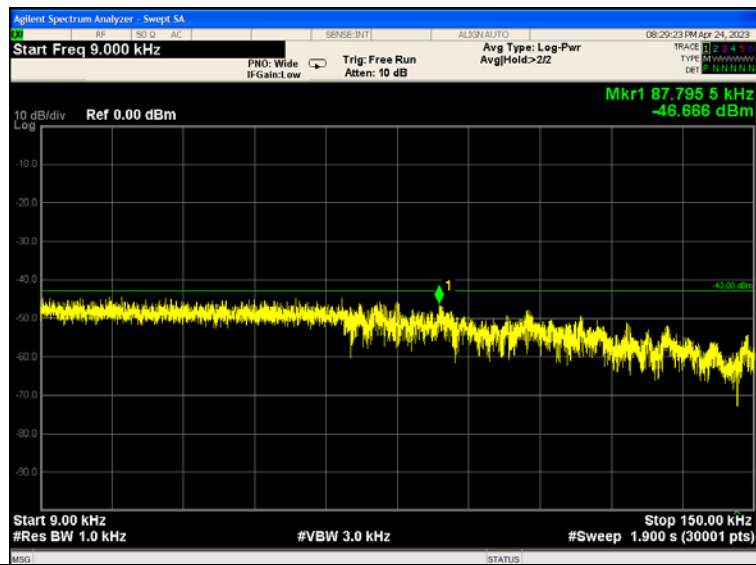
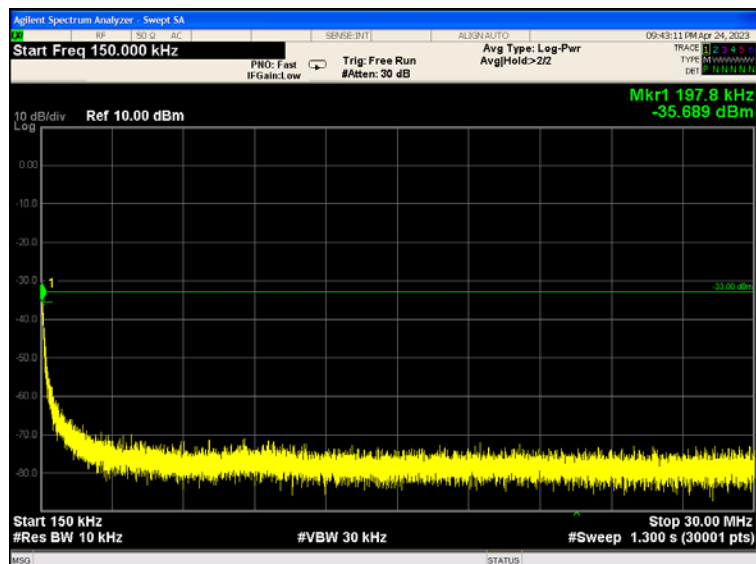


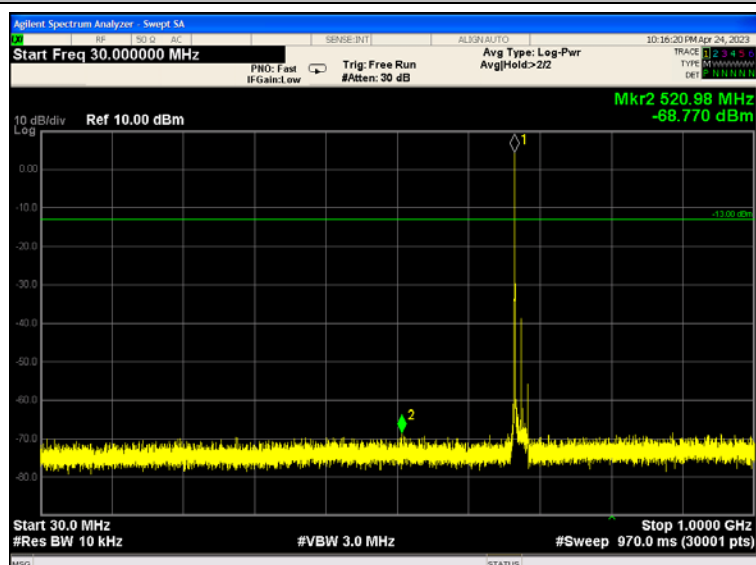
# Band71\_20MHz\_16QAM\_133322\_1RB#50



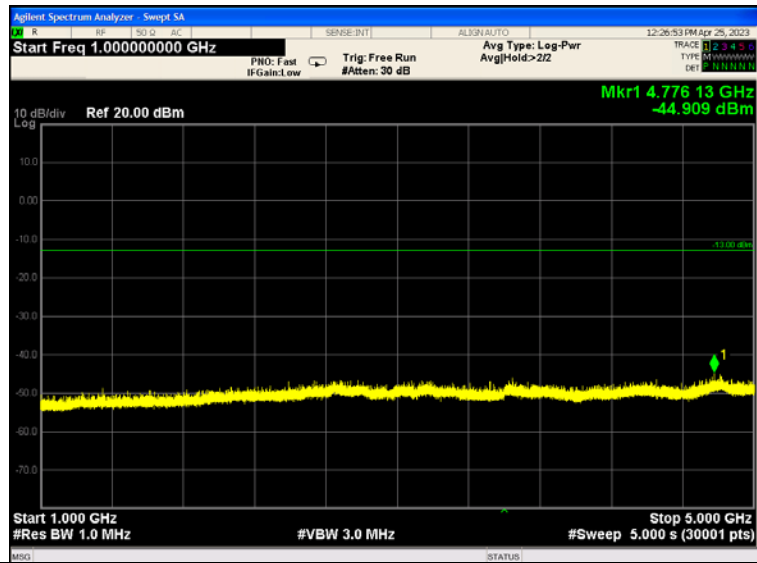
# Band71\_20MHz\_16QAM\_133322\_1RB#50



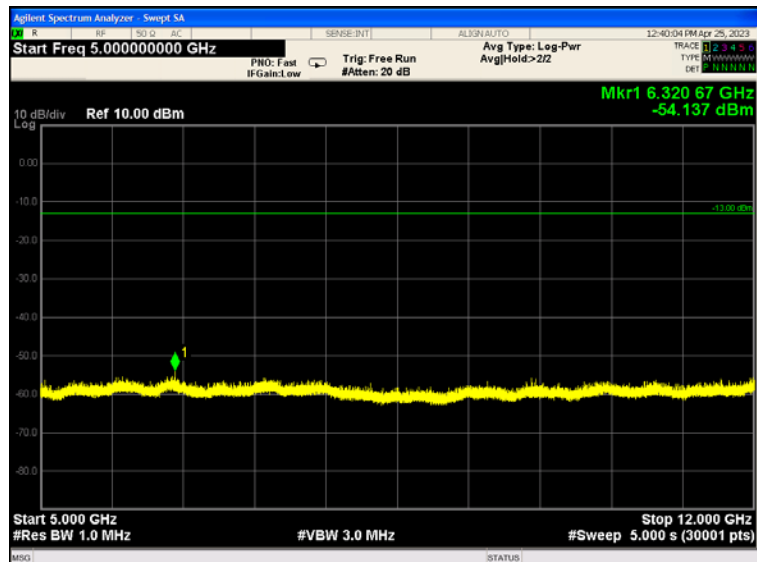
# Band71\_20MHz\_16QAM\_133322\_1RB#50



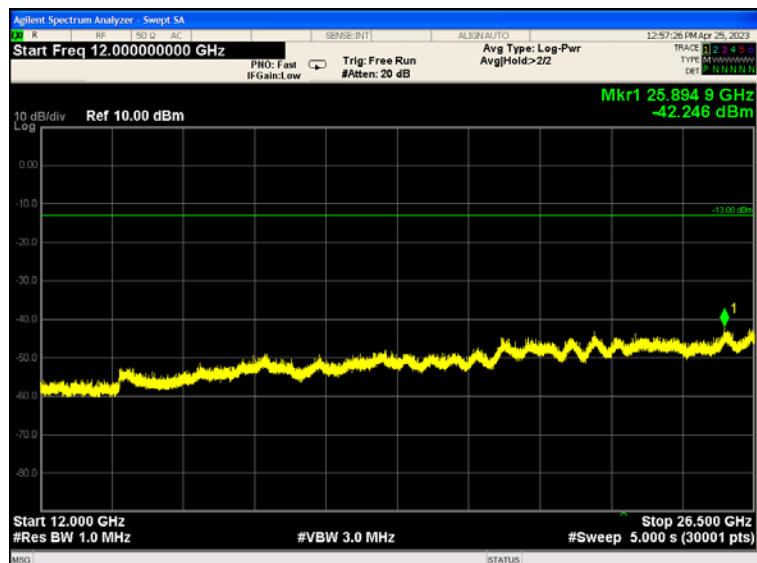
# Band71\_20MHz\_16QAM\_133322\_1RB#50



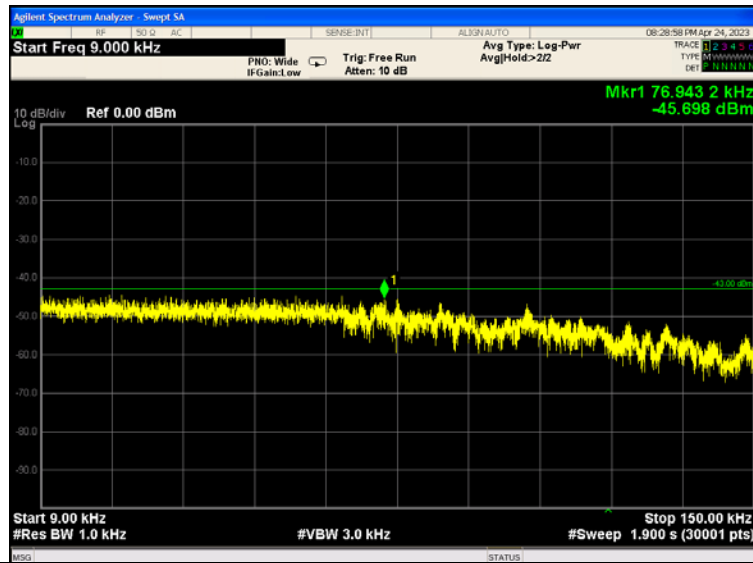
# Band71\_20MHz\_16QAM\_133322\_1RB#50



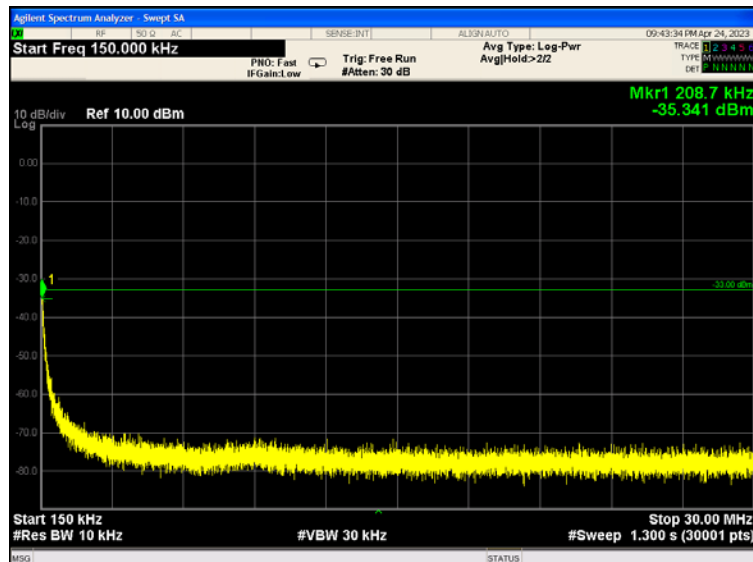
# Band71\_20MHz\_16QAM\_133322\_1RB#50



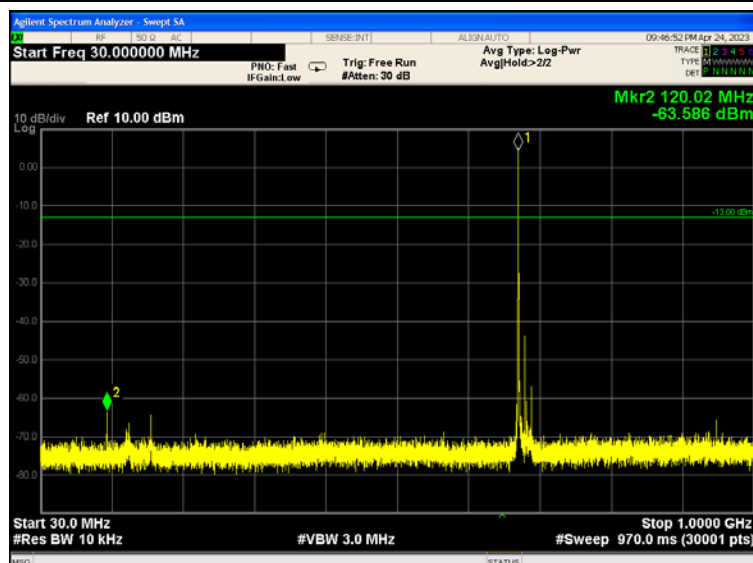
# Band71\_20MHz\_16QAM\_133372\_1RB#50



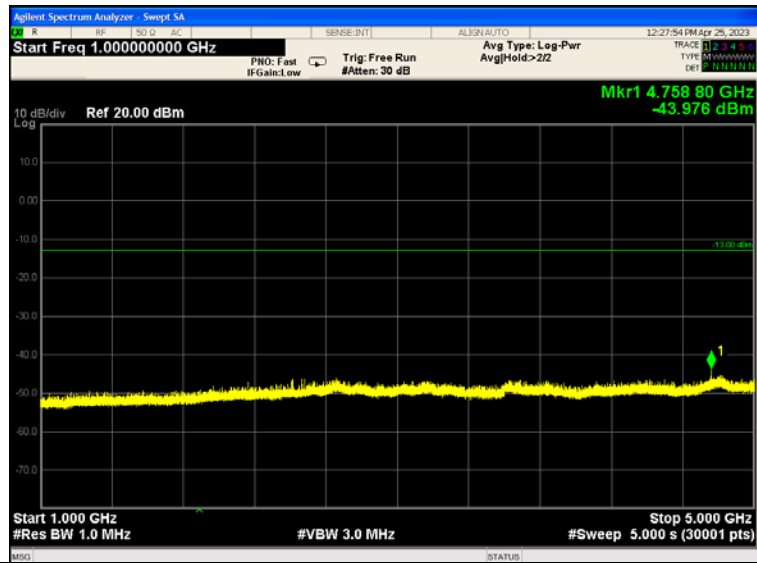
# Band71\_20MHz\_16QAM\_133372\_1RB#50



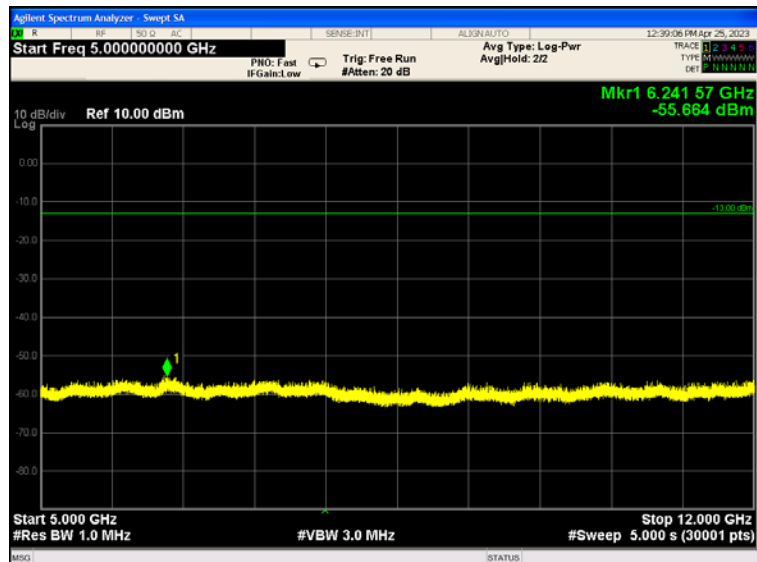
# Band71\_20MHz\_16QAM\_133372\_1RB#50



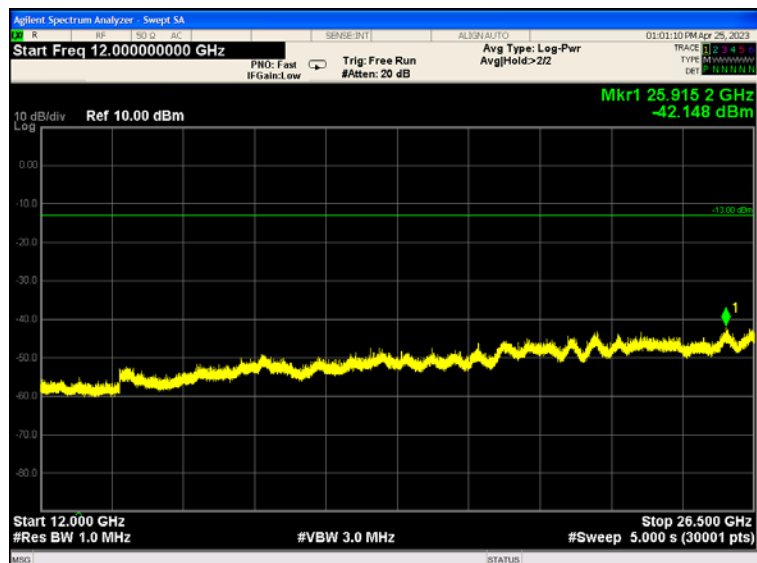
# Band71\_20MHz\_16QAM\_133372\_1RB#50



# Band71\_20MHz\_16QAM\_133372\_1RB#50



# Band71\_20MHz\_16QAM\_133372\_1RB#50



## Appendix F: Frequency Stability

### Test Result

#### LTE B71 QPSK 10MHz:

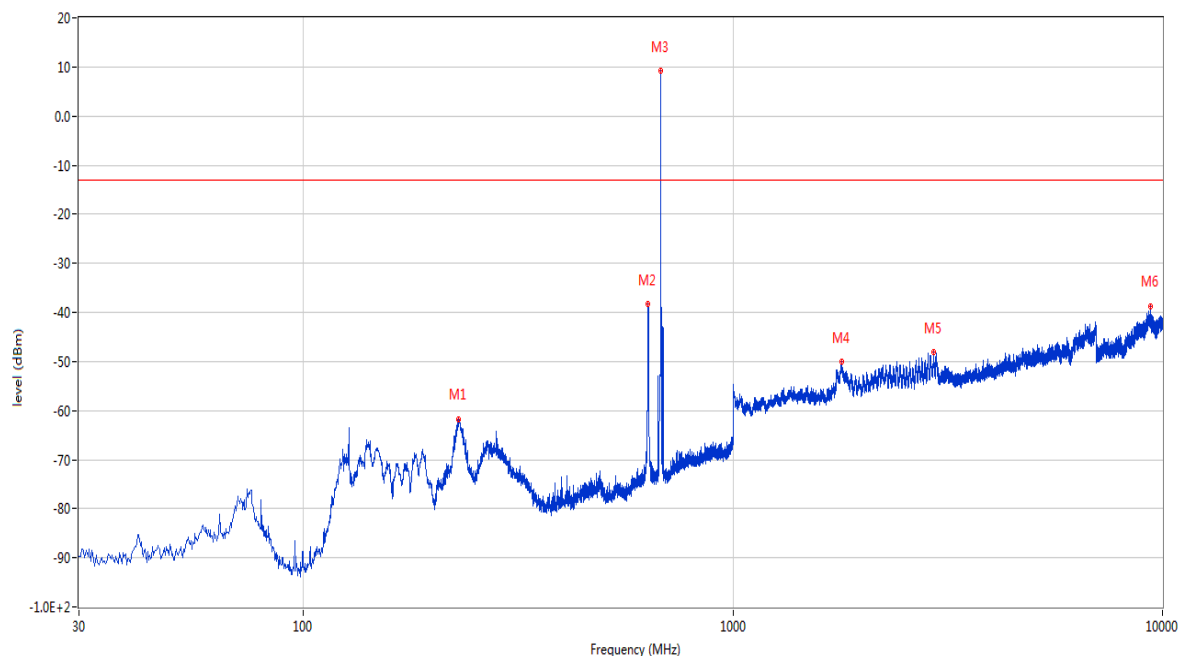
| Power (VDC) | Temperature (°C) | Value(Hz) |
|-------------|------------------|-----------|
|             |                  | MCH       |
| 3.8         | -30              | -0.2      |
|             | -20              | -0.62     |
|             | -10              | -0.31     |
|             | 0                | -0.92     |
|             | 10               | -1.13     |
|             | 20               | -0.46     |
|             | 25               | -0.97     |
|             | 30               | -0.53     |
|             | 40               | -0.64     |
|             | 50               | -0.7      |
|             | 55               | -0.99     |
| 4.2         | 25               | -0.51     |
| 3.6         | 25               | 0.07      |

## LTE B71 16QAM 10MHz:

| Power (VDC) | Temperature (°C) | Value(Hz) |
|-------------|------------------|-----------|
|             |                  | MCH       |
| 3.8         | -30              | -1.39     |
|             | -20              | -0.74     |
|             | -10              | -1.7      |
|             | 0                | -0.74     |
|             | 10               | -1.53     |
|             | 20               | -1.43     |
|             | 25               | -1.49     |
|             | 30               | -0.21     |
|             | 40               | -1.36     |
|             | 50               | -0.29     |
|             | 55               | -0.99     |
| 4.2         | 25               | -2.03     |
| 3.6         | 25               | -2.05     |

## Appendix G: Radiated Power Measurement

Work Mode: LTE B71 CH133297 BW5 Remark: N.A



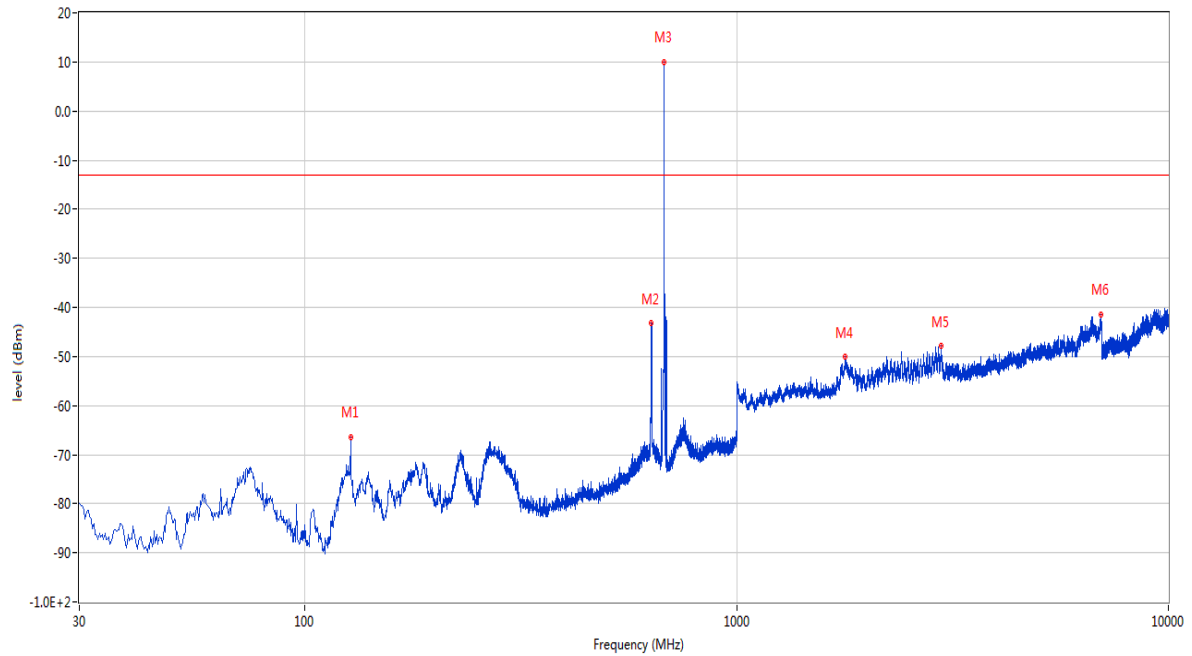
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|------------|---------|
| 230.062         | -61.71       | -16.21      | -13.0          | -48.71          | 236.00    | Horizontal | Horizontal | Pass    |
| 634.310         | -38.31       | -2.76       | -13.0          | -25.31          | 213.00    | Horizontal | Horizontal | N/A     |
| 678.445         | 9.12         | -3.16       | -13.0          | 22.12           | 239.00    | Horizontal | Horizontal | N/A     |
| 1789.500        | -50.07       | 3.26        | -13.0          | -37.07          | 308.00    | Horizontal | Horizontal | Pass    |
| 2932.500        | -48.14       | 6.33        | -13.0          | -35.14          | 360.00    | Horizontal | Horizontal | Pass    |
| 9376.750        | -38.85       | 17.27       | -13.0          | -25.85          | 28.00     | Horizontal | Horizontal | Pass    |

Work Mode:

LTE B71 CH133297 BW5

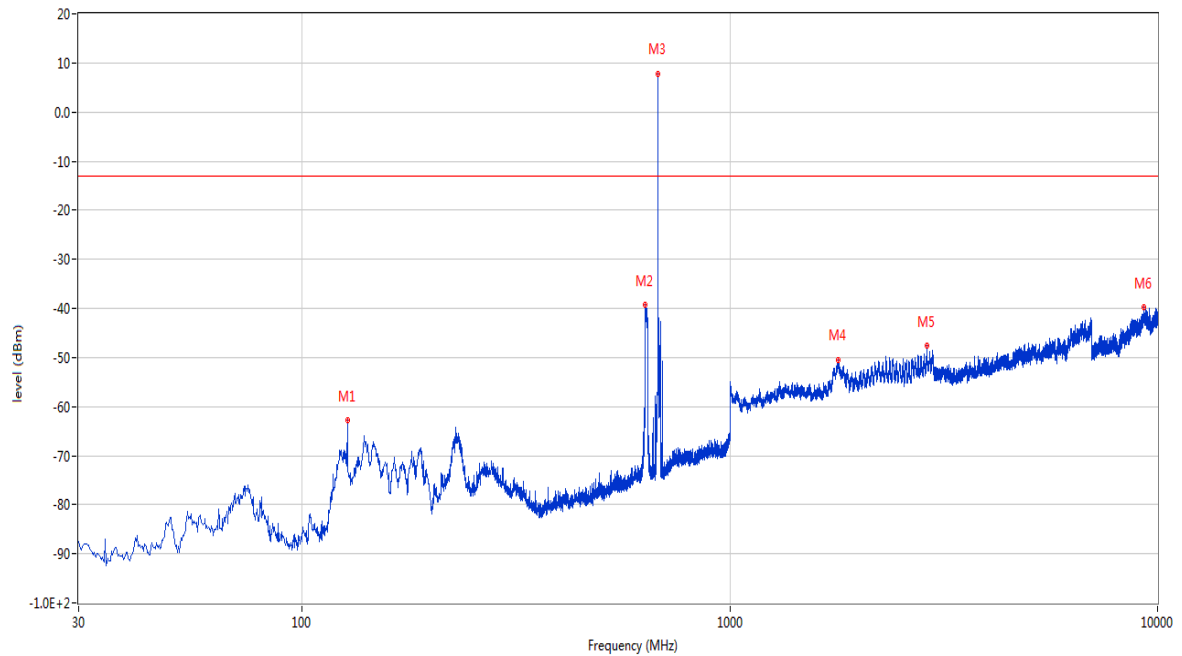
Remark:

N.A



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 127.485         | -66.37       | -19.44      | -13.0          | -53.37          | 213.00    | Vertical | Vertical | Pass    |
| 633.340         | -43.27       | -2.79       | -13.0          | -30.27          | 141.00    | Vertical | Vertical | N/A     |
| 678.445         | 10.07        | -3.16       | -13.0          | 23.07           | 285.00    | Vertical | Vertical | N/A     |
| 1779.000        | -49.97       | 3.45        | -13.0          | -36.97          | 32.00     | Vertical | Vertical | Pass    |
| 2972.500        | -47.94       | 5.76        | -13.0          | -34.94          | 271.00    | Vertical | Vertical | Pass    |
| 6978.000        | -41.48       | 14.04       | -13.0          | -28.48          | 86.00     | Vertical | Vertical | Pass    |

Work Mode: LTE B71 CH133297 BW10 Remark: N.A



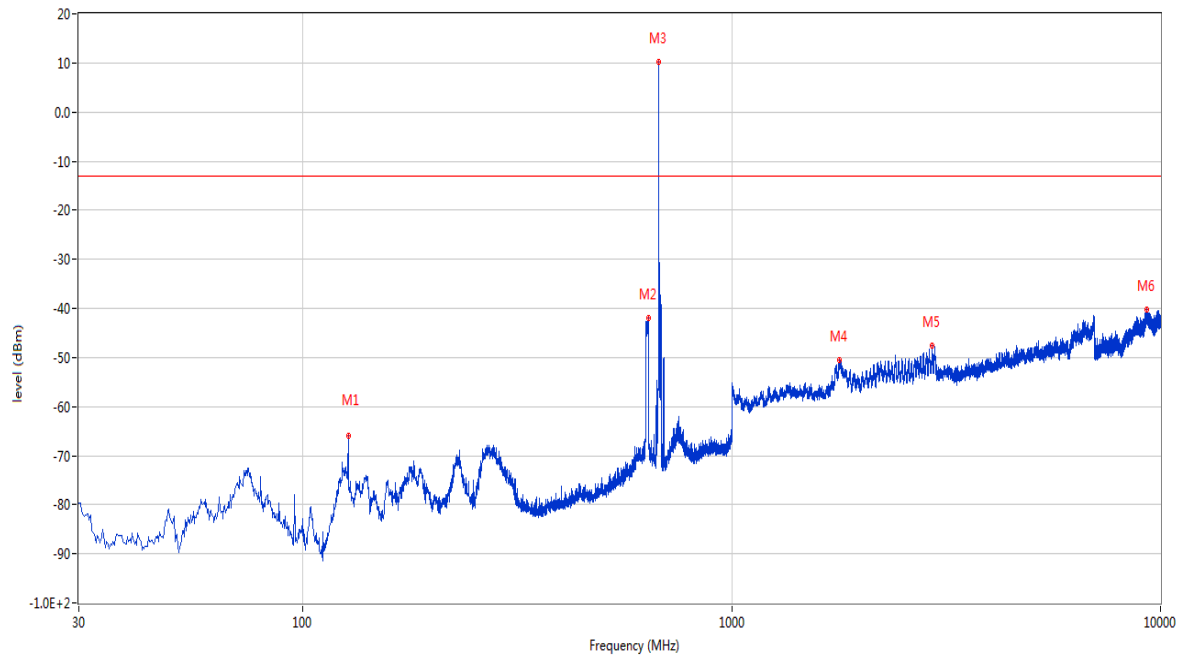
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|------------|---------|
| 127.485         | -62.86       | -19.44      | -13.0          | -49.86          | 291.00    | Horizontal | Horizontal | Pass    |
| 633.825         | -39.28       | -2.78       | -13.0          | -26.28          | 233.00    | Horizontal | Horizontal | N/A     |
| 678.687         | 7.81         | -3.14       | -13.0          | 20.81           | 19.00     | Horizontal | Horizontal | N/A     |
| 1794.000        | -50.49       | 2.78        | -13.0          | -37.49          | 221.00    | Horizontal | Horizontal | Pass    |
| 2883.000        | -47.59       | 5.48        | -13.0          | -34.59          | 83.00     | Horizontal | Horizontal | Pass    |
| 9298.000        | -39.80       | 17.66       | -13.0          | -26.80          | 113.00    | Horizontal | Horizontal | Pass    |

Work Mode:

LTE B71 CH133297 BW10

Remark:

N.A



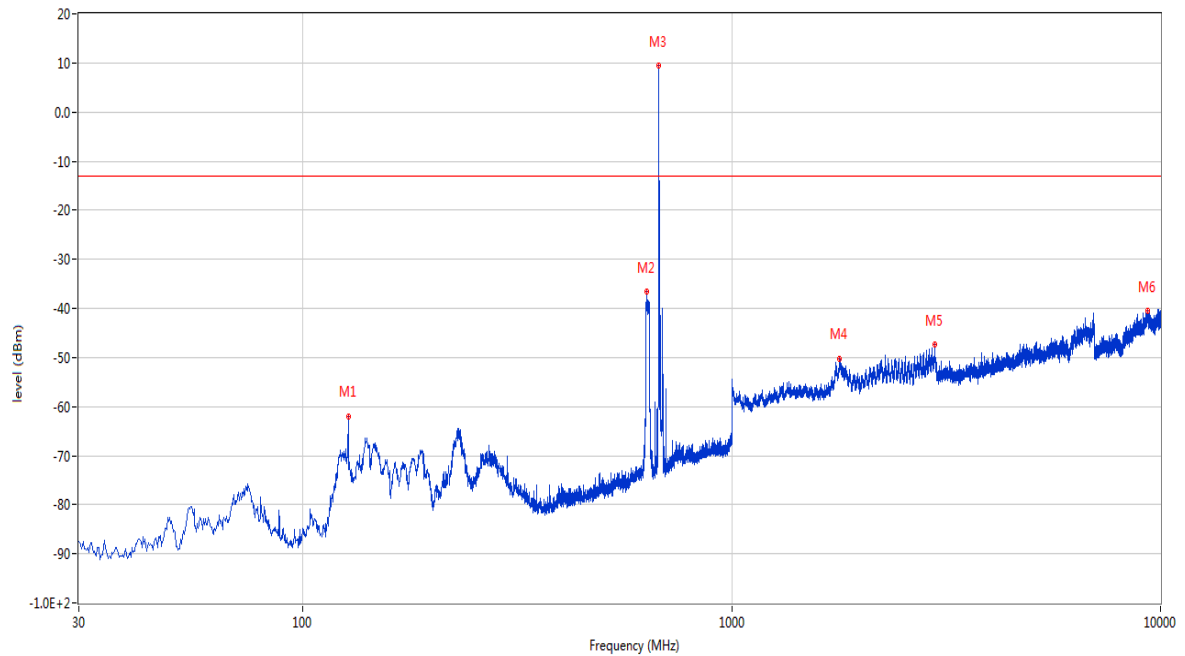
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 127.485         | -65.92       | -19.44      | -13.0          | -52.92          | 205.00    | Vertical | Vertical | Pass    |
| 638.190         | -42.08       | -2.64       | -13.0          | -29.08          | 192.00    | Vertical | Vertical | N/A     |
| 676.020         | 10.16        | -3.12       | -13.0          | 23.16           | 125.00    | Vertical | Vertical | N/A     |
| 1782.000        | -50.54       | 3.62        | -13.0          | -37.54          | 97.00     | Vertical | Vertical | Pass    |
| 2930.000        | -47.67       | 6.10        | -13.0          | -34.67          | 233.00    | Vertical | Vertical | Pass    |
| 9269.500        | -40.21       | 17.19       | -13.0          | -27.21          | 233.00    | Vertical | Vertical | Pass    |

Work Mode:

LTE B71 CH133297 BW15

Remark:

N.A



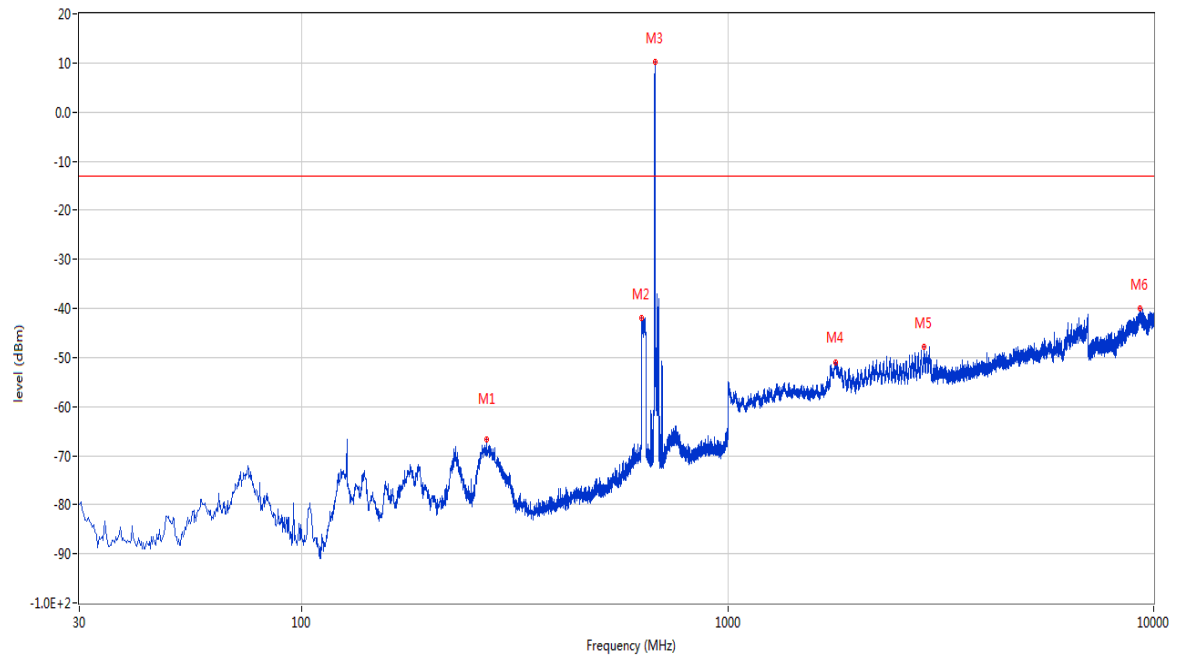
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|------------|---------|
| 127.485         | -61.96       | -19.44      | -13.0          | -48.96          | 280.00    | Horizontal | Horizontal | Pass    |
| 632.855         | -36.62       | -2.79       | -13.0          | -23.62          | 214.00    | Horizontal | Horizontal | N/A     |
| 676.263         | 9.41         | -3.12       | -13.0          | 22.41           | 186.00    | Horizontal | Horizontal | N/A     |
| 1783.000        | -50.21       | 3.58        | -13.0          | -37.21          | 246.00    | Horizontal | Horizontal | Pass    |
| 2978.000        | -47.41       | 5.74        | -13.0          | -34.41          | 133.00    | Horizontal | Horizontal | Pass    |
| 9327.250        | -40.48       | 17.49       | -13.0          | -27.48          | 341.00    | Horizontal | Horizontal | Pass    |

Work Mode:

LTE B71 CH133297 BW15

Remark:

N.A



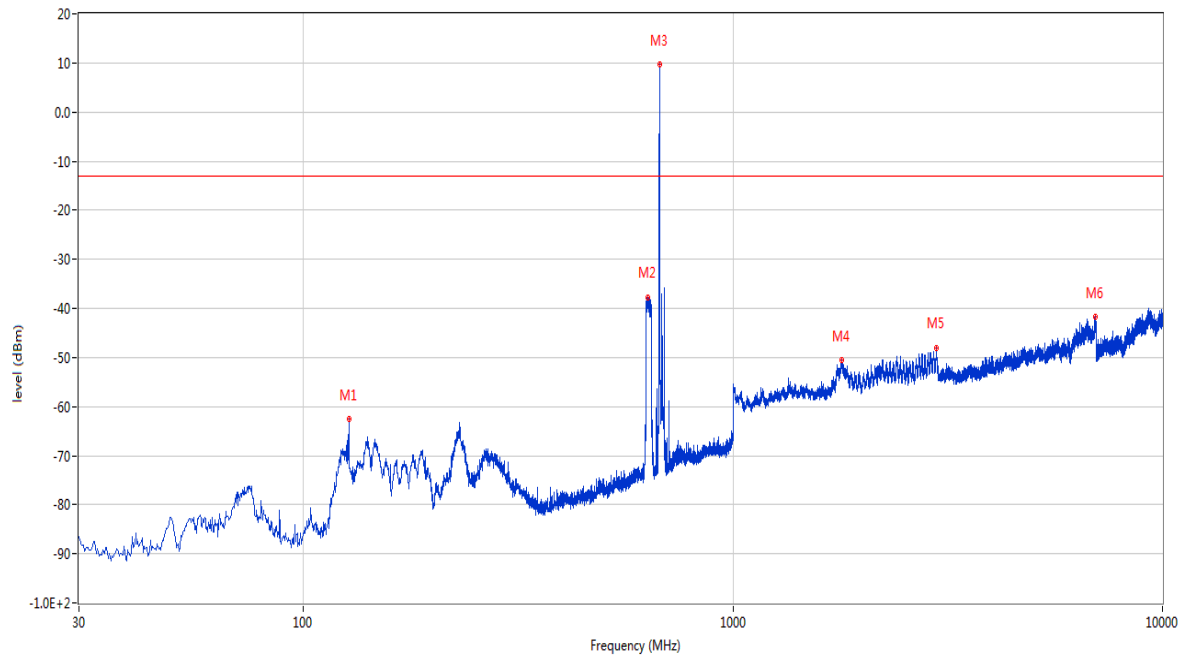
| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 271.288         | -66.58       | -13.11      | -13.0          | -53.58          | 352.00    | Vertical | Vertical | Pass    |
| 628.247         | -42.03       | -2.69       | -13.0          | -29.03          | 143.00    | Vertical | Vertical | N/A     |
| 673.838         | 10.16        | -3.15       | -13.0          | 23.16           | 297.00    | Vertical | Vertical | N/A     |
| 1789.000        | -51.01       | 3.32        | -13.0          | -38.01          | 7.00      | Vertical | Vertical | Pass    |
| 2887.500        | -47.77       | 5.40        | -13.0          | -34.77          | 224.00    | Vertical | Vertical | Pass    |
| 9283.000        | -40.04       | 17.32       | -13.0          | -27.04          | 358.00    | Vertical | Vertical | Pass    |

Work Mode:

LTE B71 CH133322 BW20

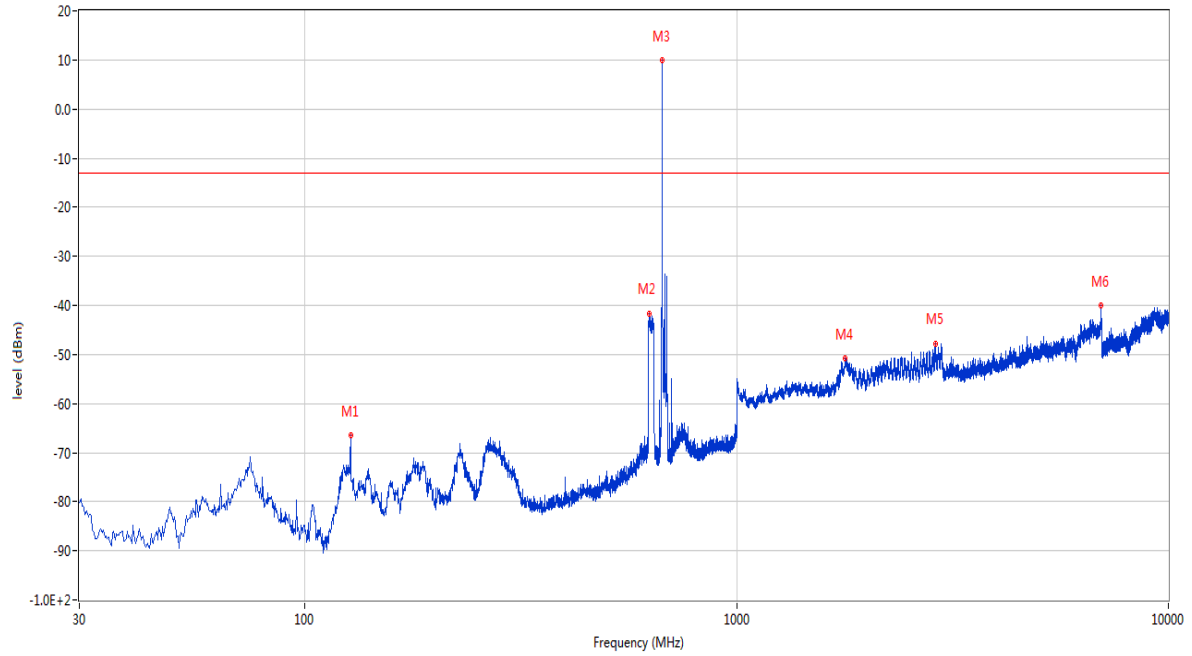
Remark:

N.A



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|------------|------------|---------|
| 127.485         | -62.53       | -19.44      | -13.0          | -49.53          | 264.00    | Horizontal | Horizontal | Pass    |
| 634.310         | -37.73       | -2.76       | -13.0          | -24.73          | 219.00    | Horizontal | Horizontal | N/A     |
| 674.080         | 9.73         | -3.15       | -13.0          | 22.73           | 188.00    | Horizontal | Horizontal | N/A     |
| 1788.000        | -50.57       | 3.47        | -13.0          | -37.57          | 97.00     | Horizontal | Horizontal | Pass    |
| 2971.500        | -47.97       | 5.79        | -13.0          | -34.97          | 274.00    | Horizontal | Horizontal | Pass    |
| 6996.000        | -41.77       | 13.35       | -13.0          | -28.77          | 189.00    | Horizontal | Horizontal | Pass    |

Work Mode: LTE B71 CH133322 BW20 Remark: N.A



| Frequency (MHz) | Result (dBm) | Factor (dB) | PK Limit (dBm) | Over Limit (dB) | Table (o) | ANT      | EUT      | Verdict |
|-----------------|--------------|-------------|----------------|-----------------|-----------|----------|----------|---------|
| 127.485         | -66.47       | -19.44      | -13.0          | -53.47          | 212.00    | Vertical | Vertical | Pass    |
| 635.278         | -41.73       | -2.70       | -13.0          | -28.73          | 145.00    | Vertical | Vertical | N/A     |
| 674.655         | 9.94         | -3.06       | -13.0          | 22.94           | 120.00    | Vertical | Vertical | N/A     |
| 1786.500        | -50.84       | 3.60        | -13.0          | -37.84          | 165.00    | Vertical | Vertical | Pass    |
| 2885.500        | -47.77       | 5.43        | -13.0          | -34.77          | 98.00     | Vertical | Vertical | Pass    |
| 6985.000        | -39.88       | 14.23       | -13.0          | -26.88          | 124.00    | Vertical | Vertical | Pass    |