

---

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

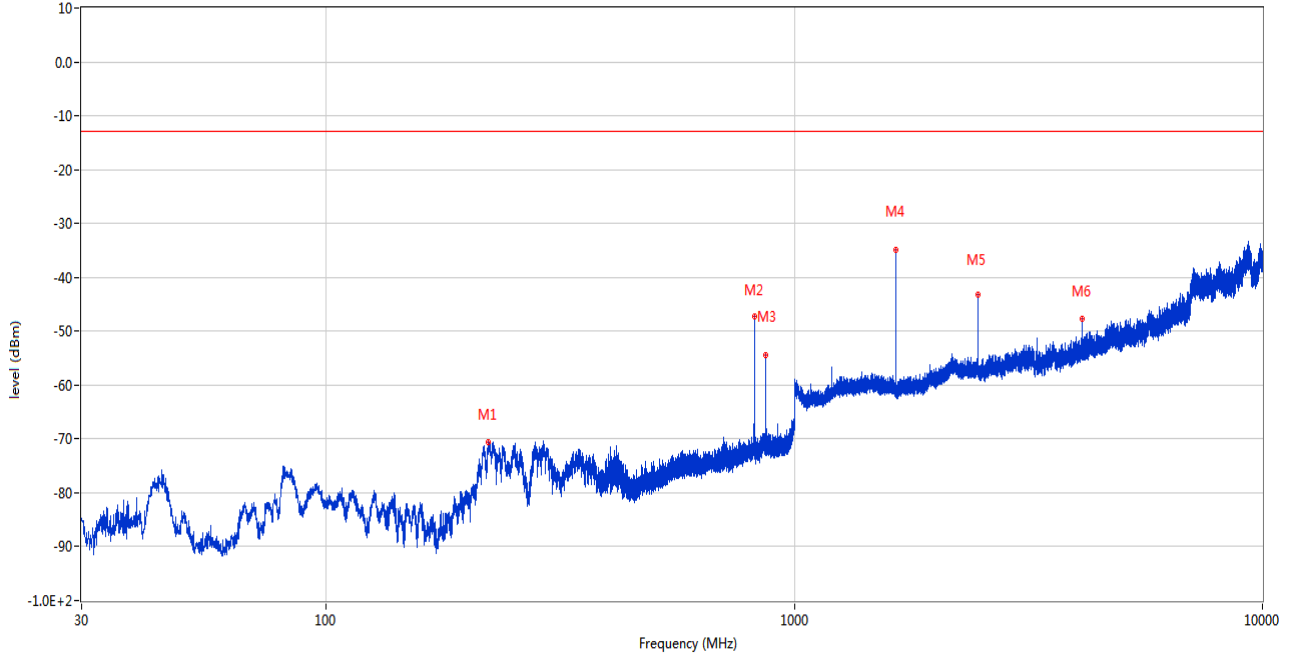
## GPRS

### 1 GPRS 850

#### 1.1 GPRS 850 Low Channel

##### RSE-H&V GPRS 850 CH128

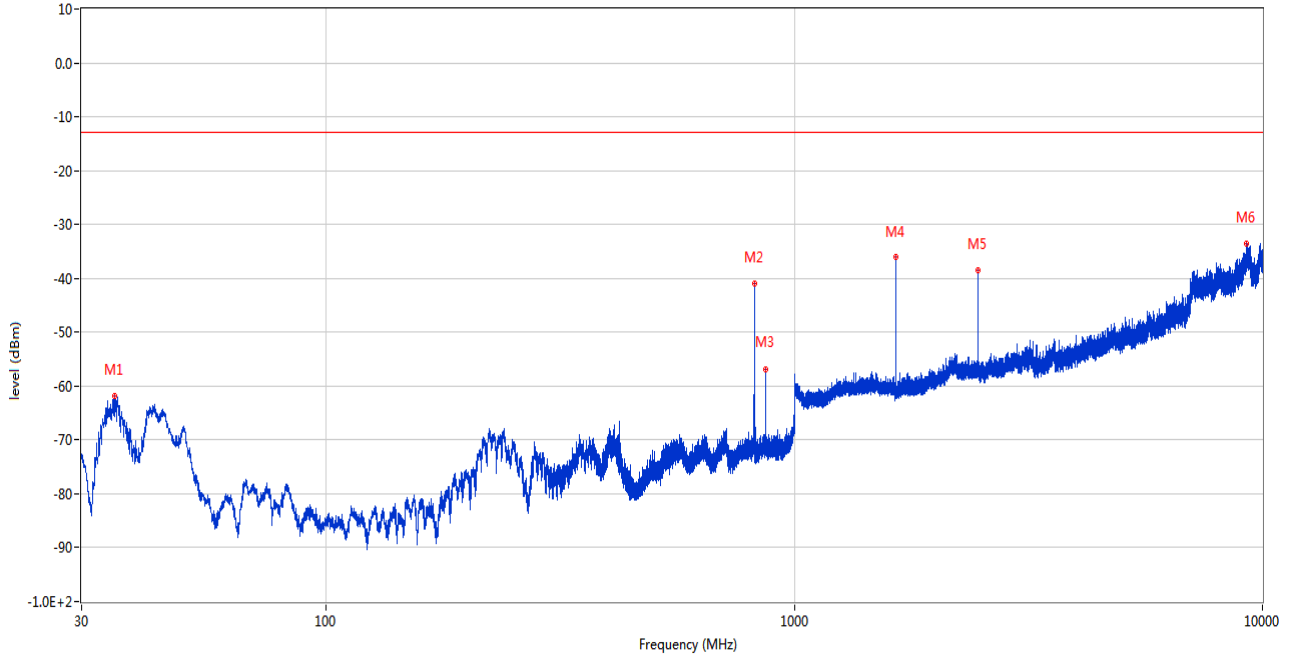
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 221.818         | -70.58       | -14.88      | -13.0          | -57.58          | 137.00    | Horizontal | Vertical | Pass    |
| 824.284         | -47.26       | -1.52       | -13.0          | -34.26          | 329.00    | Horizontal | Vertical | N/A     |
| 869.244         | -54.43       | -1.22       | -13.0          | -41.43          | 77.00     | Horizontal | Vertical | N/A     |
| 1648.200        | -34.94       | -3.95       | -13.0          | -21.94          | 321.00    | Horizontal | Vertical | Pass    |
| 2472.300        | -43.25       | 0.93        | -13.0          | -30.25          | 0.00      | Horizontal | Vertical | Pass    |
| 4121.000        | -47.73       | 5.74        | -13.0          | -34.73          | 319.00    | Horizontal | Vertical | Pass    |

## RSE-V&V GPRS 850 CH128

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

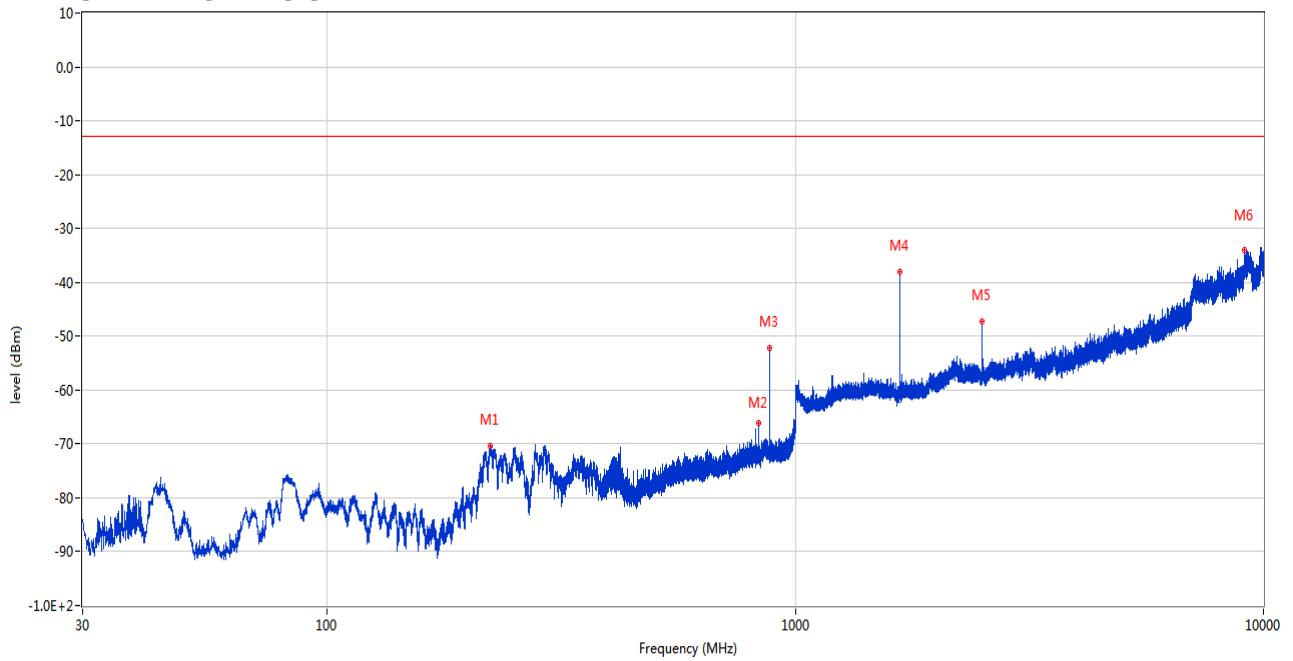


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.238          | -61.84       | -18.87      | -13.0          | -48.84          | 184.00    | Vertical | Vertical | Pass    |
| 824.236         | -40.94       | -1.52       | -13.0          | -27.94          | 127.00    | Vertical | Vertical | N/A     |
| 869.147         | -56.82       | -1.22       | -13.0          | -43.82          | 82.00     | Vertical | Vertical | N/A     |
| 1648.500        | -36.12       | -3.93       | -13.0          | -23.12          | 54.00     | Vertical | Vertical | Pass    |
| 2472.600        | -38.44       | 0.94        | -13.0          | -25.44          | 167.00    | Vertical | Vertical | Pass    |
| 9259.150        | -33.63       | 36.12       | -13.0          | -20.63          | 195.00    | Vertical | Vertical | Pass    |

## 1.2 GPRS 850 Middle Channel

### RSE-H&V GPRS 850 CH190

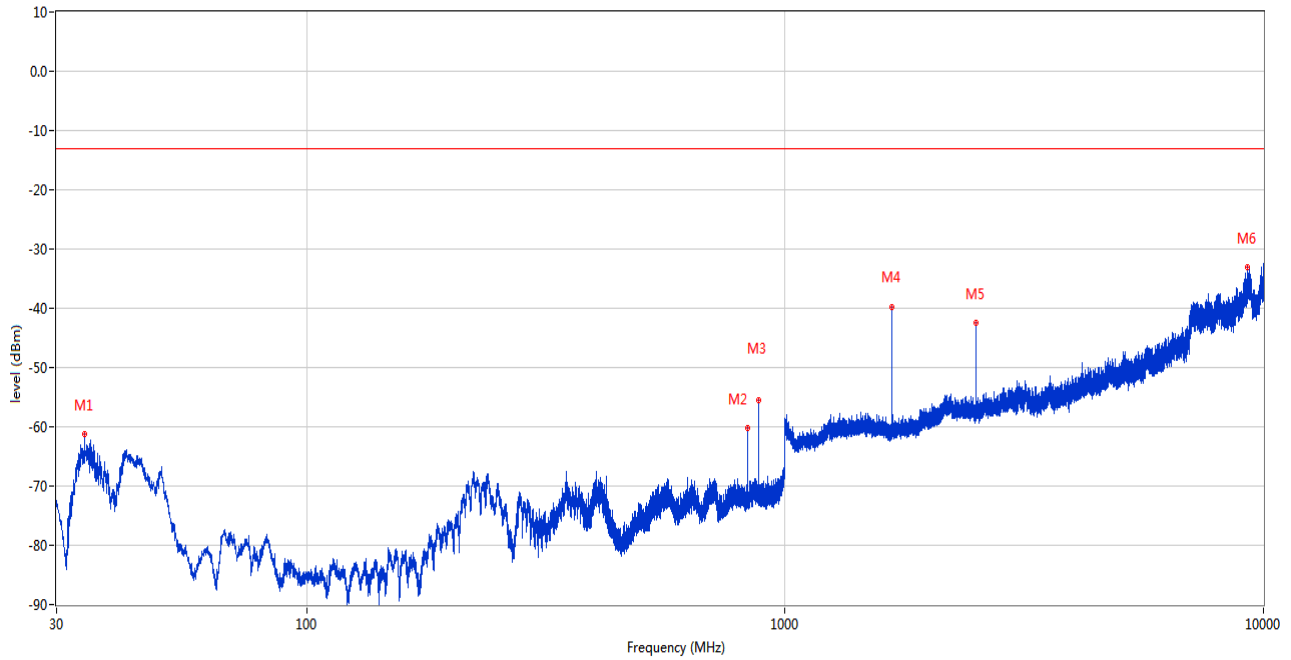
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 223.030         | -70.37       | -15.05      | -13.0          | -57.37          | 131.00    | Horizontal | Vertical | Pass    |
| 836.555         | -66.03       | -1.33       | -13.0          | -53.03          | 131.00    | Horizontal | Vertical | N/A     |
| 881.660         | -52.15       | -1.27       | -13.0          | -39.15          | 89.00     | Horizontal | Vertical | N/A     |
| 1673.000        | -38.13       | -3.65       | -13.0          | -25.13          | 317.00    | Horizontal | Vertical | Pass    |
| 2509.500        | -47.25       | 1.24        | -13.0          | -34.25          | 33.00     | Horizontal | Vertical | Pass    |
| 9097.300        | -34.09       | 35.26       | -13.0          | -21.09          | 194.00    | Horizontal | Vertical | Pass    |

## RSE-V&V GPRS 850 CH190

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

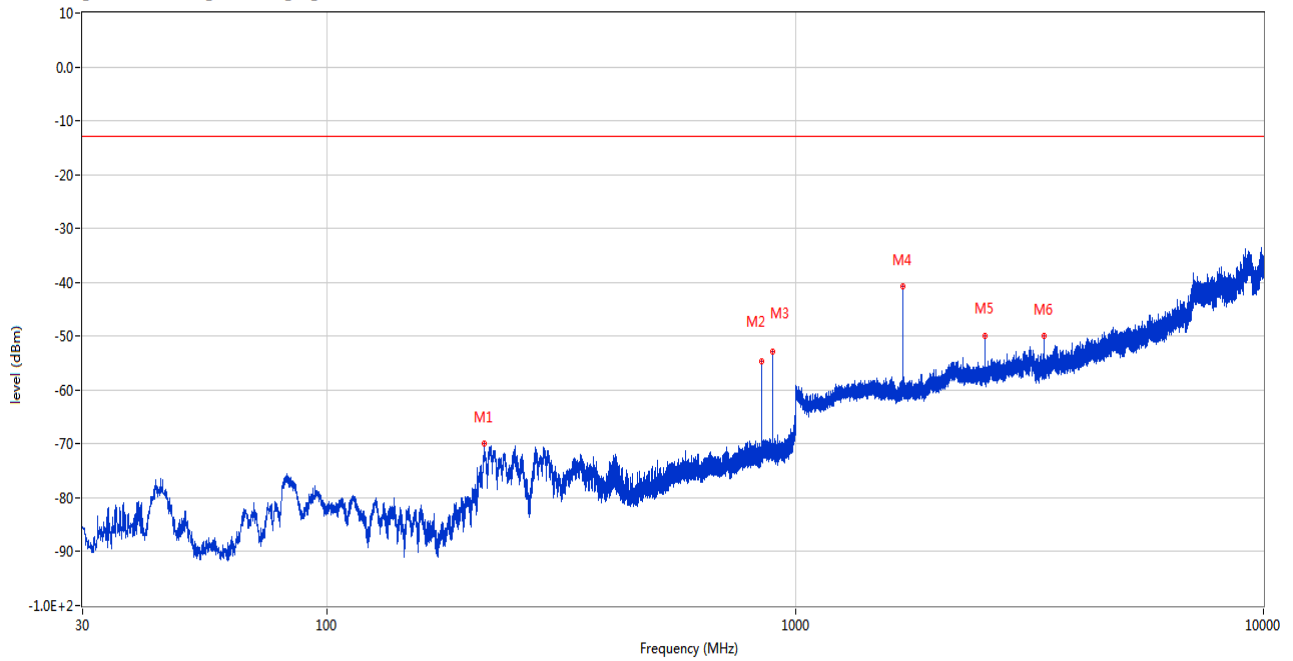


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.316          | -61.30       | -18.96      | -13.0          | -48.30          | 217.00    | Vertical | Vertical | Pass    |
| 836.555         | -60.13       | -1.33       | -13.0          | -47.13          | 124.00    | Vertical | Vertical | N/A     |
| 881.612         | -55.48       | -1.28       | -13.0          | -42.48          | 206.00    | Vertical | Vertical | N/A     |
| 1673.100        | -39.73       | -3.65       | -13.0          | -26.73          | 94.00     | Vertical | Vertical | Pass    |
| 2509.500        | -42.53       | 1.24        | -13.0          | -29.53          | 117.00    | Vertical | Vertical | Pass    |
| 9252.700        | -33.03       | 35.76       | -13.0          | -20.03          | 266.00    | Vertical | Vertical | Pass    |

### 1.3 GPRS 850 High Channel

#### RSE-H&V GPRS 850 CH251

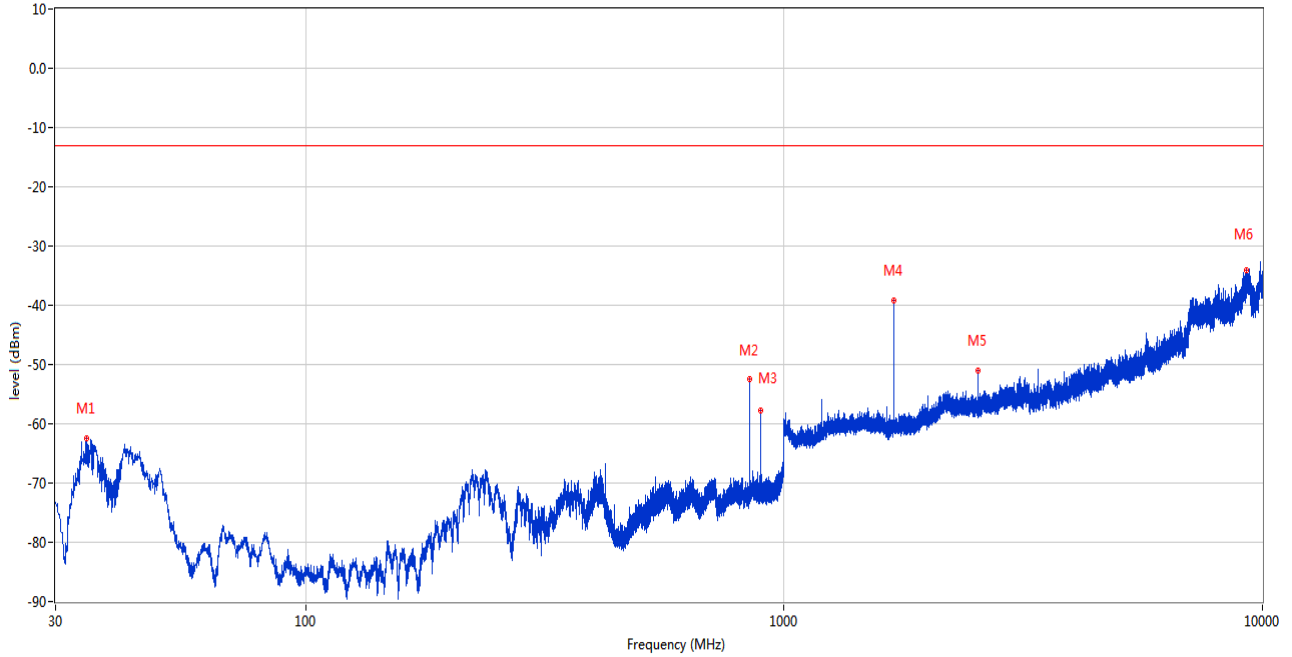
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 216.774         | -69.85       | -15.18      | -13.0          | -56.85          | 117.00    | Horizontal | Vertical | Pass    |
| 848.729         | -54.56       | -0.94       | -13.0          | -41.56          | 314.00    | Horizontal | Vertical | N/A     |
| 893.737         | -52.87       | -1.31       | -13.0          | -39.87          | 91.00     | Horizontal | Vertical | N/A     |
| 1697.600        | -40.83       | -3.32       | -13.0          | -27.83          | 221.00    | Horizontal | Vertical | Pass    |
| 2546.200        | -49.86       | 0.37        | -13.0          | -36.86          | 221.00    | Horizontal | Vertical | Pass    |
| 3395.200        | -50.01       | 3.25        | -13.0          | -37.01          | 166.00    | Horizontal | Vertical | Pass    |

## RSE-V&V GPRS 850 CH251

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



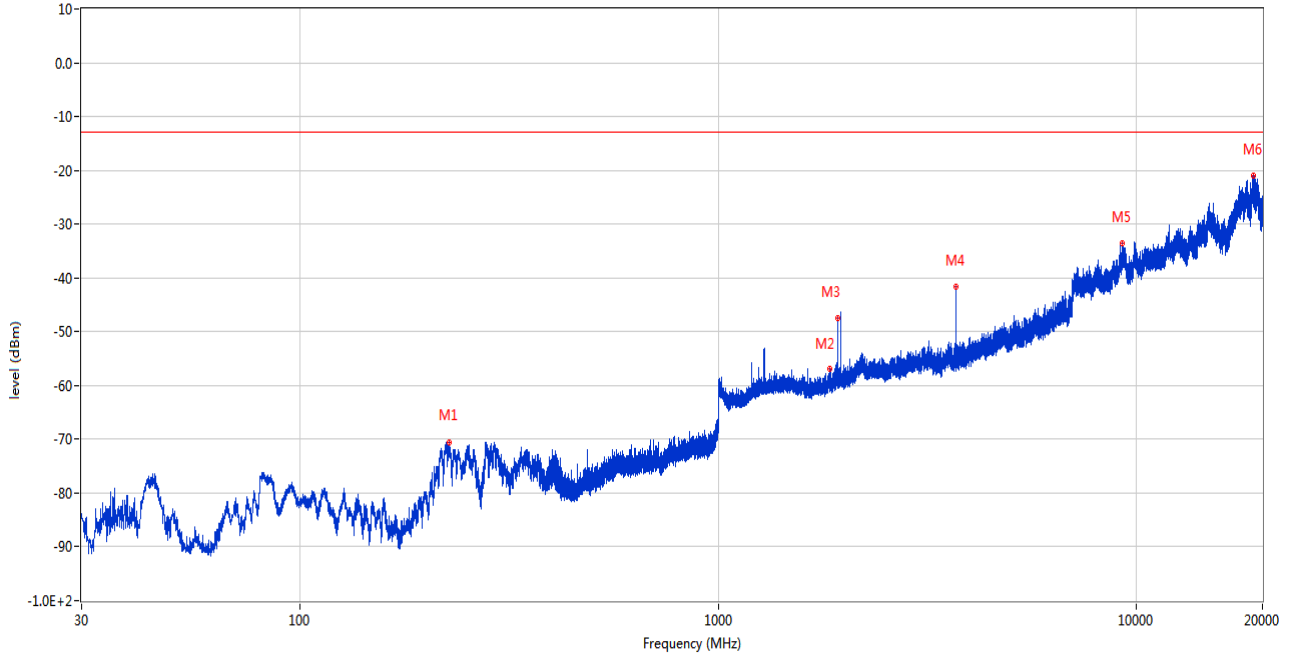
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.753          | -62.36       | -18.92      | -13.0          | -49.36          | 193.00    | Vertical | Vertical | Pass    |
| 848.729         | -52.46       | -0.94       | -13.0          | -39.46          | 64.00     | Vertical | Vertical | N/A     |
| 893.737         | -57.76       | -1.31       | -13.0          | -44.76          | 82.00     | Vertical | Vertical | N/A     |
| 1697.500        | -39.12       | -3.33       | -13.0          | -26.12          | 328.00    | Vertical | Vertical | Pass    |
| 2546.400        | -50.98       | 0.35        | -13.0          | -37.98          | 60.00     | Vertical | Vertical | Pass    |
| 9269.200        | -34.11       | 36.14       | -13.0          | -21.11          | 29.00     | Vertical | Vertical | Pass    |

## 2 GPRS 1900

### 2.1 GPRS 1900 Low Channel

#### RSE-H&V GPRS 1900 CH512

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

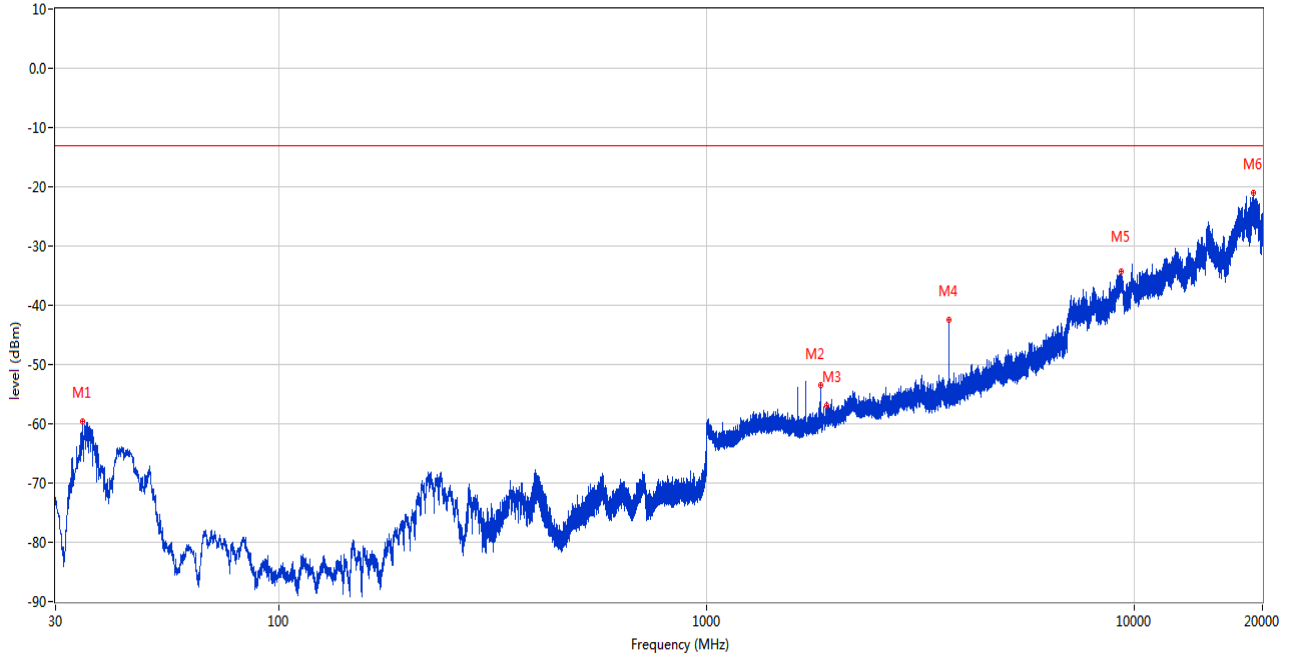


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 227.492         | -70.63       | -15.20      | -13.0          | -57.63          | 150.00    | Horizontal | Vertical | Pass    |
| 1850.500        | -56.88       | -1.29       | -13.0          | -43.88          | 40.00     | Horizontal | Vertical | N/A     |
| 1930.100        | -47.48       | -1.83       | -13.0          | -34.48          | 138.00    | Horizontal | Vertical | N/A     |
| 3700.400        | -41.62       | 4.38        | -13.0          | -28.62          | 264.00    | Horizontal | Vertical | Pass    |
| 9259.175        | -33.54       | 36.12       | -13.0          | -20.54          | 358.00    | Horizontal | Vertical | Pass    |
| 19077.075       | -20.98       | 44.77       | -13.0          | -7.98           | 78.00     | Horizontal | Vertical | Pass    |



## RSE-V&V GPRS 1900 CH512

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

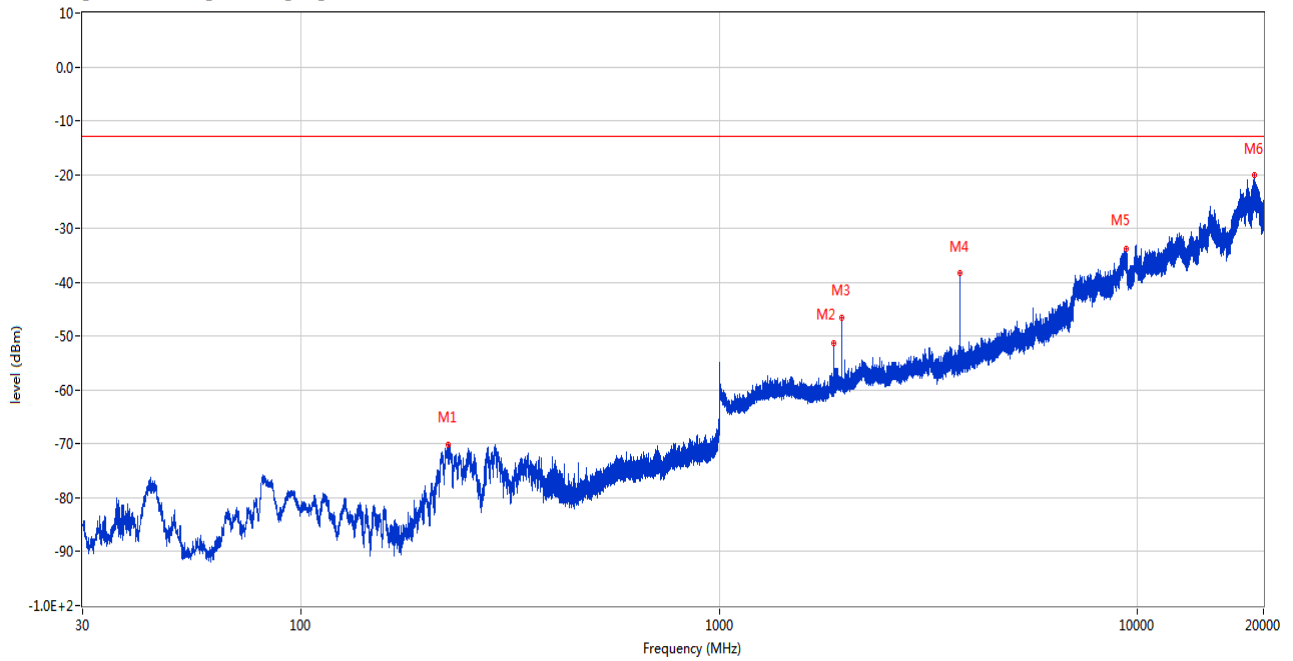


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.705          | -59.66       | -19.08      | -13.0          | -46.66          | 234.00    | Vertical | Vertical | Pass    |
| 1850.300        | -53.53       | -1.29       | -13.0          | -40.53          | 213.00    | Vertical | Vertical | N/A     |
| 1915.300        | -56.84       | -0.18       | -13.0          | -43.84          | 213.00    | Vertical | Vertical | Pass    |
| 3700.200        | -42.46       | 4.40        | -13.0          | -29.46          | 248.00    | Vertical | Vertical | Pass    |
| 9321.850        | -34.25       | 35.88       | -13.0          | -21.25          | 274.00    | Vertical | Vertical | Pass    |
| 19058.588       | -21.11       | 44.65       | -13.0          | -8.11           | 73.00     | Vertical | Vertical | Pass    |

## 2.2 GPRS 1900 Middle Channel

### RSE-H&V GPRS 1900 CH661

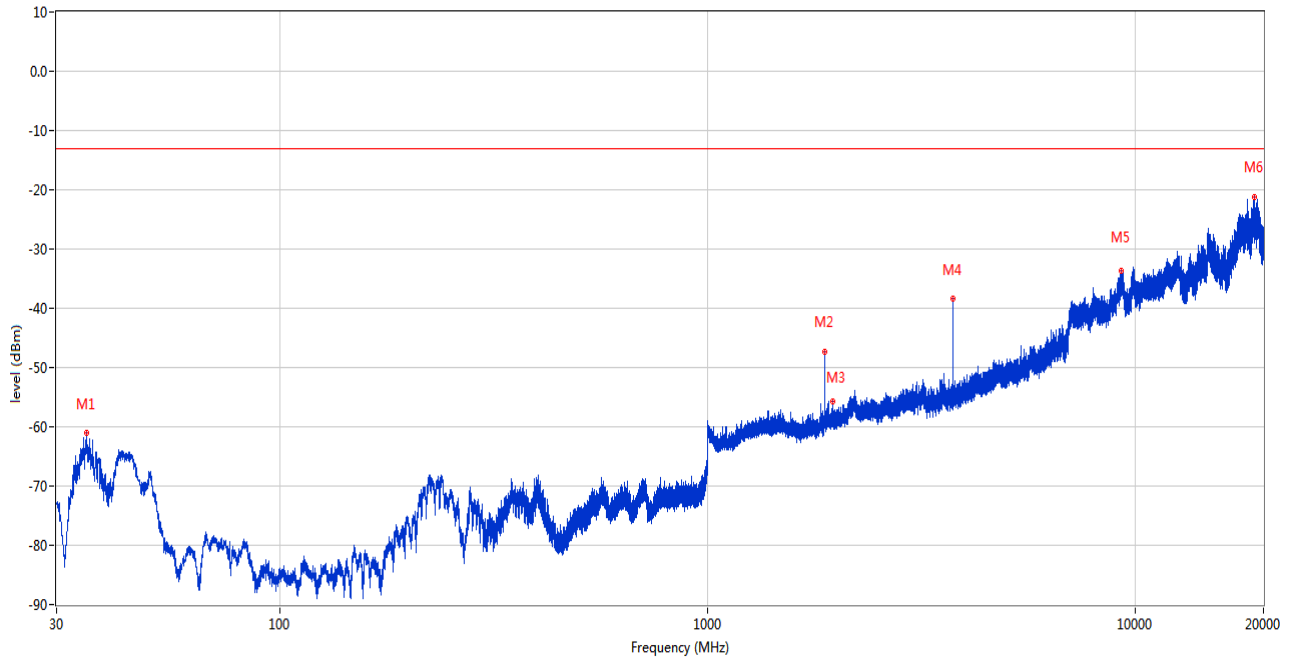
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 224.000         | -70.04       | -15.01      | -13.0          | -57.04          | 109.00    | Horizontal | Vertical | Pass    |
| 1880.000        | -51.36       | -1.00       | -13.0          | -38.36          | 20.00     | Horizontal | Vertical | N/A     |
| 1959.900        | -46.47       | -1.11       | -13.0          | -33.47          | 132.00    | Horizontal | Vertical | N/A     |
| 3759.800        | -38.33       | 4.95        | -13.0          | -25.33          | 360.00    | Horizontal | Vertical | Pass    |
| 9371.300        | -33.84       | 36.03       | -13.0          | -20.84          | 183.00    | Horizontal | Vertical | Pass    |
| 19058.950       | -20.12       | 44.69       | -13.0          | -7.12           | 27.00     | Horizontal | Vertical | Pass    |

## RSE-V&V GPRS 1900 CH661

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

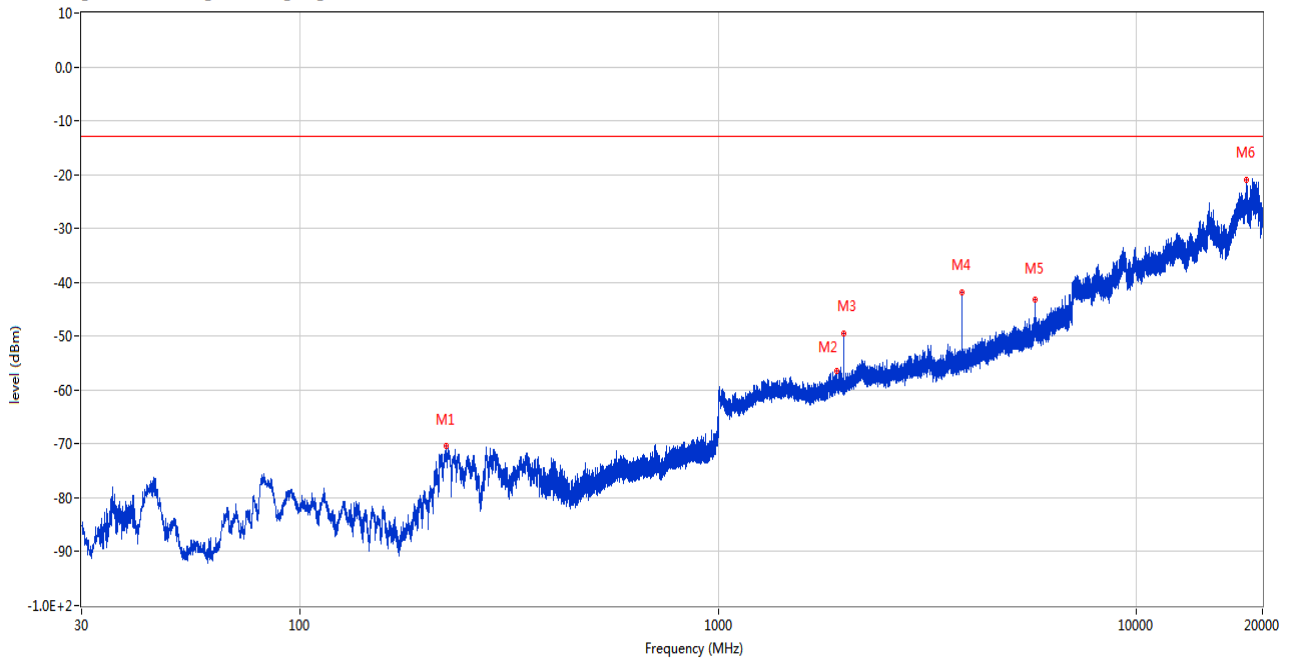


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.335          | -61.02       | -19.01      | -13.0          | -48.02          | 253.00    | Vertical | Vertical | Pass    |
| 1880.100        | -47.38       | -1.00       | -13.0          | -34.38          | 210.00    | Vertical | Vertical | N/A     |
| 1960.400        | -55.68       | -1.17       | -13.0          | -42.68          | 268.00    | Vertical | Vertical | N/A     |
| 3760.000        | -38.47       | 4.98        | -13.0          | -25.47          | 237.00    | Vertical | Vertical | Pass    |
| 9278.437        | -33.77       | 36.11       | -13.0          | -20.77          | 69.00     | Vertical | Vertical | Pass    |
| 19058.225       | -21.32       | 44.62       | -13.0          | -8.32           | 53.00     | Vertical | Vertical | Pass    |

## 2.3 GPRS 1900 High Channel

### RSE-H&V GPRS 1900 CH810

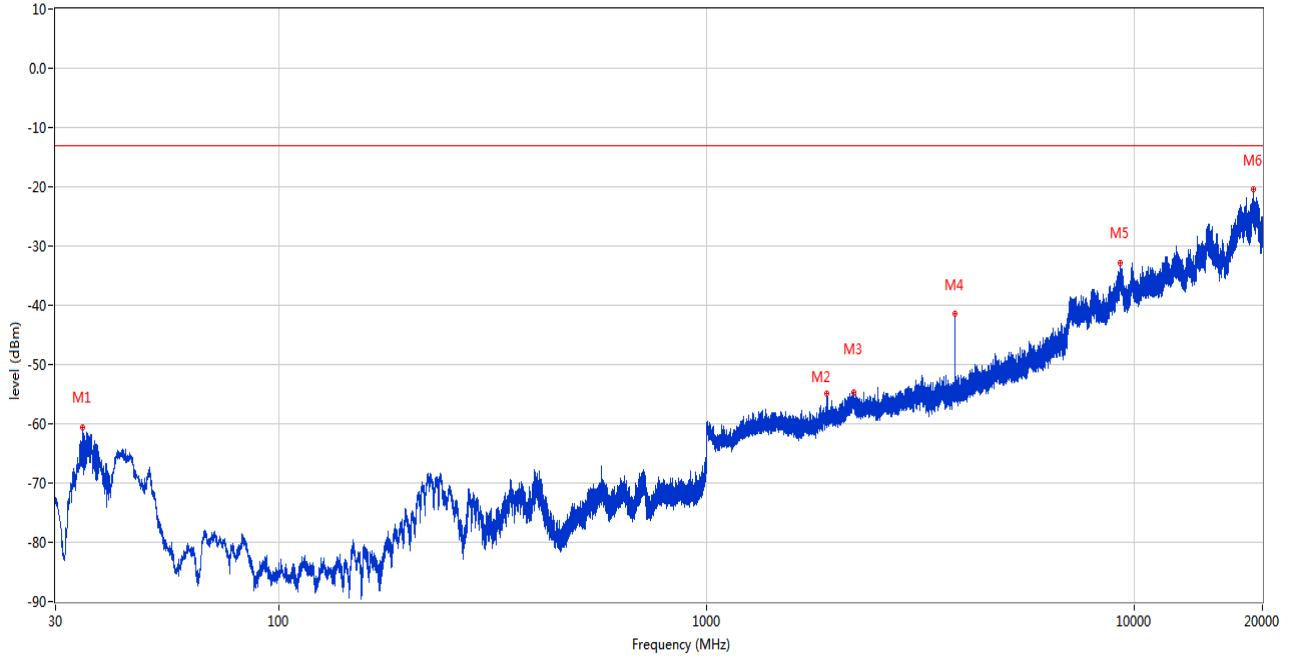
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 223.176         | -70.31       | -15.04      | -13.0          | -57.31          | 140.00    | Horizontal | Vertical | Pass    |
| 1916.000        | -56.49       | -0.15       | -13.0          | -43.49          | 16.00     | Horizontal | Vertical | N/A     |
| 1989.700        | -49.51       | -1.90       | -13.0          | -36.51          | 248.00    | Horizontal | Vertical | N/A     |
| 3819.400        | -41.80       | 5.17        | -13.0          | -28.80          | 360.00    | Horizontal | Vertical | Pass    |
| 5729.000        | -43.23       | 11.82       | -13.0          | -30.23          | 331.00    | Horizontal | Vertical | Pass    |
| 18357.150       | -20.91       | 44.30       | -13.0          | -7.91           | 235.00    | Horizontal | Vertical | Pass    |

## RSE-V&V GPRS 1900 CH810

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.705          | -60.55       | -19.08      | -13.0          | -47.55          | 274.00    | Vertical | Vertical | Pass    |
| 1915.100        | -54.99       | -0.19       | -13.0          | -41.99          | 351.00    | Vertical | Vertical | N/A     |
| 2209.700        | -54.75       | 1.72        | -13.0          | -41.75          | 136.00    | Vertical | Vertical | N/A     |
| 3819.600        | -41.51       | 5.17        | -13.0          | -28.51          | 307.00    | Vertical | Vertical | Pass    |
| 9297.988        | -32.91       | 35.99       | -13.0          | -19.91          | 235.00    | Vertical | Vertical | Pass    |
| 19061.125       | -20.32       | 44.79       | -13.0          | -7.32           | 116.00    | Vertical | Vertical | Pass    |

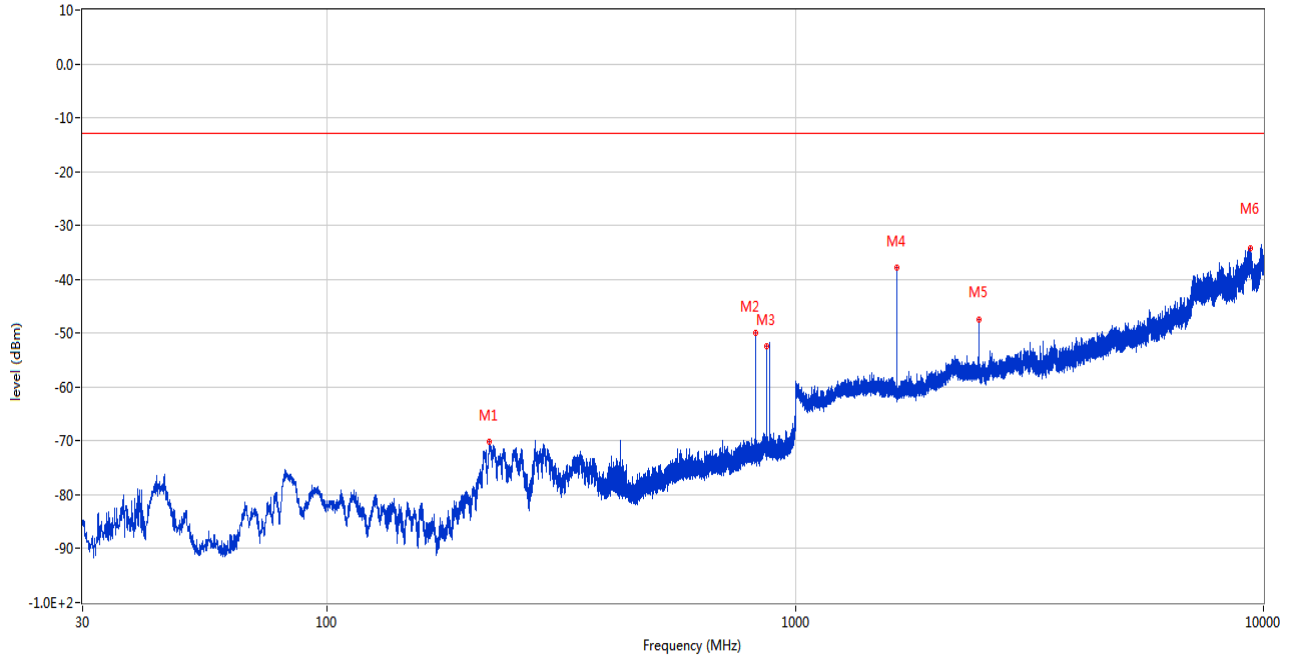
## EGPRS

### 3 EGPRS 850

#### 3.1 EGPRS 850 Low Channel

##### RSE-H&V EGPRS 850 CH128

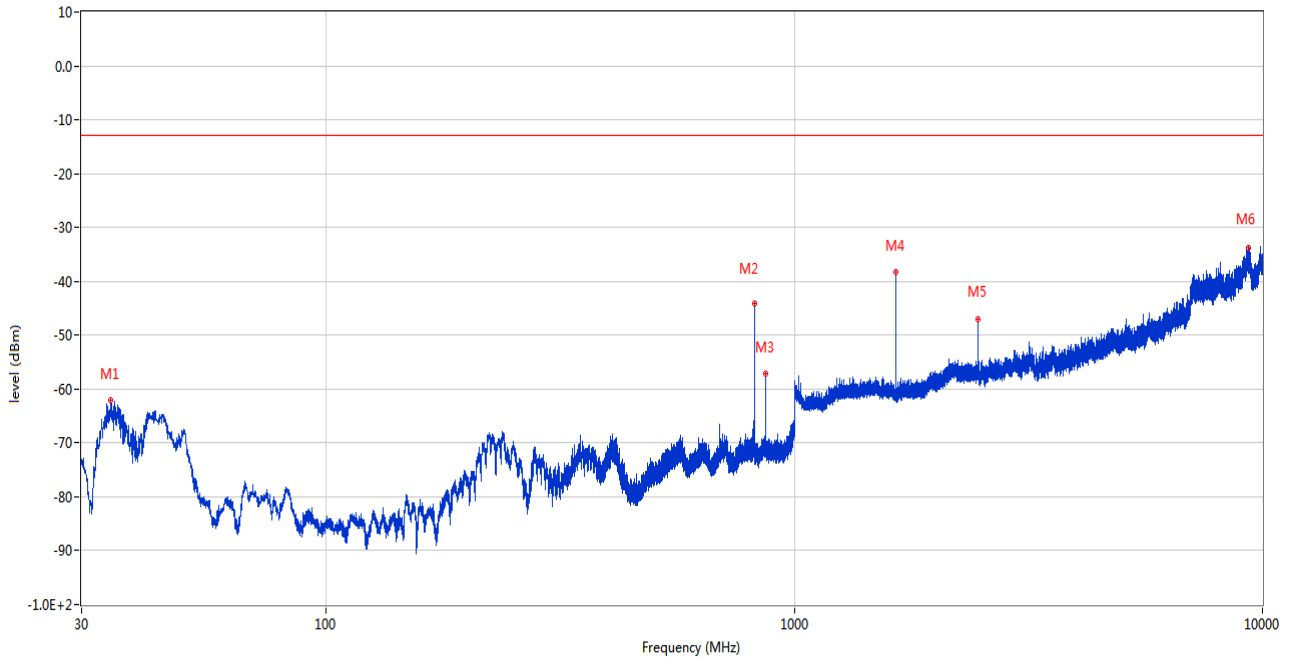
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 222.109         | -70.18       | -14.92      | -13.0          | -57.18          | 134.00    | Horizontal | Vertical | Pass    |
| 824.236         | -49.96       | -1.52       | -13.0          | -36.96          | 9.00      | Horizontal | Vertical | N/A     |
| 869.244         | -52.35       | -1.22       | -13.0          | -39.35          | 80.00     | Horizontal | Vertical | N/A     |
| 1648.200        | -37.73       | -3.95       | -13.0          | -24.73          | 283.00    | Horizontal | Vertical | Pass    |
| 2472.500        | -47.38       | 0.94        | -13.0          | -34.38          | 252.00    | Horizontal | Vertical | Pass    |
| 9370.750        | -34.26       | 36.02       | -13.0          | -21.26          | 0.00      | Horizontal | Vertical | Pass    |

## RSE-V&V EGPRS 850 CH128

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

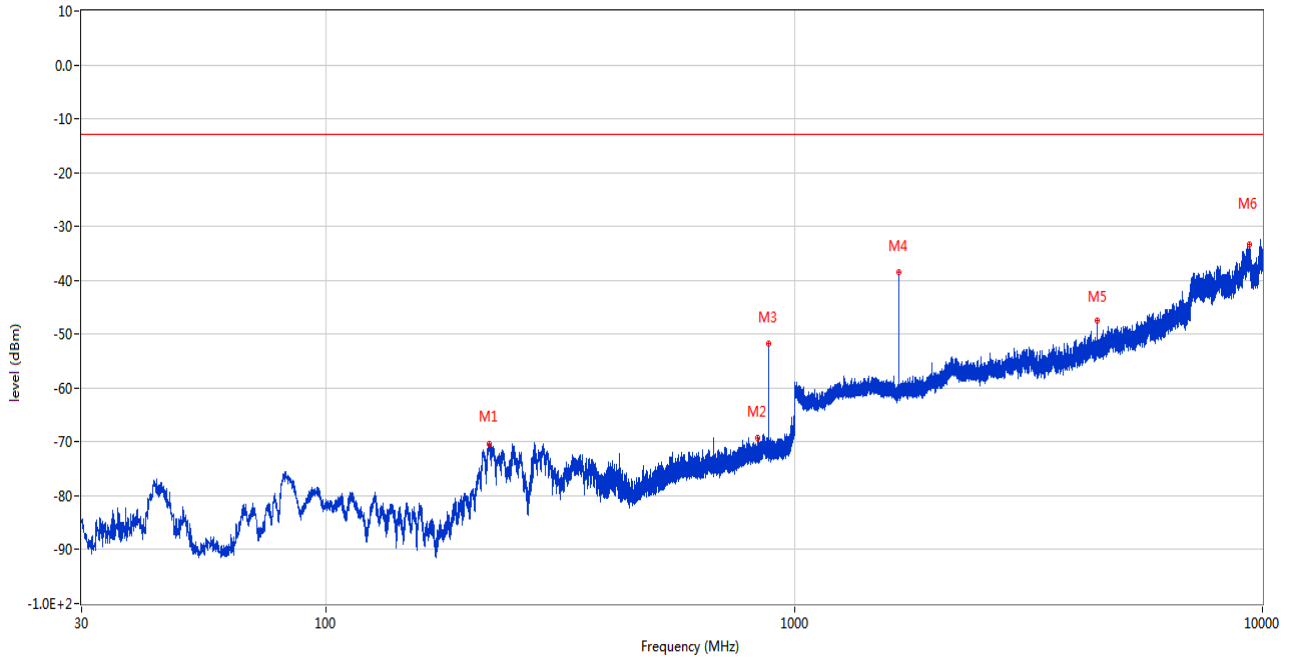


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.608          | -62.05       | -18.93      | -13.0          | -49.05          | 196.00    | Vertical | Vertical | Pass    |
| 824.139         | -44.04       | -1.52       | -13.0          | -31.04          | 180.00    | Vertical | Vertical | N/A     |
| 869.147         | -57.08       | -1.22       | -13.0          | -44.08          | 201.00    | Vertical | Vertical | N/A     |
| 1648.200        | -38.26       | -3.95       | -13.0          | -25.26          | 126.00    | Vertical | Vertical | Pass    |
| 2472.700        | -46.96       | 0.94        | -13.0          | -33.96          | 148.00    | Vertical | Vertical | Pass    |
| 9340.000        | -33.81       | 35.87       | -13.0          | -20.81          | 224.00    | Vertical | Vertical | Pass    |

### 3.2 EGPRS 850 Middle Channel

#### RSE-H&V EGPRS 850 CH190

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

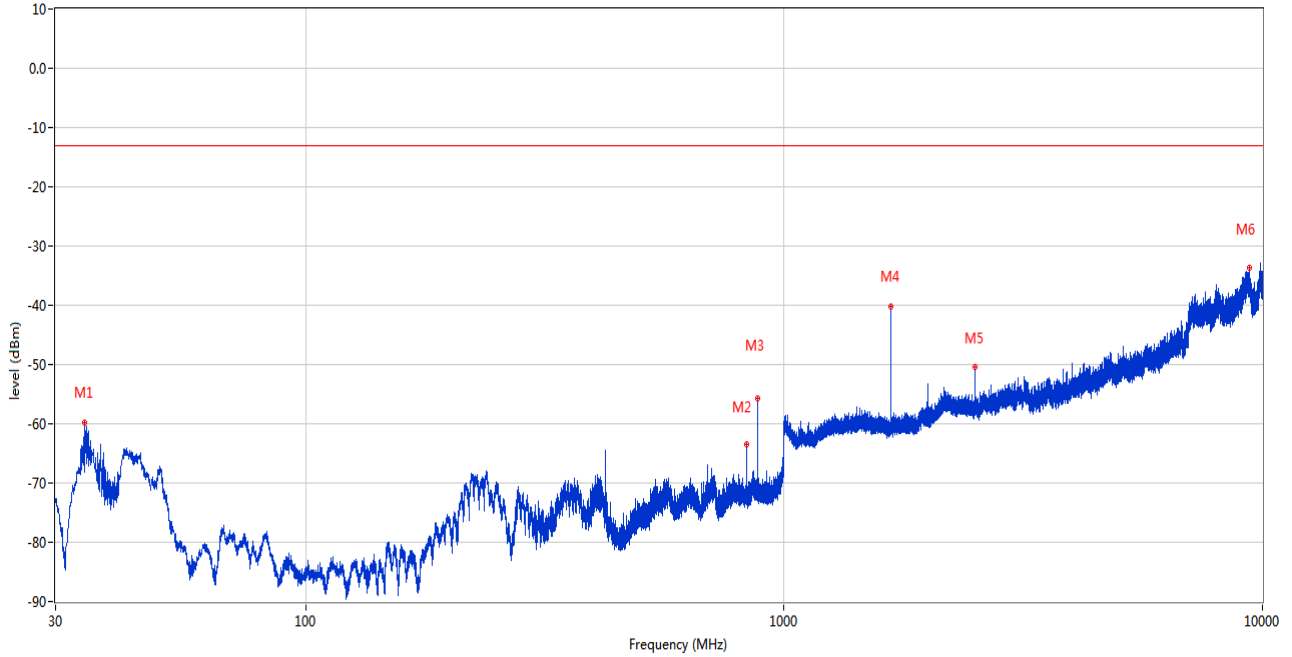


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 222.594         | -70.47       | -14.99      | -13.0          | -57.47          | 131.00    | Horizontal | Vertical | Pass    |
| 836.555         | -69.31       | -1.33       | -13.0          | -56.31          | 194.00    | Horizontal | Vertical | N/A     |
| 881.612         | -51.79       | -1.28       | -13.0          | -38.79          | 75.00     | Horizontal | Vertical | N/A     |
| 1673.200        | -38.51       | -3.65       | -13.0          | -25.51          | 325.00    | Horizontal | Vertical | Pass    |
| 4440.800        | -47.58       | 7.79        | -13.0          | -34.58          | 290.00    | Horizontal | Vertical | Pass    |
| 9375.549        | -33.35       | 36.14       | -13.0          | -20.35          | 349.00    | Horizontal | Vertical | Pass    |



## RSE-V&V EGPRS 850 CH190

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

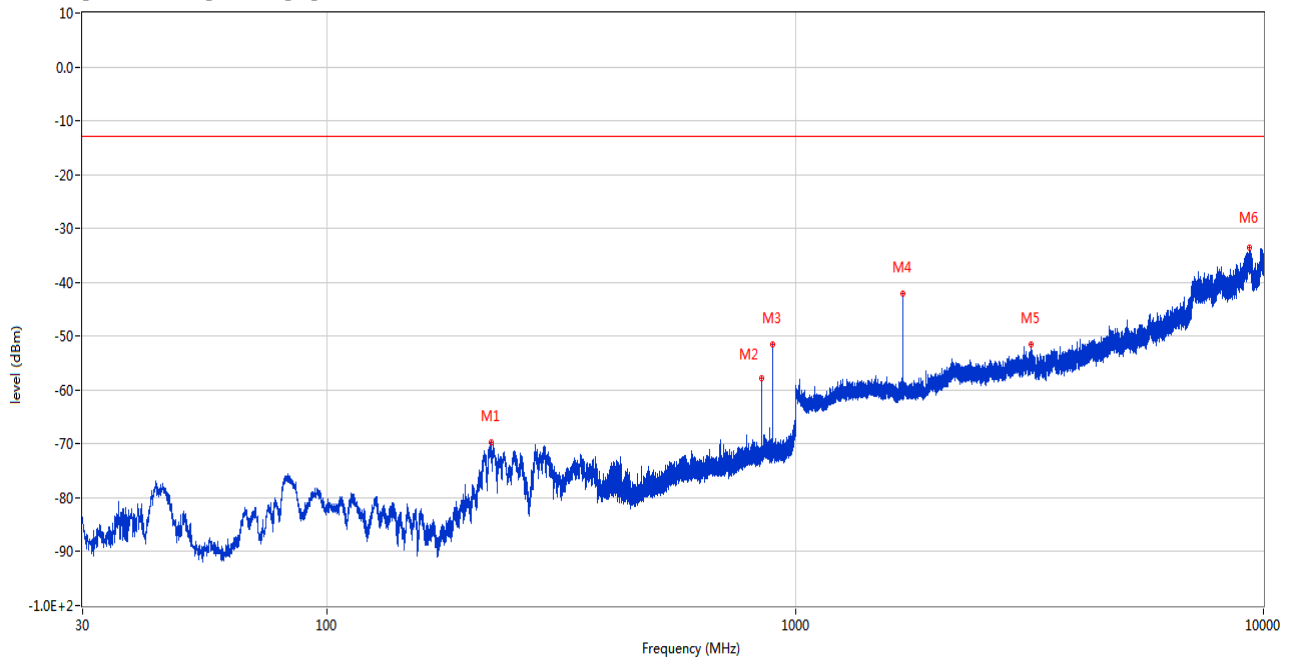


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.462          | -59.69       | -18.95      | -13.0          | -46.69          | 291.00    | Vertical | Vertical | Pass    |
| 836.506         | -63.39       | -1.33       | -13.0          | -50.39          | 110.00    | Vertical | Vertical | N/A     |
| 881.660         | -55.75       | -1.27       | -13.0          | -42.75          | 204.00    | Vertical | Vertical | N/A     |
| 1673.200        | -40.28       | -3.65       | -13.0          | -27.28          | 91.00     | Vertical | Vertical | Pass    |
| 2509.800        | -50.43       | 1.27        | -13.0          | -37.43          | 47.00     | Vertical | Vertical | Pass    |
| 9394.150        | -33.72       | 36.44       | -13.0          | -20.72          | 336.00    | Vertical | Vertical | Pass    |

### 3.3 EGPRS 850 High Channel

#### RSE-H&V EGPRS 850 CH251

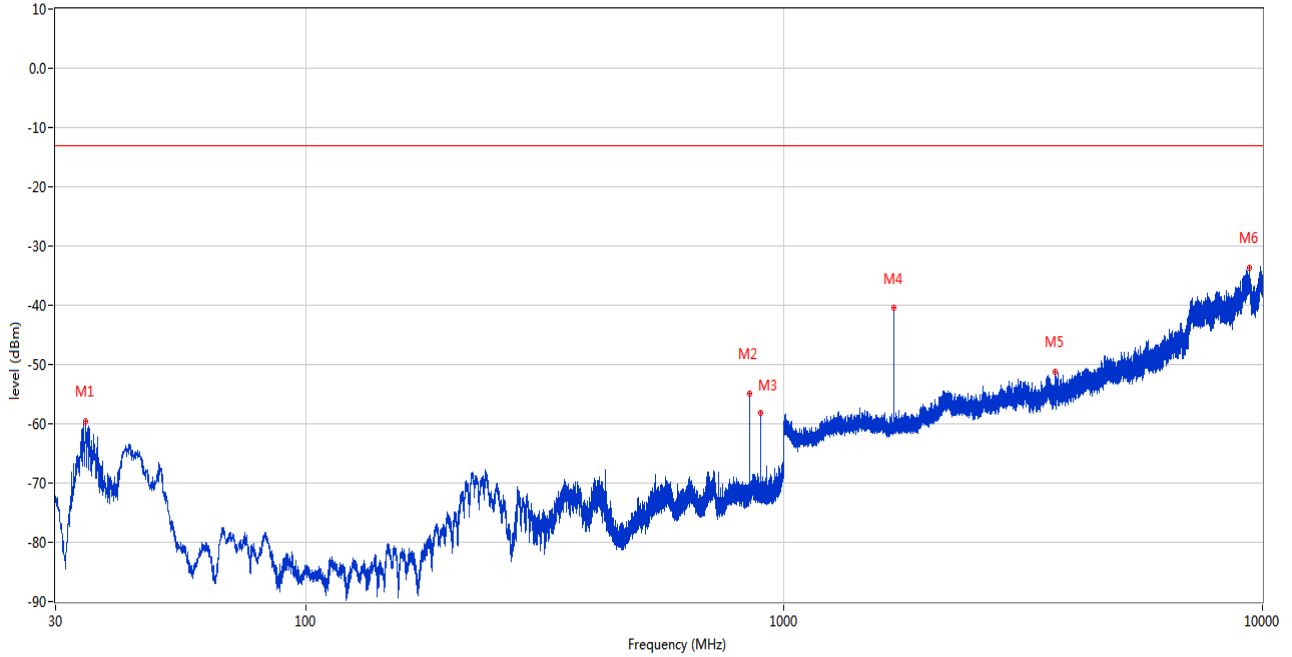
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 223.758         | -69.61       | -15.06      | -13.0          | -56.61          | 138.00    | Horizontal | Vertical | Pass    |
| 848.777         | -57.81       | -0.94       | -13.0          | -44.81          | 145.00    | Horizontal | Vertical | N/A     |
| 893.737         | -51.44       | -1.31       | -13.0          | -38.44          | 83.00     | Horizontal | Vertical | N/A     |
| 1697.700        | -42.10       | -3.31       | -13.0          | -29.10          | 349.00    | Horizontal | Vertical | Pass    |
| 3188.200        | -51.58       | 5.18        | -13.0          | -38.58          | 360.00    | Horizontal | Vertical | Pass    |
| 9355.000        | -33.50       | 35.79       | -13.0          | -20.50          | 143.00    | Horizontal | Vertical | Pass    |

## RSE-V&V EGPRS 850 CH251

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



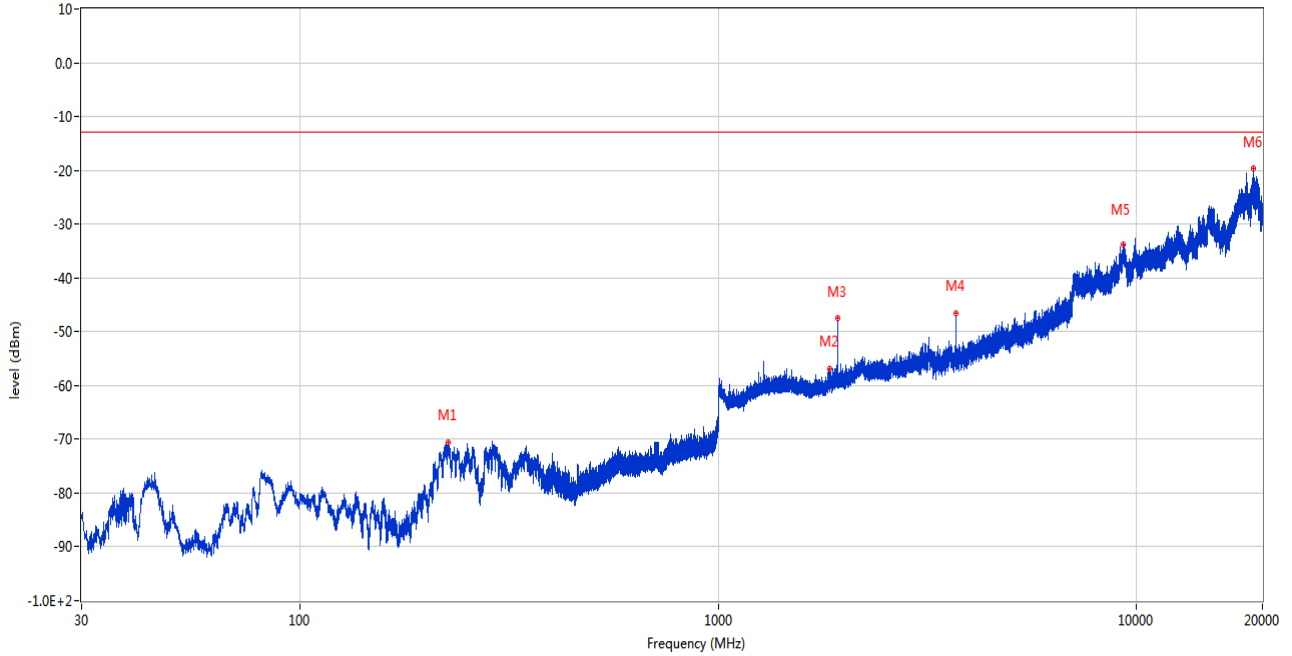
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.656          | -59.67       | -18.93      | -13.0          | -46.67          | 271.00    | Vertical | Vertical | Pass    |
| 848.680         | -54.95       | -0.94       | -13.0          | -41.95          | 52.00     | Vertical | Vertical | N/A     |
| 893.785         | -58.25       | -1.31       | -13.0          | -45.25          | 72.00     | Vertical | Vertical | N/A     |
| 1697.300        | -40.49       | -3.34       | -13.0          | -27.49          | 0.00      | Vertical | Vertical | Pass    |
| 3687.000        | -51.32       | 5.09        | -13.0          | -38.32          | 349.00    | Vertical | Vertical | Pass    |
| 9375.250        | -33.63       | 36.13       | -13.0          | -20.63          | 316.00    | Vertical | Vertical | Pass    |

## 4 EGPRS 1900

### 4.1 EGPRS 1900 Low Channel

#### RSE-H&V EGPRS 1900 CH512

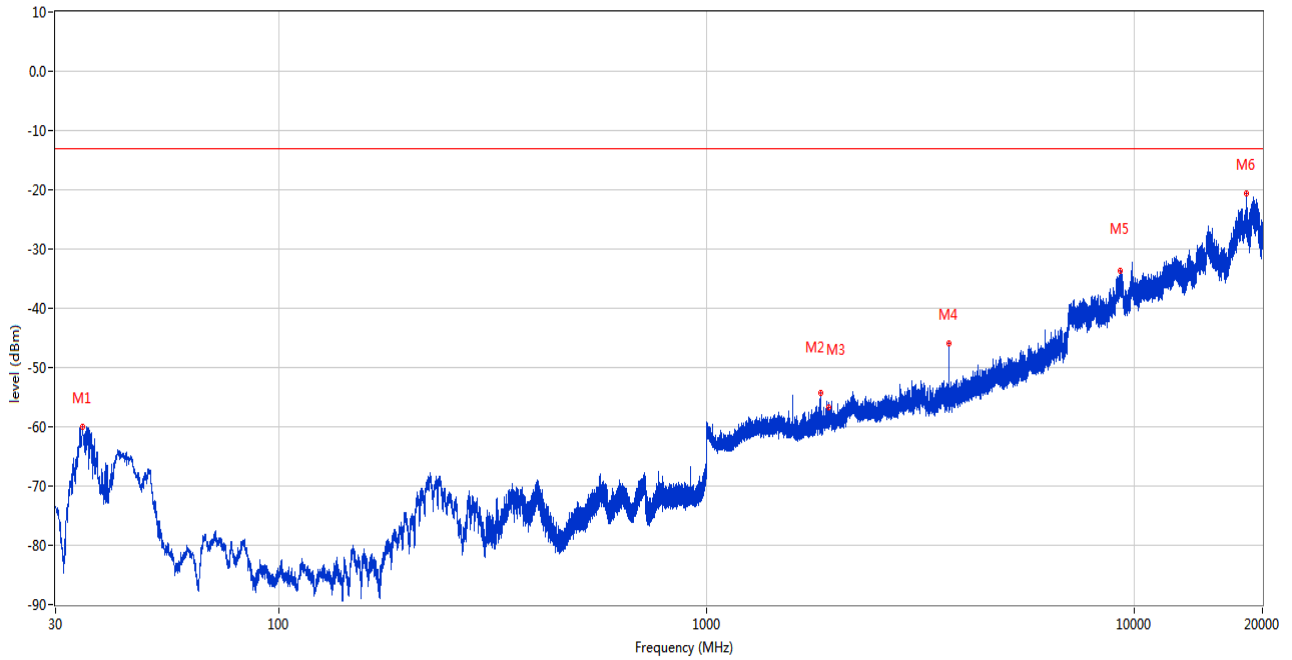
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 225.406         | -70.51       | -14.89      | -13.0          | -57.51          | 151.00    | Horizontal | Vertical | Pass    |
| 1842.700        | -56.90       | -1.42       | -13.0          | -43.90          | 350.00    | Horizontal | Vertical | N/A     |
| 1930.400        | -47.58       | -1.88       | -13.0          | -34.58          | 136.00    | Horizontal | Vertical | N/A     |
| 3700.200        | -46.62       | 4.40        | -13.0          | -33.62          | 145.00    | Horizontal | Vertical | Pass    |
| 9274.412        | -33.72       | 36.12       | -13.0          | -20.72          | 0.00      | Horizontal | Vertical | Pass    |
| 19079.250       | -19.65       | 44.77       | -13.0          | -6.65           | 18.00     | Horizontal | Vertical | Pass    |

## RSE-V&V EGPRS 1900 CH512

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

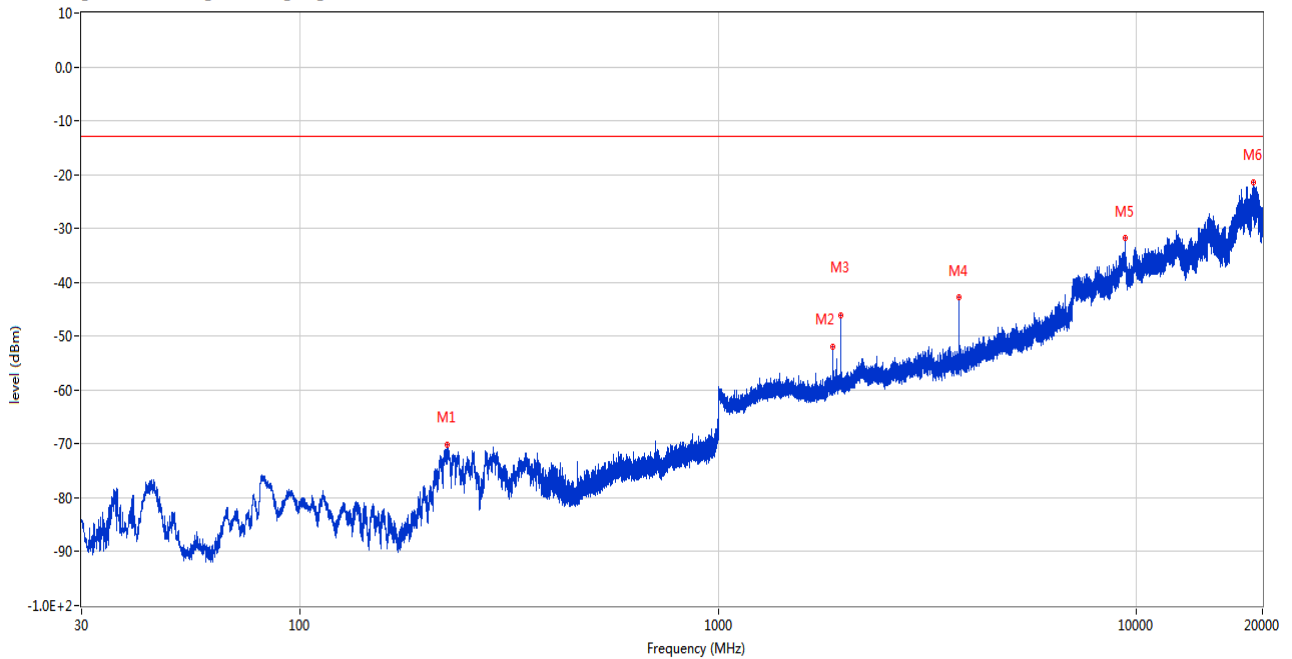


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 34.753          | -60.07       | -19.08      | -13.0          | -47.07          | 231.00    | Vertical | Vertical | Pass    |
| 1850.200        | -54.35       | -1.29       | -13.0          | -41.35          | 210.00    | Vertical | Vertical | N/A     |
| 1930.200        | -56.75       | -1.85       | -13.0          | -43.75          | 4.00      | Vertical | Vertical | N/A     |
| 3700.200        | -45.96       | 4.40        | -13.0          | -32.96          | 317.00    | Vertical | Vertical | Pass    |
| 9299.713        | -33.76       | 35.98       | -13.0          | -20.76          | 251.00    | Vertical | Vertical | Pass    |
| 18357.512       | -20.59       | 44.36       | -13.0          | -7.59           | 265.00    | Vertical | Vertical | Pass    |

## 4.2 EGPRS 1900 Middle Channel

### RSE-H&V EGPRS 1900 CH661

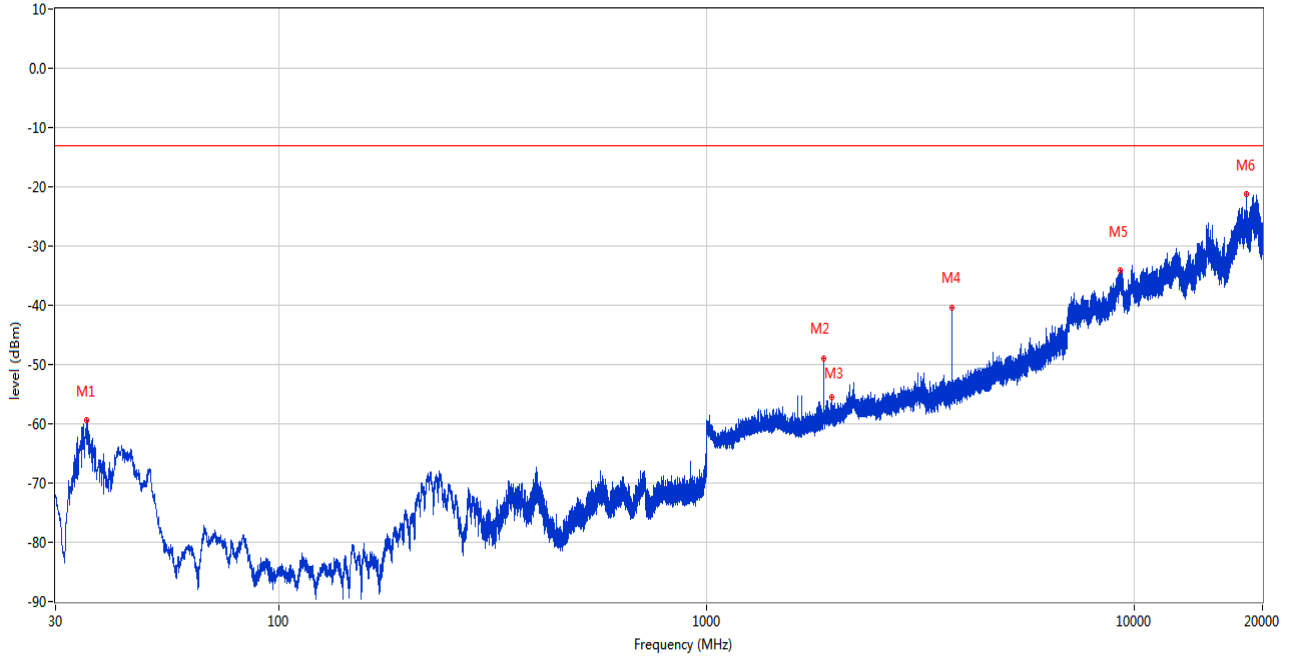
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 225.164         | -70.18       | -14.92      | -13.0          | -57.18          | 163.00    | Horizontal | Vertical | Pass    |
| 1879.800        | -52.00       | -1.01       | -13.0          | -39.00          | 7.00      | Horizontal | Vertical | N/A     |
| 1959.800        | -46.19       | -1.10       | -13.0          | -33.19          | 134.00    | Horizontal | Vertical | N/A     |
| 3759.600        | -42.84       | 4.91        | -13.0          | -29.84          | 263.00    | Horizontal | Vertical | Pass    |
| 9393.724        | -31.85       | 36.43       | -13.0          | -18.85          | 342.00    | Horizontal | Vertical | Pass    |
| 19064.750       | -21.36       | 44.78       | -13.0          | -8.36           | 8.00      | Horizontal | Vertical | Pass    |

## RSE-V&V EGPRS 1900 CH661

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

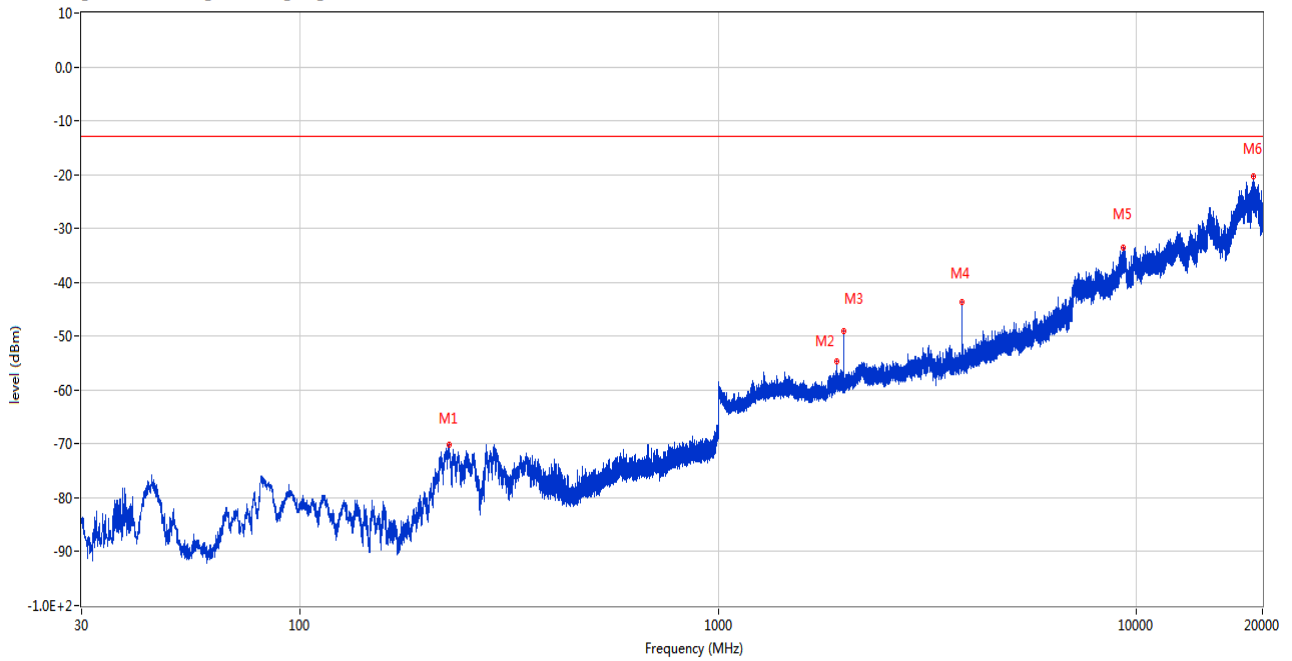


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.383          | -59.49       | -19.00      | -13.0          | -46.49          | 253.00    | Vertical | Vertical | Pass    |
| 1880.000        | -49.07       | -1.00       | -13.0          | -36.07          | 199.00    | Vertical | Vertical | N/A     |
| 1959.700        | -55.57       | -1.09       | -13.0          | -42.57          | 209.00    | Vertical | Vertical | N/A     |
| 3759.800        | -40.32       | 4.95        | -13.0          | -27.32          | 240.00    | Vertical | Vertical | Pass    |
| 9318.974        | -34.08       | 35.88       | -13.0          | -21.08          | 350.00    | Vertical | Vertical | Pass    |
| 18362.225       | -21.30       | 44.29       | -13.0          | -8.30           | 328.00    | Vertical | Vertical | Pass    |

### 4.3 EGPRS 1900 High Channel

#### RSE-H&V EGPRS 1900 CH810

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

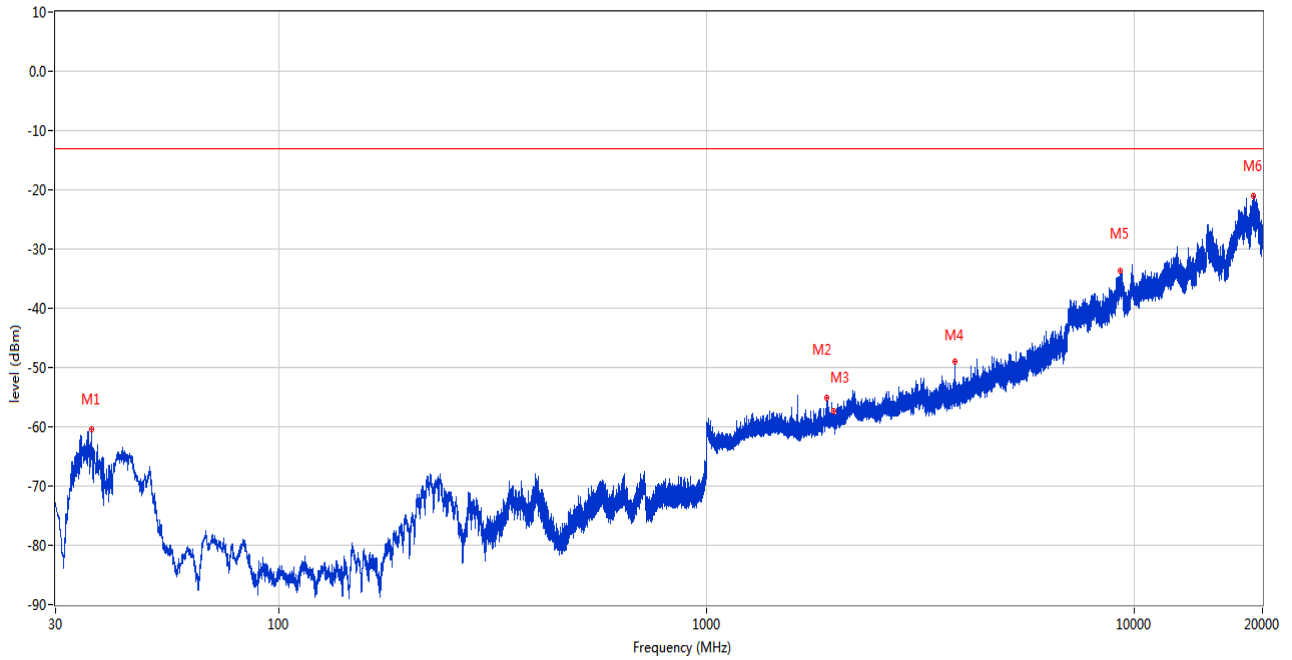


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 226.619         | -70.24       | -15.05      | -13.0          | -57.24          | 139.00    | Horizontal | Vertical | Pass    |
| 1915.800        | -54.70       | -0.16       | -13.0          | -41.70          | 113.00    | Horizontal | Vertical | N/A     |
| 1989.800        | -48.97       | -1.89       | -13.0          | -35.97          | 133.00    | Horizontal | Vertical | N/A     |
| 3819.600        | -43.58       | 5.17        | -13.0          | -30.58          | 275.00    | Horizontal | Vertical | Pass    |
| 9309.200        | -33.61       | 35.93       | -13.0          | -20.61          | 250.00    | Horizontal | Vertical | Pass    |
| 19069.463       | -20.20       | 44.78       | -13.0          | -7.20           | 299.00    | Horizontal | Vertical | Pass    |



## RSE-V&V EGPRS 1900 CH810

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 36.402          | -60.39       | -18.94      | -13.0          | -47.39          | 227.00    | Vertical | Vertical | Pass    |
| 1916.200        | -55.09       | -0.15       | -13.0          | -42.09          | 207.00    | Vertical | Vertical | N/A     |
| 1990.700        | -57.29       | -1.78       | -13.0          | -44.29          | 167.00    | Vertical | Vertical | N/A     |
| 3819.600        | -49.04       | 5.17        | -13.0          | -36.04          | 195.00    | Vertical | Vertical | Pass    |
| 9287.638        | -33.65       | 36.06       | -13.0          | -20.65          | 76.00     | Vertical | Vertical | Pass    |
| 19065.838       | -20.94       | 44.78       | -13.0          | -7.94           | 51.00     | Vertical | Vertical | Pass    |

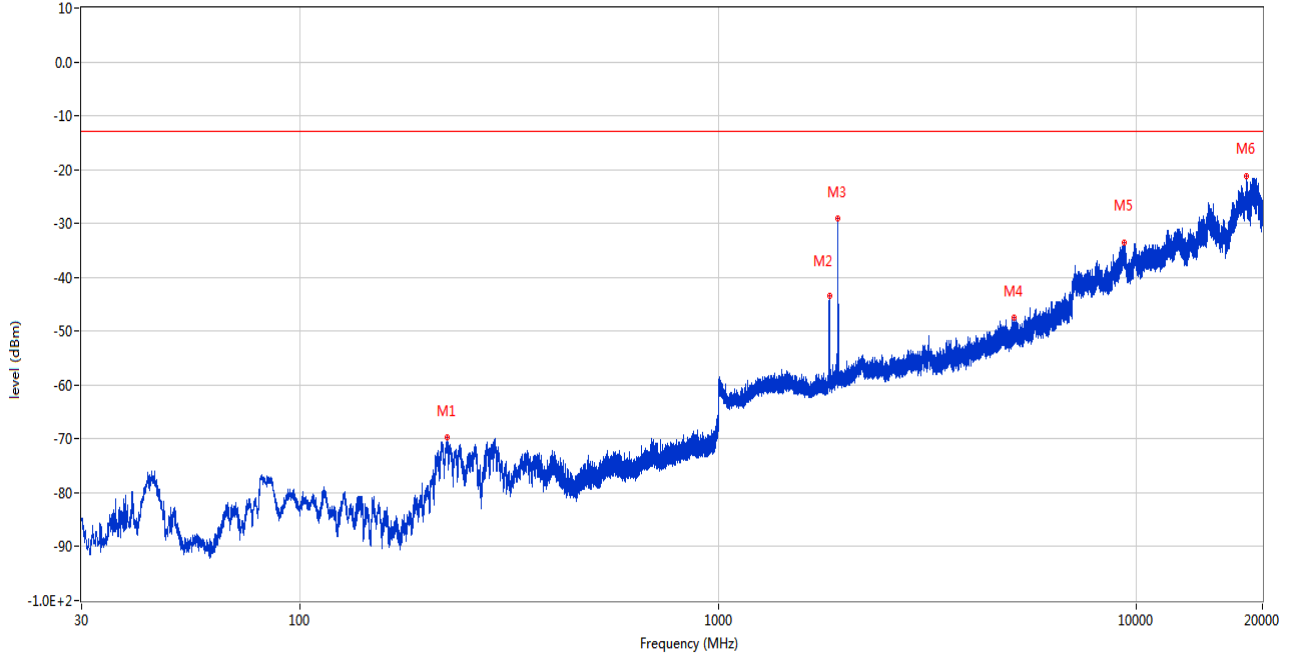
## WCDMA

### 5 WCDMA Band 2

#### 5.1 WCDMA Band 2 Low Channel

##### RSE-H&V WCDMA Band 2 CH9262

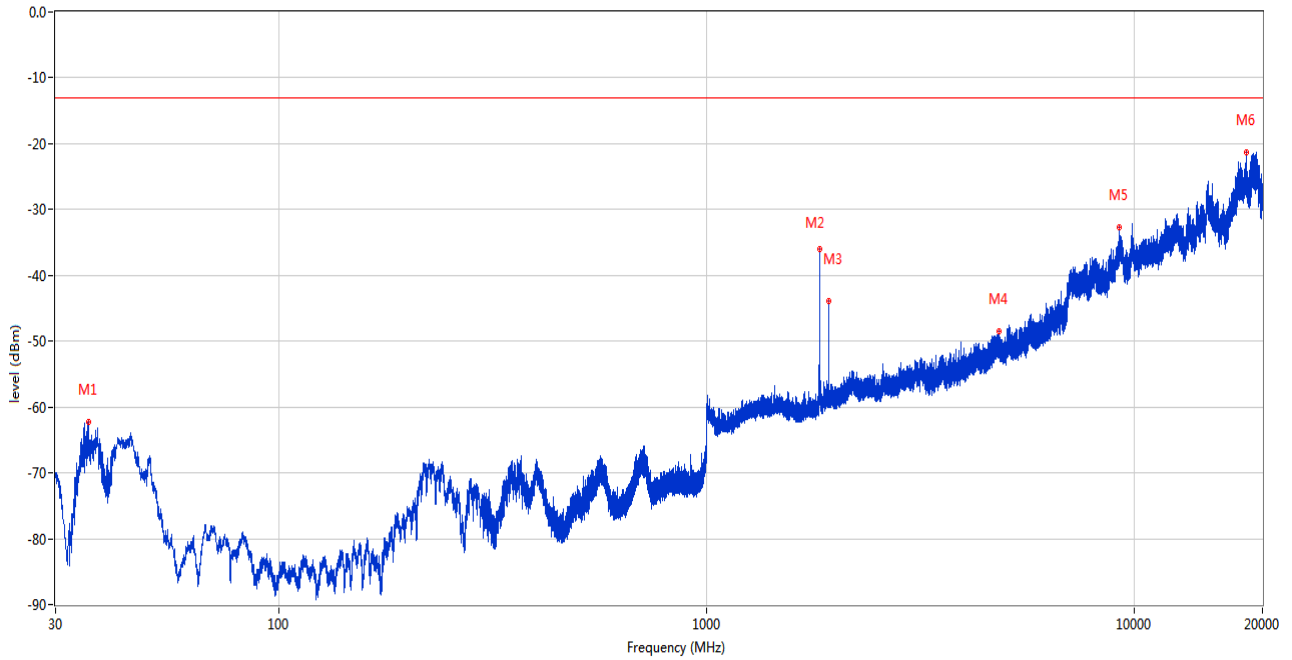
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 224.630         | -69.77       | -14.96      | -13.0          | -56.77          | 140.00    | Horizontal | Vertical | Pass    |
| 1842.700        | -43.52       | -1.42       | -13.0          | -30.52          | 6.00      | Horizontal | Vertical | N/A     |
| 1933.100        | -29.10       | -2.00       | -13.0          | -16.10          | 132.00    | Horizontal | Vertical | N/A     |
| 5104.600        | -47.57       | 9.93        | -13.0          | -34.57          | 167.00    | Horizontal | Vertical | Pass    |
| 9345.424        | -33.45       | 35.84       | -13.0          | -20.45          | 27.00     | Horizontal | Vertical | Pass    |
| 18358.600       | -21.09       | 44.53       | -13.0          | -8.09           | 92.00     | Horizontal | Vertical | Pass    |

## RSE-V&V WCDMA Band 2 CH9262

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

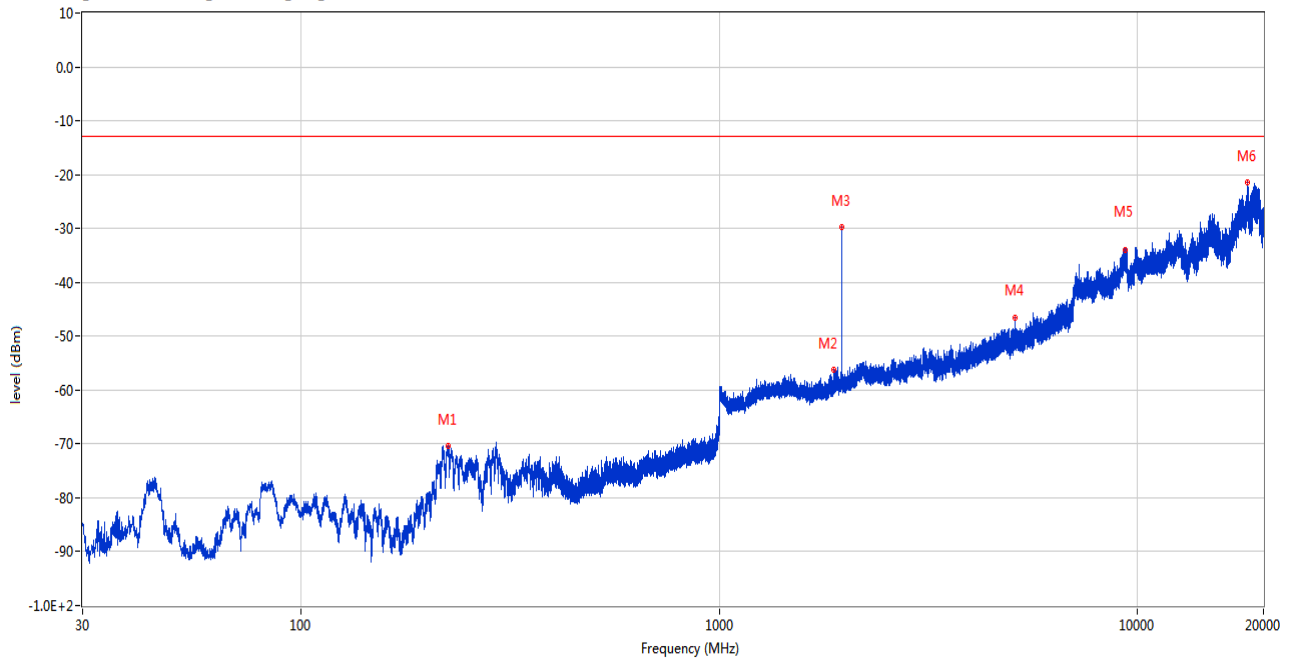


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.868          | -62.28       | -18.94      | -13.0          | -49.28          | 166.00    | Vertical | Vertical | Pass    |
| 1842.800        | -36.06       | -1.42       | -13.0          | -23.06          | 187.00    | Vertical | Vertical | N/A     |
| 1931.000        | -43.97       | -1.97       | -13.0          | -30.97          | 167.00    | Vertical | Vertical | N/A     |
| 4830.600        | -48.53       | 8.50        | -13.0          | -35.53          | 360.00    | Vertical | Vertical | Pass    |
| 9260.613        | -32.62       | 36.16       | -13.0          | -19.62          | 26.00     | Vertical | Vertical | Pass    |
| 18354.614       | -21.22       | 43.91       | -13.0          | -8.22           | 218.00    | Vertical | Vertical | Pass    |

## 5.2 WCDMA Band 2 Middle Channel

### RSE-H&V WCDMA Band 2 CH9400

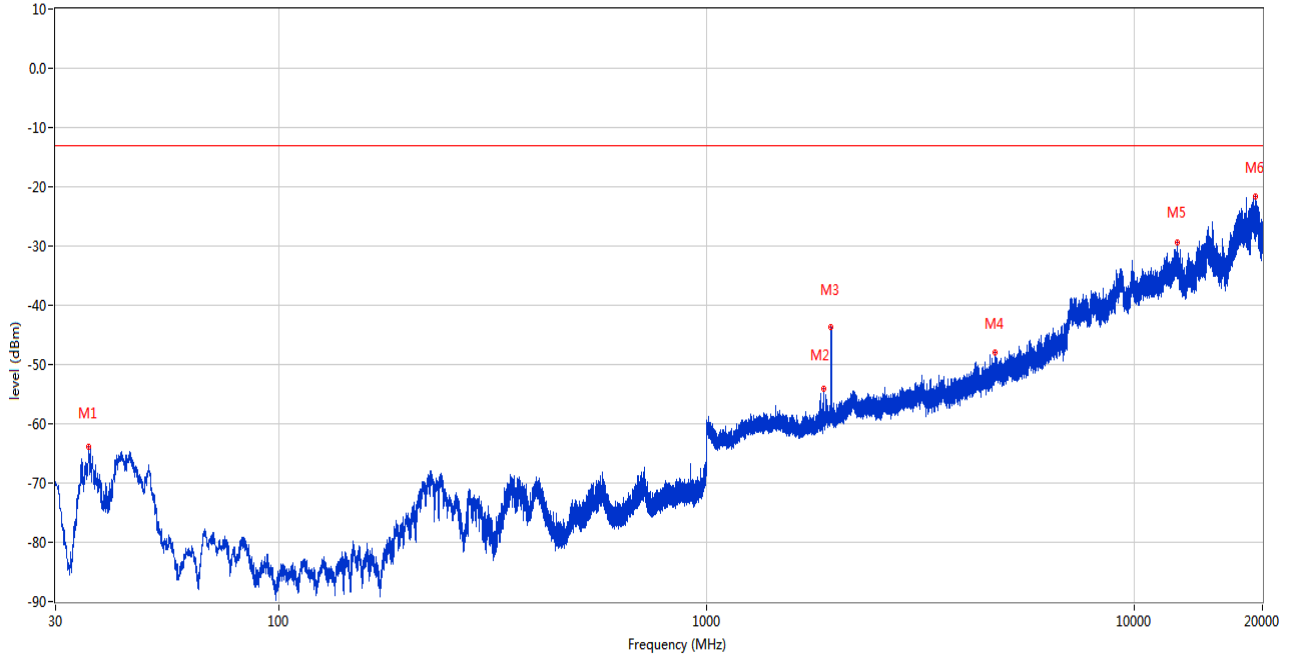
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 224.485         | -70.45       | -14.97      | -13.0          | -57.45          | 146.00    | Horizontal | Vertical | Pass    |
| 1880.500        | -56.12       | -1.00       | -13.0          | -43.12          | 291.00    | Horizontal | Vertical | N/A     |
| 1958.300        | -29.77       | -1.10       | -13.0          | -16.77          | 133.00    | Horizontal | Vertical | N/A     |
| 5093.000        | -46.51       | 10.02       | -13.0          | -33.51          | 181.00    | Horizontal | Vertical | Pass    |
| 9320.700        | -34.04       | 35.88       | -13.0          | -21.04          | 111.00    | Horizontal | Vertical | Pass    |
| 18358.962       | -21.50       | 44.58       | -13.0          | -8.50           | 322.00    | Horizontal | Vertical | Pass    |

## RSE-V&V WCDMA Band 2 CH9400

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

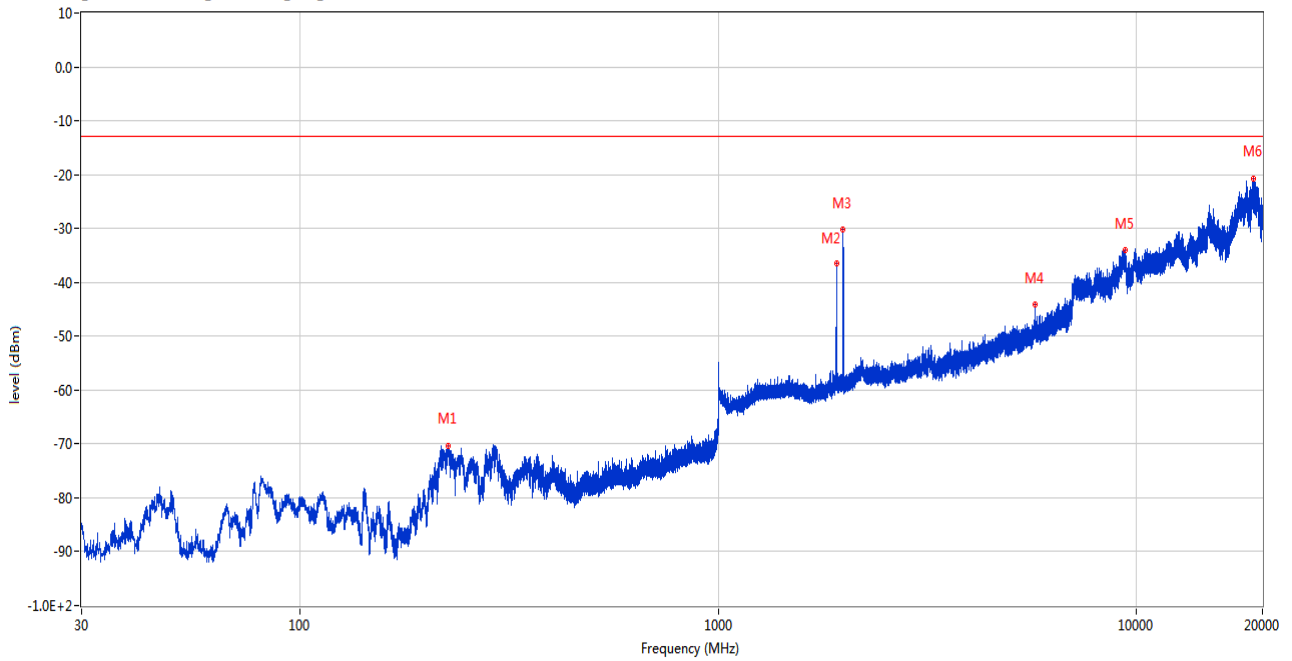


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.820          | -63.92       | -18.95      | -13.0          | -50.92          | 338.00    | Vertical | Vertical | Pass    |
| 1879.200        | -54.15       | -1.01       | -13.0          | -41.15          | 204.00    | Vertical | Vertical | N/A     |
| 1958.600        | -43.73       | -1.10       | -13.0          | -30.73          | 199.00    | Vertical | Vertical | N/A     |
| 4726.400        | -47.98       | 8.03        | -13.0          | -34.98          | 306.00    | Vertical | Vertical | Pass    |
| 12613.724       | -29.43       | 37.83       | -13.0          | -16.43          | 343.00    | Vertical | Vertical | Pass    |
| 19244.188       | -21.73       | 43.27       | -13.0          | -8.73           | 0.00      | Vertical | Vertical | Pass    |

## 5.3 WCDMA Band 2 High Channel

### RSE-H&V WCDMA Band 2 CH9538

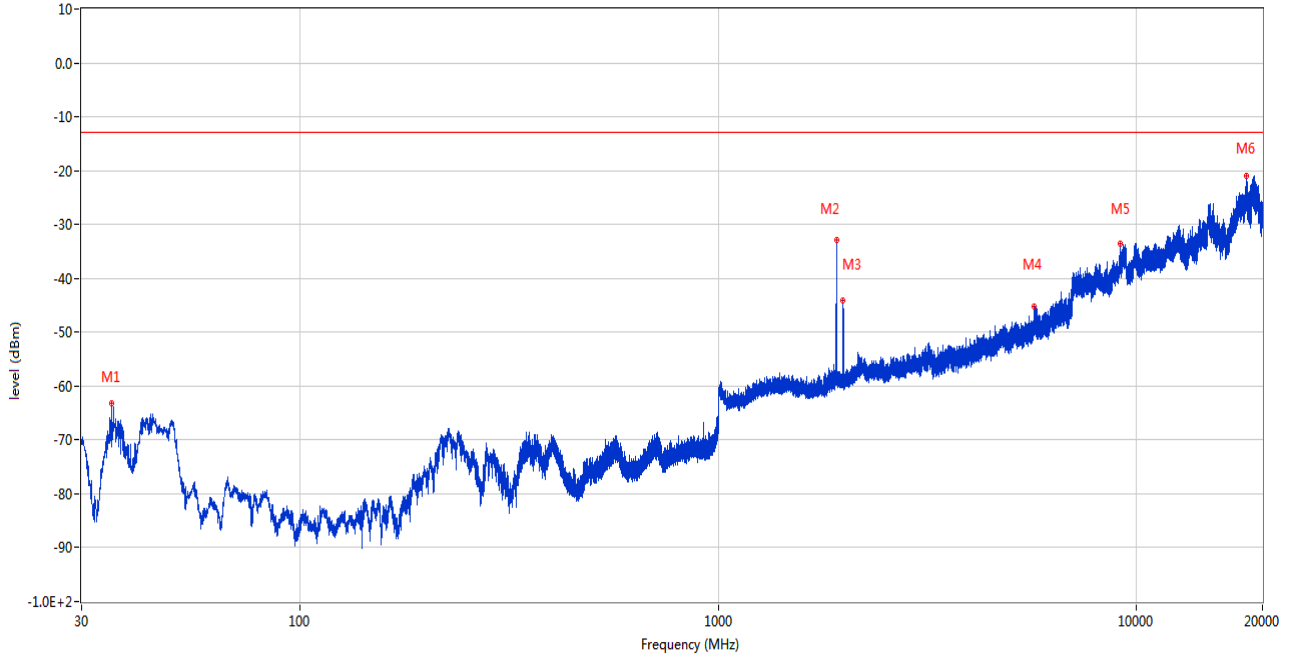
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 225.455         | -70.41       | -14.88      | -13.0          | -57.41          | 159.00    | Horizontal | Vertical | Pass    |
| 1915.400        | -36.51       | -0.18       | -13.0          | -23.51          | 26.00     | Horizontal | Vertical | N/A     |
| 1986.500        | -30.29       | -1.88       | -13.0          | -17.29          | 125.00    | Horizontal | Vertical | N/A     |
| 5720.200        | -44.10       | 11.26       | -13.0          | -31.10          | 294.00    | Horizontal | Vertical | Pass    |
| 9392.000        | -33.90       | 36.41       | -13.0          | -20.90          | 353.00    | Horizontal | Vertical | Pass    |
| 19066.925       | -20.85       | 44.78       | -13.0          | -7.85           | 209.00    | Horizontal | Vertical | Pass    |

## RSE-V&V WCDMA Band 2 CH9538

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



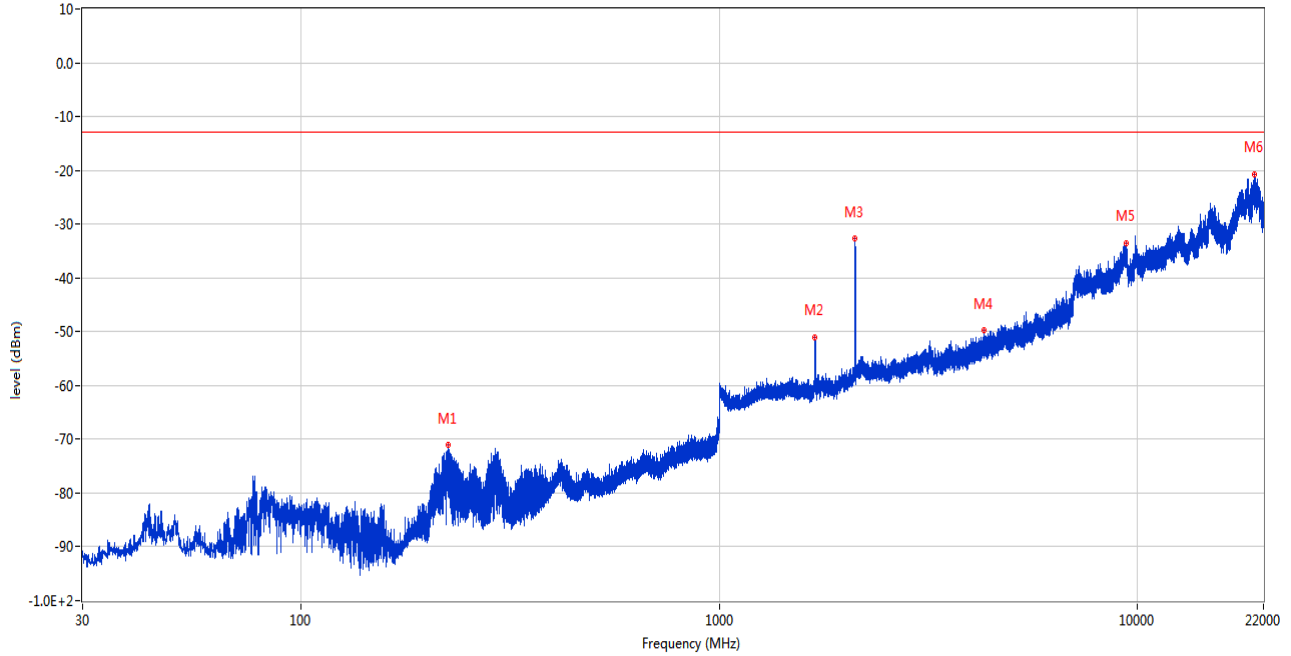
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 35.480          | -63.29       | -18.99      | -13.0          | -50.29          | 241.00    | Vertical | Vertical | Pass    |
| 1915.400        | -32.90       | -0.18       | -13.0          | -19.90          | 189.00    | Vertical | Vertical | N/A     |
| 1986.500        | -43.99       | -1.88       | -13.0          | -30.99          | 210.00    | Vertical | Vertical | N/A     |
| 5692.400        | -45.21       | 10.78       | -13.0          | -32.21          | 103.00    | Vertical | Vertical | Pass    |
| 9151.362        | -33.61       | 35.40       | -13.0          | -20.61          | 104.00    | Vertical | Vertical | Pass    |
| 18357.875       | -20.97       | 44.41       | -13.0          | -7.97           | 263.00    | Vertical | Vertical | Pass    |

## 6 WCDMA Band 4

### 6.1 WCDMA Band 4 Low Channel

#### RSE-H&VWCDMA Band 4 CH1312

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

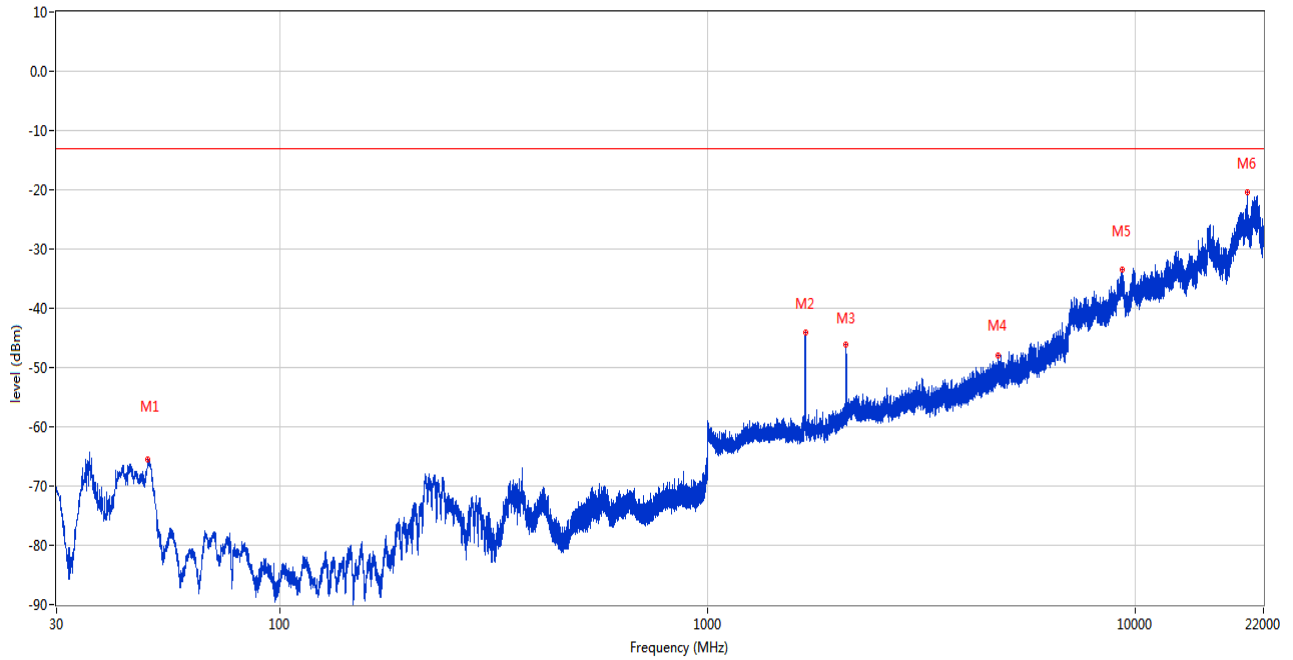


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 225.164         | -70.97       | -15.07      | -13.0          | -57.97          | 124.00    | Horizontal | Vertical | Pass    |
| 1694.800        | -51.03       | -2.26       | -13.0          | -38.03          | 266.00    | Horizontal | Vertical | N/A     |
| 2111.000        | -32.73       | -0.71       | -13.0          | -19.73          | 146.00    | Horizontal | Vertical | N/A     |
| 4289.600        | -49.77       | 7.05        | -13.0          | -36.77          | 0.00      | Horizontal | Vertical | Pass    |
| 9397.750        | -33.47       | 36.49       | -13.0          | -20.47          | 219.00    | Horizontal | Vertical | Pass    |
| 19068.738       | -20.80       | 44.78       | -13.0          | -7.80           | 176.00    | Horizontal | Vertical | Pass    |



## RSE-V&VWCDMA Band 4 CH1312

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

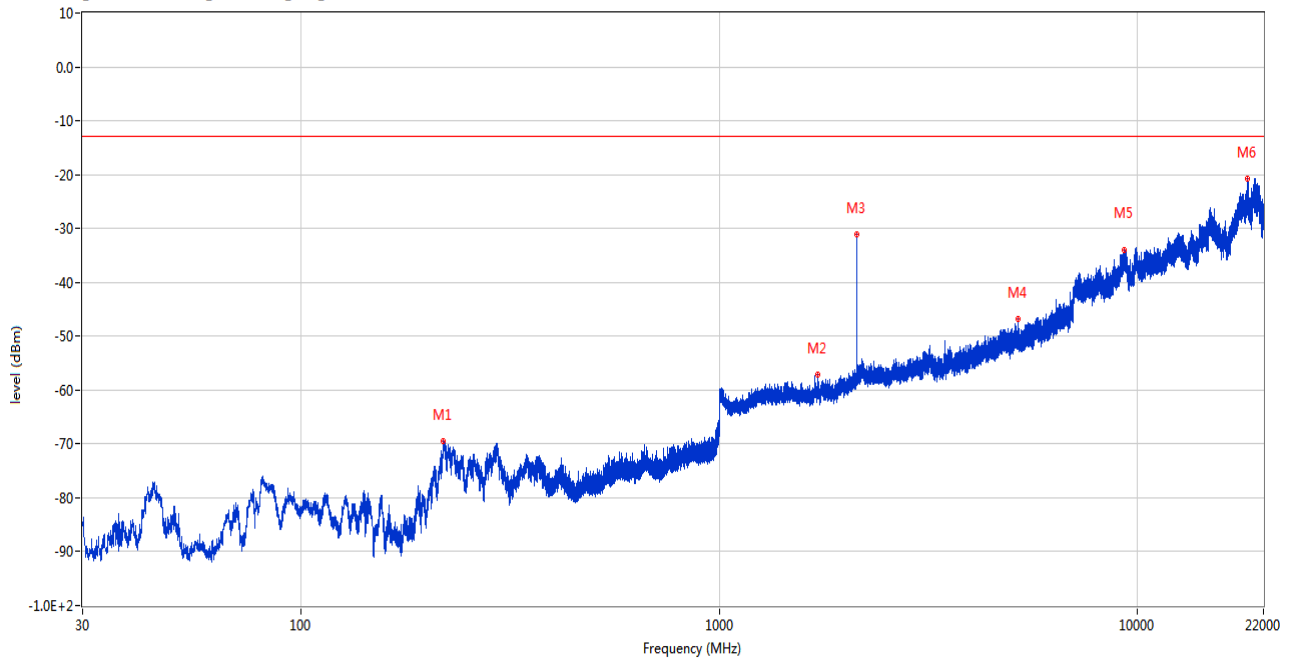


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.012          | -65.58       | -16.07      | -13.0          | -52.58          | 230.00    | Vertical | Vertical | Pass    |
| 1694.900        | -44.14       | -2.26       | -13.0          | -31.14          | 174.00    | Vertical | Vertical | N/A     |
| 2111.200        | -46.11       | -0.73       | -13.0          | -33.11          | 42.00     | Vertical | Vertical | N/A     |
| 4781.400        | -47.92       | 8.33        | -13.0          | -34.92          | 230.00    | Vertical | Vertical | Pass    |
| 9334.500        | -33.45       | 35.87       | -13.0          | -20.45          | 353.00    | Vertical | Vertical | Pass    |
| 18358.962       | -20.49       | 44.58       | -13.0          | -7.49           | 312.00    | Vertical | Vertical | Pass    |

## 6.2 WCDMA Band 4 Middle Channel

### RSE-H&VWCDMA Band 4 CH1413

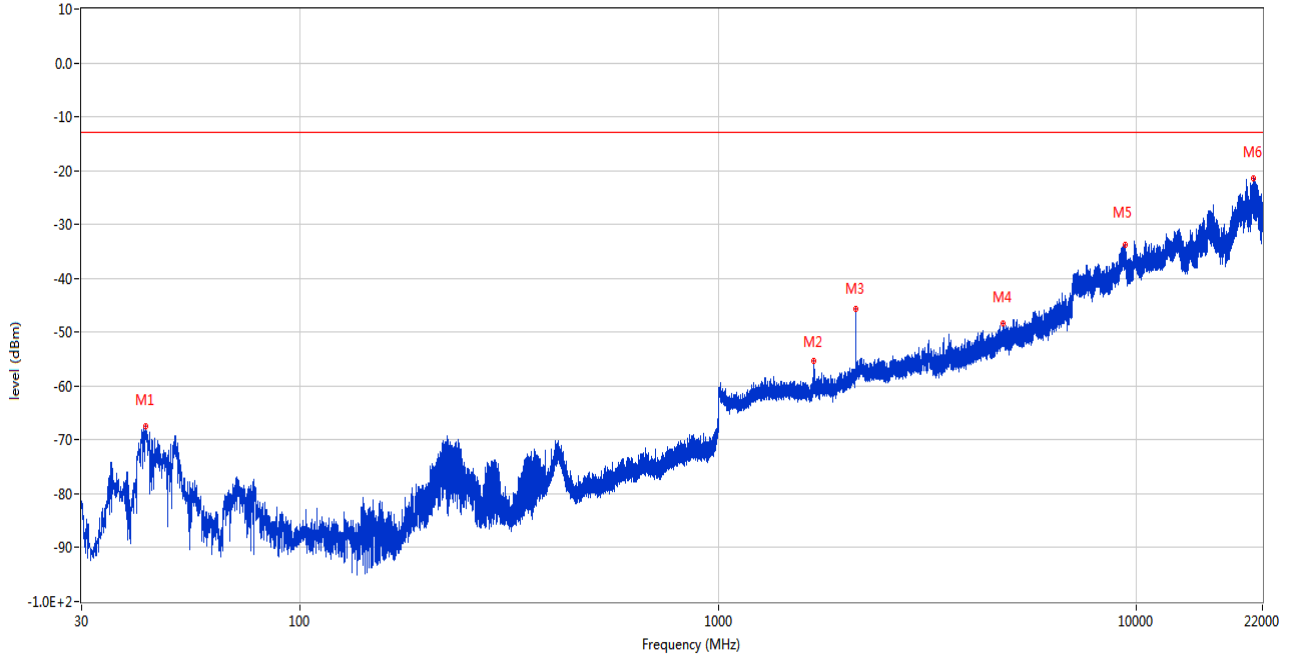
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 218.956         | -69.58       | -14.94      | -13.0          | -56.58          | 127.00    | Horizontal | Vertical | Pass    |
| 1719.100        | -57.21       | -2.15       | -13.0          | -44.21          | 279.00    | Horizontal | Vertical | N/A     |
| 2133.100        | -31.09       | -0.18       | -13.0          | -18.09          | 136.00    | Horizontal | Vertical | N/A     |
| 5180.600        | -46.90       | 9.24        | -13.0          | -33.90          | 287.00    | Horizontal | Vertical | Pass    |
| 9312.362        | -34.05       | 35.92       | -13.0          | -21.05          | 147.00    | Horizontal | Vertical | Pass    |
| 18350.262       | -20.78       | 43.23       | -13.0          | -7.78           | 164.00    | Horizontal | Vertical | Pass    |

## RSE-V&VWCDMA Band 4 CH1413

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

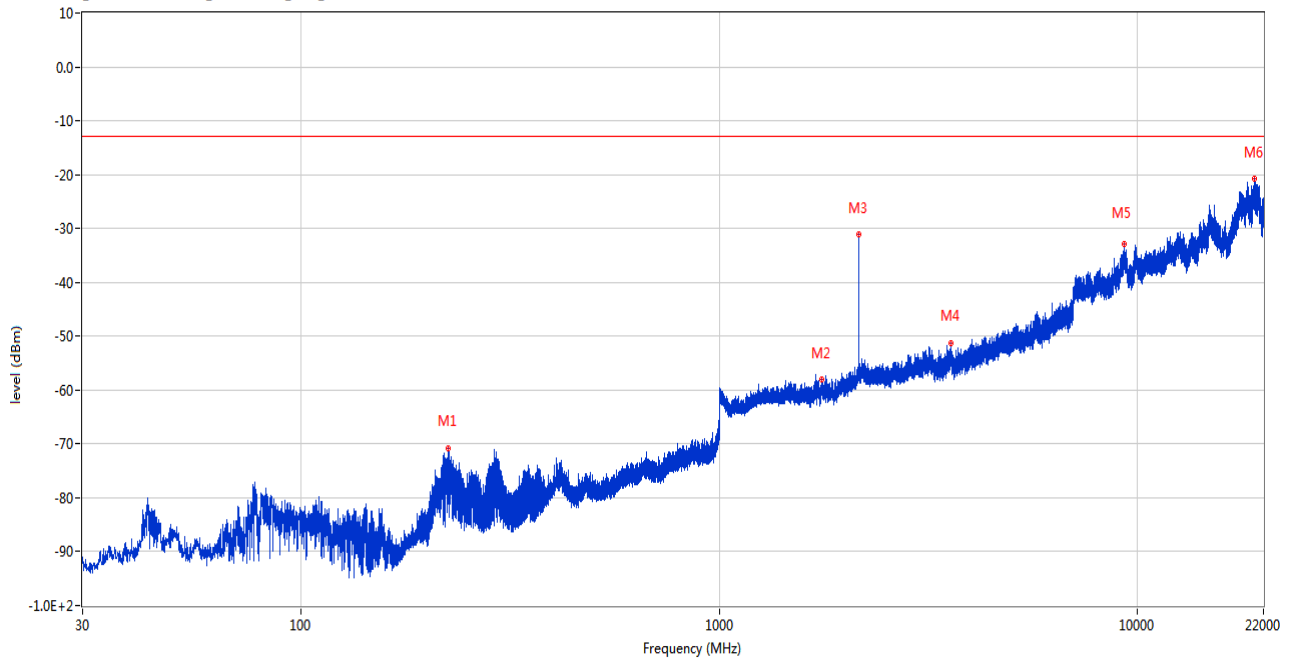


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.610          | -67.44       | -16.65      | -13.0          | -54.44          | 206.00    | Vertical | Vertical | Pass    |
| 1693.600        | -55.37       | -2.40       | -13.0          | -42.37          | 176.00    | Vertical | Vertical | N/A     |
| 2131.100        | -45.70       | -0.19       | -13.0          | -32.70          | 188.00    | Vertical | Vertical | N/A     |
| 4787.000        | -48.30       | 8.25        | -13.0          | -35.30          | 192.00    | Vertical | Vertical | Pass    |
| 9377.625        | -33.86       | 36.19       | -13.0          | -20.86          | 305.00    | Vertical | Vertical | Pass    |
| 19057.138       | -21.52       | 44.51       | -13.0          | -8.52           | 360.00    | Vertical | Vertical | Pass    |

## 6.3 WCDMA Band 4 High Channel

### RSE-H&VWCDMA Band 4 CH1513

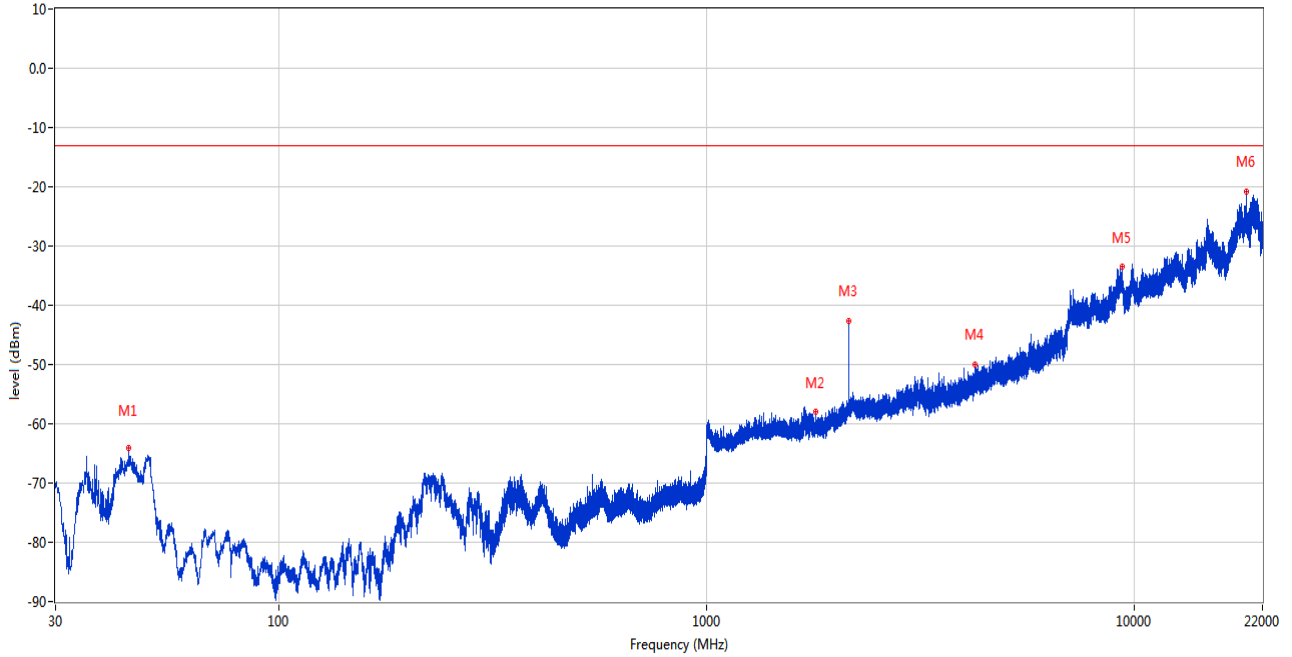
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 225.067         | -70.75       | -15.06      | -13.0          | -57.75          | 118.00    | Horizontal | Vertical | Pass    |
| 1760.800        | -58.08       | -2.14       | -13.0          | -45.08          | 165.00    | Horizontal | Vertical | N/A     |
| 2153.900        | -31.14       | 0.39        | -13.0          | -18.14          | 253.00    | Horizontal | Vertical | N/A     |
| 3587.400        | -51.35       | 5.21        | -13.0          | -38.35          | 355.00    | Horizontal | Vertical | Pass    |
| 9286.200        | -32.91       | 36.07       | -13.0          | -19.91          | 152.00    | Horizontal | Vertical | Pass    |
| 19064.388       | -20.84       | 44.78       | -13.0          | -7.84           | 49.00     | Horizontal | Vertical | Pass    |

## RSE-V&VWCDMA Band 4 CH1513

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



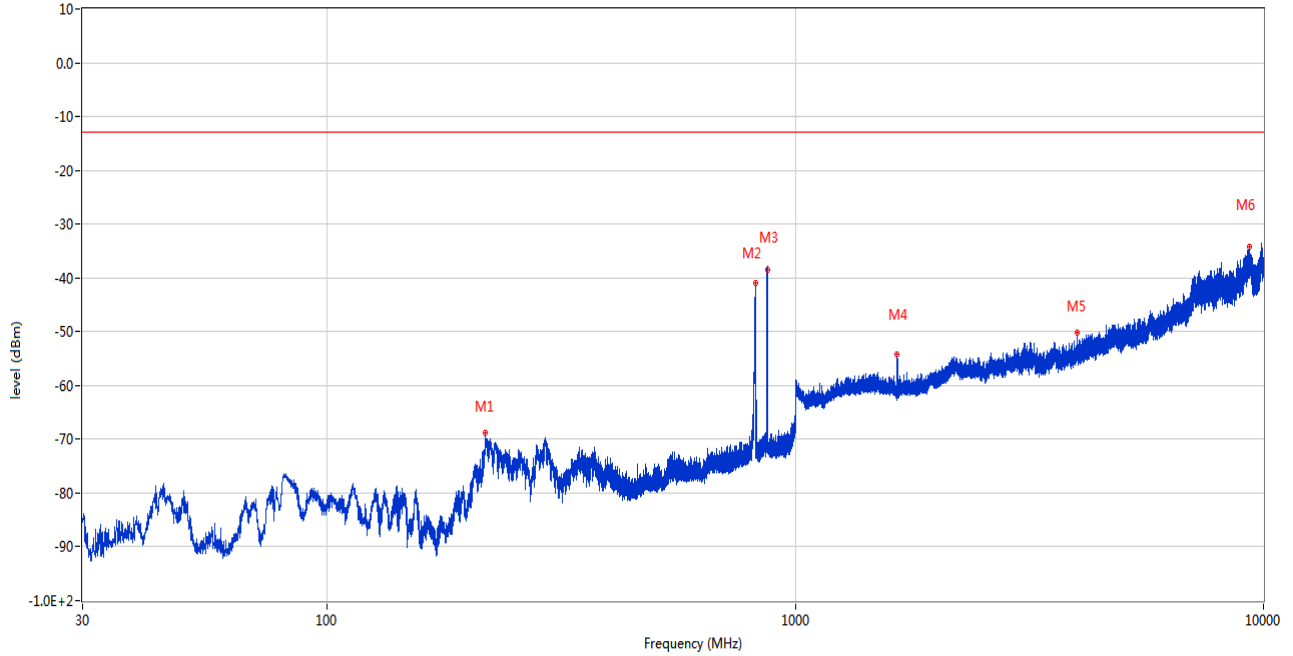
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 44.550          | -64.01       | -16.77      | -13.0          | -51.01          | 245.00    | Vertical | Vertical | Pass    |
| 1798.900        | -58.05       | -2.26       | -13.0          | -45.05          | 125.00    | Vertical | Vertical | N/A     |
| 2152.700        | -42.64       | 0.30        | -13.0          | -29.64          | 175.00    | Vertical | Vertical | N/A     |
| 4255.200        | -49.90       | 7.11        | -13.0          | -36.90          | 327.00    | Vertical | Vertical | Pass    |
| 9379.063        | -33.55       | 36.22       | -13.0          | -20.55          | 0.00      | Vertical | Vertical | Pass    |
| 18358.962       | -20.90       | 44.58       | -13.0          | -7.90           | 220.00    | Vertical | Vertical | Pass    |

## 7 WCDMA Band 5

### 7.1 WCDMA Band 5 Low Channel

#### RSE-H&V WCDMA Band 5 CH4132

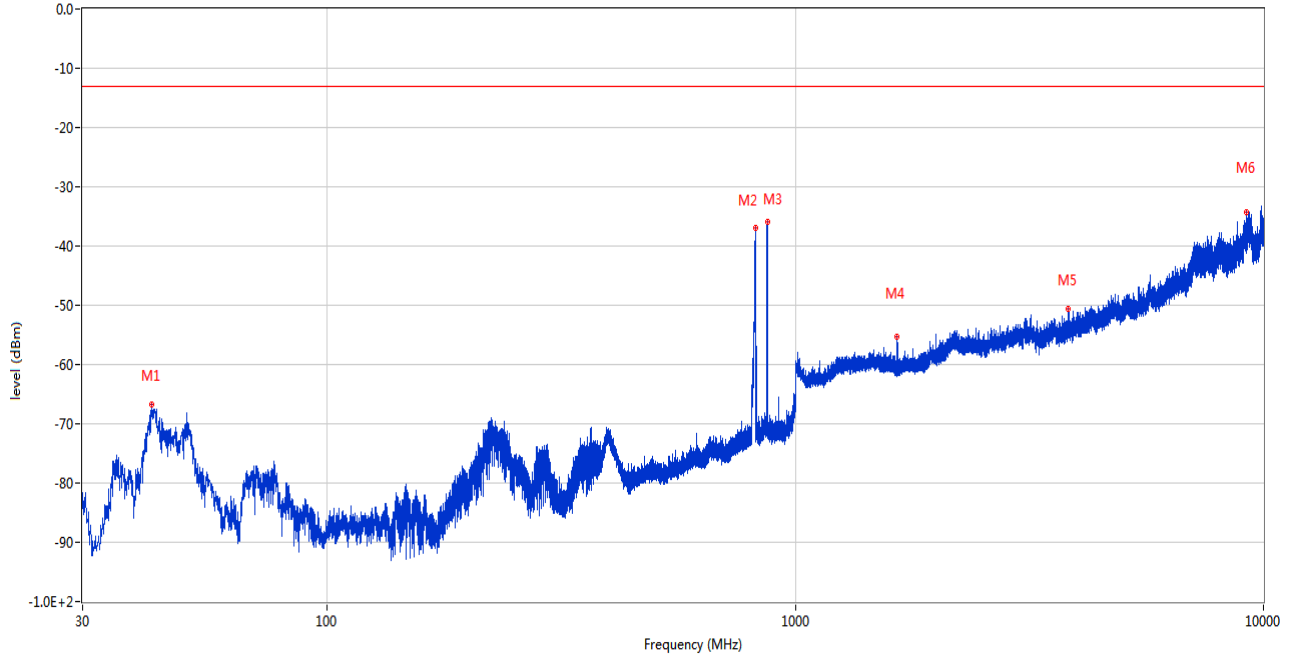
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 217.840         | -68.83       | -14.95      | -13.0          | -55.83          | 136.00    | Horizontal | Vertical | Pass    |
| 820.793         | -41.05       | -1.57       | -13.0          | -28.05          | 180.00    | Horizontal | Vertical | N/A     |
| 872.639         | -38.55       | -1.16       | -13.0          | -25.55          | 8.00      | Horizontal | Vertical | N/A     |
| 1650.300        | -54.18       | -3.93       | -13.0          | -41.18          | 3.00      | Horizontal | Vertical | Pass    |
| 4003.800        | -50.22       | 6.36        | -13.0          | -37.22          | 126.00    | Horizontal | Vertical | Pass    |
| 9318.400        | -34.22       | 35.89       | -13.0          | -21.22          | 6.00      | Horizontal | Vertical | Pass    |

## RSE-V&V WCDMA Band 5 CH4132

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

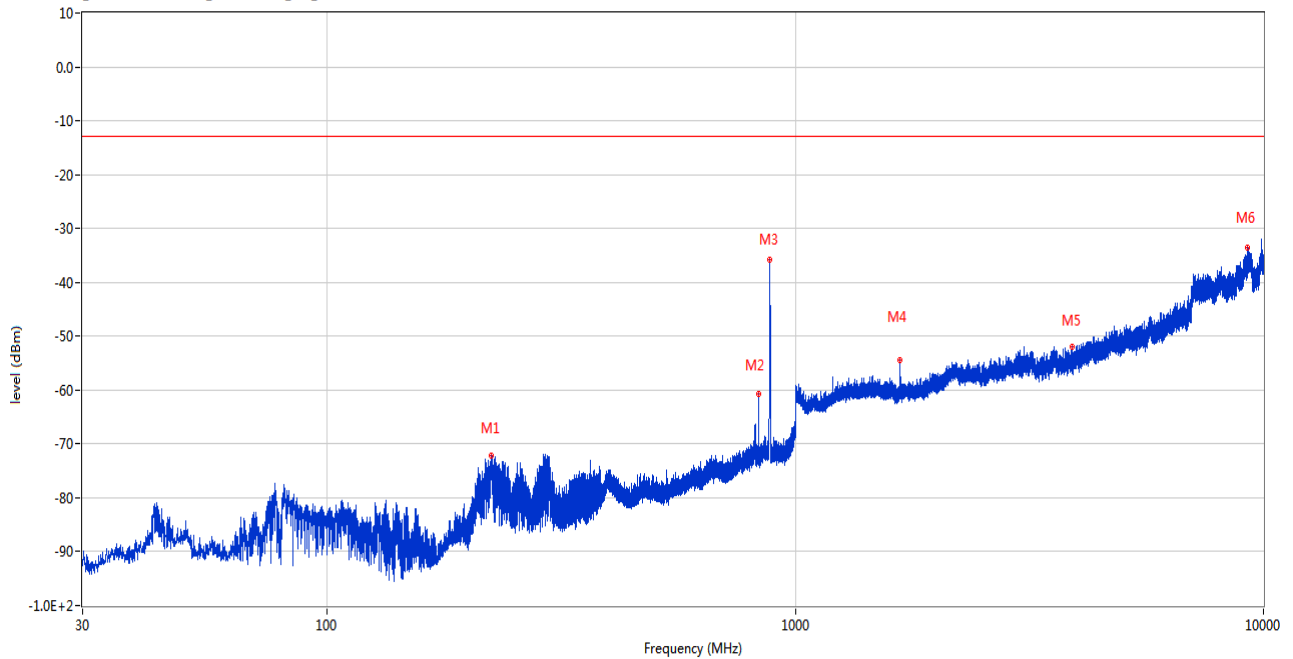


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.125          | -66.83       | -16.48      | -13.0          | -53.83          | 226.00    | Vertical | Vertical | Pass    |
| 820.695         | -37.01       | -1.57       | -13.0          | -24.01          | 112.00    | Vertical | Vertical | N/A     |
| 871.669         | -35.88       | -1.27       | -13.0          | -22.88          | 46.00     | Vertical | Vertical | N/A     |
| 1651.400        | -55.39       | -3.96       | -13.0          | -42.39          | 67.00     | Vertical | Vertical | Pass    |
| 3818.000        | -50.59       | 5.13        | -13.0          | -37.59          | 195.00    | Vertical | Vertical | Pass    |
| 9190.750        | -34.28       | 34.89       | -13.0          | -21.28          | 18.00     | Vertical | Vertical | Pass    |

## 7.2 WCDMA Band 5 Middle Channel

### RSE-H&V WCDMA Band 5 CH4182

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

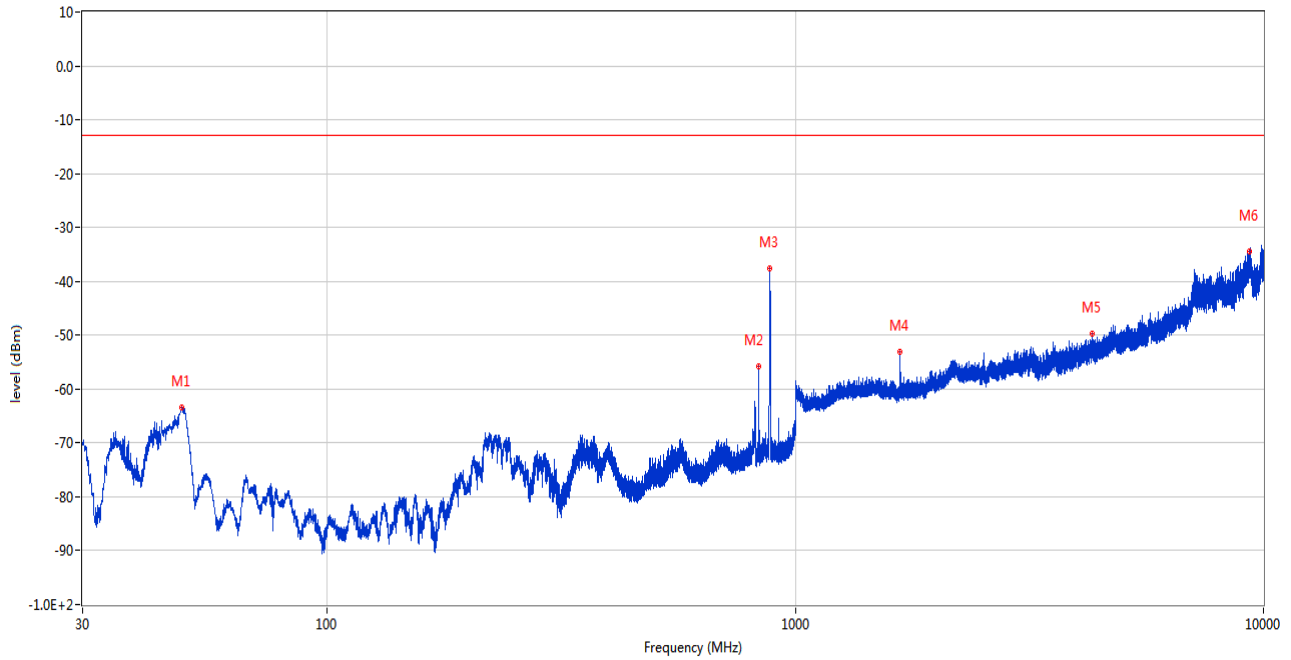


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 224.097         | -72.23       | -15.06      | -13.0          | -59.23          | 145.00    | Horizontal | Vertical | Pass    |
| 835.052         | -60.64       | -1.36       | -13.0          | -47.64          | 177.00    | Horizontal | Vertical | N/A     |
| 881.078         | -35.81       | -1.36       | -13.0          | -22.81          | 83.00     | Horizontal | Vertical | N/A     |
| 1675.300        | -54.53       | -3.51       | -13.0          | -41.53          | 227.00    | Horizontal | Vertical | Pass    |
| 3902.000        | -52.03       | 5.80        | -13.0          | -39.03          | 32.00     | Horizontal | Vertical | Pass    |
| 9257.050        | -33.52       | 36.00       | -13.0          | -20.52          | 174.00    | Horizontal | Vertical | Pass    |



## RSE-V&V WCDMA Band 5 CH4182

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

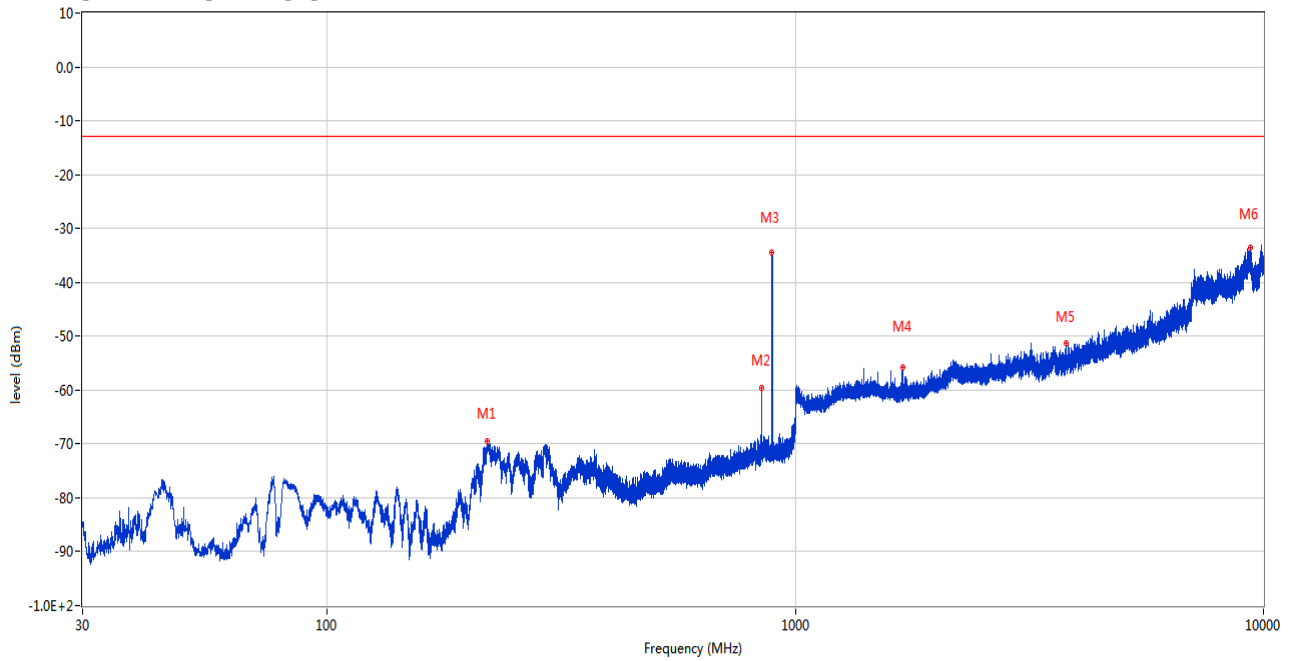


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 48.964          | -63.40       | -16.20      | -13.0          | -50.40          | 237.00    | Vertical | Vertical | Pass    |
| 835.003         | -55.88       | -1.36       | -13.0          | -42.88          | 117.00    | Vertical | Vertical | N/A     |
| 882.679         | -37.67       | -1.24       | -13.0          | -24.67          | 101.00    | Vertical | Vertical | N/A     |
| 1674.700        | -53.04       | -3.61       | -13.0          | -40.04          | 167.00    | Vertical | Vertical | Pass    |
| 4313.000        | -49.68       | 7.35        | -13.0          | -36.68          | 297.00    | Vertical | Vertical | Pass    |
| 9329.500        | -34.53       | 35.87       | -13.0          | -21.53          | 27.00     | Vertical | Vertical | Pass    |

## 7.3 WCDMA Band 5 High Channel

### RSE-H&V WCDMA Band 5 CH4233

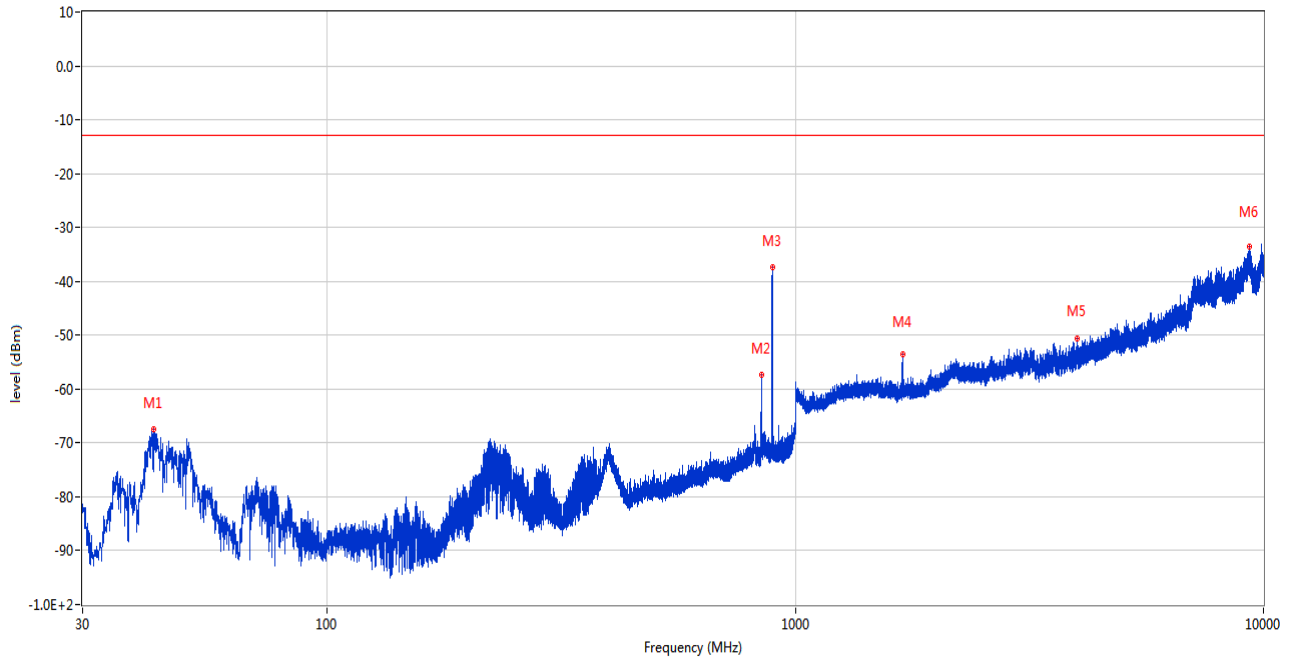
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 219.732         | -69.39       | -14.69      | -13.0          | -56.39          | 121.00    | Horizontal | Vertical | Pass    |
| 847.516         | -59.65       | -0.99       | -13.0          | -46.65          | 0.00      | Horizontal | Vertical | N/A     |
| 891.312         | -34.41       | -1.56       | -13.0          | -21.41          | 87.00     | Horizontal | Vertical | N/A     |
| 1695.800        | -55.80       | -3.44       | -13.0          | -42.80          | 260.00    | Horizontal | Vertical | Pass    |
| 3792.200        | -51.39       | 5.33        | -13.0          | -38.39          | 67.00     | Horizontal | Vertical | Pass    |
| 9392.650        | -33.66       | 36.42       | -13.0          | -20.66          | 307.00    | Horizontal | Vertical | Pass    |

## RSE-V&V WCDMA Band 5 CH4233

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.562          | -67.54       | -16.54      | -13.0          | -54.54          | 281.00    | Vertical | Vertical | Pass    |
| 847.516         | -57.44       | -0.99       | -13.0          | -44.44          | 132.00    | Vertical | Vertical | N/A     |
| 892.961         | -37.37       | -1.39       | -13.0          | -24.37          | 8.00      | Vertical | Vertical | N/A     |
| 1695.600        | -53.58       | -3.44       | -13.0          | -40.58          | 203.00    | Vertical | Vertical | Pass    |
| 4002.200        | -50.61       | 6.36        | -13.0          | -37.61          | 168.00    | Vertical | Vertical | Pass    |
| 9335.650        | -33.49       | 35.87       | -13.0          | -20.49          | 49.00     | Vertical | Vertical | Pass    |

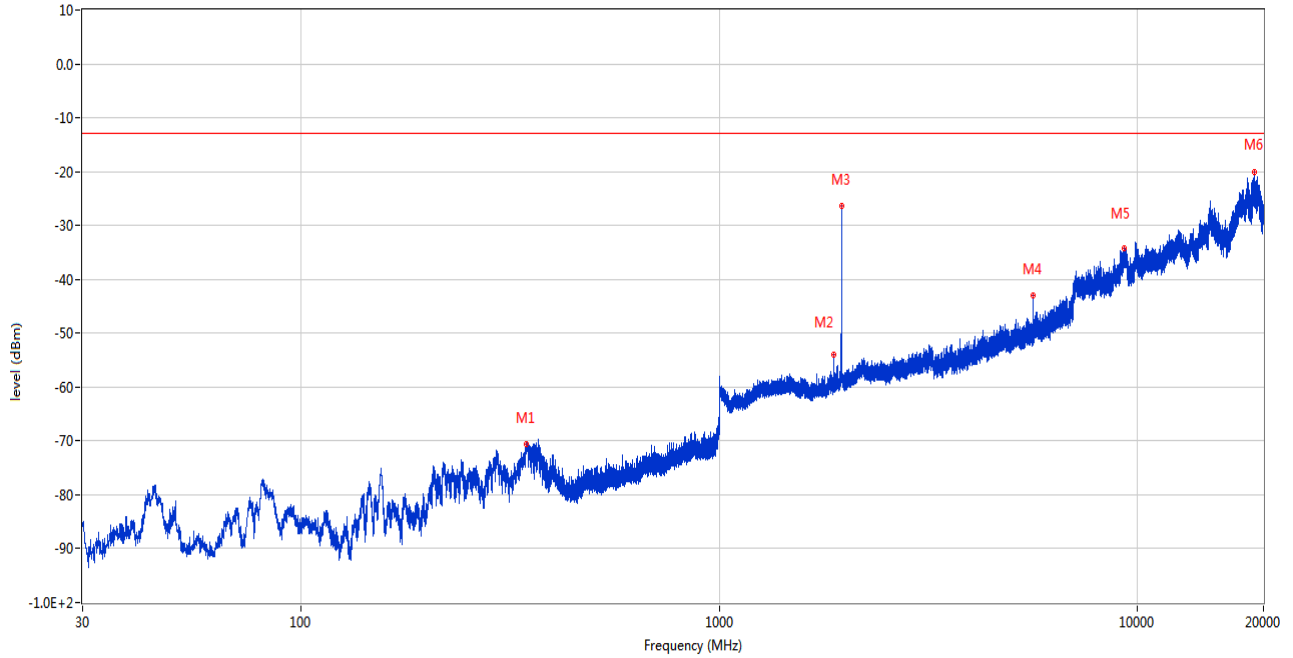
## LTE

### 8 LTE Band 2

#### 8.1 LTE Band 2 BW1.4, Middle Channel

##### RSE-H&V LTE Band 2 BW1.4 CH18900

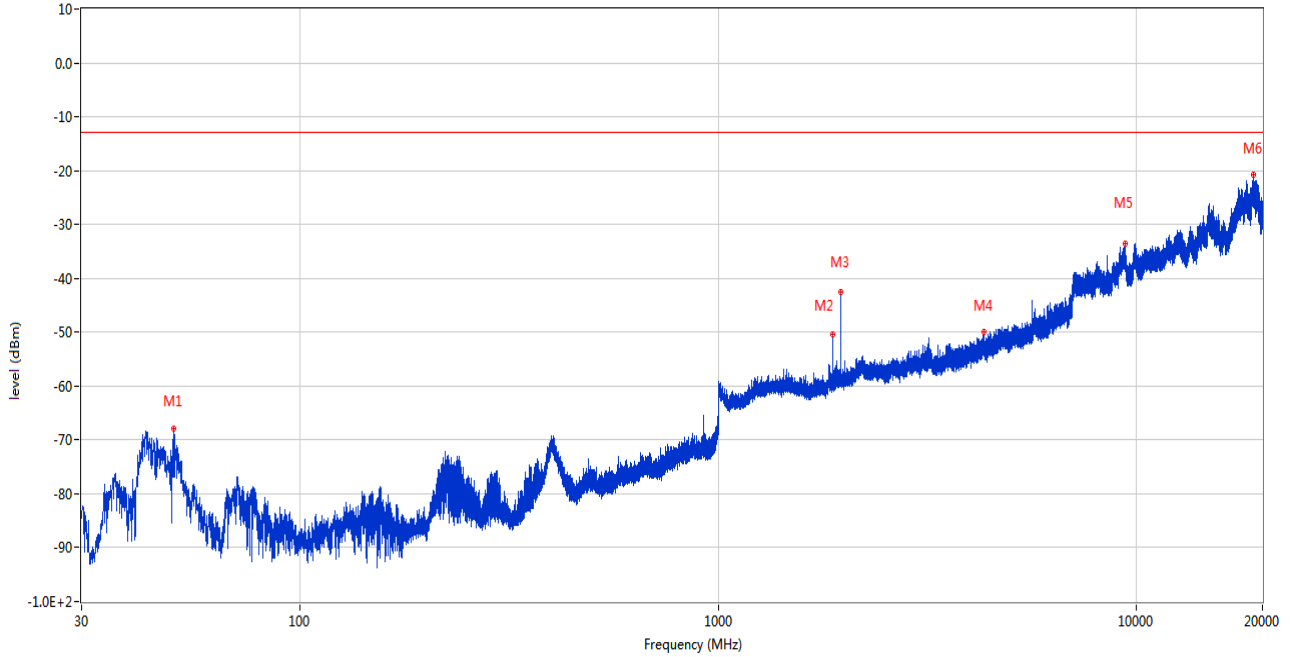
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 344.716         | -70.55       | -12.71      | -13.0          | -57.55          | 360.00    | Horizontal | Vertical | Pass    |
| 1879.400        | -53.94       | -1.01       | -13.0          | -40.94          | 14.00     | Horizontal | Vertical | N/A     |
| 1959.900        | -26.39       | -1.11       | -13.0          | -13.39          | 129.00    | Horizontal | Vertical | N/A     |
| 5638.600        | -43.08       | 10.49       | -13.0          | -30.08          | 182.00    | Horizontal | Vertical | Pass    |
| 9316.963        | -34.31       | 35.89       | -13.0          | -21.31          | 251.00    | Horizontal | Vertical | Pass    |
| 19069.825       | -20.18       | 44.78       | -13.0          | -7.18           | 137.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 2 BW1.4 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

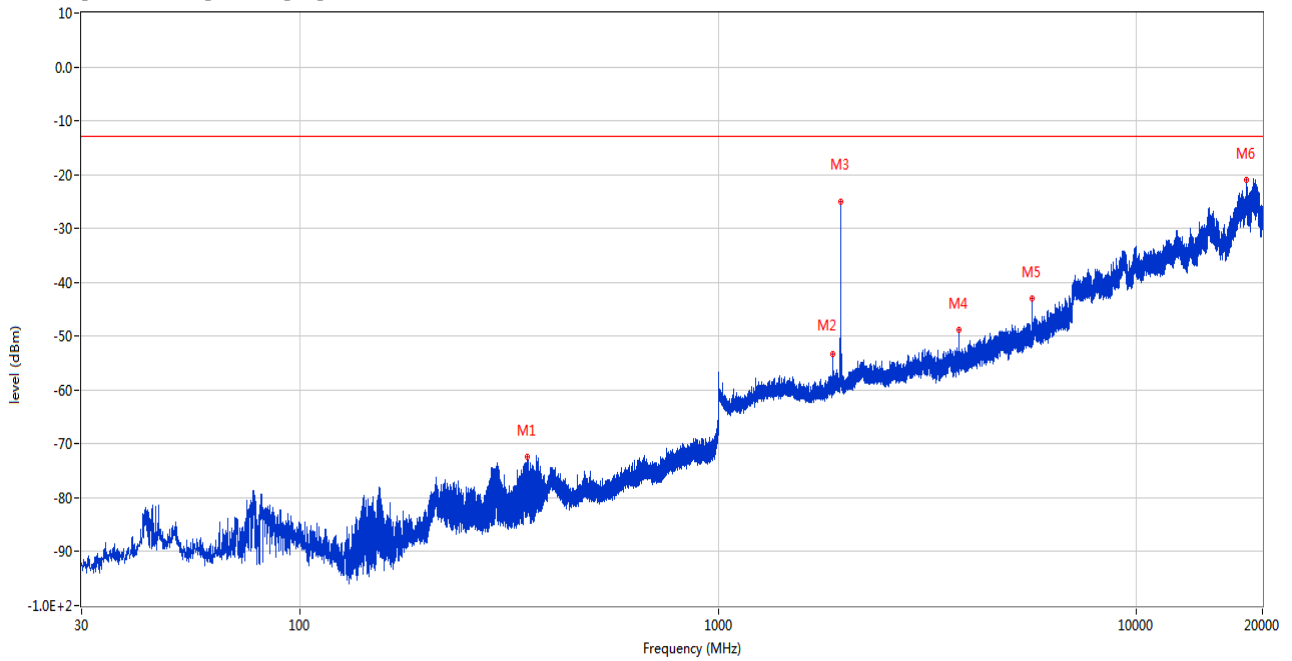


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.885          | -67.81       | -15.22      | -13.0          | -54.81          | 230.00    | Vertical | Vertical | Pass    |
| 1879.500        | -50.42       | -1.01       | -13.0          | -37.42          | 185.00    | Vertical | Vertical | N/A     |
| 1959.800        | -42.60       | -1.10       | -13.0          | -29.60          | 0.00      | Vertical | Vertical | N/A     |
| 4308.000        | -49.99       | 7.22        | -13.0          | -36.99          | 255.00    | Vertical | Vertical | Pass    |
| 9393.150        | -33.46       | 36.43       | -13.0          | -20.46          | 100.00    | Vertical | Vertical | Pass    |
| 19057.863       | -20.84       | 44.58       | -13.0          | -7.84           | 112.00    | Vertical | Vertical | Pass    |

## 8.2 LTE Band 2 BW3, Middle Channel

### RSE-H&V LTE Band 2 BW3 CH18900

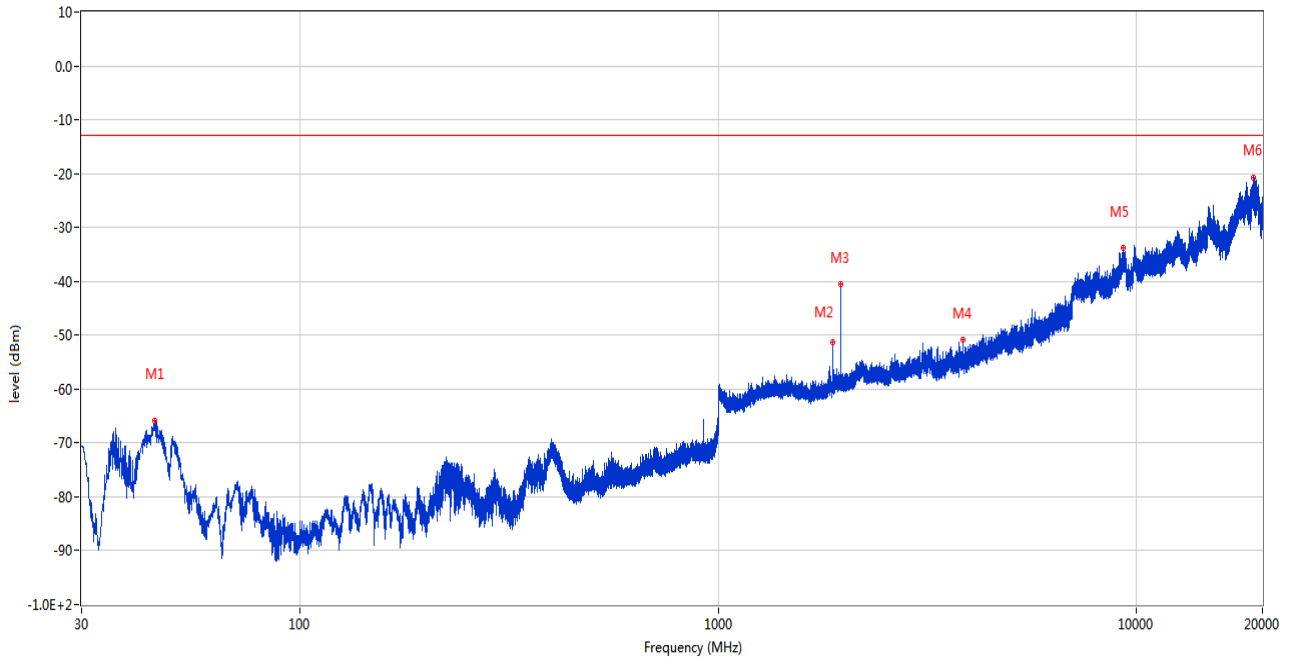
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 349.421         | -72.42       | -12.26      | -13.0          | -59.42          | 0.00      | Horizontal | Vertical | Pass    |
| 1878.600        | -53.34       | -1.02       | -13.0          | -40.34          | 14.00     | Horizontal | Vertical | N/A     |
| 1960.300        | -25.01       | -1.16       | -13.0          | -12.01          | 254.00    | Horizontal | Vertical | N/A     |
| 3757.200        | -48.87       | 4.90        | -13.0          | -35.87          | 155.00    | Horizontal | Vertical | Pass    |
| 5636.000        | -42.98       | 10.44       | -13.0          | -29.98          | 137.00    | Horizontal | Vertical | Pass    |
| 18360.052       | -21.03       | 44.73       | -13.0          | -8.03           | 266.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 2 BW3 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

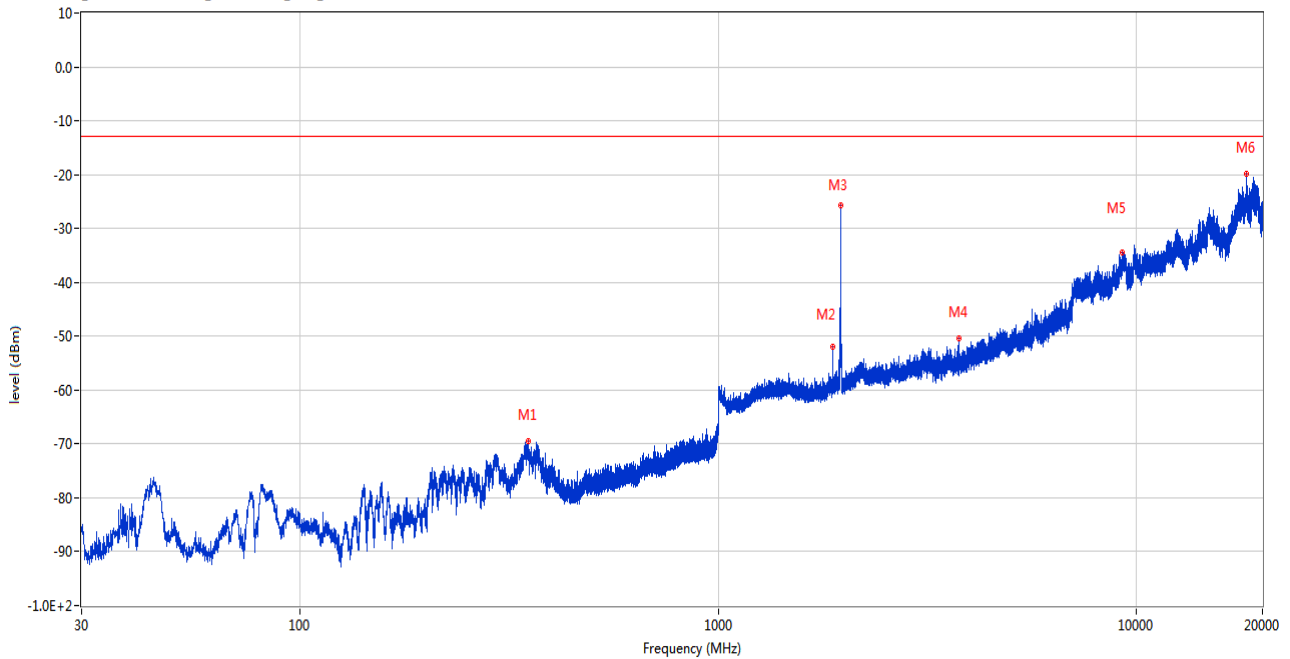


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 44.986          | -65.78       | -16.78      | -13.0          | -52.78          | 39.00     | Vertical | Vertical | Pass    |
| 1878.700        | -51.36       | -1.02       | -13.0          | -38.36          | 194.00    | Vertical | Vertical | N/A     |
| 1960.200        | -40.48       | -1.15       | -13.0          | -27.48          | 8.00      | Vertical | Vertical | N/A     |
| 3849.400        | -50.89       | 5.23        | -13.0          | -37.89          | 360.00    | Vertical | Vertical | Pass    |
| 9315.237        | -33.86       | 35.90       | -13.0          | -20.86          | 120.00    | Vertical | Vertical | Pass    |
| 19065.838       | -20.75       | 44.78       | -13.0          | -7.75           | 238.00    | Vertical | Vertical | Pass    |

### 8.3 LTE Band 2 BW5, Middle Channel

#### RSE-H&V LTE Band 2 BW5 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

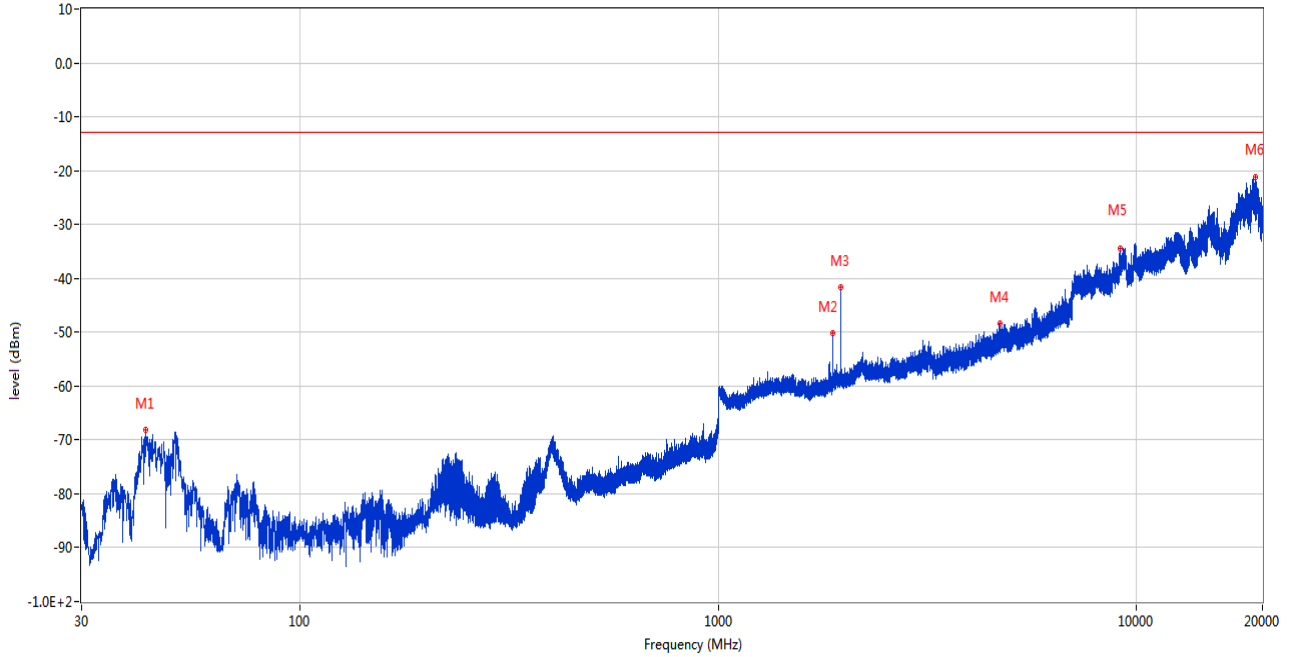


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 350.342         | -69.57       | -12.23      | -13.0          | -56.57          | 23.00     | Horizontal | Vertical | Pass    |
| 1877.800        | -51.89       | -1.03       | -13.0          | -38.89          | 15.00     | Horizontal | Vertical | N/A     |
| 1958.700        | -25.69       | -1.09       | -13.0          | -12.69          | 244.00    | Horizontal | Vertical | N/A     |
| 3755.400        | -50.43       | 4.79        | -13.0          | -37.43          | 62.00     | Horizontal | Vertical | Pass    |
| 9256.300        | -34.45       | 35.96       | -13.0          | -21.45          | 360.00    | Horizontal | Vertical | Pass    |
| 18360.412       | -19.75       | 44.66       | -13.0          | -6.75           | 125.00    | Horizontal | Vertical | Pass    |



## RSE-V&V LTE Band 2 BW5 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

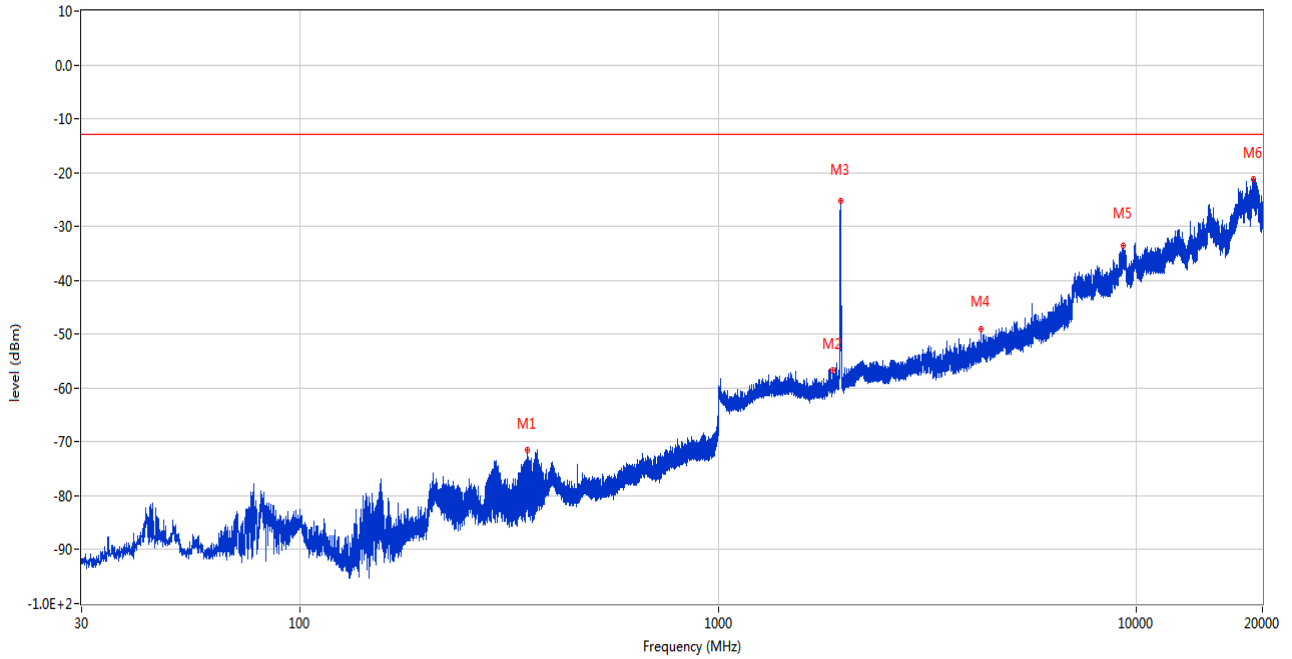


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.658          | -68.22       | -16.80      | -13.0          | -55.22          | 183.00    | Vertical | Vertical | Pass    |
| 1877.800        | -50.26       | -1.03       | -13.0          | -37.26          | 188.00    | Vertical | Vertical | N/A     |
| 1961.000        | -41.70       | -1.24       | -13.0          | -28.70          | 0.00      | Vertical | Vertical | N/A     |
| 4712.800        | -48.47       | 7.80        | -13.0          | -35.47          | 61.00     | Vertical | Vertical | Pass    |
| 9134.401        | -34.52       | 35.53       | -13.0          | -21.52          | 259.00    | Vertical | Vertical | Pass    |
| 19254.700       | -21.12       | 43.32       | -13.0          | -8.12           | 77.00     | Vertical | Vertical | Pass    |

## 8.4 LTE Band 2 BW10, Middle Channel

### RSE-H&V LTE Band 2 BW10 CH18900

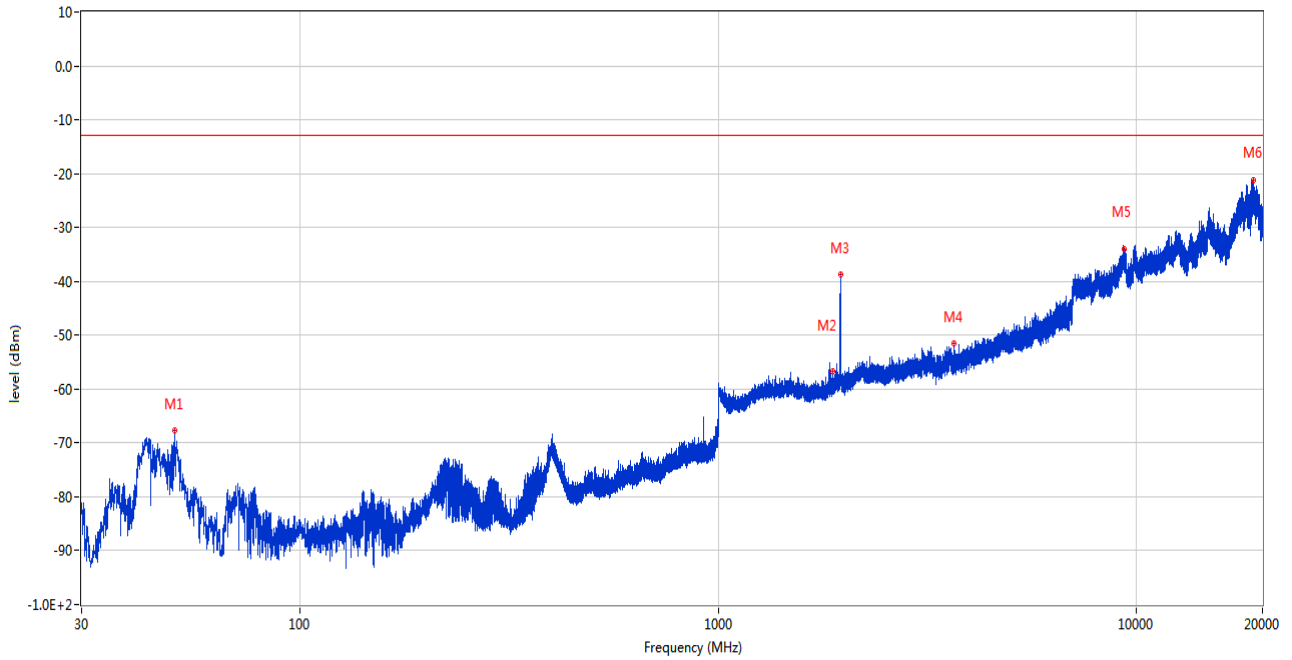
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 349.615         | -71.52       | -12.24      | -13.0          | -58.52          | 360.00    | Horizontal | Vertical | Pass    |
| 1876.000        | -56.70       | -1.04       | -13.0          | -43.70          | 286.00    | Horizontal | Vertical | N/A     |
| 1957.900        | -25.33       | -1.12       | -13.0          | -12.33          | 135.00    | Horizontal | Vertical | N/A     |
| 4254.600        | -49.03       | 7.01        | -13.0          | -36.03          | 287.00    | Horizontal | Vertical | Pass    |
| 9316.675        | -33.66       | 35.89       | -13.0          | -20.66          | 253.00    | Horizontal | Vertical | Pass    |
| 19083.962       | -21.13       | 44.64       | -13.0          | -8.13           | 31.00     | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 2 BW10 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

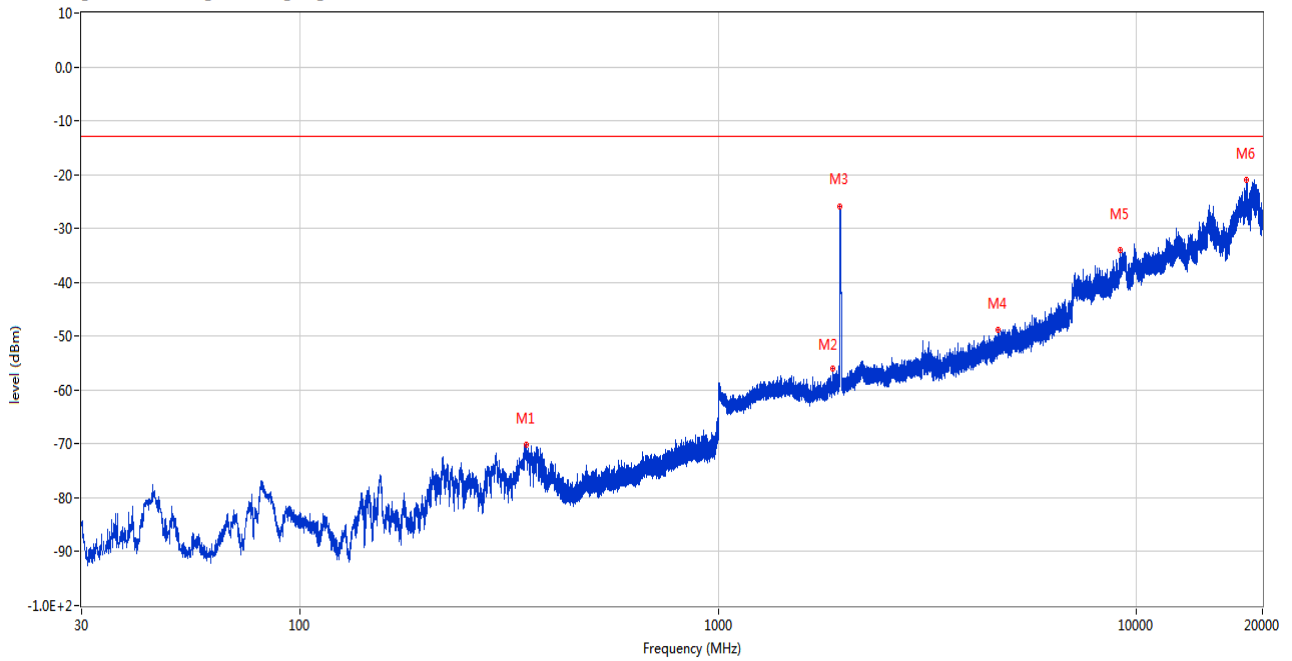


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 50.176          | -67.75       | -15.35      | -13.0          | -54.75          | 184.00    | Vertical | Vertical | Pass    |
| 1875.500        | -56.69       | -1.05       | -13.0          | -43.69          | 208.00    | Vertical | Vertical | N/A     |
| 1963.000        | -38.66       | -1.14       | -13.0          | -25.66          | 7.00      | Vertical | Vertical | N/A     |
| 3659.200        | -51.51       | 4.42        | -13.0          | -38.51          | 321.00    | Vertical | Vertical | Pass    |
| 9341.400        | -34.09       | 35.86       | -13.0          | -21.09          | 360.00    | Vertical | Vertical | Pass    |
| 19060.038       | -21.11       | 44.79       | -13.0          | -8.11           | 306.00    | Vertical | Vertical | Pass    |

## 8.5 LTE Band 2 BW15, Middle Channel

### RSE-H&V LTE Band 2 BW15 CH18900

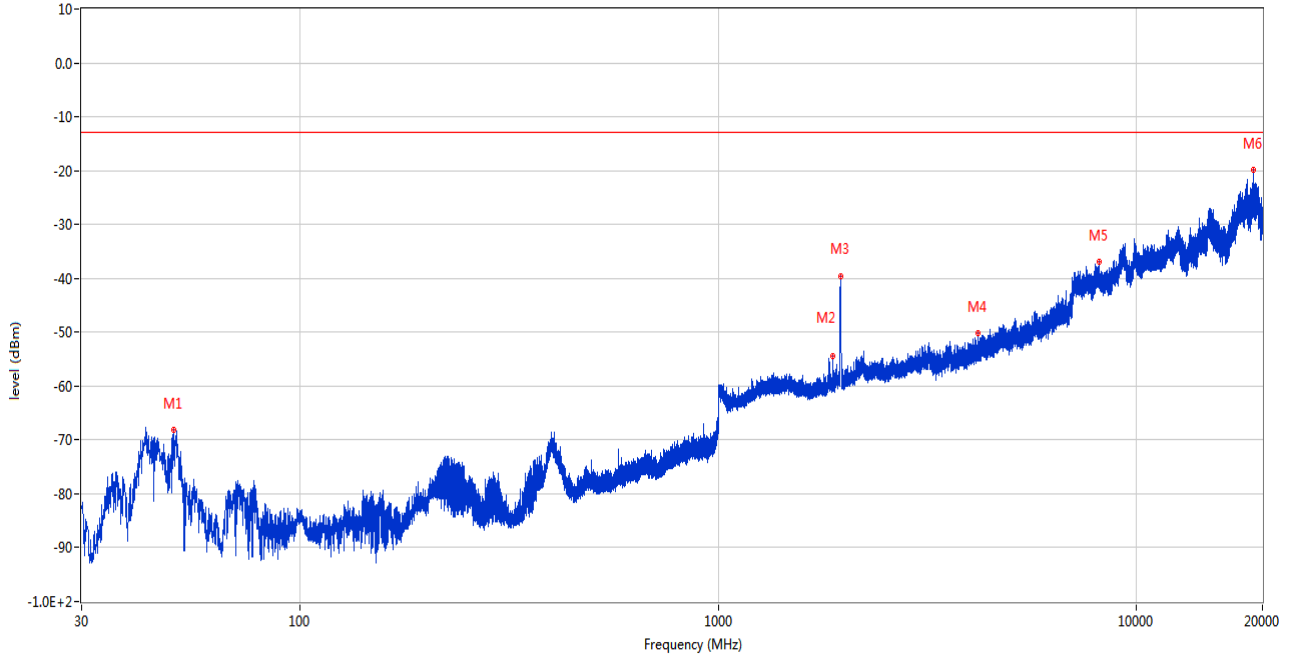
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 346.656         | -70.07       | -12.55      | -13.0          | -57.07          | 17.00     | Horizontal | Vertical | Pass    |
| 1873.200        | -56.09       | -1.07       | -13.0          | -43.09          | 18.00     | Horizontal | Vertical | N/A     |
| 1954.600        | -25.99       | -1.24       | -13.0          | -12.99          | 123.00    | Horizontal | Vertical | N/A     |
| 4673.000        | -48.90       | 8.29        | -13.0          | -35.90          | 221.00    | Horizontal | Vertical | Pass    |
| 9154.813        | -33.93       | 35.28       | -13.0          | -20.93          | 253.00    | Horizontal | Vertical | Pass    |
| 18360.412       | -21.06       | 44.66       | -13.0          | -8.06           | 0.00      | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 2 BW15 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25

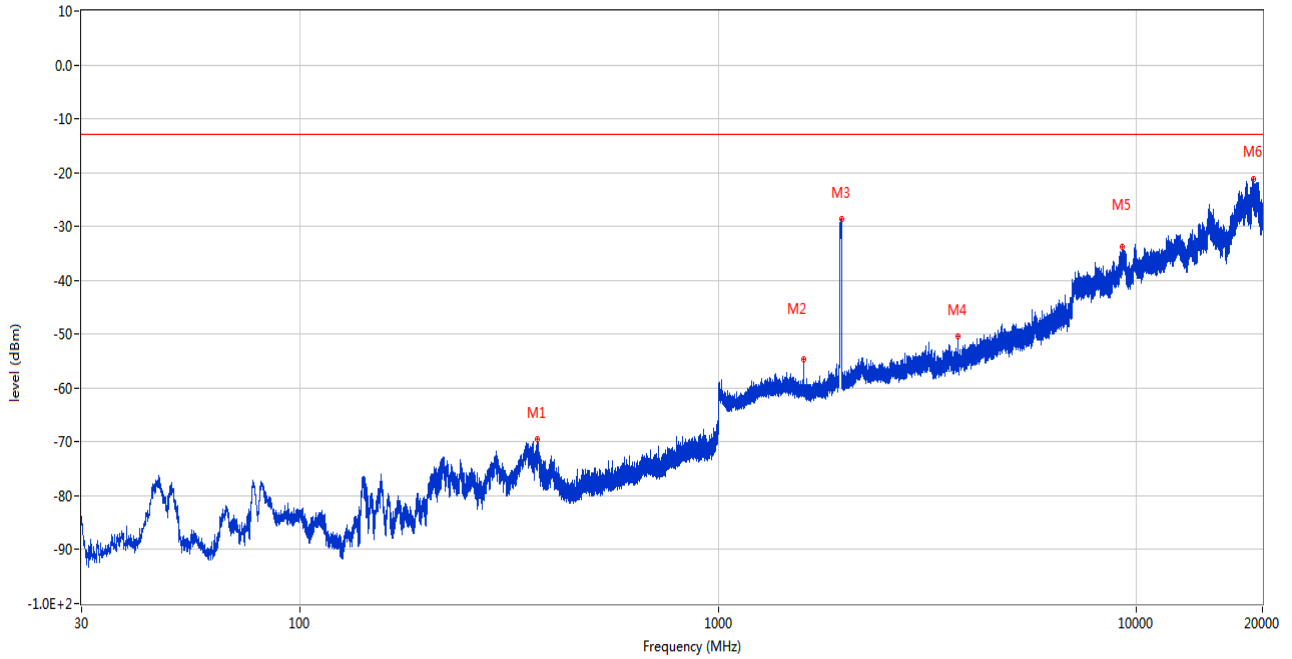


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.885          | -68.18       | -15.22      | -13.0          | -55.18          | 250.00    | Vertical | Vertical | Pass    |
| 1873.200        | -54.49       | -1.07       | -13.0          | -41.49          | 197.00    | Vertical | Vertical | N/A     |
| 1959.100        | -39.50       | -1.08       | -13.0          | -26.50          | 0.00      | Vertical | Vertical | N/A     |
| 4169.200        | -50.15       | 7.02        | -13.0          | -37.15          | 344.00    | Vertical | Vertical | Pass    |
| 8133.325        | -37.02       | 33.11       | -13.0          | -24.02          | 192.00    | Vertical | Vertical | Pass    |
| 19073.450       | -19.77       | 44.78       | -13.0          | -6.77           | 32.00     | Vertical | Vertical | Pass    |

## 8.6 LTE Band 2 BW20, Middle Channel

### RSE-H&V LTE Band 2 BW20 CH18900

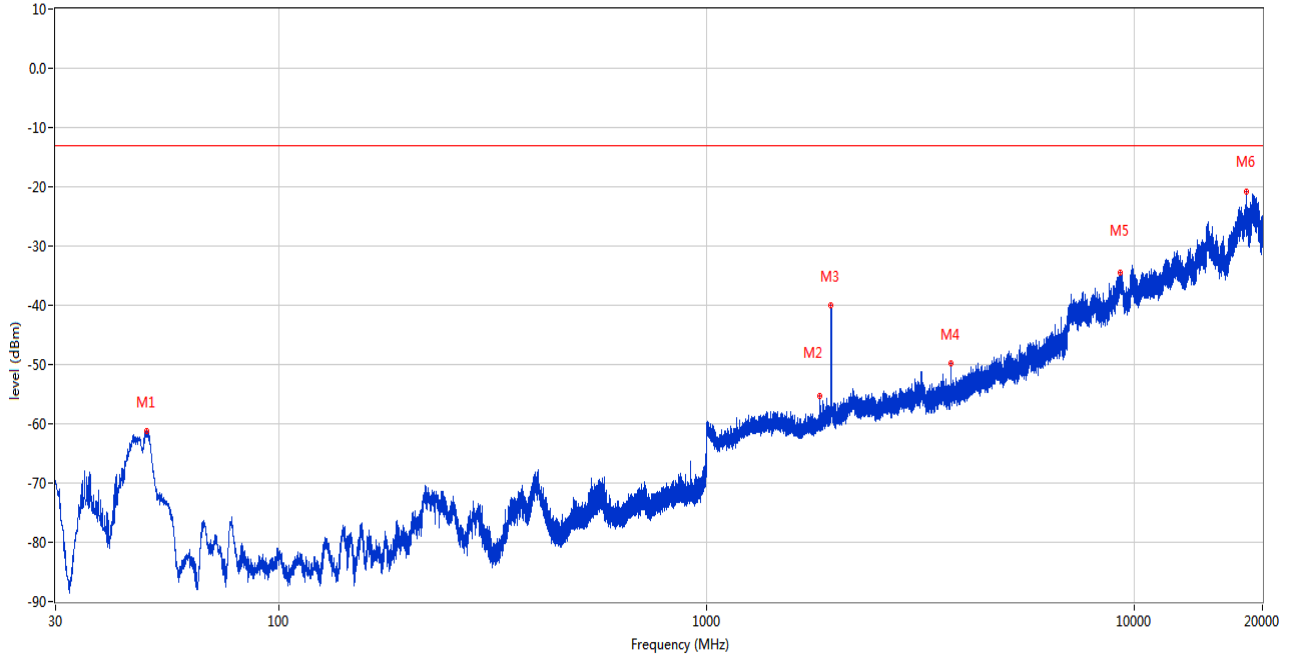
RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 369.791         | -69.51       | -12.01      | -13.0          | -56.51          | 213.00    | Horizontal | Vertical | Pass    |
| 1599.000        | -54.70       | -3.26       | -13.0          | -41.70          | 360.00    | Horizontal | Vertical | Pass    |
| 1967.400        | -28.71       | -1.45       | -13.0          | -15.71          | 124.00    | Horizontal | Vertical | N/A     |
| 3742.000        | -50.49       | 4.48        | -13.0          | -37.49          | 168.00    | Horizontal | Vertical | Pass    |
| 9261.475        | -33.72       | 36.16       | -13.0          | -20.72          | 121.00    | Horizontal | Vertical | Pass    |
| 19071.275       | -21.30       | 44.78       | -13.0          | -8.30           | 115.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 2 BW20 CH18900

RSE Test case\_FCC PART22&24&27\_FCC PART 24\_1900\_GSM 1900&WCDMA B2&CDMA BC1&LTE B2&25



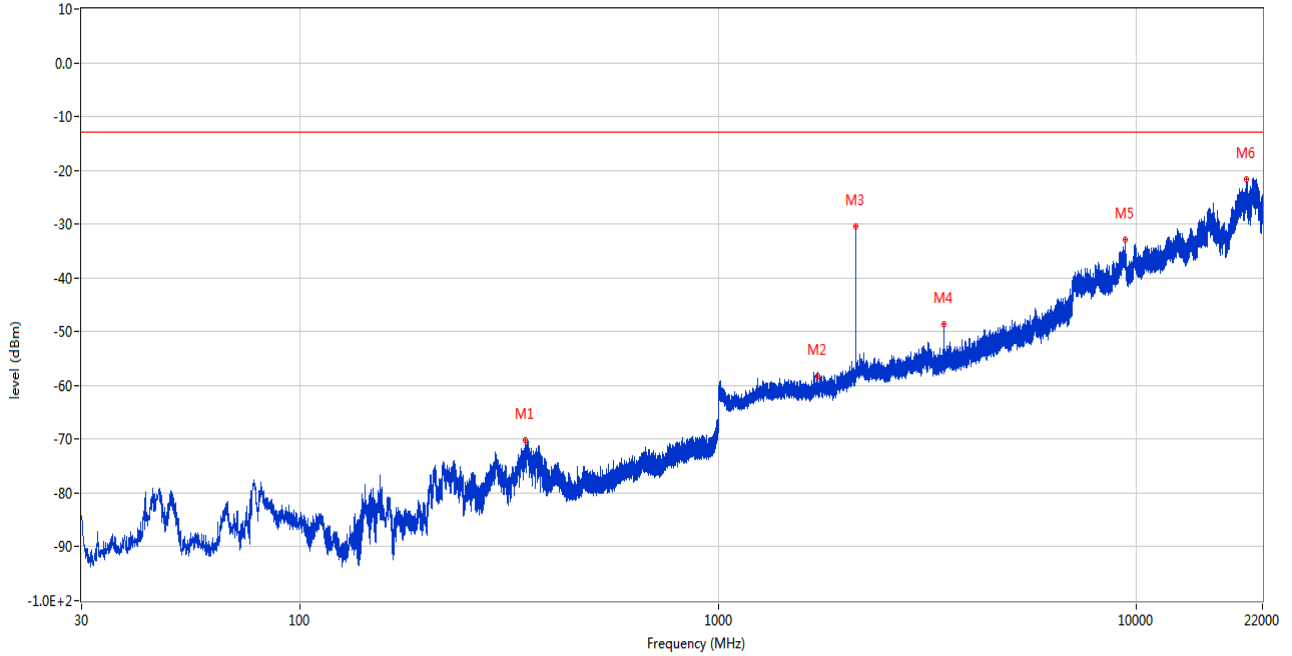
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 48.915          | -61.32       | -16.35      | -13.0          | -48.32          | 294.00    | Vertical | Vertical | Pass    |
| 1843.000        | -55.22       | -1.42       | -13.0          | -42.22          | 189.00    | Vertical | Vertical | N/A     |
| 1959.500        | -40.10       | -1.07       | -13.0          | -27.10          | 0.00      | Vertical | Vertical | N/A     |
| 3742.000        | -49.80       | 4.48        | -13.0          | -36.80          | 333.00    | Vertical | Vertical | Pass    |
| 9281.313        | -34.59       | 36.10       | -13.0          | -21.59          | 173.00    | Vertical | Vertical | Pass    |
| 18360.052       | -20.87       | 44.73       | -13.0          | -7.87           | 352.00    | Vertical | Vertical | Pass    |

## 9 LTE Band 4

### 9.1 LTE Band 4 BW1.4, Middle Channel

#### RSE-H&V LTE Band 4 BW1.4 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

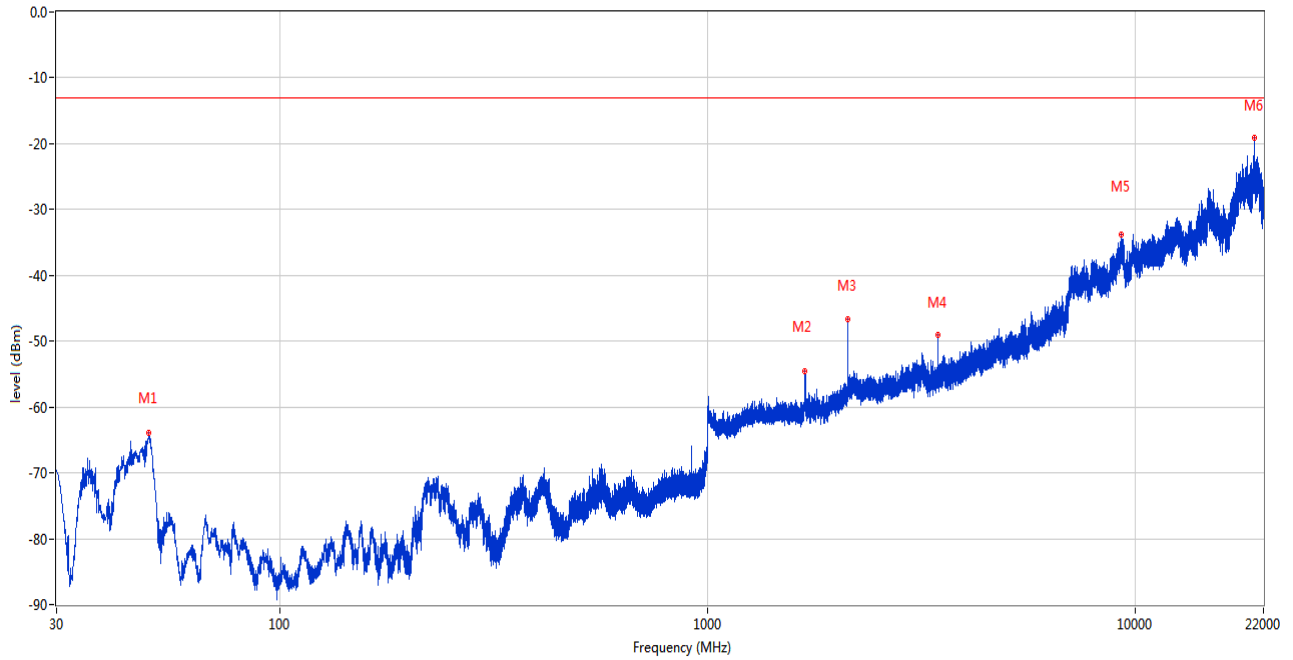


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 346.123         | -70.14       | -12.65      | -13.0          | -57.14          | 4.00      | Horizontal | Vertical | Pass    |
| 1723.700        | -58.33       | -2.14       | -13.0          | -45.33          | 356.00    | Horizontal | Vertical | N/A     |
| 2132.000        | -30.47       | -0.24       | -13.0          | -17.47          | 142.00    | Horizontal | Vertical | N/A     |
| 3464.000        | -48.58       | 3.33        | -13.0          | -35.58          | 122.00    | Horizontal | Vertical | Pass    |
| 9381.937        | -32.78       | 36.27       | -13.0          | -19.78          | 36.00     | Horizontal | Vertical | Pass    |
| 18357.512       | -21.72       | 44.36       | -13.0          | -8.72           | 119.00    | Horizontal | Vertical | Pass    |



## RSE-V&V LTE Band 4 BW1.4 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

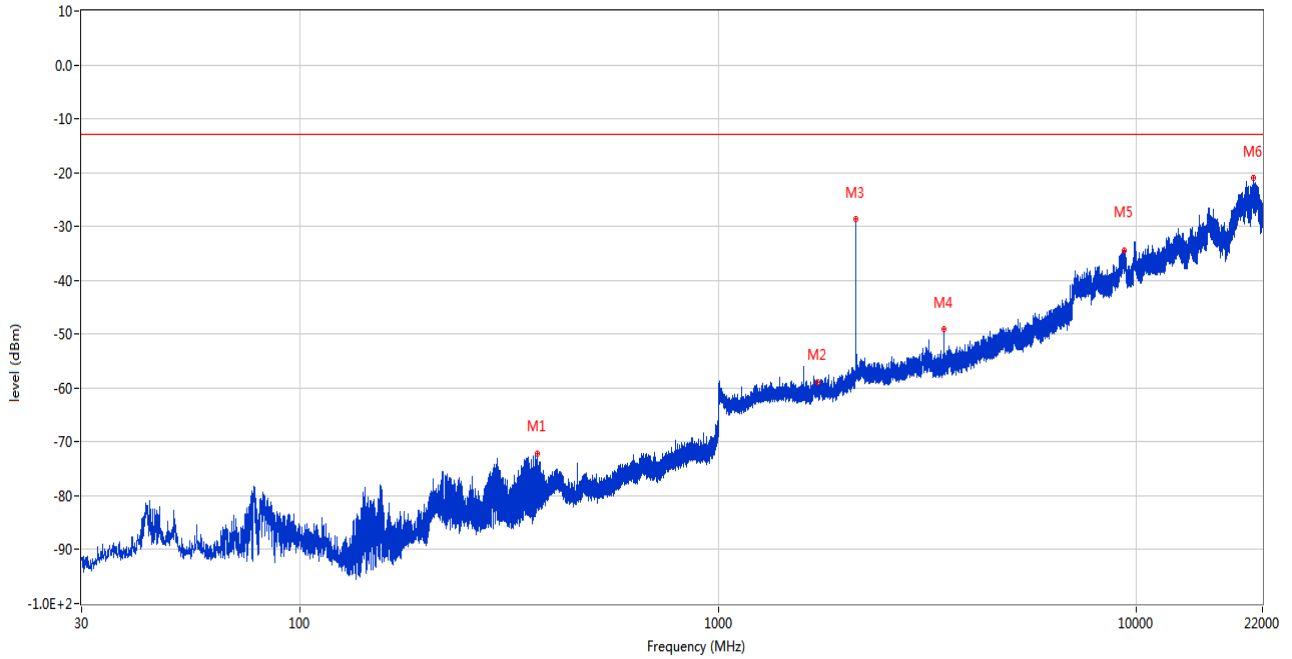


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.303          | -63.98       | -15.70      | -13.0          | -50.98          | 87.00     | Vertical | Vertical | Pass    |
| 1690.600        | -54.52       | -3.51       | -13.0          | -41.52          | 170.00    | Vertical | Vertical | N/A     |
| 2132.400        | -46.74       | -0.22       | -13.0          | -33.74          | 192.00    | Vertical | Vertical | N/A     |
| 3464.000        | -49.08       | 3.33        | -13.0          | -36.08          | 112.00    | Vertical | Vertical | Pass    |
| 9295.974        | -33.84       | 36.01       | -13.0          | -20.84          | 224.00    | Vertical | Vertical | Pass    |
| 19064.025       | -19.04       | 44.78       | -13.0          | -6.04           | 68.00     | Vertical | Vertical | Pass    |

## 9.2 LTE Band 4 BW3, Middle Channel

RSE-H&V LTE Band 4 BW3 CH20175

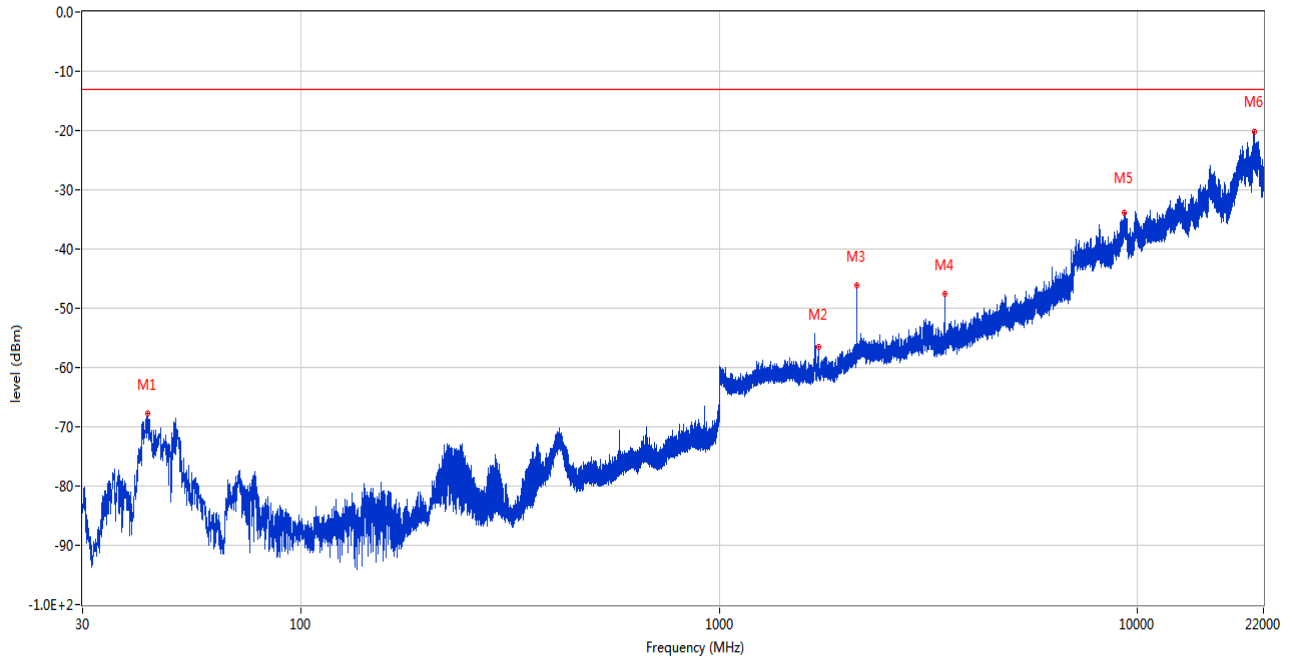
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 367.996         | -72.16       | -12.47      | -13.0          | -59.16          | 223.00    | Horizontal | Vertical | Pass    |
| 1731.100        | -58.88       | -2.13       | -13.0          | -45.88          | 180.00    | Horizontal | Vertical | N/A     |
| 2133.200        | -28.72       | -0.17       | -13.0          | -15.72          | 233.00    | Horizontal | Vertical | N/A     |
| 3462.400        | -49.02       | 3.21        | -13.0          | -36.02          | 143.00    | Horizontal | Vertical | Pass    |
| 9324.724        | -34.44       | 35.88       | -13.0          | -21.44          | 174.00    | Horizontal | Vertical | Pass    |
| 19063.663       | -20.95       | 44.78       | -13.0          | -7.95           | 348.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 4 BW3 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

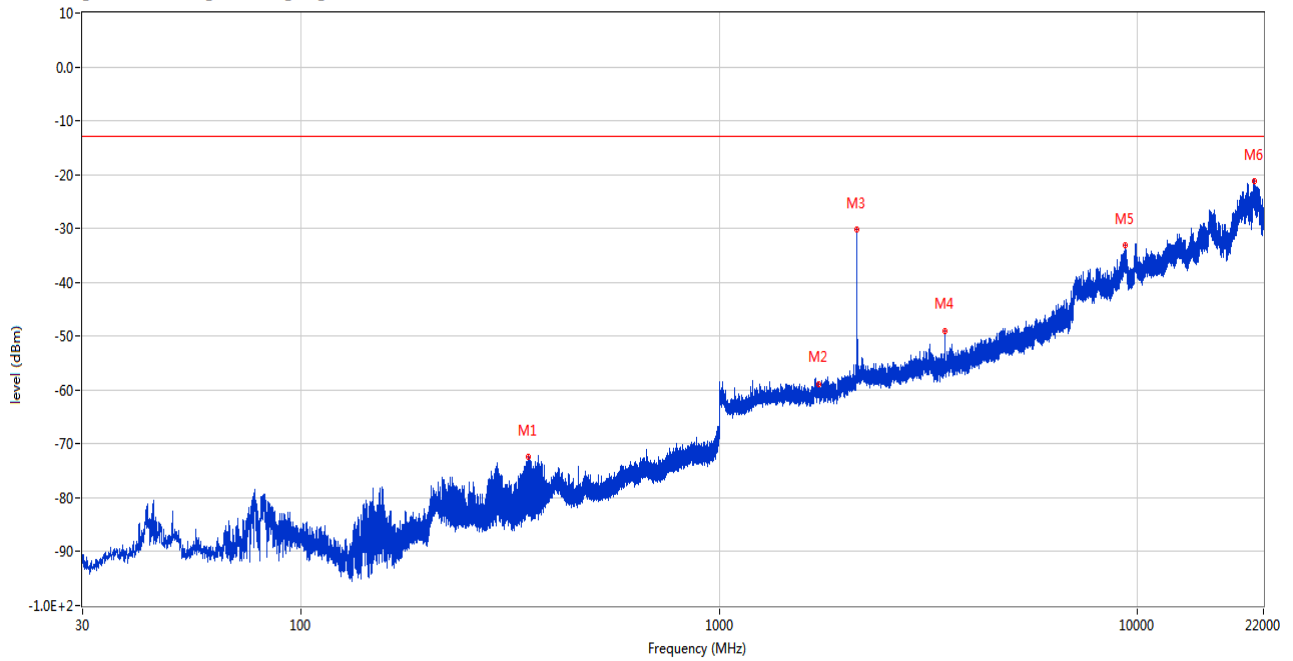


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.950          | -67.76       | -16.71      | -13.0          | -54.76          | 216.00    | Vertical | Vertical | Pass    |
| 1731.000        | -56.55       | -2.13       | -13.0          | -43.55          | 193.00    | Vertical | Vertical | N/A     |
| 2132.100        | -46.19       | -0.24       | -13.0          | -33.19          | 332.00    | Vertical | Vertical | N/A     |
| 3462.400        | -47.62       | 3.21        | -13.0          | -34.62          | 1.00      | Vertical | Vertical | Pass    |
| 9315.237        | -33.96       | 35.90       | -13.0          | -20.96          | 226.00    | Vertical | Vertical | Pass    |
| 19068.738       | -20.21       | 44.78       | -13.0          | -7.21           | 194.00    | Vertical | Vertical | Pass    |

### 9.3 LTE Band 4 BW5, Middle Channel

#### RSE-H&V LTE Band 4 BW5 CH20175

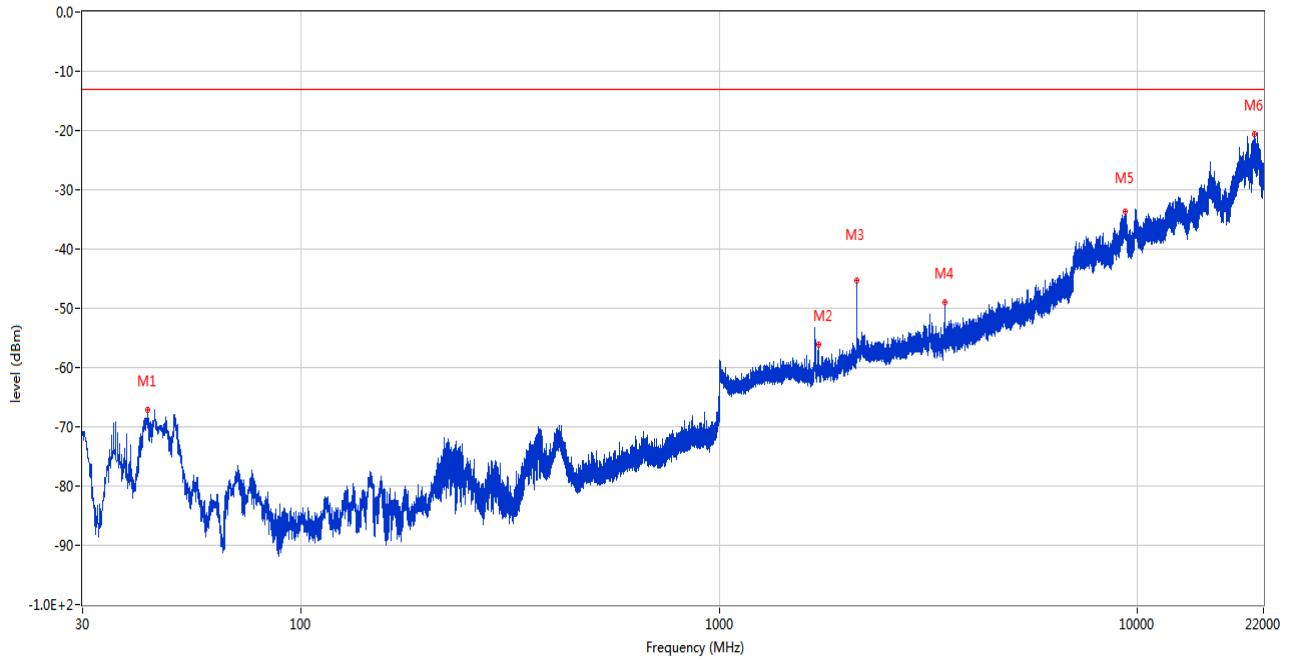
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 349.470         | -72.40       | -12.19      | -13.0          | -59.40          | 338.00    | Horizontal | Vertical | Pass    |
| 1730.400        | -58.91       | -2.13       | -13.0          | -45.91          | 257.00    | Horizontal | Vertical | N/A     |
| 2133.600        | -30.15       | -0.15       | -13.0          | -17.15          | 140.00    | Horizontal | Vertical | N/A     |
| 3460.600        | -49.03       | 3.35        | -13.0          | -36.03          | 34.00     | Horizontal | Vertical | Pass    |
| 9332.200        | -33.02       | 35.87       | -13.0          | -20.02          | 288.00    | Horizontal | Vertical | Pass    |
| 19060.038       | -21.25       | 44.79       | -13.0          | -8.25           | 144.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 4 BW5 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

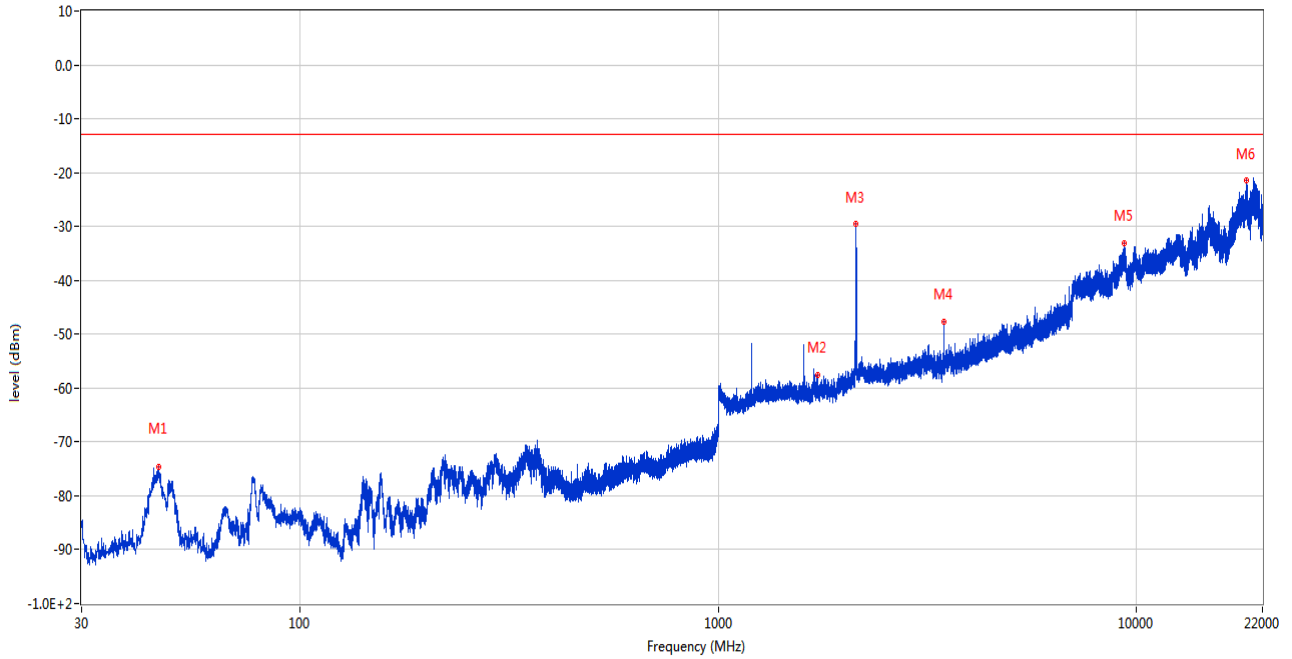


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.950          | -67.19       | -16.71      | -13.0          | -54.19          | 359.00    | Vertical | Vertical | Pass    |
| 1730.100        | -56.18       | -2.13       | -13.0          | -43.18          | 174.00    | Vertical | Vertical | N/A     |
| 2133.500        | -45.25       | -0.16       | -13.0          | -32.25          | 163.00    | Vertical | Vertical | N/A     |
| 3460.600        | -48.97       | 3.35        | -13.0          | -35.97          | 103.00    | Vertical | Vertical | Pass    |
| 9347.151        | -33.63       | 35.84       | -13.0          | -20.63          | 233.00    | Vertical | Vertical | Pass    |
| 19053.150       | -20.63       | 44.13       | -13.0          | -7.63           | 128.00    | Vertical | Vertical | Pass    |

## 9.4 LTE Band 4 BW10, Middle Channel

### RSE-H&V LTE Band 4 BW10 CH20175

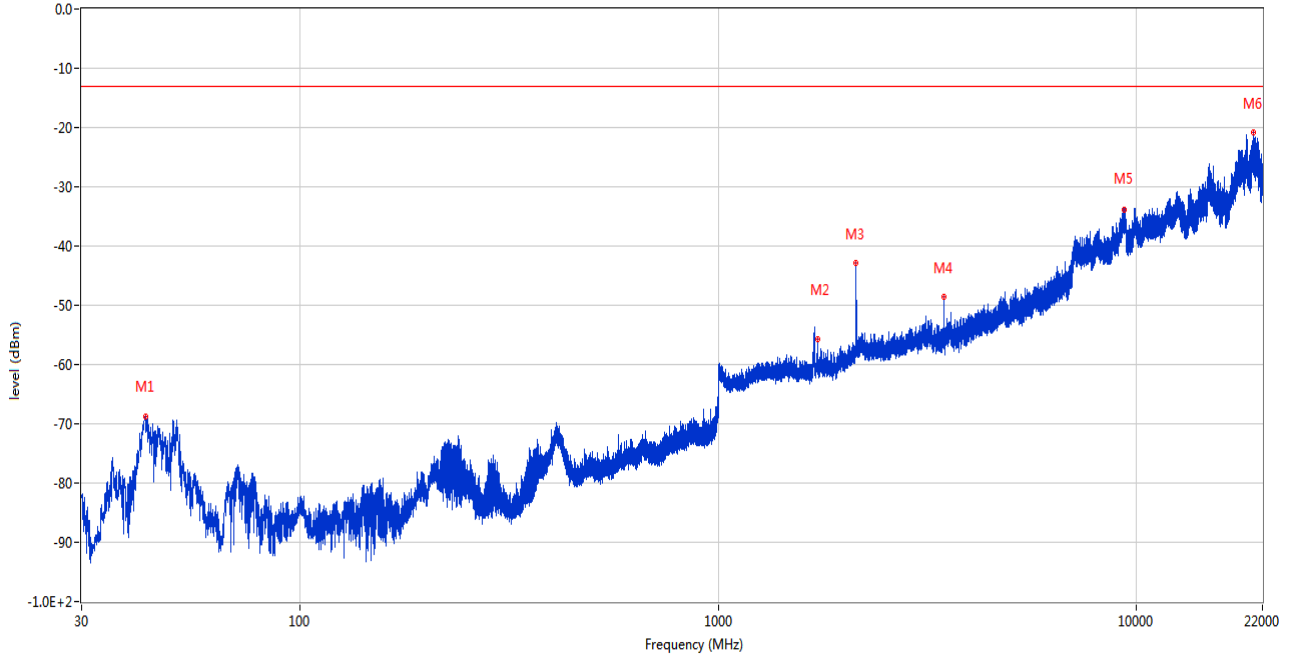
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 45.763          | -74.65       | -16.06      | -13.0          | -61.65          | 217.00    | Horizontal | Vertical | Pass    |
| 1727.900        | -57.55       | -2.14       | -13.0          | -44.55          | 171.00    | Horizontal | Vertical | N/A     |
| 2130.000        | -29.58       | -0.02       | -13.0          | -16.58          | 132.00    | Horizontal | Vertical | N/A     |
| 3456.200        | -47.60       | 3.78        | -13.0          | -34.60          | 61.00     | Horizontal | Vertical | Pass    |
| 9347.438        | -33.19       | 35.84       | -13.0          | -20.19          | 154.00    | Horizontal | Vertical | Pass    |
| 18353.887       | -21.53       | 43.79       | -13.0          | -8.53           | 43.00     | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 4 BW10 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

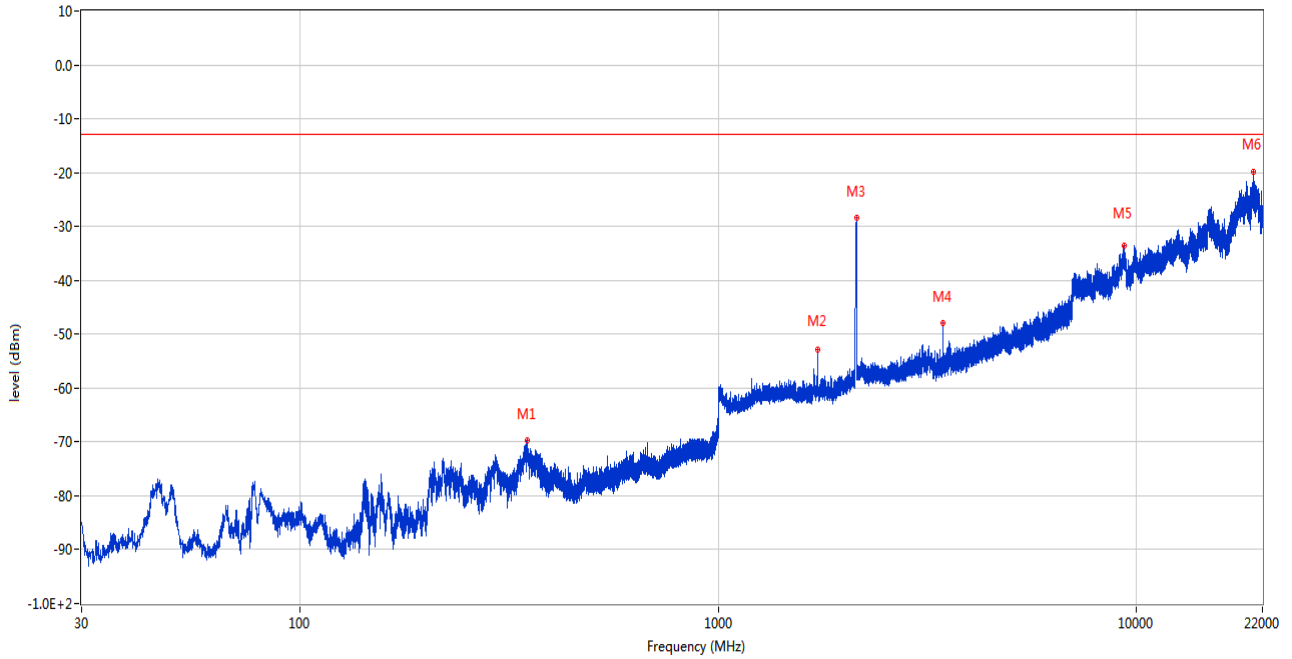


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.610          | -68.69       | -16.65      | -13.0          | -55.69          | 303.00    | Vertical | Vertical | Pass    |
| 1728.000        | -55.72       | -2.14       | -13.0          | -42.72          | 177.00    | Vertical | Vertical | N/A     |
| 2128.800        | -42.89       | -0.11       | -13.0          | -29.89          | 320.00    | Vertical | Vertical | N/A     |
| 3455.800        | -48.65       | 3.83        | -13.0          | -35.65          | 84.00     | Vertical | Vertical | Pass    |
| 9352.901        | -33.91       | 35.81       | -13.0          | -20.91          | 20.00     | Vertical | Vertical | Pass    |
| 19077.800       | -20.88       | 44.77       | -13.0          | -7.88           | 317.00    | Vertical | Vertical | Pass    |

## 9.5 LTE Band 4 BW15, Middle Channel

### RSE-H&V LTE Band 4 BW15 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

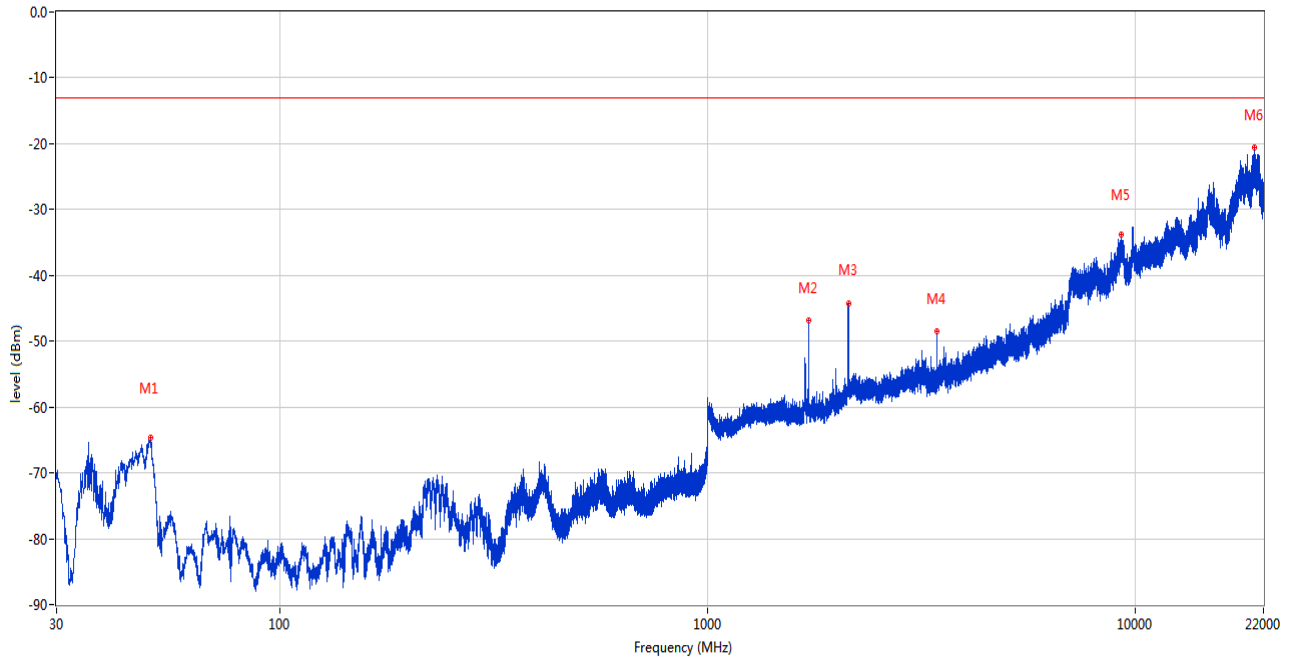


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 348.451         | -69.75       | -12.31      | -13.0          | -56.75          | 10.00     | Horizontal | Vertical | Pass    |
| 1725.600        | -52.79       | -2.14       | -13.0          | -39.79          | 22.00     | Horizontal | Vertical | N/A     |
| 2138.700        | -28.28       | -0.11       | -13.0          | -15.28          | 149.00    | Horizontal | Vertical | N/A     |
| 3451.400        | -47.97       | 4.00        | -13.0          | -34.97          | 132.00    | Horizontal | Vertical | Pass    |
| 9364.688        | -33.66       | 35.87       | -13.0          | -20.66          | 255.00    | Horizontal | Vertical | Pass    |
| 19076.350       | -19.86       | 44.77       | -13.0          | -6.86           | 134.00    | Horizontal | Vertical | Pass    |



## RSE-V&V LTE Band 4 BW15 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4

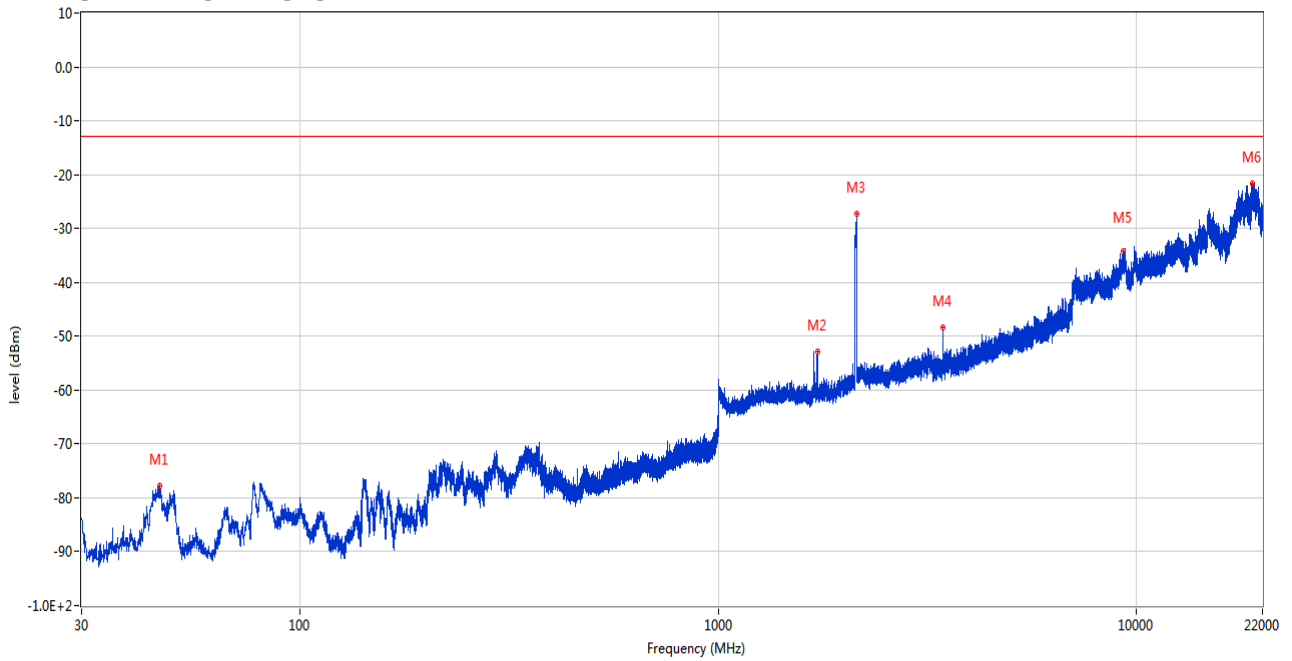


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.788          | -64.71       | -15.17      | -13.0          | -51.71          | 225.00    | Vertical | Vertical | Pass    |
| 1725.700        | -46.87       | -2.14       | -13.0          | -33.87          | 170.00    | Vertical | Vertical | N/A     |
| 2137.600        | -44.20       | -0.22       | -13.0          | -31.20          | 170.00    | Vertical | Vertical | N/A     |
| 3451.600        | -48.43       | 4.00        | -13.0          | -35.43          | 89.00     | Vertical | Vertical | Pass    |
| 9285.625        | -33.74       | 36.07       | -13.0          | -20.74          | 242.00    | Vertical | Vertical | Pass    |
| 19091.937       | -20.52       | 44.38       | -13.0          | -7.52           | 0.00      | Vertical | Vertical | Pass    |

## 9.6 LTE Band 4 BW20, Middle Channel

RSE-H&V LTE Band 4 BW20 CH20175

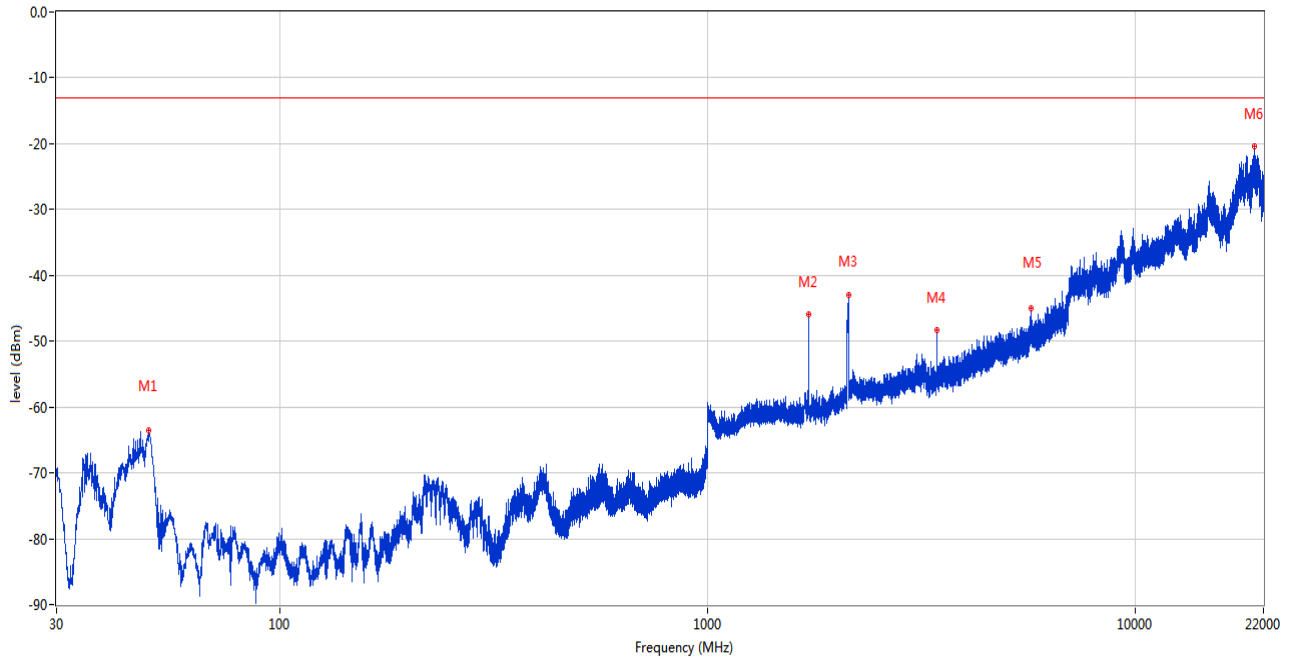
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 46.151          | -77.71       | -15.98      | -13.0          | -64.71          | 185.00    | Horizontal | Vertical | Pass    |
| 1723.400        | -52.82       | -2.14       | -13.0          | -39.82          | 251.00    | Horizontal | Vertical | N/A     |
| 2137.800        | -27.22       | -0.23       | -13.0          | -14.22          | 128.00    | Horizontal | Vertical | N/A     |
| 3447.200        | -48.31       | 3.90        | -13.0          | -35.31          | 59.00     | Horizontal | Vertical | Pass    |
| 9287.063        | -34.27       | 36.06       | -13.0          | -21.27          | 171.00    | Horizontal | Vertical | Pass    |
| 18967.964       | -21.74       | 43.80       | -13.0          | -8.74           | 288.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 4 BW20 CH20175

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_1700\_WCDMA B4&LTE B4



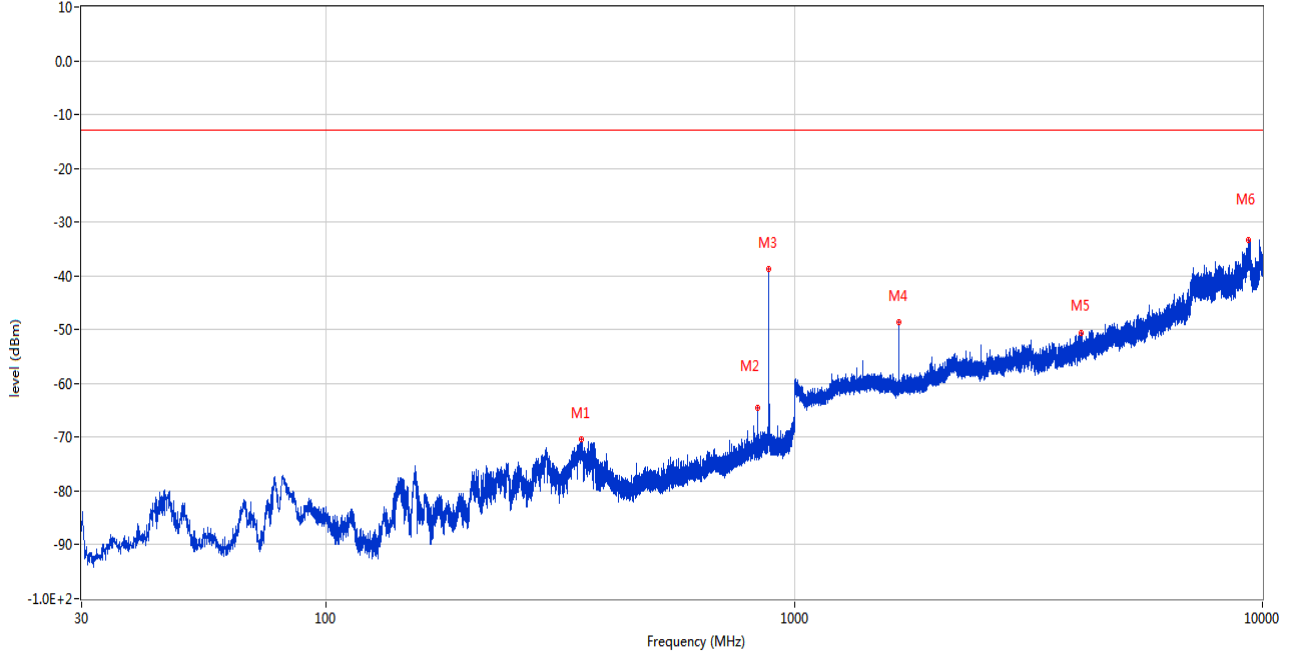
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.352          | -63.61       | -15.65      | -13.0          | -50.61          | 225.00    | Vertical | Vertical | Pass    |
| 1723.500        | -45.93       | -2.14       | -13.0          | -32.93          | 182.00    | Vertical | Vertical | N/A     |
| 2139.700        | -43.00       | 0.06        | -13.0          | -30.00          | 207.00    | Vertical | Vertical | N/A     |
| 3447.200        | -48.25       | 3.90        | -13.0          | -35.25          | 15.00     | Vertical | Vertical | Pass    |
| 5731.800        | -45.08       | 11.70       | -13.0          | -32.08          | 127.00    | Vertical | Vertical | Pass    |
| 19056.050       | -20.40       | 44.41       | -13.0          | -7.40           | 360.00    | Vertical | Vertical | Pass    |

## 10 LTE Band 5

### 10.1 LTE Band 5 BW1.4, Middle Channel

#### RSE-H&V LTE Band 5 BW1.4 CH20525

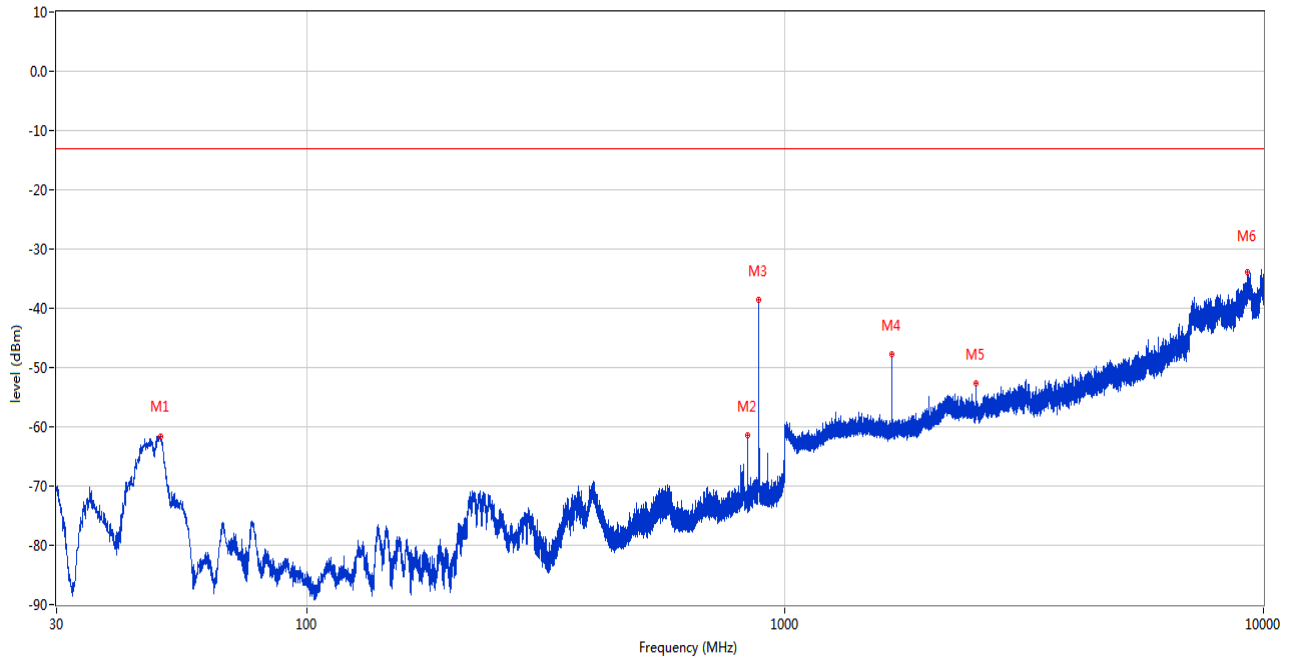
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 350.537         | -70.28       | -12.52      | -13.0          | -57.28          | 360.00    | Horizontal | Vertical | Pass    |
| 835.973         | -64.50       | -1.34       | -13.0          | -51.50          | 357.00    | Horizontal | Vertical | N/A     |
| 881.951         | -38.77       | -1.23       | -13.0          | -25.77          | 88.00     | Horizontal | Vertical | N/A     |
| 1672.000        | -48.66       | -3.66       | -13.0          | -35.66          | 0.00      | Horizontal | Vertical | Pass    |
| 4103.200        | -50.55       | 5.98        | -13.0          | -37.55          | 337.00    | Horizontal | Vertical | Pass    |
| 9341.200        | -33.40       | 35.86       | -13.0          | -20.40          | 351.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 5 BW1.4 CH20525

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

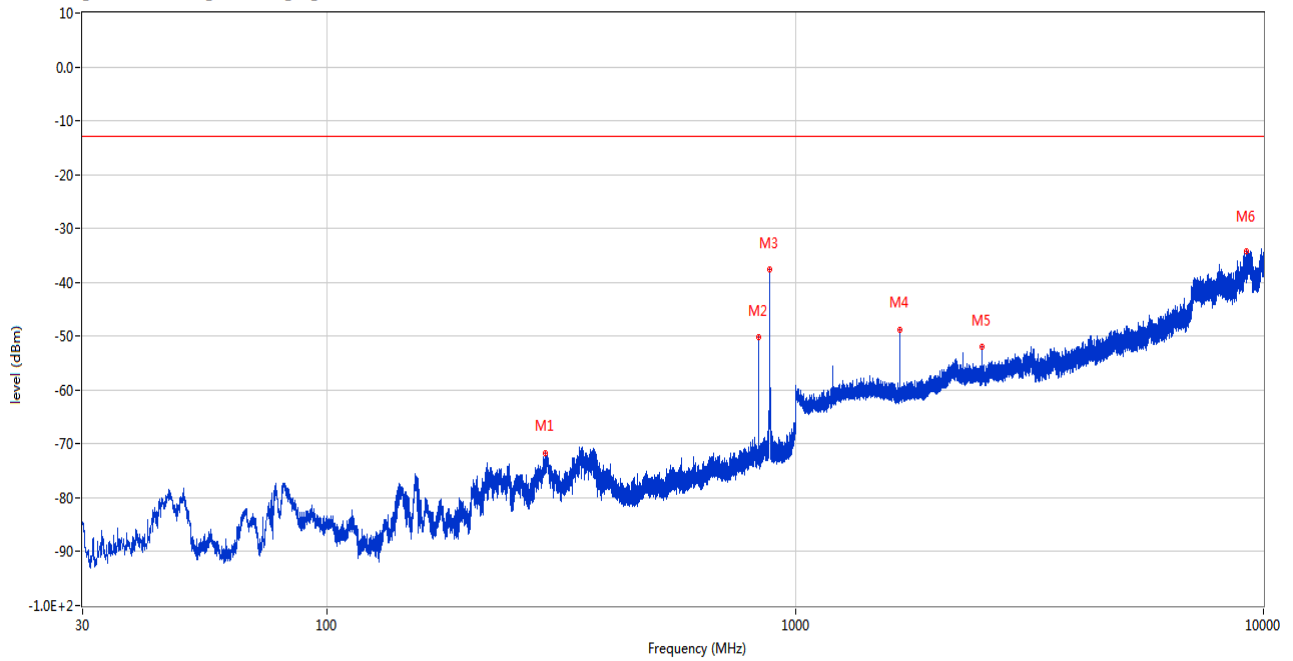


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.497          | -61.58       | -15.61      | -13.0          | -48.58          | 287.00    | Vertical | Vertical | Pass    |
| 836.022         | -61.47       | -1.34       | -13.0          | -48.47          | 128.00    | Vertical | Vertical | N/A     |
| 881.903         | -38.55       | -1.24       | -13.0          | -25.55          | 26.00     | Vertical | Vertical | N/A     |
| 1672.000        | -47.82       | -3.66       | -13.0          | -34.82          | 174.00    | Vertical | Vertical | Pass    |
| 2508.100        | -52.73       | 1.12        | -13.0          | -39.73          | 234.00    | Vertical | Vertical | Pass    |
| 9264.400        | -33.91       | 36.15       | -13.0          | -20.91          | 174.00    | Vertical | Vertical | Pass    |

## 10.2 LTE Band 5 BW3, Middle Channel

### RSE-H&V LTE Band 5 BW3 CH20525

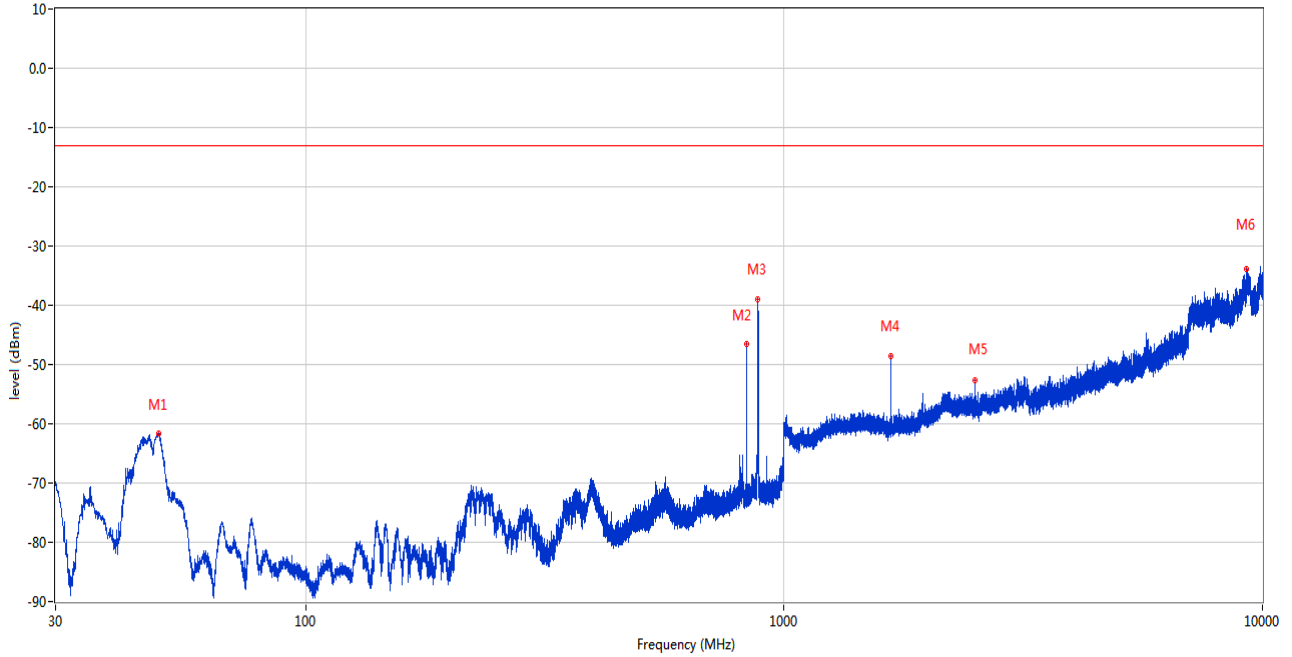
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 292.870         | -71.66       | -13.17      | -13.0          | -58.66          | 341.00    | Horizontal | Vertical | Pass    |
| 835.197         | -50.14       | -1.35       | -13.0          | -37.14          | 341.00    | Horizontal | Vertical | N/A     |
| 882.484         | -37.65       | -1.24       | -13.0          | -24.65          | 238.00    | Horizontal | Vertical | N/A     |
| 1670.500        | -48.71       | -3.66       | -13.0          | -35.71          | 11.00     | Horizontal | Vertical | Pass    |
| 2505.600        | -51.96       | 0.90        | -13.0          | -38.96          | 64.00     | Horizontal | Vertical | Pass    |
| 9216.099        | -34.30       | 35.09       | -13.0          | -21.30          | 181.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 5 BW3 CH20525

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

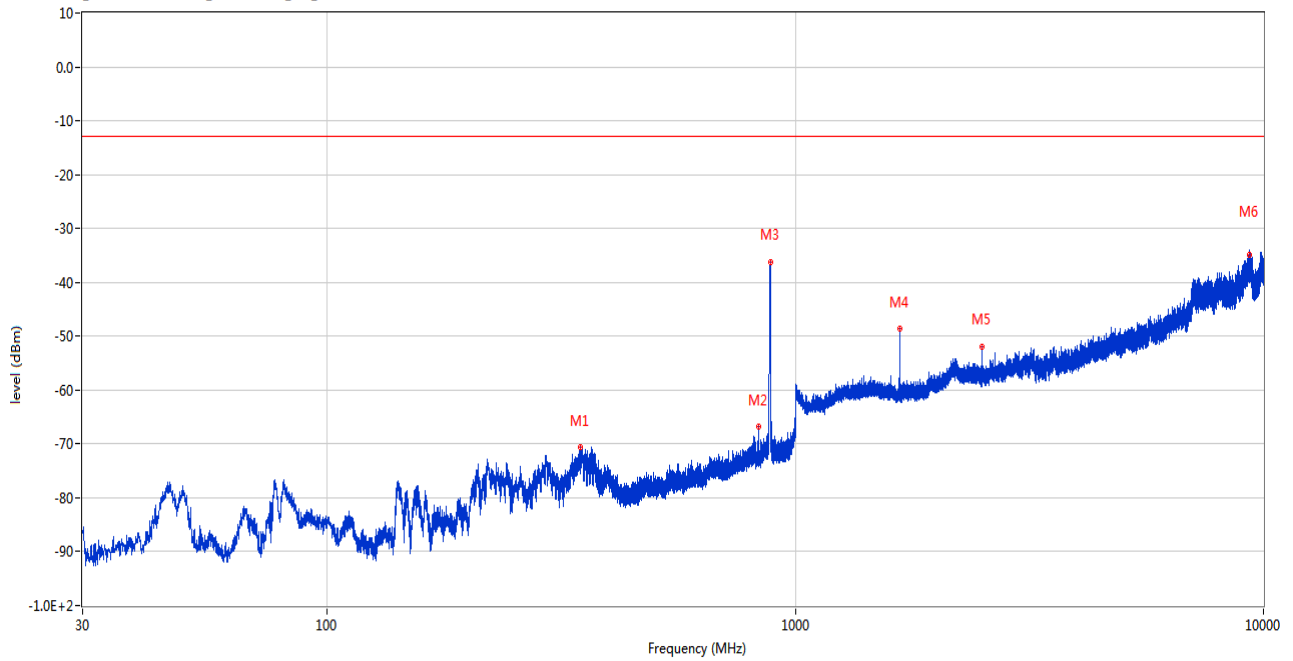


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.303          | -61.73       | -15.84      | -13.0          | -48.73          | 294.00    | Vertical | Vertical | Pass    |
| 835.197         | -46.49       | -1.35       | -13.0          | -33.49          | 134.00    | Vertical | Vertical | N/A     |
| 880.787         | -39.03       | -1.40       | -13.0          | -26.03          | 86.00     | Vertical | Vertical | N/A     |
| 1670.300        | -48.52       | -3.64       | -13.0          | -35.52          | 31.00     | Vertical | Vertical | Pass    |
| 2506.000        | -52.70       | 0.93        | -13.0          | -39.70          | 3.00      | Vertical | Vertical | Pass    |
| 9260.500        | -33.95       | 36.16       | -13.0          | -20.95          | 141.00    | Vertical | Vertical | Pass    |

### 10.3 LTE Band 5 BW5, Middle Channel

#### RSE-H&V LTE Band 5 BW5 CH20525

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

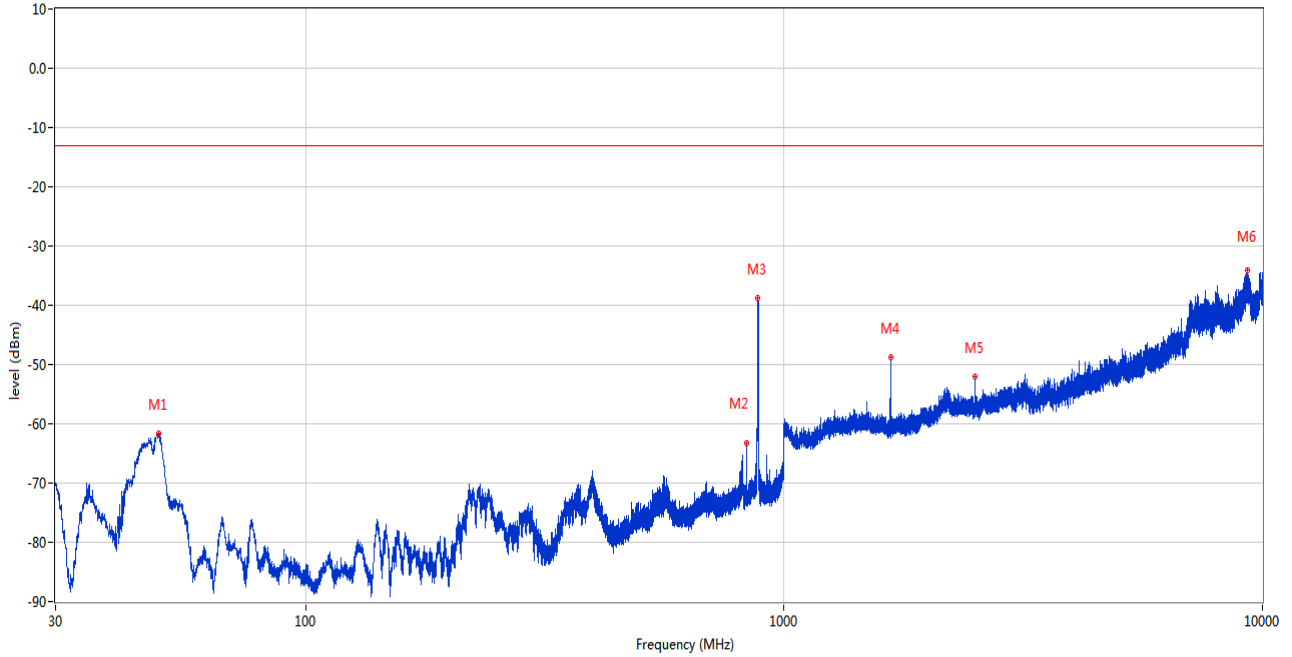


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 348.014         | -70.54       | -12.51      | -13.0          | -57.54          | 360.00    | Horizontal | Vertical | Pass    |
| 834.372         | -66.77       | -1.37       | -13.0          | -53.77          | 325.00    | Horizontal | Vertical | N/A     |
| 883.503         | -36.30       | -1.26       | -13.0          | -23.30          | 243.00    | Horizontal | Vertical | N/A     |
| 1668.600        | -48.69       | -3.45       | -13.0          | -35.69          | 0.00      | Horizontal | Vertical | Pass    |
| 2502.800        | -51.85       | 0.62        | -13.0          | -38.85          | 171.00    | Horizontal | Vertical | Pass    |
| 9343.600        | -34.85       | 35.85       | -13.0          | -21.85          | 331.00    | Horizontal | Vertical | Pass    |



## RSE-V&V LTE Band 5 BW5 CH20525

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26

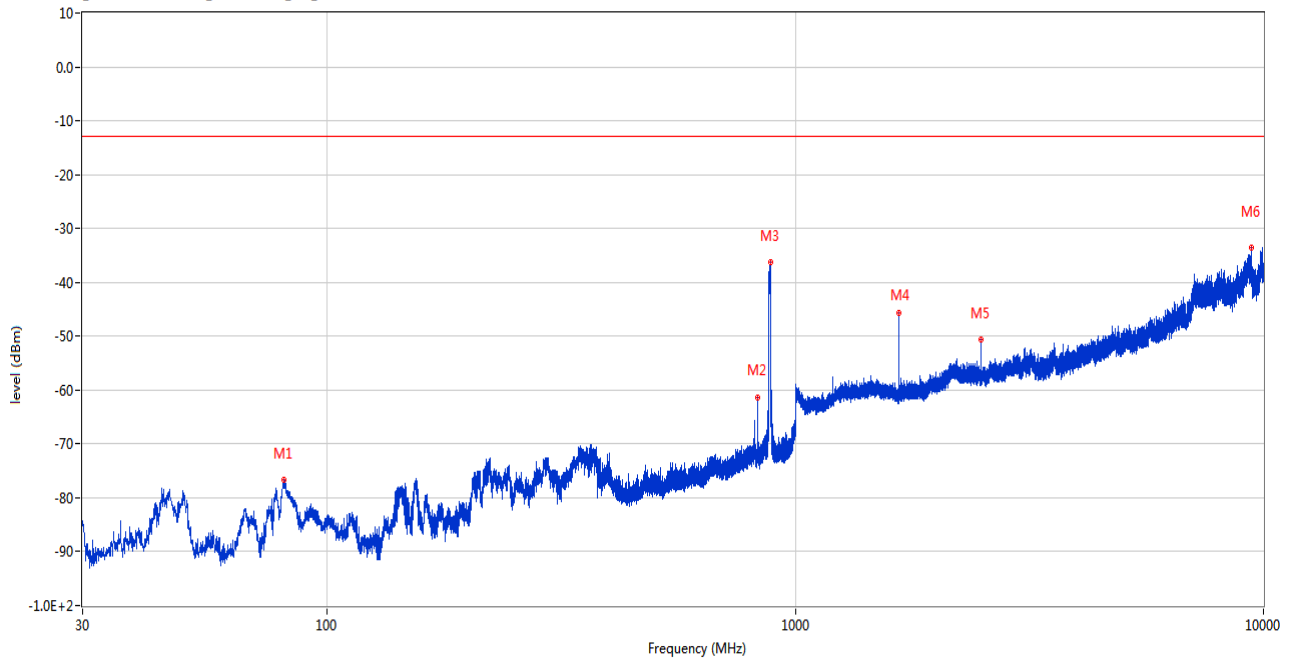


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.352          | -61.72       | -15.78      | -13.0          | -48.72          | 248.00    | Vertical | Vertical | Pass    |
| 834.324         | -63.22       | -1.37       | -13.0          | -50.22          | 107.00    | Vertical | Vertical | N/A     |
| 882.533         | -38.87       | -1.24       | -13.0          | -25.87          | 24.00     | Vertical | Vertical | N/A     |
| 1668.600        | -48.83       | -3.45       | -13.0          | -35.83          | 52.00     | Vertical | Vertical | Pass    |
| 2503.000        | -52.10       | 0.62        | -13.0          | -39.10          | 0.00      | Vertical | Vertical | Pass    |
| 9290.350        | -34.04       | 36.04       | -13.0          | -21.04          | 264.00    | Vertical | Vertical | Pass    |

## 10.4 LTE Band 5 BW10, Middle Channel

### RSE-H&V LTE Band 5 BW10 CH20525

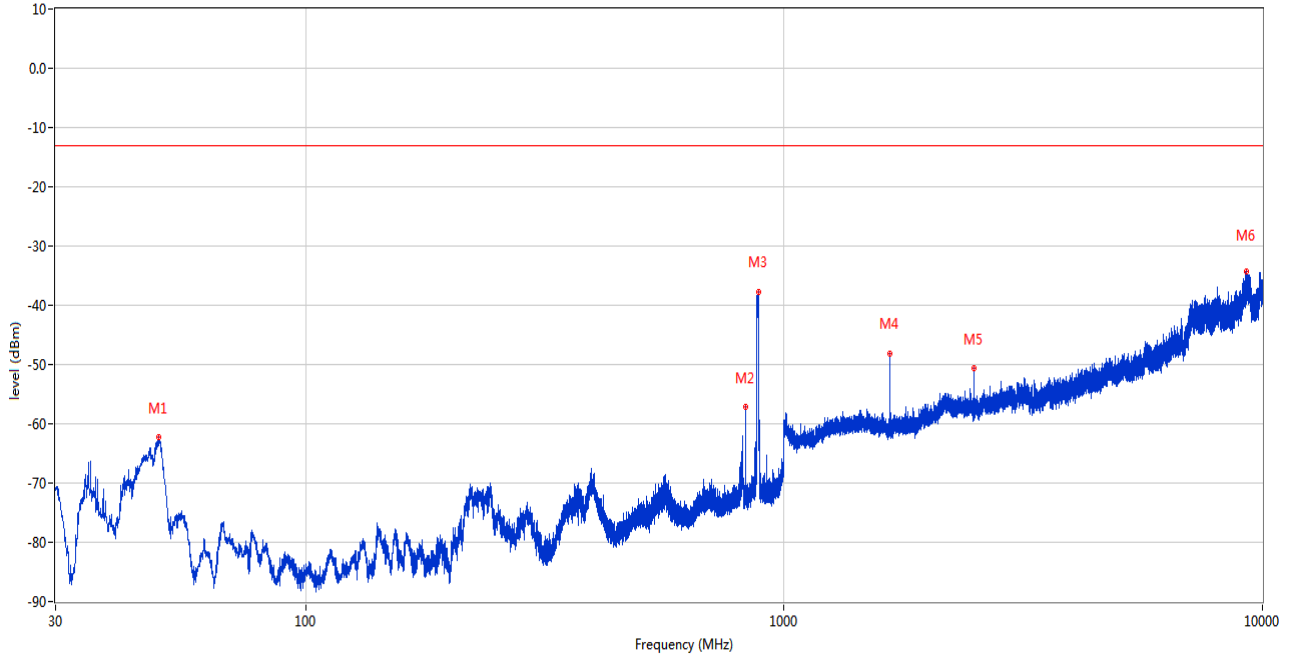
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 80.586          | -76.74       | -20.39      | -13.0          | -63.74          | 330.00    | Horizontal | Vertical | Pass    |
| 832.093         | -61.29       | -1.40       | -13.0          | -48.29          | 330.00    | Horizontal | Vertical | N/A     |
| 885.297         | -36.25       | -1.28       | -13.0          | -23.25          | 94.00     | Horizontal | Vertical | N/A     |
| 1664.100        | -45.59       | -3.66       | -13.0          | -32.59          | 11.00     | Horizontal | Vertical | Pass    |
| 2496.300        | -50.60       | 0.46        | -13.0          | -37.60          | 66.00     | Horizontal | Vertical | Pass    |
| 9409.150        | -33.62       | 36.23       | -13.0          | -20.62          | 297.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 5 BW10 CH20525

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_850\_GSM 850&CDMA BC0&WCDMA B5&LTE B5&26



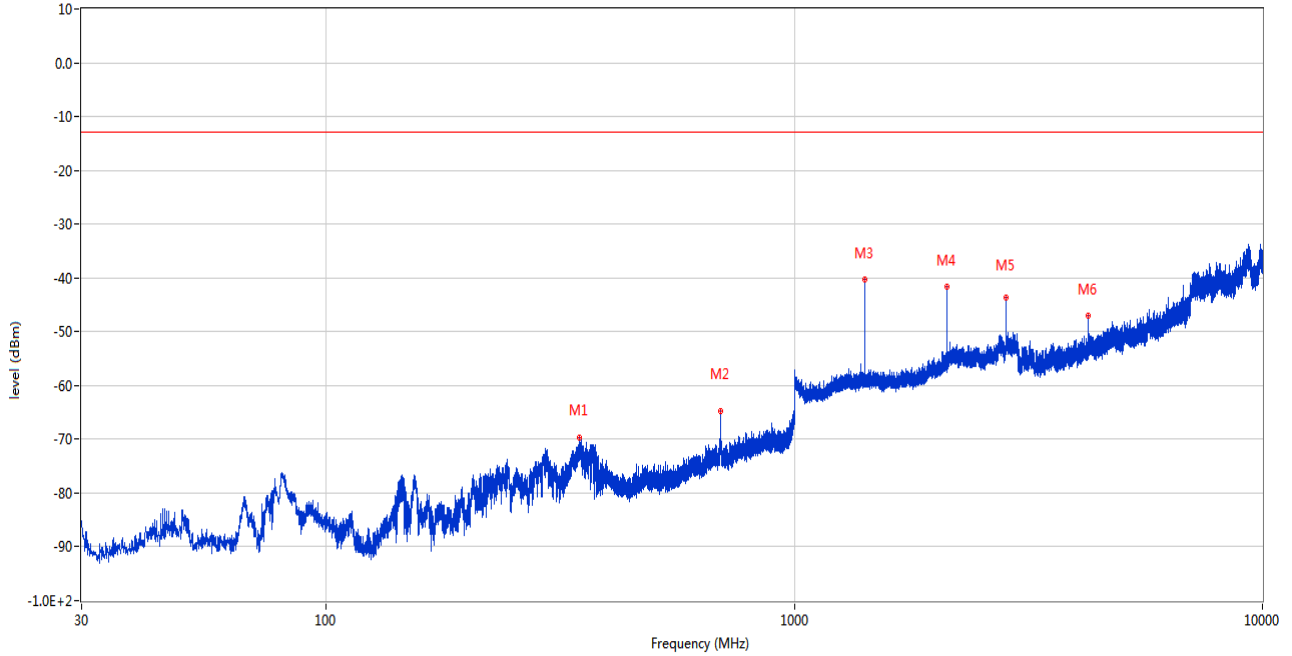
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 49.303          | -62.29       | -15.84      | -13.0          | -49.29          | 262.00    | Vertical | Vertical | Pass    |
| 832.044         | -57.19       | -1.40       | -13.0          | -44.19          | 108.00    | Vertical | Vertical | N/A     |
| 883.406         | -37.67       | -1.26       | -13.0          | -24.67          | 9.00      | Vertical | Vertical | N/A     |
| 1664.100        | -48.07       | -3.66       | -13.0          | -35.07          | 60.00     | Vertical | Vertical | Pass    |
| 2496.300        | -50.69       | 0.46        | -13.0          | -37.69          | 4.00      | Vertical | Vertical | Pass    |
| 9264.099        | -34.28       | 36.15       | -13.0          | -21.28          | 315.00    | Vertical | Vertical | Pass    |

## 11 LTE Band 12

### 11.1 LTE Band 12 BW1.4, Middle Channel

RSE-H&V LTE Band 12 BW1.4 CH23095

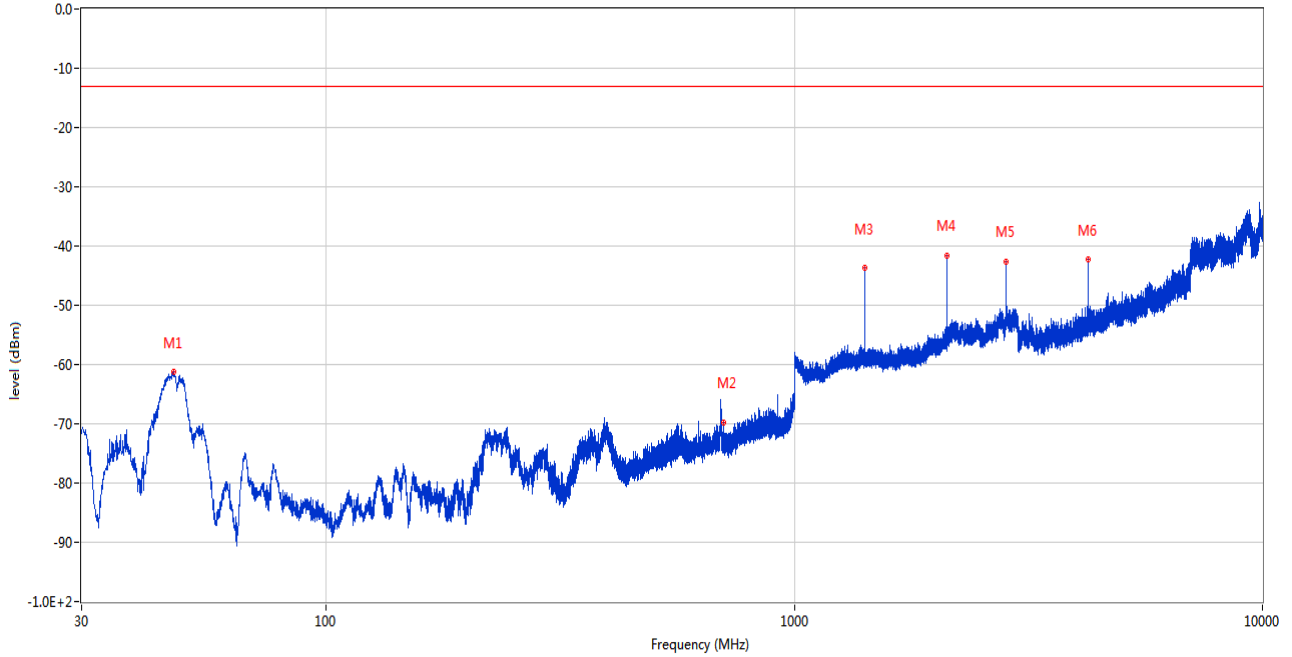
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 347.918         | -69.59       | -11.49      | -13.0          | -56.59          | 360.00    | Horizontal | Vertical | Pass    |
| 696.681         | -64.77       | -2.04       | -13.0          | -51.77          | 167.00    | Horizontal | Vertical | N/A     |
| 1414.100        | -40.30       | -1.52       | -13.0          | -27.30          | 162.00    | Horizontal | Vertical | Pass    |
| 2121.100        | -41.70       | 1.49        | -13.0          | -28.70          | 224.00    | Horizontal | Vertical | Pass    |
| 2828.200        | -43.66       | 6.26        | -13.0          | -30.66          | 131.00    | Horizontal | Vertical | Pass    |
| 4242.000        | -47.01       | 6.71        | -13.0          | -34.01          | 355.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 12 BW1.4 CH23095

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12

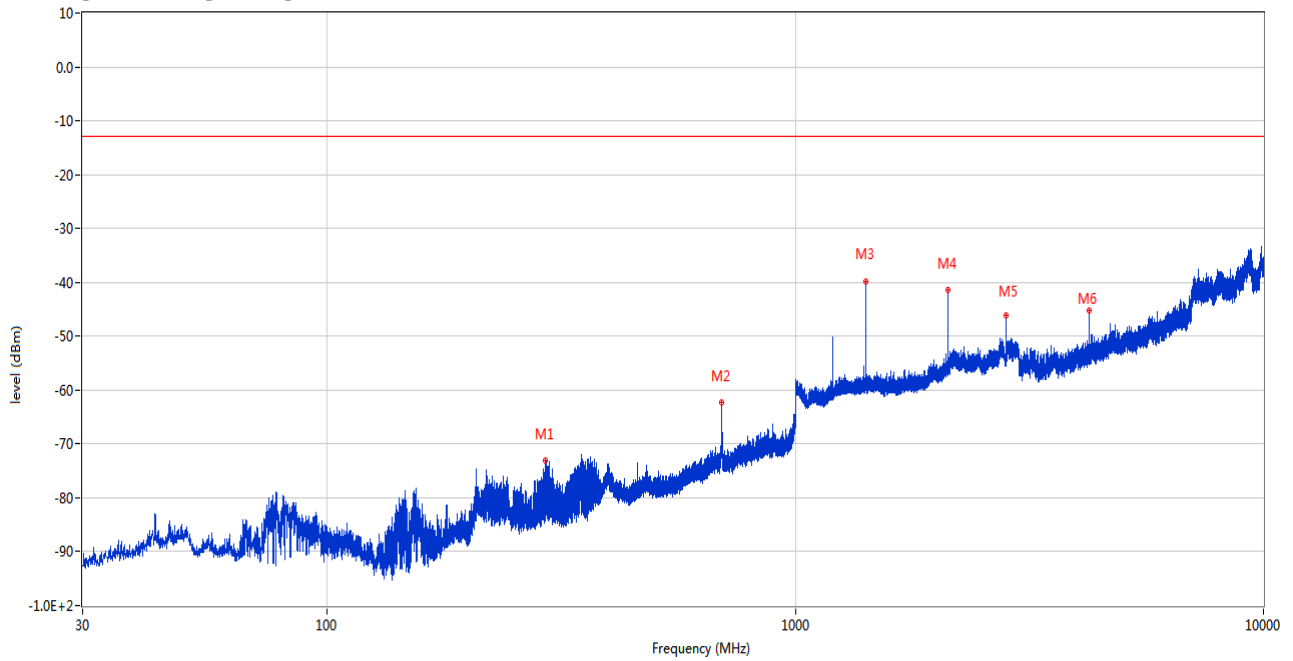


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 47.315          | -61.29       | -16.18      | -13.0          | -48.29          | 294.00    | Vertical | Vertical | Pass    |
| 707.060         | -69.86       | -2.30       | -13.0          | -56.86          | 231.00    | Vertical | Vertical | N/A     |
| 1414.100        | -43.73       | -1.52       | -13.0          | -30.73          | 161.00    | Vertical | Vertical | Pass    |
| 2121.200        | -41.58       | 1.49        | -13.0          | -28.58          | 320.00    | Vertical | Vertical | Pass    |
| 2828.100        | -42.74       | 6.23        | -13.0          | -29.74          | 234.00    | Vertical | Vertical | Pass    |
| 4242.200        | -42.28       | 6.70        | -13.0          | -29.28          | 173.00    | Vertical | Vertical | Pass    |

## 11.2 LTE Band 12 BW3, Middle Channel

RSE-H&V LTE Band 12 BW3 CH23095

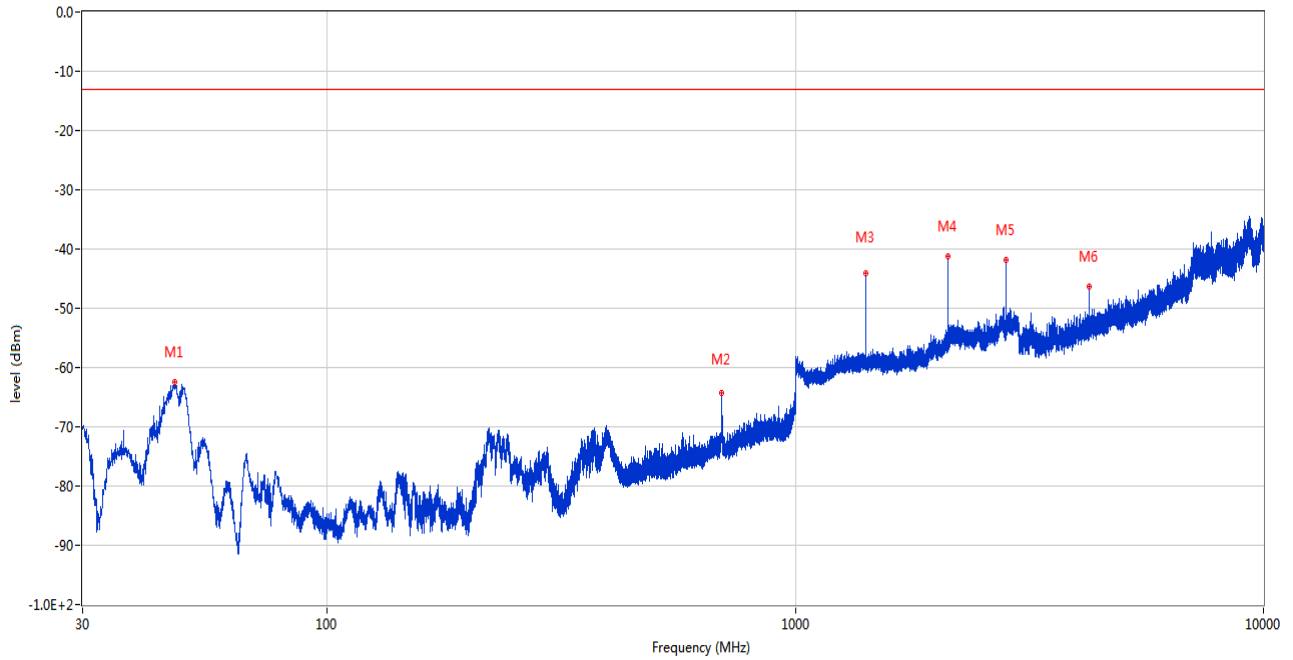
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 292.918         | -73.07       | -12.20      | -13.0          | -60.07          | 339.00    | Horizontal | Vertical | Pass    |
| 695.760         | -62.24       | -2.01       | -13.0          | -49.24          | 172.00    | Horizontal | Vertical | N/A     |
| 1412.500        | -39.73       | -1.57       | -13.0          | -26.73          | 166.00    | Horizontal | Vertical | Pass    |
| 2118.600        | -41.47       | 1.35        | -13.0          | -28.47          | 42.00     | Horizontal | Vertical | Pass    |
| 2825.000        | -46.18       | 5.52        | -13.0          | -33.18          | 150.00    | Horizontal | Vertical | Pass    |
| 4237.200        | -45.27       | 6.50        | -13.0          | -32.27          | 291.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 12 BW3 CH23095

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12

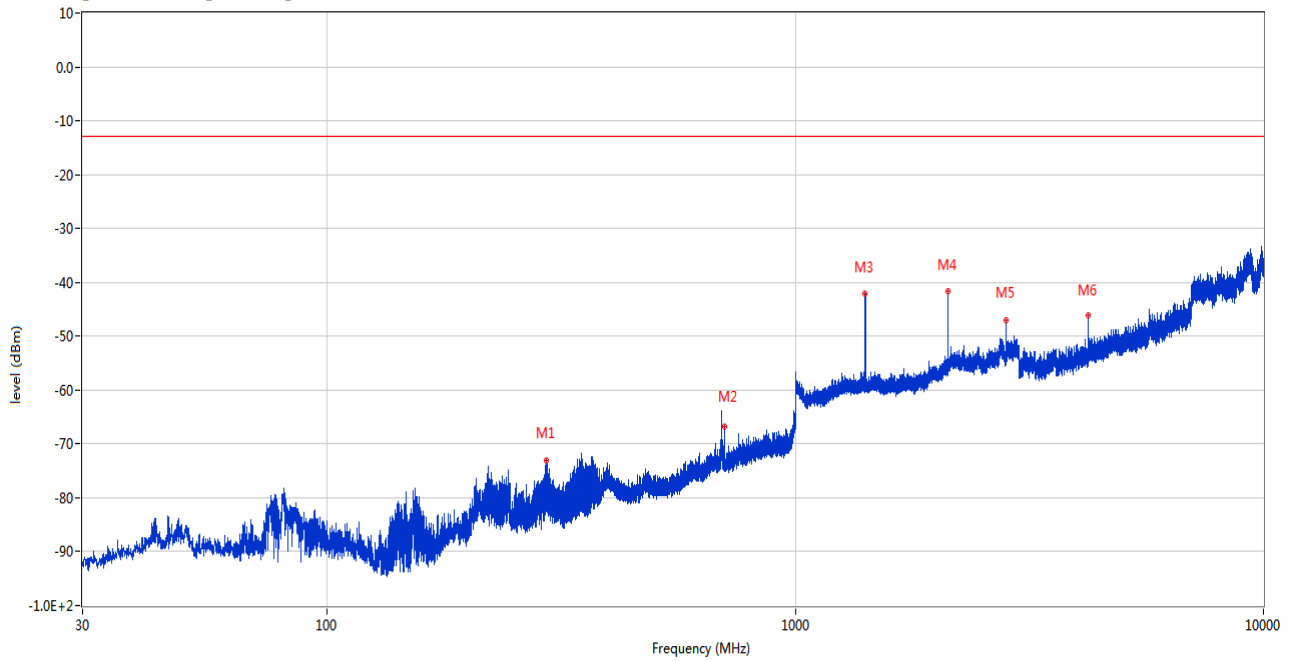


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 47.315          | -62.38       | -16.18      | -13.0          | -49.38          | 297.00    | Vertical | Vertical | Pass    |
| 695.760         | -64.21       | -2.01       | -13.0          | -51.21          | 132.00    | Vertical | Vertical | N/A     |
| 1412.500        | -44.07       | -1.57       | -13.0          | -31.07          | 84.00     | Vertical | Vertical | Pass    |
| 2118.700        | -41.22       | 1.34        | -13.0          | -28.22          | 305.00    | Vertical | Vertical | Pass    |
| 2824.800        | -41.82       | 5.48        | -13.0          | -28.82          | 216.00    | Vertical | Vertical | Pass    |
| 4237.600        | -46.24       | 6.53        | -13.0          | -33.24          | 56.00     | Vertical | Vertical | Pass    |

### 11.3 LTE Band 12 BW5, Middle Channel

RSE-H&V LTE Band 12 BW5 CH23095

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12

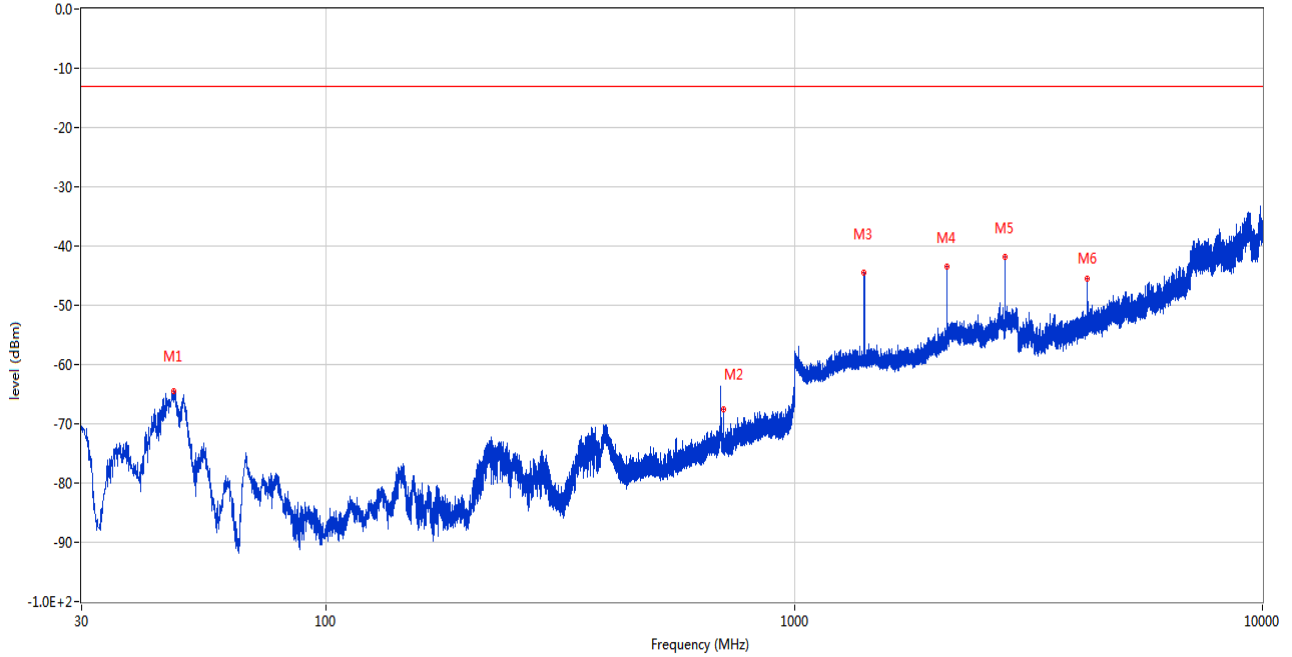


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 294.034         | -73.00       | -12.14      | -13.0          | -60.00          | 346.00    | Horizontal | Vertical | Pass    |
| 705.362         | -66.75       | -2.26       | -13.0          | -53.75          | 166.00    | Horizontal | Vertical | N/A     |
| 1410.600        | -42.18       | -1.62       | -13.0          | -29.18          | 166.00    | Horizontal | Vertical | Pass    |
| 2115.900        | -41.70       | 1.54        | -13.0          | -28.70          | 227.00    | Horizontal | Vertical | Pass    |
| 2821.400        | -47.11       | 5.04        | -13.0          | -34.11          | 151.00    | Horizontal | Vertical | Pass    |
| 4231.600        | -46.05       | 6.54        | -13.0          | -33.05          | 288.00    | Horizontal | Vertical | Pass    |



## RSE-V&V LTE Band 12 BW5 CH23095

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12

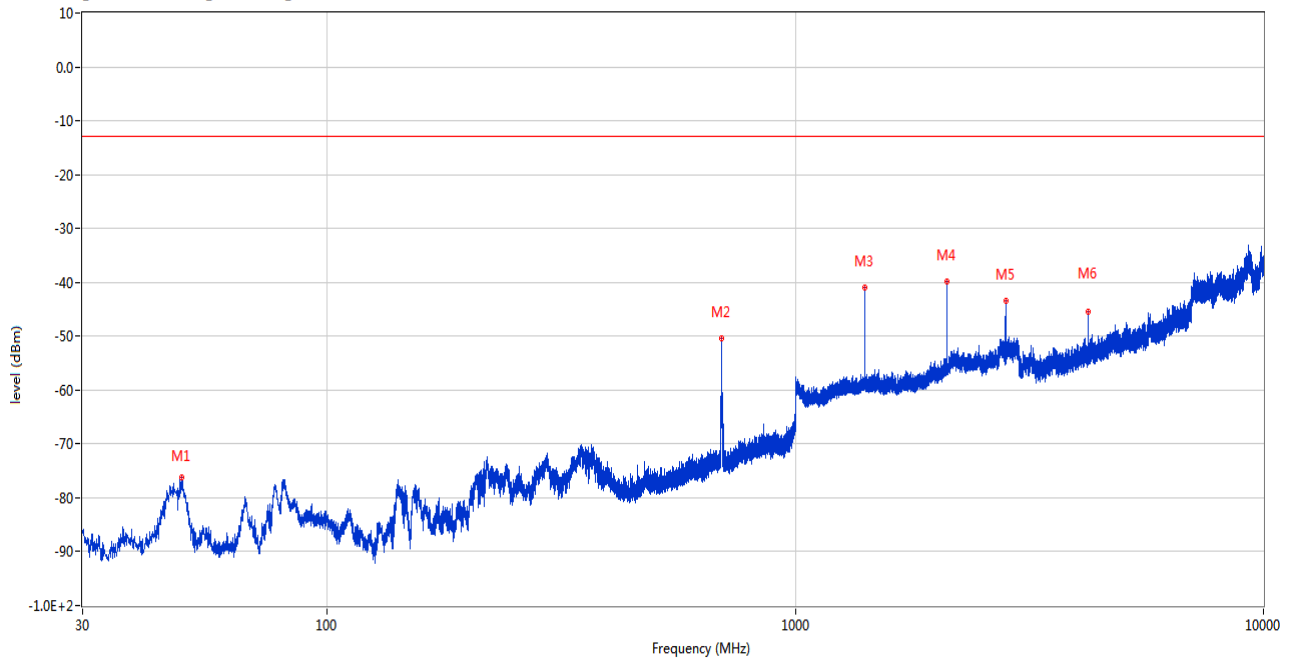


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 47.169          | -64.46       | -16.20      | -13.0          | -51.46          | 334.00    | Vertical | Vertical | Pass    |
| 705.411         | -67.54       | -2.26       | -13.0          | -54.54          | 143.00    | Vertical | Vertical | N/A     |
| 1410.600        | -44.53       | -1.62       | -13.0          | -31.53          | 157.00    | Vertical | Vertical | Pass    |
| 2115.900        | -43.49       | 1.54        | -13.0          | -30.49          | 319.00    | Vertical | Vertical | Pass    |
| 2821.300        | -41.92       | 5.00        | -13.0          | -28.92          | 216.00    | Vertical | Vertical | Pass    |
| 4231.600        | -45.51       | 6.54        | -13.0          | -32.51          | 177.00    | Vertical | Vertical | Pass    |

## 11.4 LTE Band 12 BW10, Middle Channel

RSE-H&V LTE Band 12 BW10 CH23095

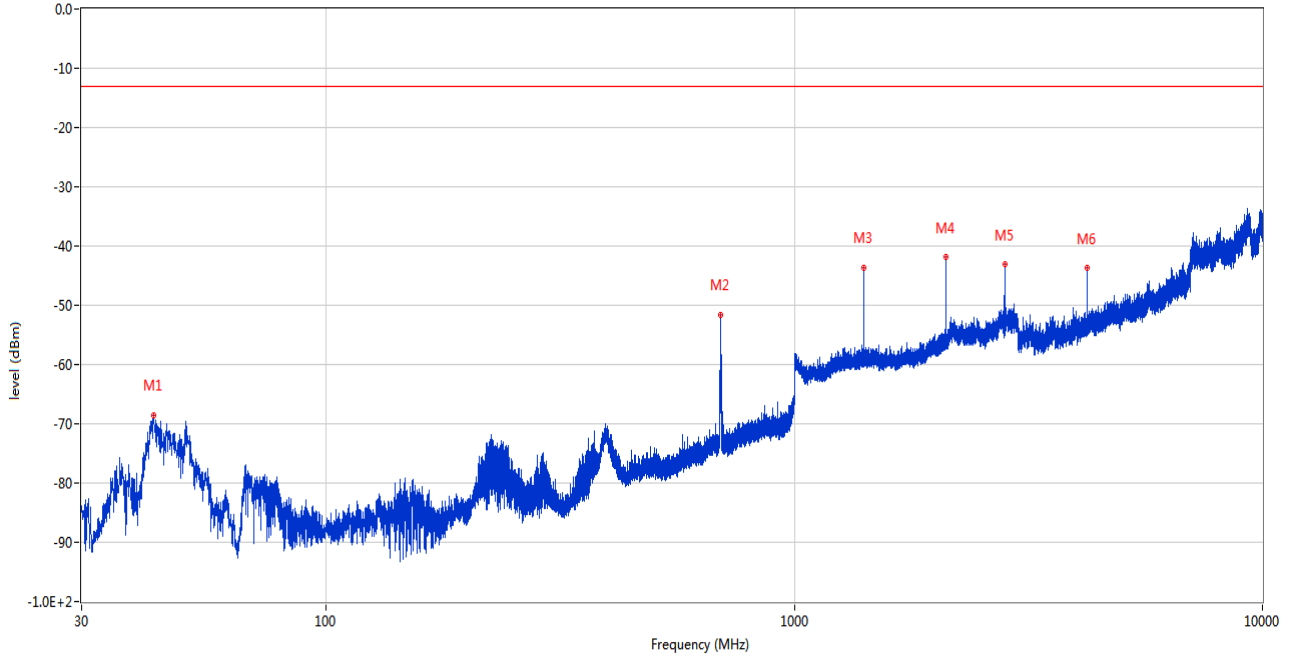
RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 48.770          | -76.14       | -15.98      | -13.0          | -63.14          | 211.00    | Horizontal | Vertical | Pass    |
| 696.633         | -50.46       | -2.04       | -13.0          | -37.46          | 166.00    | Horizontal | Vertical | N/A     |
| 1406.100        | -41.02       | -1.22       | -13.0          | -28.02          | 123.00    | Horizontal | Vertical | Pass    |
| 2109.200        | -39.87       | 1.88        | -13.0          | -26.87          | 62.00     | Horizontal | Vertical | Pass    |
| 2812.400        | -43.47       | 4.53        | -13.0          | -30.47          | 138.00    | Horizontal | Vertical | Pass    |
| 4218.400        | -45.47       | 6.52        | -13.0          | -32.47          | 103.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 12 BW10 CH23095

RSE Test case\_FCC PART22&24&27\_FCC PART 22\_LTE B17 & B12



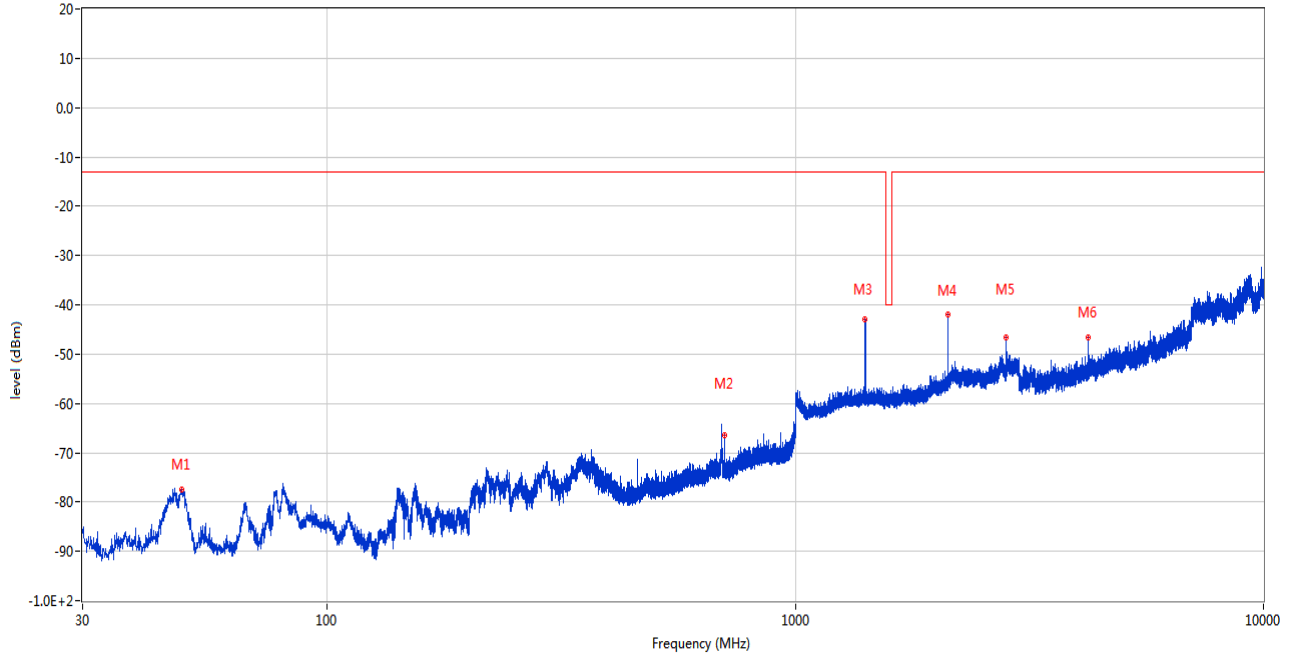
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.707          | -68.50       | -16.60      | -13.0          | -55.50          | 357.00    | Vertical | Vertical | Pass    |
| 696.826         | -51.62       | -2.04       | -13.0          | -38.62          | 149.00    | Vertical | Vertical | N/A     |
| 1406.200        | -43.58       | -1.22       | -13.0          | -30.58          | 36.00     | Vertical | Vertical | Pass    |
| 2109.200        | -41.87       | 1.88        | -13.0          | -28.87          | 216.00    | Vertical | Vertical | Pass    |
| 2812.400        | -43.12       | 4.53        | -13.0          | -30.12          | 201.00    | Vertical | Vertical | Pass    |
| 4218.400        | -43.73       | 6.52        | -13.0          | -30.73          | 161.00    | Vertical | Vertical | Pass    |

## 12 LTE Band 13

### 12.1 LTE Band 13 BW5, Middle Channel

RSE-H&V LTE Band 13 BW5 CH23230

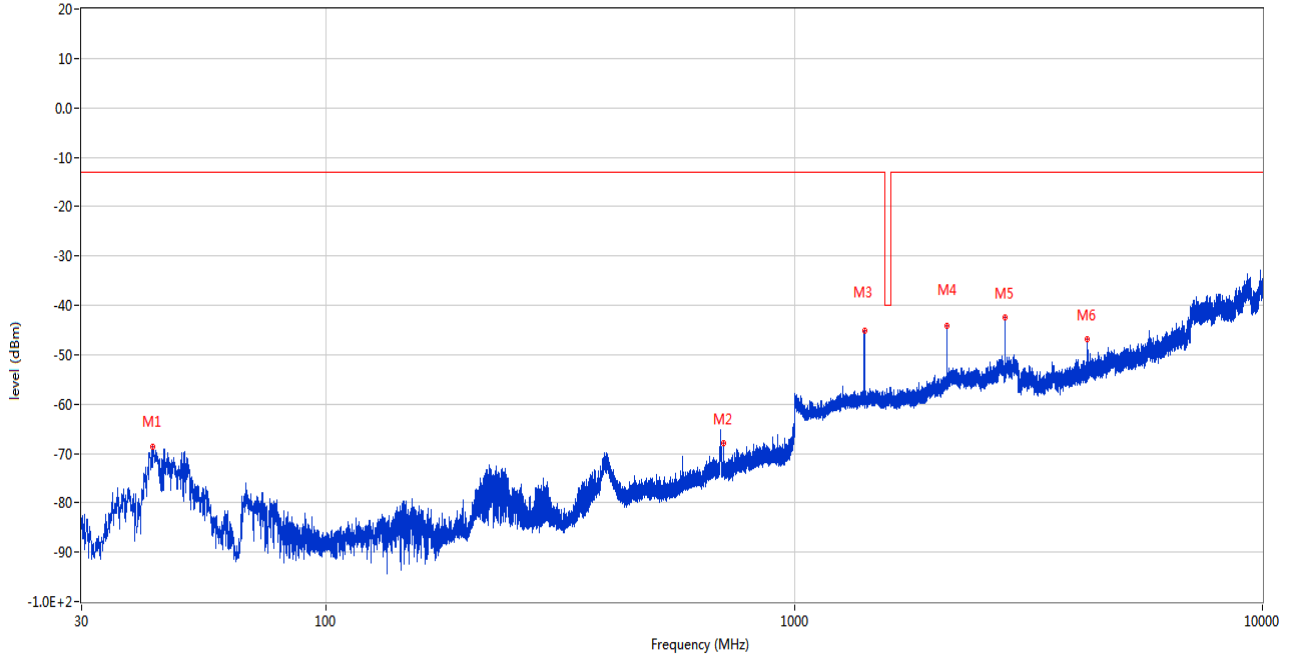
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_LTE B13



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 48.964          | -77.42       | -15.95      | -13.0          | -64.42          | 178.00    | Horizontal | Vertical | Pass    |
| 705.411         | -66.46       | -2.26       | -13.0          | -53.46          | 131.00    | Horizontal | Vertical | N/A     |
| 1410.600        | -42.87       | -1.62       | -13.0          | -29.87          | 169.00    | Horizontal | Vertical | Pass    |
| 2115.900        | -42.06       | 1.54        | -13.0          | -29.06          | 246.00    | Horizontal | Vertical | Pass    |
| 2821.100        | -46.65       | 4.93        | -13.0          | -33.65          | 152.00    | Horizontal | Vertical | Pass    |
| 4232.000        | -46.56       | 6.47        | -13.0          | -33.56          | 283.00    | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 13 BW5 CH23230

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_LTE B13

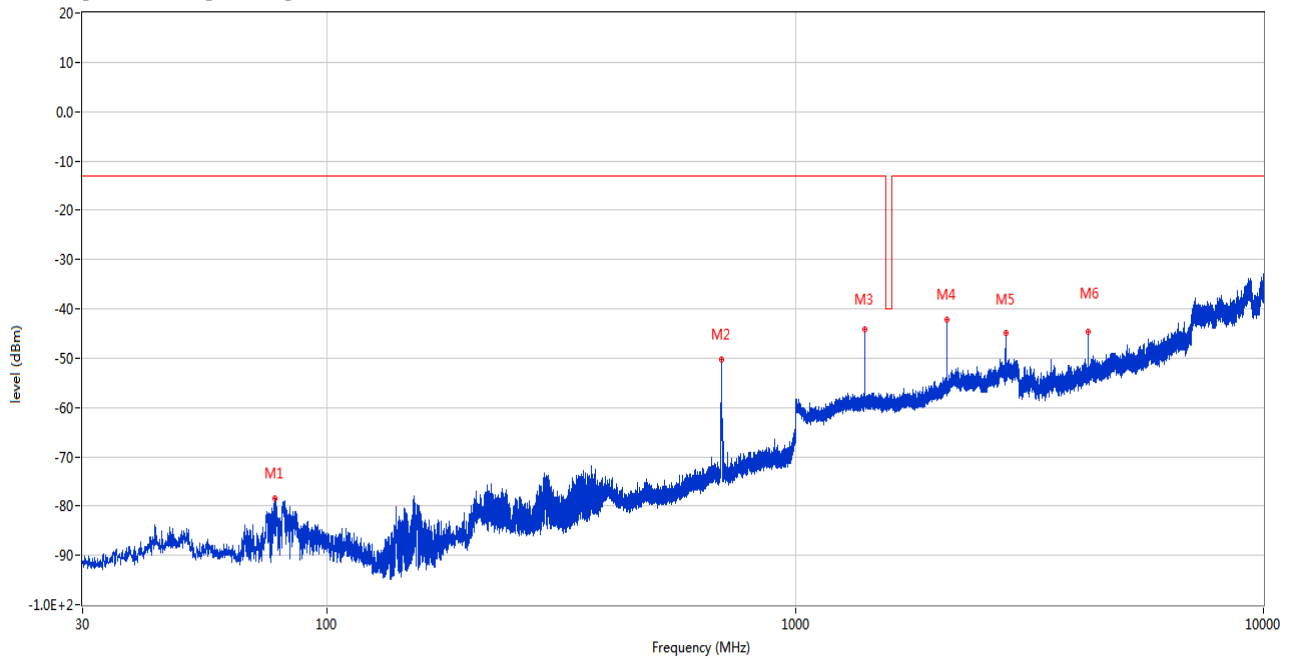


| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 42.562          | -68.59       | -16.56      | -13.0          | -55.59          | 270.00    | Vertical | Vertical | Pass    |
| 705.411         | -67.98       | -2.26       | -13.0          | -54.98          | 207.00    | Vertical | Vertical | N/A     |
| 1410.700        | -45.05       | -1.62       | -13.0          | -32.05          | 93.00     | Vertical | Vertical | Pass    |
| 2115.900        | -44.27       | 1.54        | -13.0          | -31.27          | 188.00    | Vertical | Vertical | Pass    |
| 2821.300        | -42.48       | 5.00        | -13.0          | -29.48          | 220.00    | Vertical | Vertical | Pass    |
| 4231.600        | -46.81       | 6.54        | -13.0          | -33.81          | 315.00    | Vertical | Vertical | Pass    |

## 12.2 LTE Band 13 BW10, Middle Channel

RSE-H&V LTE Band 13 BW10 CH23230

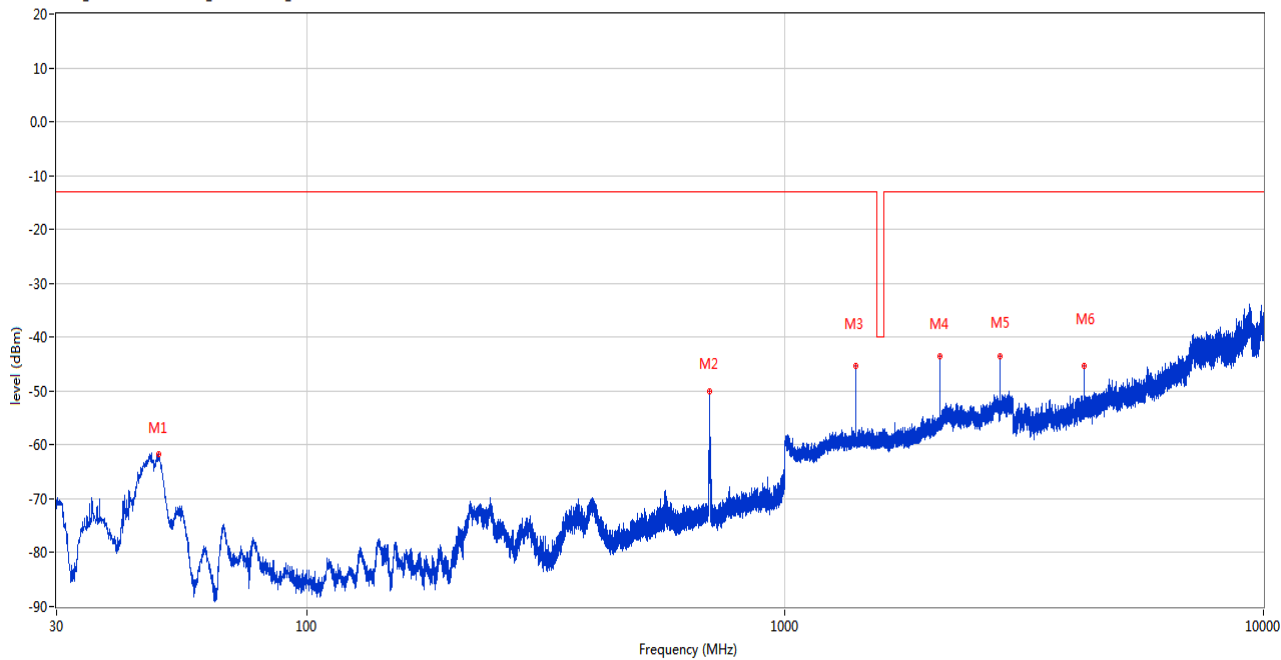
RSE Test case\_FCC PART22&24&27\_FCC PART 27\_LTE B13



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|----------|---------|
| 77.433          | -78.39       | -20.09      | -13.0          | -65.39          | 360.00    | Horizontal | Vertical | Pass    |
| 696.778         | -50.22       | -2.04       | -13.0          | -37.22          | 141.00    | Horizontal | Vertical | N/A     |
| 1406.100        | -44.10       | -1.22       | -13.0          | -31.10          | 139.00    | Horizontal | Vertical | Pass    |
| 2109.200        | -42.30       | 1.88        | -13.0          | -29.30          | 60.00     | Horizontal | Vertical | Pass    |
| 2812.200        | -44.92       | 4.54        | -13.0          | -31.92          | 139.00    | Horizontal | Vertical | Pass    |
| 4218.400        | -44.76       | 6.52        | -13.0          | -31.76          | 78.00     | Horizontal | Vertical | Pass    |

## RSE-V&V LTE Band 13 BW10 CH23230

RSE Test case\_FCC PART22&24&27\_FCC PART 27\_LTE B13



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 48.964          | -61.72       | -15.95      | -13.0          | -48.72          | 214.00    | Vertical | Vertical | Pass    |
| 696.729         | -50.15       | -2.04       | -13.0          | -37.15          | 199.00    | Vertical | Vertical | N/A     |
| 1406.200        | -45.39       | -1.22       | -13.0          | -32.39          | 171.00    | Vertical | Vertical | Pass    |
| 2109.200        | -43.51       | 1.88        | -13.0          | -30.51          | 251.00    | Vertical | Vertical | Pass    |
| 2812.400        | -43.64       | 4.53        | -13.0          | -30.64          | 187.00    | Vertical | Vertical | Pass    |
| 4218.000        | -45.28       | 6.56        | -13.0          | -32.28          | 155.00    | Vertical | Vertical | Pass    |