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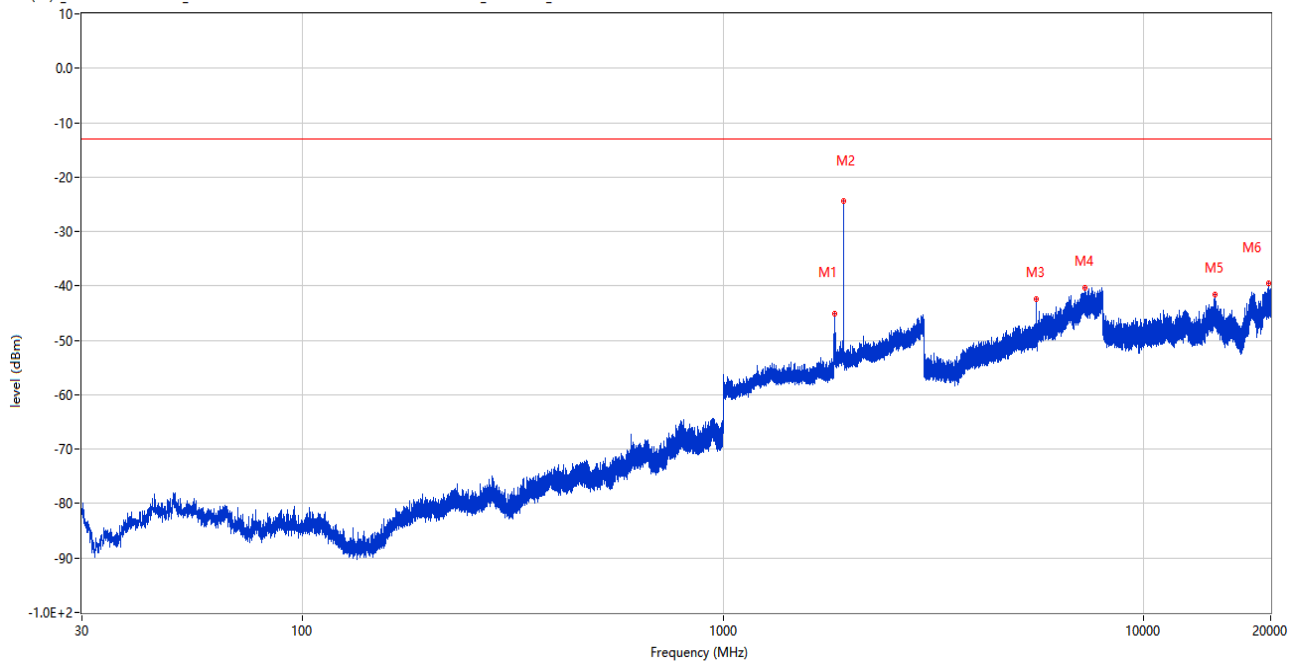
## **A.7 Field Strength of Spurious Radiation**

## 1. WCDMA

### 1.1 WCDMA Bnad 2

Band:WCDMA B2,Channel:LOW range

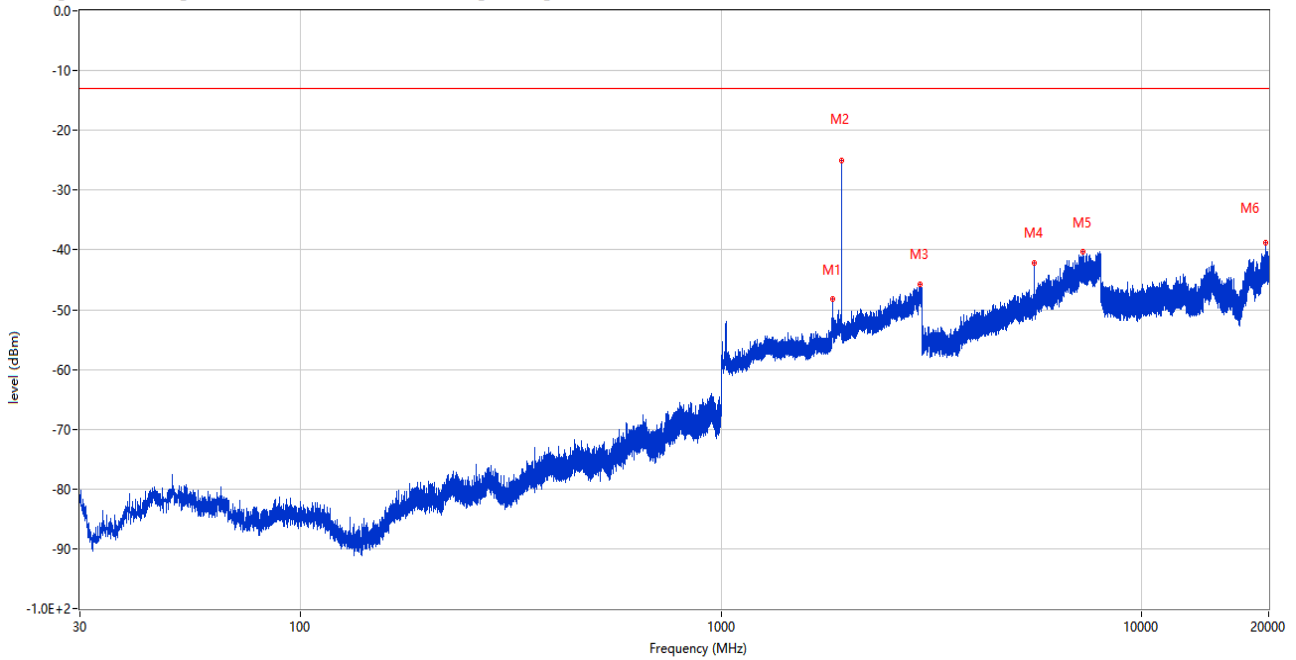
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1839.900        | -45.02       | 1.48        | -13.0       | 32.02       | 181.00    | Horizontal | Horizontal | N/A     |
| 1934.300        | -24.41       | 1.44        | -13.0       | 11.41       | 248.00    | Horizontal | Horizontal | N/A     |
| 5555.000        | -42.45       | 9.38        | -13.0       | 29.45       | 305.00    | Horizontal | Horizontal | Pass    |
| 7240.250        | -40.36       | 14.60       | -13.0       | 27.36       | 339.00    | Horizontal | Horizontal | Pass    |
| 14754.987       | -41.52       | 16.49       | -13.0       | 28.52       | 264.00    | Horizontal | Horizontal | Pass    |
| 19773.073       | -39.55       | 15.67       | -13.0       | 26.55       | 166.00    | Horizontal | Horizontal | Pass    |

## Band:WCDMA B2,Channel:LOW range

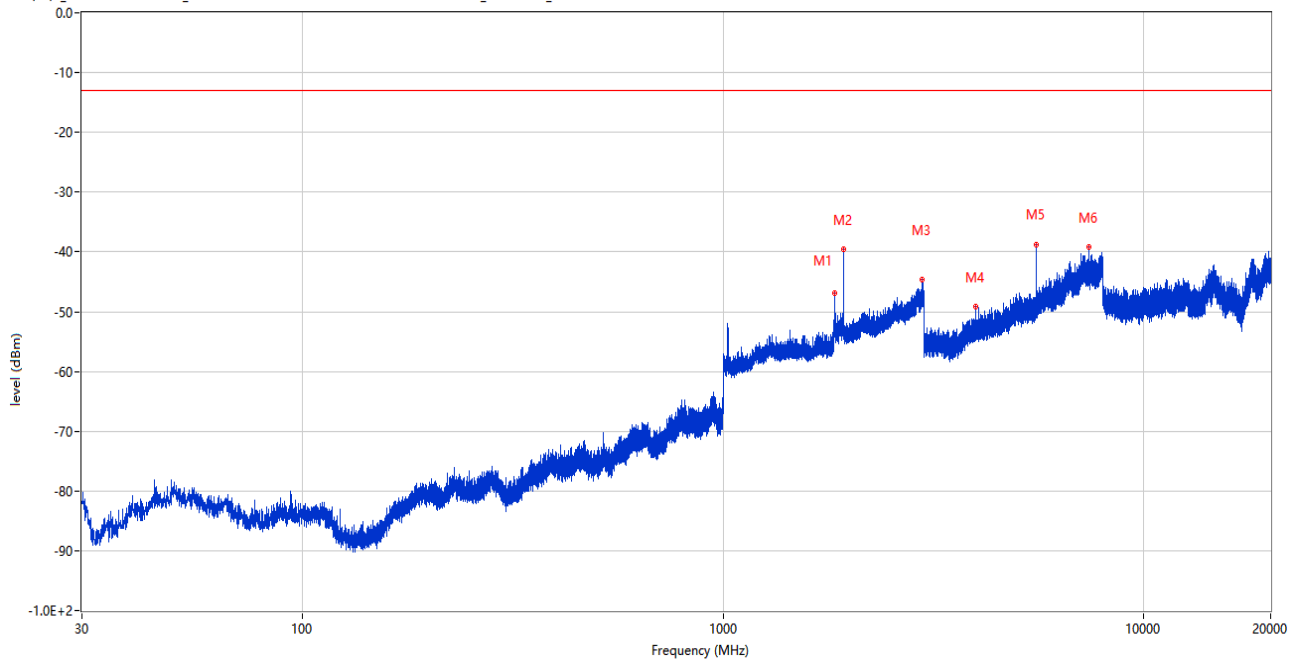
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1841.300        | -48.26       | 1.49        | -13.0       | 35.26       | 135.00    | Horizontal | Vertical | N/A     |
| 1934.200        | -24.97       | 1.43        | -13.0       | 11.97       | 235.00    | Horizontal | Vertical | N/A     |
| 2969.600        | -45.77       | 9.45        | -13.0       | 32.77       | 153.00    | Horizontal | Vertical | Pass    |
| 5555.750        | -42.13       | 9.34        | -13.0       | 29.13       | 174.00    | Horizontal | Vertical | Pass    |
| 7239.250        | -40.34       | 14.80       | -13.0       | 27.34       | 353.00    | Horizontal | Vertical | Pass    |
| 19626.625       | -38.76       | 15.65       | -13.0       | 25.76       | 245.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B2,Channel:LOW range

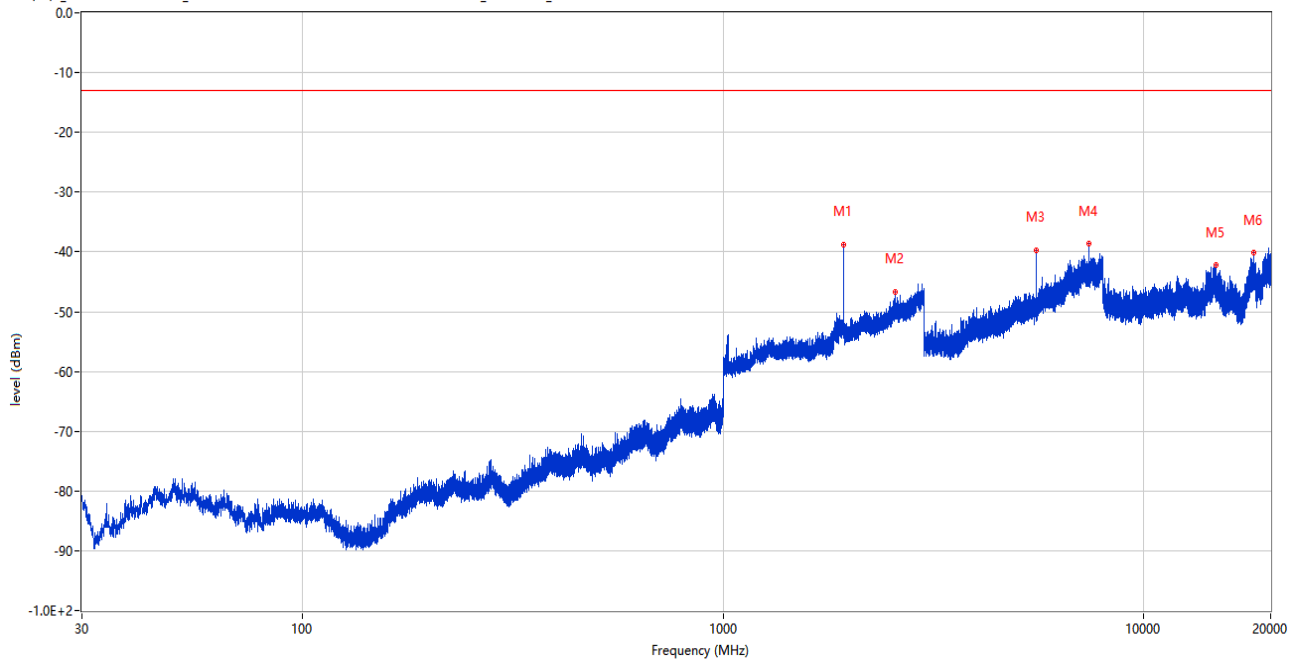
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1840.200        | -46.80       | 1.48        | -13.0       | 33.80       | 227.00    | Vertical | Vertical | N/A     |
| 1932.600        | -39.63       | 1.40        | -13.0       | 26.63       | 321.00    | Vertical | Vertical | N/A     |
| 2965.800        | -44.56       | 9.84        | -13.0       | 31.56       | 296.00    | Vertical | Vertical | Pass    |
| 3988.750        | -49.19       | 7.42        | -13.0       | 36.19       | 76.00     | Vertical | Vertical | Pass    |
| 5555.750        | -38.75       | 9.34        | -13.0       | 25.75       | 292.00    | Vertical | Vertical | Pass    |
| 7413.500        | -39.24       | 14.19       | -13.0       | 26.24       | 178.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B2,Channel:LOW range

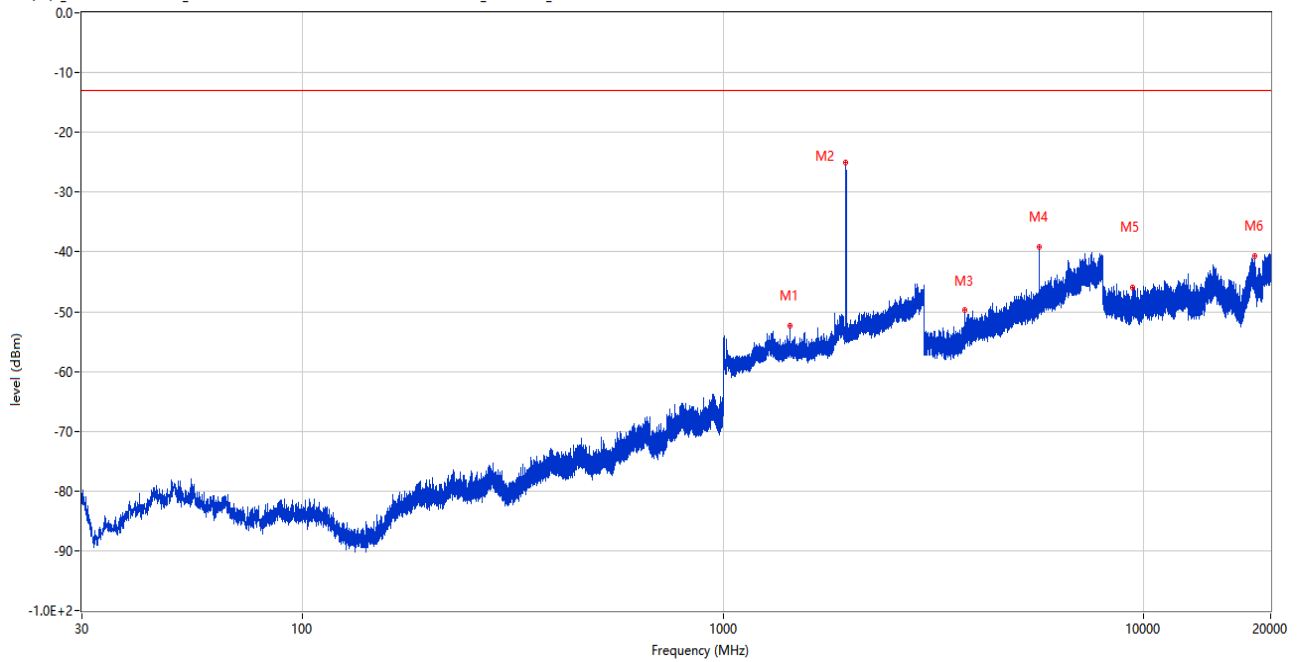
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1934.600        | -38.81       | 1.45        | -13.0       | 25.81       | 346.00    | Vertical | Horizontal | N/A     |
| 2563.700        | -46.78       | 6.62        | -13.0       | 33.78       | 44.00     | Vertical | Horizontal | Pass    |
| 5554.250        | -39.65       | 9.36        | -13.0       | 26.65       | 123.00    | Vertical | Horizontal | Pass    |
| 7405.500        | -38.54       | 14.33       | -13.0       | 25.54       | 0.00      | Vertical | Horizontal | Pass    |
| 14819.151       | -42.09       | 17.07       | -13.0       | 29.09       | 73.00     | Vertical | Horizontal | Pass    |
| 18219.401       | -40.14       | 15.54       | -13.0       | 27.14       | 245.00    | Vertical | Horizontal | Pass    |

## Band:WCDMA B2,Channel:MID range

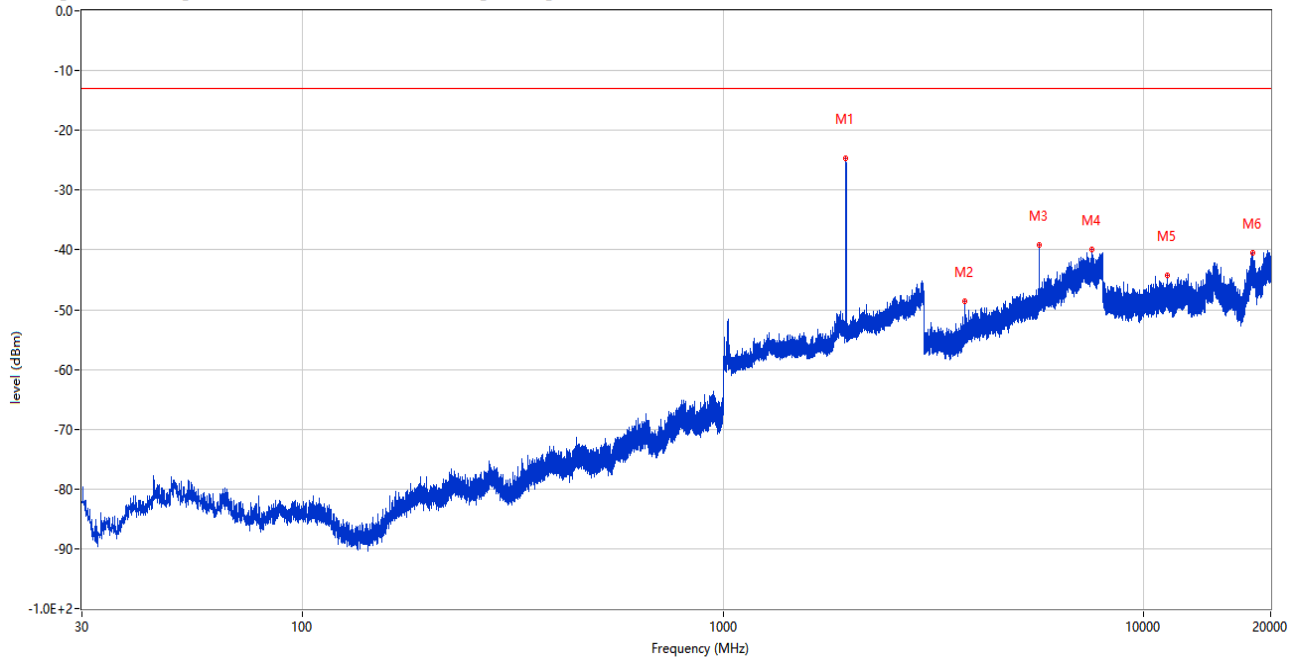
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1440.900        | -52.34       | -1.27       | -13.0       | 39.34       | 342.00    | Horizontal | Horizontal | Pass    |
| 1959.900        | -25.09       | 1.28        | -13.0       | 12.09       | 249.00    | Horizontal | Horizontal | N/A     |
| 3763.250        | -49.79       | 5.52        | -13.0       | 36.79       | 44.00     | Horizontal | Horizontal | Pass    |
| 5644.000        | -39.08       | 9.82        | -13.0       | 26.08       | 342.00    | Horizontal | Horizontal | Pass    |
| 9409.563        | -46.04       | 9.21        | -13.0       | 33.04       | 288.00    | Horizontal | Horizontal | Pass    |
| 18301.688       | -40.62       | 15.54       | -13.0       | 27.62       | -3.00     | Horizontal | Horizontal | Pass    |

## Band:WCDMA B2,Channel:MID range

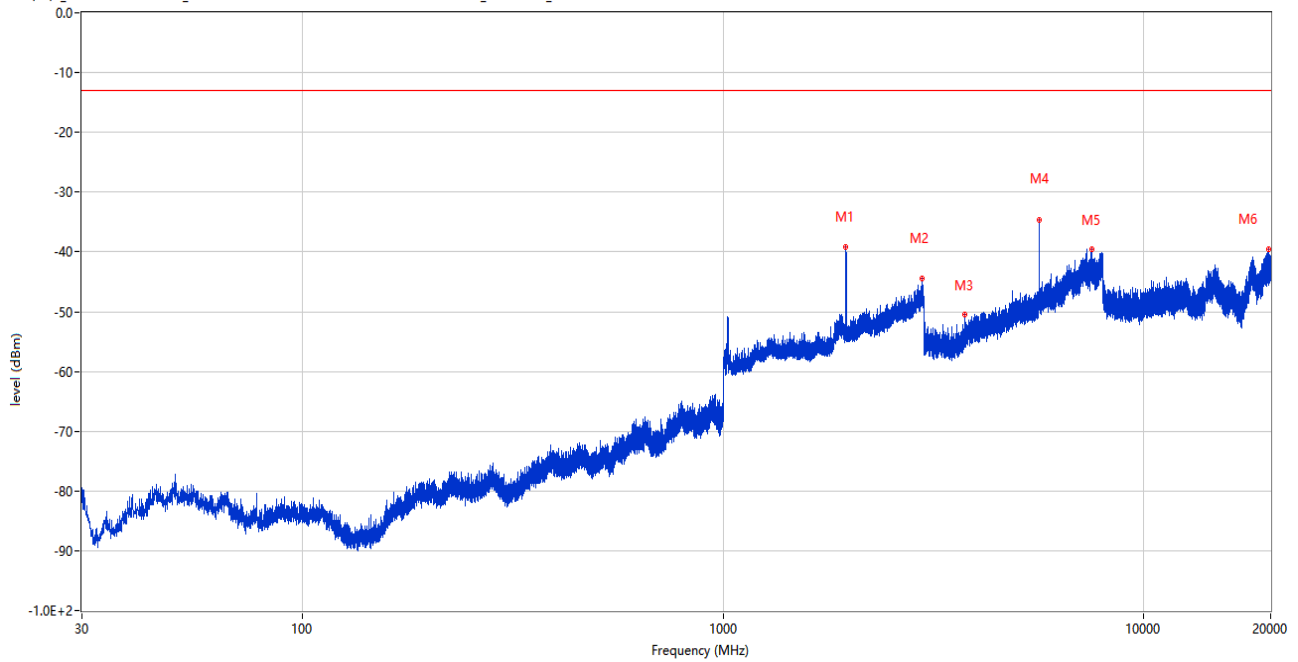
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1960.800        | -24.74       | 1.24        | -13.0       | 11.74       | 233.00    | Horizontal | Vertical | N/A     |
| 3759.500        | -48.61       | 5.11        | -13.0       | 35.61       | 18.00     | Horizontal | Vertical | Pass    |
| 5637.500        | -39.22       | 10.10       | -13.0       | 26.22       | 166.00    | Horizontal | Vertical | Pass    |
| 7523.500        | -39.97       | 14.49       | -13.0       | 26.97       | 64.00     | Horizontal | Vertical | Pass    |
| 11341.388       | -44.21       | 9.35        | -13.0       | 31.21       | 0.00      | Horizontal | Vertical | Pass    |
| 18154.875       | -40.51       | 15.53       | -13.0       | 27.51       | 144.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B2,Channel:MID range

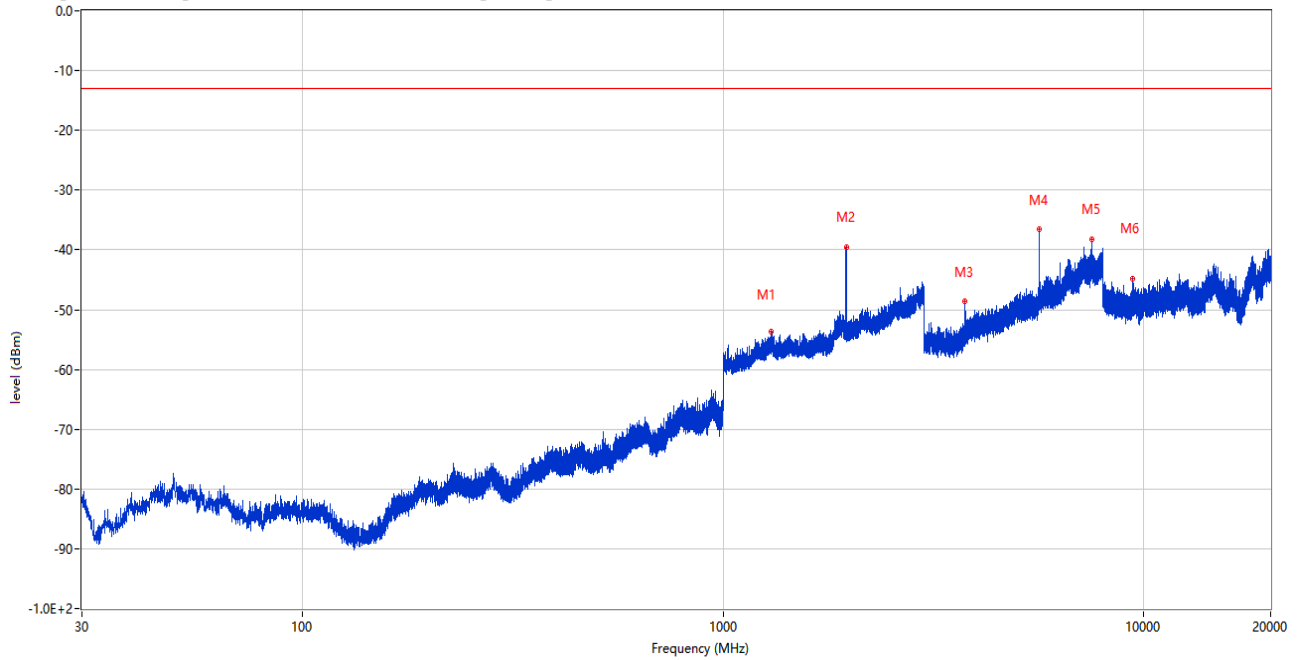
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1960.300        | -39.09       | 1.26        | -13.0       | 26.09       | 238.00    | Vertical | Vertical | N/A     |
| 2967.900        | -44.37       | 9.56        | -13.0       | 31.37       | 120.00    | Vertical | Vertical | Pass    |
| 3761.750        | -50.52       | 5.41        | -13.0       | 37.52       | 94.00     | Vertical | Vertical | Pass    |
| 5642.750        | -34.70       | 9.75        | -13.0       | 21.70       | 287.00    | Vertical | Vertical | Pass    |
| 7524.000        | -39.62       | 14.56       | -13.0       | 26.62       | 106.00    | Vertical | Vertical | Pass    |
| 19764.011       | -39.52       | 15.67       | -13.0       | 26.52       | 292.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B2,Channel:MID range

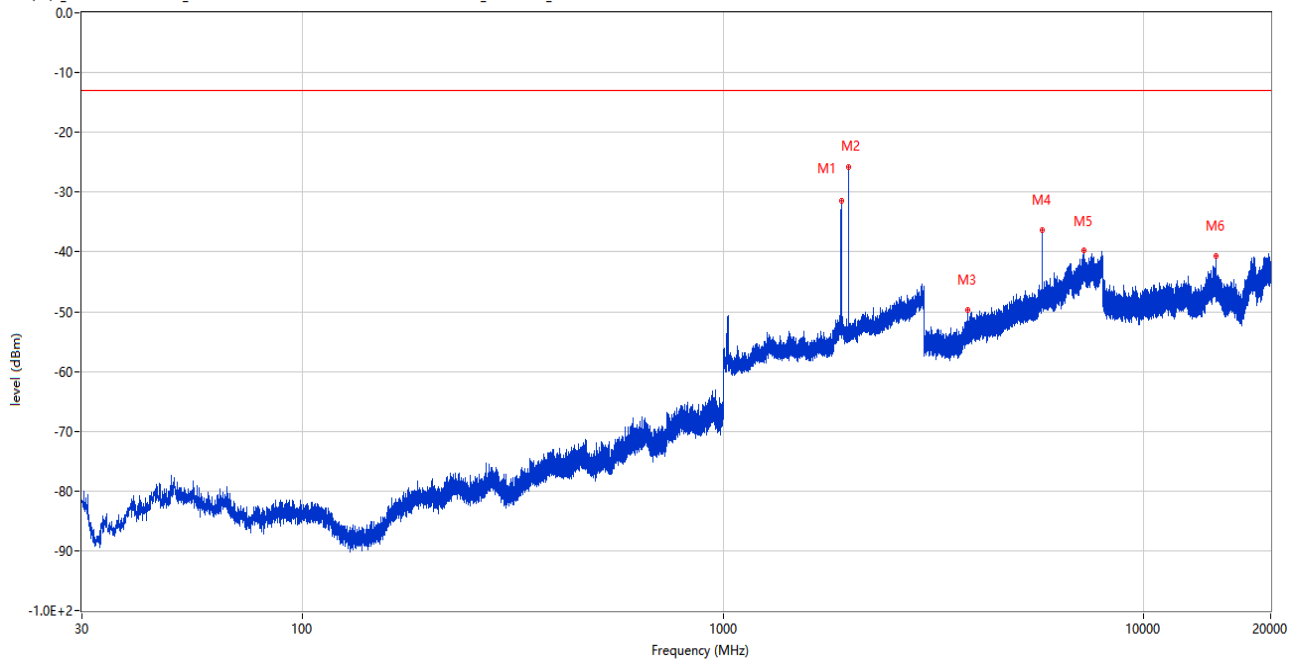
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1301.900        | -53.67       | -0.85       | -13.0       | 40.67       | 65.00     | Vertical | Horizontal | Pass    |
| 1962.000        | -39.49       | 1.14        | -13.0       | 26.49       | 334.00    | Vertical | Horizontal | N/A     |
| 3758.750        | -48.65       | 5.01        | -13.0       | 35.65       | 249.00    | Vertical | Horizontal | Pass    |
| 5640.500        | -36.56       | 9.85        | -13.0       | 23.56       | 283.00    | Vertical | Horizontal | Pass    |
| 7521.000        | -38.18       | 14.51       | -13.0       | 25.18       | 360.00    | Vertical | Horizontal | Pass    |
| 9406.474        | -44.86       | 9.22        | -13.0       | 31.86       | 288.00    | Vertical | Horizontal | Pass    |

## Band:WCDMA B2,Channel:HIGH range

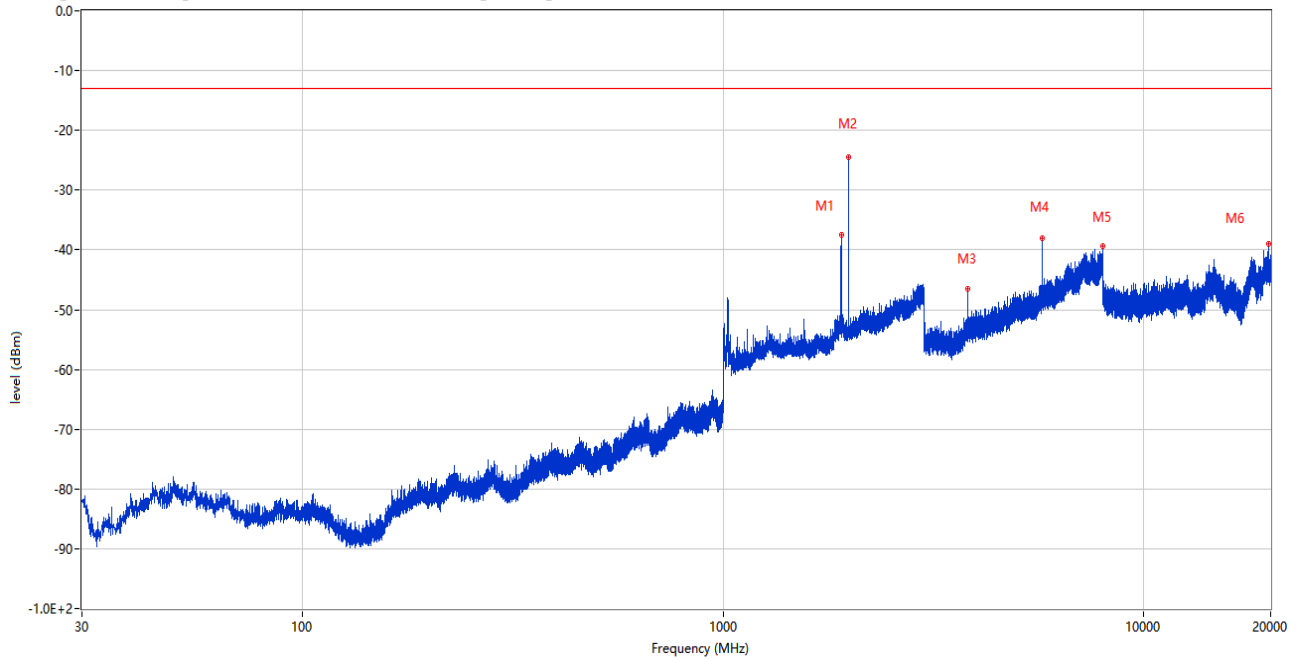
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1909.100        | -31.53       | 2.49        | -13.0       | 18.53       | 184.00    | Horizontal | Horizontal | N/A     |
| 1989.000        | -25.73       | 1.44        | -13.0       | 12.73       | 246.00    | Horizontal | Horizontal | N/A     |
| 3813.250        | -49.72       | 5.43        | -13.0       | 36.72       | 172.00    | Horizontal | Horizontal | Pass    |
| 5727.000        | -36.35       | 9.96        | -13.0       | 23.35       | 314.00    | Horizontal | Horizontal | Pass    |
| 7216.000        | -39.79       | 14.49       | -13.0       | 26.79       | 194.00    | Horizontal | Horizontal | Pass    |
| 14817.338       | -40.68       | 17.12       | -13.0       | 27.68       | 90.00     | Horizontal | Horizontal | Pass    |

## Band:WCDMA B2,Channel:HIGH range

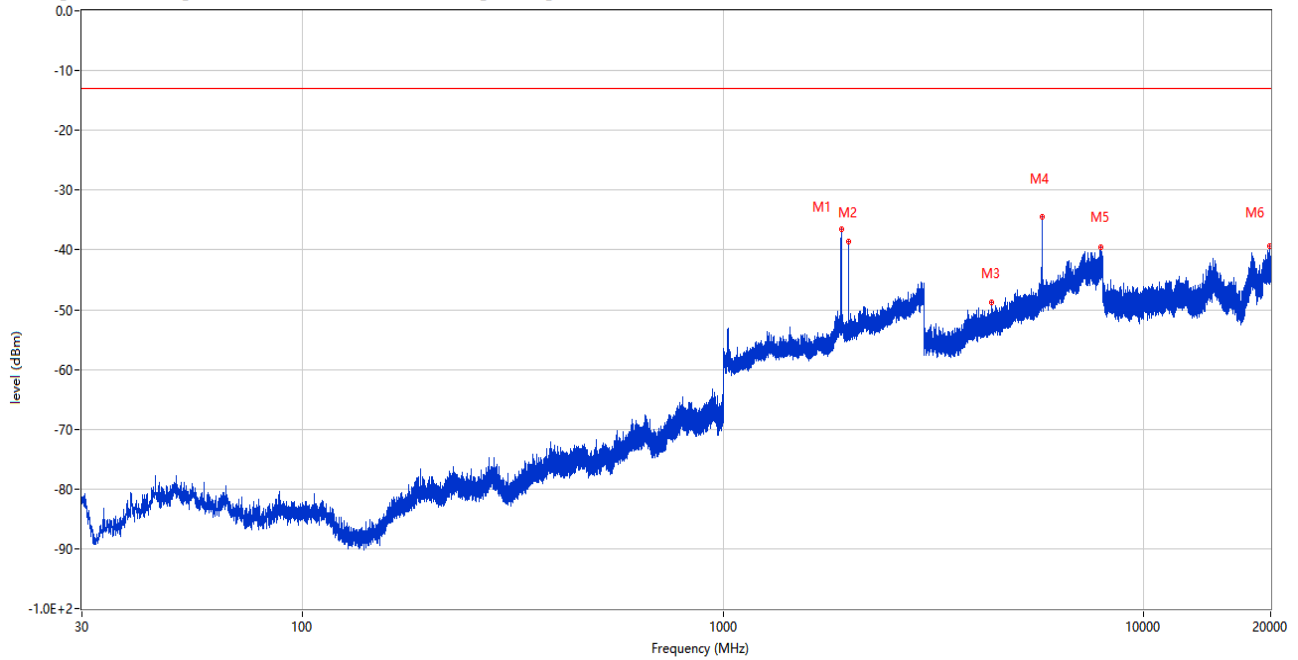
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1909.400        | -37.54       | 2.49        | -13.0       | 24.54       | 130.00    | Horizontal | Vertical | N/A     |
| 1989.200        | -24.55       | 1.45        | -13.0       | 11.55       | 81.00     | Horizontal | Vertical | N/A     |
| 3818.250        | -46.49       | 5.45        | -13.0       | 33.49       | 266.00    | Horizontal | Vertical | Pass    |
| 5726.750        | -38.00       | 9.94        | -13.0       | 25.00       | 266.00    | Horizontal | Vertical | Pass    |
| 7974.500        | -39.34       | 15.06       | -13.0       | 26.34       | 0.00      | Horizontal | Vertical | Pass    |
| 19761.113       | -38.97       | 15.67       | -13.0       | 25.97       | 61.00     | Horizontal | Vertical | Pass    |

## Band:WCDMA B2,Channel:HIGH range

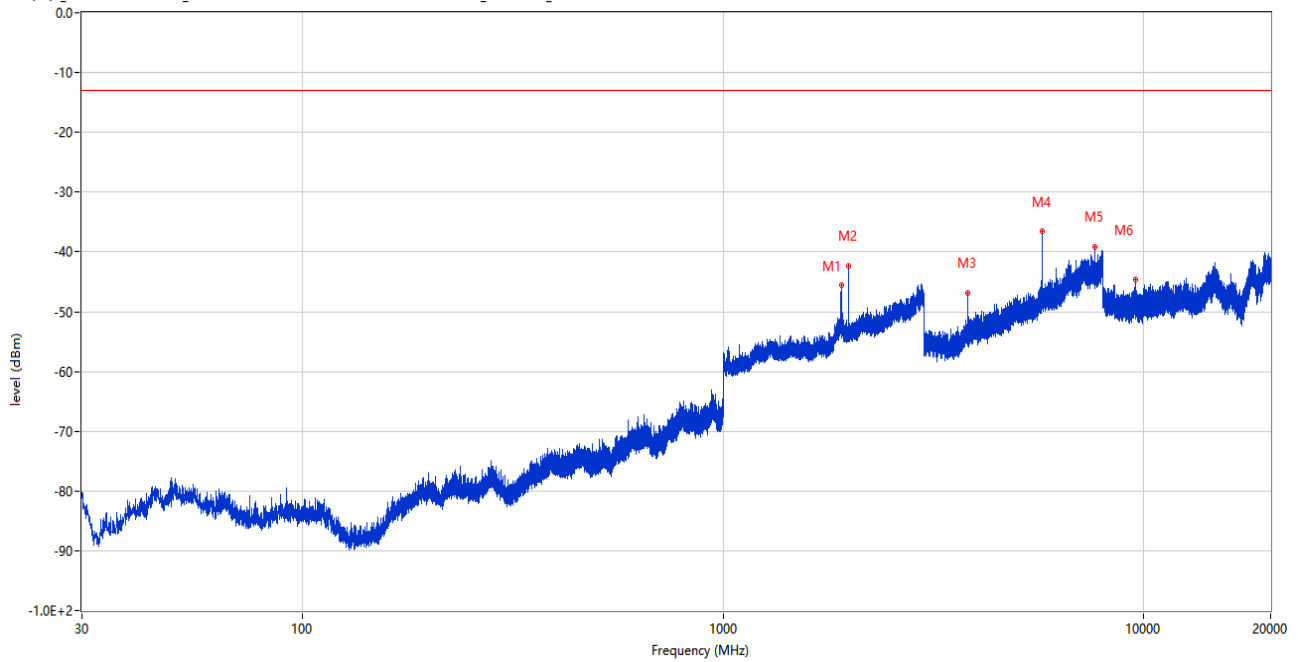
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1909.600        | -36.61       | 2.49        | -13.0       | 23.61       | 141.00    | Vertical | Vertical | N/A     |
| 1989.200        | -38.66       | 1.45        | -13.0       | 25.66       | 362.00    | Vertical | Vertical | N/A     |
| 4356.750        | -48.80       | 7.04        | -13.0       | 35.80       | 280.00    | Vertical | Vertical | Pass    |
| 5720.750        | -34.49       | 9.92        | -13.0       | 21.49       | 303.00    | Vertical | Vertical | Pass    |
| 7902.500        | -39.53       | 14.59       | -13.0       | 26.53       | 280.00    | Vertical | Vertical | Pass    |
| 19939.824       | -39.41       | 15.68       | -13.0       | 26.41       | 360.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B2,Channel:HIGH range

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

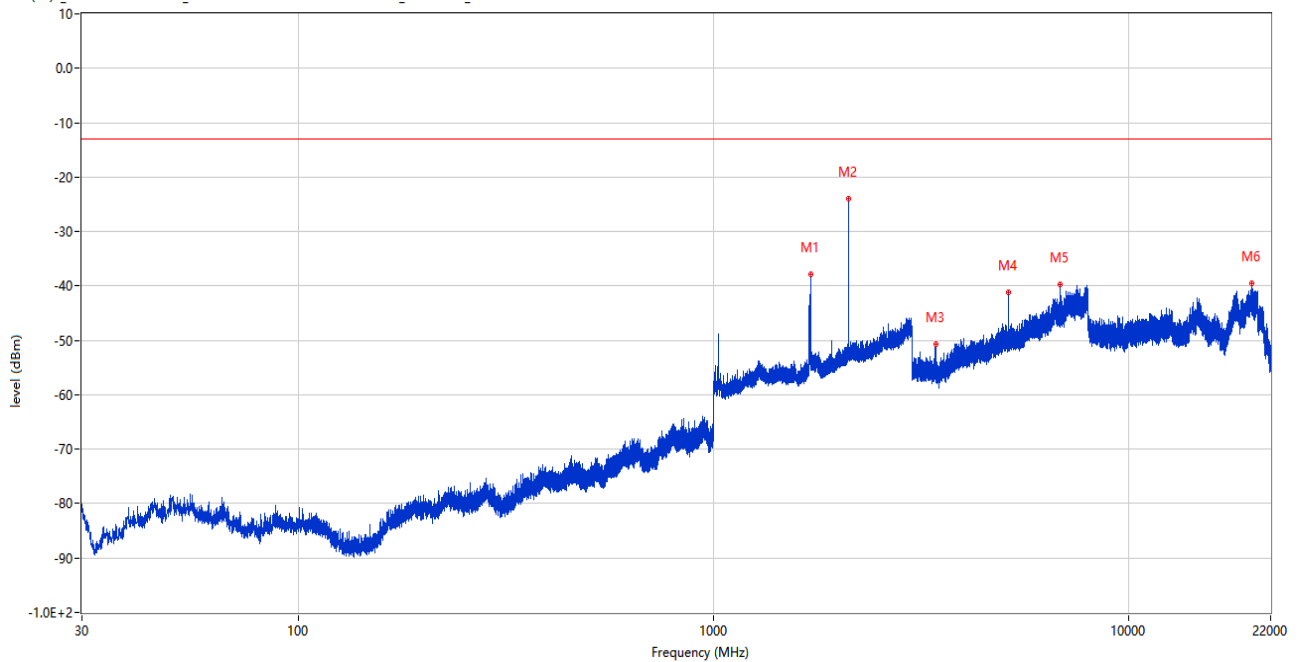


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1909.300        | -45.65       | 2.49        | -13.0       | 32.65       | 136.00    | Vertical | Horizontal | N/A     |
| 1988.200        | -42.30       | 1.20        | -13.0       | 29.30       | 360.00    | Vertical | Horizontal | N/A     |
| 3817.500        | -46.83       | 5.48        | -13.0       | 33.83       | 233.00    | Vertical | Horizontal | Pass    |
| 5725.250        | -36.62       | 9.87        | -13.0       | 23.62       | 255.00    | Vertical | Horizontal | Pass    |
| 7631.500        | -39.18       | 14.18       | -13.0       | 26.18       | 0.00      | Vertical | Horizontal | Pass    |
| 9540.187        | -44.67       | 8.56        | -13.0       | 31.67       | 338.00    | Vertical | Horizontal | Pass    |

## 1.2 WCDMA Bnad 4

Band:WCDMA B4,Channel:LOW range

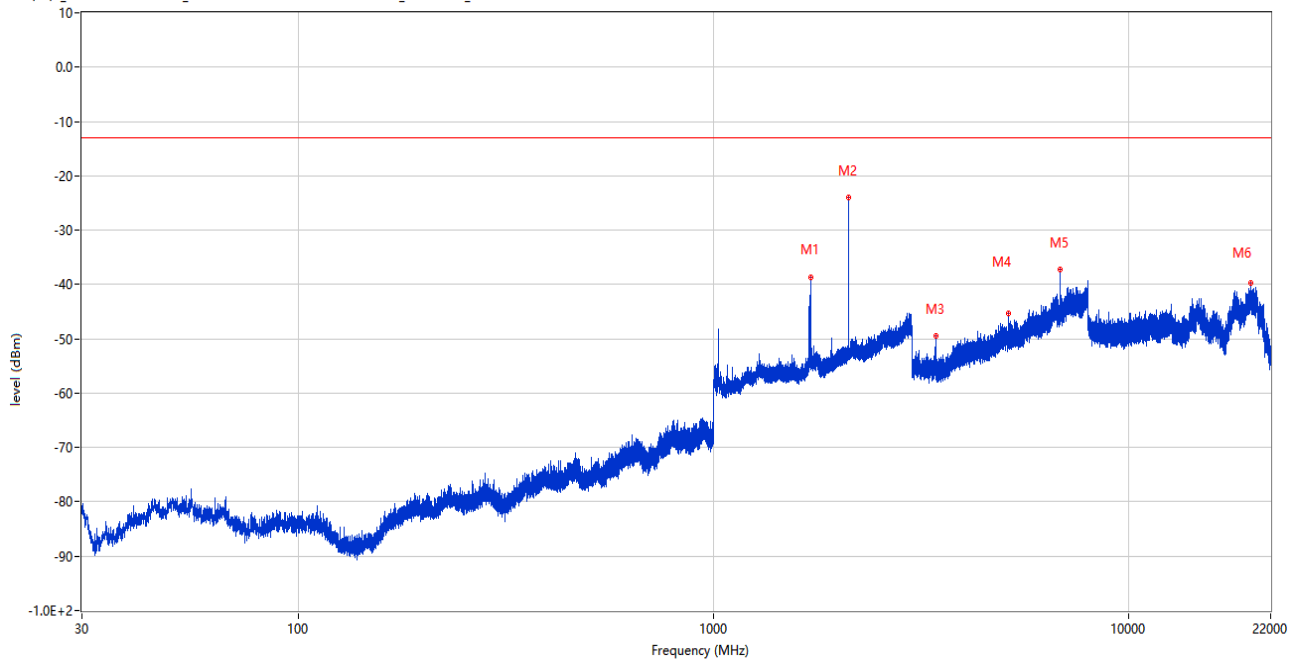
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1711.700        | -37.82       | 0.96        | -13.0       | 24.82       | 177.00    | Horizontal | Horizontal | N/A     |
| 2112.400        | -24.04       | 2.53        | -13.0       | 11.04       | 222.00    | Horizontal | Horizontal | N/A     |
| 3427.000        | -50.73       | 3.95        | -13.0       | 37.73       | 201.00    | Horizontal | Horizontal | Pass    |
| 5141.500        | -41.26       | 8.82        | -13.0       | 28.26       | 155.00    | Horizontal | Horizontal | Pass    |
| 6855.250        | -39.72       | 12.70       | -13.0       | 26.72       | 178.00    | Horizontal | Horizontal | Pass    |
| 19783.698       | -39.53       | 15.67       | -13.0       | 26.53       | 339.00    | Horizontal | Horizontal | Pass    |

## Band:WCDMA B4,Channel:LOW range

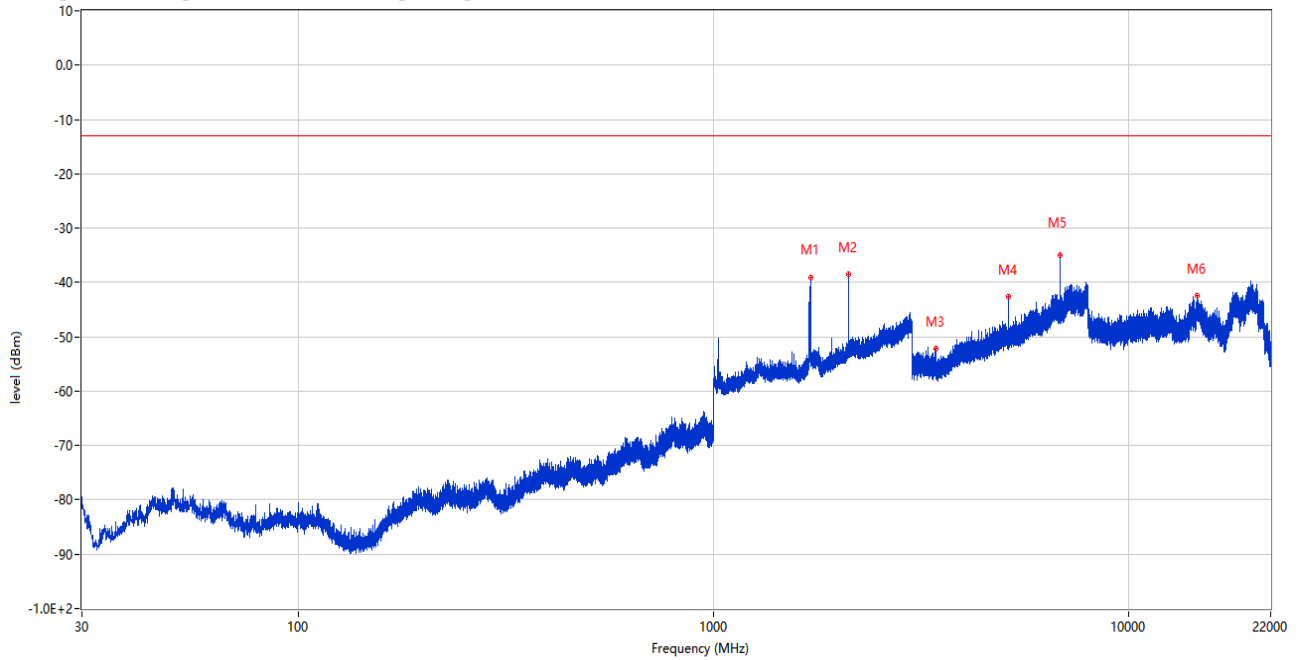
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1711.900        | -38.58       | 0.96        | -13.0       | 25.58       | 149.00    | Horizontal | Vertical | N/A     |
| 2113.200        | -24.05       | 2.34        | -13.0       | 11.05       | 81.00     | Horizontal | Vertical | N/A     |
| 3427.250        | -49.51       | 3.92        | -13.0       | 36.51       | 360.00    | Horizontal | Vertical | Pass    |
| 5134.000        | -45.32       | 8.74        | -13.0       | 32.32       | 296.00    | Horizontal | Vertical | Pass    |
| 6855.500        | -37.20       | 12.75       | -13.0       | 24.20       | 205.00    | Horizontal | Vertical | Pass    |
| 19679.638       | -39.68       | 15.66       | -13.0       | 26.68       | 173.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B4,Channel:LOW range

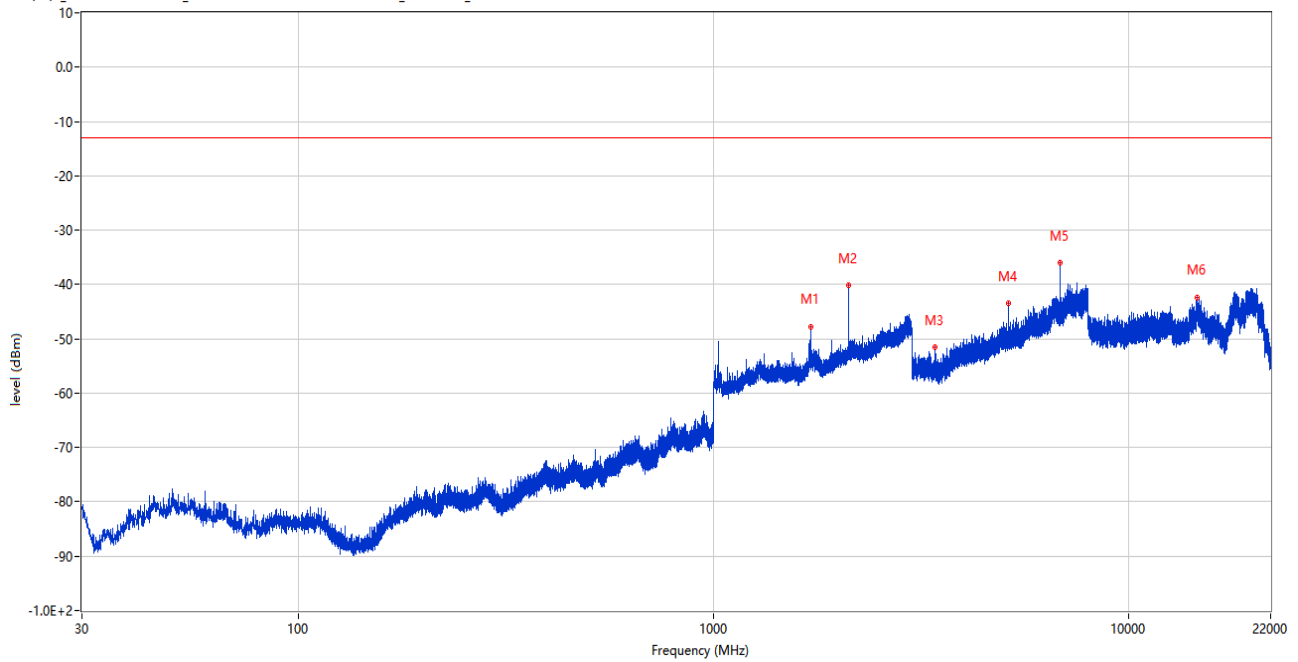
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1711.900        | -39.01       | 0.96        | -13.0       | 26.01       | 166.00    | Vertical | Vertical | N/A     |
| 2112.300        | -38.57       | 2.55        | -13.0       | 25.57       | 166.00    | Vertical | Vertical | N/A     |
| 3426.750        | -52.06       | 3.98        | -13.0       | 39.06       | 113.00    | Vertical | Vertical | Pass    |
| 5140.000        | -42.66       | 8.83        | -13.0       | 29.66       | 238.00    | Vertical | Vertical | Pass    |
| 6846.000        | -35.03       | 12.41       | -13.0       | 22.03       | 318.00    | Vertical | Vertical | Pass    |
| 14622.200       | -42.36       | 16.79       | -13.0       | 29.36       | 213.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B4,Channel:LOW range

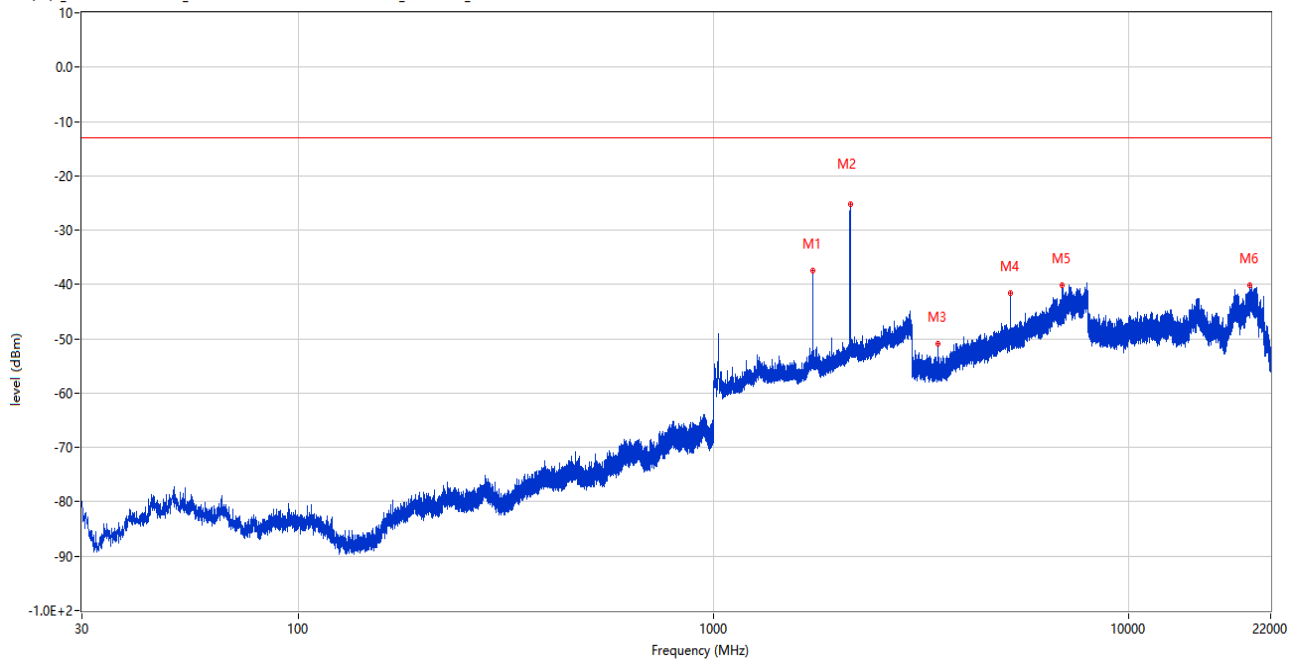
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1712.400        | -47.70       | 0.96        | -13.0       | 34.70       | 96.00     | Vertical | Horizontal | N/A     |
| 2114.500        | -40.16       | 2.49        | -13.0       | 27.16       | 35.00     | Vertical | Horizontal | N/A     |
| 3423.750        | -51.47       | 4.17        | -13.0       | 38.47       | 73.00     | Vertical | Horizontal | Pass    |
| 5140.000        | -43.40       | 8.83        | -13.0       | 30.40       | 342.00    | Vertical | Horizontal | Pass    |
| 6855.500        | -36.08       | 12.75       | -13.0       | 23.08       | 283.00    | Vertical | Horizontal | Pass    |
| 14610.638       | -42.33       | 17.15       | -13.0       | 29.33       | 195.00    | Vertical | Horizontal | Pass    |

## Band:WCDMA B4,Channel:MID range

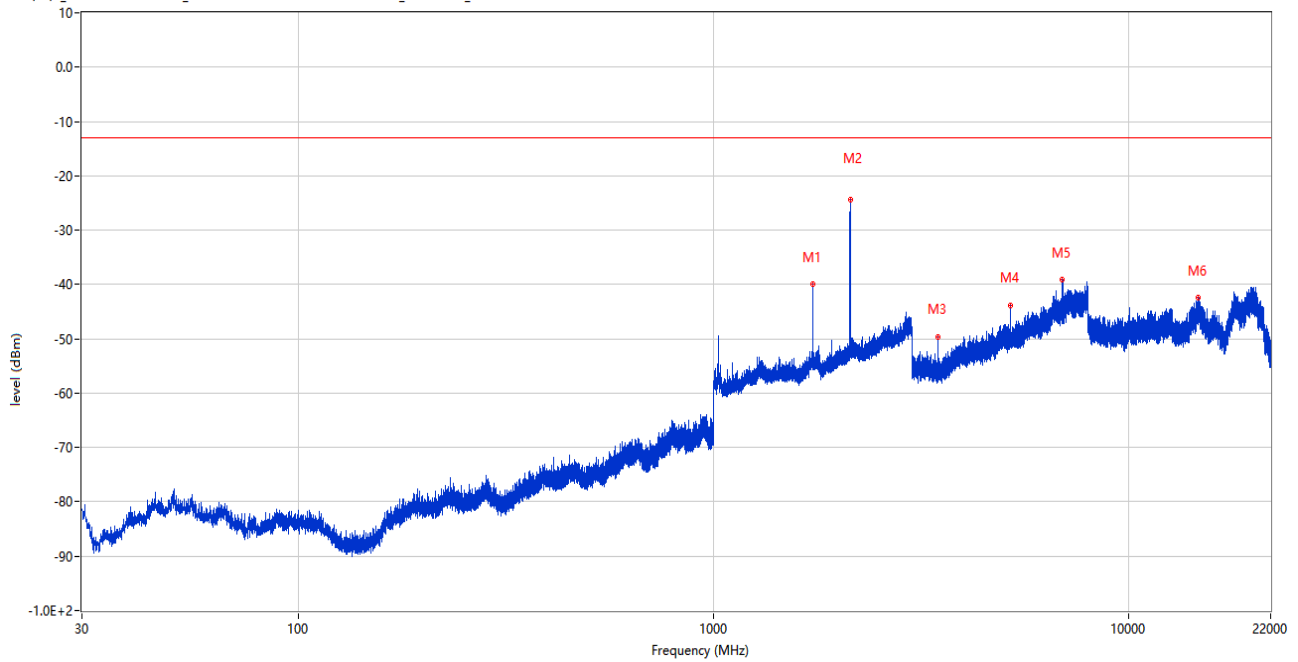
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1731.900        | -37.50       | 0.97        | -13.0       | 24.50       | 174.00    | Horizontal | Horizontal | N/A     |
| 2134.500        | -25.13       | 2.71        | -13.0       | 12.13       | 231.00    | Horizontal | Horizontal | N/A     |
| 3462.750        | -50.85       | 4.08        | -13.0       | 37.85       | 211.00    | Horizontal | Horizontal | Pass    |
| 5200.250        | -41.56       | 8.41        | -13.0       | 28.56       | 165.00    | Horizontal | Horizontal | Pass    |
| 6925.750        | -40.23       | 12.92       | -13.0       | 27.23       | 177.00    | Horizontal | Horizontal | Pass    |
| 19625.525       | -40.14       | 15.65       | -13.0       | 27.14       | 360.00    | Horizontal | Horizontal | Pass    |

## Band:WCDMA B4,Channel:MID range

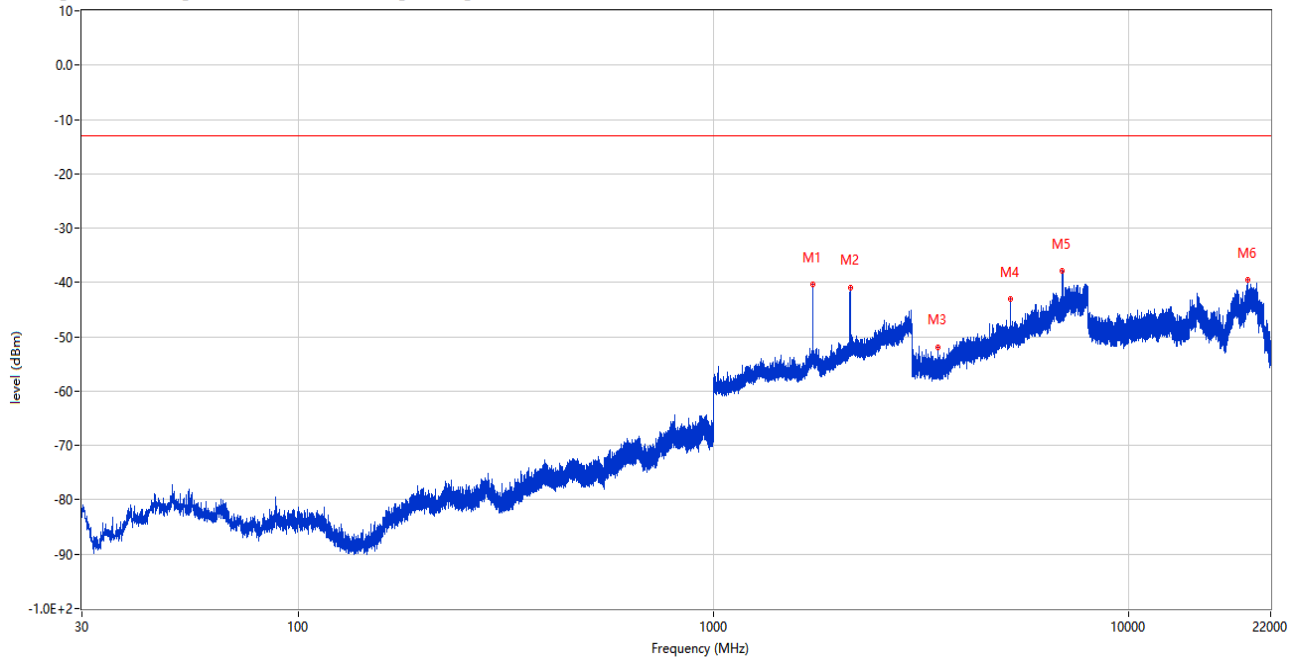
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1731.900        | -39.99       | 0.97        | -13.0       | 26.99       | 136.00    | Horizontal | Vertical | N/A     |
| 2132.900        | -24.32       | 2.72        | -13.0       | 11.32       | 84.00     | Horizontal | Vertical | N/A     |
| 3463.000        | -49.57       | 4.07        | -13.0       | 36.57       | 99.00     | Horizontal | Vertical | Pass    |
| 5195.250        | -43.77       | 8.47        | -13.0       | 30.77       | 227.00    | Horizontal | Vertical | Pass    |
| 6925.250        | -39.02       | 13.00       | -13.0       | 26.02       | 145.00    | Horizontal | Vertical | Pass    |
| 14725.800       | -42.46       | 16.59       | -13.0       | 29.46       | 137.00    | Horizontal | Vertical | Pass    |

# Band:WCDMA B4,Channel:MID range

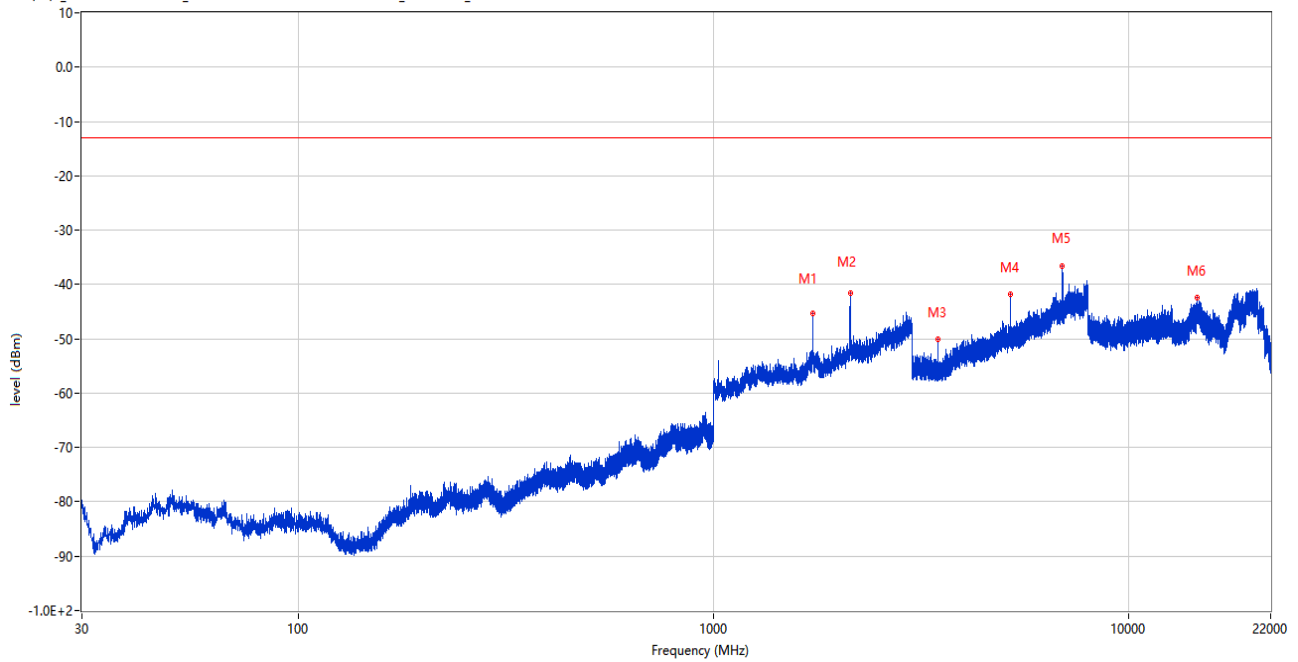
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1732.500        | -40.34       | 0.97        | -13.0       | 27.34       | 358.00    | Vertical | Vertical | N/A     |
| 2133.700        | -40.87       | 2.68        | -13.0       | 27.87       | 159.00    | Vertical | Vertical | N/A     |
| 3467.000        | -52.01       | 4.10        | -13.0       | 39.01       | 258.00    | Vertical | Vertical | Pass    |
| 5200.750        | -43.04       | 8.41        | -13.0       | 30.04       | 247.00    | Vertical | Vertical | Pass    |
| 6925.750        | -37.92       | 12.92       | -13.0       | 24.92       | 326.00    | Vertical | Vertical | Pass    |
| 19396.125       | -39.49       | 15.64       | -13.0       | 26.49       | 353.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B4,Channel:MID range

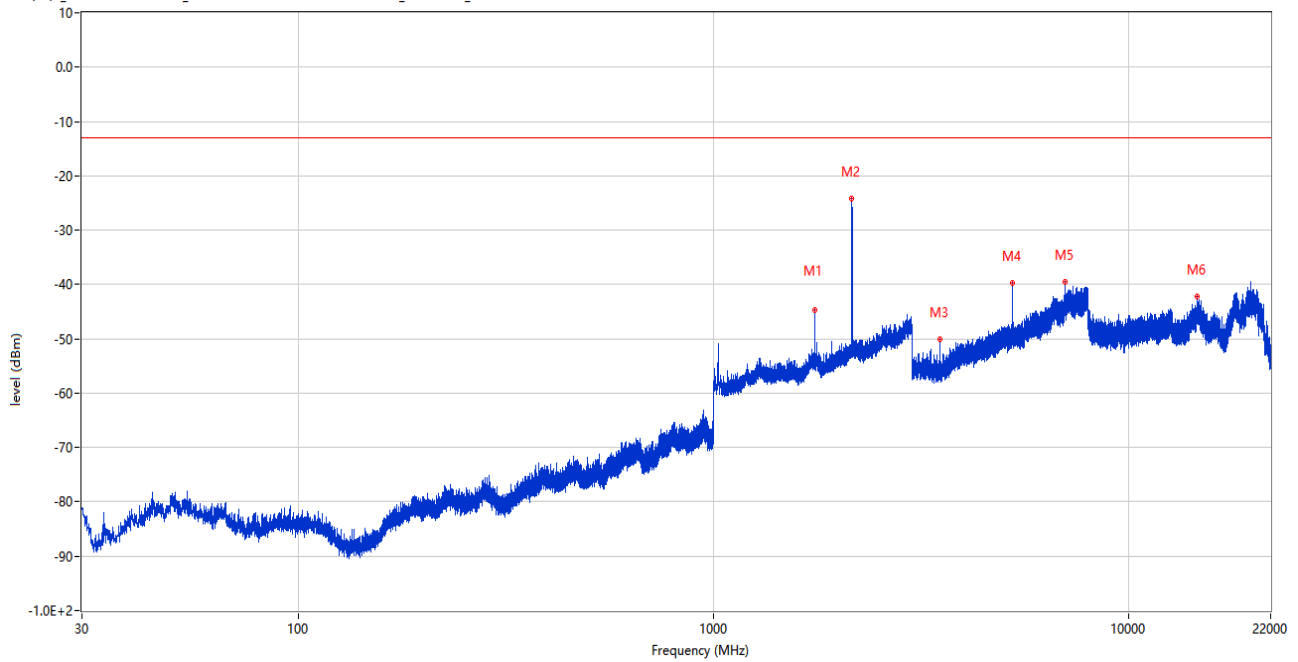
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1732.500        | -45.34       | 0.97        | -13.0       | 32.34       | 106.00    | Vertical | Horizontal | N/A     |
| 2132.700        | -41.49       | 2.73        | -13.0       | 28.49       | 48.00     | Vertical | Horizontal | N/A     |
| 3466.750        | -50.10       | 4.08        | -13.0       | 37.10       | 170.00    | Vertical | Horizontal | Pass    |
| 5194.000        | -41.75       | 8.47        | -13.0       | 28.75       | 124.00    | Vertical | Horizontal | Pass    |
| 6925.250        | -36.51       | 13.00       | -13.0       | 23.51       | 261.00    | Vertical | Horizontal | Pass    |
| 14661.512       | -42.47       | 17.15       | -13.0       | 29.47       | 9.00      | Vertical | Horizontal | Pass    |

## Band:WCDMA B4,Channel:HIGH range

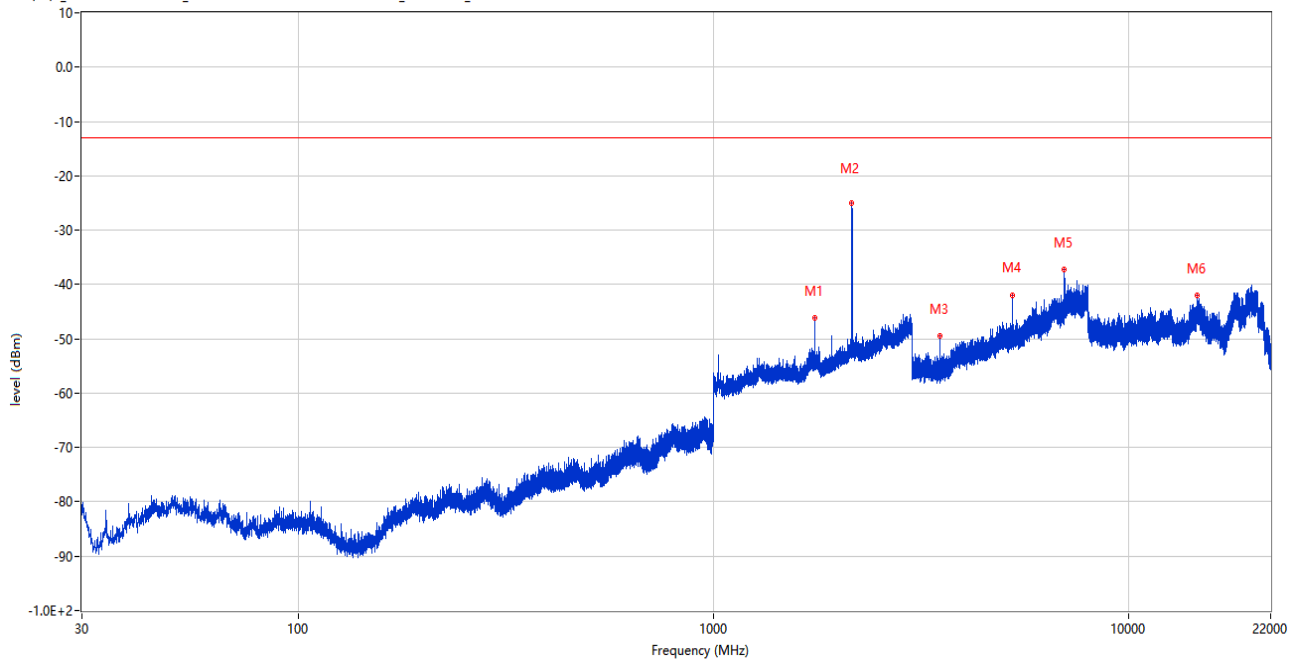
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1753.800        | -44.79       | 1.01        | -13.0       | 31.79       | 145.00    | Horizontal | Horizontal | N/A     |
| 2152.500        | -24.15       | 3.03        | -13.0       | 11.15       | 220.00    | Horizontal | Horizontal | N/A     |
| 3507.000        | -50.06       | 4.29        | -13.0       | 37.06       | 0.00      | Horizontal | Horizontal | Pass    |
| 5256.250        | -39.74       | 8.43        | -13.0       | 26.74       | 154.00    | Horizontal | Horizontal | Pass    |
| 7014.000        | -39.52       | 13.18       | -13.0       | 26.52       | 213.00    | Horizontal | Horizontal | Pass    |
| 14665.675       | -42.24       | 16.88       | -13.0       | 29.24       | 81.00     | Horizontal | Horizontal | Pass    |

## Band:WCDMA B4,Channel:HIGH range

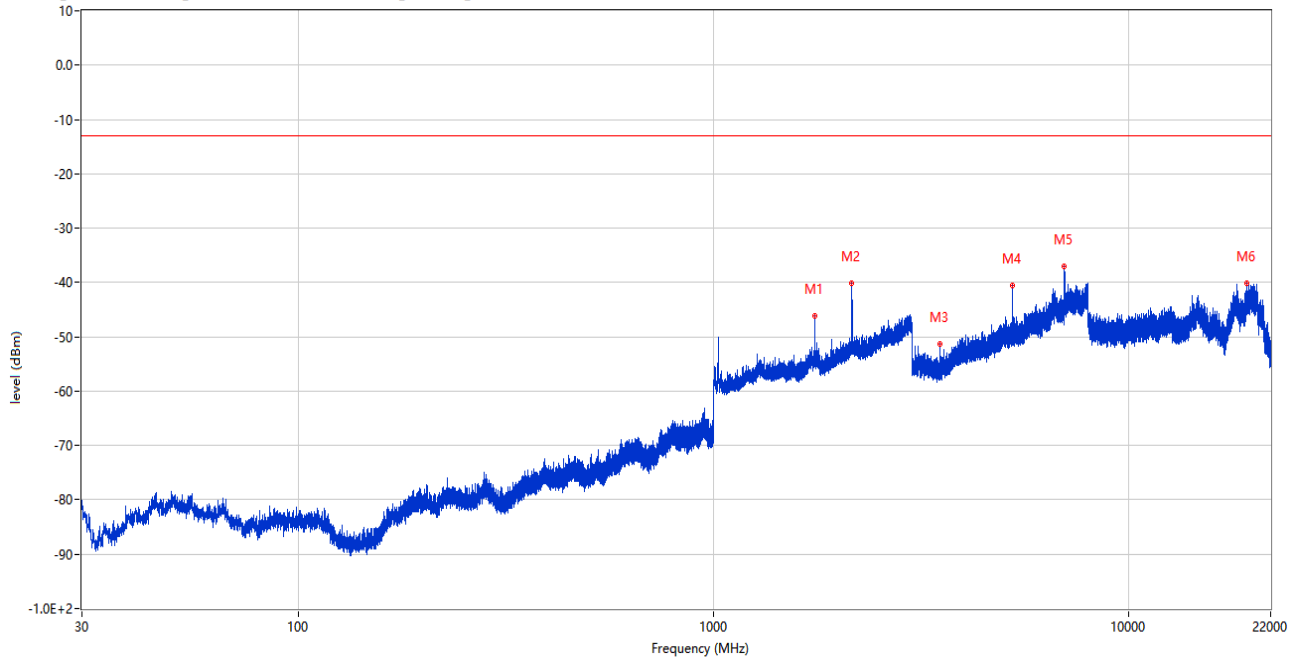
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1753.200        | -46.16       | 1.01        | -13.0       | 33.16       | 128.00    | Horizontal | Vertical | N/A     |
| 2152.900        | -24.93       | 3.09        | -13.0       | 11.93       | 86.00     | Horizontal | Vertical | N/A     |
| 3504.500        | -49.39       | 4.44        | -13.0       | 36.39       | 20.00     | Horizontal | Vertical | Pass    |
| 5256.000        | -41.89       | 8.46        | -13.0       | 28.89       | 226.00    | Horizontal | Vertical | Pass    |
| 7008.000        | -37.31       | 12.88       | -13.0       | 24.31       | 158.00    | Horizontal | Vertical | Pass    |
| 14650.412       | -42.01       | 17.61       | -13.0       | 29.01       | 72.00     | Horizontal | Vertical | Pass    |

Band:WCDMA B4,Channel:HIGH range

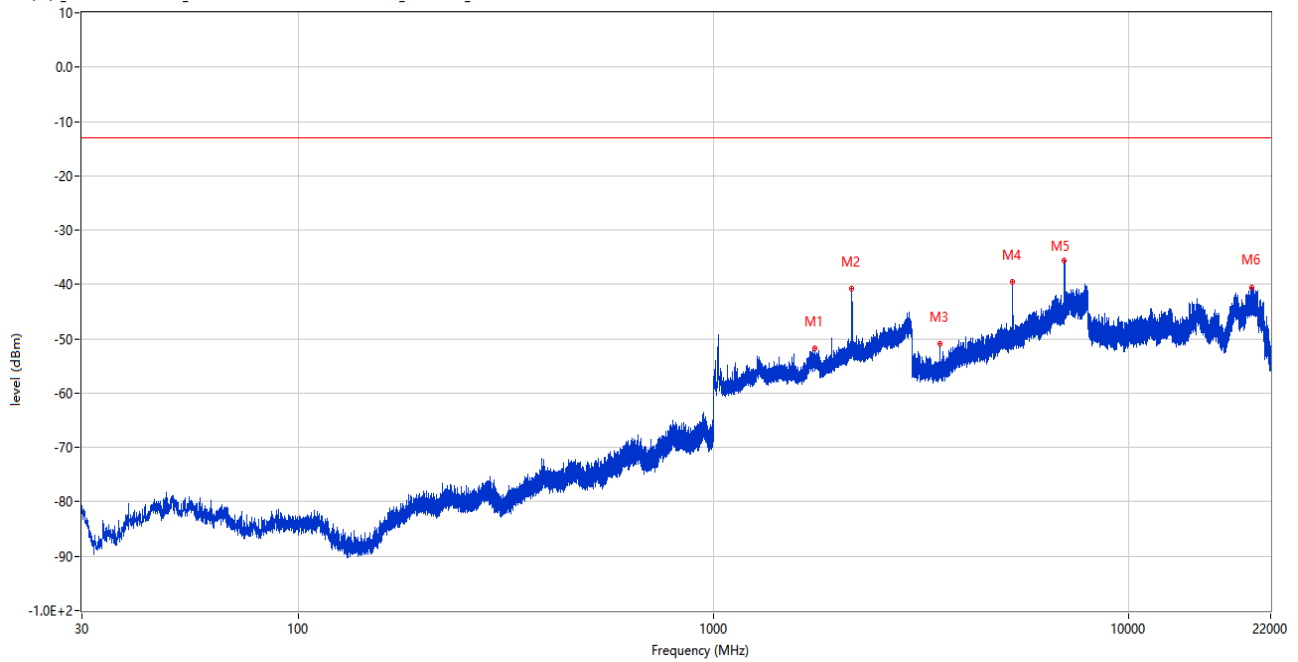
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1753.600        | -46.15       | 1.01        | -13.0       | 33.15       | 164.00    | Vertical | Vertical | N/A     |
| 2153.300        | -40.20       | 3.12        | -13.0       | 27.20       | 170.00    | Vertical | Vertical | N/A     |
| 3507.750        | -51.31       | 4.19        | -13.0       | 38.31       | 118.00    | Vertical | Vertical | Pass    |
| 5254.750        | -40.55       | 8.42        | -13.0       | 27.55       | 264.00    | Vertical | Vertical | Pass    |
| 7007.750        | -37.09       | 12.89       | -13.0       | 24.09       | 319.00    | Vertical | Vertical | Pass    |
| 19226.386       | -40.08       | 15.62       | -13.0       | 27.08       | 24.00     | Vertical | Vertical | Pass    |

## Band:WCDMA B4,Channel:HIGH range

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

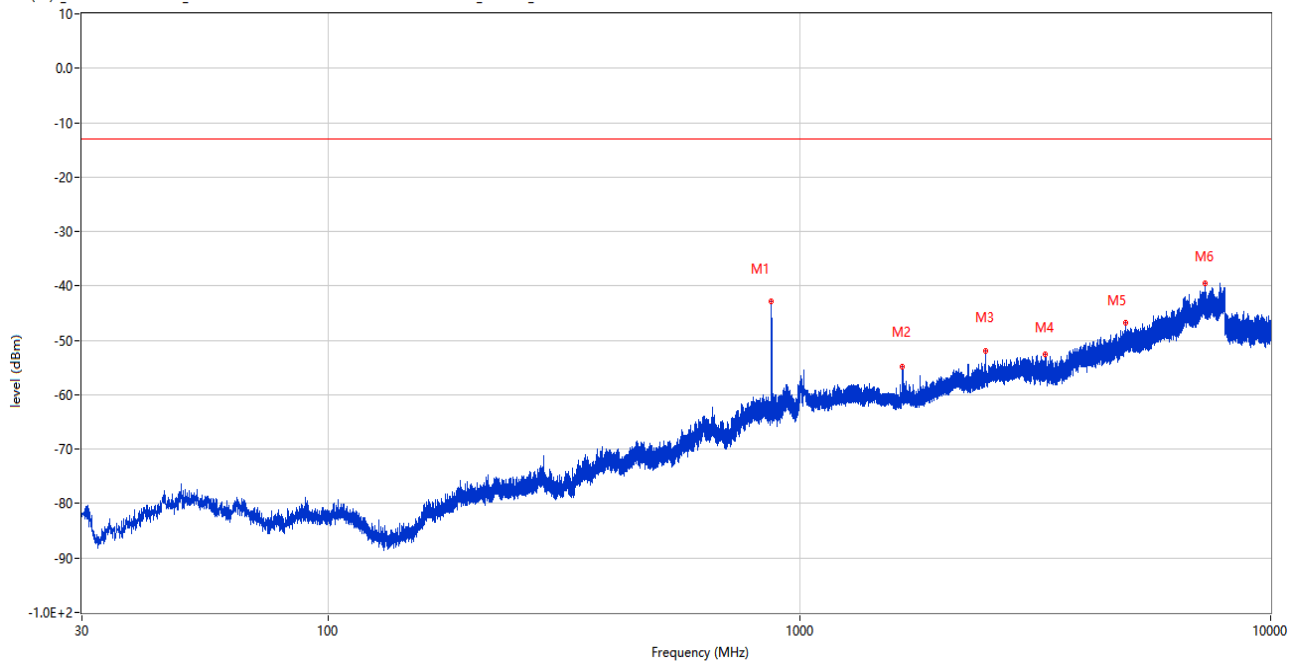


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1753.000        | -51.64       | 1.01        | -13.0       | 38.64       | 100.00    | Vertical | Horizontal | N/A     |
| 2153.200        | -40.69       | 3.12        | -13.0       | 27.69       | 76.00     | Vertical | Horizontal | N/A     |
| 3508.000        | -50.93       | 4.17        | -13.0       | 37.93       | 235.00    | Vertical | Horizontal | Pass    |
| 5260.750        | -39.48       | 8.28        | -13.0       | 26.48       | 121.00    | Vertical | Horizontal | Pass    |
| 7006.250        | -35.63       | 12.77       | -13.0       | 22.63       | 360.00    | Vertical | Horizontal | Pass    |
| 19772.600       | -40.46       | 15.67       | -13.0       | 27.46       | 46.00     | Vertical | Horizontal | Pass    |

### 1.3 WCDMA Bnad 5

Band:WCDMA B5,Channel:LOW range

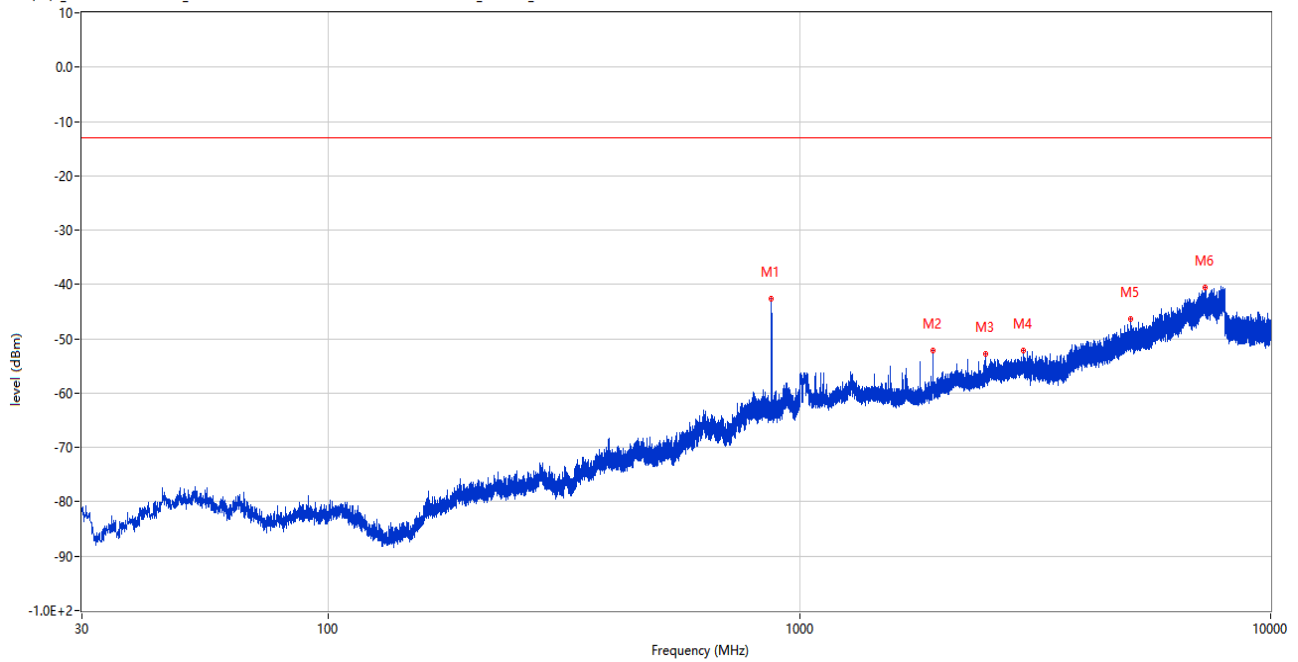
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 870.942         | -42.81       | 19.99       | -13.0       | 29.81       | 299.00    | Horizontal | Horizontal | N/A     |
| 1655.000        | -54.91       | -5.51       | -13.0       | 41.91       | 165.00    | Horizontal | Horizontal | Pass    |
| 2483.600        | -51.99       | -0.63       | -13.0       | 38.99       | 0.00      | Horizontal | Horizontal | Pass    |
| 3326.750        | -52.66       | 4.19        | -13.0       | 39.66       | 114.00    | Horizontal | Horizontal | Pass    |
| 4925.500        | -46.83       | 8.14        | -13.0       | 33.83       | 284.00    | Horizontal | Horizontal | Pass    |
| 7248.500        | -39.52       | 14.70       | -13.0       | 26.52       | 207.00    | Horizontal | Horizontal | Pass    |

## Band:WCDMA B5,Channel:LOW range

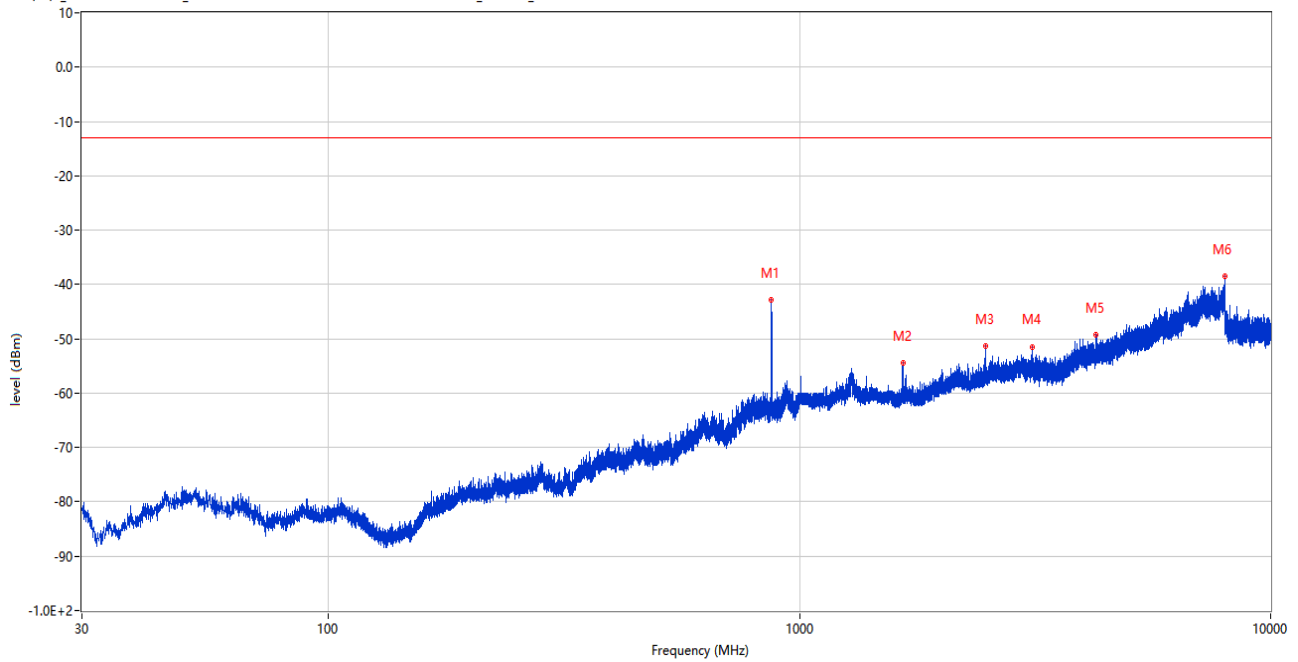
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 872.348         | -42.61       | 20.17       | -13.0       | 29.61       | 158.00    | Horizontal | Vertical | N/A     |
| 1920.500        | -52.15       | -4.90       | -13.0       | 39.15       | 124.00    | Horizontal | Vertical | Pass    |
| 2483.200        | -52.84       | -0.70       | -13.0       | 39.84       | 357.00    | Horizontal | Vertical | Pass    |
| 2982.400        | -52.20       | 1.79        | -13.0       | 39.20       | 172.00    | Horizontal | Vertical | Pass    |
| 5039.500        | -46.34       | 8.92        | -13.0       | 33.34       | 148.00    | Horizontal | Vertical | Pass    |
| 7245.000        | -40.52       | 14.74       | -13.0       | 27.52       | 343.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B5,Channel:LOW range

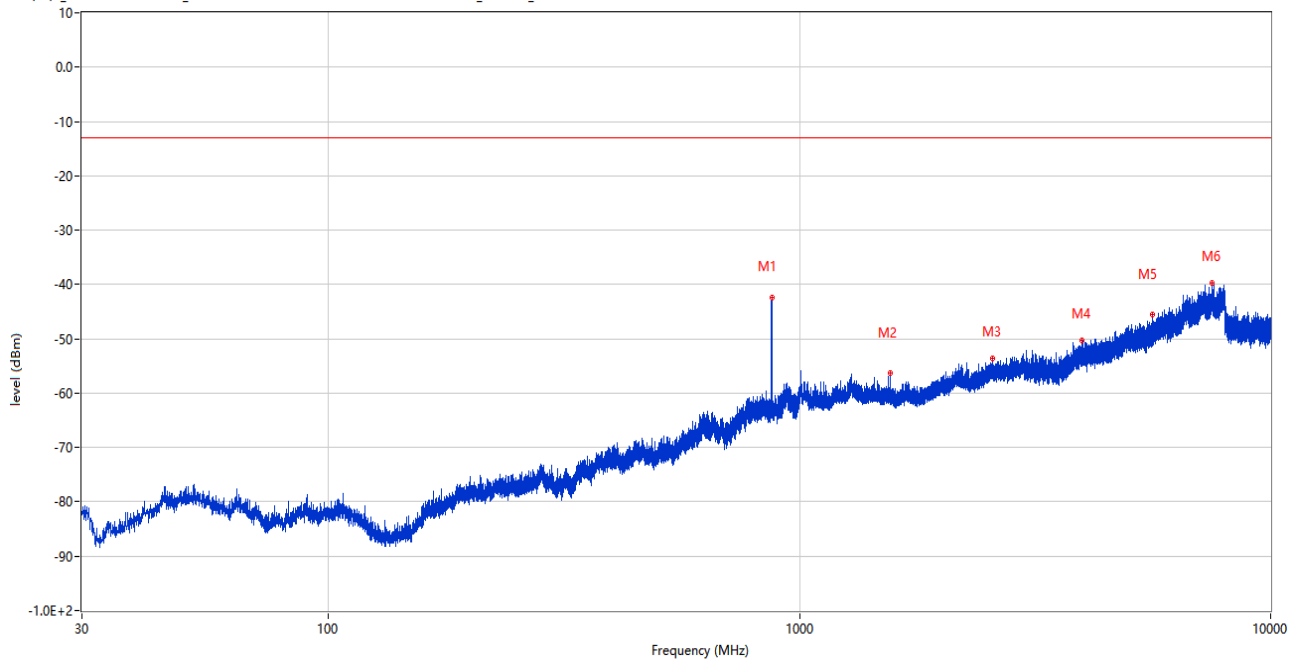
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 871.572         | -42.81       | 20.11       | -13.0       | 29.81       | 0.00      | Vertical | Vertical | N/A     |
| 1656.500        | -54.43       | -5.62       | -13.0       | 41.43       | 1.00      | Vertical | Vertical | Pass    |
| 2482.300        | -51.41       | -0.82       | -13.0       | 38.41       | 214.00    | Vertical | Vertical | Pass    |
| 3122.250        | -51.57       | 4.57        | -13.0       | 38.57       | 52.00     | Vertical | Vertical | Pass    |
| 4266.250        | -49.34       | 6.84        | -13.0       | 36.34       | 326.00    | Vertical | Vertical | Pass    |
| 7986.250        | -38.57       | 14.63       | -13.0       | 25.57       | 346.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B5,Channel:LOW range

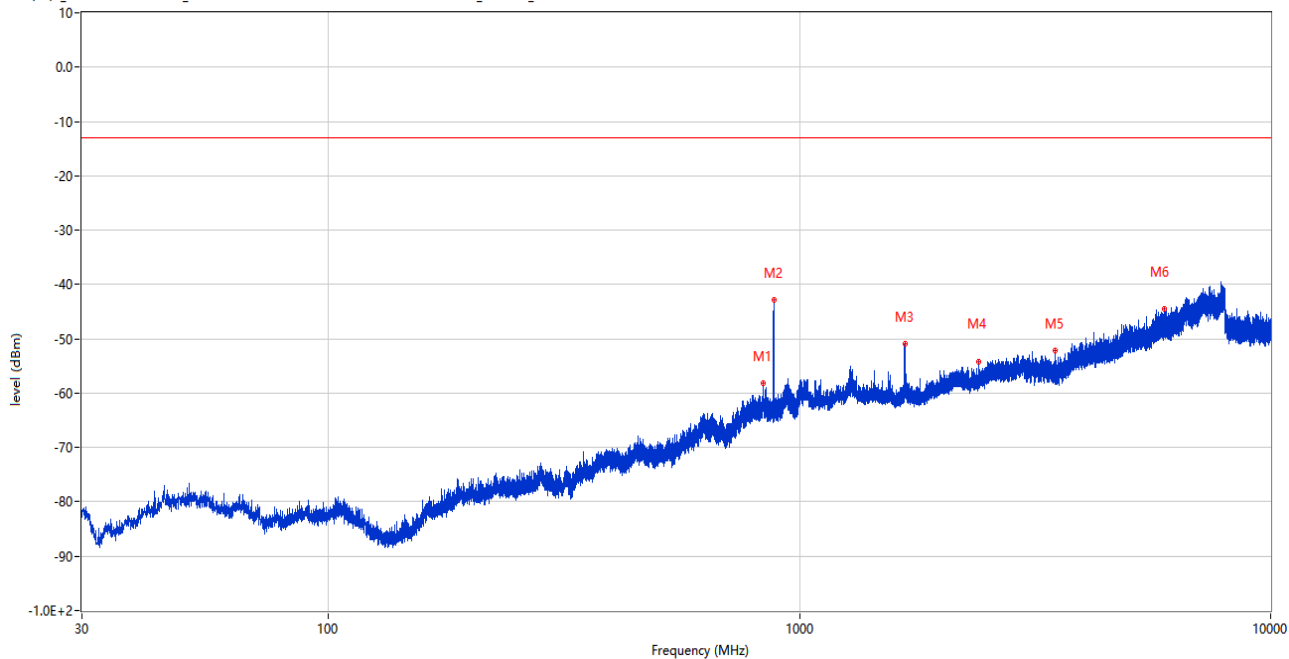
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 872.881         | -42.48       | 20.18       | -13.0       | 29.48       | 0.00      | Vertical | Horizontal | N/A     |
| 1560.700        | -56.32       | -5.59       | -13.0       | 43.32       | 119.00    | Vertical | Horizontal | Pass    |
| 2566.000        | -53.68       | 0.58        | -13.0       | 40.68       | 127.00    | Vertical | Horizontal | Pass    |
| 3968.000        | -50.26       | 6.58        | -13.0       | 37.26       | 73.00     | Vertical | Horizontal | Pass    |
| 5624.750        | -45.62       | 10.25       | -13.0       | 32.62       | 131.00    | Vertical | Horizontal | Pass    |
| 7526.000        | -39.65       | 14.28       | -13.0       | 26.65       | 169.00    | Vertical | Horizontal | Pass    |

## Band:WCDMA B5,Channel:MID range

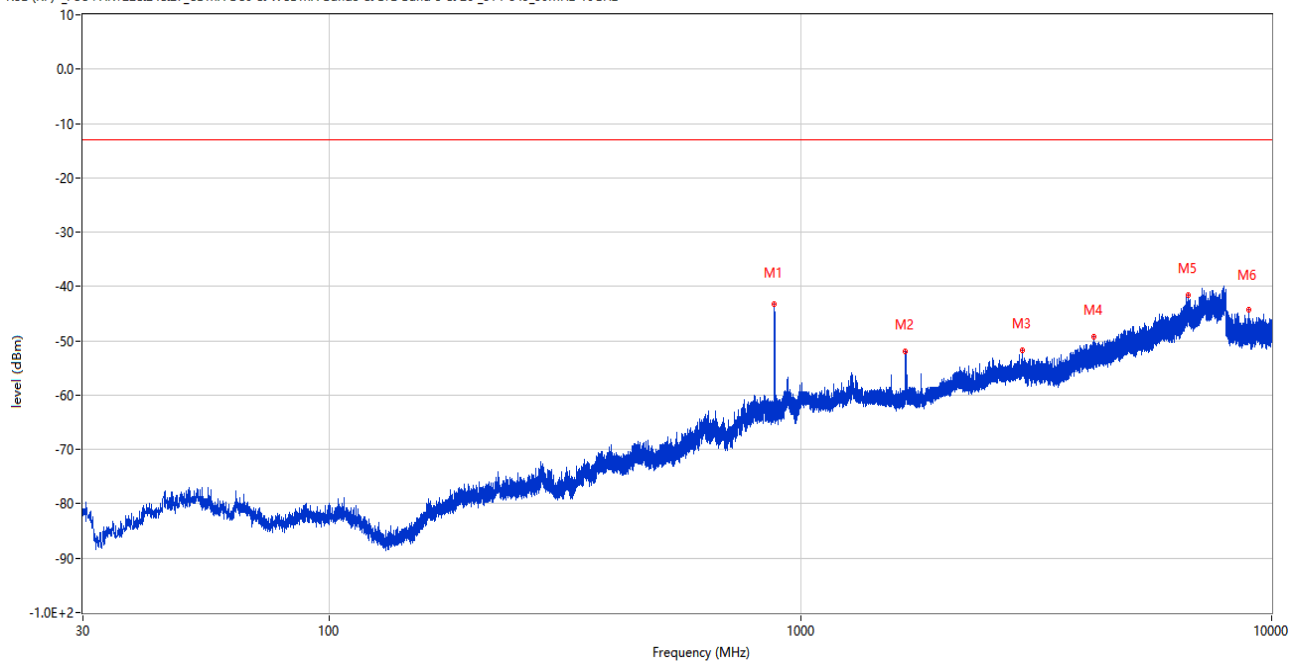
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 837.040         | -58.23       | 20.68       | -13.0       | 45.23       | 276.00    | Horizontal | Horizontal | N/A     |
| 881.466         | -42.87       | 19.92       | -13.0       | 29.87       | 311.00    | Horizontal | Horizontal | N/A     |
| 1676.100        | -50.88       | -5.39       | -13.0       | 37.88       | 247.00    | Horizontal | Horizontal | Pass    |
| 2400.500        | -54.16       | -1.49       | -13.0       | 41.16       | 206.00    | Horizontal | Horizontal | Pass    |
| 3488.500        | -52.17       | 4.30        | -13.0       | 39.17       | 334.00    | Horizontal | Horizontal | Pass    |
| 5940.000        | -44.41       | 11.11       | -13.0       | 31.41       | 39.00     | Horizontal | Horizontal | Pass    |

## Band:WCDMA B5,Channel:MID range

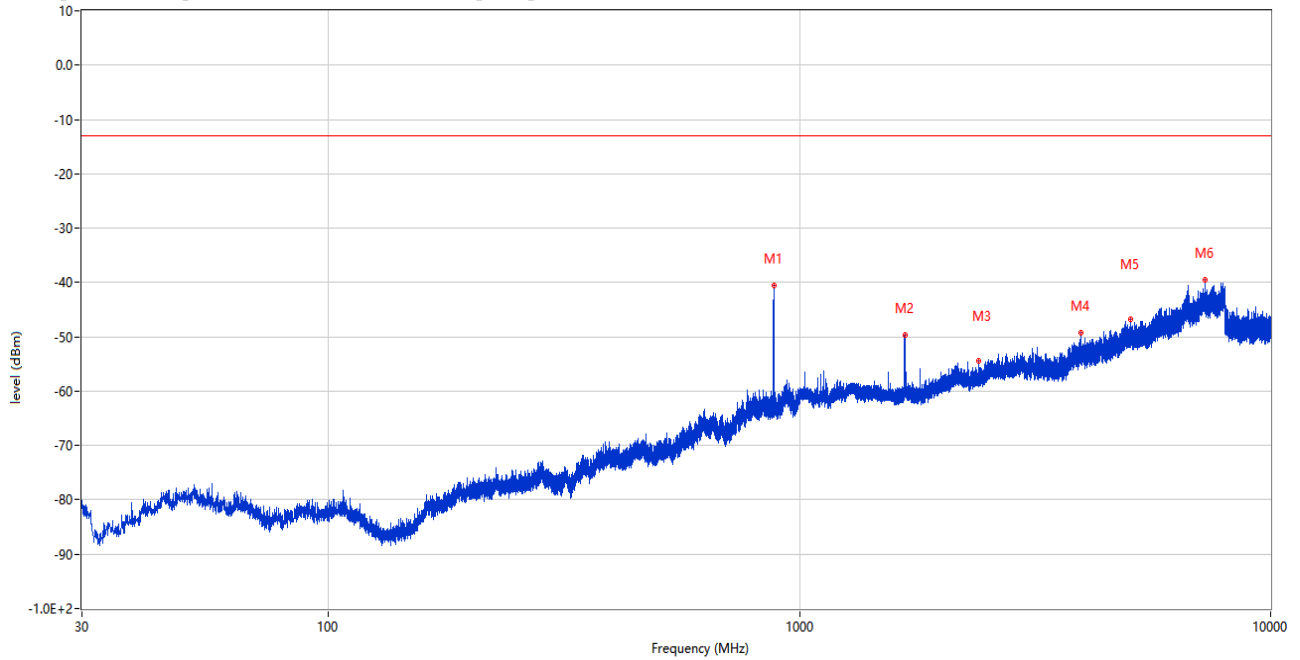
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 880.156         | -43.34       | 20.02       | -13.0       | 30.34       | 109.00    | Horizontal | Vertical | N/A     |
| 1671.700        | -51.87       | -5.43       | -13.0       | 38.87       | 124.00    | Horizontal | Vertical | Pass    |
| 2957.600        | -51.63       | 2.67        | -13.0       | 38.63       | 131.00    | Horizontal | Vertical | Pass    |
| 4189.000        | -49.27       | 6.95        | -13.0       | 36.27       | 230.00    | Horizontal | Vertical | Pass    |
| 6648.000        | -41.56       | 13.03       | -13.0       | 28.56       | 150.00    | Horizontal | Vertical | Pass    |
| 8940.100        | -44.28       | 9.06        | -13.0       | 31.28       | 271.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B5,Channel:MID range

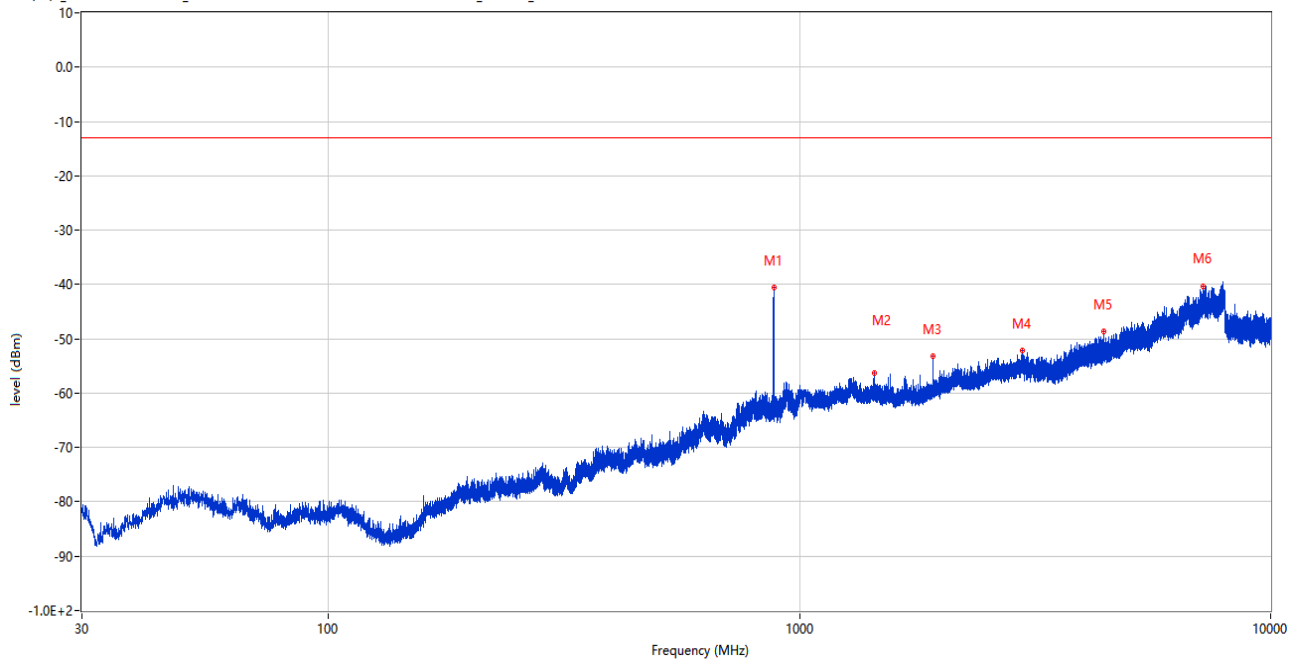
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 882.388         | -40.54       | 20.02       | -13.0       | 27.54       | 0.00      | Vertical | Vertical | N/A     |
| 1675.400        | -49.65       | -5.40       | -13.0       | 36.65       | 0.00      | Vertical | Vertical | Pass    |
| 2401.300        | -54.42       | -1.36       | -13.0       | 41.42       | 117.00    | Vertical | Vertical | Pass    |
| 3952.750        | -49.23       | 7.08        | -13.0       | 36.23       | 360.00    | Vertical | Vertical | Pass    |
| 5052.000        | -46.77       | 8.93        | -13.0       | 33.77       | 330.00    | Vertical | Vertical | Pass    |
| 7243.000        | -39.51       | 14.83       | -13.0       | 26.51       | 288.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B5,Channel:MID range

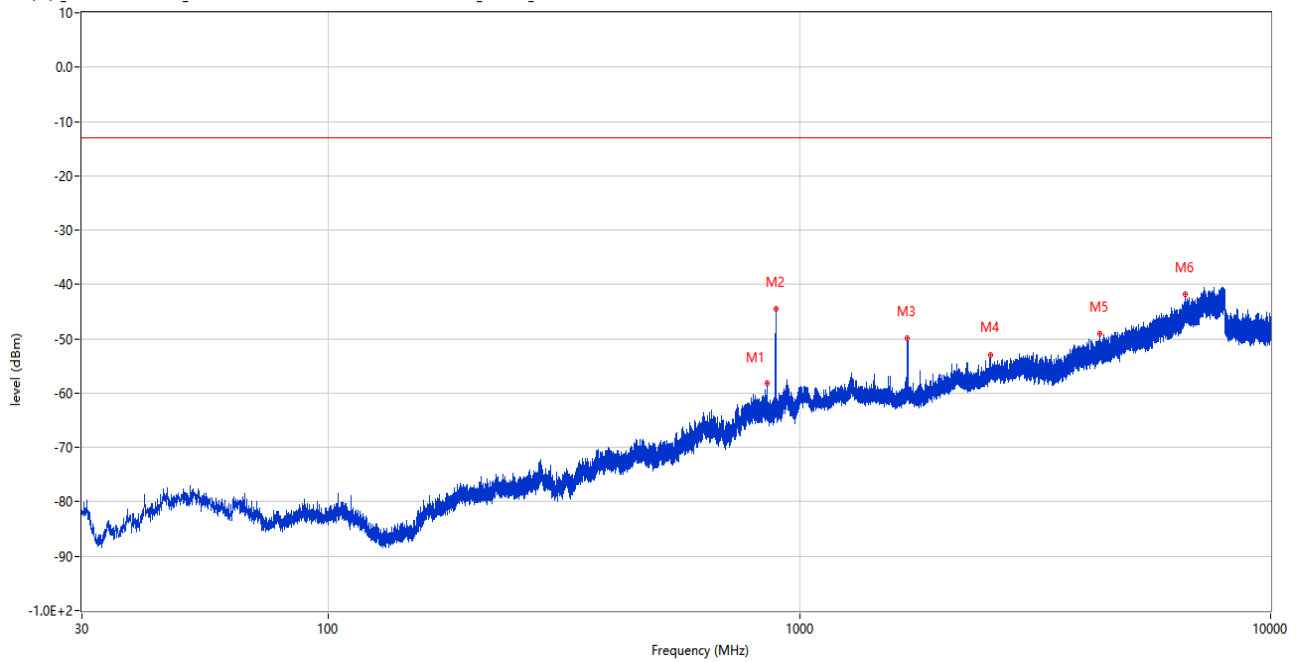
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 882.630         | -40.52       | 20.00       | -13.0       | 27.52       | 10.00     | Vertical | Horizontal | N/A     |
| 1440.900        | -56.27       | -5.04       | -13.0       | 43.27       | 344.00    | Vertical | Horizontal | Pass    |
| 1920.700        | -53.17       | -4.89       | -13.0       | 40.17       | 79.00     | Vertical | Horizontal | Pass    |
| 2978.700        | -52.19       | 1.81        | -13.0       | 39.19       | 183.00    | Vertical | Horizontal | Pass    |
| 4425.000        | -48.69       | 7.17        | -13.0       | 35.69       | 68.00     | Vertical | Horizontal | Pass    |
| 7178.000        | -40.43       | 14.13       | -13.0       | 27.43       | 268.00    | Vertical | Horizontal | Pass    |

## Band:WCDMA B5,Channel:HIGH range

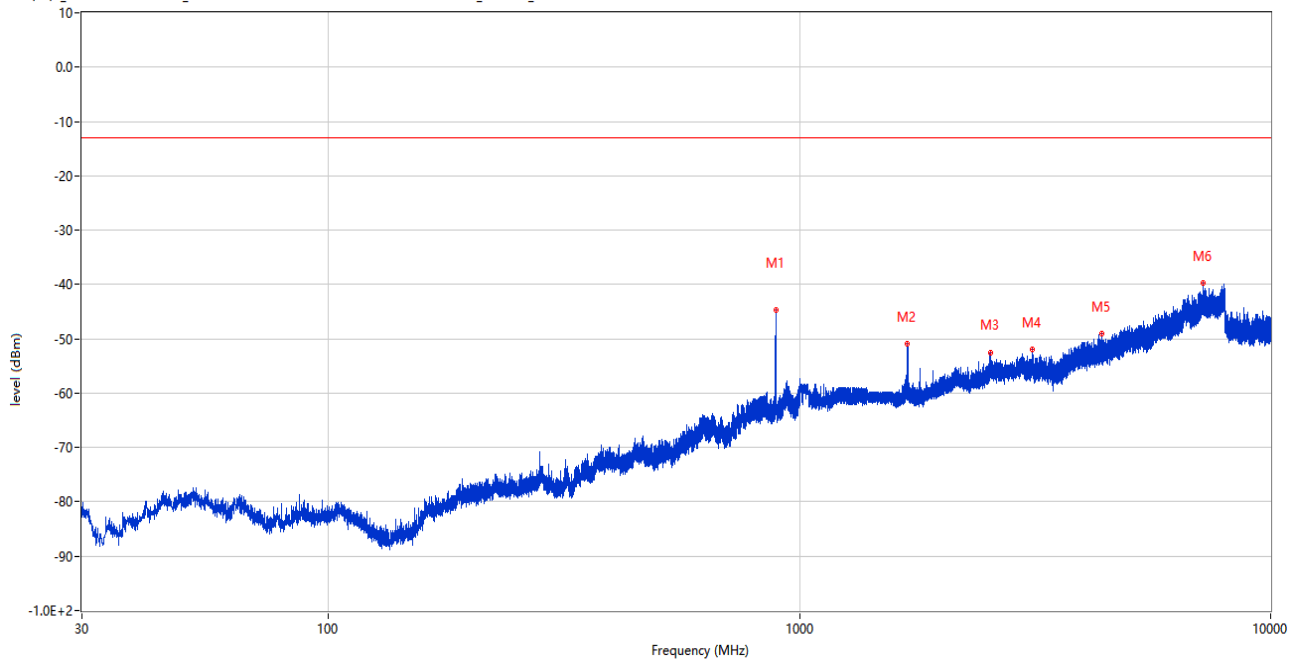
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 852.123         | -58.22       | 20.27       | -13.0       | 45.22       | 245.00    | Horizontal | Horizontal | N/A     |
| 890.584         | -44.52       | 20.86       | -13.0       | 31.52       | 316.00    | Horizontal | Horizontal | N/A     |
| 1695.800        | -49.87       | -4.89       | -13.0       | 36.87       | 248.00    | Horizontal | Horizontal | Pass    |
| 2543.100        | -52.87       | 0.24        | -13.0       | 39.87       | 153.00    | Horizontal | Horizontal | Pass    |
| 4349.750        | -48.99       | 7.28        | -13.0       | 35.99       | 12.00     | Horizontal | Horizontal | Pass    |
| 6585.250        | -41.83       | 13.90       | -13.0       | 28.83       | 360.00    | Horizontal | Horizontal | Pass    |

## Band:WCDMA B5,Channel:HIGH range

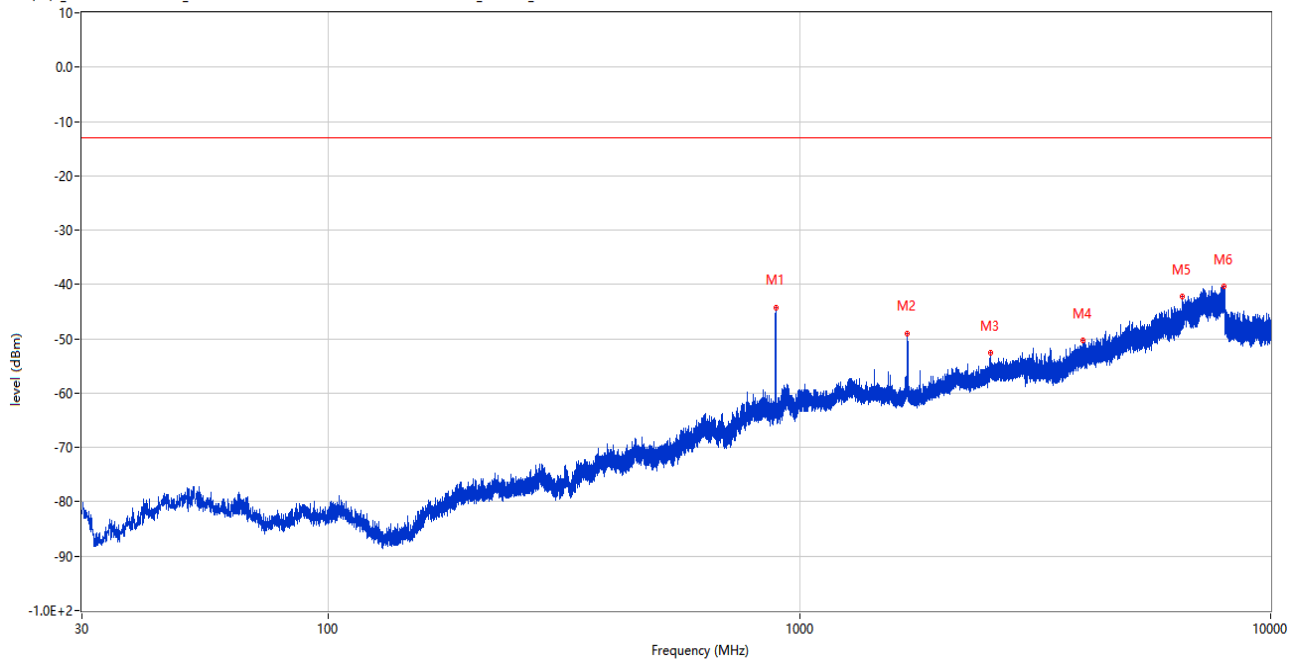
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 890.050         | -44.79       | 20.94       | -13.0       | 31.79       | 299.00    | Horizontal | Vertical | N/A     |
| 1696.600        | -50.89       | -4.99       | -13.0       | 37.89       | 158.00    | Horizontal | Vertical | Pass    |
| 2539.600        | -52.46       | 0.19        | -13.0       | 39.46       | 129.00    | Horizontal | Vertical | Pass    |
| 3118.250        | -51.97       | 4.49        | -13.0       | 38.97       | 51.00     | Horizontal | Vertical | Pass    |
| 4384.250        | -49.13       | 6.95        | -13.0       | 36.13       | 51.00     | Horizontal | Vertical | Pass    |
| 7181.500        | -39.80       | 14.14       | -13.0       | 26.80       | 285.00    | Horizontal | Vertical | Pass    |

## Band:WCDMA B5,Channel:HIGH range

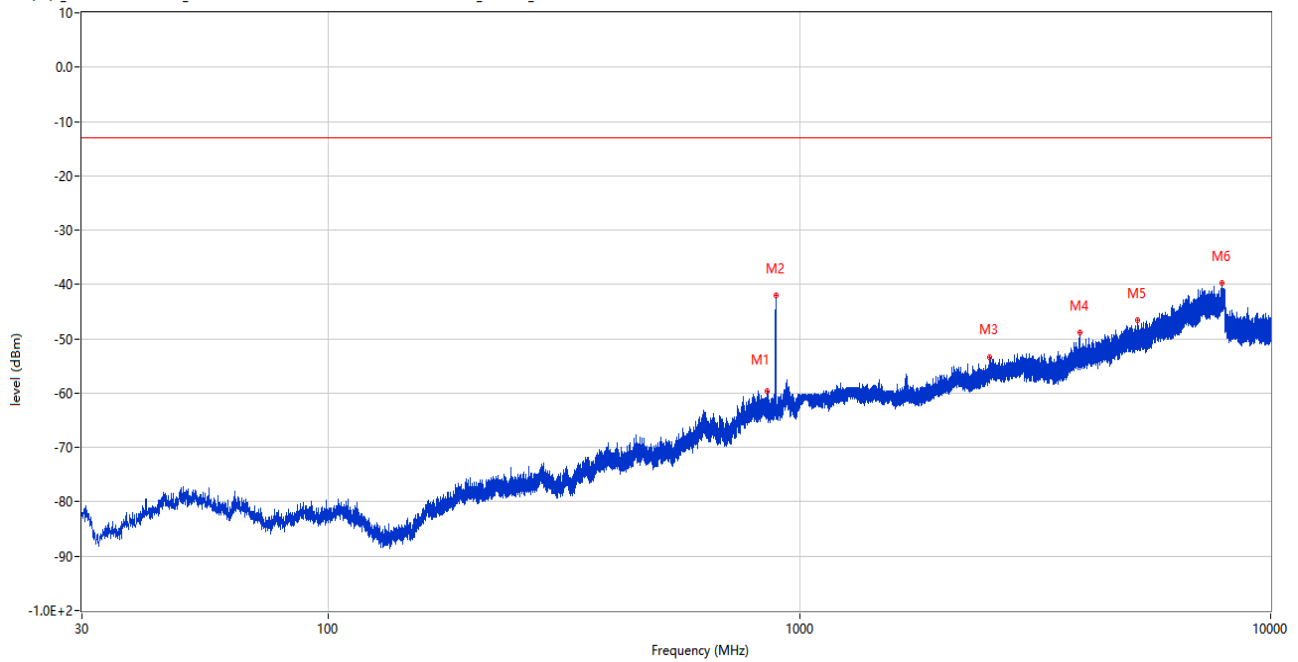
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 891.554         | -44.18       | 20.62       | -13.0       | 31.18       | 4.00      | Vertical | Vertical | N/A     |
| 1696.400        | -48.94       | -4.96       | -13.0       | 35.94       | 0.00      | Vertical | Vertical | Pass    |
| 2542.500        | -52.58       | 0.22        | -13.0       | 39.58       | 157.00    | Vertical | Vertical | Pass    |
| 4004.000        | -50.24       | 7.56        | -13.0       | 37.24       | 0.00      | Vertical | Vertical | Pass    |
| 6491.000        | -42.24       | 11.87       | -13.0       | 29.24       | 360.00    | Vertical | Vertical | Pass    |
| 7964.500        | -40.32       | 15.03       | -13.0       | 27.32       | 206.00    | Vertical | Vertical | Pass    |

## Band:WCDMA B5,Channel:HIGH range

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



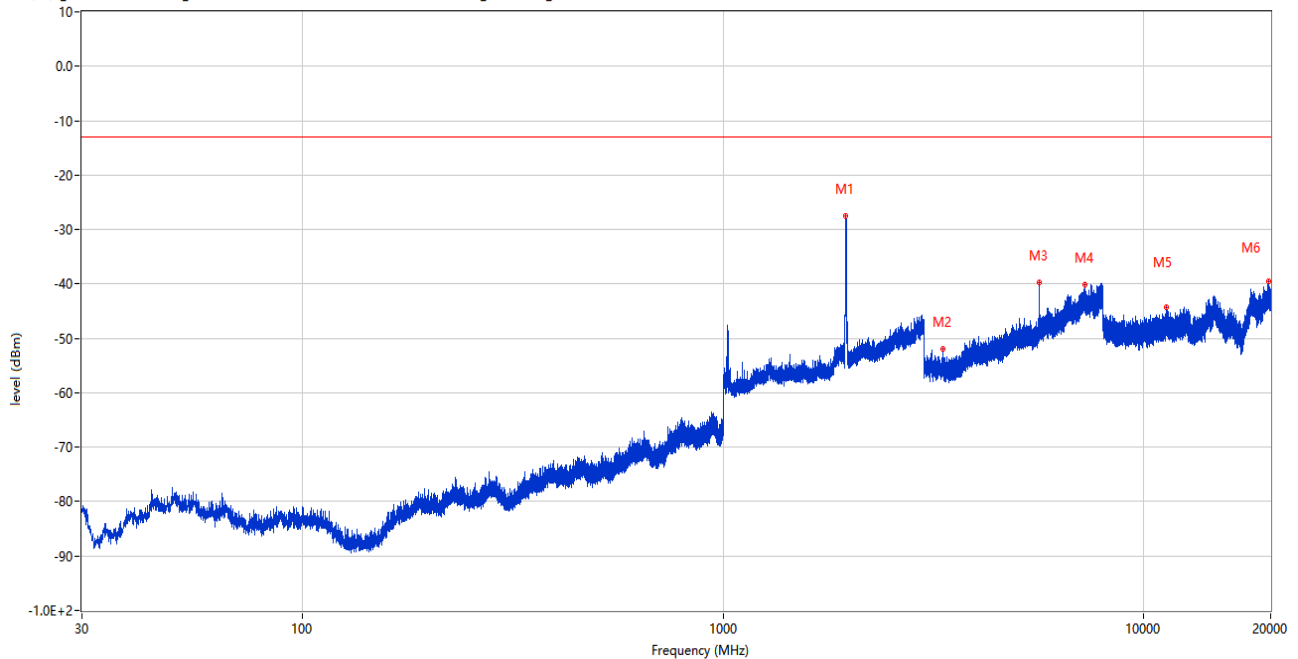
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 852.172         | -59.52       | 20.27       | -13.0       | 46.52       | 0.00      | Vertical | Horizontal | N/A     |
| 891.214         | -42.05       | 20.71       | -13.0       | 29.05       | 0.00      | Vertical | Horizontal | N/A     |
| 2537.100        | -53.42       | 0.05        | -13.0       | 40.42       | 213.00    | Vertical | Horizontal | Pass    |
| 3937.000        | -48.78       | 7.14        | -13.0       | 35.78       | 267.00    | Vertical | Horizontal | Pass    |
| 5224.250        | -46.62       | 8.39        | -13.0       | 33.62       | 33.00     | Vertical | Horizontal | Pass    |
| 7890.000        | -39.81       | 15.01       | -13.0       | 26.81       | 360.00    | Vertical | Horizontal | Pass    |

## 2. LTE

### 2.1 LTE Band 2

Band:LTE B2,Channel:MID range ,BW20M

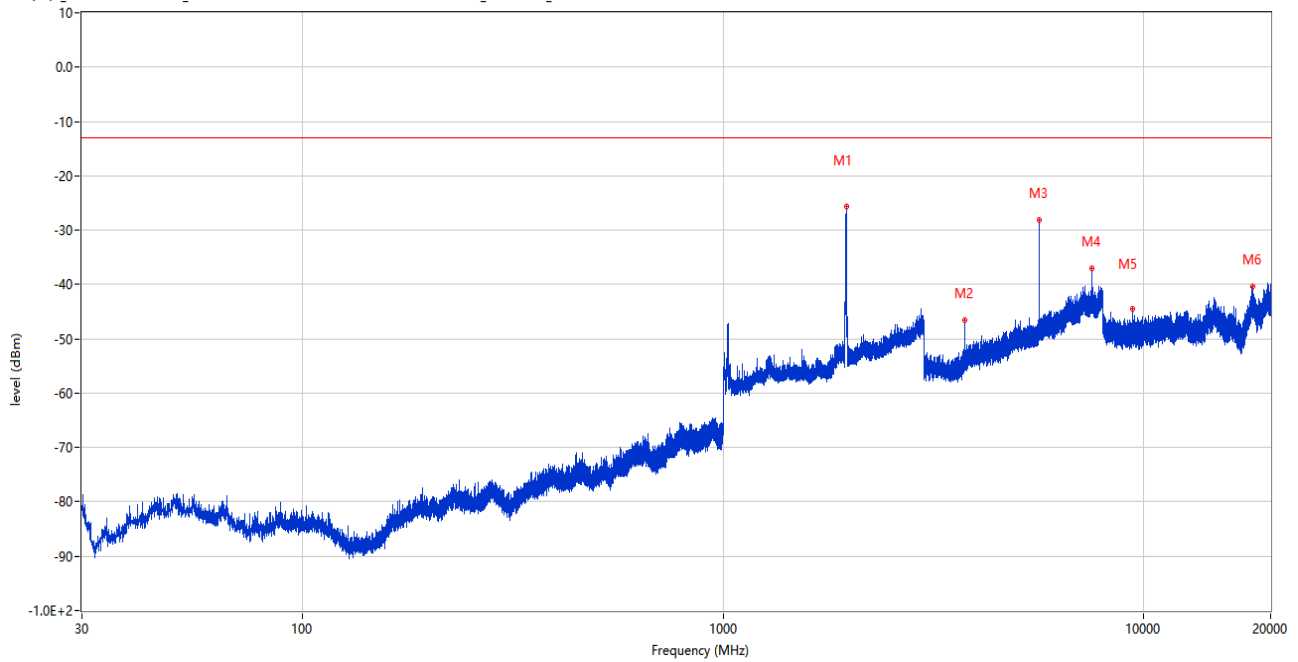
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1957.100        | -27.53       | 1.18        | -13.0       | 14.53       | 243.00    | Horizontal | Horizontal | N/A     |
| 3330.500        | -51.85       | 4.60        | -13.0       | 38.85       | 113.00    | Horizontal | Horizontal | Pass    |
| 5640.750        | -39.79       | 9.85        | -13.0       | 26.79       | 347.00    | Horizontal | Horizontal | Pass    |
| 7241.250        | -40.16       | 14.72       | -13.0       | 27.16       | 313.00    | Horizontal | Horizontal | Pass    |
| 11297.688       | -44.28       | 9.43        | -13.0       | 31.28       | 347.00    | Horizontal | Horizontal | Pass    |
| 19791.198       | -39.58       | 15.67       | -13.0       | 26.58       | 116.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B2,Channel:MID range,BW20M

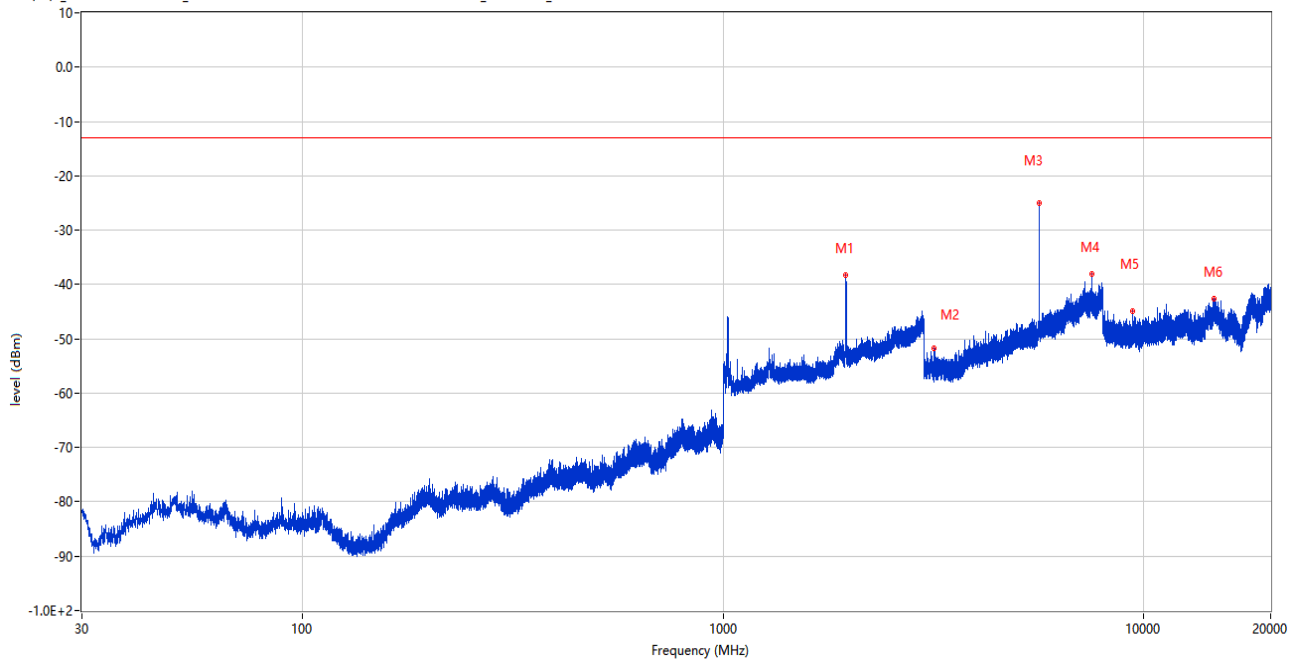
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1969.200        | -25.61       | 1.10        | -13.0       | 12.61       | 85.00     | Horizontal | Vertical | N/A     |
| 3760.500        | -46.65       | 5.20        | -13.0       | 33.65       | 111.00    | Horizontal | Vertical | Pass    |
| 5640.750        | -28.19       | 9.85        | -13.0       | 15.19       | 111.00    | Horizontal | Vertical | Pass    |
| 7521.000        | -37.10       | 14.51       | -13.0       | 24.10       | 91.00     | Horizontal | Vertical | Pass    |
| 9400.776        | -44.54       | 9.25        | -13.0       | 31.54       | 217.00    | Horizontal | Vertical | Pass    |
| 18170.462       | -40.36       | 15.53       | -13.0       | 27.36       | 54.00     | Horizontal | Vertical | Pass    |

## Band:LTE B2,Channel:MID range,BW20M

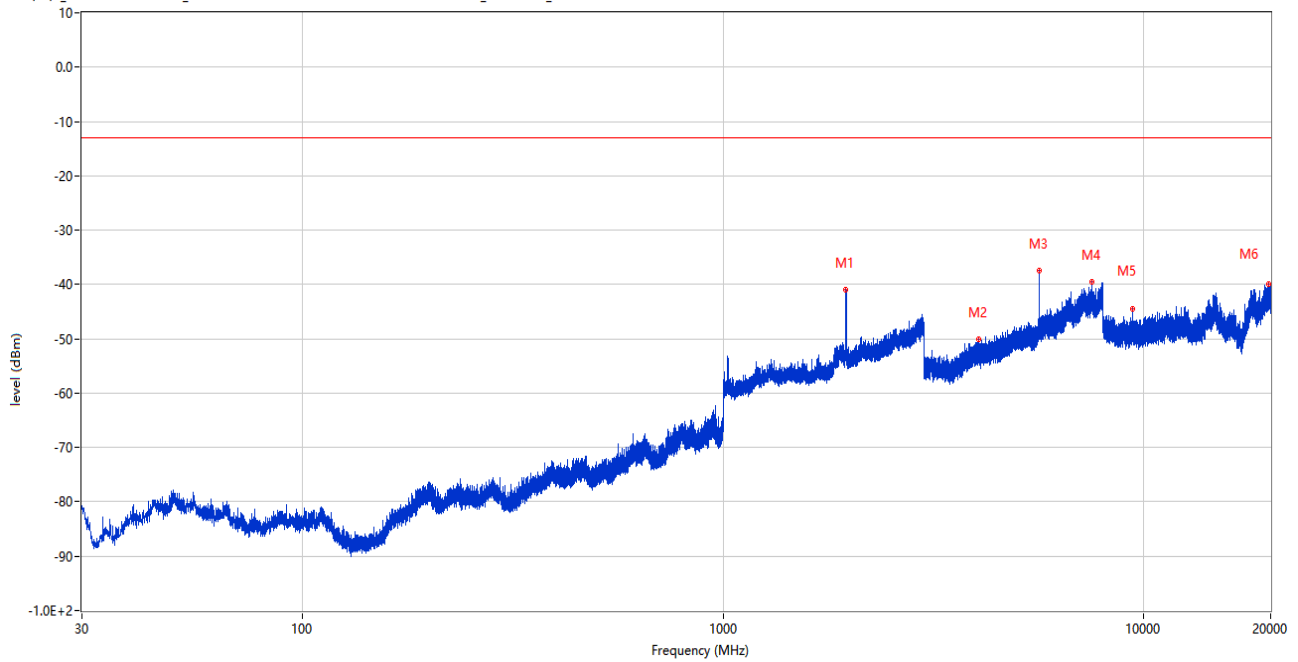
RSE (RF) \_FCC PART22&24&27\_CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 \_1830-1920\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1959.000        | -38.35       | 1.29        | -13.0       | 25.35       | 359.00    | Vertical | Vertical | N/A     |
| 3164.500        | -51.78       | 3.21        | -13.0       | 38.78       | 93.00     | Vertical | Vertical | Pass    |
| 5641.000        | -25.06       | 9.86        | -13.0       | 12.06       | 296.00    | Vertical | Vertical | Pass    |
| 7521.250        | -38.13       | 14.51       | -13.0       | 25.13       | 194.00    | Vertical | Vertical | Pass    |
| 9401.250        | -44.83       | 9.24        | -13.0       | 31.83       | 321.00    | Vertical | Vertical | Pass    |
| 14660.737       | -42.64       | 17.20       | -13.0       | 29.64       | 87.00     | Vertical | Vertical | Pass    |

## Band:LTE B2,Channel:MID range,BW20M

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

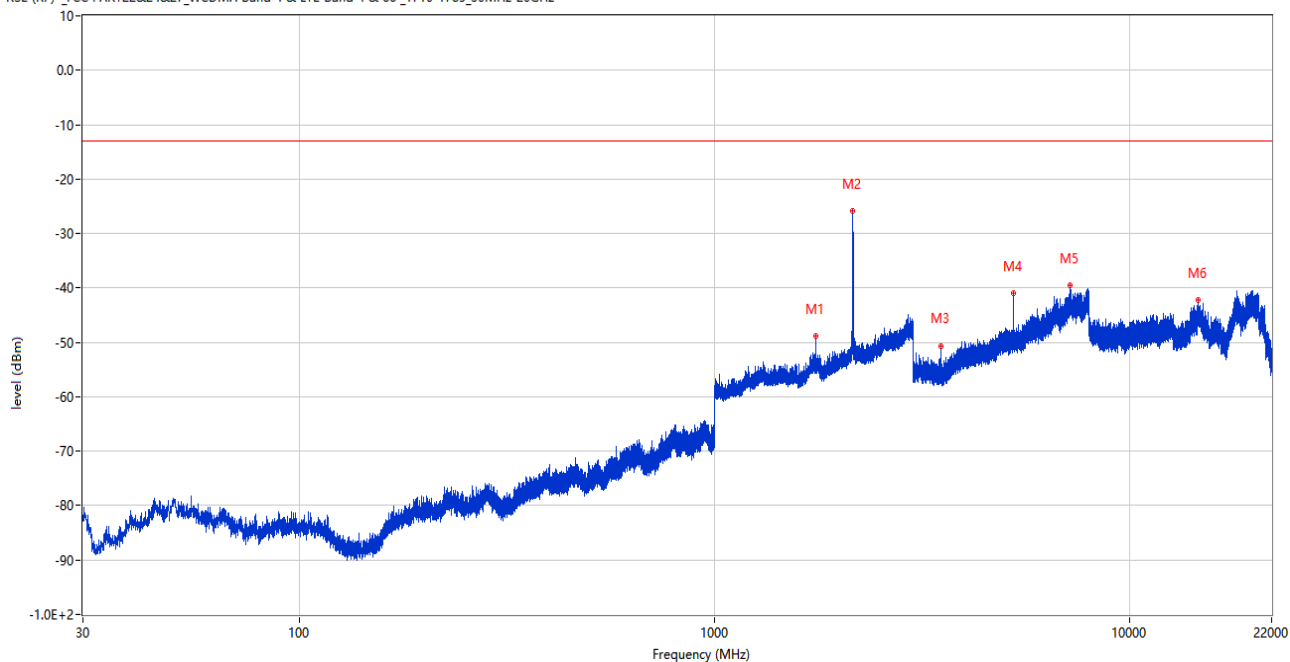


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 1954.400        | -41.04       | 1.10        | -13.0       | 28.04       | 212.00    | Vertical | Horizontal | N/A     |
| 4047.250        | -50.08       | 6.91        | -13.0       | 37.08       | 169.00    | Vertical | Horizontal | Pass    |
| 5641.000        | -37.40       | 9.86        | -13.0       | 24.40       | 111.00    | Vertical | Horizontal | Pass    |
| 7521.000        | -39.59       | 14.51       | -13.0       | 26.59       | 307.00    | Vertical | Horizontal | Pass    |
| 9401.012        | -44.47       | 9.25        | -13.0       | 31.47       | 324.00    | Vertical | Horizontal | Pass    |
| 19743.713       | -39.91       | 15.66       | -13.0       | 26.91       | 56.00     | Vertical | Horizontal | Pass    |

## 2.2 LTE Band 4

Band:LTE B4,Channel:HIGH range,BW10M

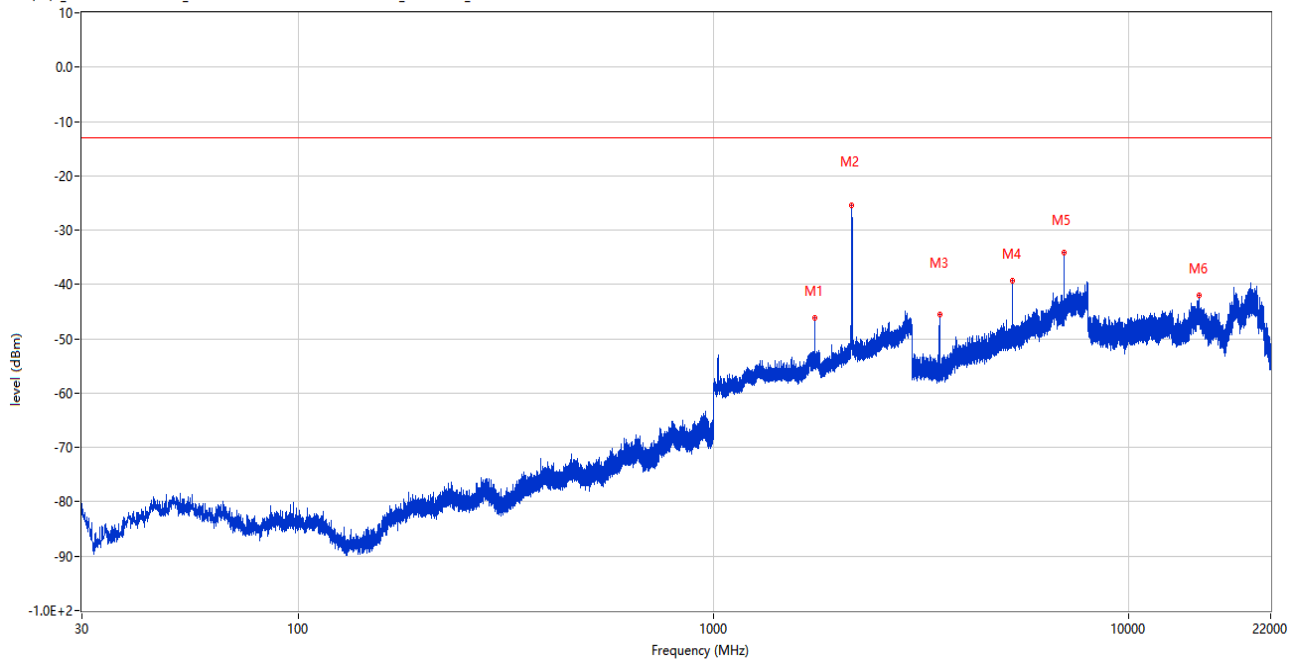
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 1750.900        | -48.91       | 0.99        | -13.0       | 35.91       | 183.00    | Horizontal | Horizontal | N/A     |
| 2150.500        | -25.85       | 3.13        | -13.0       | 12.85       | 226.00    | Horizontal | Horizontal | N/A     |
| 3500.750        | -50.60       | 4.56        | -13.0       | 37.60       | 0.00      | Horizontal | Horizontal | Pass    |
| 5251.000        | -40.94       | 8.57        | -13.0       | 27.94       | 160.00    | Horizontal | Horizontal | Pass    |
| 7200.500        | -39.57       | 14.24       | -13.0       | 26.57       | 205.00    | Horizontal | Horizontal | Pass    |
| 14650.412       | -42.28       | 17.61       | -13.0       | 29.28       | 340.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B4,Channel:HIGH range,BW10M

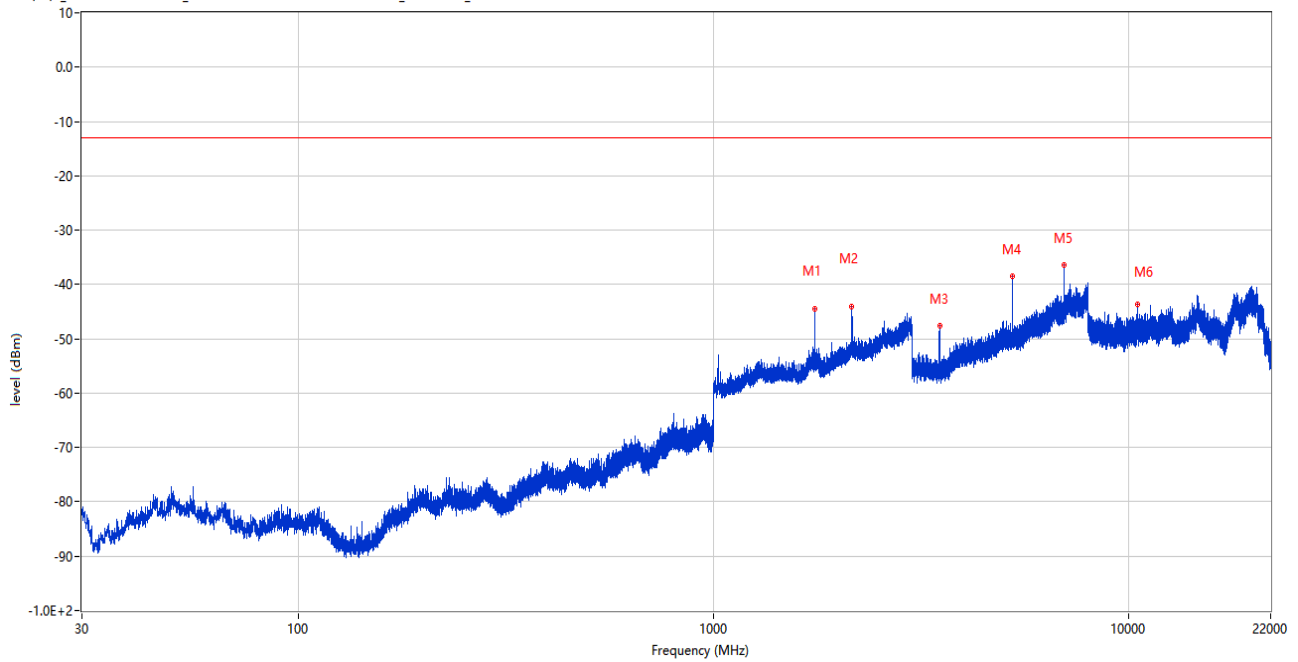
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 1751.000        | -46.20       | 0.99        | -13.0       | 33.20       | 126.00    | Horizontal | Vertical | N/A     |
| 2151.000        | -25.45       | 3.13        | -13.0       | 12.45       | 238.00    | Horizontal | Vertical | N/A     |
| 3500.750        | -45.42       | 4.56        | -13.0       | 32.42       | 104.00    | Horizontal | Vertical | Pass    |
| 5251.000        | -39.31       | 8.57        | -13.0       | 26.31       | 285.00    | Horizontal | Vertical | Pass    |
| 7001.000        | -34.17       | 12.65       | -13.0       | 21.17       | 194.00    | Horizontal | Vertical | Pass    |
| 14804.888       | -42.07       | 17.21       | -13.0       | 29.07       | 316.00    | Horizontal | Vertical | Pass    |

## Band:LTE B4,Channel:HIGH range,BW10M

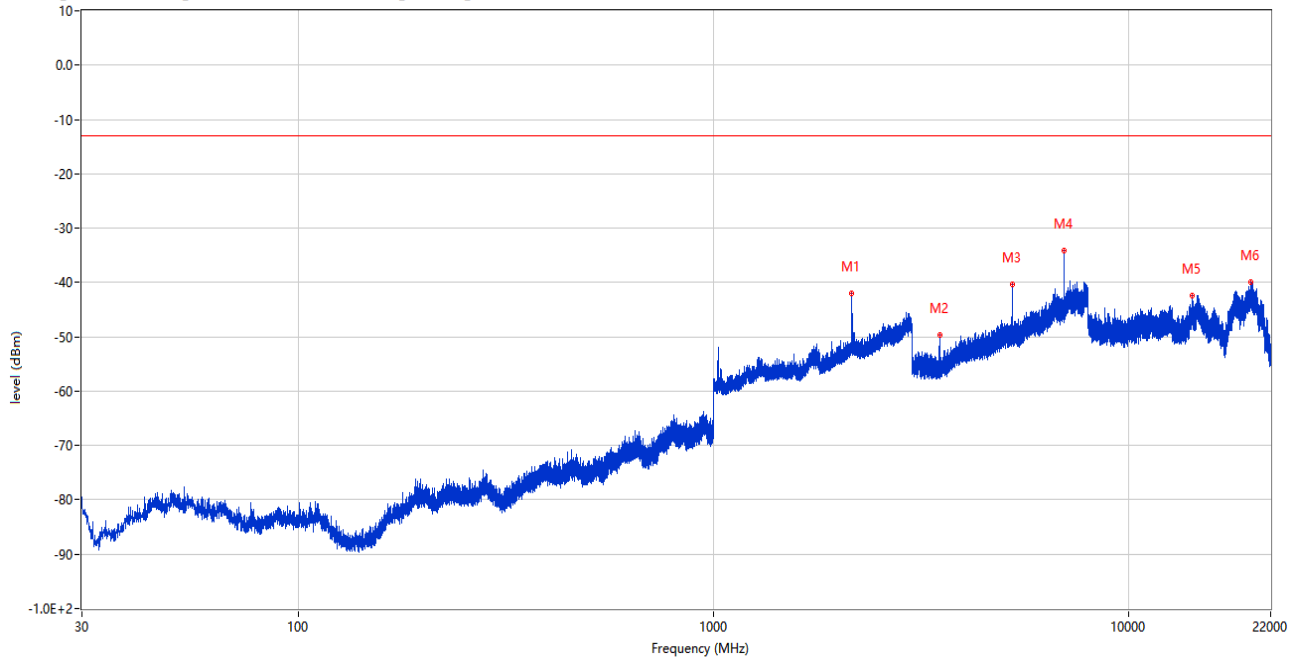
RSE (RF) \_FCC PART22&24&27\_WCDMA Band 4 & LTE Band 4 & 66 \_1710-1785\_30MHz-20GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 1751.000        | -44.43       | 0.99        | -13.0       | 31.43       | 250.00    | Vertical | Vertical | N/A     |
| 2147.900        | -43.97       | 3.34        | -13.0       | 30.97       | 360.00    | Vertical | Vertical | N/A     |
| 3500.750        | -47.52       | 4.56        | -13.0       | 34.52       | 143.00    | Vertical | Vertical | Pass    |
| 5250.750        | -38.49       | 8.56        | -13.0       | 25.49       | 300.00    | Vertical | Vertical | Pass    |
| 7001.250        | -36.43       | 12.69       | -13.0       | 23.43       | 30.00     | Vertical | Vertical | Pass    |
| 10501.349       | -43.72       | 9.03        | -13.0       | 30.72       | 126.00    | Vertical | Vertical | Pass    |

## Band:LTE B4,Channel:HIGH range,BW10M

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

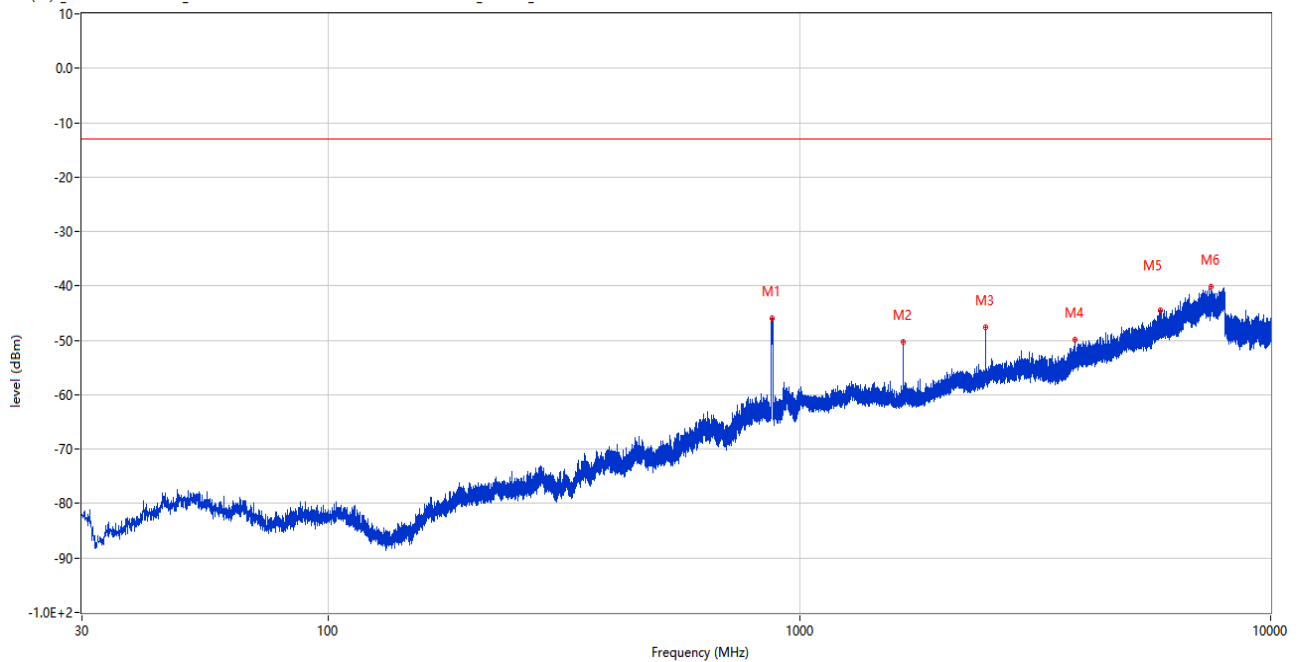


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2147.200        | -42.06       | 3.29        | -13.0       | 29.06       | 80.00     | Vertical | Horizontal | N/A     |
| 3500.750        | -49.75       | 4.56        | -13.0       | 36.75       | 360.00    | Vertical | Horizontal | Pass    |
| 5251.000        | -40.38       | 8.57        | -13.0       | 27.38       | 146.00    | Vertical | Horizontal | Pass    |
| 7001.250        | -34.12       | 12.69       | -13.0       | 21.12       | 353.00    | Vertical | Horizontal | Pass    |
| 14250.812       | -42.32       | 15.42       | -13.0       | 29.32       | 335.00    | Vertical | Horizontal | Pass    |
| 19673.625       | -39.94       | 15.66       | -13.0       | 26.94       | 126.00    | Vertical | Horizontal | Pass    |

## 2.3 LTE Band 5

Band:LTE B5,Channel:LOW range,BW10M

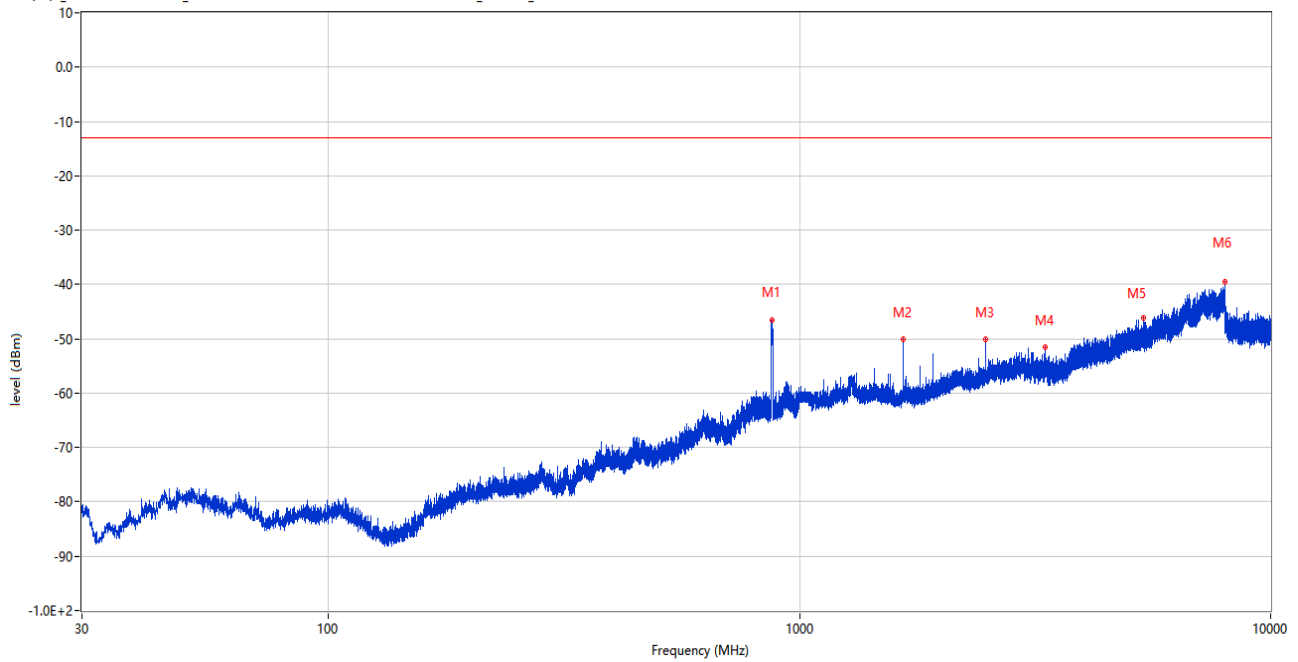
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 876.325         | -45.91       | 19.85       | -13.0       | 32.91       | 195.00    | Horizontal | Horizontal | N/A     |
| 1659.100        | -50.33       | -5.53       | -13.0       | 37.33       | 177.00    | Horizontal | Horizontal | Pass    |
| 2488.000        | -47.58       | -0.60       | -13.0       | 34.58       | 86.00     | Horizontal | Horizontal | Pass    |
| 3837.750        | -49.81       | 6.19        | -13.0       | 36.81       | 137.00    | Horizontal | Horizontal | Pass    |
| 5825.250        | -44.47       | 10.23       | -13.0       | 31.47       | 3.00      | Horizontal | Horizontal | Pass    |
| 7477.750        | -40.08       | 13.96       | -13.0       | 27.08       | 50.00     | Horizontal | Horizontal | Pass    |

Band:LTE B5,Channel:LOW range,BW10M

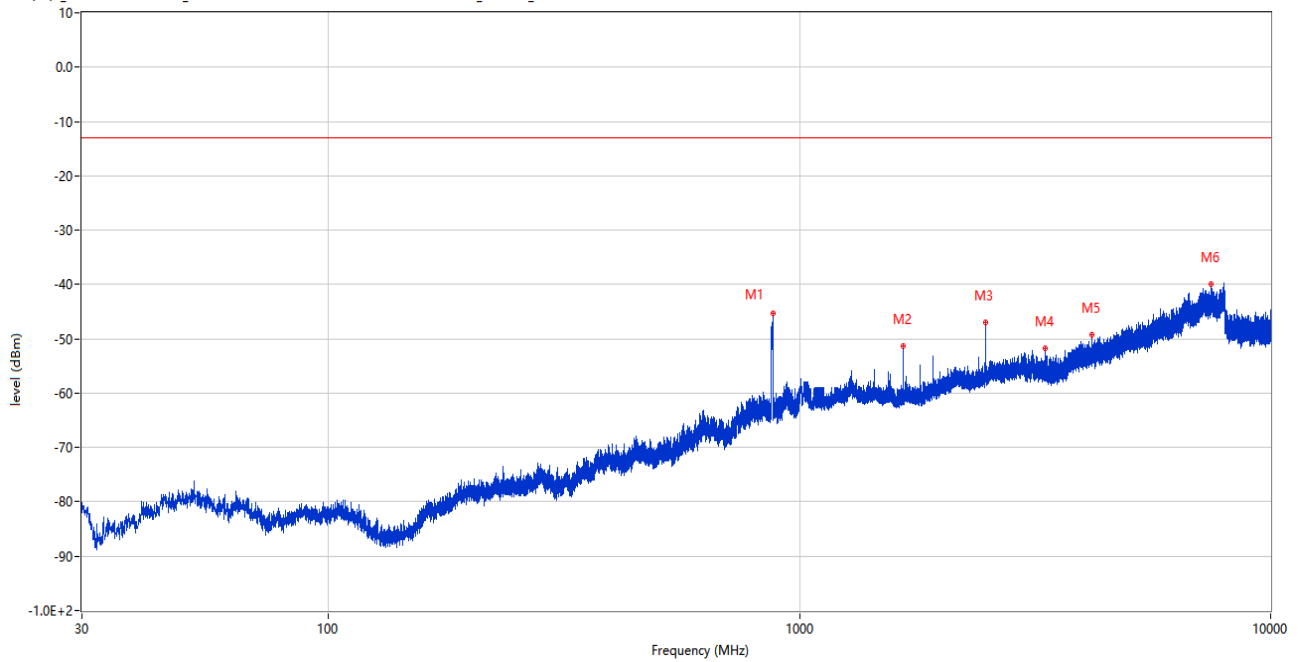
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 873.027         | -46.47       | 20.18       | -13.0       | 33.47       | 118.00    | Horizontal | Vertical | N/A     |
| 1659.100        | -50.04       | -5.53       | -13.0       | 37.04       | 142.00    | Horizontal | Vertical | Pass    |
| 2488.100        | -50.11       | -0.60       | -13.0       | 37.11       | 361.00    | Horizontal | Vertical | Pass    |
| 3317.000        | -51.54       | 3.36        | -13.0       | 38.54       | 167.00    | Horizontal | Vertical | Pass    |
| 5384.500        | -46.24       | 8.71        | -13.0       | 33.24       | 341.00    | Horizontal | Vertical | Pass    |
| 7984.500        | -39.58       | 14.81       | -13.0       | 26.58       | 0.00      | Horizontal | Vertical | Pass    |

Band:LTE B5,Channel:LOW range,BW10M

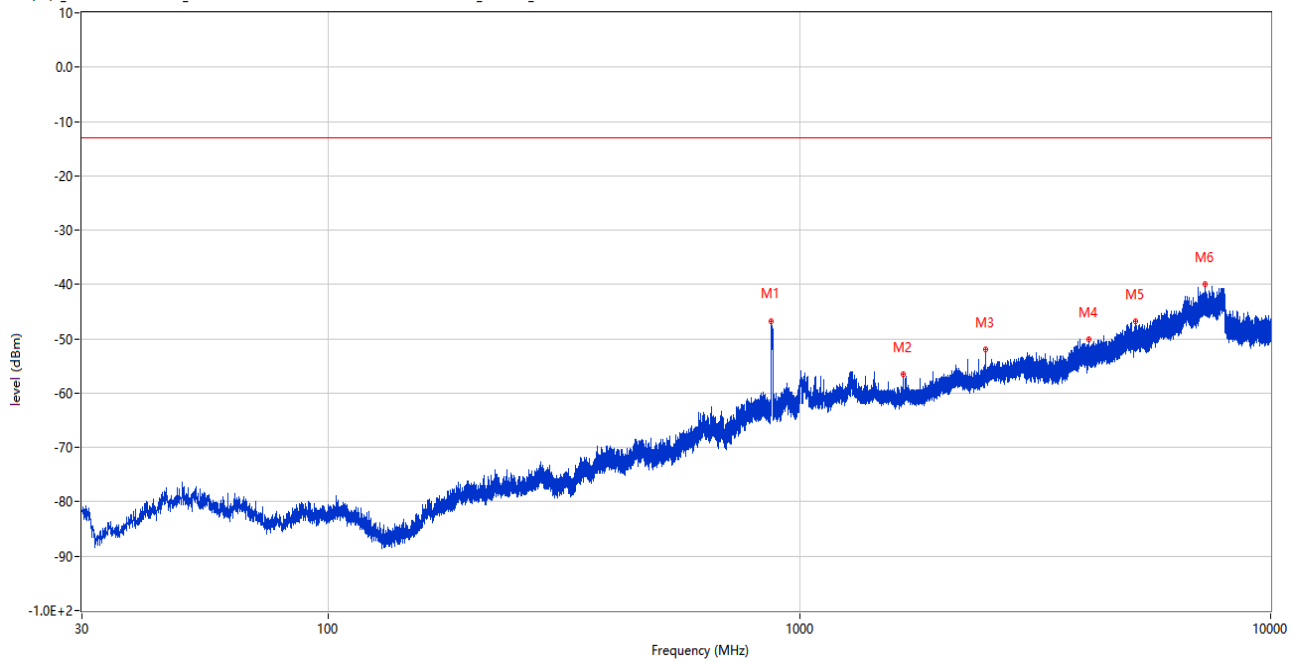
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 878.265         | -45.33       | 19.91       | -13.0       | 32.33       | 3.00      | Vertical | Vertical | N/A     |
| 1658.900        | -51.39       | -5.54       | -13.0       | 38.39       | 201.00    | Vertical | Vertical | Pass    |
| 2488.100        | -47.01       | -0.60       | -13.0       | 34.01       | 158.00    | Vertical | Vertical | Pass    |
| 3317.250        | -51.83       | 3.34        | -13.0       | 38.83       | 80.00     | Vertical | Vertical | Pass    |
| 4170.250        | -49.33       | 6.90        | -13.0       | 36.33       | 28.00     | Vertical | Vertical | Pass    |
| 7480.750        | -40.01       | 13.97       | -13.0       | 27.01       | 186.00    | Vertical | Vertical | Pass    |

## Band:LTE B5,Channel:LOW range,BW10M

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

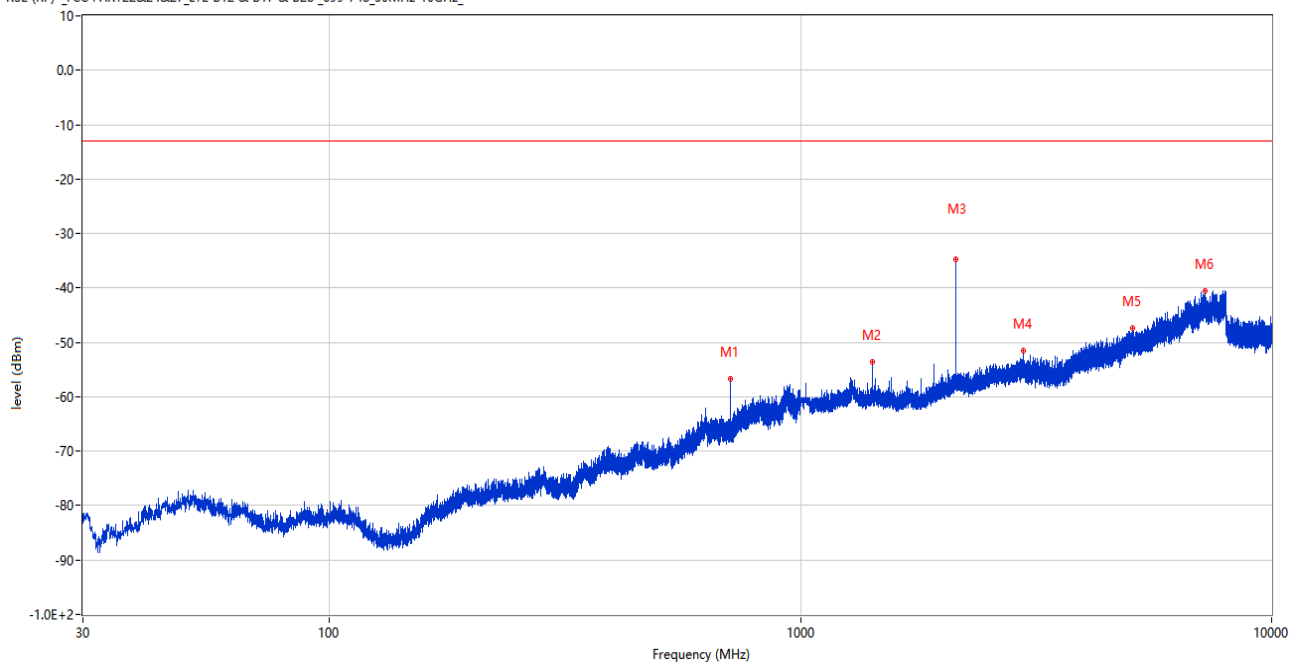


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 872.396         | -46.67       | 20.17       | -13.0       | 33.67       | 1.00      | Vertical | Horizontal | N/A     |
| 1658.800        | -56.46       | -5.54       | -13.0       | 43.46       | 192.00    | Vertical | Horizontal | Pass    |
| 2487.900        | -51.95       | -0.60       | -13.0       | 38.95       | 240.00    | Vertical | Horizontal | Pass    |
| 4113.250        | -50.10       | 6.89        | -13.0       | 37.10       | 136.00    | Vertical | Horizontal | Pass    |
| 5174.750        | -46.78       | 8.72        | -13.0       | 33.78       | 349.00    | Vertical | Horizontal | Pass    |
| 7257.500        | -39.89       | 14.36       | -13.0       | 26.89       | 360.00    | Vertical | Horizontal | Pass    |

## 2.4 LTE Band 12

Band:LTE B12,Channel:HIGH range,BW10M

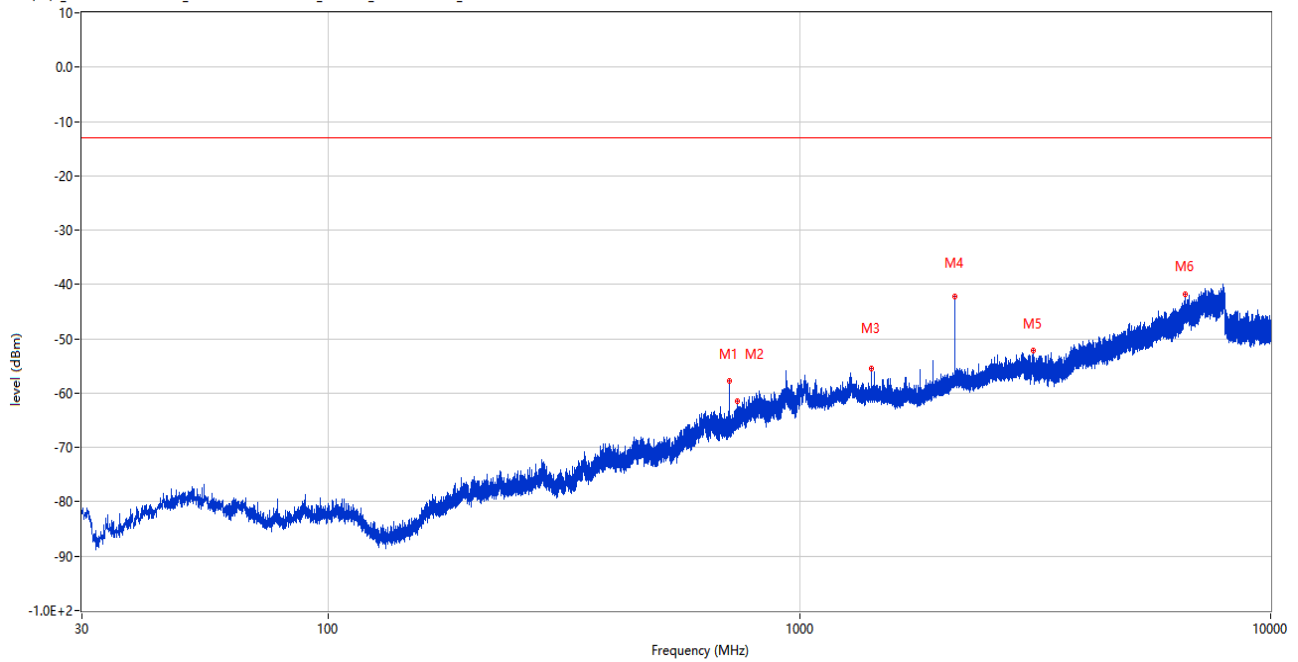
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 711.037         | -56.76       | 17.16       | -13.0       | 43.76       | 215.00    | Horizontal | Horizontal | N/A     |
| 1422.900        | -53.60       | -5.43       | -13.0       | 40.60       | 32.00     | Horizontal | Horizontal | Pass    |
| 2134.000        | -34.76       | -2.29       | -13.0       | 21.76       | 180.00    | Horizontal | Horizontal | Pass    |
| 2966.600        | -51.50       | 2.50        | -13.0       | 38.50       | 51.00     | Horizontal | Horizontal | Pass    |
| 5075.750        | -47.43       | 9.88        | -13.0       | 34.43       | 3.00      | Horizontal | Horizontal | Pass    |
| 7206.750        | -40.61       | 14.32       | -13.0       | 27.61       | 46.00     | Horizontal | Horizontal | Pass    |

Band:LTE B12,Channel:HIGH range,BW10M

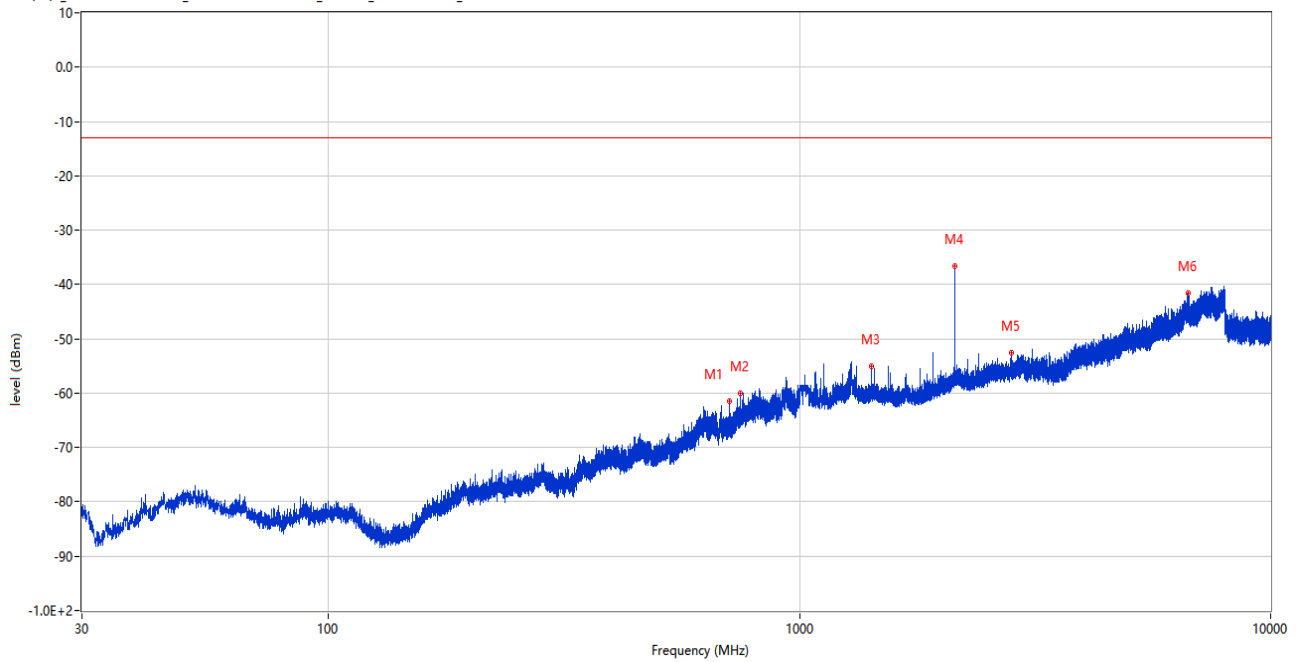
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 711.037         | -57.75       | 17.16       | -13.0       | 44.75       | 164.00    | Horizontal | Vertical | N/A     |
| 739.798         | -61.42       | 18.91       | -13.0       | 48.42       | 22.00     | Horizontal | Vertical | N/A     |
| 1423.000        | -55.49       | -5.44       | -13.0       | 42.49       | 356.00    | Horizontal | Vertical | Pass    |
| 2134.000        | -42.17       | -2.29       | -13.0       | 29.17       | 139.00    | Horizontal | Vertical | Pass    |
| 3131.500        | -52.25       | 4.18        | -13.0       | 39.25       | 314.00    | Horizontal | Vertical | Pass    |
| 6575.500        | -41.71       | 13.15       | -13.0       | 28.71       | 109.00    | Horizontal | Vertical | Pass    |

Band:LTE B12,Channel:HIGH range,BW10M

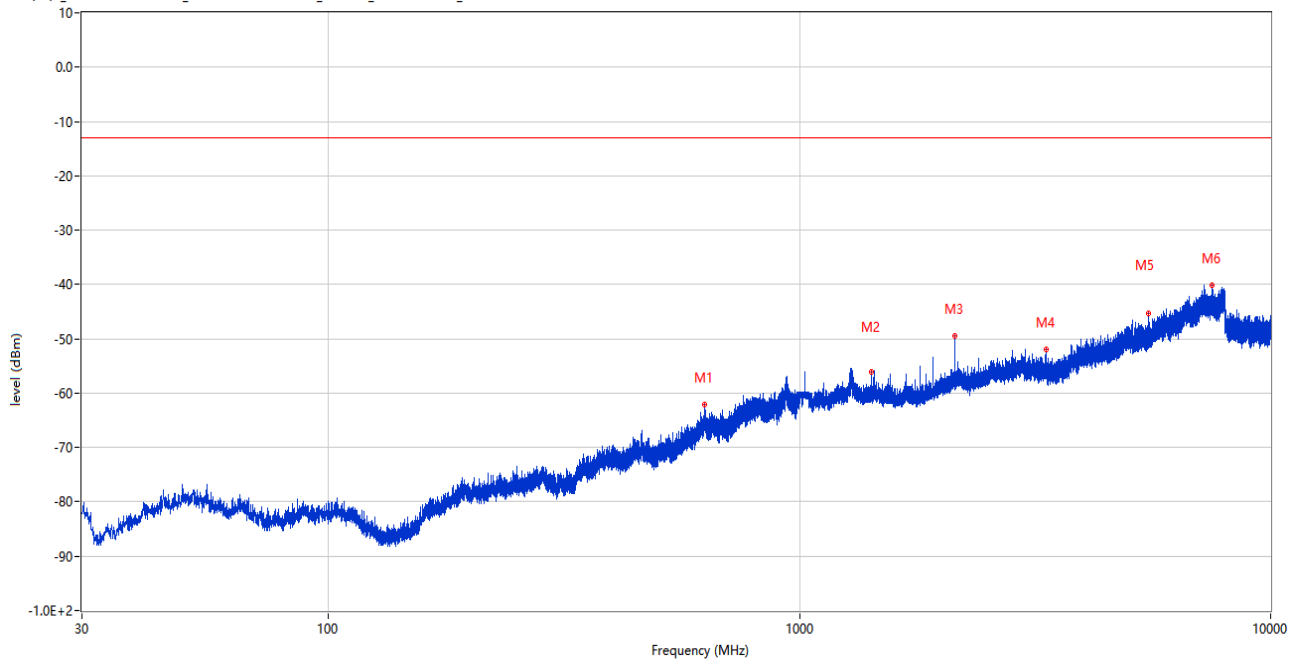
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 711.134         | -61.41       | 17.16       | -13.0       | 48.41       | 318.00    | Vertical | Vertical | N/A     |
| 749.692         | -59.94       | 19.23       | -13.0       | 46.94       | 160.00    | Vertical | Vertical | N/A     |
| 1422.800        | -54.98       | -5.43       | -13.0       | 41.98       | 177.00    | Vertical | Vertical | Pass    |
| 2134.100        | -36.54       | -2.28       | -13.0       | 23.54       | 234.00    | Vertical | Vertical | Pass    |
| 2815.300        | -52.59       | 0.82        | -13.0       | 39.59       | 63.00     | Vertical | Vertical | Pass    |
| 6697.750        | -41.58       | 13.35       | -13.0       | 28.58       | 125.00    | Vertical | Vertical | Pass    |

Band:LTE B12,Channel:HIGH range,BW10M

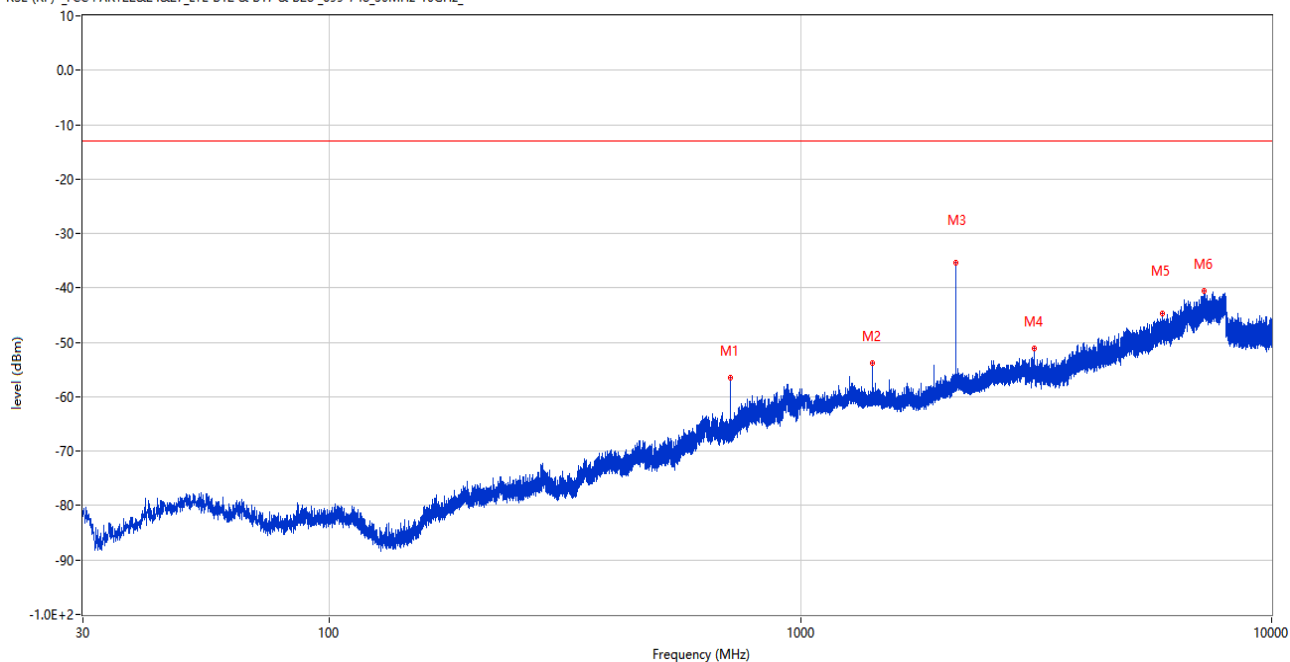
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



## 2.5 LTE Band 17

Band:LTE B17,Channel:HIGH range,BW10M

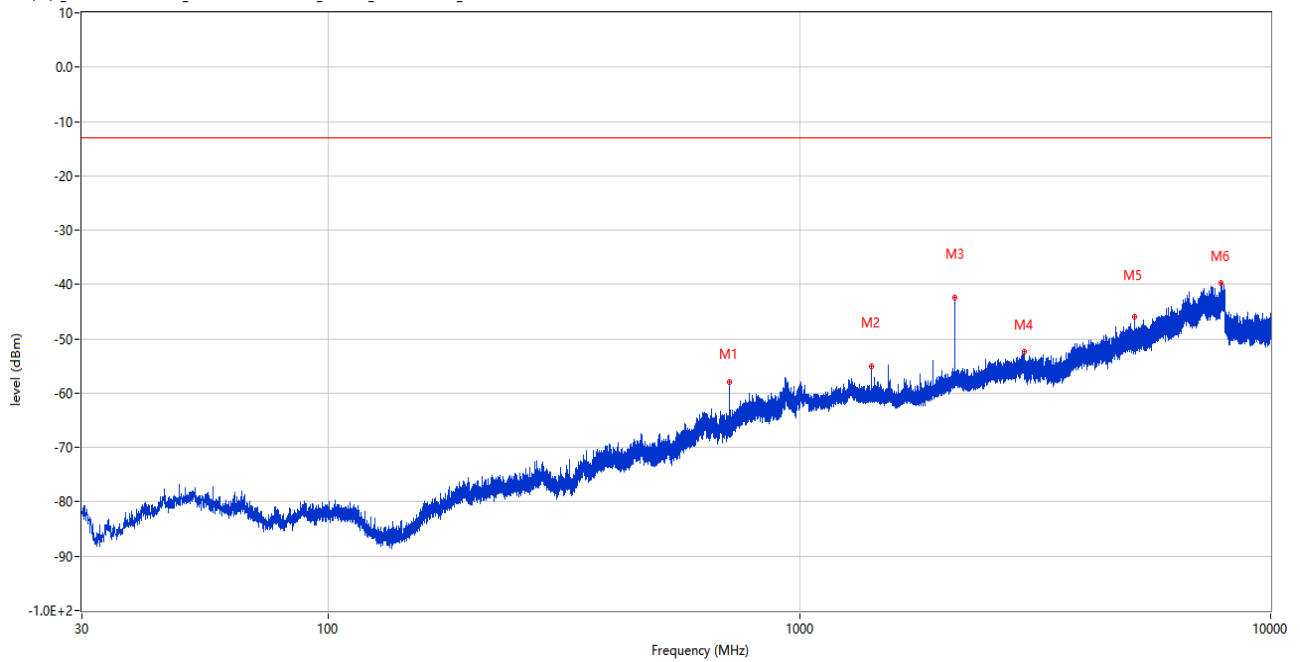
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 711.086         | -56.52       | 17.16       | -13.0       | 43.52       | 210.00    | Horizontal | Horizontal | N/A     |
| 1422.900        | -53.81       | -5.43       | -13.0       | 40.81       | 176.00    | Horizontal | Horizontal | Pass    |
| 2133.900        | -35.37       | -2.30       | -13.0       | 22.37       | 196.00    | Horizontal | Horizontal | Pass    |
| 3131.750        | -51.19       | 4.17        | -13.0       | 38.19       | 3.00      | Horizontal | Horizontal | Pass    |
| 5871.500        | -44.75       | 11.05       | -13.0       | 31.75       | 1.00      | Horizontal | Horizontal | Pass    |
| 7198.500        | -40.53       | 14.28       | -13.0       | 27.53       | 1.00      | Horizontal | Horizontal | Pass    |

Band:LTE B17,Channel:HIGH range,BW10M

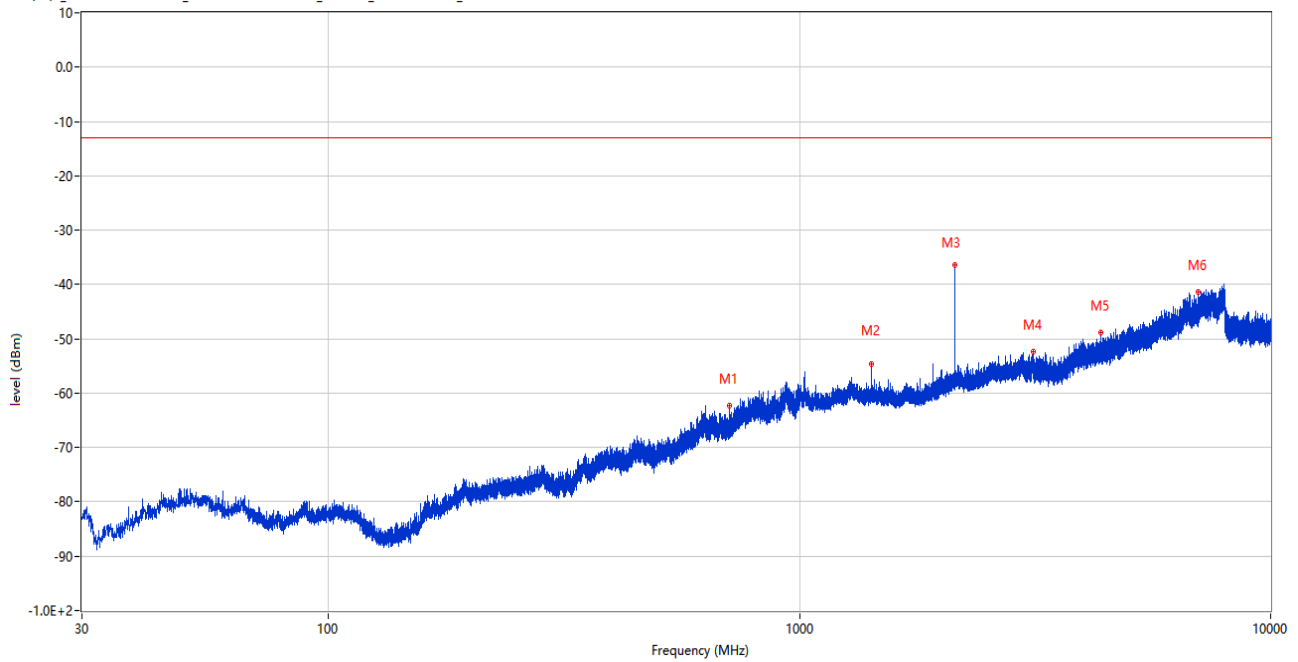
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 711.086         | -57.85       | 17.16       | -13.0       | 44.85       | 208.00    | Horizontal | Vertical | N/A     |
| 1422.900        | -55.09       | -5.43       | -13.0       | 42.09       | 0.00      | Horizontal | Vertical | Pass    |
| 2134.100        | -42.48       | -2.28       | -13.0       | 29.48       | 157.00    | Horizontal | Vertical | Pass    |
| 2999.700        | -52.33       | 1.79        | -13.0       | 39.33       | 239.00    | Horizontal | Vertical | Pass    |
| 5149.250        | -45.89       | 8.68        | -13.0       | 32.89       | 253.00    | Horizontal | Vertical | Pass    |
| 7858.250        | -39.81       | 14.73       | -13.0       | 26.81       | 347.00    | Horizontal | Vertical | Pass    |

Band:LTE B17,Channel:HIGH range,BW10M

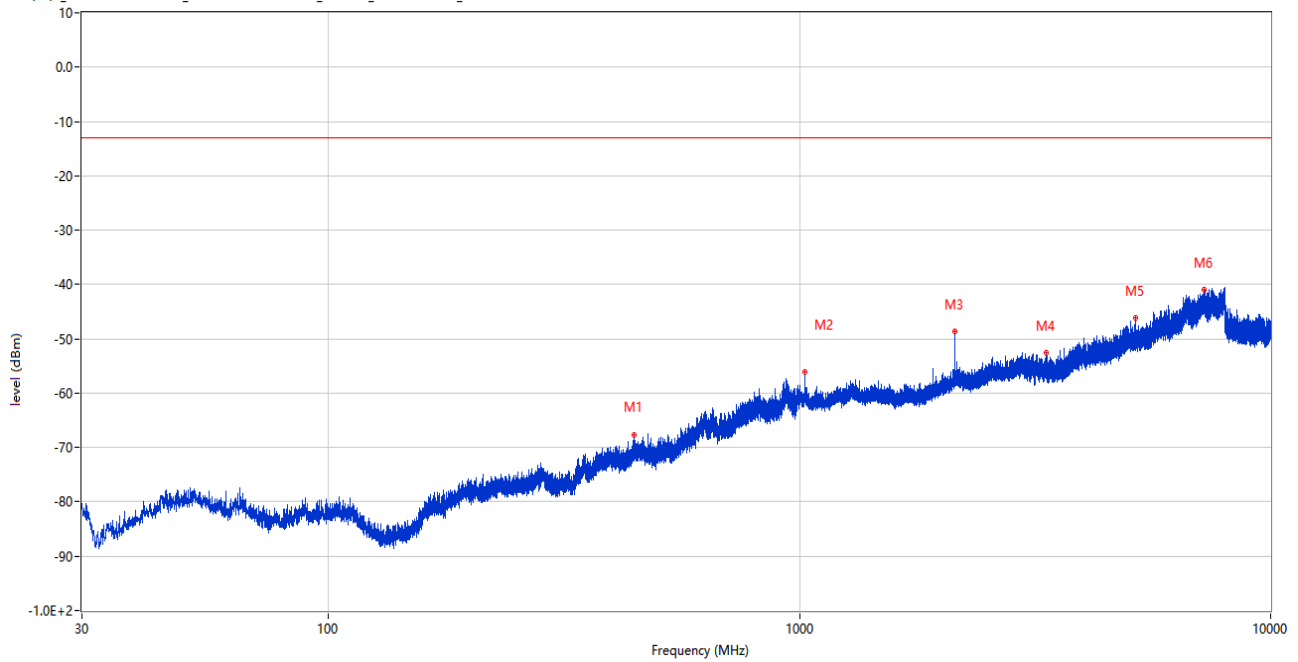
RSE (RF) \_FCC PART22&24&27\_LTE B12 & B17 & B28 \_699-748\_30MHz-10GHz\_



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 711.134         | -62.38       | 17.16       | -13.0       | 49.38       | 244.00    | Vertical | Vertical | N/A     |
| 1422.800        | -54.68       | -5.43       | -13.0       | 41.68       | 159.00    | Vertical | Vertical | Pass    |
| 2134.000        | -36.47       | -2.29       | -13.0       | 23.47       | 235.00    | Vertical | Vertical | Pass    |
| 3134.000        | -52.43       | 3.98        | -13.0       | 39.43       | 165.00    | Vertical | Vertical | Pass    |
| 4353.750        | -48.89       | 7.09        | -13.0       | 35.89       | 217.00    | Vertical | Vertical | Pass    |
| 7021.500        | -41.34       | 13.31       | -13.0       | 28.34       | 333.00    | Vertical | Vertical | Pass    |

Band:LTE B17,Channel:HIGH range,BW10M

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

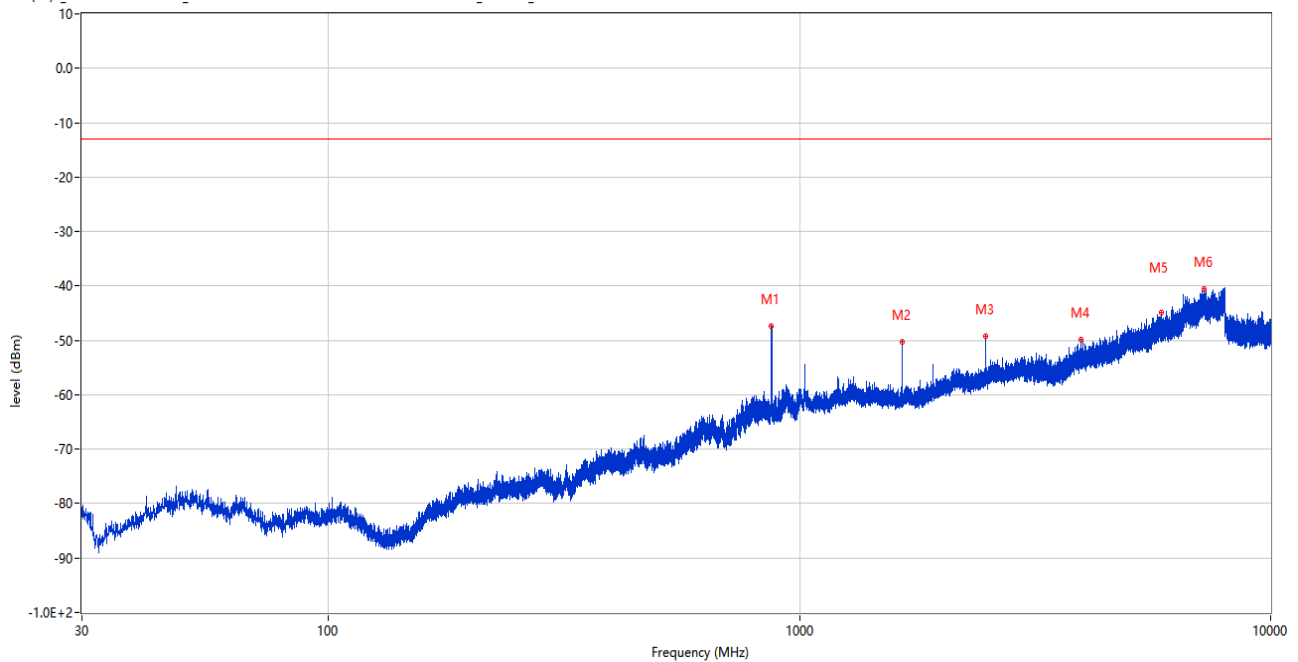


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 446.178         | -67.59       | 13.00       | -13.0       | 54.59       | 40.00     | Vertical | Horizontal | Pass    |
| 1027.500        | -56.04       | -5.40       | -13.0       | 43.04       | 149.00    | Vertical | Horizontal | Pass    |
| 2133.900        | -48.66       | -2.30       | -13.0       | 35.66       | 6.00      | Vertical | Horizontal | Pass    |
| 3332.500        | -52.55       | 4.84        | -13.0       | 39.55       | 211.00    | Vertical | Horizontal | Pass    |
| 5156.500        | -46.12       | 8.77        | -13.0       | 33.12       | 51.00     | Vertical | Horizontal | Pass    |
| 7210.000        | -40.93       | 14.38       | -13.0       | 27.93       | 280.00    | Vertical | Horizontal | Pass    |

## 2.6 LTE Band 18 (Part 22)

Band:LTE B18,Channel:HIGH range,BW5M

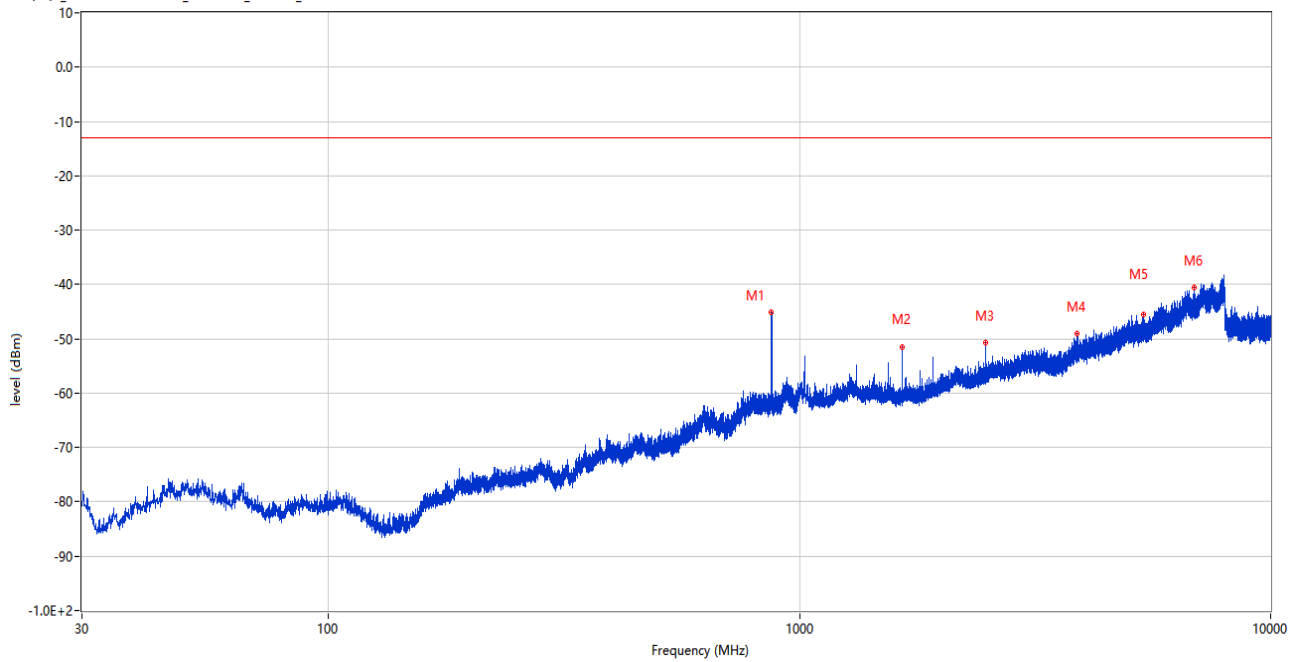
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 871.378         | -47.45       | 20.09       | -13.0       | 34.45       | 282.00    | Horizontal | Horizontal | N/A     |
| 1654.100        | -50.35       | -5.79       | -13.0       | 37.35       | 163.00    | Horizontal | Horizontal | Pass    |
| 2480.900        | -49.22       | -0.77       | -13.0       | 36.22       | 267.00    | Horizontal | Horizontal | Pass    |
| 3949.250        | -49.95       | 7.35        | -13.0       | 36.95       | 245.00    | Horizontal | Horizontal | Pass    |
| 5871.250        | -44.96       | 11.05       | -13.0       | 31.96       | 20.00     | Horizontal | Horizontal | Pass    |
| 7207.000        | -40.47       | 14.32       | -13.0       | 27.47       | 73.00     | Horizontal | Horizontal | Pass    |

Band:LTE B18,Channel:HIGH range,BW5M

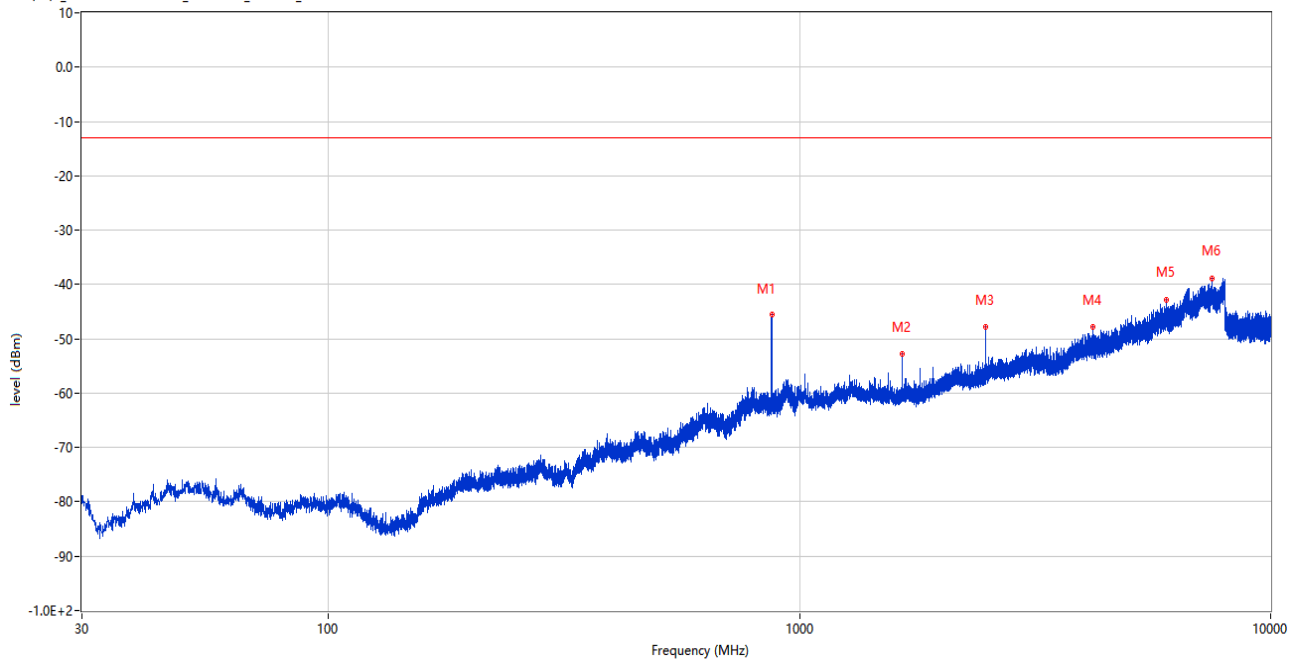
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 872.348         | -45.20       | 19.61       | -13.0       | 32.20       | 206.00    | Horizontal | Vertical | N/A     |
| 1654.300        | -51.43       | -5.75       | -13.0       | 38.43       | 139.00    | Horizontal | Vertical | Pass    |
| 2480.800        | -50.78       | -0.76       | -13.0       | 37.78       | 10.00     | Horizontal | Vertical | Pass    |
| 3876.000        | -49.13       | 6.83        | -13.0       | 36.13       | 349.00    | Horizontal | Vertical | Pass    |
| 5383.000        | -45.56       | 8.66        | -13.0       | 32.56       | 69.00     | Horizontal | Vertical | Pass    |
| 6866.000        | -40.58       | 13.17       | -13.0       | 27.58       | 69.00     | Horizontal | Vertical | Pass    |

Band:LTE B18,Channel:HIGH range,BW5M

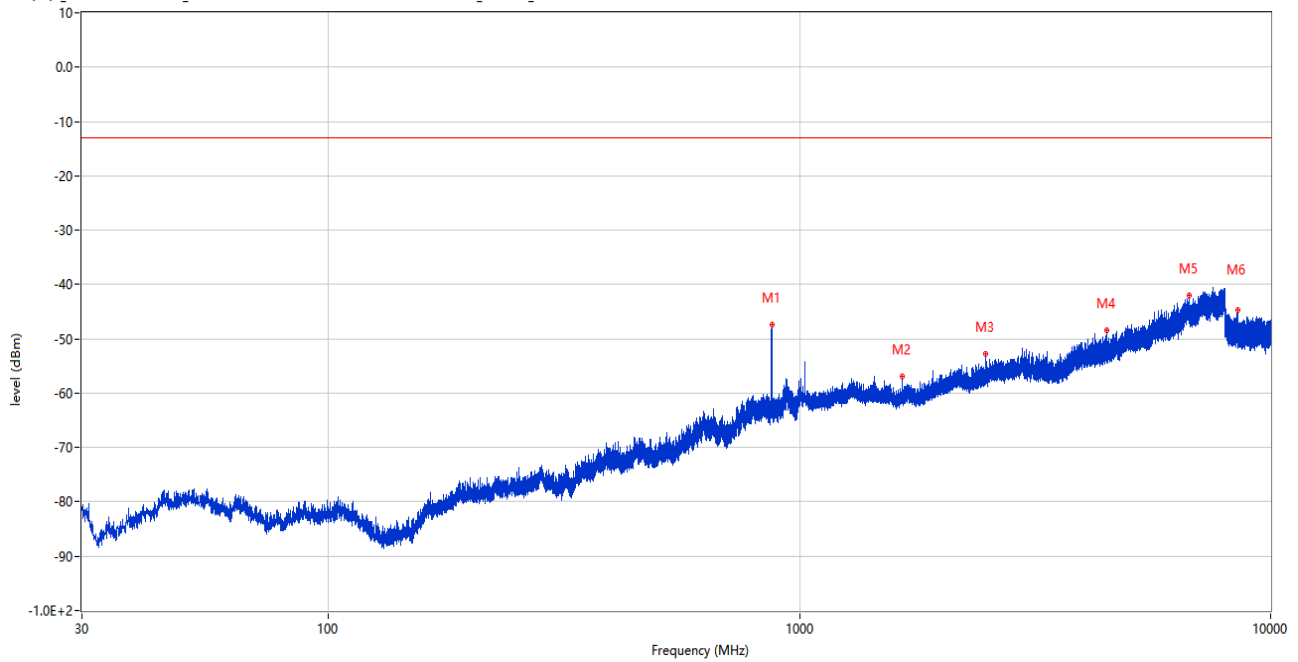
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 872.785         | -45.55       | 19.52       | -13.0       | 32.55       | 4.00      | Vertical | Vertical | N/A     |
| 1654.100        | -52.85       | -5.79       | -13.0       | 39.85       | 358.00    | Vertical | Vertical | Pass    |
| 2480.800        | -47.78       | -0.76       | -13.0       | 34.78       | 219.00    | Vertical | Vertical | Pass    |
| 4190.500        | -47.88       | 6.91        | -13.0       | 34.88       | 298.00    | Vertical | Vertical | Pass    |
| 5999.750        | -42.73       | 11.50       | -13.0       | 29.73       | 143.00    | Vertical | Vertical | Pass    |
| 7525.750        | -38.97       | 14.28       | -13.0       | 25.97       | 22.00     | Vertical | Vertical | Pass    |

## Band:LTE B18,Channel:HIGH range,BW5M

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

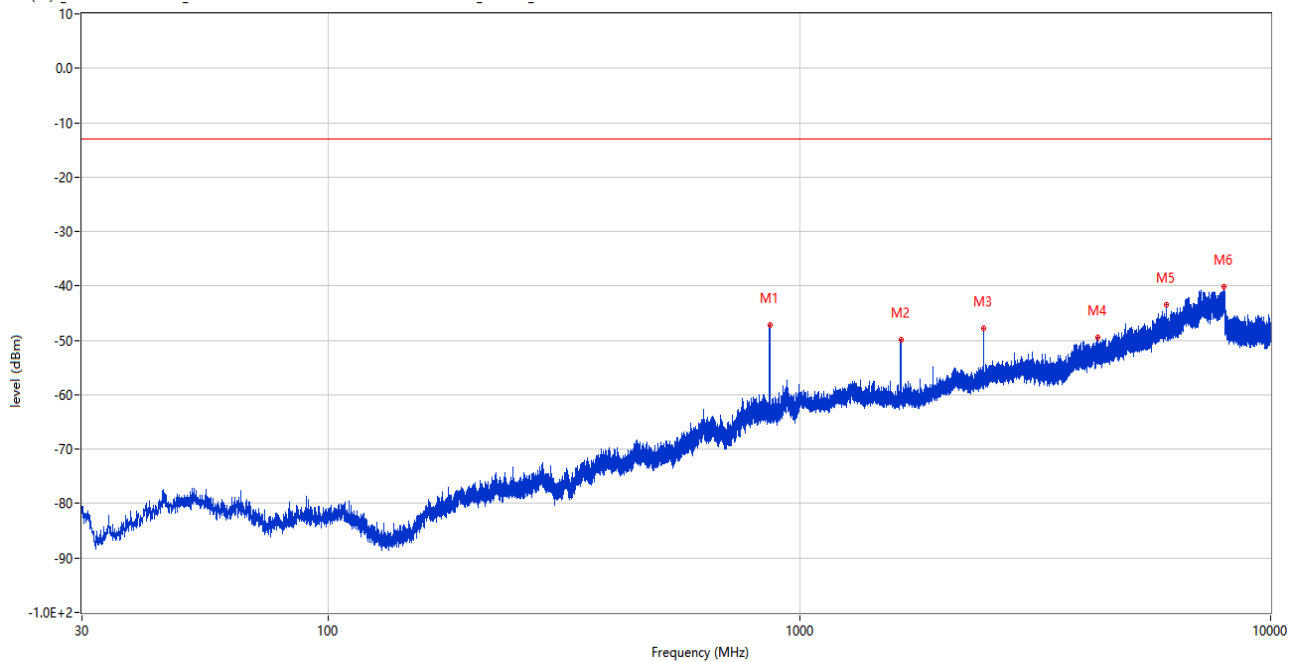


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 872.785         | -47.31       | 20.18       | -13.0       | 34.31       | 0.00      | Vertical | Horizontal | N/A     |
| 1653.800        | -56.95       | -5.79       | -13.0       | 43.95       | 110.00    | Vertical | Horizontal | Pass    |
| 2481.000        | -52.71       | -0.78       | -13.0       | 39.71       | 214.00    | Vertical | Horizontal | Pass    |
| 4489.500        | -48.52       | 7.75        | -13.0       | 35.52       | 350.00    | Vertical | Horizontal | Pass    |
| 6710.250        | -41.97       | 13.33       | -13.0       | 28.97       | 262.00    | Vertical | Horizontal | Pass    |
| 8502.700        | -44.66       | 9.82        | -13.0       | 31.66       | 314.00    | Vertical | Horizontal | Pass    |

## 2.7 LTE Band 18 (Part 90)

Band:LTE B18,Channel:LOW range,BW5M

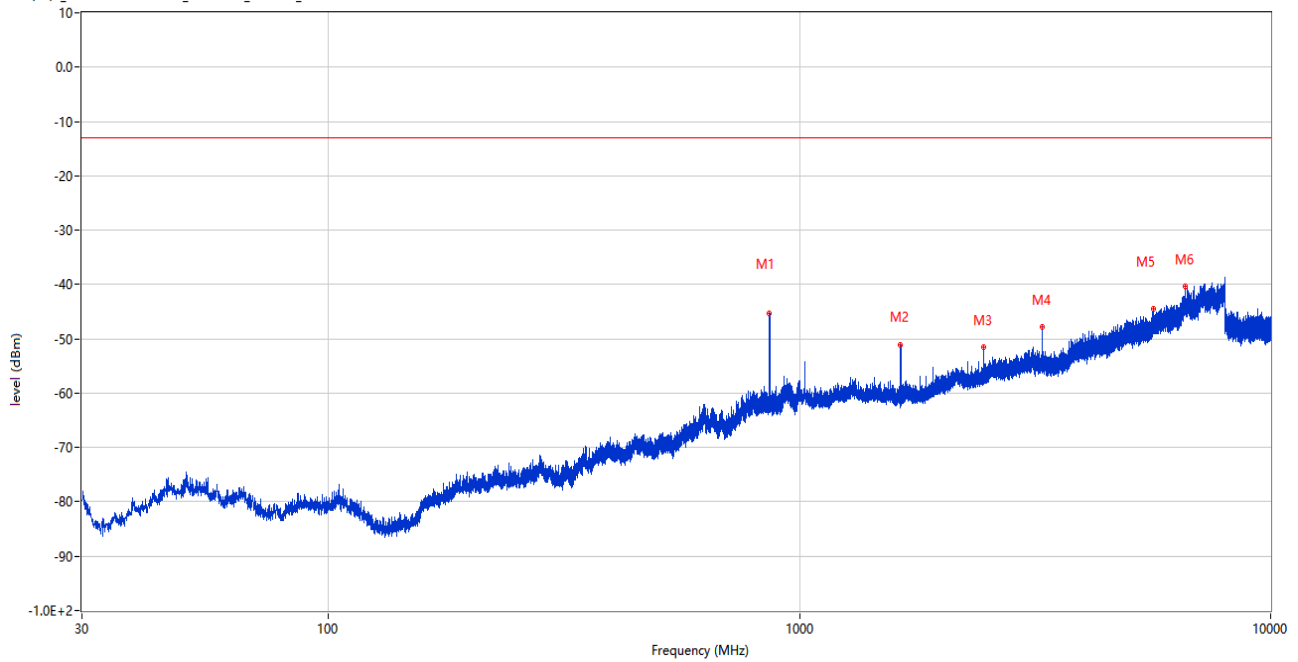
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 864.879         | -47.20       | 19.60       | -13.0       | 34.20       | 226.00    | Horizontal | Horizontal | N/A     |
| 1640.200        | -49.88       | -6.03       | -13.0       | 36.88       | 167.00    | Horizontal | Horizontal | Pass    |
| 2459.800        | -47.82       | -1.63       | -13.0       | 34.82       | 90.00     | Horizontal | Horizontal | Pass    |
| 4300.500        | -49.41       | 6.73        | -13.0       | 36.41       | 0.00      | Horizontal | Horizontal | Pass    |
| 6001.500        | -43.54       | 11.31       | -13.0       | 30.54       | 87.00     | Horizontal | Horizontal | Pass    |
| 7972.000        | -40.21       | 15.10       | -13.0       | 27.21       | 228.00    | Horizontal | Horizontal | Pass    |

Band:LTE B18,Channel:LOW range,BW5M

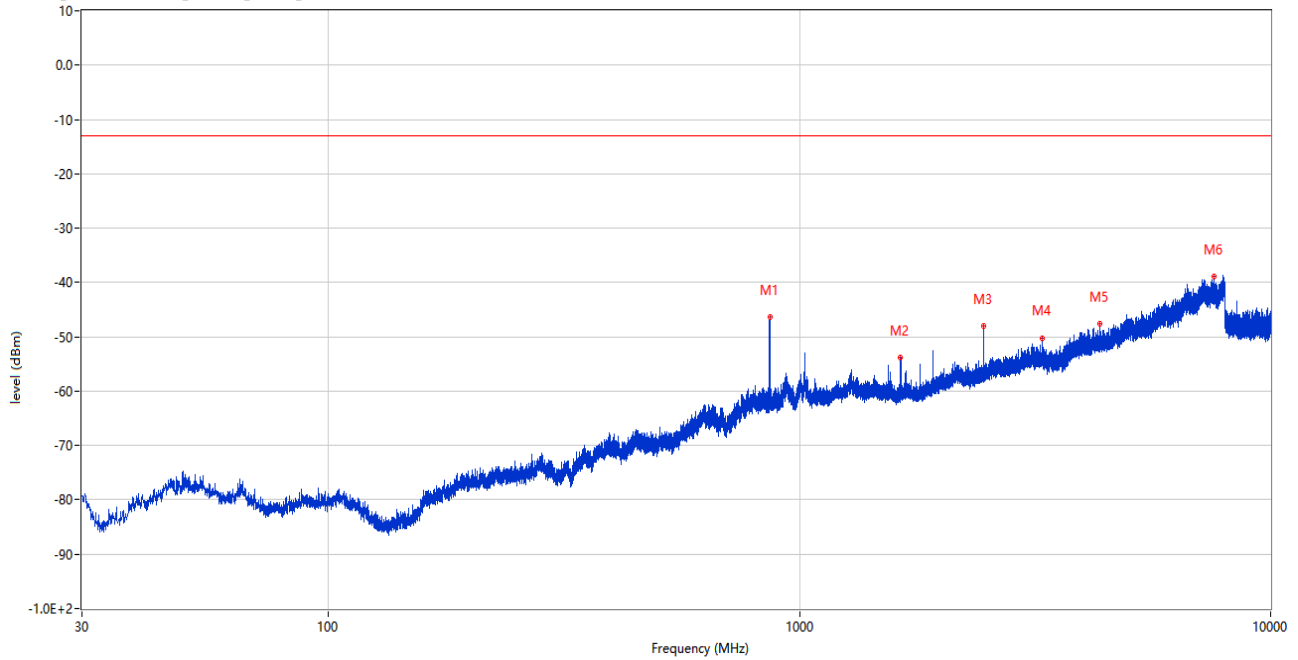
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 863.764         | -45.34       | 18.98       | -13.0       | 32.34       | 215.00    | Horizontal | Vertical | N/A     |
| 1640.100        | -51.02       | -6.03       | -13.0       | 38.02       | 132.00    | Horizontal | Vertical | Pass    |
| 2459.700        | -51.58       | -1.63       | -13.0       | 38.58       | 208.00    | Horizontal | Vertical | Pass    |
| 3279.250        | -47.74       | 4.15        | -13.0       | 34.74       | 160.00    | Horizontal | Vertical | Pass    |
| 5637.500        | -44.49       | 10.10       | -13.0       | 31.49       | 3.00      | Horizontal | Vertical | Pass    |
| 6602.750        | -40.32       | 13.27       | -13.0       | 27.32       | 54.00     | Horizontal | Vertical | Pass    |

Band:LTE B18,Channel:LOW range,BW5M

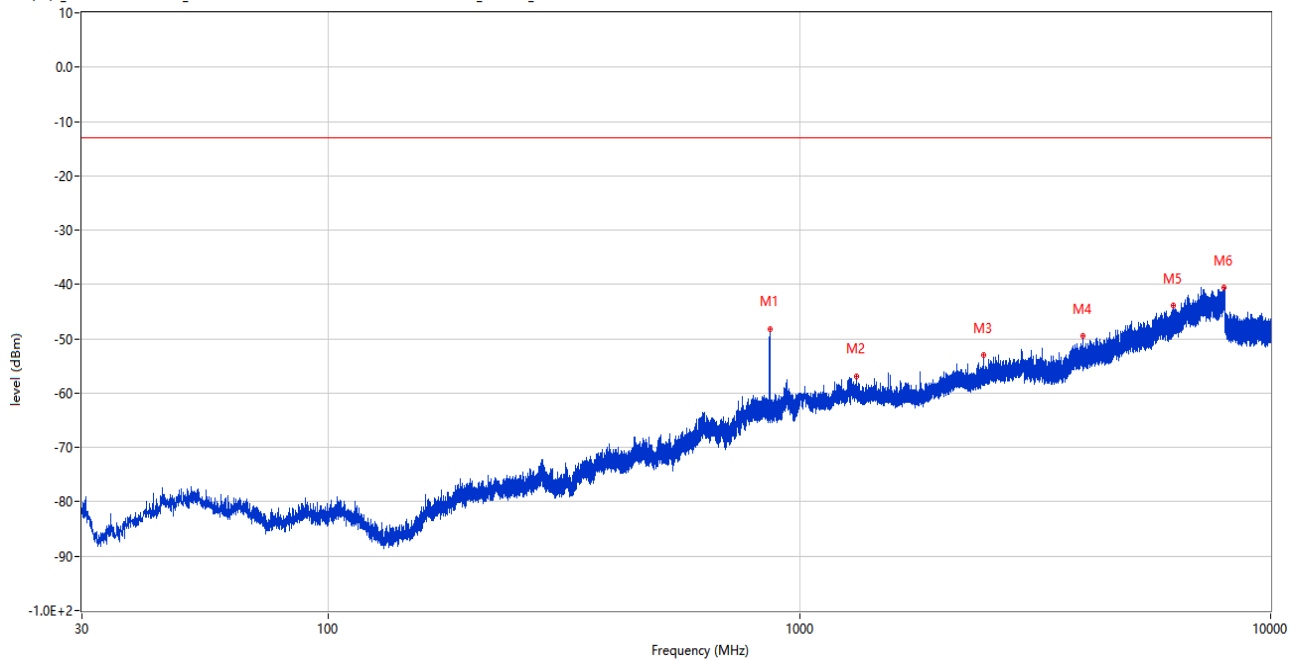
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 864.927         | -46.35       | 19.03       | -13.0       | 33.35       | 0.00      | Vertical | Vertical | N/A     |
| 1640.100        | -53.90       | -6.03       | -13.0       | 40.90       | 6.00      | Vertical | Vertical | Pass    |
| 2459.800        | -48.07       | -1.63       | -13.0       | 35.07       | 159.00    | Vertical | Vertical | Pass    |
| 3279.250        | -50.18       | 4.15        | -13.0       | 37.18       | 42.00     | Vertical | Vertical | Pass    |
| 4344.500        | -47.63       | 7.08        | -13.0       | 34.63       | 248.00    | Vertical | Vertical | Pass    |
| 7571.000        | -38.99       | 14.00       | -13.0       | 25.99       | 360.00    | Vertical | Vertical | Pass    |

## Band:LTE B18,Channel:LOW range,BW5M

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

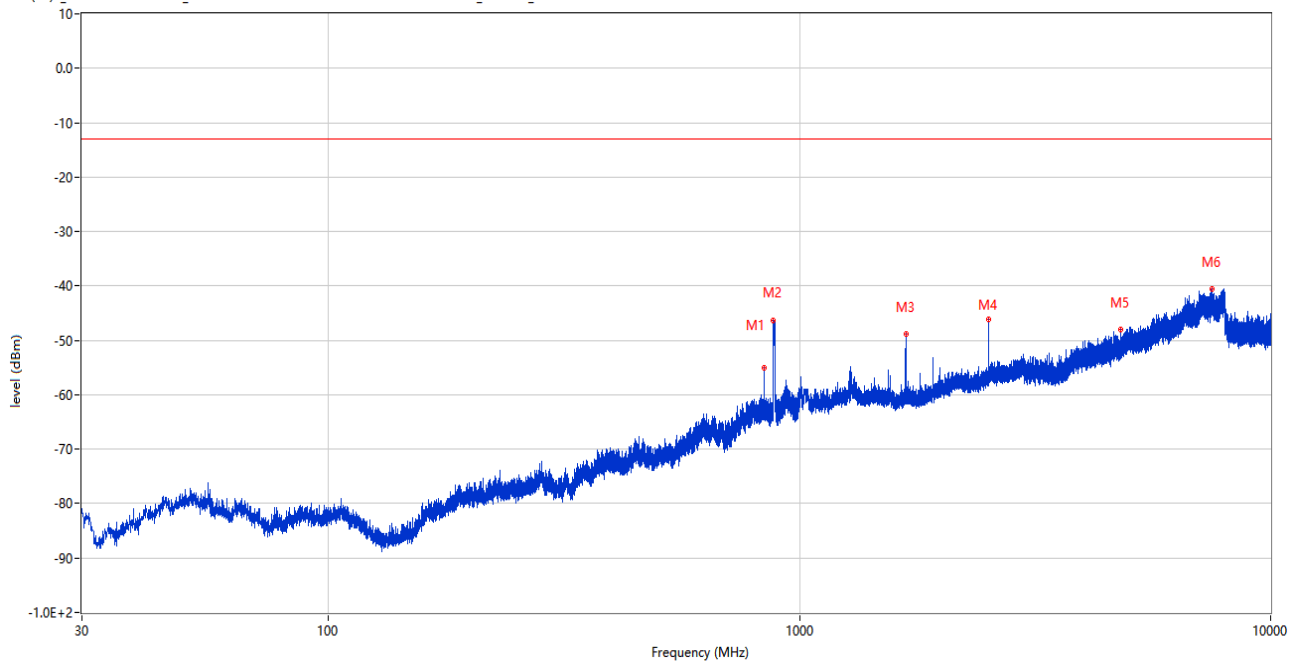


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 866.188         | -48.13       | 19.58       | -13.0       | 35.13       | 0.00      | Vertical | Horizontal | N/A     |
| 1319.900        | -56.91       | -4.96       | -13.0       | 43.91       | 202.00    | Vertical | Horizontal | Pass    |
| 2459.900        | -53.05       | -1.63       | -13.0       | 40.05       | 53.00     | Vertical | Horizontal | Pass    |
| 3991.500        | -49.41       | 7.48        | -13.0       | 36.41       | 231.00    | Vertical | Horizontal | Pass    |
| 6221.500        | -43.89       | 11.19       | -13.0       | 30.89       | 38.00     | Vertical | Horizontal | Pass    |
| 7948.000        | -40.51       | 15.47       | -13.0       | 27.51       | 195.00    | Vertical | Horizontal | Pass    |

## 2.8 LTE Band 19

Band:LTE B19,Channel:HIGH range,BW10M

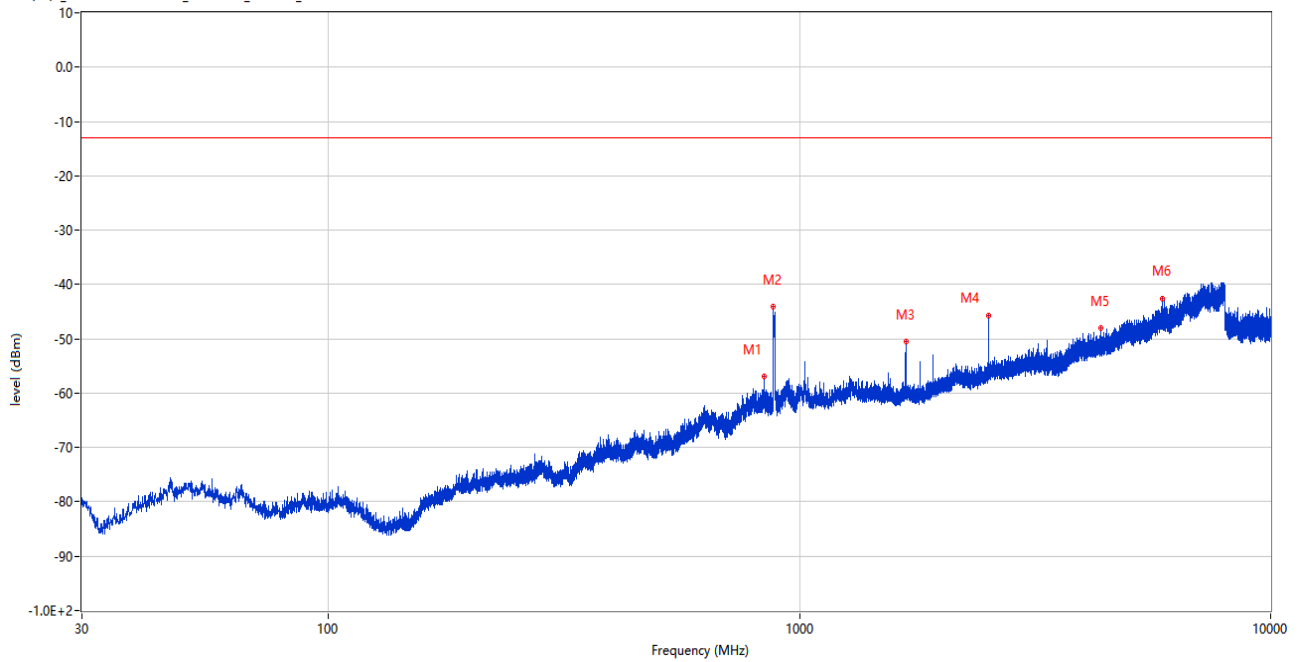
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 840.144         | -55.04       | 20.78       | -13.0       | 42.04       | 205.00    | Horizontal | Horizontal | N/A     |
| 880.690         | -46.25       | 19.96       | -13.0       | 33.25       | 293.00    | Horizontal | Horizontal | N/A     |
| 1681.100        | -48.86       | -5.21       | -13.0       | 35.86       | 180.00    | Horizontal | Horizontal | Pass    |
| 2521.100        | -46.13       | -0.82       | -13.0       | 33.13       | 26.00     | Horizontal | Horizontal | Pass    |
| 4808.750        | -48.10       | 7.70        | -13.0       | 35.10       | 89.00     | Horizontal | Horizontal | Pass    |
| 7524.250        | -40.58       | 14.58       | -13.0       | 27.58       | 263.00    | Horizontal | Horizontal | Pass    |

Band:LTE B19,Channel:HIGH range,BW10M

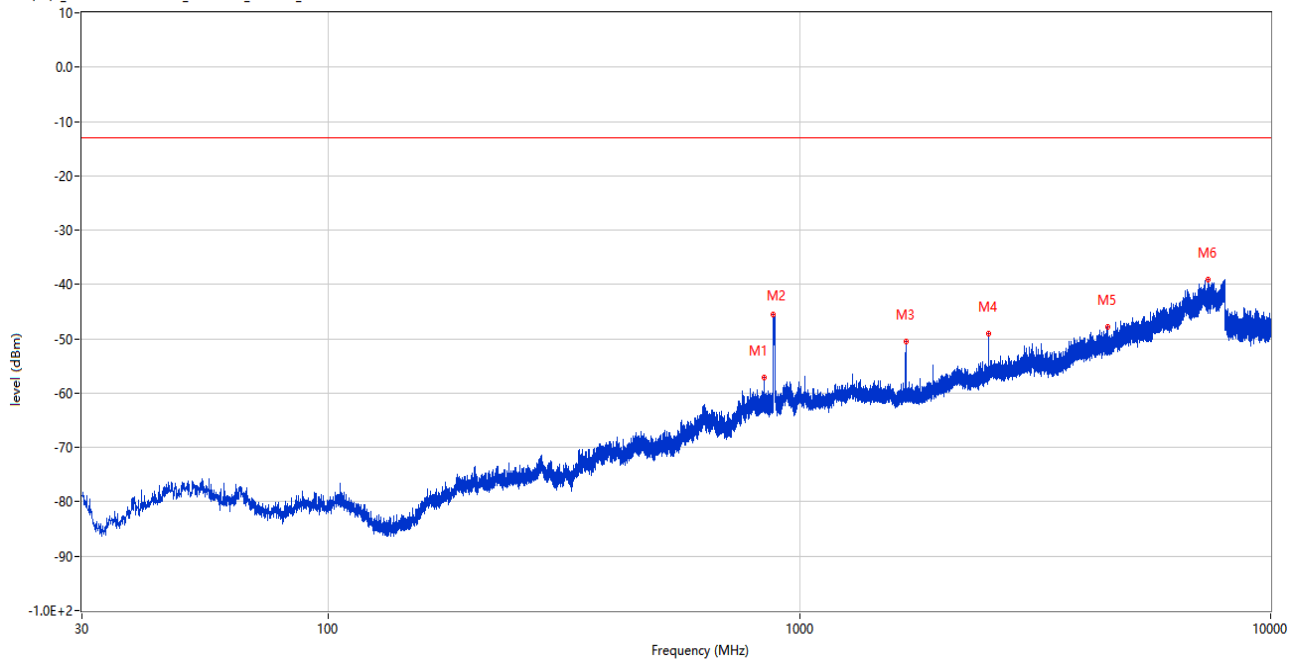
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 840.047         | -57.01       | 19.75       | -13.0       | 44.01       | 360.00    | Horizontal | Vertical | N/A     |
| 881.030         | -44.16       | 19.26       | -13.0       | 31.16       | 286.00    | Horizontal | Vertical | N/A     |
| 1681.300        | -50.58       | -5.18       | -13.0       | 37.58       | 168.00    | Horizontal | Vertical | Pass    |
| 2520.800        | -45.65       | -0.80       | -13.0       | 32.65       | 181.00    | Horizontal | Vertical | Pass    |
| 4353.500        | -48.00       | 7.10        | -13.0       | 35.00       | 104.00    | Horizontal | Vertical | Pass    |
| 5881.500        | -42.56       | 11.12       | -13.0       | 29.56       | 156.00    | Horizontal | Vertical | Pass    |

Band:LTE B19,Channel:HIGH range,BW10M

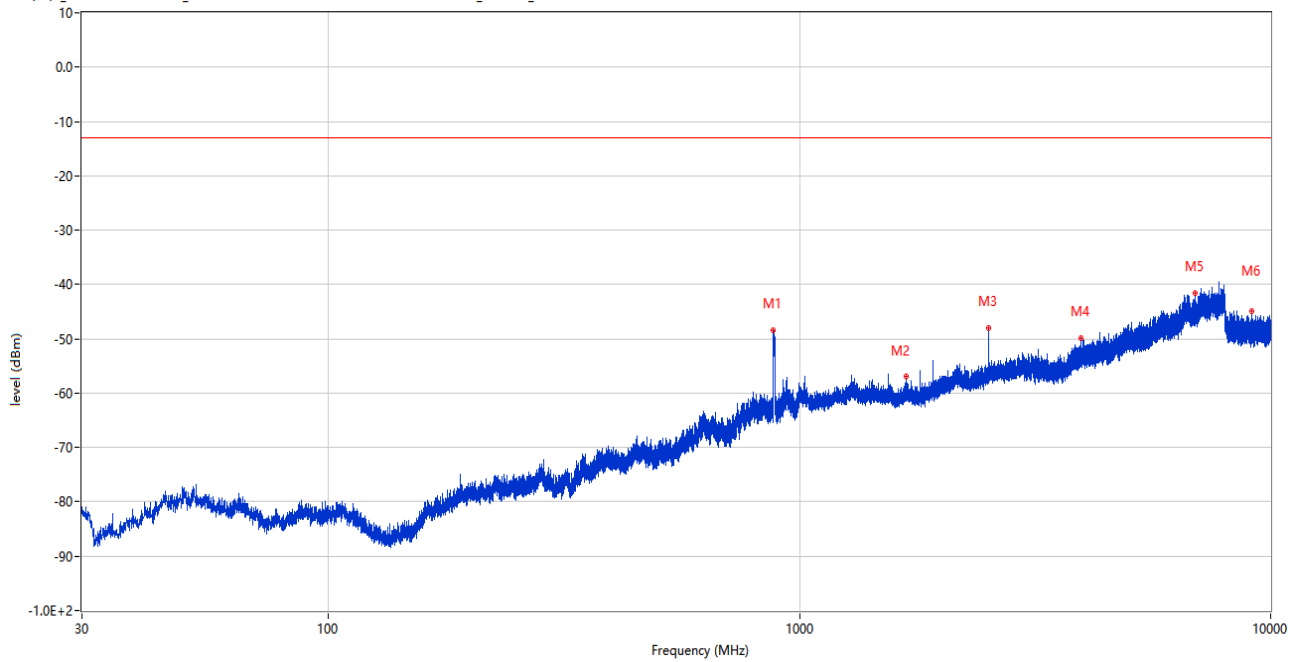
RSE (RF) \_FCC PART22&24&27\_GSM 850\_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 840.096         | -57.11       | 19.75       | -13.0       | 44.11       | 199.00    | Vertical | Vertical | N/A     |
| 881.223         | -45.55       | 19.29       | -13.0       | 32.55       | 0.00      | Vertical | Vertical | N/A     |
| 1681.000        | -50.59       | -5.23       | -13.0       | 37.59       | 360.00    | Vertical | Vertical | Pass    |
| 2520.900        | -49.14       | -0.81       | -13.0       | 36.14       | 283.00    | Vertical | Vertical | Pass    |
| 4513.750        | -47.89       | 7.18        | -13.0       | 34.89       | 123.00    | Vertical | Vertical | Pass    |
| 7353.250        | -39.04       | 13.71       | -13.0       | 26.04       | 360.00    | Vertical | Vertical | Pass    |

## Band:LTE B19,Channel:HIGH range,BW10M

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

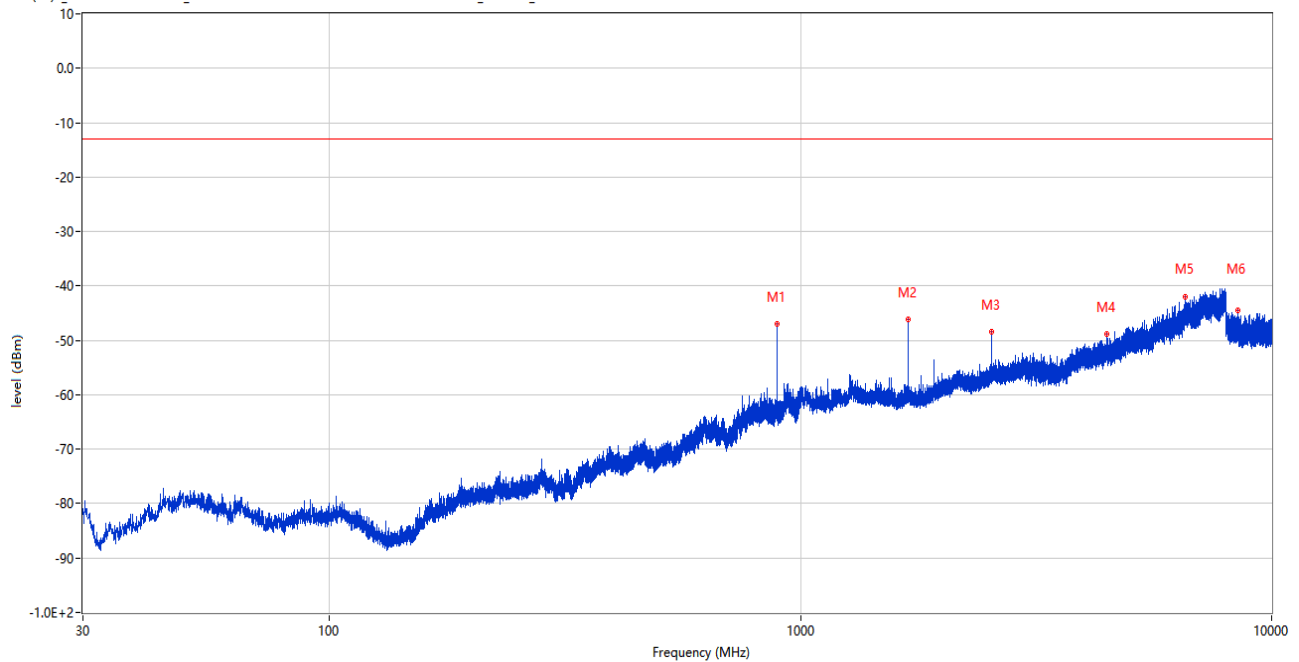


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 880.787         | -48.36       | 19.95       | -13.0       | 35.36       | 0.00      | Vertical | Horizontal | N/A     |
| 1680.700        | -56.87       | -5.29       | -13.0       | 43.87       | 222.00    | Vertical | Horizontal | Pass    |
| 2520.900        | -47.97       | -0.81       | -13.0       | 34.97       | 236.00    | Vertical | Horizontal | Pass    |
| 3951.250        | -49.88       | 7.19        | -13.0       | 36.88       | 229.00    | Vertical | Horizontal | Pass    |
| 6930.000        | -41.56       | 12.76       | -13.0       | 28.56       | 72.00     | Vertical | Horizontal | Pass    |
| 9127.200        | -44.92       | 8.41        | -13.0       | 31.92       | 108.00    | Vertical | Horizontal | Pass    |

## 2.9 LTE Band 26 (Part 22)

Band:LTE B26,Channel:HIGH range,BW3M

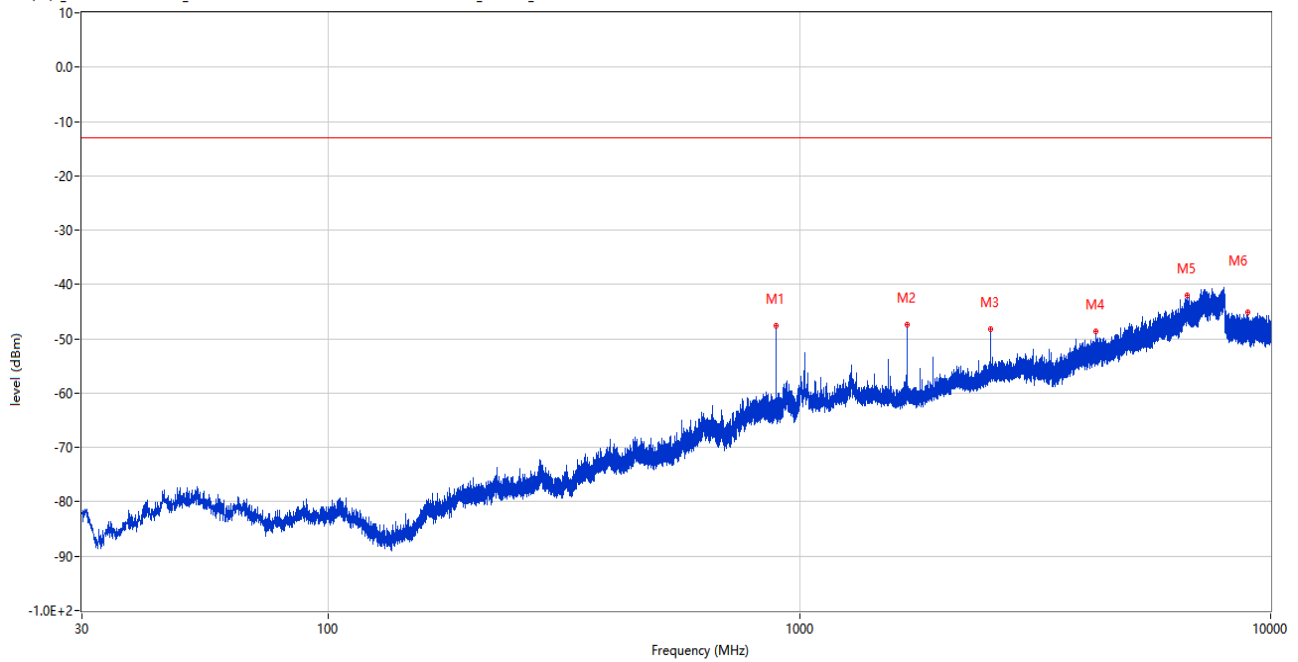
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 891.894         | -47.06       | 20.56       | -13.0       | 34.06       | 324.00    | Horizontal | Horizontal | N/A     |
| 1693.300        | -46.15       | -5.04       | -13.0       | 33.15       | 164.00    | Horizontal | Horizontal | Pass    |
| 2539.700        | -48.50       | 0.20        | -13.0       | 35.50       | 189.00    | Horizontal | Horizontal | Pass    |
| 4457.750        | -48.90       | 7.60        | -13.0       | 35.90       | 104.00    | Horizontal | Horizontal | Pass    |
| 6567.750        | -41.92       | 12.52       | -13.0       | 28.92       | 263.00    | Horizontal | Horizontal | Pass    |
| 8497.901        | -44.49       | 10.16       | -13.0       | 31.49       | 349.00    | Horizontal | Horizontal | Pass    |

Band:LTE B26,Channel:HIGH range,BW3M

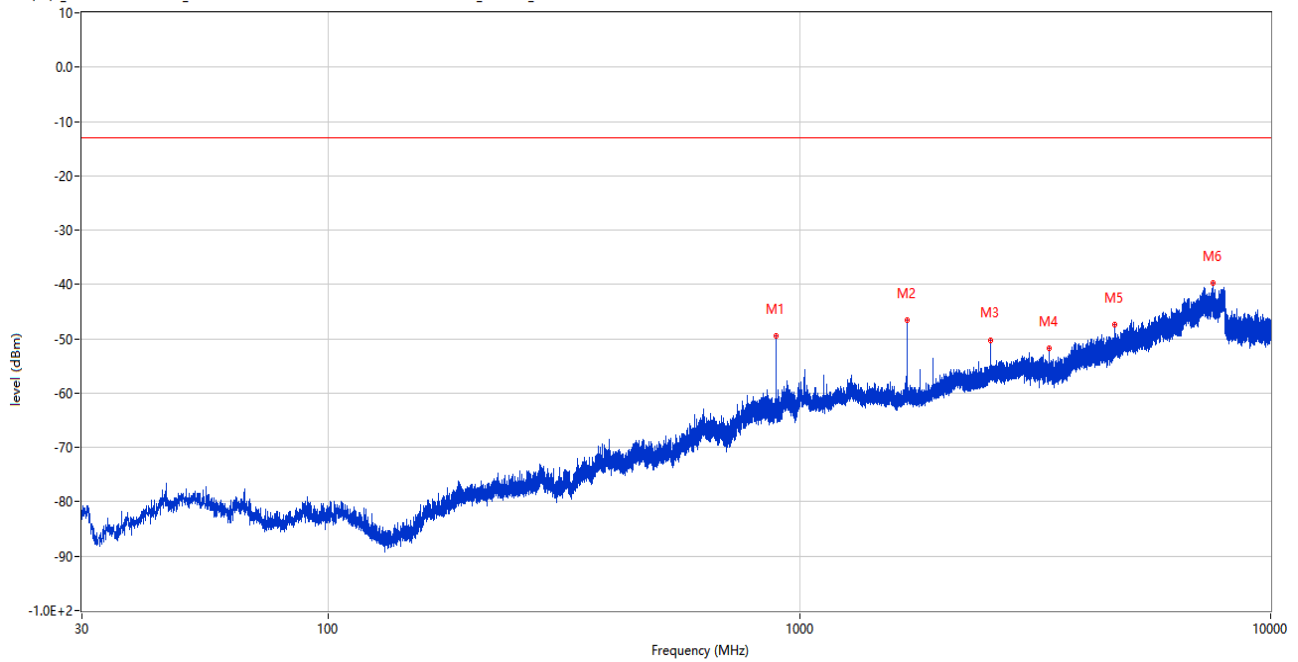
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 893.446         | -47.66       | 20.28       | -13.0       | 34.66       | 314.00    | Horizontal | Vertical | N/A     |
| 1693.300        | -47.40       | -5.04       | -13.0       | 34.40       | 141.00    | Horizontal | Vertical | Pass    |
| 2539.700        | -48.27       | 0.20        | -13.0       | 35.27       | 147.00    | Horizontal | Vertical | Pass    |
| 4259.000        | -48.72       | 6.54        | -13.0       | 35.72       | 263.00    | Horizontal | Vertical | Pass    |
| 6665.500        | -41.93       | 12.79       | -13.0       | 28.93       | 35.00     | Horizontal | Vertical | Pass    |
| 8939.600        | -45.09       | 9.07        | -13.0       | 32.09       | 254.00    | Horizontal | Vertical | Pass    |

## Band:LTE B26,Channel:HIGH range,BW3M

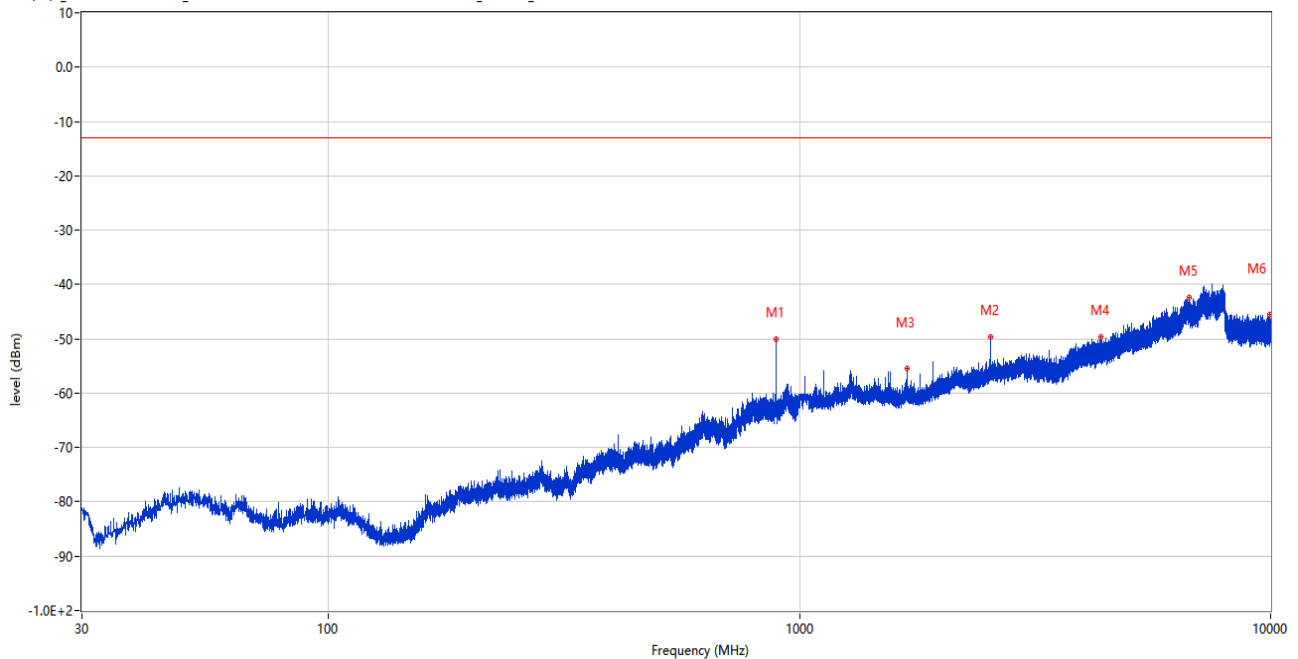
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 891.505         | -49.53       | 20.63       | -13.0       | 36.53       | 1.00      | Vertical | Vertical | N/A     |
| 1693.300        | -46.60       | -5.04       | -13.0       | 33.60       | 0.00      | Vertical | Vertical | Pass    |
| 2539.500        | -50.18       | 0.18        | -13.0       | 37.18       | 148.00    | Vertical | Vertical | Pass    |
| 3385.500        | -51.73       | 4.12        | -13.0       | 38.73       | 107.00    | Vertical | Vertical | Pass    |
| 4671.250        | -47.45       | 7.54        | -13.0       | 34.45       | 107.00    | Vertical | Vertical | Pass    |
| 7548.750        | -39.79       | 13.64       | -13.0       | 26.79       | 143.00    | Vertical | Vertical | Pass    |

Band:LTE B26,Channel:HIGH range,BW3M

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

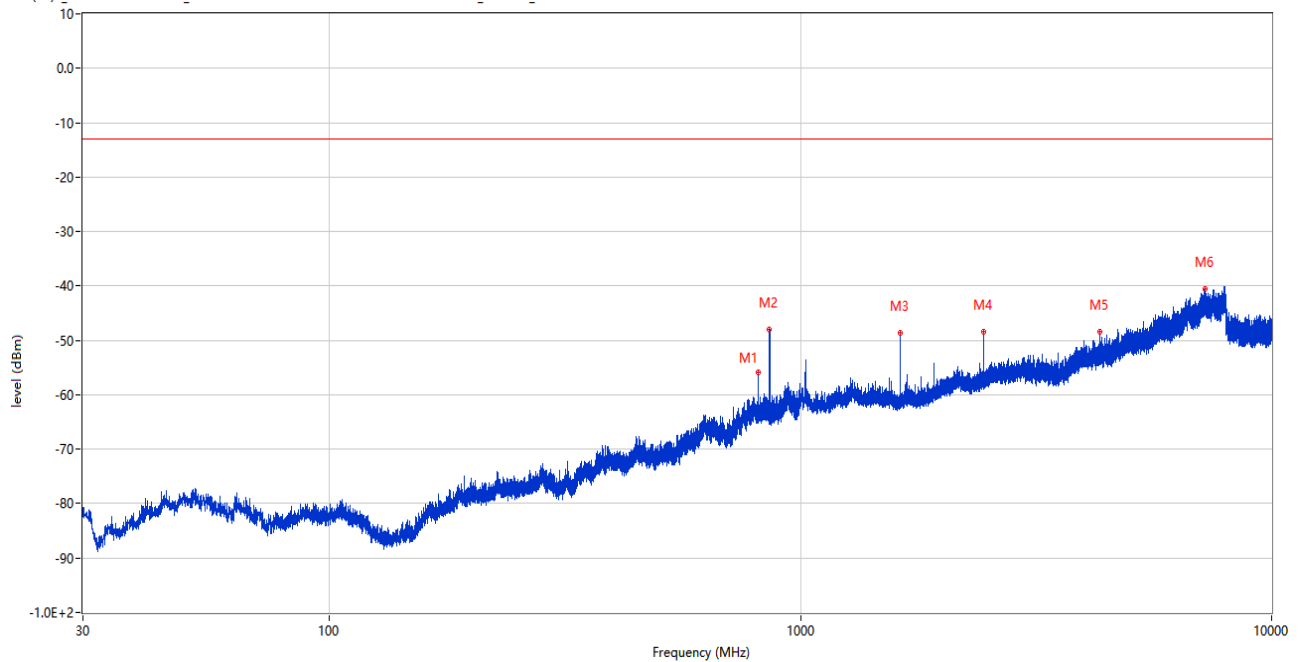


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 892.427         | -50.11       | 20.52       | -13.0       | 37.11       | 0.00      | Vertical | Horizontal | N/A     |
| 2539.300        | -49.63       | 0.17        | -13.0       | 36.63       | 239.00    | Vertical | Horizontal | Pass    |
| 1693.400        | -55.43       | -5.04       | -13.0       | 42.43       | 187.00    | Vertical | Horizontal | Pass    |
| 4355.000        | -49.59       | 7.09        | -13.0       | 36.59       | 154.00    | Vertical | Horizontal | Pass    |
| 6702.750        | -42.49       | 13.41       | -13.0       | 29.49       | 332.00    | Vertical | Horizontal | Pass    |
| 9969.901        | -45.47       | 8.20        | -13.0       | 32.47       | 278.00    | Vertical | Horizontal | Pass    |

## 2.10LTE Band 26 (Part 90)

Band:LTE B26,Channel:LOW range,BW1.4M

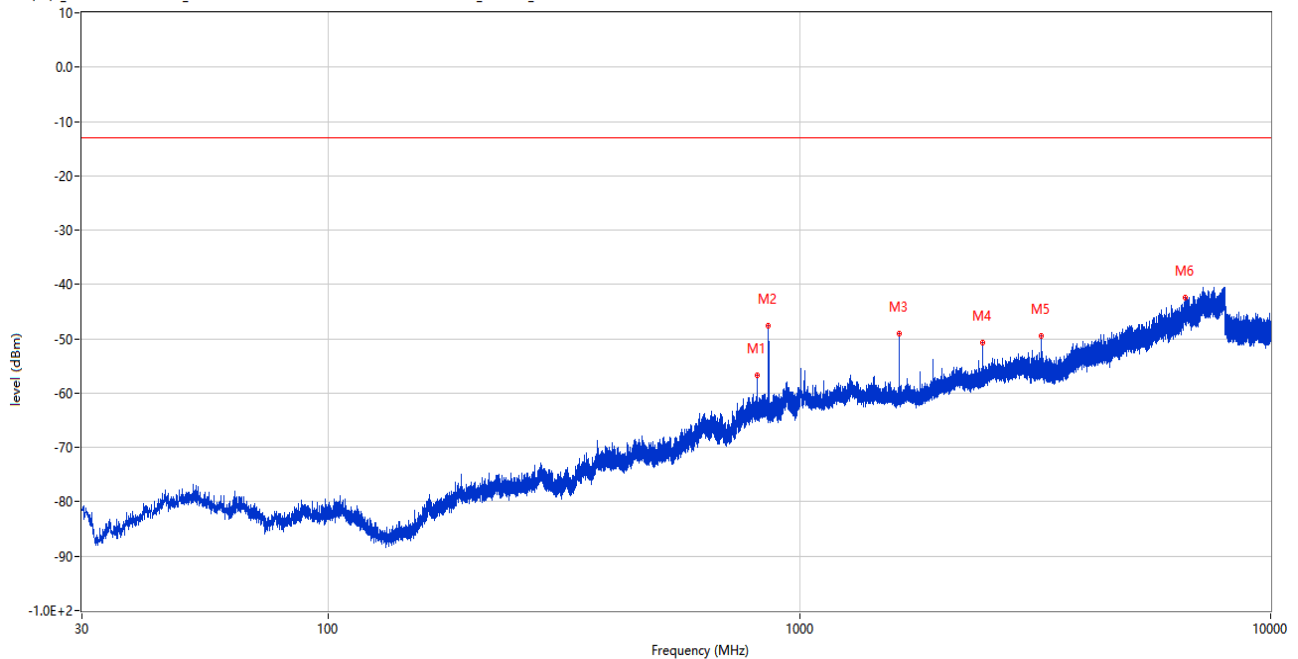
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 814.827         | -55.78       | 20.11       | -13.0       | 42.78       | 238.00    | Horizontal | Horizontal | N/A     |
| 859.205         | -48.07       | 19.49       | -13.0       | 35.07       | 229.00    | Horizontal | Horizontal | N/A     |
| 1630.400        | -48.70       | -6.11       | -13.0       | 35.70       | 187.00    | Horizontal | Horizontal | Pass    |
| 2445.300        | -48.43       | -1.50       | -13.0       | 35.43       | 90.00     | Horizontal | Horizontal | Pass    |
| 4324.250        | -48.47       | 6.60        | -13.0       | 35.47       | 204.00    | Horizontal | Horizontal | Pass    |
| 7218.250        | -40.59       | 14.28       | -13.0       | 27.59       | 256.00    | Horizontal | Horizontal | Pass    |

## Band:LTE B26,Channel:LOW range,BW1.4M

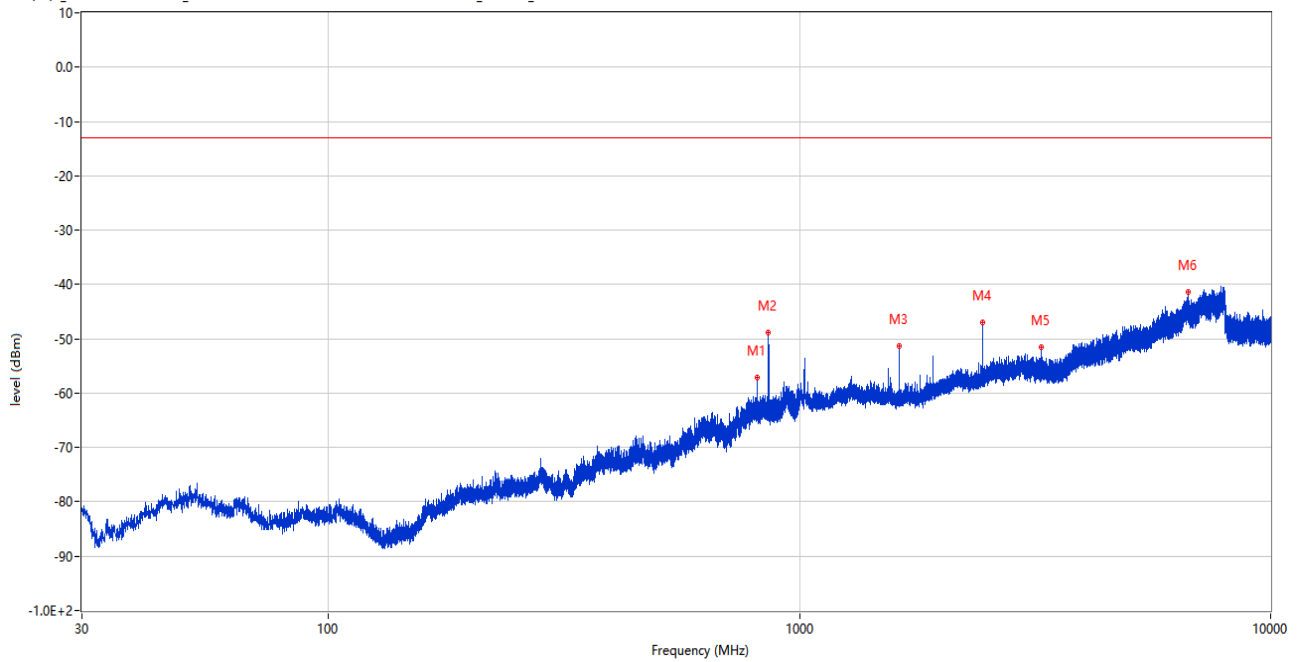
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 814.730         | -56.76       | 20.11       | -13.0       | 43.76       | 360.00    | Horizontal | Vertical | N/A     |
| 859.495         | -47.66       | 19.46       | -13.0       | 34.66       | 241.00    | Horizontal | Vertical | N/A     |
| 1630.400        | -48.97       | -6.11       | -13.0       | 35.97       | 148.00    | Horizontal | Vertical | Pass    |
| 2445.500        | -50.68       | -1.50       | -13.0       | 37.68       | 0.00      | Horizontal | Vertical | Pass    |
| 3260.000        | -49.50       | 4.38        | -13.0       | 36.50       | 174.00    | Horizontal | Vertical | Pass    |
| 6584.250        | -42.33       | 13.83       | -13.0       | 29.33       | 52.00     | Horizontal | Vertical | Pass    |

## Band:LTE B26,Channel:LOW range,BW1.4M

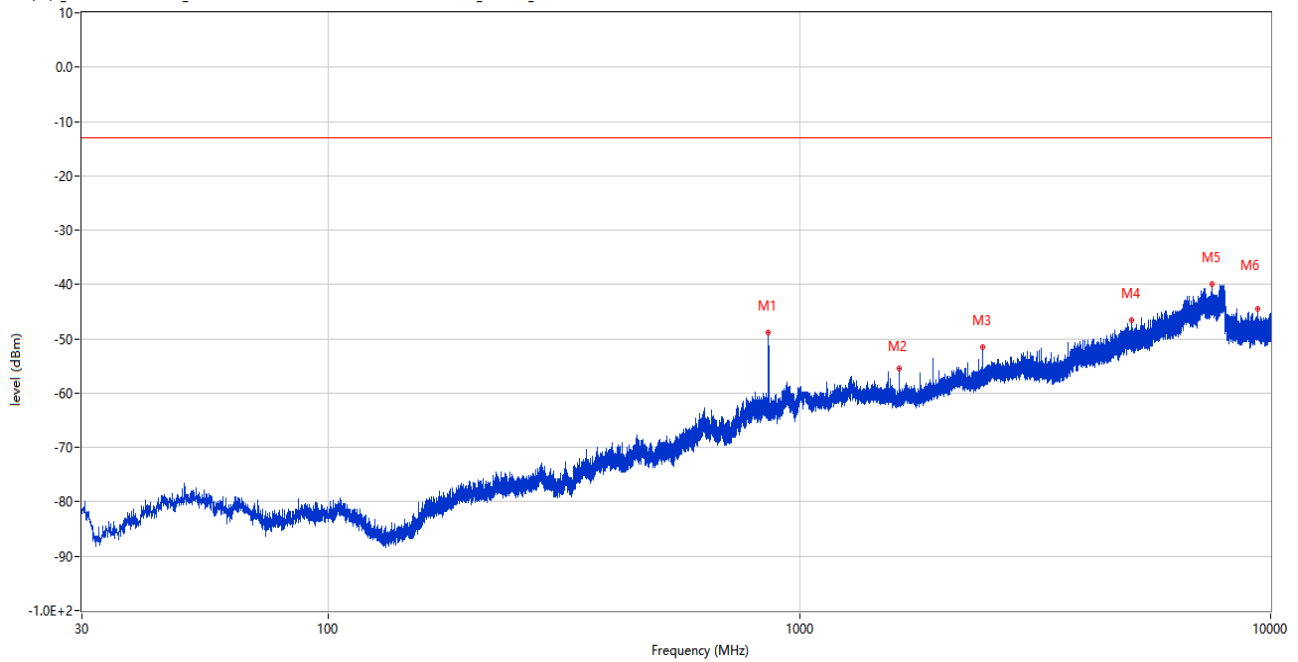
RSE (RF) \_FCC PART22&24&27\_CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 \_814-849\_30MHz-10GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 814.827         | -57.05       | 20.11       | -13.0       | 44.05       | 97.00     | Vertical | Vertical | N/A     |
| 859.593         | -48.77       | 19.47       | -13.0       | 35.77       | 11.00     | Vertical | Vertical | N/A     |
| 1630.200        | -51.29       | -6.11       | -13.0       | 38.29       | 344.00    | Vertical | Vertical | Pass    |
| 2445.100        | -46.91       | -1.49       | -13.0       | 33.91       | 239.00    | Vertical | Vertical | Pass    |
| 3259.250        | -51.63       | 4.47        | -13.0       | 38.63       | 123.00    | Vertical | Vertical | Pass    |
| 6696.750        | -41.42       | 13.30       | -13.0       | 28.42       | 297.00    | Vertical | Vertical | Pass    |

Band:LTE B26,Channel:LOW range,BW1.4M

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

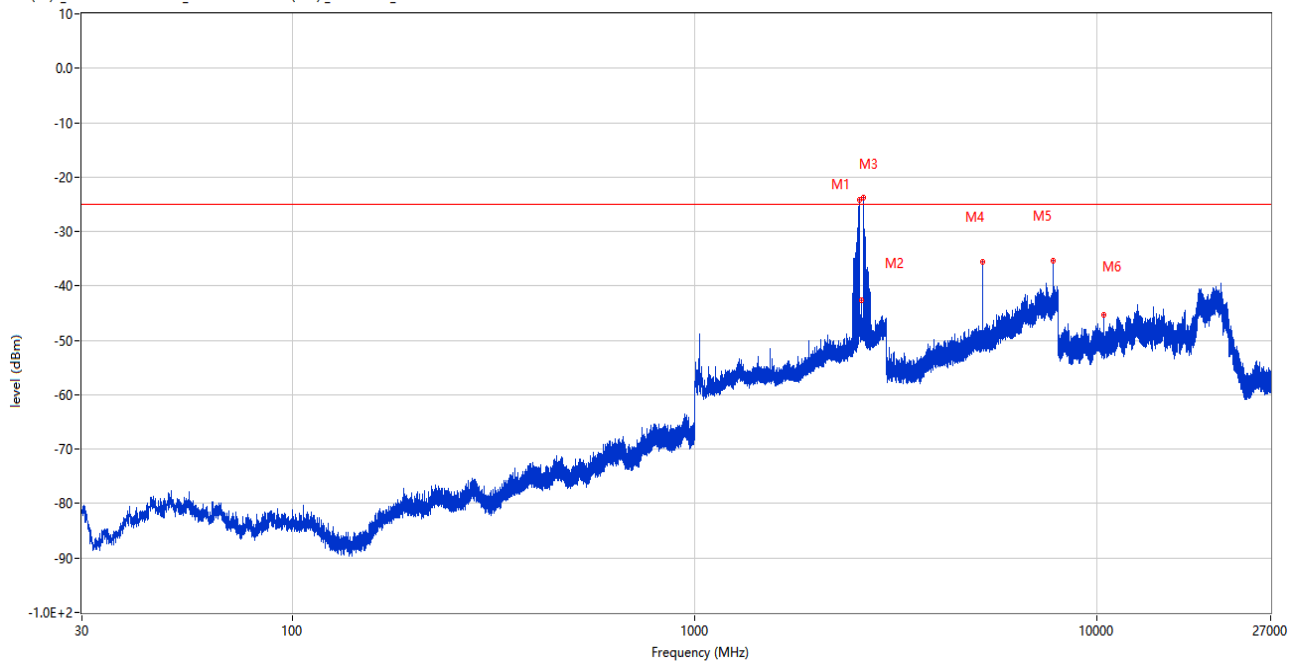


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 859.690         | -48.77       | 19.47       | -13.0       | 35.77       | 2.00      | Vertical | Horizontal | N/A     |
| 1630.300        | -55.51       | -6.11       | -13.0       | 42.51       | 116.00    | Vertical | Horizontal | Pass    |
| 2445.300        | -51.52       | -1.50       | -13.0       | 38.52       | 238.00    | Vertical | Horizontal | Pass    |
| 5073.500        | -46.58       | 9.92        | -13.0       | 33.58       | 3.00      | Vertical | Horizontal | Pass    |
| 7522.500        | -40.01       | 14.67       | -13.0       | 27.01       | 159.00    | Vertical | Horizontal | Pass    |
| 9409.700        | -44.41       | 9.21        | -13.0       | 31.41       | 258.00    | Vertical | Horizontal | Pass    |

## 2.11LTE Band 41

Band:LTE B41,Channel:MID range,BW20M

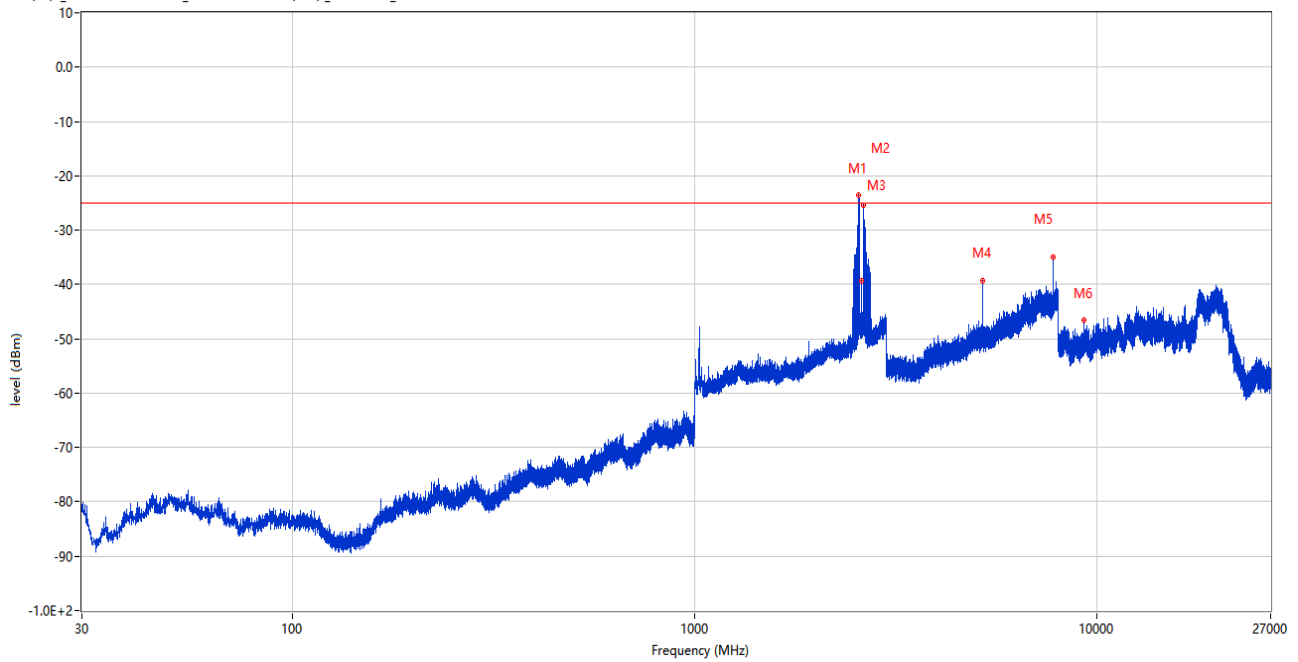
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 2561.900        | -24.12       | 8.57        | -25.0       | -0.88       | 14.00     | Horizontal | Horizontal | N/A     |
| 2593.800        | -42.55       | 8.28        | -25.0       | 17.55       | 273.00    | Horizontal | Horizontal | N/A     |
| 2627.500        | -23.75       | 7.71        | -25.0       | -1.25       | 34.00     | Horizontal | Horizontal | N/A     |
| 5186.750        | -35.48       | 8.60        | -25.0       | 10.48       | 158.00    | Horizontal | Horizontal | Pass    |
| 7779.750        | -35.35       | 14.86       | -25.0       | 10.35       | 123.00    | Horizontal | Horizontal | Pass    |
| 10373.100       | -45.40       | 6.84        | -25.0       | 20.40       | 304.00    | Horizontal | Horizontal | Pass    |

Band:LTE B41,Channel:MID range,BW20M

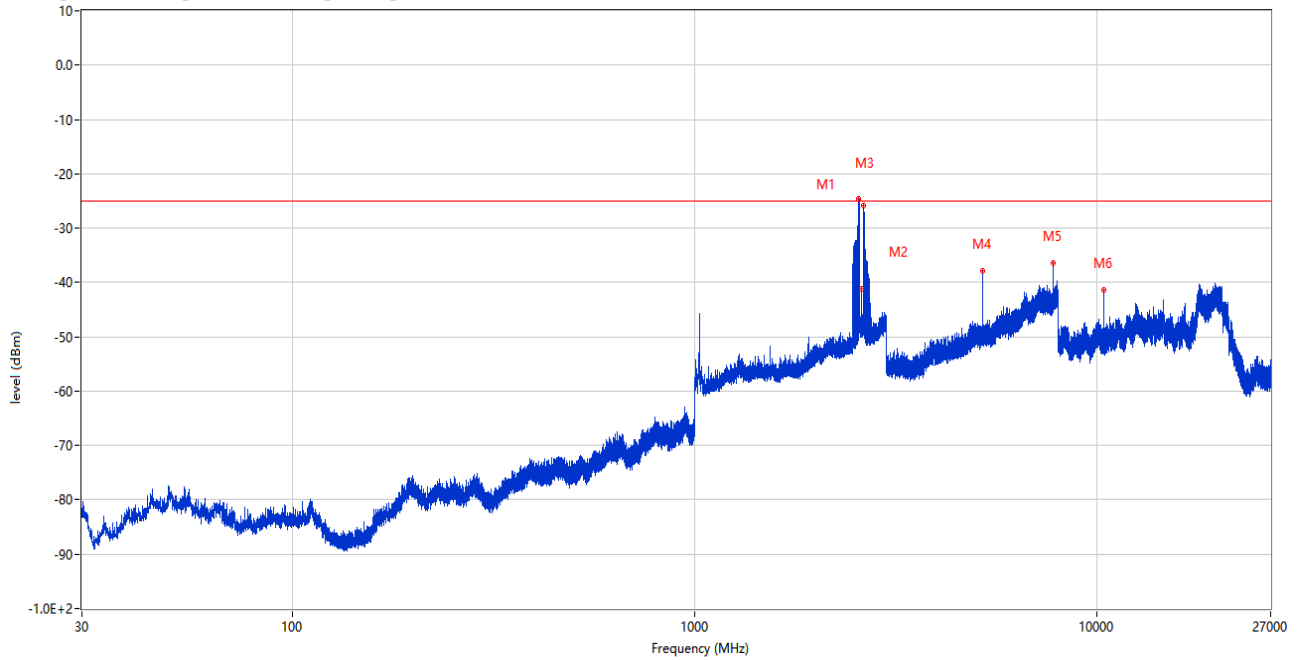
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|----------|---------|
| 2558.100        | -23.58       | 7.55        | -25.0       | -1.42       | 351.00    | Horizontal | Vertical | N/A     |
| 2593.800        | -39.21       | 8.28        | -25.0       | 14.21       | 98.00     | Horizontal | Vertical | N/A     |
| 2631.300        | -25.34       | 7.19        | -25.0       | 0.34        | 98.00     | Horizontal | Vertical | N/A     |
| 5186.750        | -39.22       | 8.60        | -25.0       | 14.22       | 0.00      | Horizontal | Vertical | Pass    |
| 7779.750        | -34.98       | 14.86       | -25.0       | 9.98        | 56.00     | Horizontal | Vertical | Pass    |
| 9278.937        | -46.59       | 9.31        | -25.0       | 21.59       | 272.00    | Horizontal | Vertical | Pass    |

Band:LTE B41,Channel:MID range,BW20M

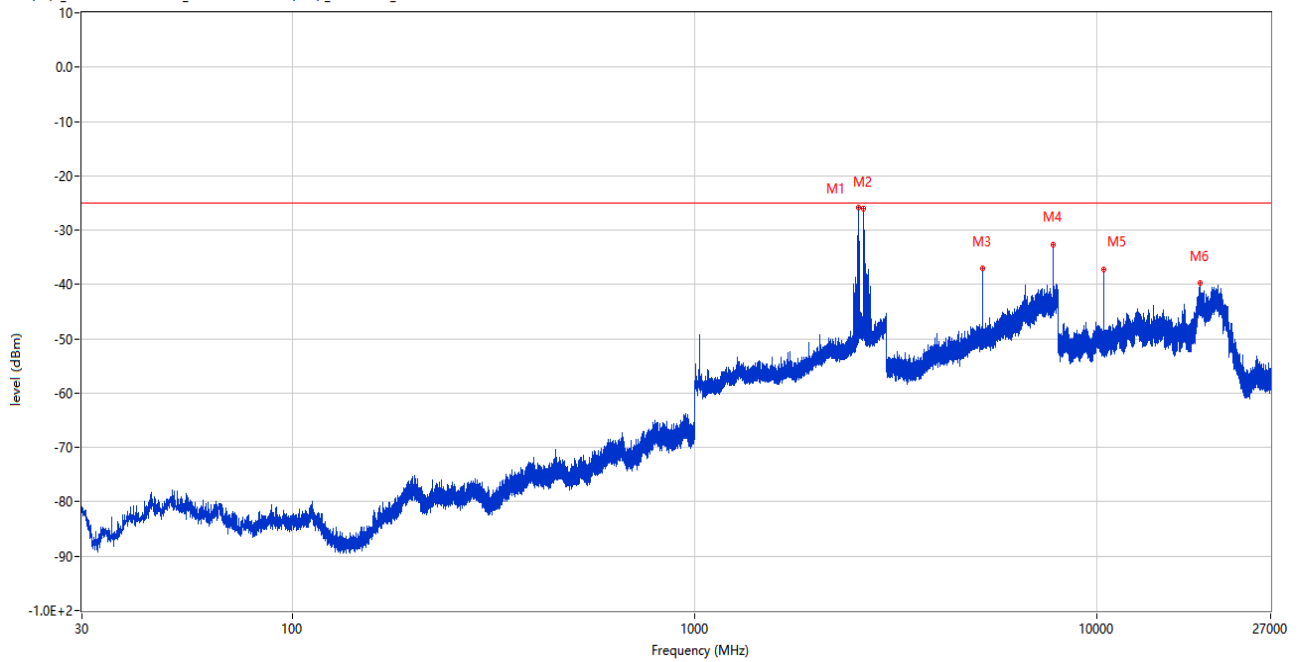
RSE (RF) \_FCC PART22&24&27\_LTE Band 38 & 41(mid) \_2570-2620\_30MHz-27GHz



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|----------|---------|
| 2560.200        | -24.52       | 8.34        | -25.0       | -0.48       | 257.00    | Vertical | Vertical | N/A     |
| 2593.700        | -41.26       | 8.28        | -25.0       | 16.26       | 223.00    | Vertical | Vertical | N/A     |
| 2626.800        | -25.81       | 8.04        | -25.0       | 0.81        | 257.00    | Vertical | Vertical | N/A     |
| 5186.750        | -37.87       | 8.60        | -25.0       | 12.87       | 296.00    | Vertical | Vertical | Pass    |
| 7780.000        | -36.46       | 14.86       | -25.0       | 11.46       | 31.00     | Vertical | Vertical | Pass    |
| 10372.862       | -41.40       | 6.84        | -25.0       | 16.40       | 45.00     | Vertical | Vertical | Pass    |

Band:LTE B41,Channel:MID range,BW20M

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 |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 2558.400        | -25.79       | 7.76        | -25.0       | 0.79        | 255.00    | Vertical | Horizontal | N/A     |
| 2628.500        | -26.00       | 7.47        | -25.0       | 1.00        | 210.00    | Vertical | Horizontal | N/A     |
| 5186.750        | -37.02       | 8.60        | -25.0       | 12.02       | 101.00    | Vertical | Horizontal | Pass    |
| 7780.000        | -32.77       | 14.86       | -25.0       | 7.77        | 353.00    | Vertical | Horizontal | Pass    |
| 10373.100       | -37.14       | 6.84        | -25.0       | 12.14       | 360.00    | Vertical | Horizontal | Pass    |
| 17988.188       | -39.76       | 16.23       | -25.0       | 14.76       | 298.00    | Vertical | Horizontal | Pass    |

