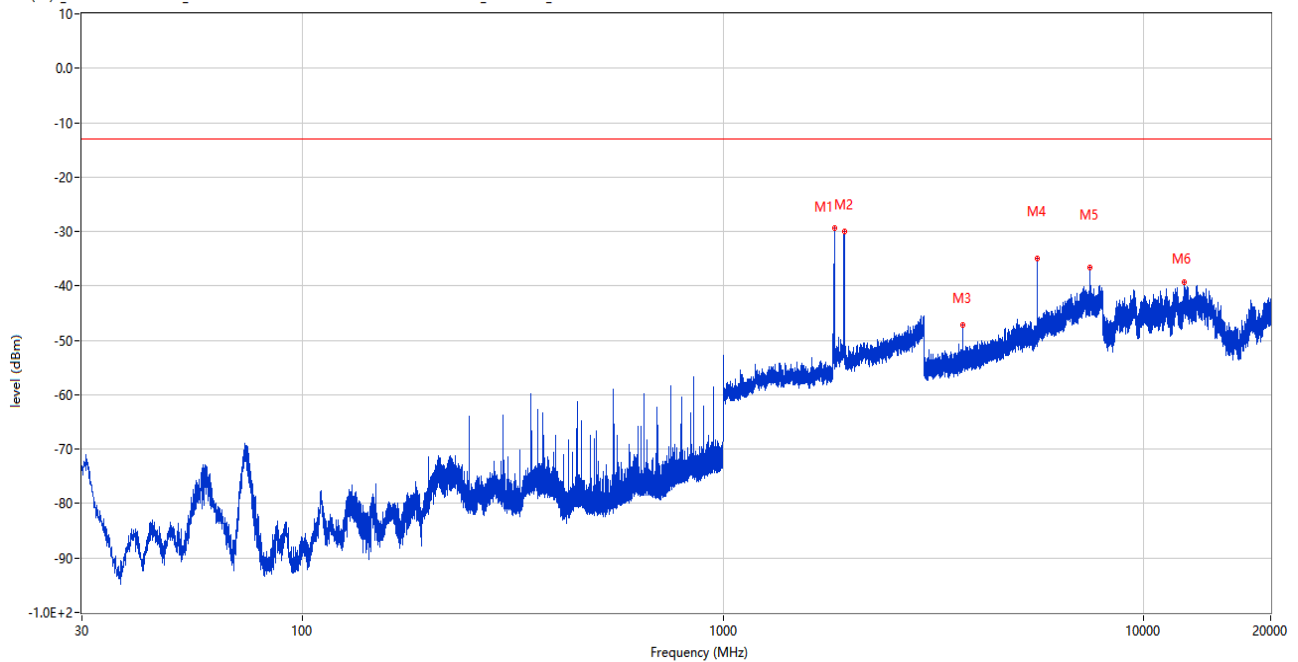


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 833.111         | -52.61       | 5.56        | -13.0       | 39.61       | 255.00    | Vertical | Horizontal | N/A     |
| 884.279         | -51.49       | 4.21        | -13.0       | 38.49       | 210.00    | Vertical | Horizontal | N/A     |
| 1666.900        | -35.94       | -5.50       | -13.0       | 22.94       | 136.00    | Vertical | Horizontal | Pass    |
| 2500.100        | -45.78       | -1.27       | -13.0       | 32.78       | 360.00    | Vertical | Horizontal | Pass    |
| 3333.000        | -42.25       | 4.61        | -13.0       | 29.25       | 1.00      | Vertical | Horizontal | Pass    |
| 8720.700        | -40.77       | 12.75       | -13.0       | 27.77       | 2.00      | Vertical | Horizontal | Pass    |

## 2.10LTE Band 25

Band:LTE B25 Channel:LOW range,BW:15M

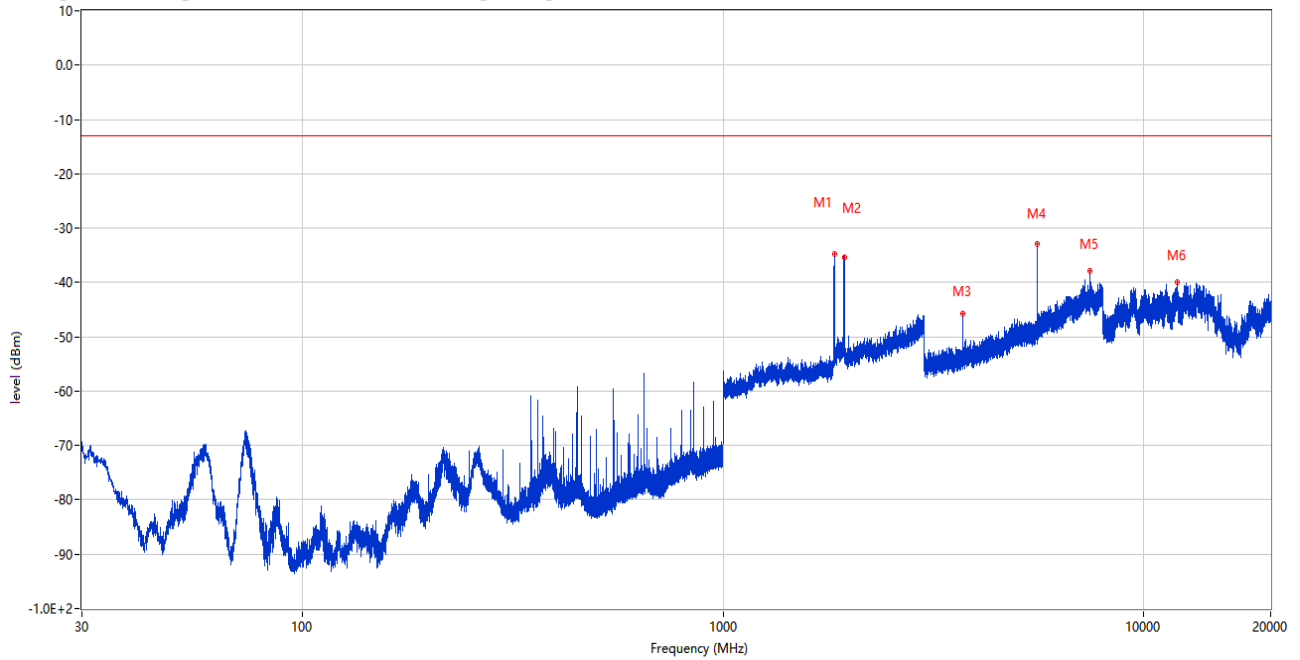
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1840.300        | -29.32       | 1.79        | -13.0       | 16.32       | 360.00    | Horizontal | Horizontal | N/A     |
| 1942.900        | -30.08       | 1.11        | -13.0       | 17.08       | 82.00     | Horizontal | Horizontal | N/A     |
| 3716.250        | -47.15       | 5.84        | -13.0       | 34.15       | 332.00    | Horizontal | Horizontal | Pass    |
| 5573.250        | -34.91       | 8.73        | -13.0       | 21.91       | 38.00     | Horizontal | Horizontal | Pass    |
| 7431.250        | -36.60       | 13.27       | -13.0       | 23.60       | 38.00     | Horizontal | Horizontal | Pass    |
| 12494.687       | -39.34       | 14.55       | -13.0       | 26.34       | 2.00      | Horizontal | Horizontal | Pass    |

Band:LTE B25 Channel:LOW range,BW:15M

RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

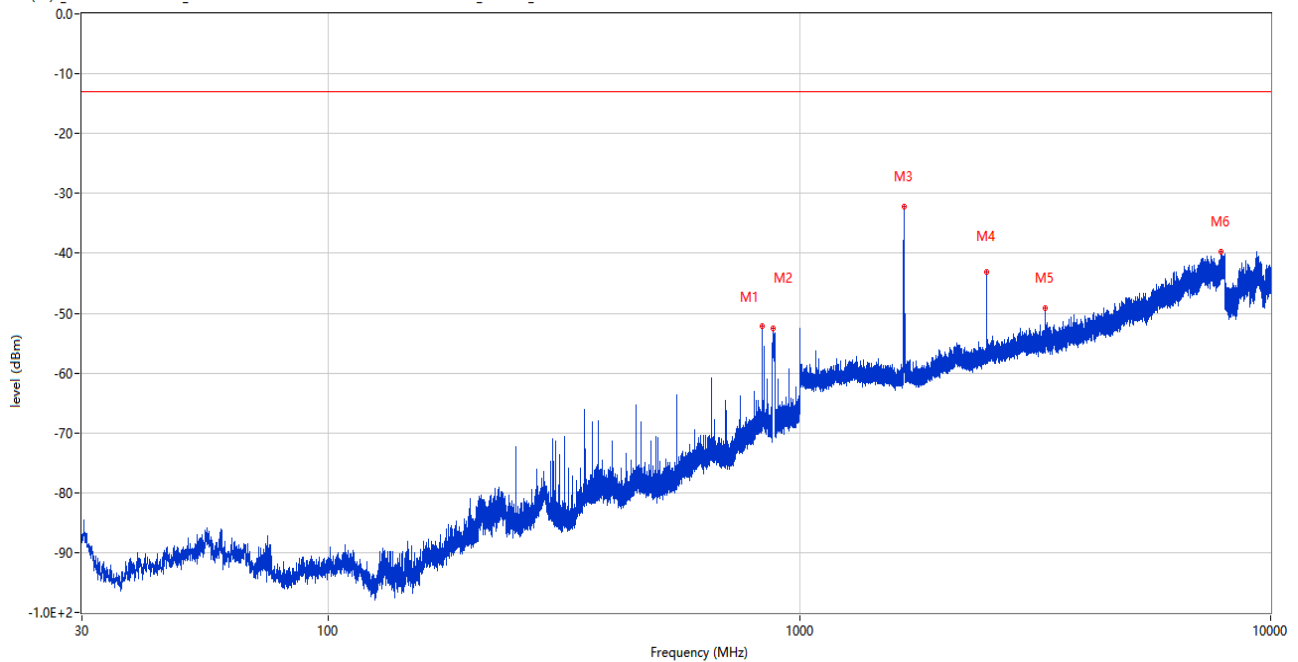


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1839.400        | -34.84       | 1.72        | -13.0       | 21.84       | 62.00     | Vertical | Horizontal | N/A     |
| 1943.000        | -35.46       | 1.12        | -13.0       | 22.46       | 224.00    | Vertical | Horizontal | N/A     |
| 3716.000        | -45.80       | 5.85        | -13.0       | 32.80       | 360.00    | Vertical | Horizontal | Pass    |
| 5573.500        | -32.93       | 8.72        | -13.0       | 19.93       | 298.00    | Vertical | Horizontal | Pass    |
| 7431.000        | -37.84       | 13.28       | -13.0       | 24.84       | 287.00    | Vertical | Horizontal | Pass    |
| 11981.924       | -40.00       | 14.02       | -13.0       | 27.00       | 119.00    | Vertical | Horizontal | Pass    |

## 2.11LTE Band 26 (Part 22)

Band:LTE B26 Channel:MID range,BW:10M

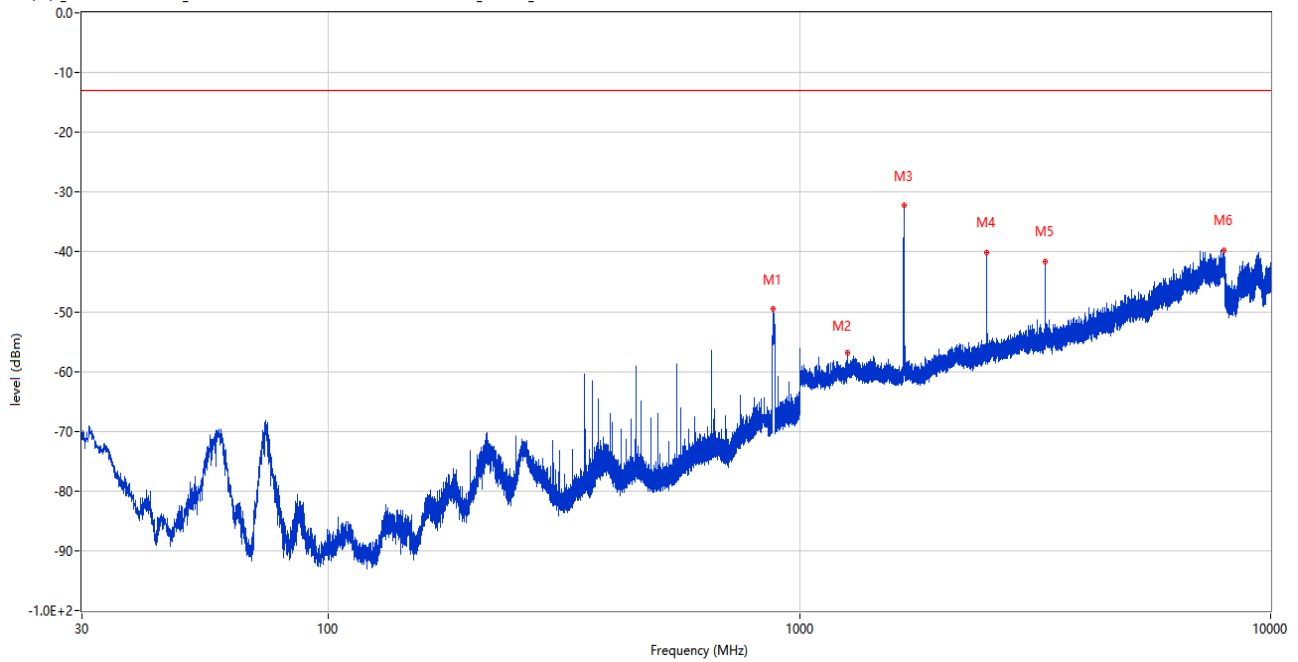
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 832.190         | -52.08       | 5.52        | -13.0       | 39.08       | 51.00     | Horizontal | Horizontal | N/A     |
| 877.150         | -52.62       | 3.82        | -13.0       | 39.62       | 108.00    | Horizontal | Horizontal | N/A     |
| 1664.900        | -32.15       | -5.58       | -13.0       | 19.15       | 1.00      | Horizontal | Horizontal | Pass    |
| 2497.000        | -43.16       | -1.17       | -13.0       | 30.16       | 44.00     | Horizontal | Horizontal | Pass    |
| 3329.000        | -49.08       | 4.67        | -13.0       | 36.08       | 81.00     | Horizontal | Horizontal | Pass    |
| 7855.000        | -39.72       | 14.54       | -13.0       | 26.72       | 81.00     | Horizontal | Horizontal | Pass    |

# Band:LTE B26 Channel:MID range,BW:10M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

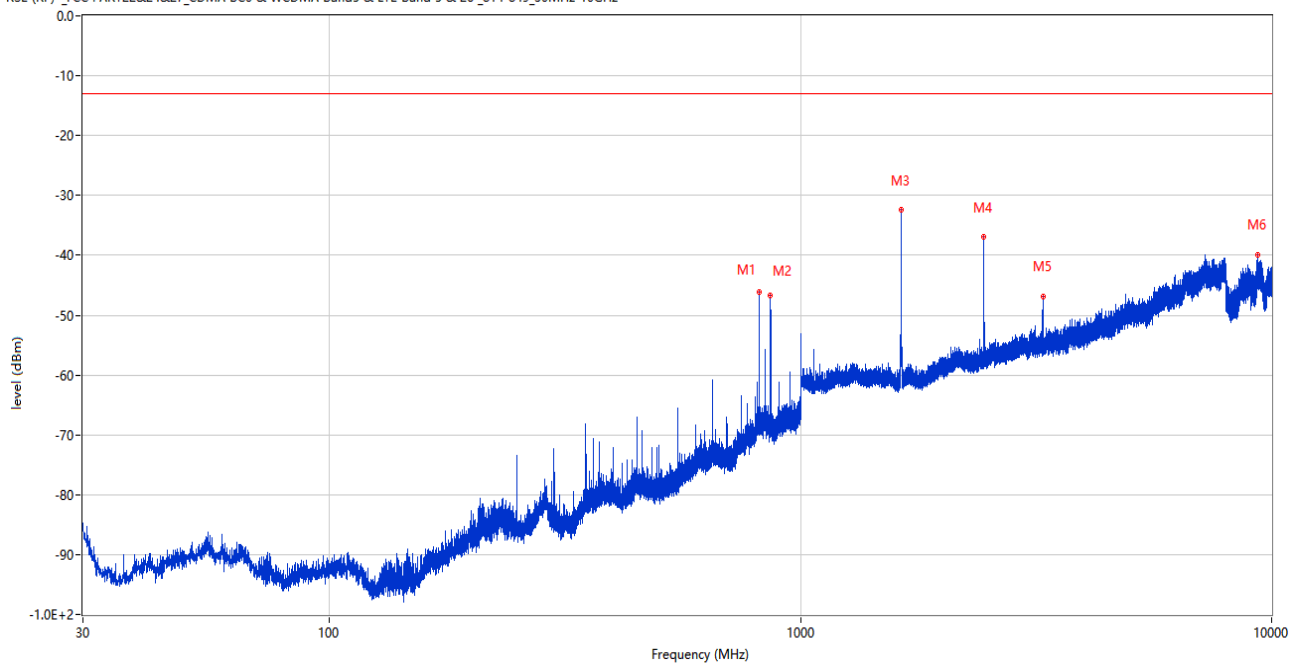


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 879.623         | -49.60       | 3.93        | -13.0       | 36.60       | 133.00    | Vertical | Horizontal | N/A     |
| 1264.100        | -56.93       | -4.88       | -13.0       | 43.93       | 360.00    | Vertical | Horizontal | Pass    |
| 1664.900        | -32.28       | -5.58       | -13.0       | 19.28       | 281.00    | Vertical | Horizontal | Pass    |
| 2497.000        | -40.20       | -1.17       | -13.0       | 27.20       | 41.00     | Vertical | Horizontal | Pass    |
| 3329.000        | -41.55       | 4.67        | -13.0       | 28.55       | 1.00      | Vertical | Horizontal | Pass    |
| 7961.500        | -39.73       | 14.67       | -13.0       | 26.73       | 1.00      | Vertical | Horizontal | Pass    |

## 2.12LTE Band 26 (Part 90)

Band:LTE B26 Channel:MID range,BW:5M

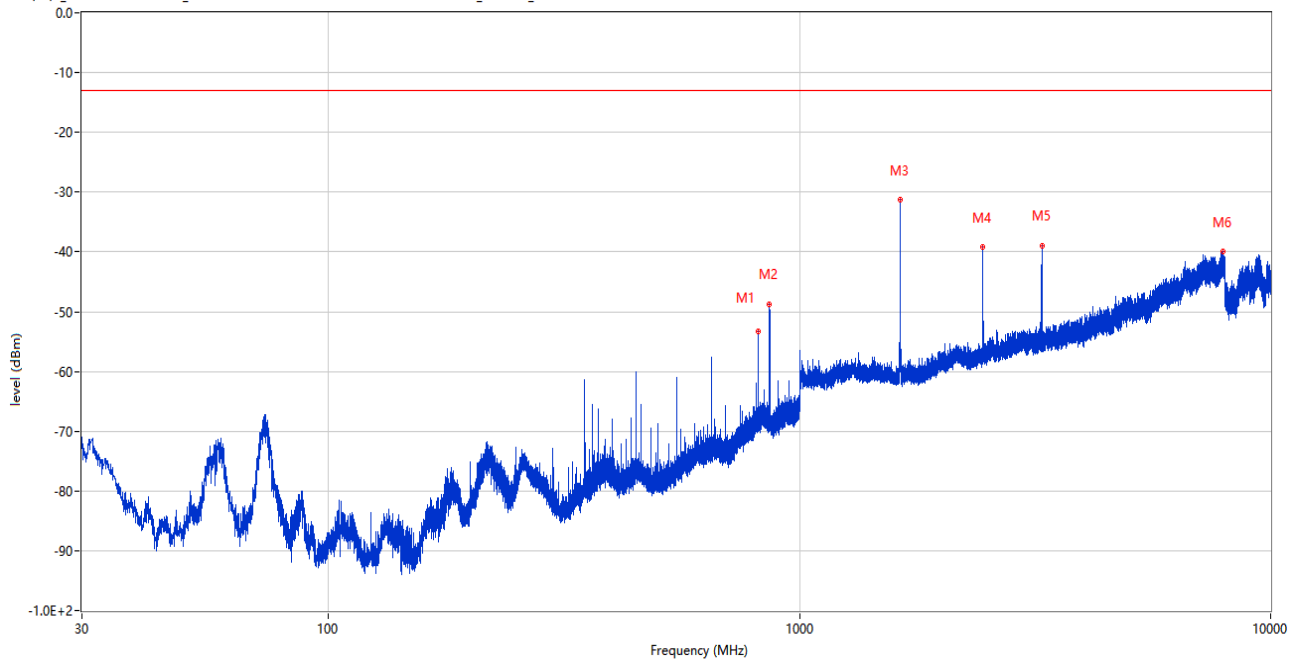
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 816.815         | -46.17       | 5.00        | -13.0       | 33.17       | 92.00     | Horizontal | Horizontal | N/A     |
| 862.357         | -46.79       | 4.32        | -13.0       | 33.79       | 30.00     | Horizontal | Horizontal | N/A     |
| 1634.400        | -32.48       | -5.94       | -13.0       | 19.48       | 360.00    | Horizontal | Horizontal | Pass    |
| 2451.300        | -36.97       | -1.33       | -13.0       | 23.97       | 18.00     | Horizontal | Horizontal | Pass    |
| 3267.750        | -46.83       | 3.77        | -13.0       | 33.83       | 1.00      | Horizontal | Horizontal | Pass    |
| 9322.100        | -39.84       | 14.20       | -13.0       | 26.84       | 360.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B26 Channel:MID range,BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

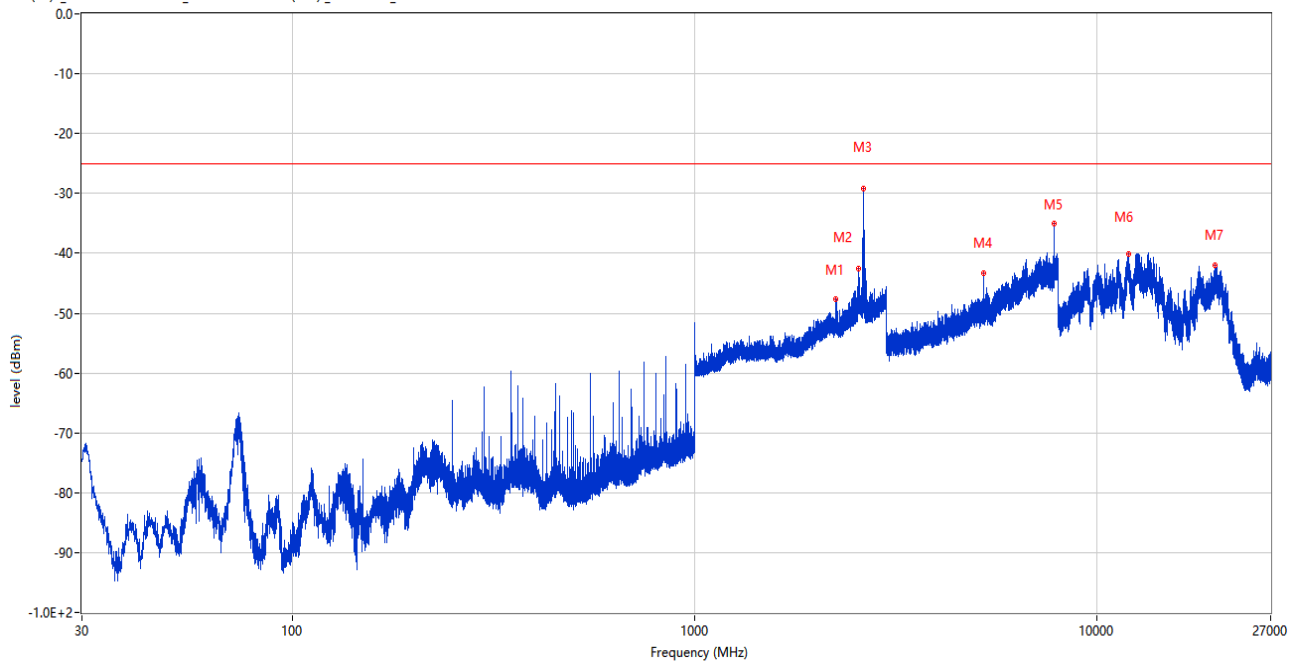


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 816.864         | -53.34       | 5.00        | -13.0       | 40.34       | 271.00    | Vertical | Horizontal | N/A     |
| 863.666         | -48.71       | 4.19        | -13.0       | 35.71       | 90.00     | Vertical | Horizontal | N/A     |
| 1634.600        | -31.33       | -5.94       | -13.0       | 18.33       | 94.00     | Vertical | Horizontal | Pass    |
| 2451.500        | -39.20       | -1.32       | -13.0       | 26.20       | 309.00    | Vertical | Horizontal | Pass    |
| 3268.250        | -38.96       | 3.79        | -13.0       | 25.96       | 17.00     | Vertical | Horizontal | Pass    |
| 7931.000        | -39.95       | 15.14       | -13.0       | 26.95       | 82.00     | Vertical | Horizontal | Pass    |

## 2.13LTE Band 38

Band:LTE B38 Channel:HIGH range,BW:20M

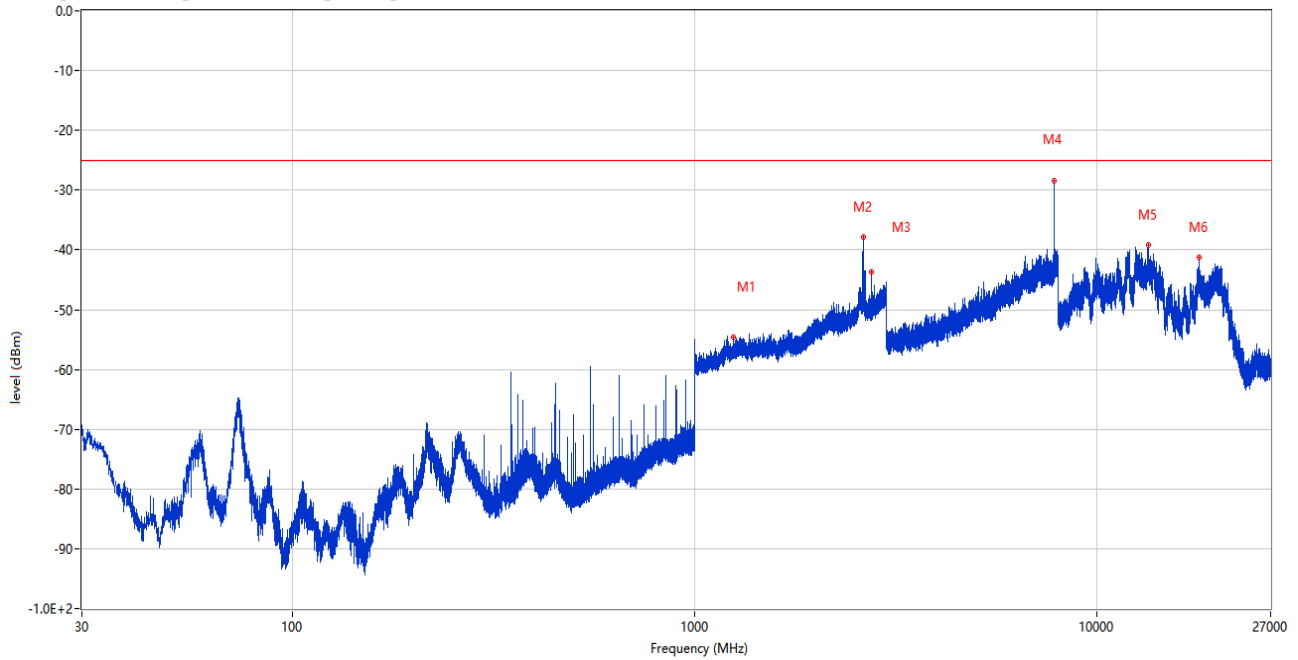
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 2244.800        | -47.72       | 3.76        | -25.0       | 22.72       | 360.00    | Horizontal | Horizontal | Pass    |
| 2551.800        | -42.62       | 6.36        | -25.0       | 17.62       | 360.00    | Horizontal | Horizontal | Pass    |
| 2627.500        | -29.26       | 7.26        | -25.0       | 4.26        | 360.00    | Horizontal | Horizontal | N/A     |
| 5220.750        | -43.25       | 8.86        | -25.0       | 18.25       | 72.00     | Horizontal | Horizontal | Pass    |
| 7831.000        | -35.08       | 15.19       | -25.0       | 10.08       | 238.00    | Horizontal | Horizontal | Pass    |
| 11965.062       | -40.12       | 13.95       | -25.0       | 15.12       | 180.00    | Horizontal | Horizontal | Pass    |
| 19633.052       | -42.00       | 12.93       | -25.0       | 17.00       | 51.00     | Horizontal | Horizontal | Pass    |

Band:LTE B38 Channel:HIGH range,BW:20M

RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz

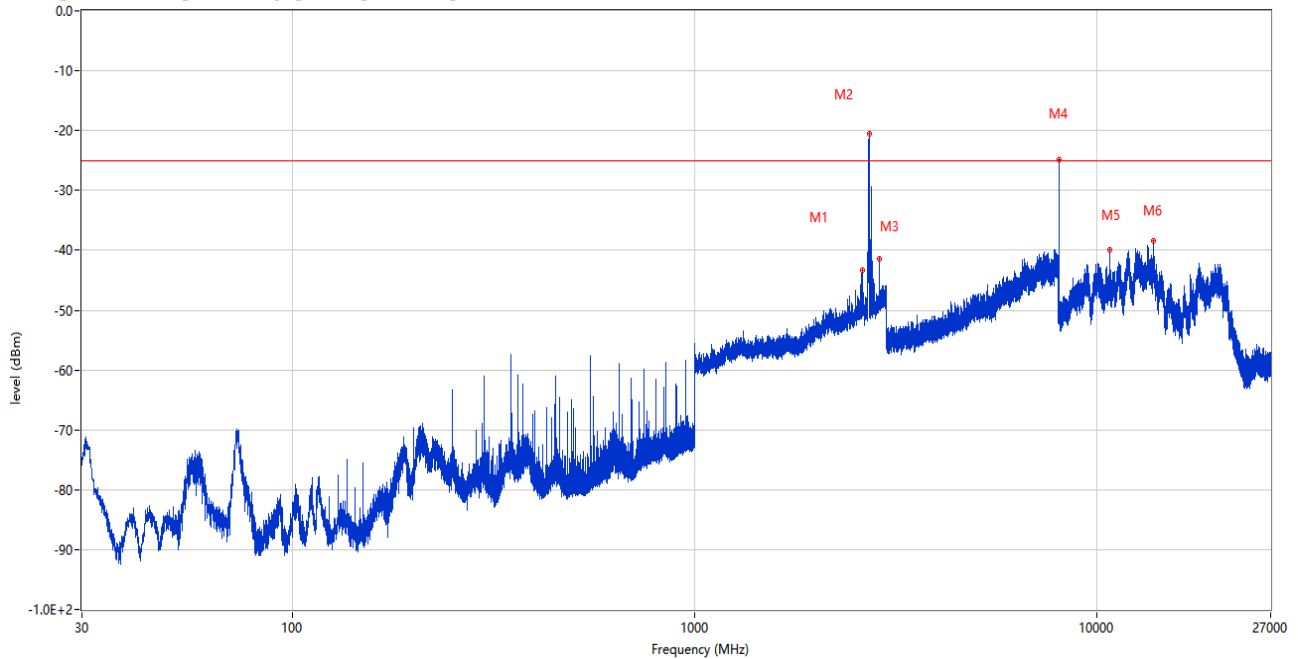


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1249.200        | -54.68       | -1.98       | -25.0       | 29.68       | 42.00     | Vertical | Horizontal | Pass    |
| 2628.500        | -37.85       | 7.23        | -25.0       | 12.85       | 6.00      | Vertical | Horizontal | N/A     |
| 2750.600        | -43.76       | 5.99        | -25.0       | 18.76       | 79.00     | Vertical | Horizontal | Pass    |
| 7830.750        | -28.49       | 15.18       | -25.0       | 3.49        | 301.00    | Vertical | Horizontal | Pass    |
| 13408.349       | -39.15       | 16.83       | -25.0       | 14.15       | 141.00    | Vertical | Horizontal | Pass    |
| 17950.124       | -41.22       | 14.09       | -25.0       | 16.22       | 0.00      | Vertical | Horizontal | Pass    |

## 2.14LTE Band 41

Band:LTE B41 Channel:HIGH range,BW:15M

RSE (RF) \_FCC PART2&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_

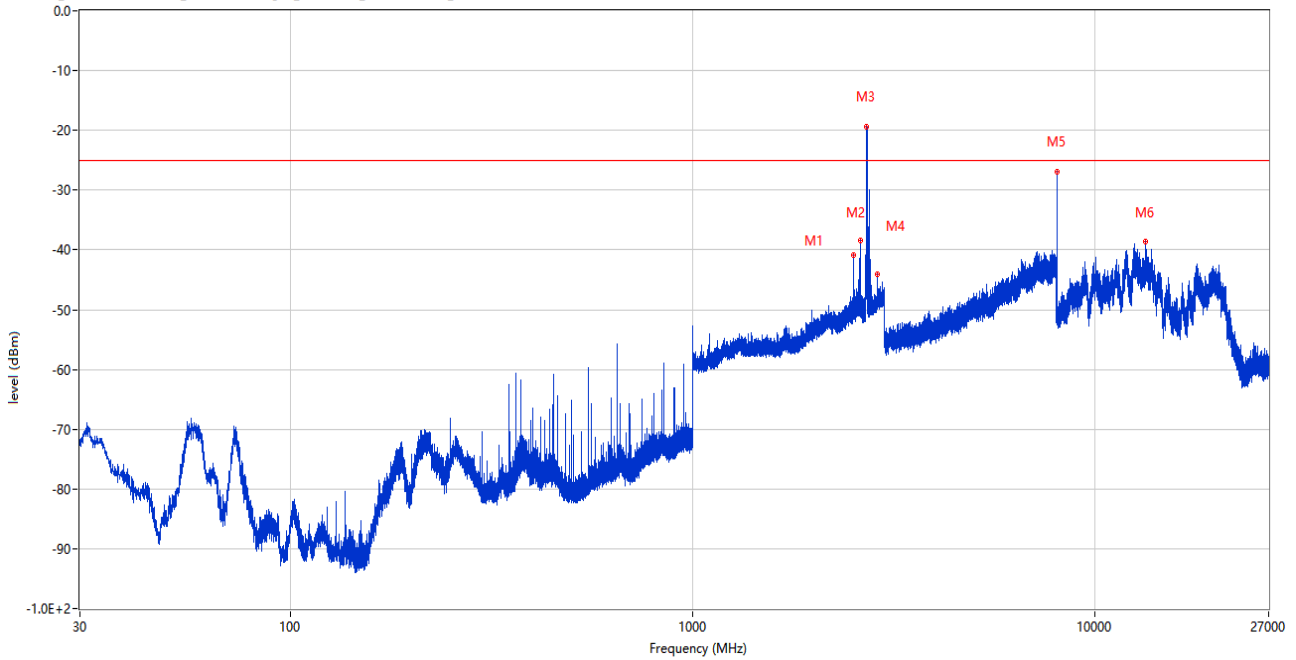


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 2609.900        | -43.32       | 6.30        | -25.0       | 18.32       | 49.00     | Horizontal | Horizontal | Pass    |
| 2682.600        | -20.44       | 6.46        | -25.0       | -4.56       | 91.00     | Horizontal | Horizontal | N/A     |
| 2872.100        | -41.48       | 7.48        | -25.0       | 16.48       | 87.00     | Horizontal | Horizontal | Pass    |
| 8068.163        | -24.88       | 6.55        | -25.0       | -0.12       | 0.00      | Horizontal | Horizontal | N/A     |
| 8068.163*       | -29.185      | 6.55        | -25.0       | 4.185       | 0.00      | Horizontal | Horizontal | Pass    |
| 10757.375       | -39.96       | 10.94       | -25.0       | 14.96       | 153.00    | Horizontal | Horizontal | Pass    |
| 13804.987       | -38.37       | 16.89       | -25.0       | 13.37       | 360.00    | Horizontal | Horizontal | Pass    |

Note: The initial sweep time from 8GHz to 12.75GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance.

Band:LTE B41 Channel:HIGH range,BW:15M

RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



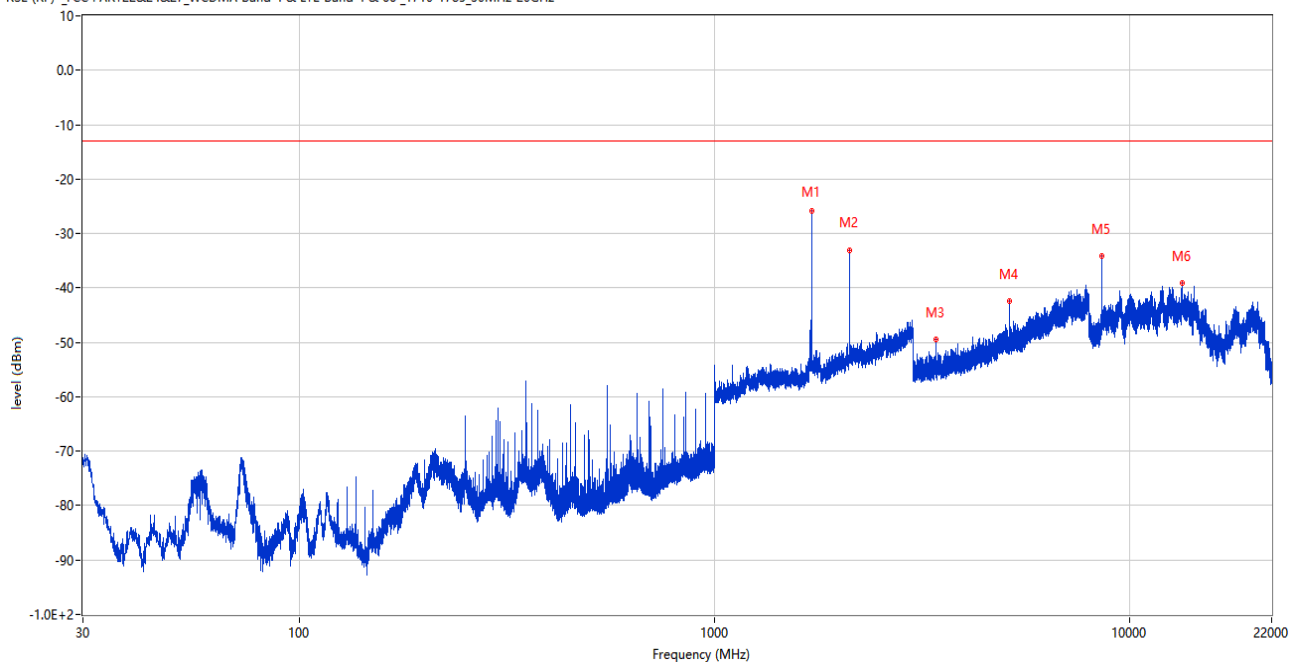
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2508.000        | -40.88       | 5.04        | -25.0       | 15.88       | 4.00      | Vertical | Horizontal | Pass    |
| 2610.000        | -38.36       | 6.33        | -25.0       | 13.36       | 26.00     | Vertical | Horizontal | Pass    |
| 2682.400        | -19.31       | 6.60        | -25.0       | -5.69       | 13.00     | Vertical | Horizontal | N/A     |
| 2871.900        | -43.99       | 7.49        | -25.0       | 18.99       | 13.00     | Vertical | Horizontal | Pass    |
| 8068.163        | -26.92       | 6.55        | -25.0       | 1.92        | 307.00    | Vertical | Horizontal | N/A     |
| 8068.163*       | -33.965      | 6.55        | -25.0       | 8.965       | 307.00    | Vertical | Horizontal | Pass    |
| 13368.713       | -38.64       | 16.72       | -25.0       | 13.64       | 138.00    | Vertical | Horizontal | Pass    |

Note: The initial sweep time from 8GHz to 12.75GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance.

## 2.15LTE Band 66

Band:LTE B66 Channel:LOW range,BW:1.4M

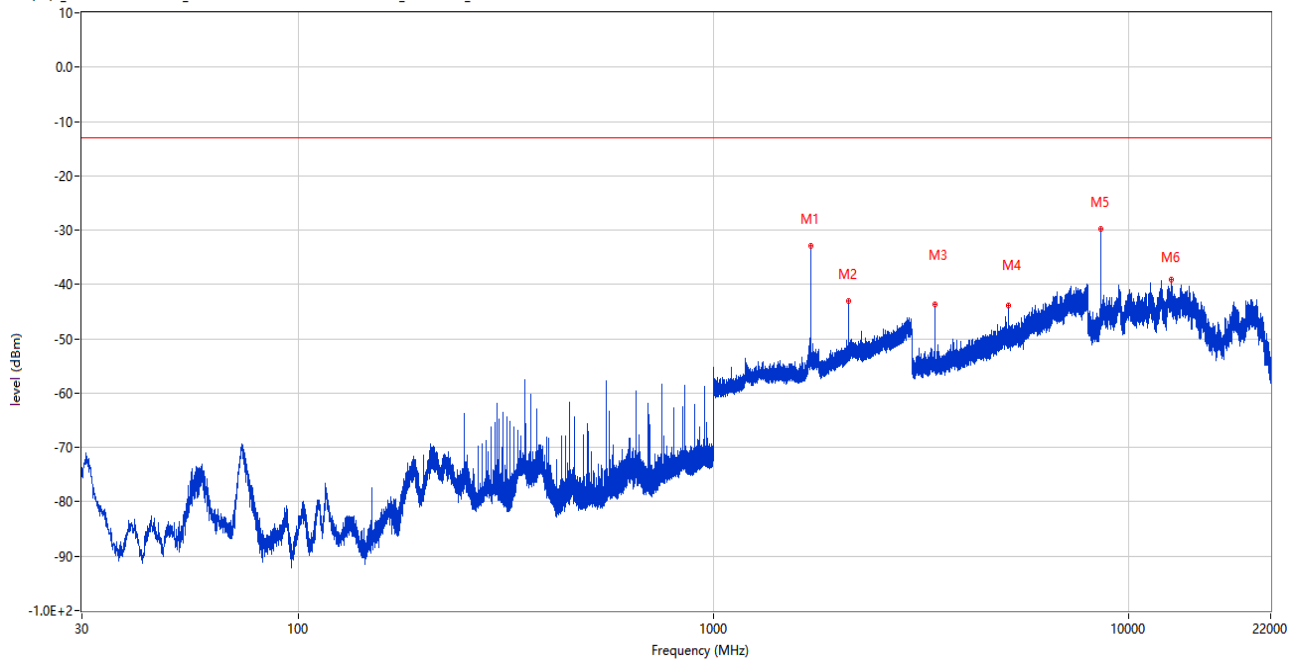
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1711.200        | -25.89       | 1.31        | -13.0       | 12.89       | 331.00    | Horizontal | Horizontal | N/A     |
| 2111.400        | -33.00       | 2.39        | -13.0       | 20.00       | 227.00    | Horizontal | Horizontal | N/A     |
| 3422.000        | -49.54       | 4.00        | -13.0       | 36.54       | 343.00    | Horizontal | Horizontal | Pass    |
| 5131.750        | -42.37       | 8.80        | -13.0       | 29.37       | 29.00     | Horizontal | Horizontal | Pass    |
| 8553.138        | -34.07       | 11.05       | -13.0       | 21.07       | 87.00     | Horizontal | Horizontal | Pass    |
| 13409.063       | -39.06       | 16.61       | -13.0       | 26.06       | 82.00     | Horizontal | Horizontal | Pass    |

Band:LTE B66 Channel:LOW range,BW:1.4M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1711.300        | -32.88       | 1.31        | -13.0       | 19.88       | 198.00    | Horizontal | Vertical | N/A     |
| 2111.300        | -43.13       | 2.39        | -13.0       | 30.13       | 189.00    | Horizontal | Vertical | N/A     |
| 3421.250        | -43.68       | 4.03        | -13.0       | 30.68       | 38.00     | Horizontal | Vertical | Pass    |
| 5131.750        | -43.85       | 8.80        | -13.0       | 30.85       | 88.00     | Horizontal | Vertical | Pass    |
| 8553.375        | -29.77       | 11.05       | -13.0       | 16.77       | 307.00    | Horizontal | Vertical | Pass    |
| 12671.388       | -39.03       | 14.44       | -13.0       | 26.03       | 163.00    | Horizontal | Vertical | Pass    |

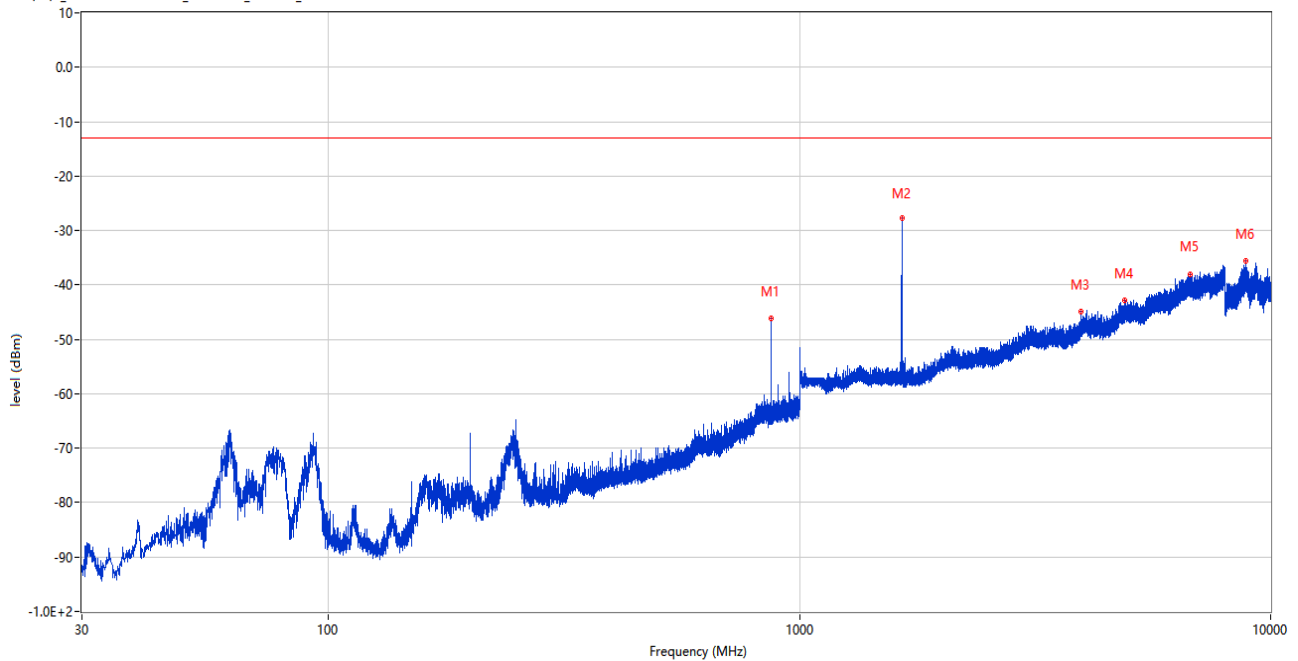
## Lower Card Slot Module

### 3. GPRS

#### 3.1 GPRS 850

Band:GPRS850,Channel:Low range

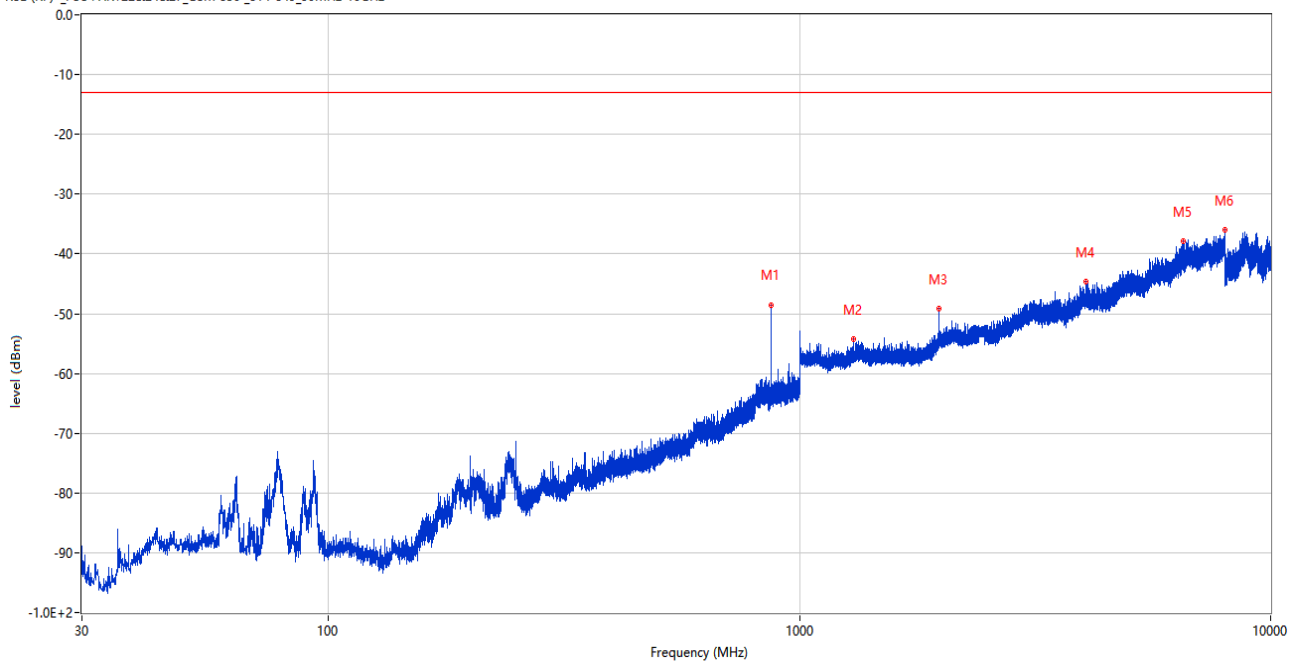
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 869.244         | -46.07       | 6.36        | -13.0       | 33.07       | 140.00    | Horizontal | Horizontal | N/A     |
| 1649.200        | -27.60       | -3.37       | -13.0       | 14.60       | 191.00    | Horizontal | Horizontal | Pass    |
| 3952.750        | -44.84       | 11.03       | -13.0       | 31.84       | 324.00    | Horizontal | Horizontal | Pass    |
| 4897.250        | -42.77       | 12.39       | -13.0       | 29.77       | 112.00    | Horizontal | Horizontal | Pass    |
| 6744.250        | -37.98       | 16.23       | -13.0       | 24.98       | 285.00    | Horizontal | Horizontal | Pass    |
| 8844.300        | -35.51       | 20.27       | -13.0       | 22.51       | 363.00    | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:Low range

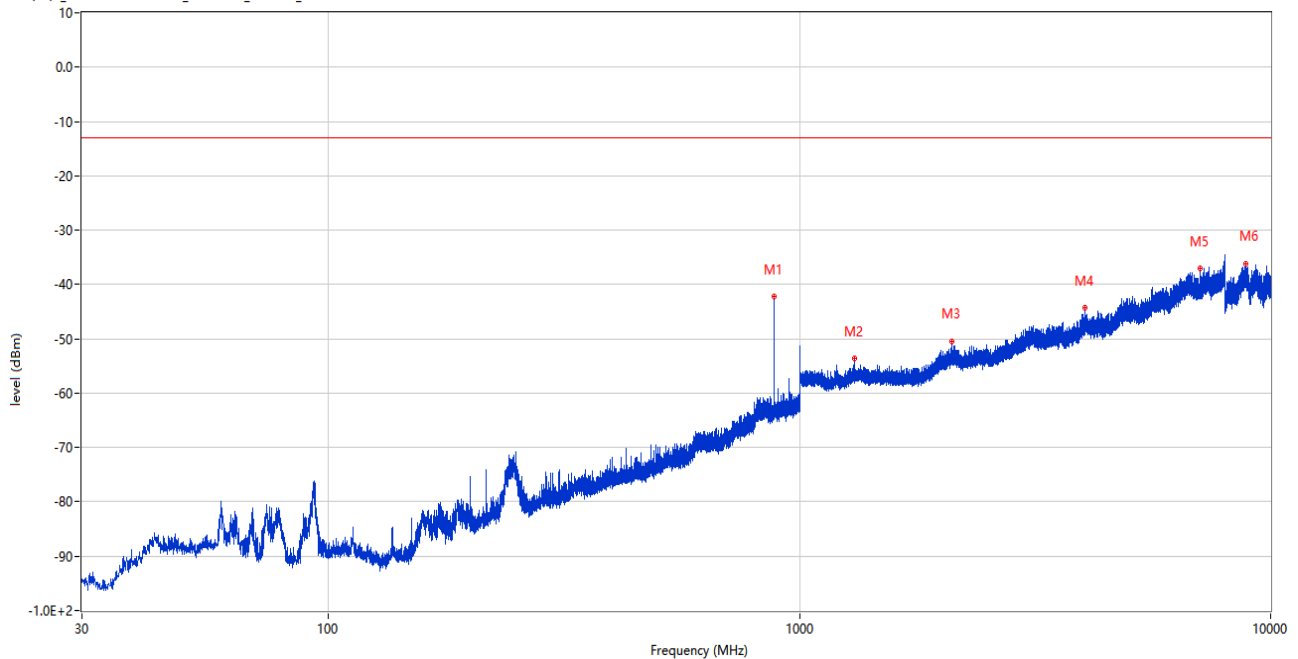
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 869.147         | -48.68       | 6.35        | -13.0       | 35.68       | 243.00    | Vertical | Horizontal | N/A     |
| 1303.400        | -54.28       | -2.44       | -13.0       | 41.28       | 34.00     | Vertical | Horizontal | Pass    |
| 1980.700        | -49.17       | -1.03       | -13.0       | 36.17       | 212.00    | Vertical | Horizontal | Pass    |
| 4061.250        | -44.73       | 11.64       | -13.0       | 31.73       | 109.00    | Vertical | Horizontal | Pass    |
| 6514.250        | -37.91       | 15.77       | -13.0       | 24.91       | 125.00    | Vertical | Horizontal | Pass    |
| 7985.500        | -36.06       | 18.30       | -13.0       | 23.06       | 340.00    | Vertical | Horizontal | Pass    |

Band:GPRS850,Channel:MID range

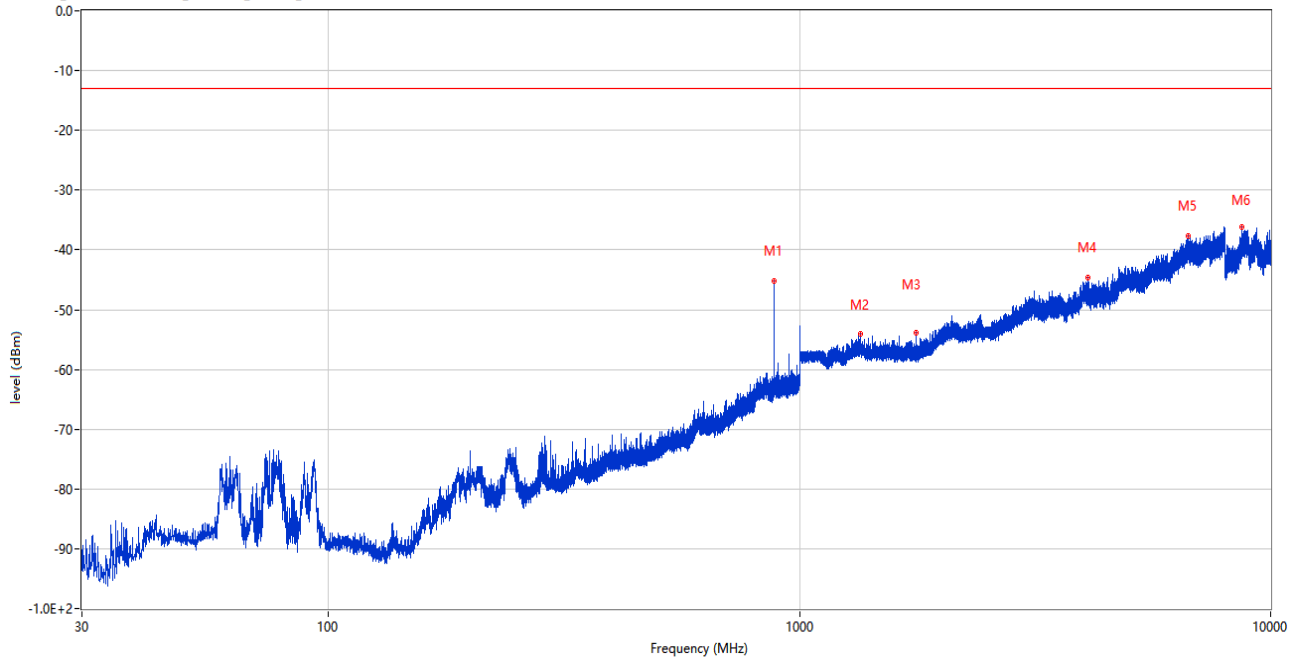
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 881.612         | -42.15       | 6.75        | -13.0       | 29.15       | 302.00    | Horizontal | Horizontal | N/A     |
| 1311.700        | -53.70       | -2.70       | -13.0       | 40.70       | 269.00    | Horizontal | Horizontal | Pass    |
| 2102.800        | -50.41       | 0.20        | -13.0       | 37.41       | 188.00    | Horizontal | Horizontal | Pass    |
| 4027.500        | -44.31       | 10.42       | -13.0       | 31.31       | 183.00    | Horizontal | Horizontal | Pass    |
| 7096.250        | -37.03       | 16.44       | -13.0       | 24.03       | 245.00    | Horizontal | Horizontal | Pass    |
| 8839.400        | -36.11       | 20.19       | -13.0       | 23.11       | 95.00     | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:MID range

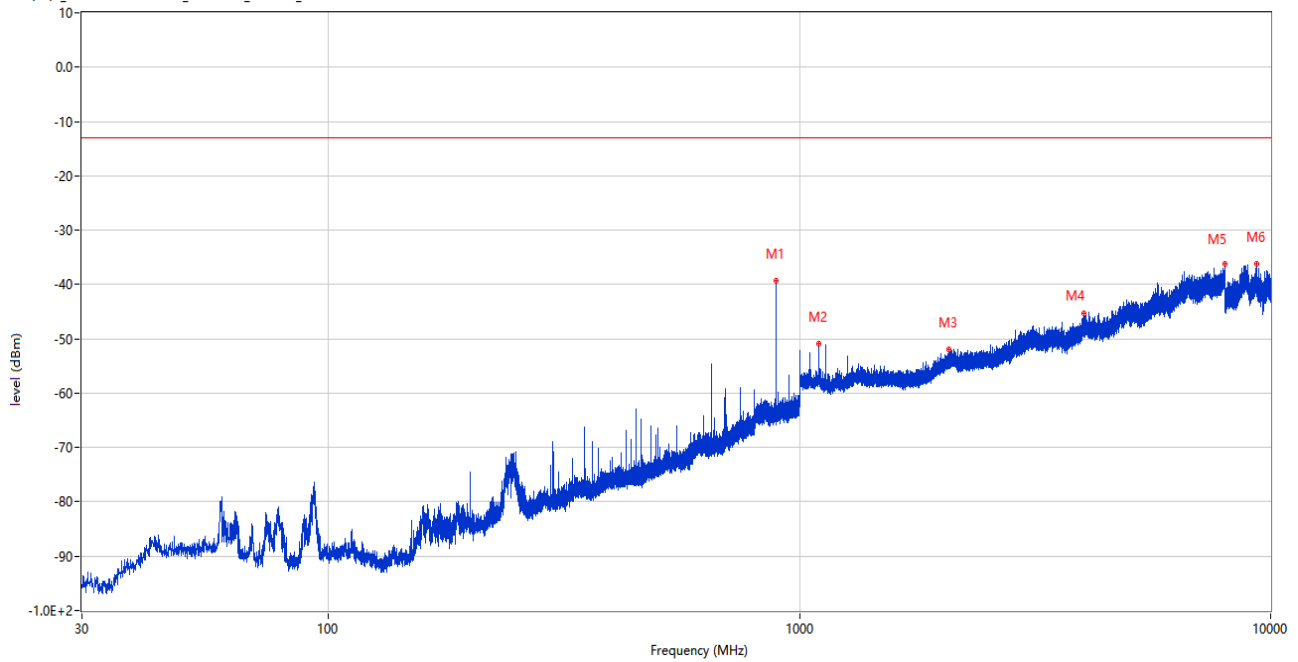
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 881.563         | -45.15       | 6.75        | -13.0       | 32.15       | 19.00     | Vertical | Horizontal | N/A     |
| 1345.800        | -54.07       | -2.34       | -13.0       | 41.07       | 145.00    | Vertical | Horizontal | Pass    |
| 1771.700        | -53.90       | -3.19       | -13.0       | 40.90       | 286.00    | Vertical | Horizontal | Pass    |
| 4092.250        | -44.60       | 10.56       | -13.0       | 31.60       | 21.00     | Vertical | Horizontal | Pass    |
| 6672.000        | -37.64       | 16.33       | -13.0       | 24.64       | 316.00    | Vertical | Horizontal | Pass    |
| 8703.300        | -36.09       | 19.38       | -13.0       | 23.09       | 61.00     | Vertical | Horizontal | Pass    |

Band:GPRS850,Channel:HIGH range

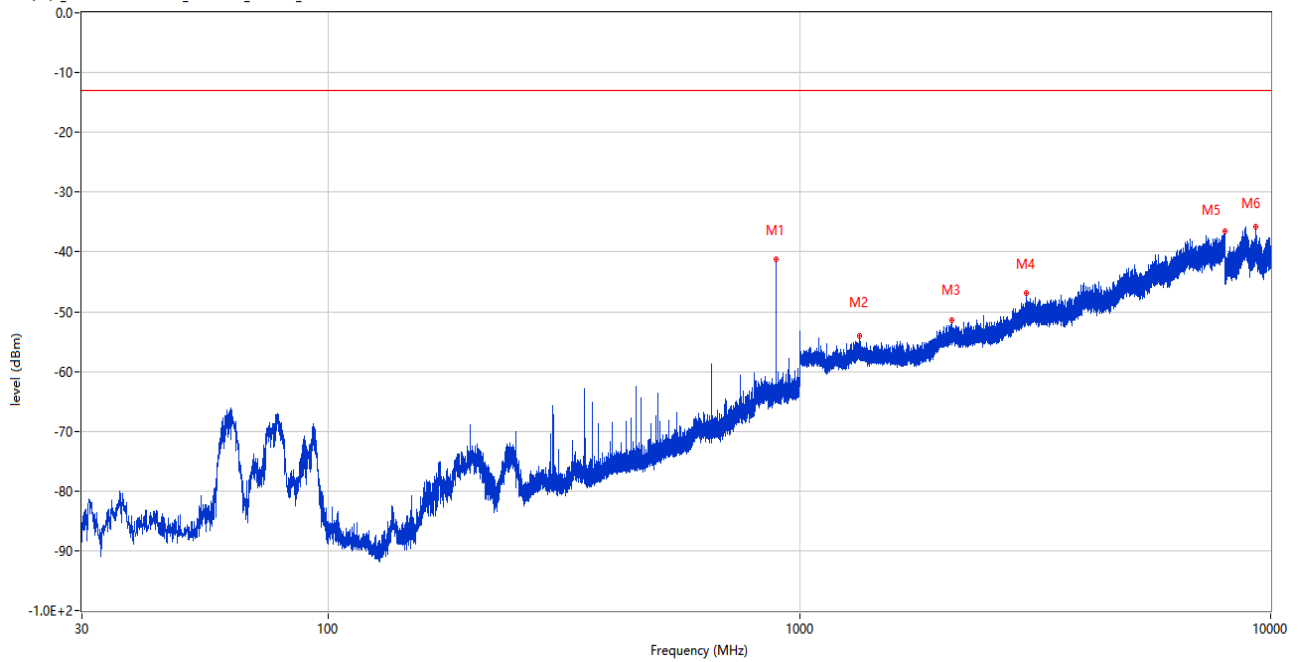
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 893.833         | -39.33       | 6.89        | -13.0       | 26.33       | 353.00    | Horizontal | Horizontal | N/A     |
| 1100.900        | -50.95       | -2.85       | -13.0       | 37.95       | 236.00    | Horizontal | Horizontal | Pass    |
| 2075.400        | -52.00       | 0.38        | -13.0       | 39.00       | 291.00    | Horizontal | Horizontal | Pass    |
| 4014.000        | -45.39       | 10.76       | -13.0       | 32.39       | 351.00    | Horizontal | Horizontal | Pass    |
| 7991.250        | -36.23       | 18.52       | -13.0       | 23.23       | 1.00      | Horizontal | Horizontal | Pass    |
| 9344.201        | -36.20       | 19.20       | -13.0       | 23.20       | 342.00    | Horizontal | Horizontal | Pass    |

Band:GPRS850,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz

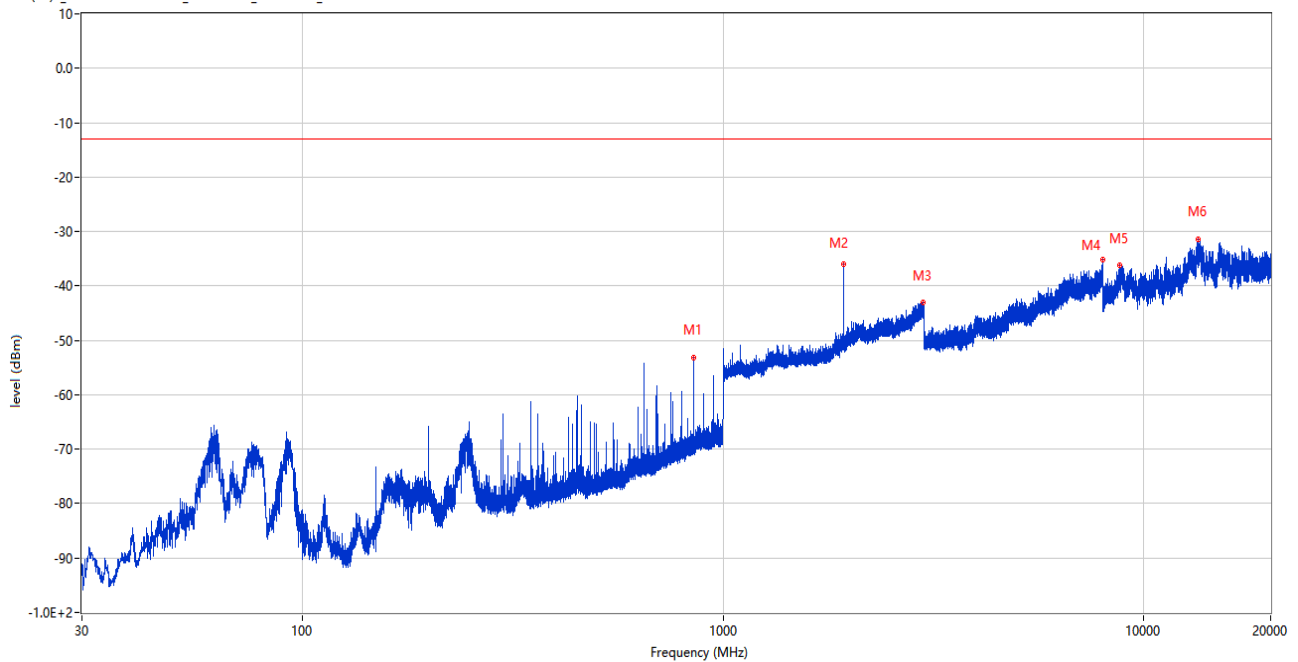


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 893.833         | -41.33       | 6.89        | -13.0       | 28.33       | 265.00    | Vertical | Horizontal | N/A     |
| 1342.100        | -54.10       | -2.38       | -13.0       | 41.10       | 22.00     | Vertical | Horizontal | Pass    |
| 2105.200        | -51.39       | 0.31        | -13.0       | 38.39       | 88.00     | Vertical | Horizontal | Pass    |
| 3029.000        | -46.95       | 6.35        | -13.0       | 33.95       | 286.00    | Vertical | Horizontal | Pass    |
| 7999.000        | -36.54       | 19.00       | -13.0       | 23.54       | 205.00    | Vertical | Horizontal | Pass    |
| 9315.900        | -35.72       | 19.58       | -13.0       | 22.72       | 63.00     | Vertical | Horizontal | Pass    |

### 3.2 GPRS 1900

Band:GPRS1900,Channel:Low range

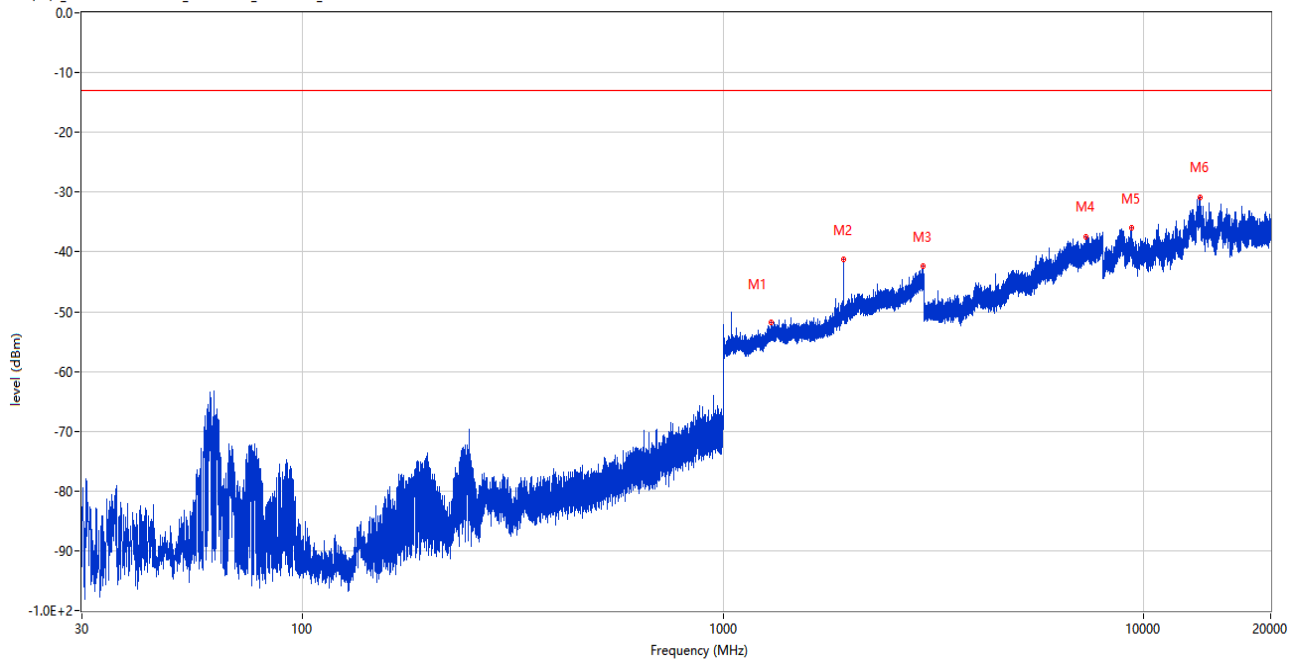
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 850.038         | -53.09       | 1.20        | -13.0       | 40.09       | 184.00    | Horizontal | Horizontal | Pass    |
| 1930.000        | -35.98       | 3.50        | -13.0       | 22.98       | 120.00    | Horizontal | Horizontal | N/A     |
| 2992.800        | -43.10       | 10.86       | -13.0       | 30.10       | 229.00    | Horizontal | Horizontal | Pass    |
| 7994.000        | -35.22       | 18.66       | -13.0       | 22.22       | 37.00     | Horizontal | Horizontal | Pass    |
| 8762.849        | -36.15       | 19.02       | -13.0       | 23.15       | 0.00      | Horizontal | Horizontal | Pass    |
| 13432.225       | -31.35       | 24.63       | -13.0       | 18.35       | 105.00    | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:Low range

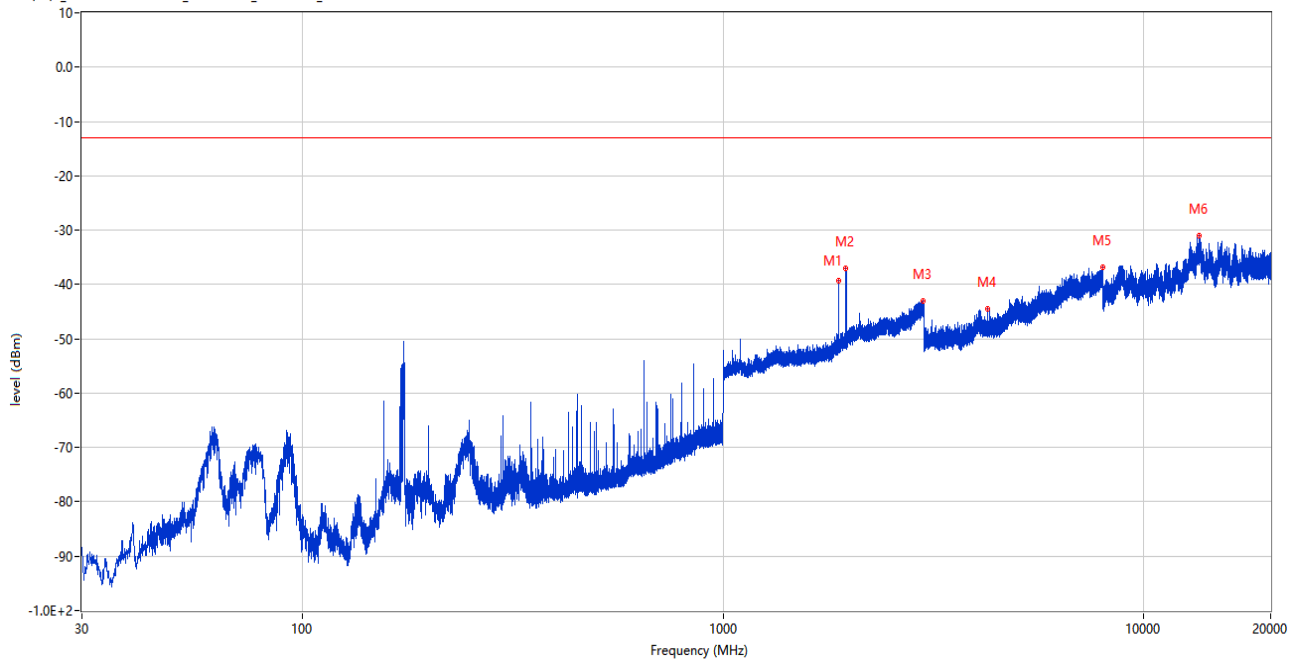
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1301.500        | -51.80       | 0.84        | -13.0       | 38.80       | 226.00    | Vertical | Horizontal | Pass    |
| 1930.100        | -41.29       | 3.50        | -13.0       | 28.29       | 128.00    | Vertical | Horizontal | N/A     |
| 2986.700        | -42.39       | 11.15       | -13.0       | 29.39       | 123.00    | Vertical | Horizontal | Pass    |
| 7299.750        | -37.41       | 16.79       | -13.0       | 24.41       | 355.00    | Vertical | Horizontal | Pass    |
| 9329.050        | -35.99       | 19.40       | -13.0       | 22.99       | 338.00    | Vertical | Horizontal | Pass    |
| 13576.138       | -30.84       | 25.04       | -13.0       | 17.84       | 168.00    | Vertical | Horizontal | Pass    |

Band:GPRS1900,Channel:MID range

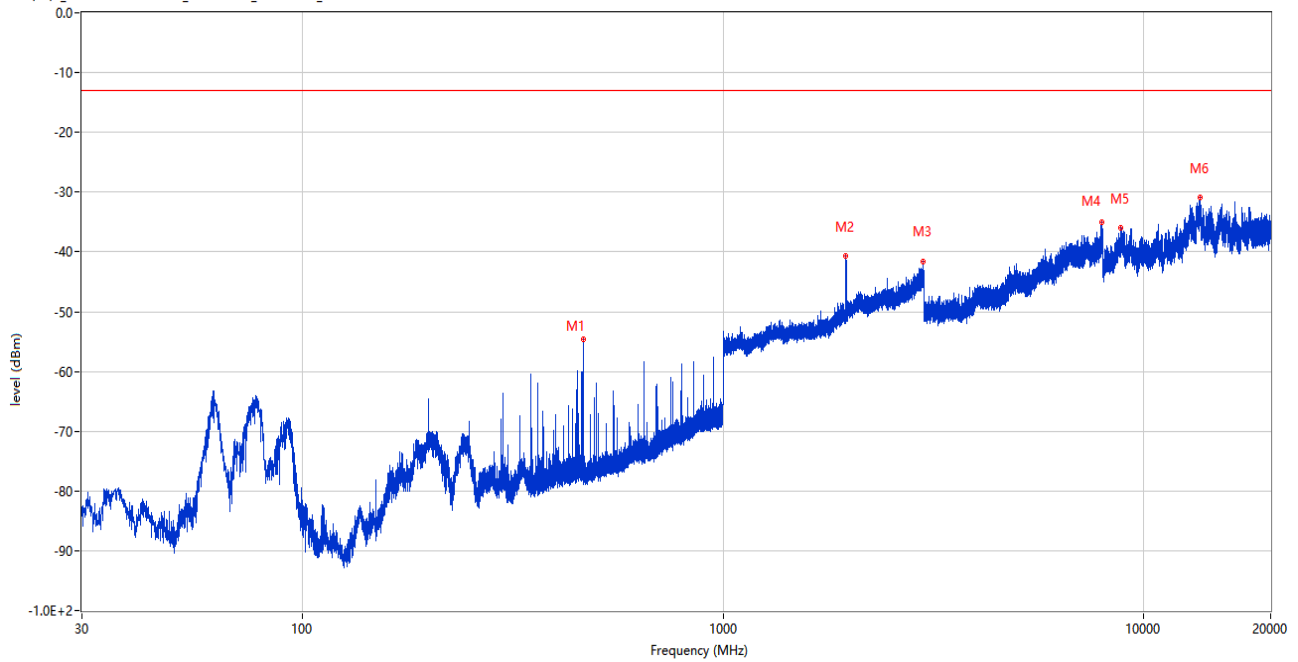
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1880.900        | -39.36       | 3.21        | -13.0       | 26.36       | 69.00     | Horizontal | Horizontal | N/A     |
| 1960.800        | -37.01       | 3.65        | -13.0       | 24.01       | 153.00    | Horizontal | Horizontal | N/A     |
| 2985.900        | -43.10       | 11.16       | -13.0       | 30.10       | 126.00    | Horizontal | Horizontal | Pass    |
| 4250.250        | -44.47       | 10.30       | -13.0       | 31.47       | 171.00    | Horizontal | Horizontal | Pass    |
| 7996.000        | -36.80       | 18.80       | -13.0       | 23.80       | 16.00     | Horizontal | Horizontal | Pass    |
| 13559.099       | -30.97       | 25.16       | -13.0       | 17.97       | 123.00    | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:MID range

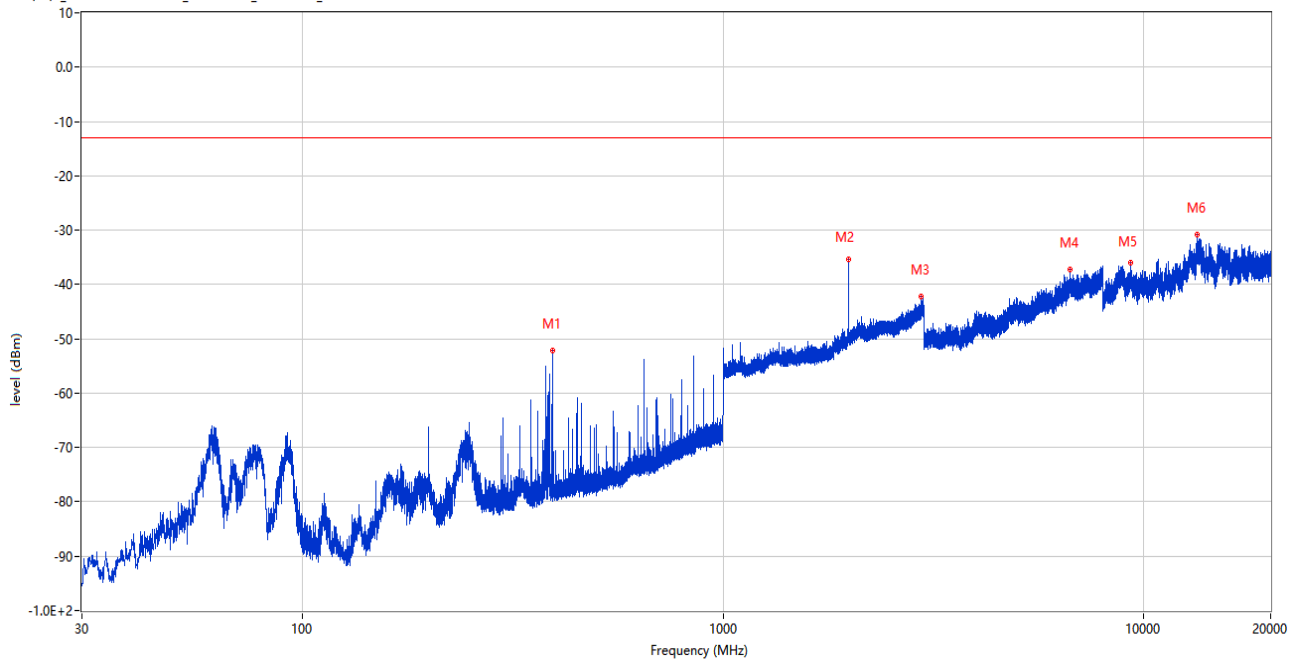
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 466.597         | -54.55       | -8.09       | -13.0       | 41.55       | 82.00     | Vertical | Horizontal | Pass    |
| 1960.800        | -40.76       | 3.65        | -13.0       | 27.76       | 120.00    | Vertical | Horizontal | N/A     |
| 2984.300        | -41.54       | 11.15       | -13.0       | 28.54       | 40.00     | Vertical | Horizontal | Pass    |
| 7958.750        | -35.05       | 18.24       | -13.0       | 22.05       | 284.00    | Vertical | Horizontal | Pass    |
| 8829.350        | -36.00       | 20.02       | -13.0       | 23.00       | 194.00    | Vertical | Horizontal | Pass    |
| 13581.938       | -30.90       | 25.00       | -13.0       | 17.90       | 171.00    | Vertical | Horizontal | Pass    |

Band:GPRS1900,Channel:HIGH range

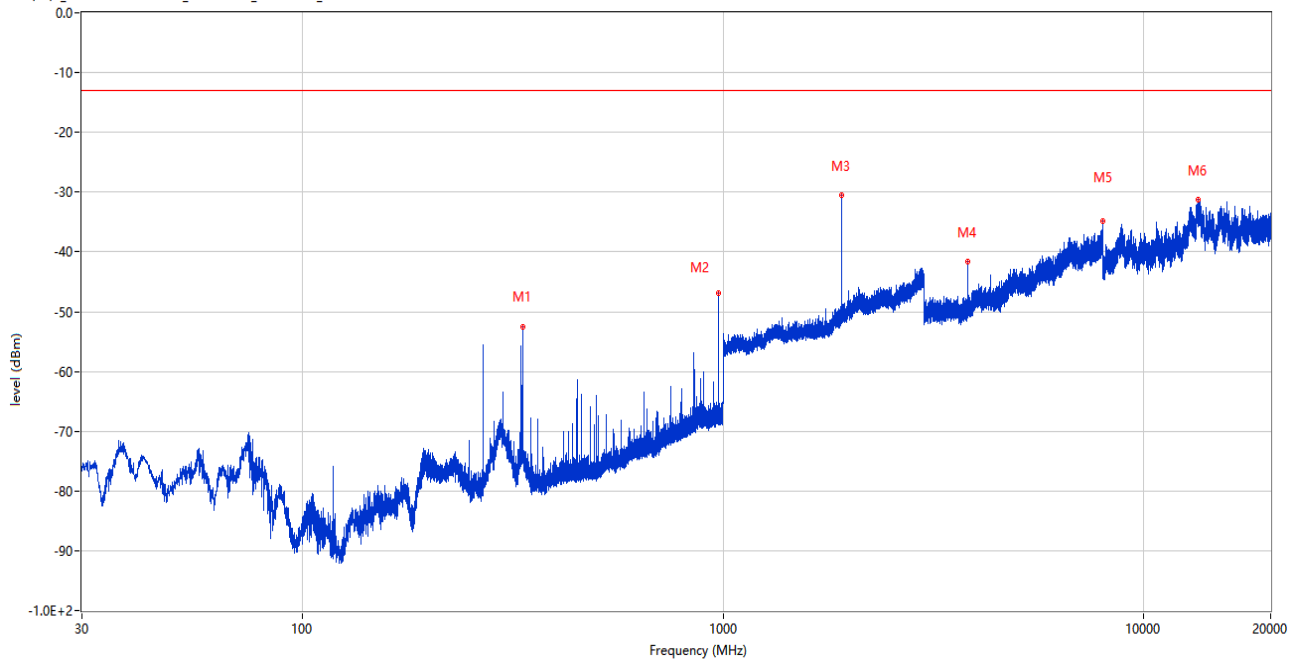
RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 393.508         | -52.10       | -8.83       | -13.0       | 39.10       | 83.00     | Horizontal | Horizontal | Pass    |
| 1989.600        | -35.39       | 4.50        | -13.0       | 22.39       | 125.00    | Horizontal | Horizontal | N/A     |
| 2959.300        | -42.22       | 10.86       | -13.0       | 29.22       | 125.00    | Horizontal | Horizontal | Pass    |
| 6688.250        | -37.25       | 16.71       | -13.0       | 24.25       | 199.00    | Horizontal | Horizontal | Pass    |
| 9293.662        | -36.02       | 19.63       | -13.0       | 23.02       | 163.00    | Horizontal | Horizontal | Pass    |
| 13384.375       | -30.79       | 24.75       | -13.0       | 17.79       | 33.00     | Horizontal | Horizontal | Pass    |

Band:GPRS1900,Channel:HIGH range

RSE (RF) \_FCC PART22&24&27\_GSM 1900 \_1830-1920\_30MHz-20GHz



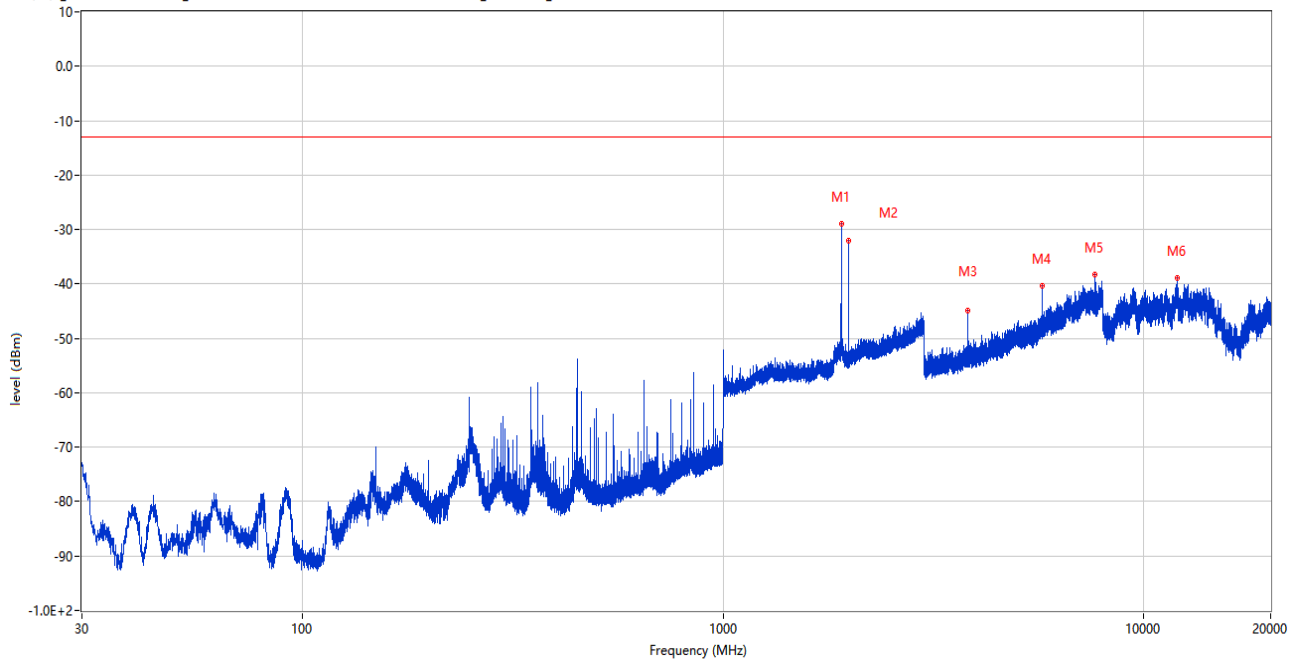
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 334.968         | -52.62       | -10.32      | -13.0       | 39.62       | 28.00     | Vertical | Horizontal | Pass    |
| 975.653         | -46.96       | 3.05        | -13.0       | 33.96       | 54.00     | Vertical | Horizontal | Pass    |
| 1909.600        | -30.56       | 3.56        | -13.0       | 17.56       | 0.00      | Vertical | Horizontal | N/A     |
| 3820.000        | -41.69       | 9.62        | -13.0       | 28.69       | 317.00    | Vertical | Horizontal | Pass    |
| 7998.750        | -34.75       | 18.95       | -13.0       | 21.75       | 26.00     | Vertical | Horizontal | Pass    |
| 13423.162       | -31.32       | 24.69       | -13.0       | 18.32       | 148.00    | Vertical | Horizontal | Pass    |

## 4. LTE

### 4.1 LTE Band 2

Band:LTE B2 Channel:High range BW:1.4M

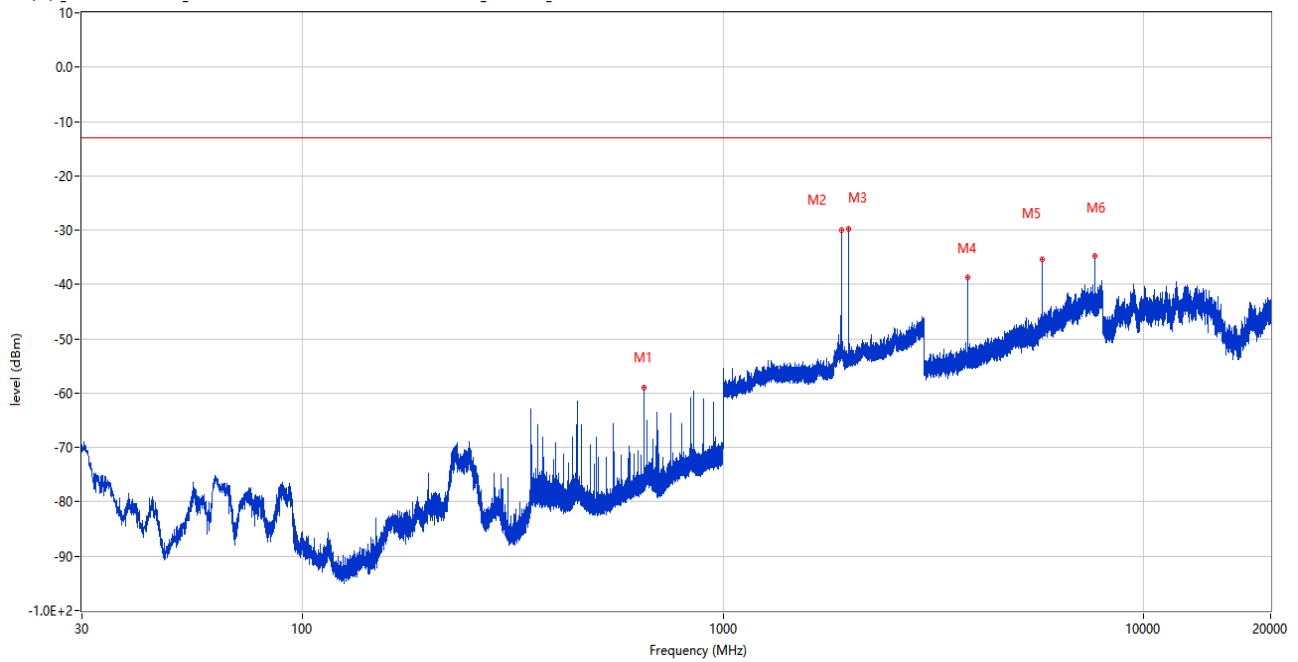
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1909.900        | -29.00       | 2.84        | -13.0       | 16.00       | 322.00    | Horizontal | Horizontal | N/A     |
| 1990.000        | -32.08       | 0.86        | -13.0       | 19.08       | 240.00    | Horizontal | Horizontal | N/A     |
| 3819.000        | -44.83       | 5.46        | -13.0       | 31.83       | 285.00    | Horizontal | Horizontal | Pass    |
| 5727.750        | -40.38       | 10.03       | -13.0       | 27.38       | 254.00    | Horizontal | Horizontal | Pass    |
| 7636.500        | -38.26       | 13.67       | -13.0       | 25.26       | 172.00    | Horizontal | Horizontal | Pass    |
| 11992.375       | -38.92       | 14.01       | -13.0       | 25.92       | 275.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B2 Channel:High range BW:1.4M

RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

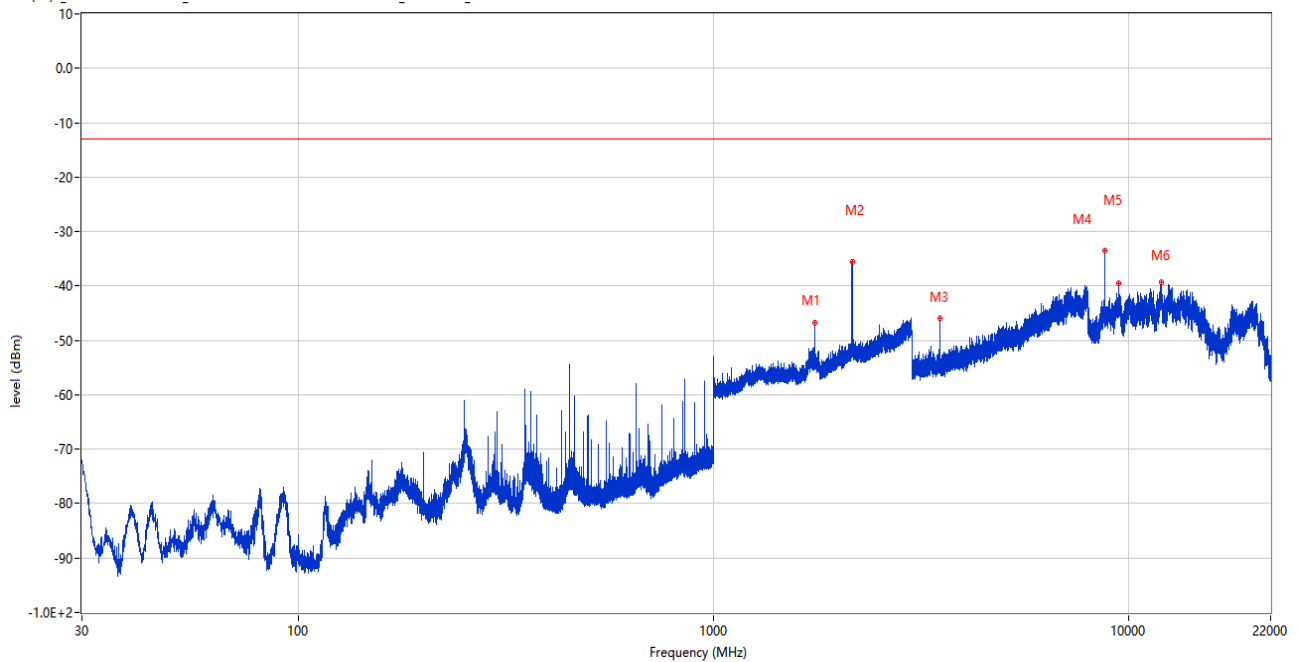


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 650.024         | -58.92       | -4.60       | -13.0       | 45.92       | 297.00    | Vertical | Horizontal | Pass    |
| 1909.700        | -29.99       | 2.84        | -13.0       | 16.99       | 234.00    | Vertical | Horizontal | N/A     |
| 1990.000        | -29.73       | 0.86        | -13.0       | 16.73       | 124.00    | Vertical | Horizontal | N/A     |
| 3818.750        | -38.69       | 5.44        | -13.0       | 25.69       | 4.00      | Vertical | Horizontal | Pass    |
| 5727.500        | -35.42       | 10.03       | -13.0       | 22.42       | 284.00    | Vertical | Horizontal | Pass    |
| 7636.500        | -34.76       | 13.67       | -13.0       | 21.76       | 236.00    | Vertical | Horizontal | Pass    |

## 4.2 LTE Band 4

Band:LTE B4 Channel:HIGH range BW:1.4M

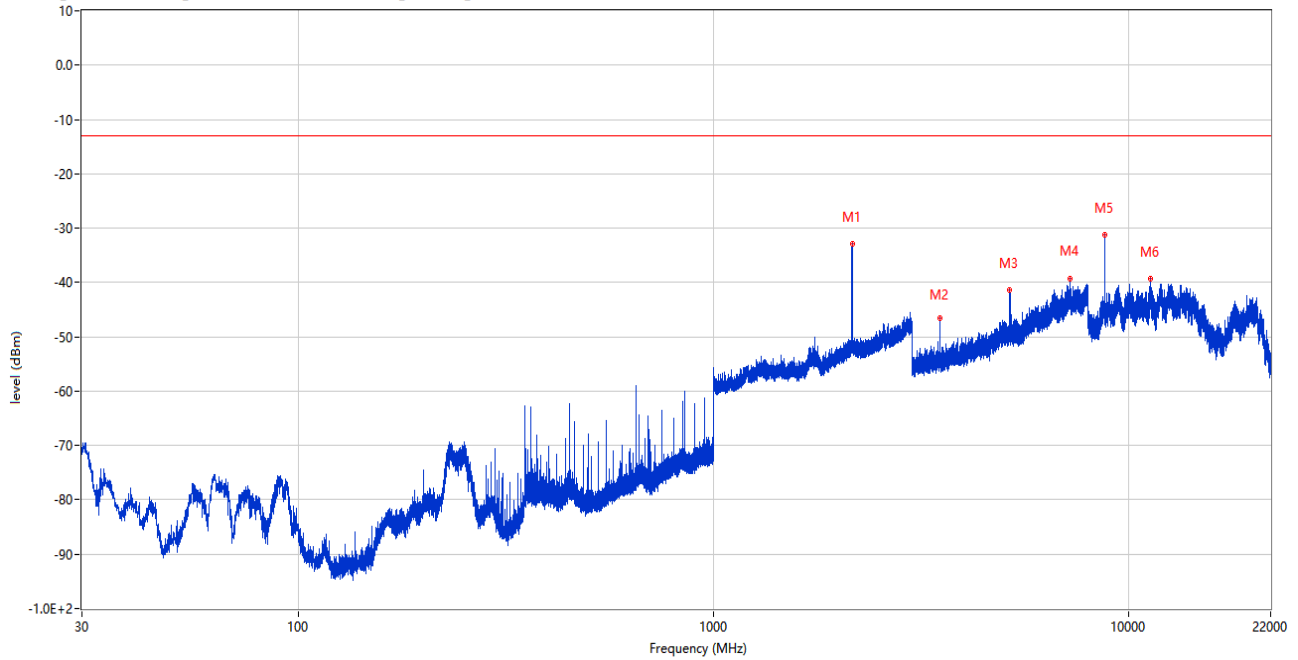
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1754.800        | -46.67       | 0.96        | -13.0       | 33.67       | 334.00    | Horizontal | Horizontal | N/A     |
| 2155.100        | -35.56       | 3.03        | -13.0       | 22.56       | 306.00    | Horizontal | Horizontal | N/A     |
| 3509.000        | -45.98       | 4.44        | -13.0       | 32.98       | 164.00    | Horizontal | Horizontal | Pass    |
| 8770.925        | -33.48       | 12.49       | -13.0       | 20.48       | 274.00    | Horizontal | Horizontal | Pass    |
| 9453.737        | -39.54       | 13.70       | -13.0       | 26.54       | 329.00    | Horizontal | Horizontal | Pass    |
| 11975.513       | -39.25       | 14.02       | -13.0       | 26.25       | 263.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B4 Channel:HIGH range BW:1.4M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz

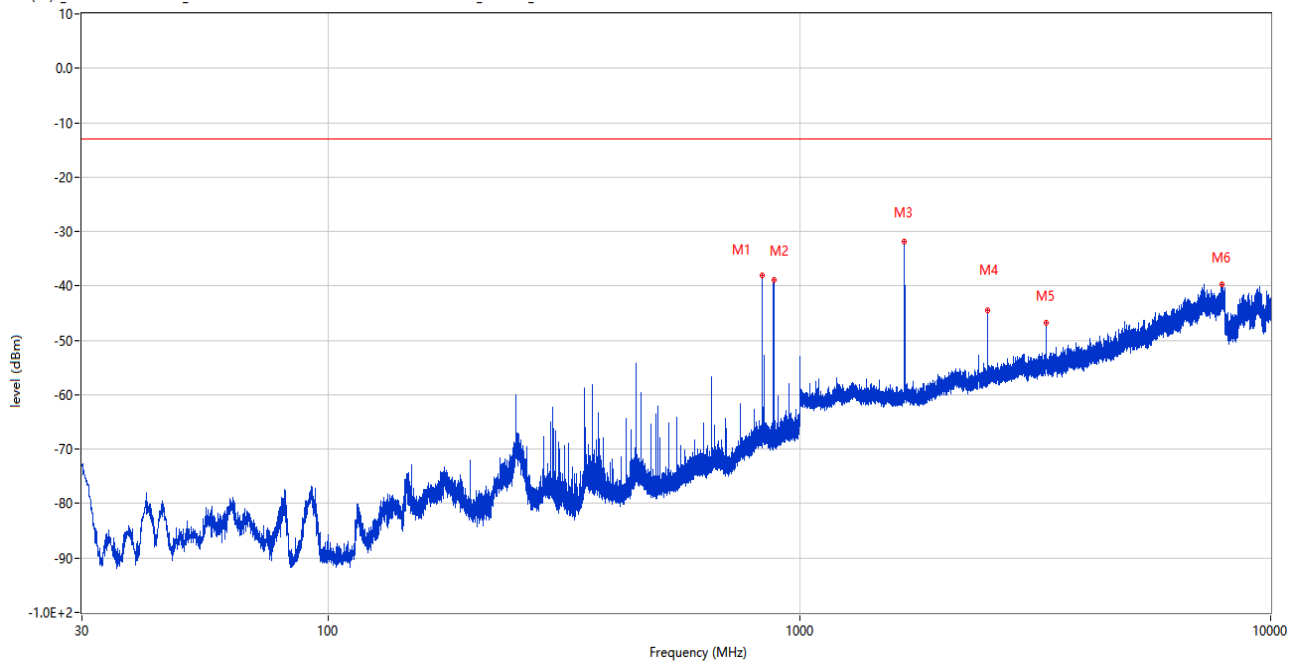


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2155.300        | -32.88       | 3.03        | -13.0       | 19.88       | 81.00     | Vertical | Horizontal | N/A     |
| 3509.000        | -46.50       | 4.44        | -13.0       | 33.50       | 295.00    | Vertical | Horizontal | Pass    |
| 5176.500        | -41.39       | 8.62        | -13.0       | 28.39       | 158.00    | Vertical | Horizontal | Pass    |
| 7240.750        | -39.22       | 15.01       | -13.0       | 26.22       | 359.00    | Vertical | Horizontal | Pass    |
| 8770.688        | -31.31       | 12.49       | -13.0       | 18.31       | 178.00    | Vertical | Horizontal | Pass    |
| 11313.362       | -39.23       | 13.87       | -13.0       | 26.23       | 189.00    | Vertical | Horizontal | Pass    |

### 4.3 LTE Band 5

Band:LTE B5 Channel:Mid range BW:5M

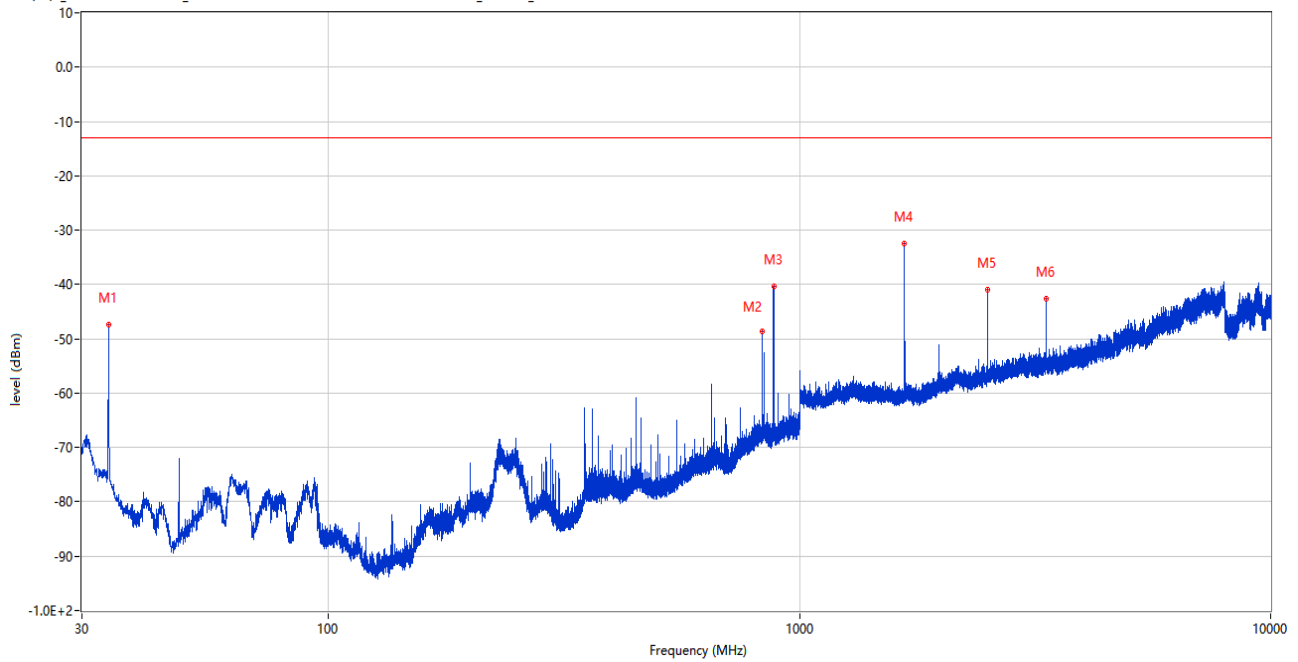
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 834.372         | -37.99       | 5.61        | -13.0       | 24.99       | 176.00    | Horizontal | Horizontal | N/A     |
| 883.455         | -38.80       | 4.18        | -13.0       | 25.80       | 192.00    | Horizontal | Horizontal | N/A     |
| 1669.500        | -33.49       | -5.59       | -13.0       | 20.49       | 1.00      | Horizontal | Horizontal | Pass    |
| 2504.100        | -44.43       | -1.34       | -13.0       | 31.43       | 335.00    | Horizontal | Horizontal | Pass    |
| 3337.750        | -46.77       | 4.34        | -13.0       | 33.77       | 161.00    | Horizontal | Horizontal | Pass    |
| 7899.250        | -39.73       | 14.85       | -13.0       | 26.73       | 346.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B5 Channel:Mid range BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

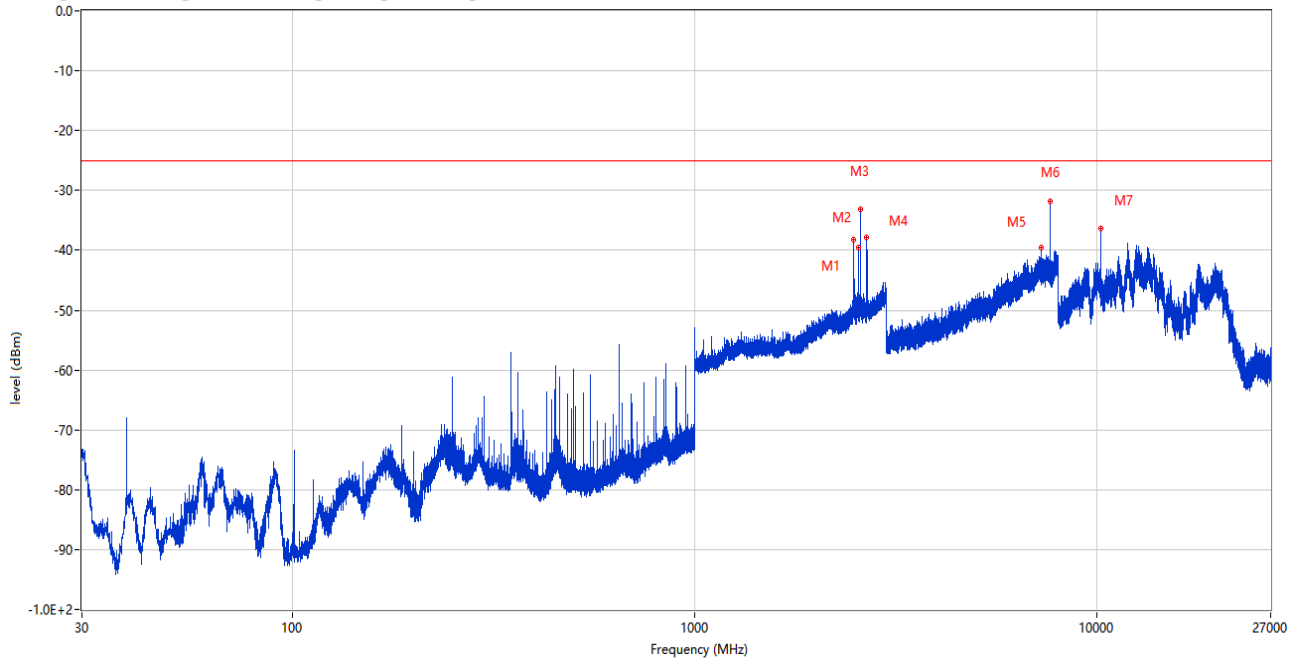


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 34.123          | -47.36       | -21.72      | -13.0       | 34.36       | 48.00     | Vertical | Horizontal | Pass    |
| 834.276         | -48.70       | 5.61        | -13.0       | 35.70       | 173.00    | Vertical | Horizontal | N/A     |
| 881.806         | -40.40       | 4.06        | -13.0       | 27.40       | 96.00     | Vertical | Horizontal | N/A     |
| 1669.400        | -32.43       | -5.59       | -13.0       | 19.43       | 157.00    | Vertical | Horizontal | Pass    |
| 2503.800        | -40.96       | -1.32       | -13.0       | 27.96       | 30.00     | Vertical | Horizontal | Pass    |
| 3337.750        | -42.71       | 4.34        | -13.0       | 29.71       | 164.00    | Vertical | Horizontal | Pass    |

#### 4.4 LTE Band 7

Band:LTE B7 Channel:High range BW:20M

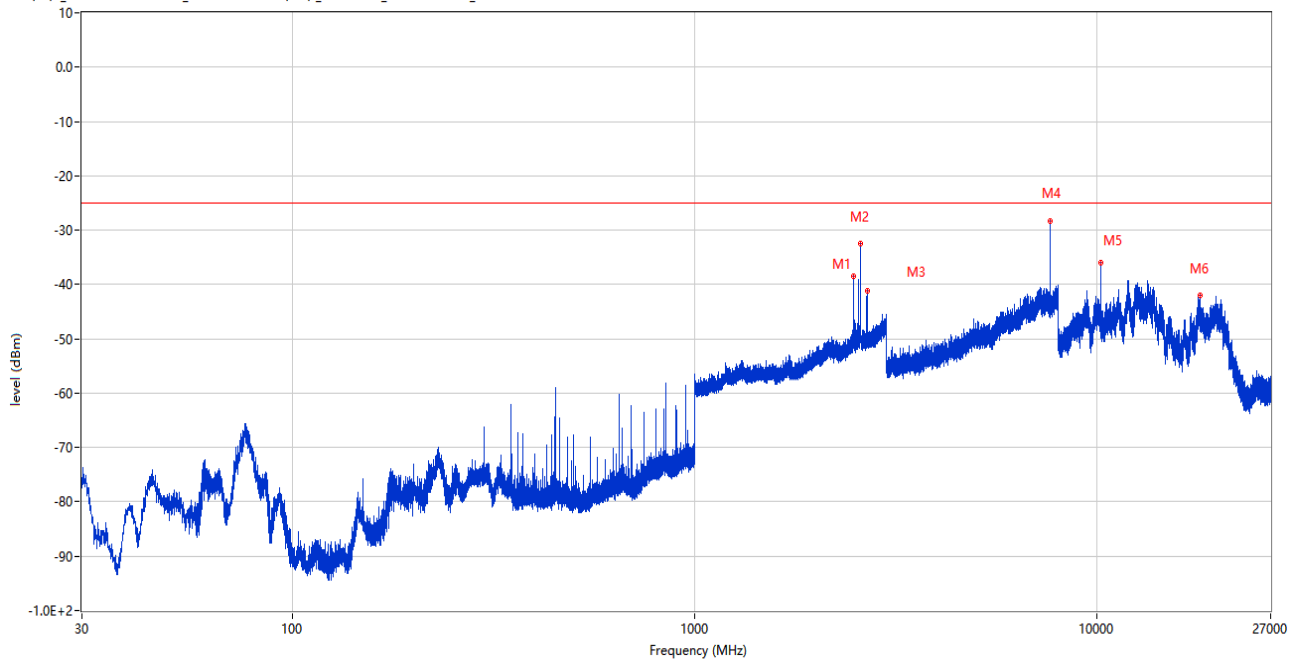
RSE (RF) \_FCC PART2&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 2480.700        | -38.26       | 6.19        | -25.0       | 13.26       | 354.00    | Horizontal | Horizontal | Pass    |
| 2552.100        | -39.63       | 6.55        | -25.0       | 14.63       | 354.00    | Horizontal | Horizontal | N/A     |
| 2587.500        | -33.21       | 5.97        | -25.0       | 8.21        | 0.00      | Horizontal | Horizontal | N/A     |
| 2673.000        | -37.81       | 5.83        | -25.0       | 12.81       | 331.00    | Horizontal | Horizontal | N/A     |
| 7247.500        | -39.59       | 14.94       | -25.0       | 14.59       | 37.00     | Horizontal | Horizontal | Pass    |
| 7653.750        | -31.88       | 13.34       | -25.0       | 6.88        | 186.00    | Horizontal | Horizontal | Pass    |
| 10204.951       | -36.37       | 11.00       | -25.0       | 11.37       | 200.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B7 Channel:High range BW:20M

RSE (RF) \_FCC PART22&24&27\_LTE Band 7 & 41(low) \_2496-2570\_30MHz-27GHz\_

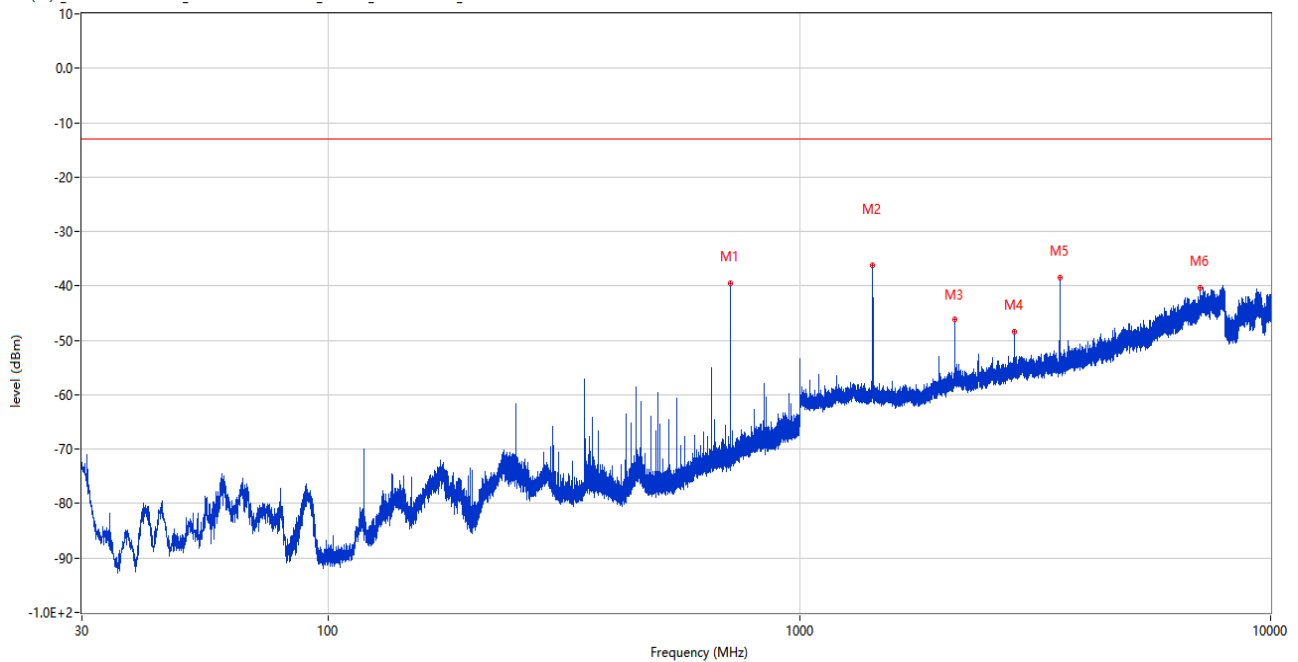


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2480.700        | -38.53       | 6.19        | -25.0       | 13.53       | 137.00    | Vertical | Horizontal | Pass    |
| 2587.700        | -32.42       | 5.95        | -25.0       | 7.42        | 257.00    | Vertical | Horizontal | N/A     |
| 2682.100        | -41.23       | 6.25        | -25.0       | 16.23       | 205.00    | Vertical | Horizontal | N/A     |
| 7654.000        | -28.35       | 13.34       | -25.0       | 3.35        | 127.00    | Vertical | Horizontal | Pass    |
| 10205.425       | -36.01       | 10.98       | -25.0       | 11.01       | 360.00    | Vertical | Horizontal | Pass    |
| 17999.475       | -41.90       | 12.86       | -25.0       | 16.90       | 27.00     | Vertical | Horizontal | Pass    |

#### 4.5 LTE Band 12

Band:LTE B12 Channel:High range BW:3M

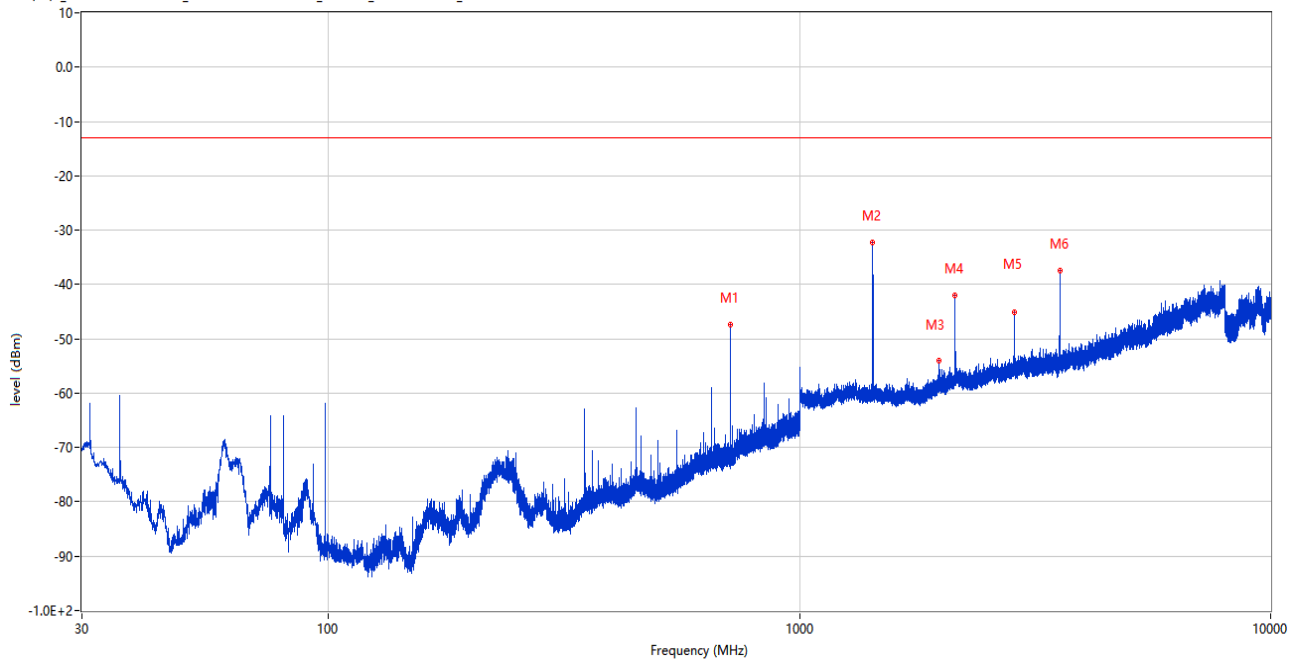
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 713.317         | -39.58       | 1.47        | -13.0       | 26.58       | 305.00    | Horizontal | Horizontal | N/A     |
| 1427.300        | -36.21       | -5.24       | -13.0       | 23.21       | 214.00    | Horizontal | Horizontal | Pass    |
| 2140.300        | -46.18       | -2.23       | -13.0       | 33.18       | 312.00    | Horizontal | Horizontal | Pass    |
| 2854.000        | -48.41       | 0.93        | -13.0       | 35.41       | 153.00    | Horizontal | Horizontal | Pass    |
| 3566.750        | -38.56       | 5.39        | -13.0       | 25.56       | 207.00    | Horizontal | Horizontal | Pass    |
| 7099.750        | -40.33       | 13.24       | -13.0       | 27.33       | 334.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B12 Channel:High range BW:3M

RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_

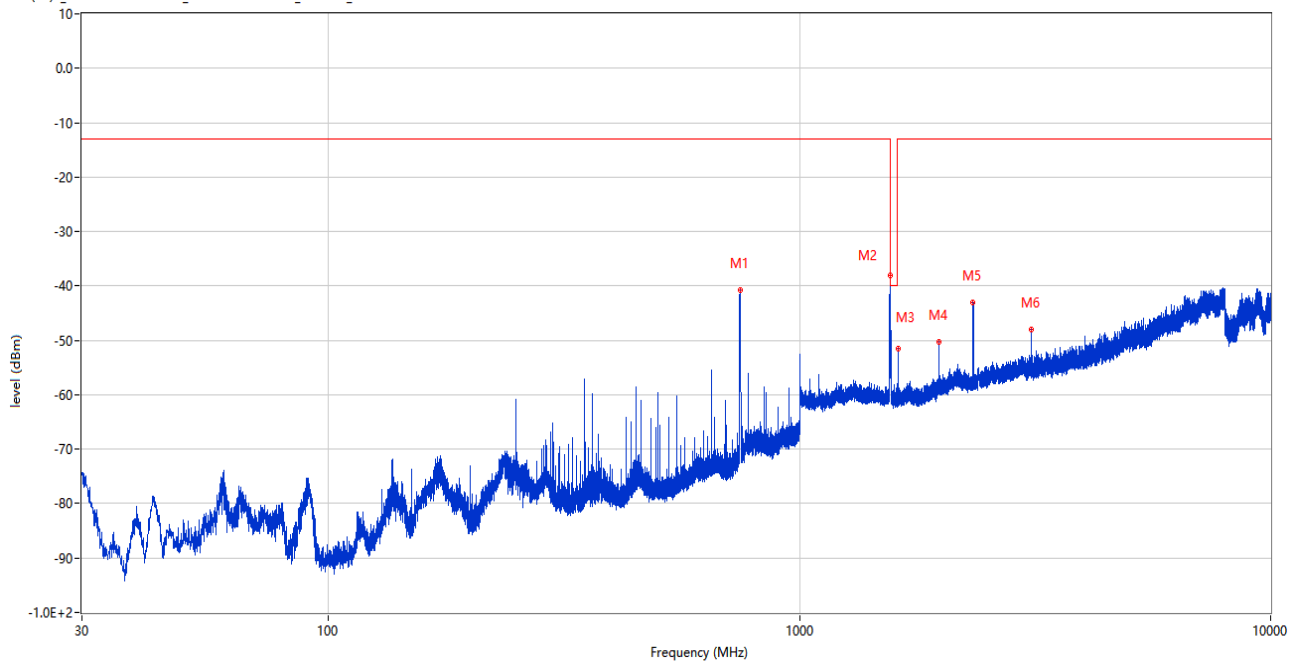


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 713.219         | -47.31       | 1.47        | -13.0       | 34.31       | 295.00    | Vertical | Horizontal | N/A     |
| 1427.300        | -32.34       | -5.24       | -13.0       | 19.34       | 279.00    | Vertical | Horizontal | Pass    |
| 1975.500        | -53.96       | -3.84       | -13.0       | 40.96       | 133.00    | Vertical | Horizontal | Pass    |
| 2140.600        | -42.02       | -2.24       | -13.0       | 29.02       | 204.00    | Vertical | Horizontal | Pass    |
| 2853.800        | -45.20       | 0.93        | -13.0       | 32.20       | 96.00     | Vertical | Horizontal | Pass    |
| 3566.750        | -37.38       | 5.39        | -13.0       | 24.38       | 165.00    | Vertical | Horizontal | Pass    |

#### 4.6 LTE Band 13

Band:LTE B13 Channel:low range BW:5M

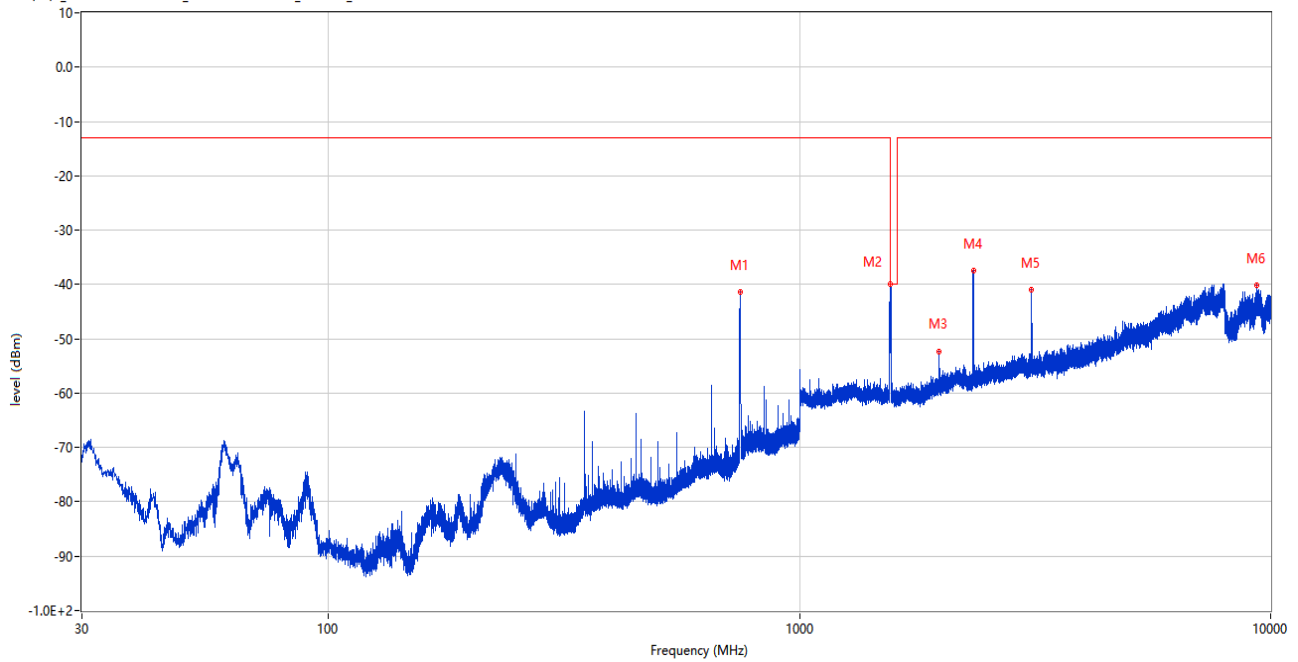
RSE (RF) \_FCC PART22&24&27\_LTE Band 13 & 14 \_777-803\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 748.867         | -40.74       | 1.32        | -13.0       | 27.74       | 217.00    | Horizontal | Horizontal | N/A     |
| 1555.500        | -38.08       | -5.57       | -13.0       | 25.08       | 346.00    | Horizontal | Horizontal | Pass    |
| 1619.200        | -51.44       | -6.12       | -13.0       | 38.44       | 336.00    | Horizontal | Horizontal | Pass    |
| 1980.700        | -50.31       | -4.04       | -13.0       | 37.31       | 56.00     | Horizontal | Horizontal | Pass    |
| 2332.600        | -43.10       | -2.28       | -13.0       | 30.10       | 33.00     | Horizontal | Horizontal | Pass    |
| 3110.250        | -47.96       | 3.54        | -13.0       | 34.96       | 93.00     | Horizontal | Horizontal | Pass    |

## Band:LTE B13 Channel:low range BW:5M

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

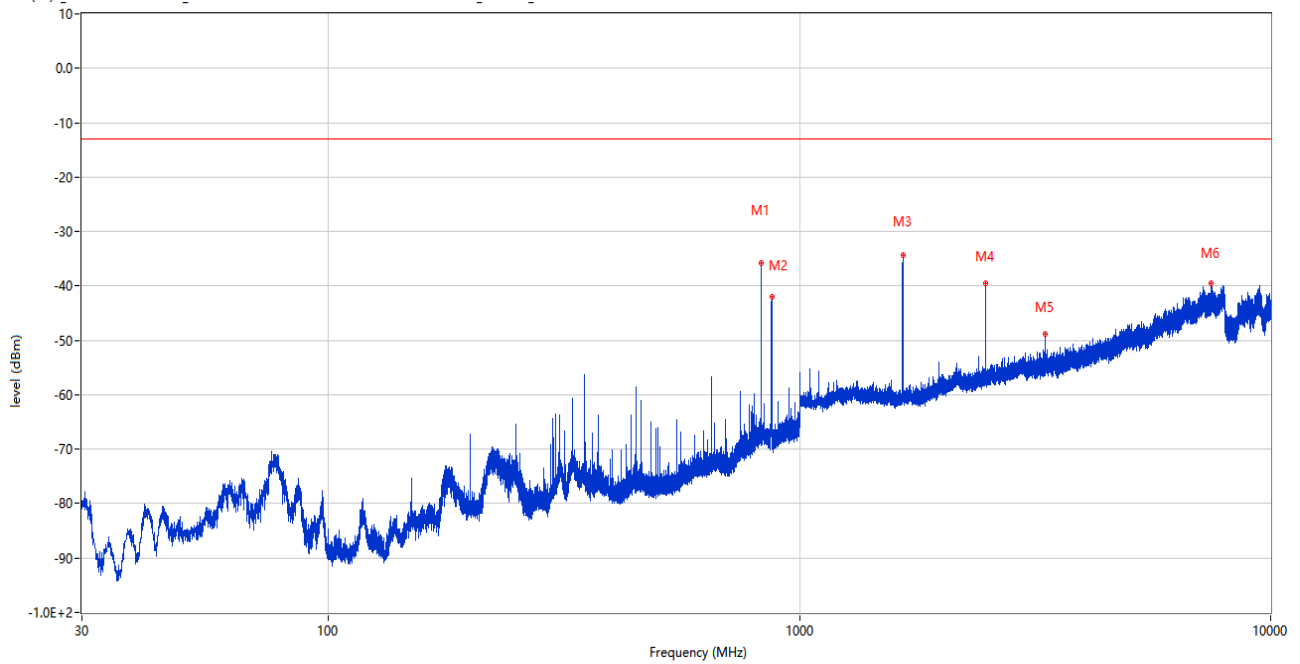


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 748.430         | -41.44       | 1.20        | -13.0       | 28.44       | 127.00    | Vertical | Horizontal | N/A     |
| 1555.900        | -40.02       | -5.58       | -13.0       | 27.02       | 308.00    | Vertical | Horizontal | Pass    |
| 1980.900        | -52.28       | -4.07       | -13.0       | 39.28       | 145.00    | Vertical | Horizontal | Pass    |
| 2345.100        | -37.42       | -2.10       | -13.0       | 24.42       | 304.00    | Vertical | Horizontal | Pass    |
| 3110.000        | -40.97       | 3.55        | -13.0       | 27.97       | 133.00    | Vertical | Horizontal | Pass    |
| 9362.900        | -40.18       | 13.77       | -13.0       | 27.18       | 360.00    | Vertical | Horizontal | Pass    |

#### 4.7 LTE Band 18 (Part 22)

Band:LTE B18 Channel:Mid range BW:5M

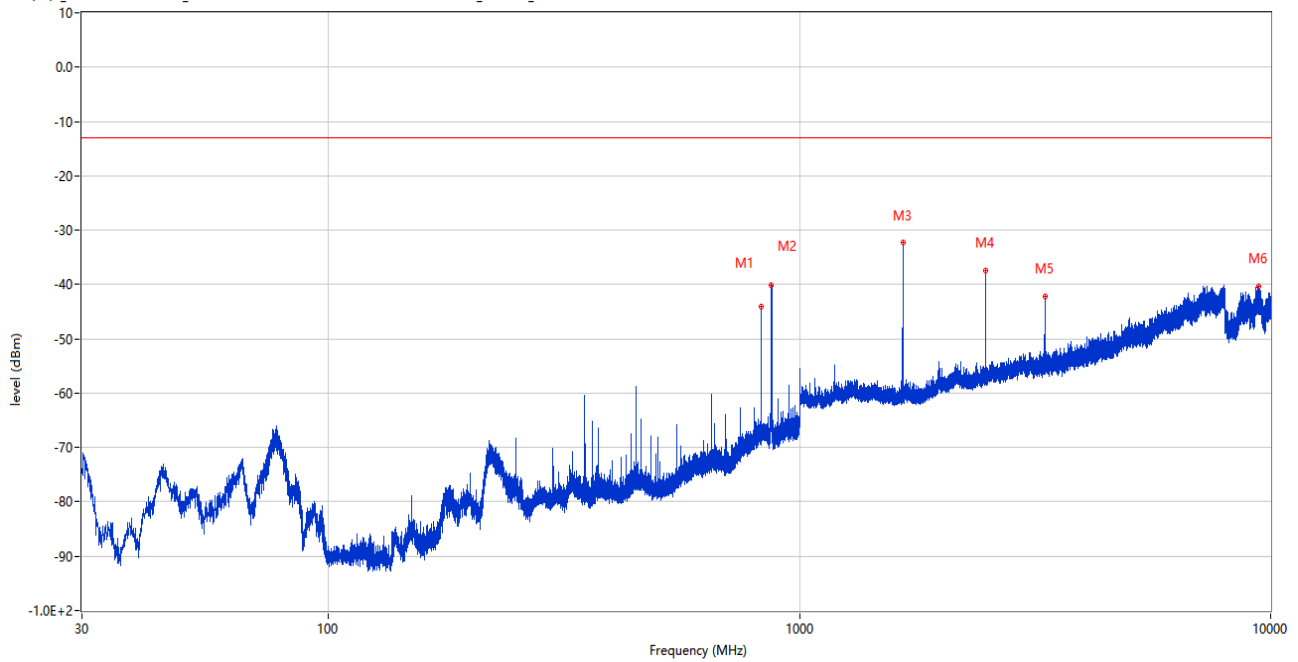
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 829.183         | -35.82       | 5.40        | -13.0       | 22.82       | 211.00    | Horizontal | Horizontal | N/A     |
| 873.754         | -42.08       | 4.03        | -13.0       | 29.08       | 1.00      | Horizontal | Horizontal | N/A     |
| 1659.100        | -34.38       | -5.69       | -13.0       | 21.38       | 216.00    | Horizontal | Horizontal | Pass    |
| 2488.200        | -39.56       | -1.22       | -13.0       | 26.56       | 216.00    | Horizontal | Horizontal | Pass    |
| 3317.000        | -48.81       | 4.11        | -13.0       | 35.81       | 339.00    | Horizontal | Horizontal | Pass    |
| 7464.500        | -39.54       | 14.31       | -13.0       | 26.54       | 179.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B18 Channel:Mid range BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

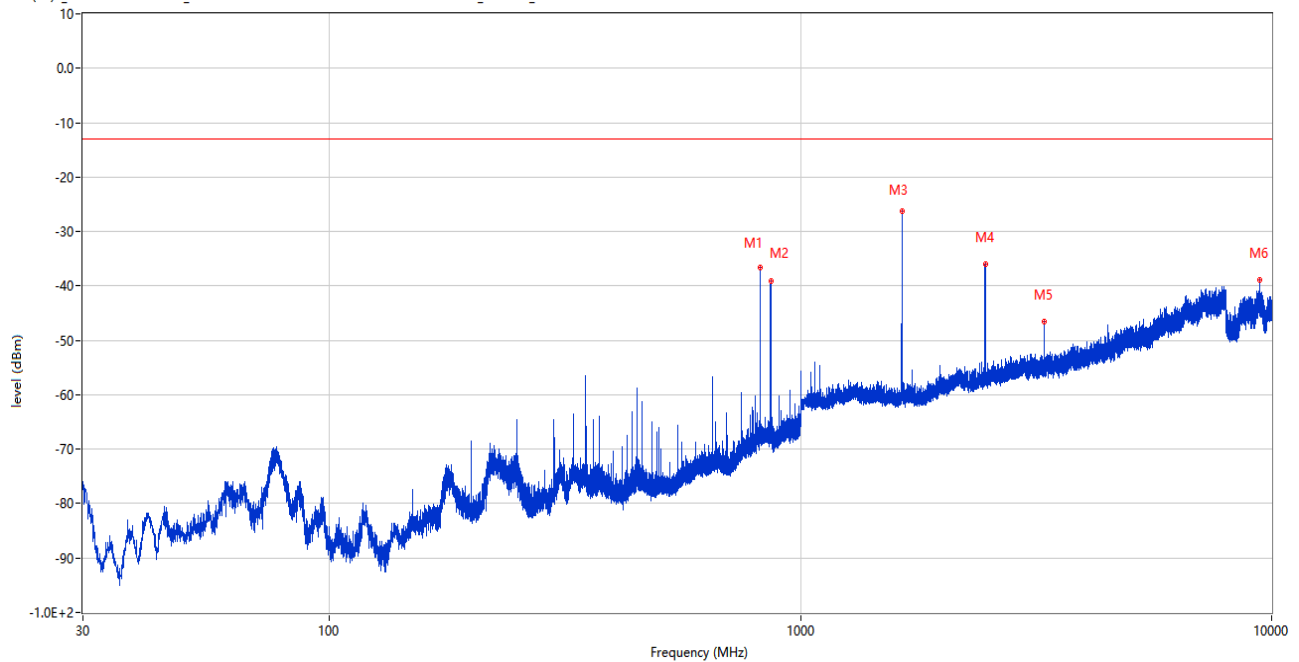


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 829.135         | -44.05       | 5.39        | -13.0       | 31.05       | 264.00    | Vertical | Horizontal | N/A     |
| 870.650         | -40.05       | 4.19        | -13.0       | 27.05       | 28.00     | Vertical | Horizontal | N/A     |
| 1659.100        | -32.31       | -5.69       | -13.0       | 19.31       | 151.00    | Vertical | Horizontal | Pass    |
| 2488.200        | -37.48       | -1.22       | -13.0       | 24.48       | 202.00    | Vertical | Horizontal | Pass    |
| 3317.000        | -42.10       | 4.11        | -13.0       | 29.10       | 265.00    | Vertical | Horizontal | Pass    |
| 9451.800        | -40.27       | 13.74       | -13.0       | 27.27       | 316.00    | Vertical | Horizontal | Pass    |

#### 4.8 LTE Band 18 (Part 90)

Band:LTE B18 Channel:Mid range BW:5M

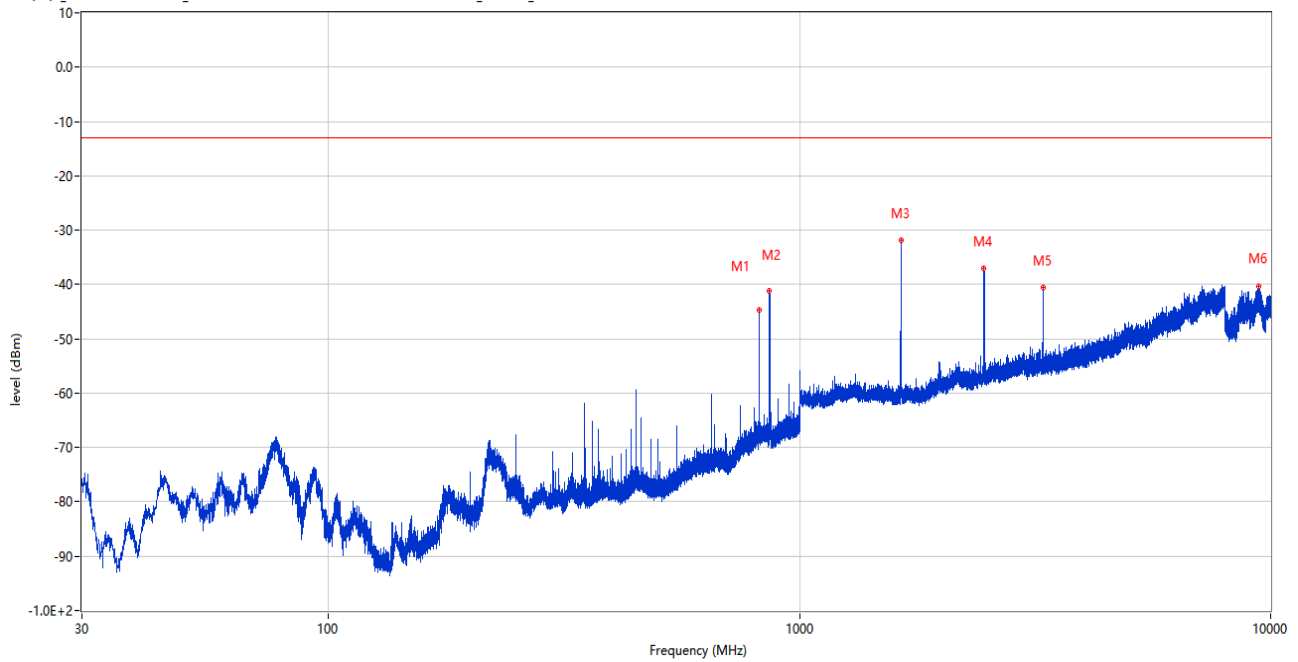
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 821.617         | -36.53       | 5.08        | -13.0       | 23.53       | 209.00    | Horizontal | Horizontal | N/A     |
| 864.588         | -39.02       | 4.15        | -13.0       | 26.02       | 333.00    | Horizontal | Horizontal | N/A     |
| 1644.100        | -26.33       | -6.03       | -13.0       | 13.33       | 174.00    | Horizontal | Horizontal | Pass    |
| 2465.700        | -36.01       | -1.62       | -13.0       | 23.01       | 296.00    | Horizontal | Horizontal | Pass    |
| 3287.250        | -46.59       | 4.06        | -13.0       | 33.59       | 251.00    | Horizontal | Horizontal | Pass    |
| 9441.700        | -38.99       | 13.71       | -13.0       | 25.99       | 62.00     | Horizontal | Horizontal | Pass    |

## Band:LTE B18 Channel:Mid range BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

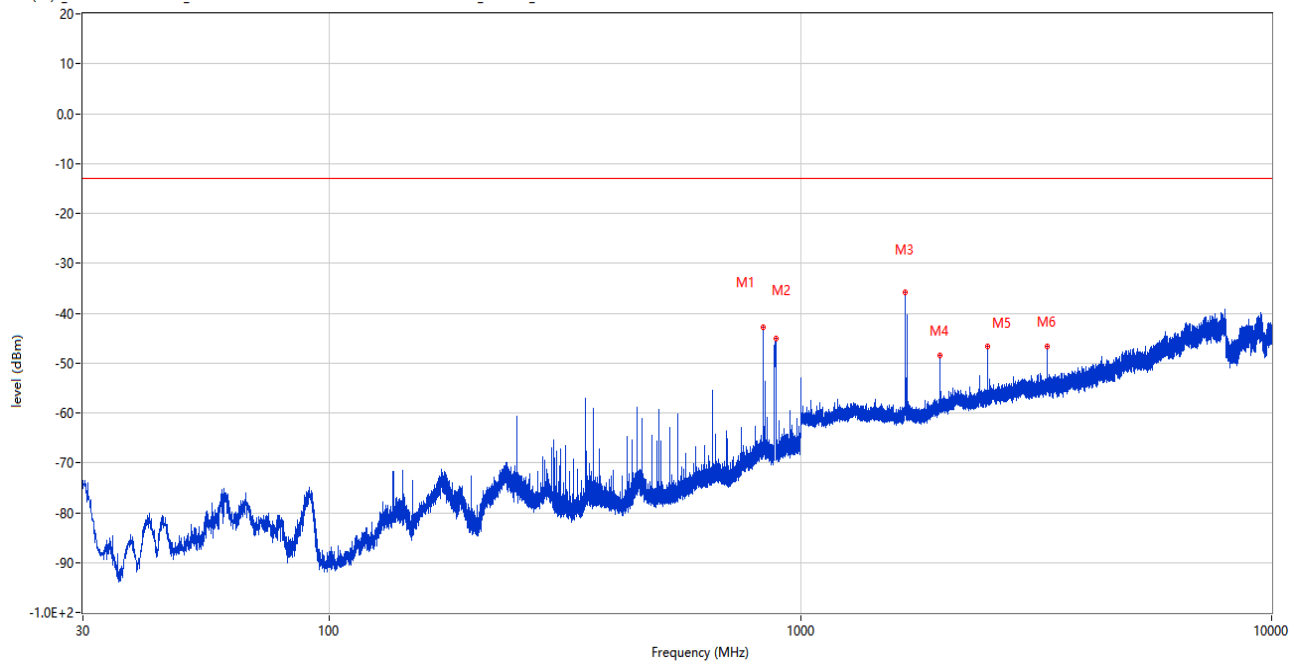


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 821.666         | -44.62       | 5.08        | -13.0       | 31.62       | 256.00    | Vertical | Horizontal | N/A     |
| 862.454         | -41.21       | 4.31        | -13.0       | 28.21       | 325.00    | Vertical | Horizontal | N/A     |
| 1644.200        | -31.81       | -6.03       | -13.0       | 18.81       | 105.00    | Vertical | Horizontal | Pass    |
| 2465.500        | -37.05       | -1.64       | -13.0       | 24.05       | 203.00    | Vertical | Horizontal | Pass    |
| 3287.250        | -40.56       | 4.06        | -13.0       | 27.56       | 259.00    | Vertical | Horizontal | Pass    |
| 9442.300        | -40.25       | 13.72       | -13.0       | 27.25       | 271.00    | Vertical | Horizontal | Pass    |

#### 4.9 LTE Band 19

Band:LTE B19 Channel:Mid range BW:10M

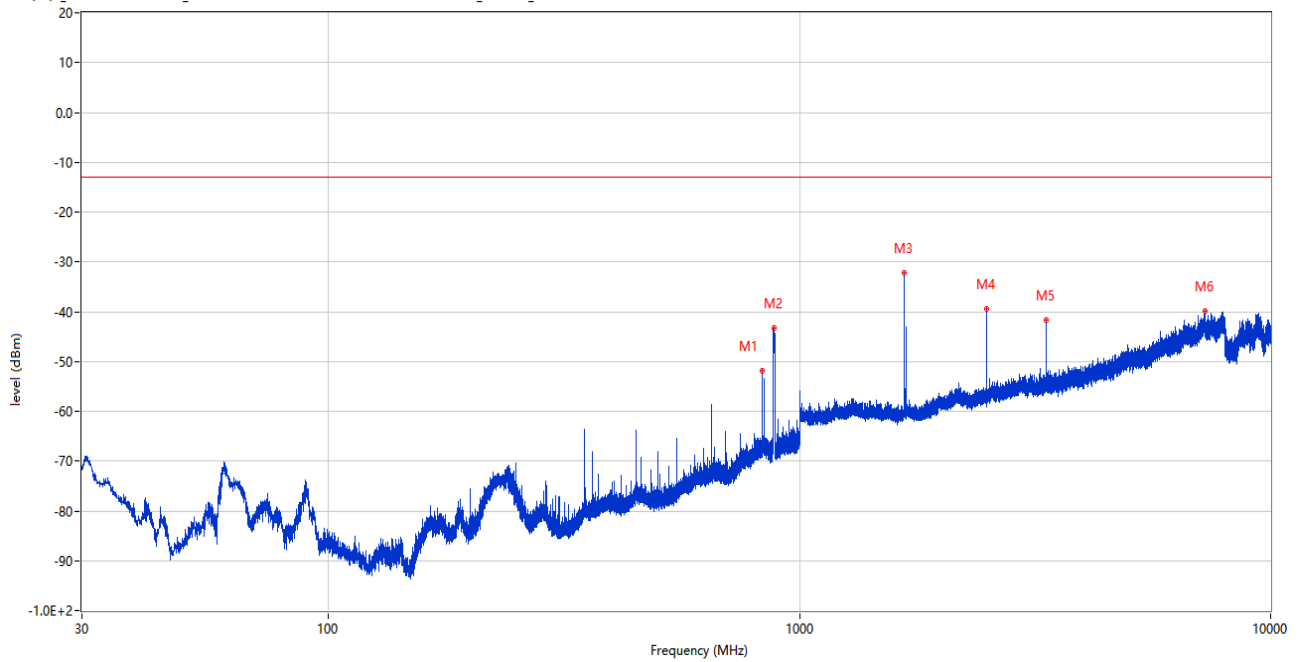
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 833.111         | -42.75       | 5.56        | -13.0       | 29.75       | 162.00    | Horizontal | Horizontal | N/A     |
| 886.898         | -45.05       | 4.35        | -13.0       | 32.05       | 193.00    | Horizontal | Horizontal | N/A     |
| 1667.000        | -35.91       | -5.50       | -13.0       | 22.91       | 320.00    | Horizontal | Horizontal | Pass    |
| 1981.500        | -48.50       | -4.17       | -13.0       | 35.50       | 50.00     | Horizontal | Horizontal | Pass    |
| 2500.400        | -46.57       | -1.27       | -13.0       | 33.57       | 63.00     | Horizontal | Horizontal | Pass    |
| 3333.000        | -46.68       | 4.61        | -13.0       | 33.68       | 209.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B19 Channel:Mid range BW:10M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

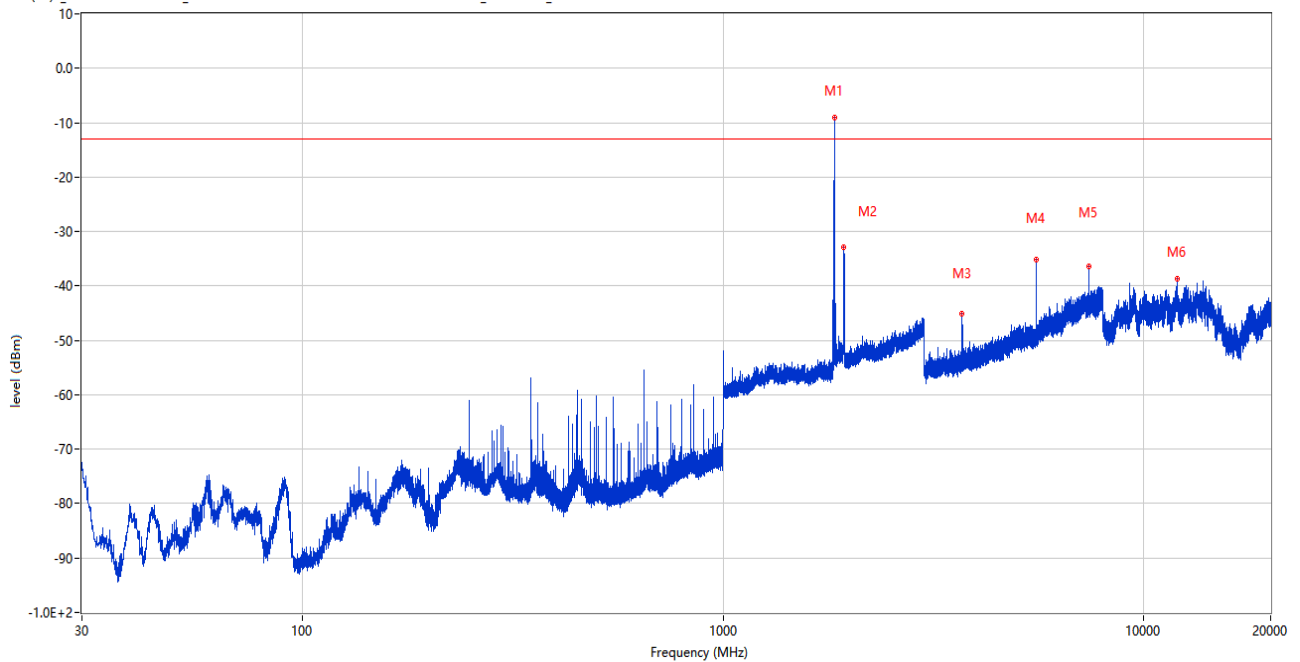


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 833.160         | -51.86       | 5.56        | -13.0       | 38.86       | 104.00    | Vertical | Horizontal | N/A     |
| 884.570         | -43.27       | 4.18        | -13.0       | 30.27       | 136.00    | Vertical | Horizontal | N/A     |
| 1667.000        | -32.16       | -5.50       | -13.0       | 19.16       | 131.00    | Vertical | Horizontal | Pass    |
| 2500.100        | -39.52       | -1.27       | -13.0       | 26.52       | 24.00     | Vertical | Horizontal | Pass    |
| 3332.750        | -41.63       | 4.63        | -13.0       | 28.63       | 109.00    | Vertical | Horizontal | Pass    |
| 7267.000        | -39.96       | 14.26       | -13.0       | 26.96       | 254.00    | Vertical | Horizontal | Pass    |

#### 4.10LTE Band 25

Band:LTE B25 Channel:Low range BW:15M

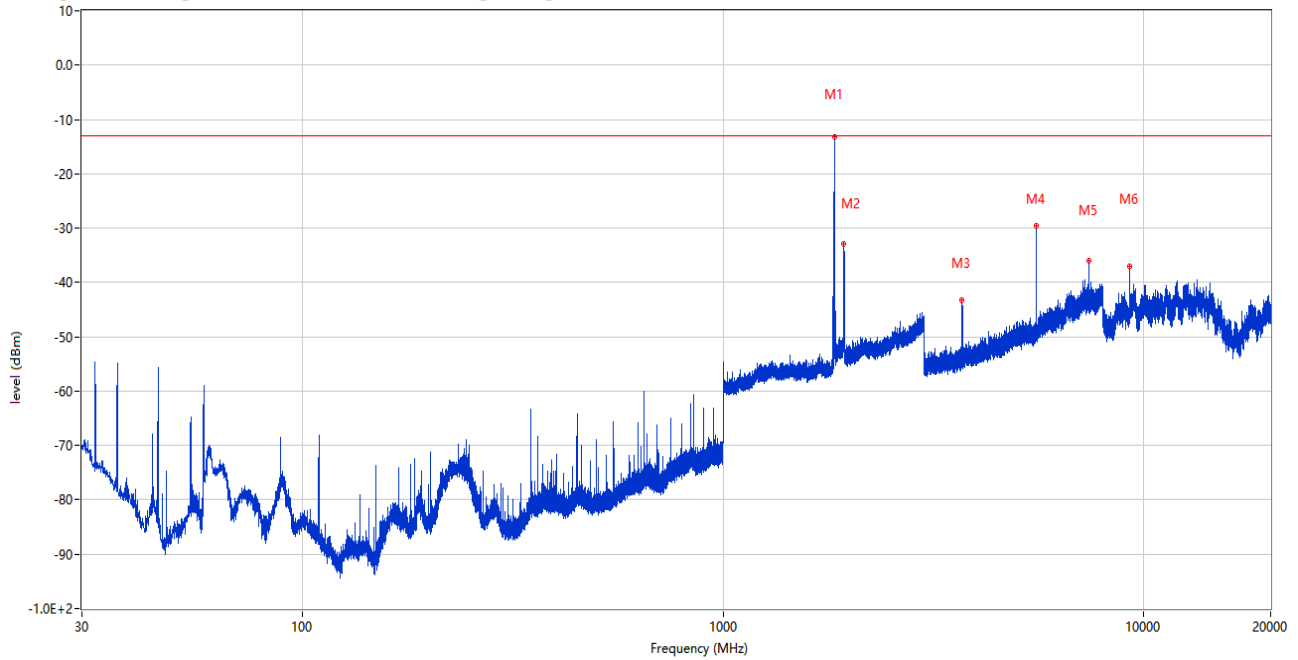
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1838.400        | -9.09        | 1.01        | -13.0       | -3.91       | 326.00    | Horizontal | Horizontal | N/A     |
| 1932.000        | -32.91       | 2.06        | -13.0       | 19.91       | 244.00    | Horizontal | Horizontal | N/A     |
| 3702.250        | -45.18       | 5.16        | -13.0       | 32.18       | 205.00    | Horizontal | Horizontal | Pass    |
| 5553.000        | -35.25       | 9.61        | -13.0       | 22.25       | 261.00    | Horizontal | Horizontal | Pass    |
| 7404.000        | -36.46       | 14.01       | -13.0       | 23.46       | 205.00    | Horizontal | Horizontal | Pass    |
| 11977.413       | -38.66       | 14.02       | -13.0       | 25.66       | 155.00    | Horizontal | Horizontal | Pass    |

# Band:LTE B25 Channel:Low range BW:15M

RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz

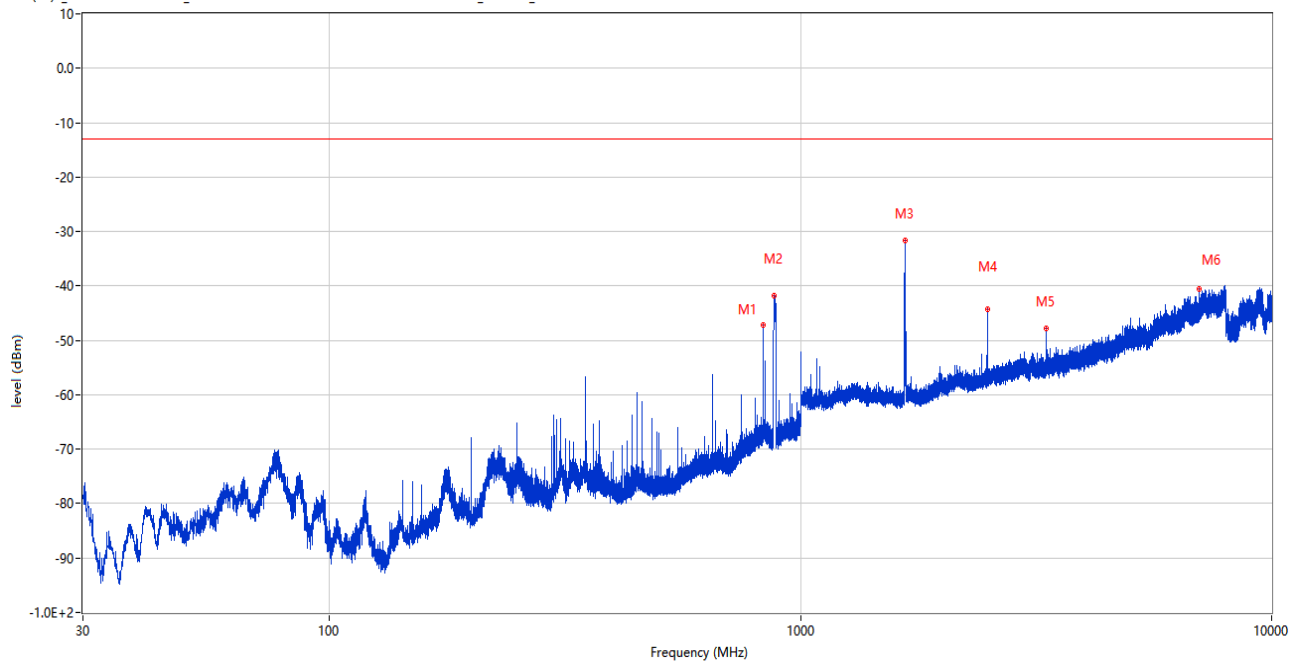


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1838.200        | -13.19       | 0.97        | -13.0       | 0.19        | 251.00    | Vertical | Horizontal | N/A     |
| 1933.100        | -32.98       | 2.00        | -13.0       | 19.98       | 70.00     | Vertical | Horizontal | N/A     |
| 3702.250        | -43.32       | 5.16        | -13.0       | 30.32       | 130.00    | Vertical | Horizontal | Pass    |
| 5553.000        | -29.61       | 9.61        | -13.0       | 16.61       | 291.00    | Vertical | Horizontal | Pass    |
| 7404.000        | -35.98       | 14.01       | -13.0       | 22.98       | 106.00    | Vertical | Horizontal | Pass    |
| 9255.187        | -36.95       | 13.18       | -13.0       | 23.95       | 184.00    | Vertical | Horizontal | Pass    |

#### 4.11LTE Band 26 (Part 22)

Band:LTE B26 Channel:Mid range BW:10M

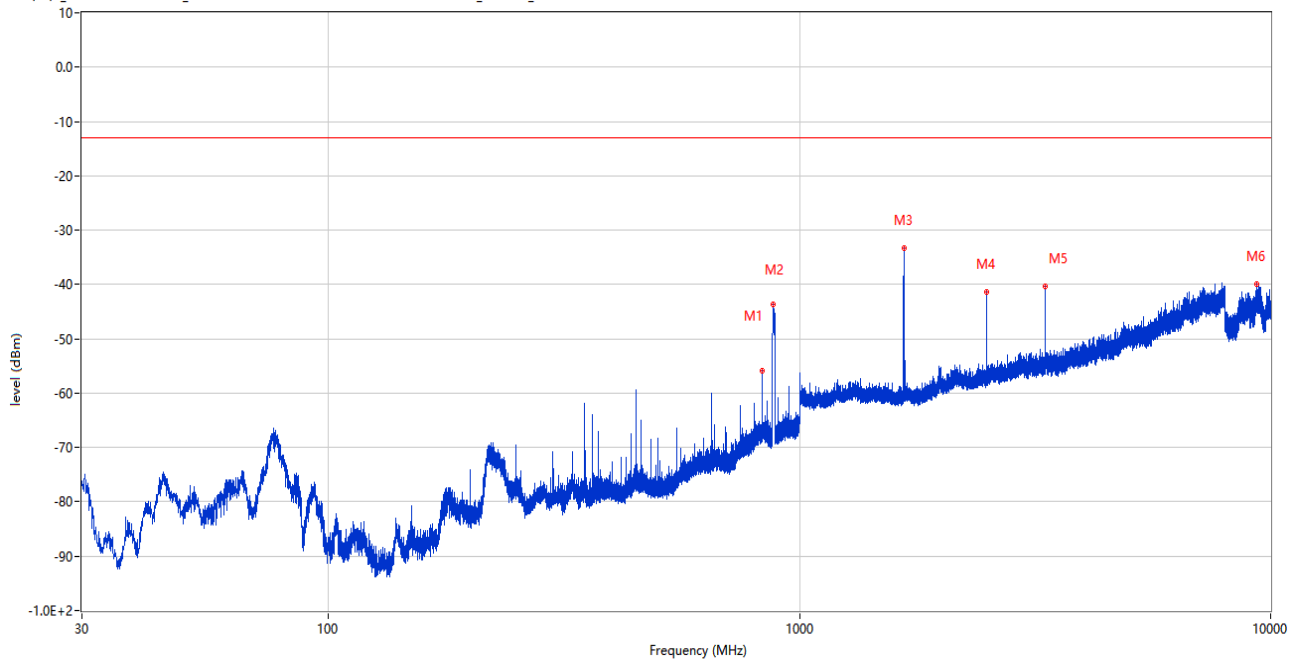
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 832.142         | -47.22       | 5.52        | -13.0       | 34.22       | 220.00    | Horizontal | Horizontal | N/A     |
| 878.653         | -41.73       | 3.95        | -13.0       | 28.73       | 337.00    | Horizontal | Horizontal | N/A     |
| 1665.000        | -31.64       | -5.58       | -13.0       | 18.64       | 175.00    | Horizontal | Horizontal | Pass    |
| 2497.300        | -44.27       | -1.16       | -13.0       | 31.27       | 231.00    | Horizontal | Horizontal | Pass    |
| 3329.000        | -47.77       | 4.67        | -13.0       | 34.77       | 90.00     | Horizontal | Horizontal | Pass    |
| 7030.000        | -40.54       | 13.17       | -13.0       | 27.54       | 106.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B26 Channel:Mid range BW:10M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

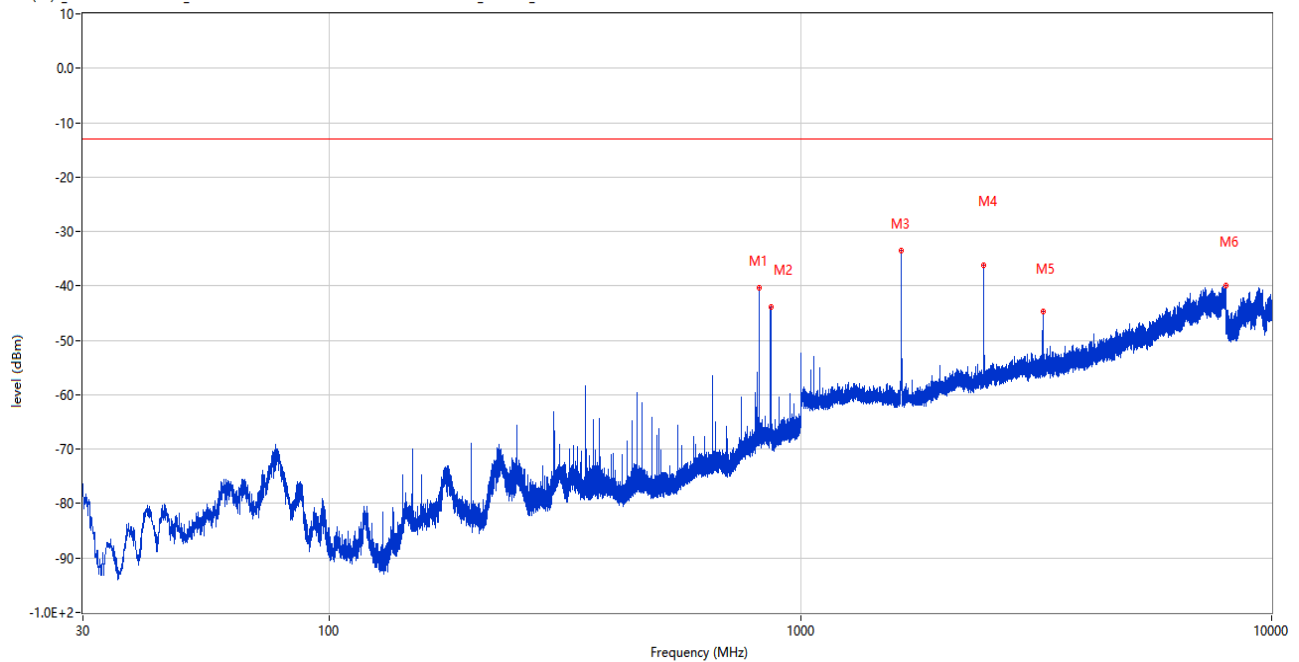


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 832.093         | -55.93       | 5.52        | -13.0       | 42.93       | 254.00    | Vertical | Horizontal | N/A     |
| 877.247         | -43.71       | 3.81        | -13.0       | 30.71       | 350.00    | Vertical | Horizontal | N/A     |
| 1665.000        | -33.20       | -5.58       | -13.0       | 20.20       | 99.00     | Vertical | Horizontal | Pass    |
| 2497.300        | -41.28       | -1.16       | -13.0       | 28.28       | 202.00    | Vertical | Horizontal | Pass    |
| 3329.000        | -40.26       | 4.67        | -13.0       | 27.26       | 268.00    | Vertical | Horizontal | Pass    |
| 9364.500        | -39.82       | 13.75       | -13.0       | 26.82       | 360.00    | Vertical | Horizontal | Pass    |

#### 4.12LTE Band 26 (Part 90)

Band:LTE B26 Channel:Mid range BW:5M

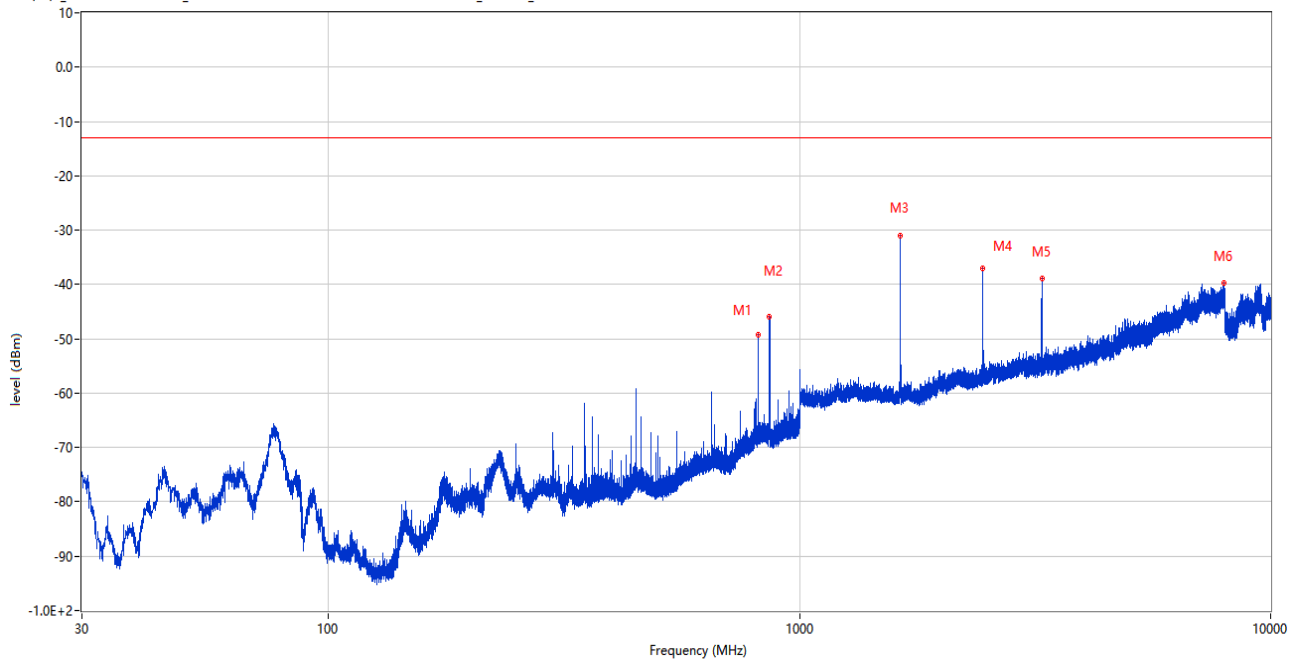
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 816.815         | -40.33       | 5.00        | -13.0       | 27.33       | 209.00    | Horizontal | Horizontal | N/A     |
| 865.849         | -43.89       | 4.14        | -13.0       | 30.89       | 331.00    | Horizontal | Horizontal | N/A     |
| 1634.500        | -33.48       | -5.94       | -13.0       | 20.48       | 236.00    | Horizontal | Horizontal | Pass    |
| 2451.400        | -36.13       | -1.33       | -13.0       | 23.13       | 165.00    | Horizontal | Horizontal | Pass    |
| 3268.000        | -44.74       | 3.78        | -13.0       | 31.74       | 155.00    | Horizontal | Horizontal | Pass    |
| 7986.000        | -39.84       | 14.46       | -13.0       | 26.84       | 332.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B26 Channel:Mid range BW:5M

RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz

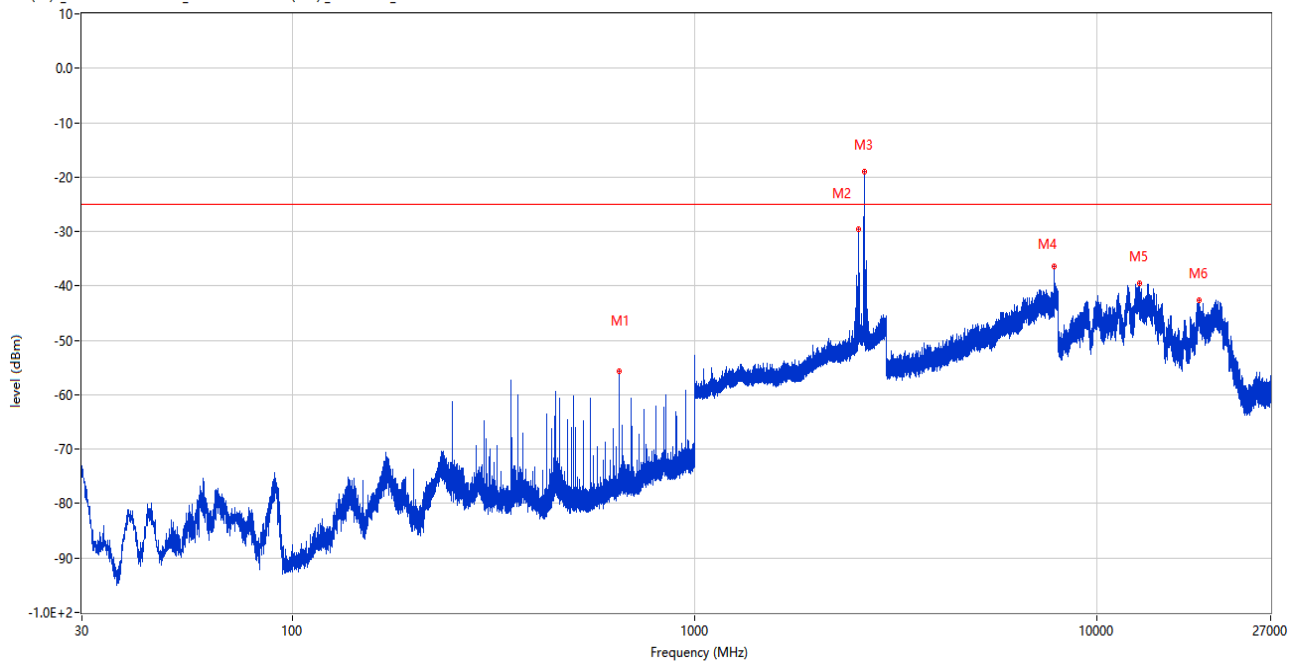


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 816.815         | -49.32       | 5.00        | -13.0       | 36.32       | 259.00    | Vertical | Horizontal | N/A     |
| 862.939         | -45.91       | 4.23        | -13.0       | 32.91       | 155.00    | Vertical | Horizontal | N/A     |
| 1634.400        | -30.92       | -5.94       | -13.0       | 17.92       | 105.00    | Vertical | Horizontal | Pass    |
| 2451.500        | -37.09       | -1.32       | -13.0       | 24.09       | 199.00    | Vertical | Horizontal | Pass    |
| 3268.000        | -38.92       | 3.78        | -13.0       | 25.92       | 169.00    | Vertical | Horizontal | Pass    |
| 7962.750        | -39.65       | 14.69       | -13.0       | 26.65       | 1.00      | Vertical | Horizontal | Pass    |

#### 4.13LTE Band 38

Band:LTE B38 Channel:High range BW:20M

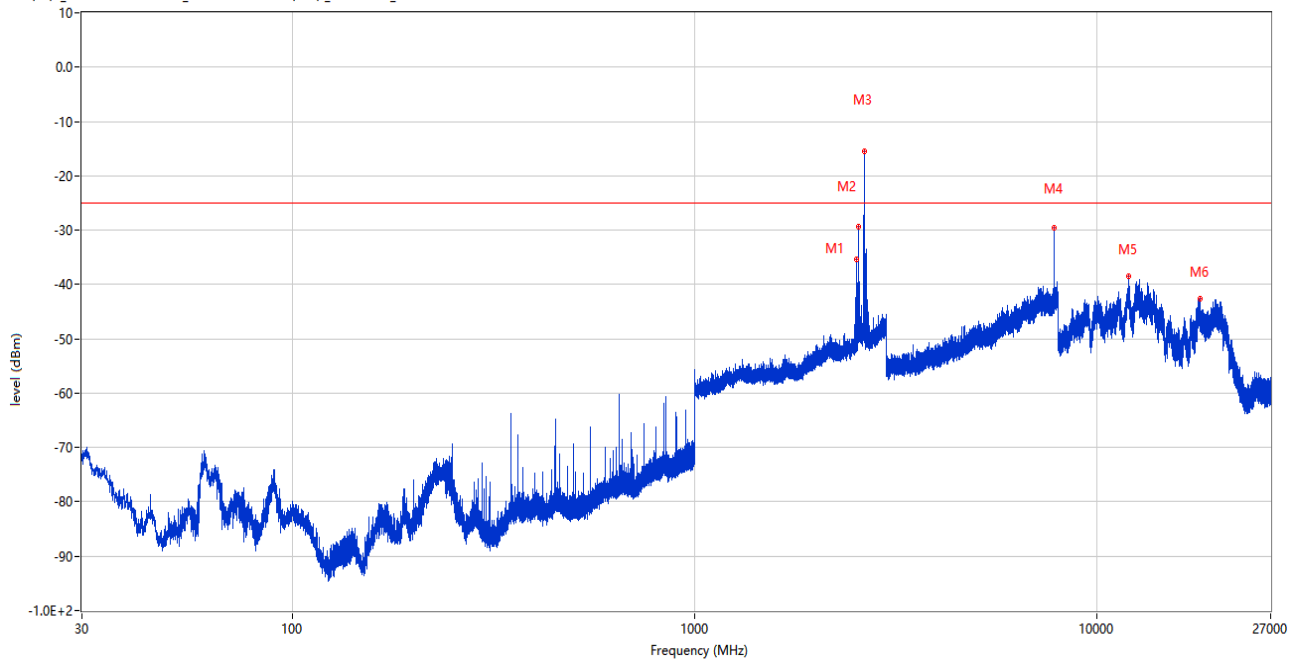
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 650.024         | -55.65       | -4.60       | -25.0       | 30.65       | 53.00     | Horizontal | Horizontal | Pass    |
| 2557.400        | -29.64       | 6.95        | -25.0       | 4.64        | 360.00    | Horizontal | Horizontal | Pass    |
| 2637.500        | -19.03       | 6.71        | -25.0       | -5.97       | 158.00    | Horizontal | Horizontal | N/A     |
| 7804.250        | -36.34       | 14.28       | -25.0       | 11.34       | 235.00    | Horizontal | Horizontal | Pass    |
| 12730.526       | -39.60       | 14.74       | -25.0       | 14.60       | 81.00     | Horizontal | Horizontal | Pass    |
| 17942.512       | -42.60       | 13.91       | -25.0       | 17.60       | 41.00     | Horizontal | Horizontal | Pass    |

## Band:LTE B38 Channel:High range BW:20M

RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz

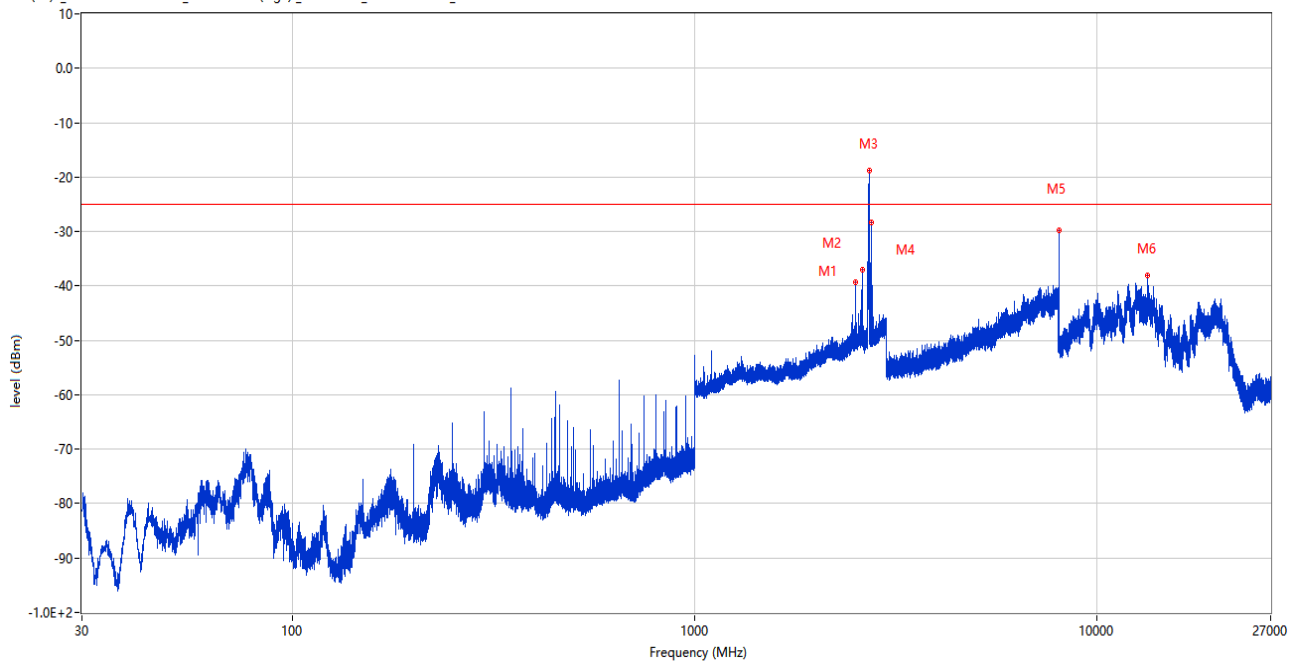


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2530.600        | -35.45       | 5.28        | -25.0       | 10.45       | 93.00     | Vertical | Horizontal | Pass    |
| 2557.500        | -29.36       | 6.99        | -25.0       | 4.36        | 93.00     | Vertical | Horizontal | Pass    |
| 2637.600        | -15.41       | 6.71        | -25.0       | -9.59       | 84.00     | Vertical | Horizontal | N/A     |
| 7804.000        | -29.59       | 14.27       | -25.0       | 4.59        | 180.00    | Vertical | Horizontal | Pass    |
| 11989.287       | -38.45       | 13.86       | -25.0       | 13.45       | 307.00    | Vertical | Horizontal | Pass    |
| 17989.501       | -42.62       | 13.11       | -25.0       | 17.62       | 241.00    | Vertical | Horizontal | Pass    |

#### 4.14LTE Band 41

Band:LTE B41 Channel:High range BW:15M

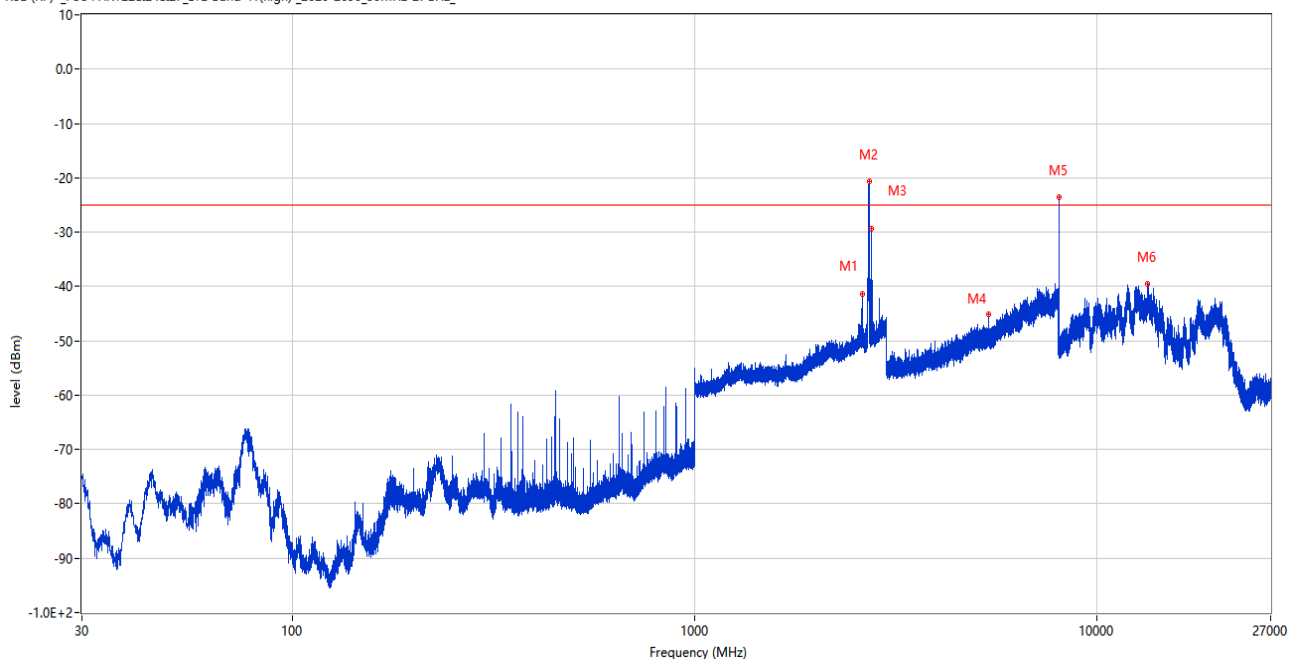
RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 2508.000        | -39.40       | 5.04        | -25.0       | 14.40       | 189.00    | Horizontal | Horizontal | Pass    |
| 2610.200        | -37.11       | 6.38        | -25.0       | 12.11       | 179.00    | Horizontal | Horizontal | Pass    |
| 2681.500        | -18.82       | 6.45        | -25.0       | -6.18       | 194.00    | Horizontal | Horizontal | N/A     |
| 2743.200        | -28.38       | 6.03        | -25.0       | 3.38        | 189.00    | Horizontal | Horizontal | Pass    |
| 8068.163        | -29.80       | 6.55        | -25.0       | 4.80        | 145.00    | Horizontal | Horizontal | Pass    |
| 13358.737       | -38.14       | 16.62       | -25.0       | 13.14       | 176.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B41 Channel:High range BW:15M

RSE (RF) \_FCC PART22&24&27\_LTE Band 41(high) \_2620-2690\_30MHz-27GHz\_



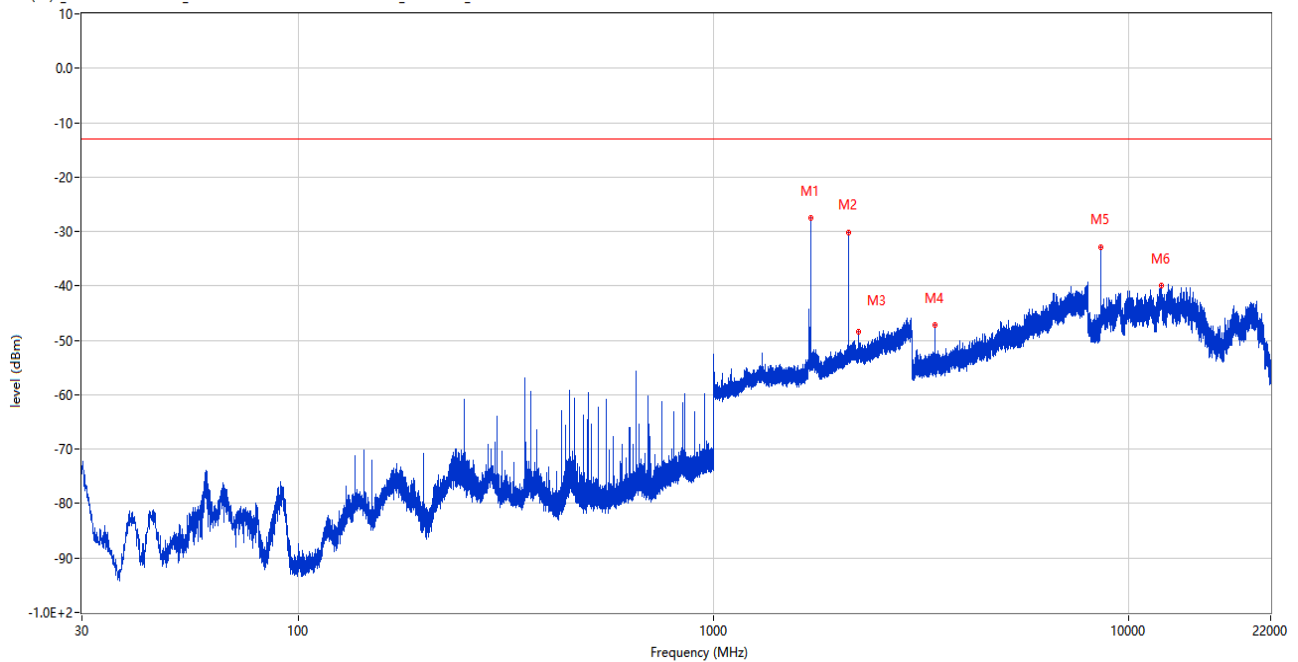
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2610.100        | -41.31       | 6.36        | -25.0       | 16.31       | 253.00    | Vertical | Horizontal | Pass    |
| 2681.400        | -20.62       | 6.43        | -25.0       | -4.38       | 267.00    | Vertical | Horizontal | N/A     |
| 2743.200        | -29.44       | 6.03        | -25.0       | 4.44        | 276.00    | Vertical | Horizontal | Pass    |
| 5378.750        | -45.16       | 8.96        | -25.0       | 20.16       | 235.00    | Vertical | Horizontal | Pass    |
| 8068.163        | -23.63       | 6.55        | -25.0       | -1.37       | 142.00    | Vertical | Horizontal | N/A     |
| 8068.163        | -32.682      | 6.55        | -25.0       | 2.682       | 142.00    | Vertical | Horizontal | Pass    |
| 13367.137       | -39.52       | 16.70       | -25.0       | 14.52       | 105.00    | Vertical | Horizontal | Pass    |

Note: The initial sweep time from 8GHz to 12.75GHz was previously set to 200ms, which was insufficient for RMS detection. When there are frequency points out of standard or insufficient margin, the final scan time needs to be increased to determine its compliance.

#### 4.15LTE Band 66

Band:LTE B66 Channel:Low range BW:1.4M

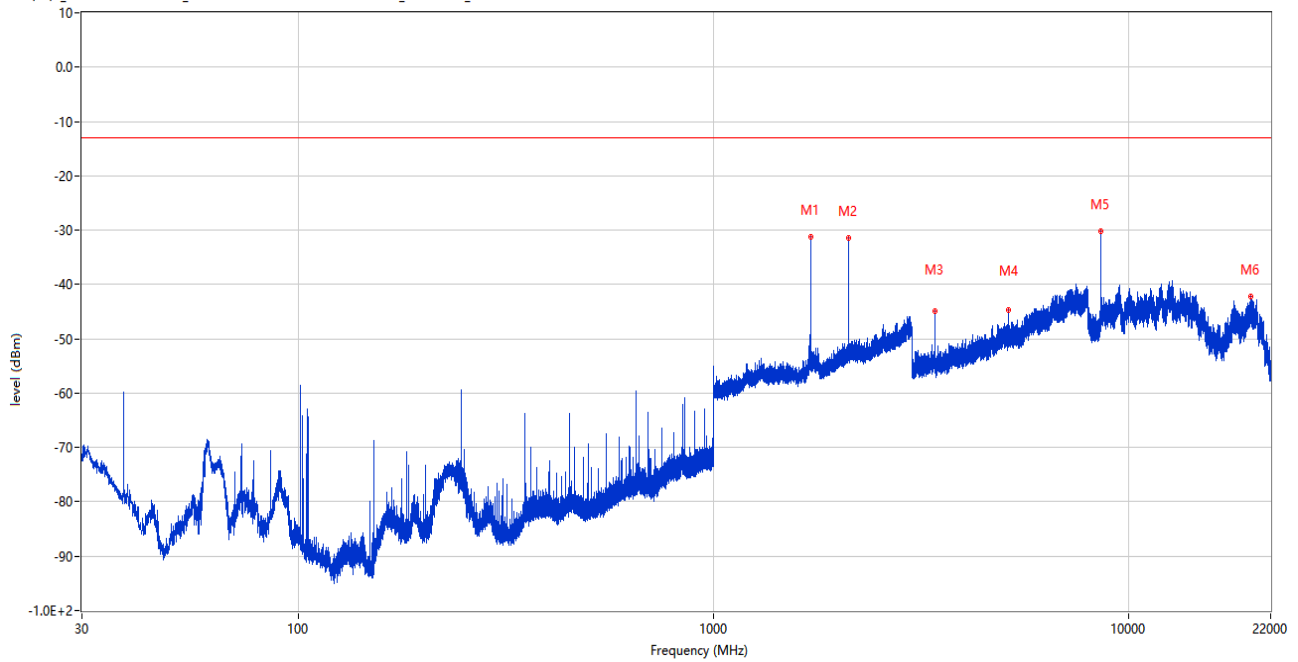
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1711.200        | -27.57       | 1.31        | -13.0       | 14.57       | 310.00    | Horizontal | Horizontal | N/A     |
| 2111.800        | -30.11       | 2.43        | -13.0       | 17.11       | 216.00    | Horizontal | Horizontal | N/A     |
| 2238.800        | -48.48       | 3.23        | -13.0       | 35.48       | 177.00    | Horizontal | Horizontal | Pass    |
| 3421.750        | -47.17       | 4.01        | -13.0       | 34.17       | 175.00    | Horizontal | Horizontal | Pass    |
| 8552.662        | -32.93       | 11.04       | -13.0       | 19.93       | 196.00    | Horizontal | Horizontal | Pass    |
| 11976.225       | -39.91       | 14.02       | -13.0       | 26.91       | 65.00     | Horizontal | Horizontal | Pass    |

## Band:LTE B66 Channel:Low range BW:1.4M

RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1711.200        | -31.29       | 1.31        | -13.0       | 18.29       | 99.00     | Vertical | Horizontal | N/A     |
| 2111.500        | -31.43       | 2.40        | -13.0       | 18.43       | 224.00    | Vertical | Horizontal | N/A     |
| 3421.500        | -44.99       | 4.02        | -13.0       | 31.99       | 360.00    | Vertical | Horizontal | Pass    |
| 5131.500        | -44.73       | 8.79        | -13.0       | 31.73       | 78.00     | Vertical | Horizontal | Pass    |
| 8552.425        | -30.12       | 11.03       | -13.0       | 17.12       | 183.00    | Vertical | Horizontal | Pass    |
| 19695.825       | -42.29       | 12.65       | -13.0       | 29.29       | 244.00    | Vertical | Horizontal | Pass    |

