

## Field Strength of Spurious Radiation

### LTE Mode Test Verdict

| Test Band | Test Bandwidth | UL Channel | UL RB Number | UL RB Position | UL Modulation | Verdict |
|-----------|----------------|------------|--------------|----------------|---------------|---------|
| Band 48   | 10 MHz         | 55290      | 1            | 0              | QPSK          | Pass    |

### LTE CA Mode Test Verdict

| Test Band | Test Bandwidth | UL Channel  | UL RB Number | UL RB Position | UL Modulation | Verdict |
|-----------|----------------|-------------|--------------|----------------|---------------|---------|
| Band 48C  | 5 20 MHz       | 56253 56640 | 1 1          | HIGH LOW       | QPSK          | Pass    |

### NR Mode Test Verdict

| Test Band | UL Channel | NR Test Bandwidth (MHz) | SCS(kHz) | UL OFDM    | NR UL RB No. | NR UL RB Pos. | UL Modulation | Verdict |
|-----------|------------|-------------------------|----------|------------|--------------|---------------|---------------|---------|
| n48       | 637000     | 10 MHz                  | 30 kHz   | DFT-s-OFDM | 1            | 1             | 16QAM         | Pass    |

### ENDC Mode Test Verdict

| EN-DC Configuration |                 | DC_2A_n48A | DC_5A_n48A |
|---------------------|-----------------|------------|------------|
| NR Cell             | Band            | n48        | n48        |
|                     | SCS (kHz)       | 30         | 30         |
|                     | Bandwidth (MHz) | 10         | 10         |
|                     | DL Channel      | 641666     | 641666     |
|                     | Modulation      | QPSK       | 16QAM      |
| E-UTRA Cell         | Band            | Band2      | Band5      |
|                     | Bandwidth (MHz) | 5          | 5          |
|                     | DL Channel      | 900        | 2525       |
|                     | Modulation      | QPSK       | QPSK       |
| Verdict             |                 | Pass       | Pass       |

| EN-DC Configuration |                 | DC_13A_n48A | DC_48A_n2A |
|---------------------|-----------------|-------------|------------|
| NR Cell             | Band            | n48         | n2         |
|                     | SCS (kHz)       | 30          | 15         |
|                     | Bandwidth (MHz) | 40          | 5          |
|                     | DL Channel      | 641666      | 392000     |
|                     | Modulation      | 16QAM       | 16QAM      |
| E-UTRA Cell         | Band            | Band13      | Band48     |
|                     | Bandwidth (MHz) | 10          | 5          |
|                     | DL Channel      | 5230        | 55990      |
|                     | Modulation      | QPSK        | QPSK       |
| Verdict             |                 | Pass        | Pass       |

| EN-DC Configuration |                 | DC_48A_n5A | DC_48A_n12A |
|---------------------|-----------------|------------|-------------|
| NR Cell             | Band            | n5         | n12         |
|                     | SCS (kHz)       | 15         | 15          |
|                     | Bandwidth (MHz) | 5          | 5           |
|                     | DL Channel      | 176300     | 147500      |
|                     | Modulation      | 16QAM      | 16QAM       |
| E-UTRA Cell         | Band            | Band48     | Band48      |
|                     | Bandwidth (MHz) | 5          | 5           |
|                     | DL Channel      | 55990      | 55990       |
|                     | Modulation      | QPSK       | QPSK        |
| Verdict             |                 | Pass       | Pass        |

| EN-DC Configuration |                 | DC_48A_n25A | DC_48A_n66A |
|---------------------|-----------------|-------------|-------------|
| NR Cell             | Band            | n25         | n66         |
|                     | SCS (kHz)       | 15          | 15          |
|                     | Bandwidth (MHz) | 5           | 5           |
|                     | DL Channel      | 392500      | 429000      |
|                     | Modulation      | 16QAM       | 16QAM       |
| E-UTRA Cell         | Band            | Band48      | Band48      |
|                     | Bandwidth (MHz) | 5           | 5           |
|                     | DL Channel      | 55990       | 55990       |
|                     | Modulation      | QPSK        | QPSK        |
| Verdict             |                 | Pass        | Pass        |

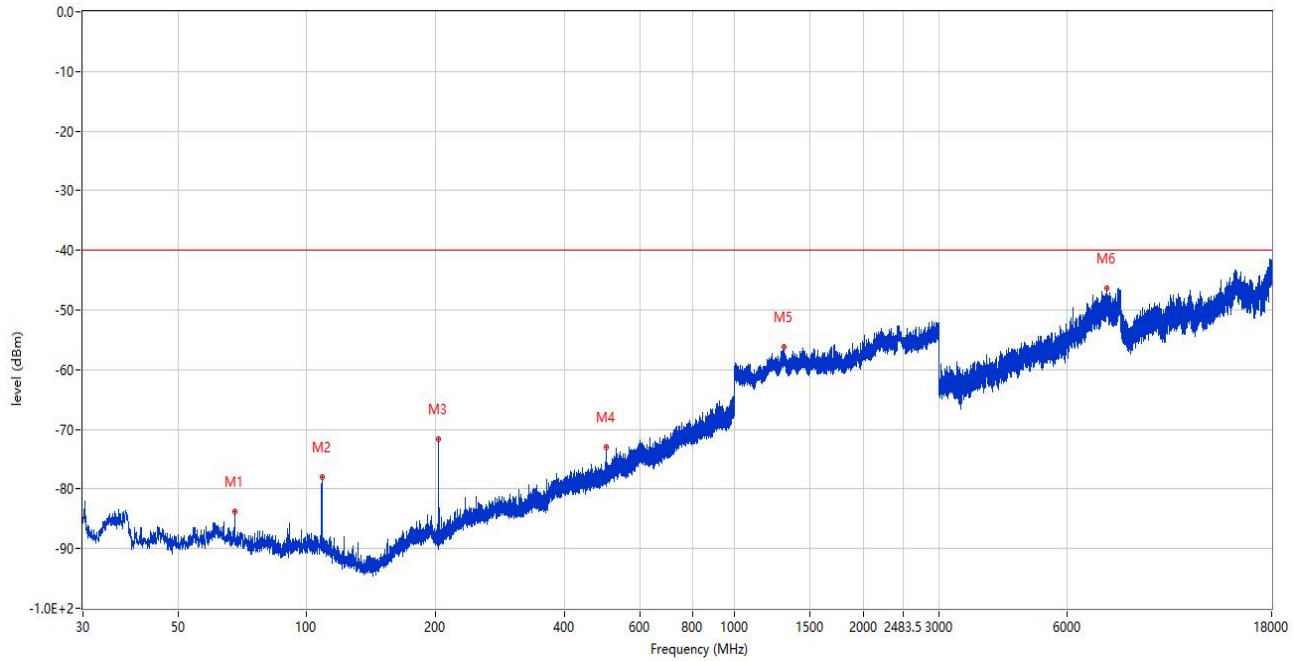
| EN-DC Configuration |                 | DC_48A_n71A | DC_66A_n48A |
|---------------------|-----------------|-------------|-------------|
| NR Cell             | Band            | n71         | n48         |
|                     | SCS (kHz)       | 15          | 30          |
|                     | Bandwidth (MHz) | 5           | 10          |
|                     | DL Channel      | 126900      | 641666      |
|                     | Modulation      | 256QAM      | 16QAM       |
| E-UTRA Cell         | Band            | Band48      | Band66      |
|                     | Bandwidth (MHz) | 5           | 5           |
|                     | DL Channel      | 55990       | 66886       |
|                     | Modulation      | QPSK        | QPSK        |
| Verdict             |                 | Pass        | Pass        |

UL MIMO Mode Test Verdict

| Test Band | UL Channel | NR Test Bandwidth (MHz) | SCS(kHz) | UL OFDM | NR UL RB No. | NR UL RB Pos. | UL Modulation | Verdict |
|-----------|------------|-------------------------|----------|---------|--------------|---------------|---------------|---------|
| n48       | 645332     | 40                      | 30       | CP_OFDM | 53           | 26            | QPSK          | Pass    |

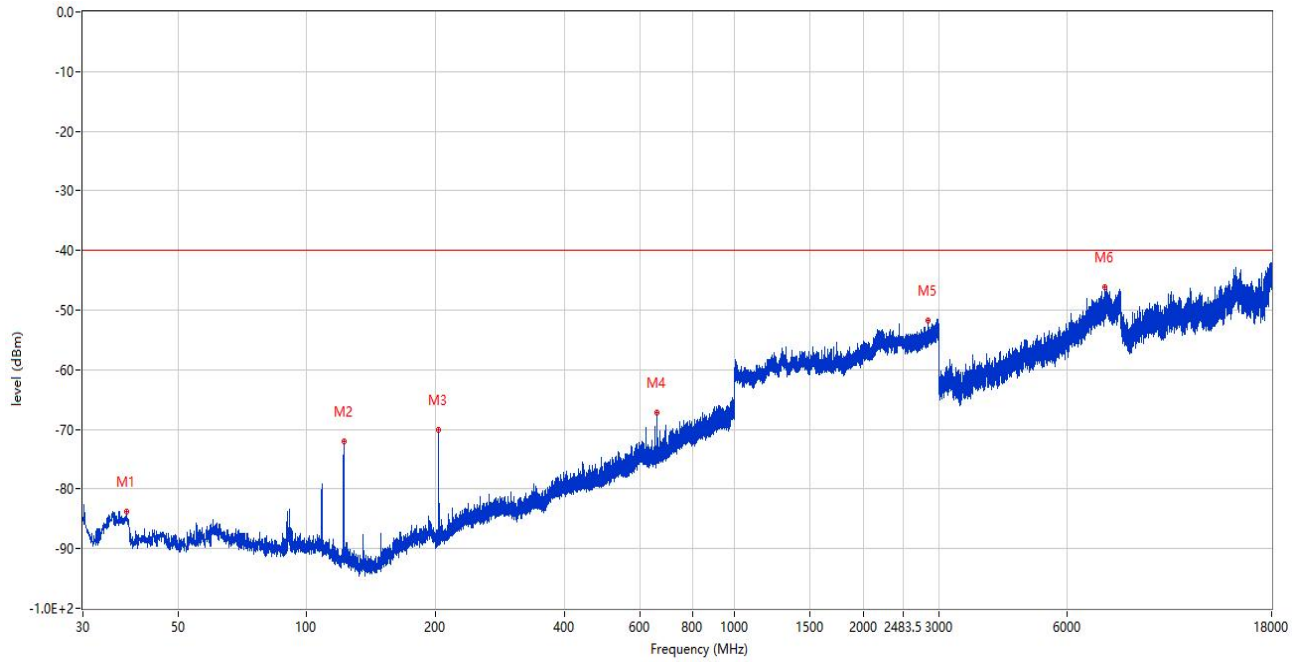
## 1.1 LTE Band 48

Band:LTE B48



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 67.830          | -83.79       | -17.59      | -40.0       | 43.79       | 137.00    | Vertical | Horizontal | Pass    |
| 108.473         | -77.98       | -18.94      | -40.0       | 37.98       | 319.00    | Vertical | Horizontal | Pass    |
| 203.388         | -71.57       | -18.18      | -40.0       | 31.57       | 226.00    | Vertical | Horizontal | Pass    |
| 501.711         | -73.00       | -7.84       | -40.0       | 33.00       | 48.00     | Vertical | Horizontal | Pass    |
| 1304.800        | -56.16       | -3.80       | -40.0       | 16.16       | 181.00    | Vertical | Horizontal | Pass    |
| 7410.000        | -46.42       | 19.11       | -40.0       | 6.42        | 218.00    | Vertical | Horizontal | Pass    |

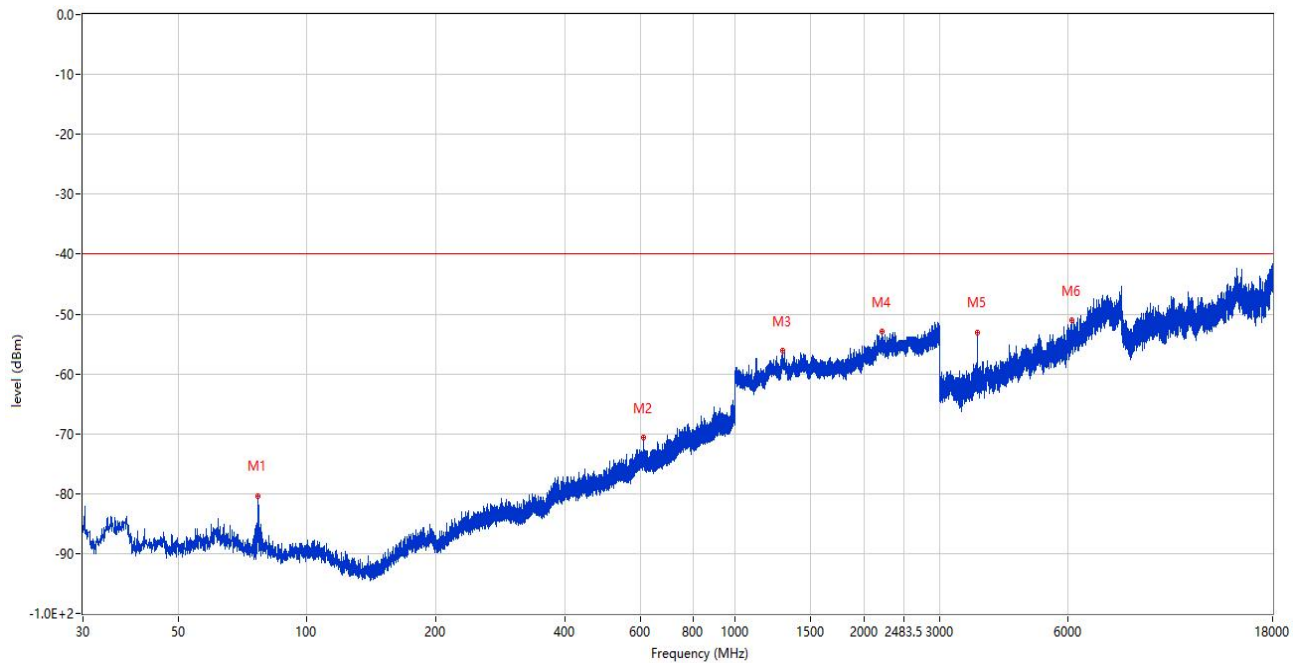
Band:LTE B48



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 37.906          | -83.86       | -13.88      | -40.0       | 43.86       | 26.00     | Horizontal | Horizontal | Pass    |
| 122.053         | -72.09       | -21.43      | -40.0       | 32.09       | 36.00     | Horizontal | Horizontal | Pass    |
| 203.436         | -70.12       | -18.17      | -40.0       | 30.12       | 342.00    | Horizontal | Horizontal | Pass    |
| 659.870         | -67.17       | -4.17       | -40.0       | 27.17       | 310.00    | Horizontal | Horizontal | Pass    |
| 2836.200        | -51.75       | 1.65        | -40.0       | 11.75       | 221.00    | Horizontal | Horizontal | Pass    |
| 7337.750        | -46.14       | 17.66       | -40.0       | 6.14        | 235.00    | Horizontal | Horizontal | Pass    |

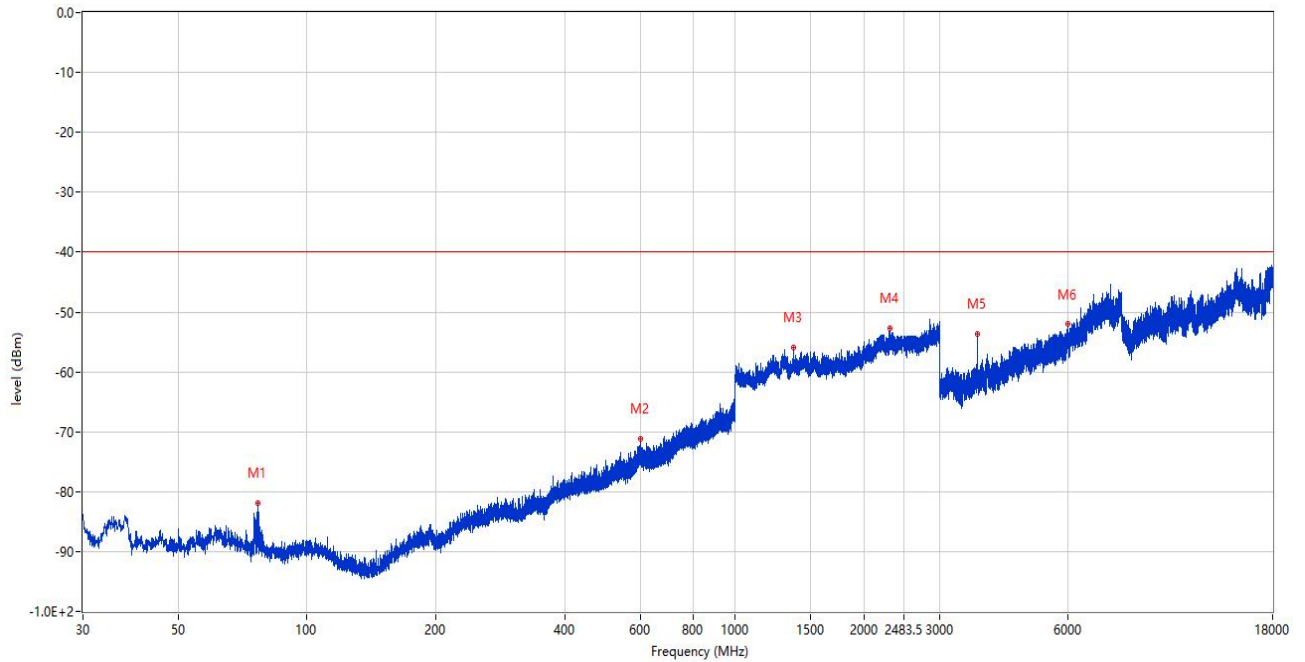
## 2.1 LTE CA 48C

Band:LTE CA 48C



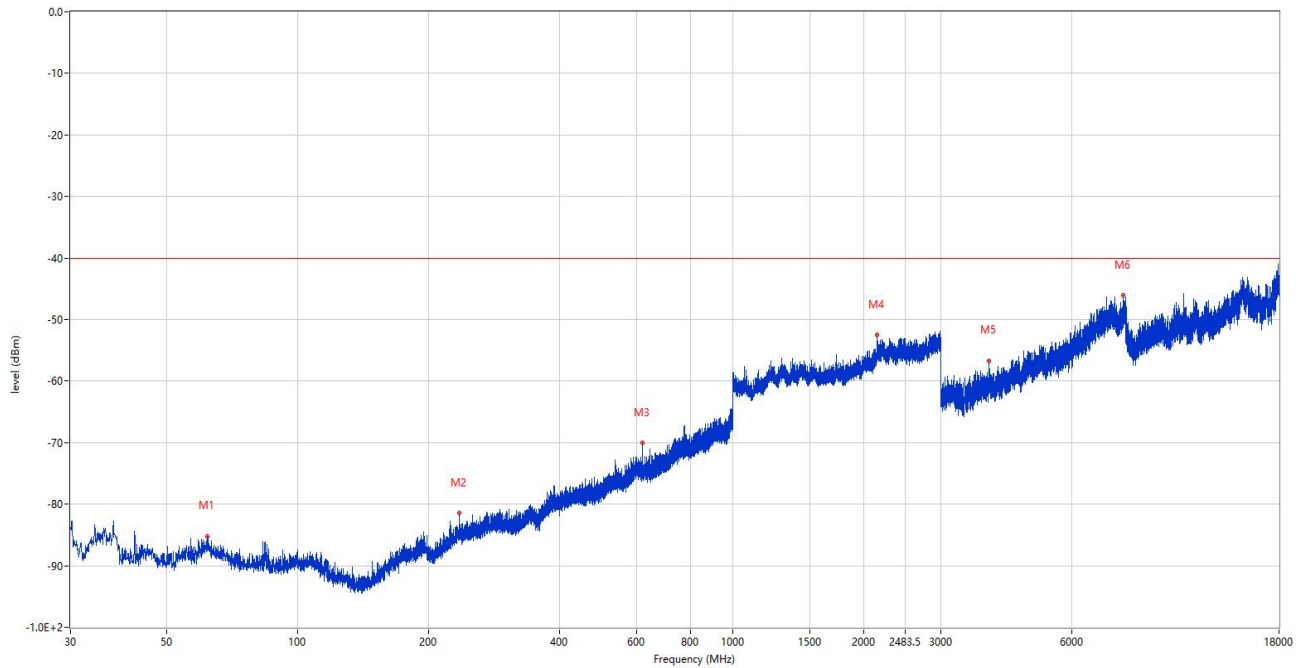
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 76.754          | -80.39       | -19.49      | -40.0       | 40.39       | 162.00    | Vertical | Horizontal | Pass    |
| 609.769         | -70.66       | -4.13       | -40.0       | 30.66       | 119.00    | Vertical | Horizontal | Pass    |
| 1293.700        | -56.19       | -3.87       | -40.0       | 16.19       | 138.00    | Vertical | Horizontal | Pass    |
| 2203.700        | -52.95       | -0.77       | -40.0       | 12.95       | 45.00     | Vertical | Horizontal | Pass    |
| 3681.250        | -53.01       | 6.90        | -40.0       | 13.01       | 60.00     | Vertical | Horizontal | N/A     |
| 6110.500        | -51.10       | 13.53       | -40.0       | 11.10       | 325.00    | Vertical | Horizontal | Pass    |

Band:LTE CA 48C



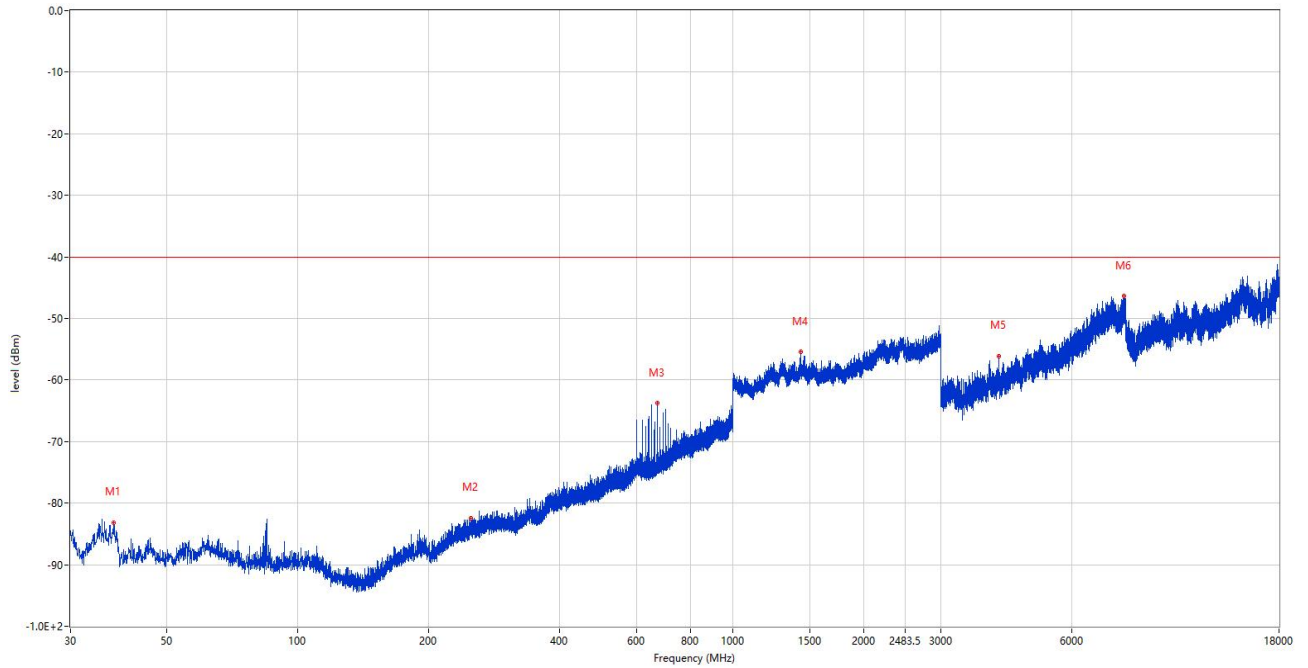
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 76.802          | -81.96       | -19.49      | -40.0       | 41.96       | 199.00    | Horizontal | Horizontal | Pass    |
| 600.602         | -71.09       | -4.05       | -40.0       | 31.09       | 231.00    | Horizontal | Horizontal | Pass    |
| 1367.300        | -55.90       | -4.37       | -40.0       | 15.90       | 250.00    | Horizontal | Horizontal | Pass    |
| 2293.800        | -52.79       | -1.00       | -40.0       | 12.79       | 253.00    | Horizontal | Horizontal | Pass    |
| 3681.250        | -53.64       | 6.90        | -40.0       | 13.64       | 225.00    | Horizontal | Horizontal | N/A     |
| 5973.750        | -51.98       | 13.04       | -40.0       | 11.98       | 233.00    | Horizontal | Horizontal | Pass    |

### 3.1 NR-N48



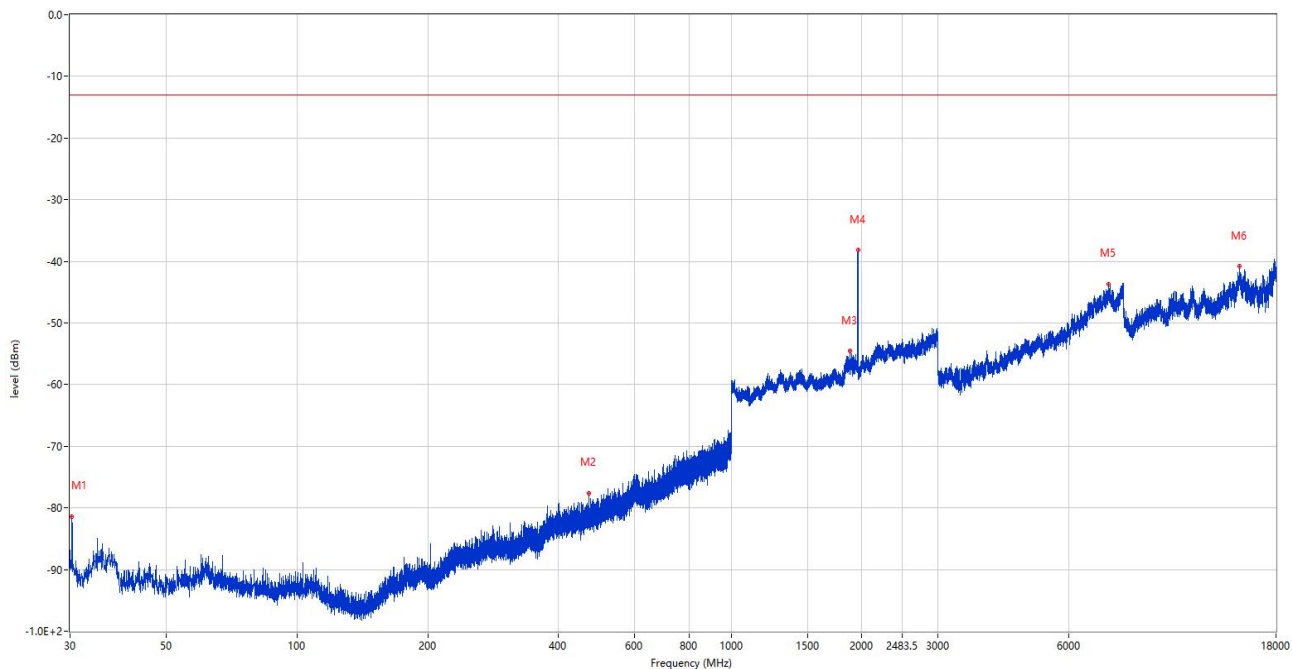
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 61.767          | -85.18       | -16.16      | -40.0       | 45.18       | 359.00    | Vertical | Horizontal | Pass    |
| 234.622         | -81.44       | -14.51      | -40.0       | 41.44       | 118.00    | Vertical | Horizontal | Pass    |
| 620.051         | -70.02       | -4.41       | -40.0       | 30.02       | 73.00     | Vertical | Horizontal | Pass    |
| 2146.900        | -52.42       | -1.41       | -40.0       | 12.42       | 6.00      | Vertical | Horizontal | Pass    |
| 3871.750        | -56.66       | 8.46        | -40.0       | 16.66       | 178.00    | Vertical | Horizontal | Pass    |
| 7904.750        | -46.05       | 19.25       | -40.0       | 6.05        | 244.00    | Vertical | Horizontal | Pass    |

Band:NR-N48



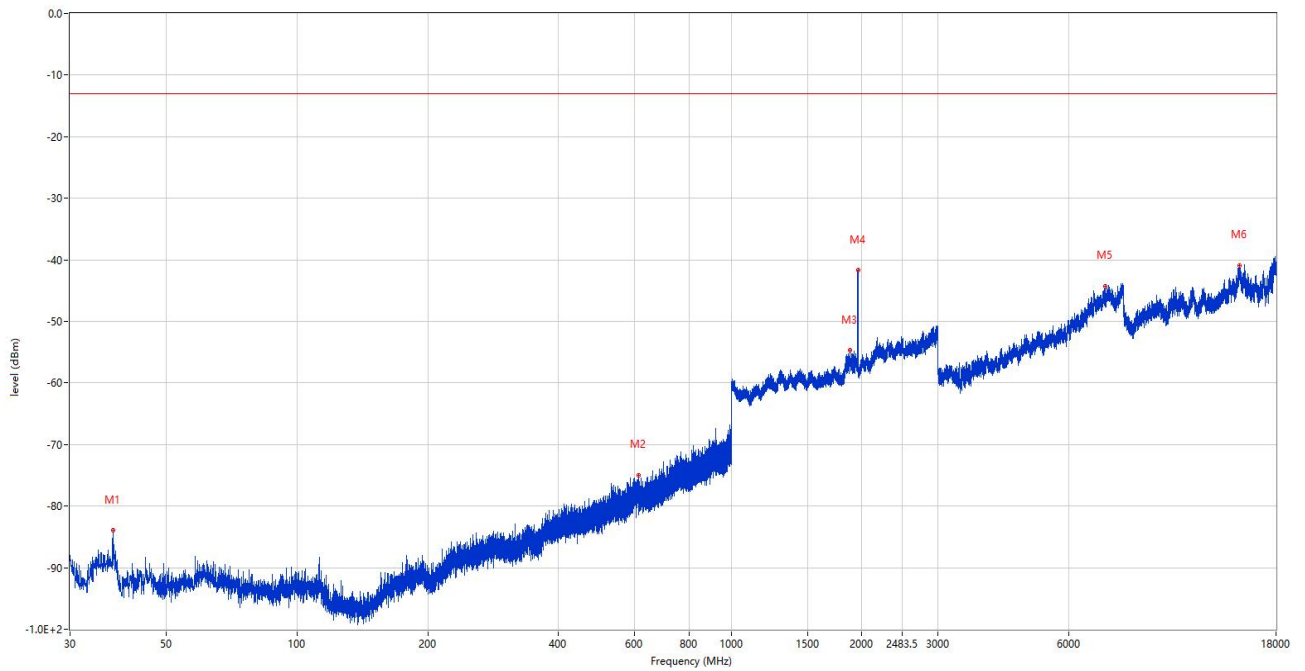
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 37.712          | -83.12       | -13.96      | -40.0       | 43.12       | 95.00     | Horizontal | Horizontal | Pass    |
| 249.268         | -82.41       | -14.21      | -40.0       | 42.41       | 34.00     | Horizontal | Horizontal | Pass    |
| 669.958         | -63.80       | -4.08       | -40.0       | 23.80       | 143.00    | Horizontal | Horizontal | Pass    |
| 1433.900        | -55.38       | -4.13       | -40.0       | 15.38       | 281.00    | Horizontal | Horizontal | Pass    |
| 4079.750        | -56.21       | 7.95        | -40.0       | 16.21       | 48.00     | Horizontal | Horizontal | Pass    |
| 7937.500        | -46.36       | 19.29       | -40.0       | 6.36        | 261.00    | Horizontal | Horizontal | Pass    |

#### 4.1 NSA Band DC-2A-N48A



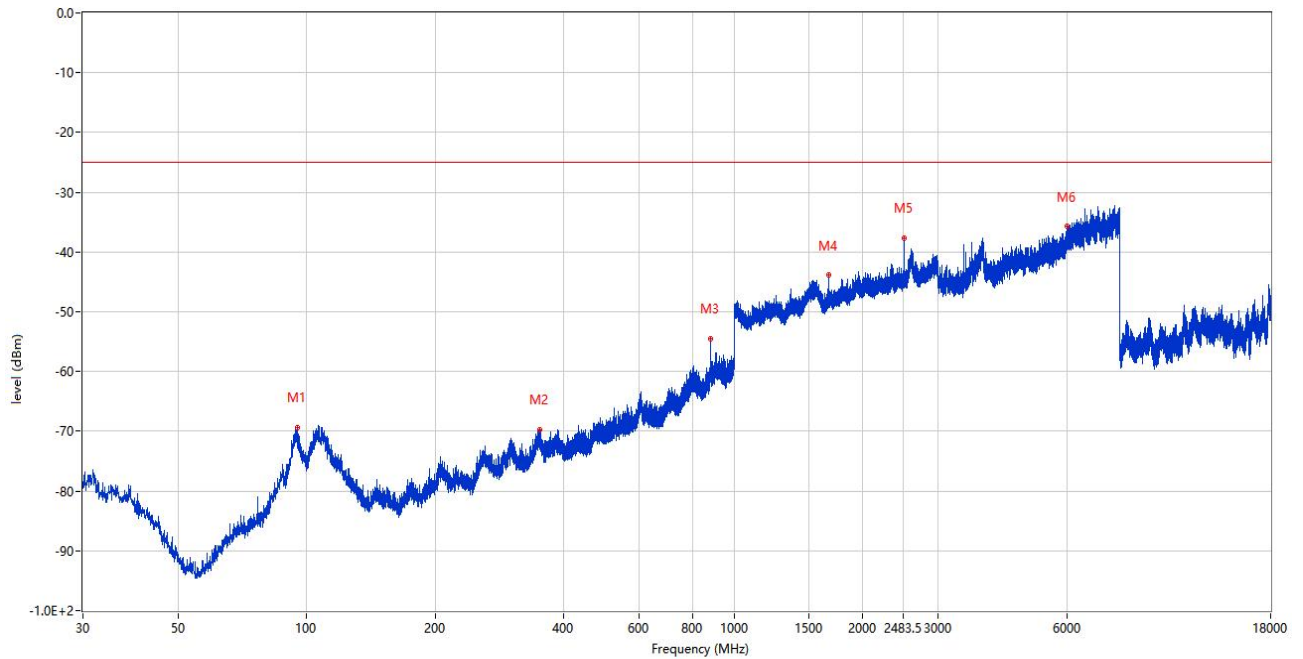
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 30.291          | -81.36       | -15.40      | -13.0       | 68.36       | 62.00     | Vertical | Horizontal | Pass    |
| 470.283         | -77.65       | -8.34       | -13.0       | 64.65       | 62.00     | Vertical | Horizontal | Pass    |
| 1877.800        | -54.59       | 4.71        | -13.0       | 41.59       | 173.00    | Vertical | Horizontal | N/A     |
| 1959.100        | -38.21       | 4.01        | -13.0       | 25.21       | 150.00    | Vertical | Horizontal | N/A     |
| 7413.500        | -43.75       | 18.96       | -13.0       | 30.75       | 344.00    | Vertical | Horizontal | Pass    |
| 14822.963       | -40.75       | 24.45       | -13.0       | 27.75       | 6.00      | Vertical | Horizontal | Pass    |

Band: NSA DC-2A-N48A

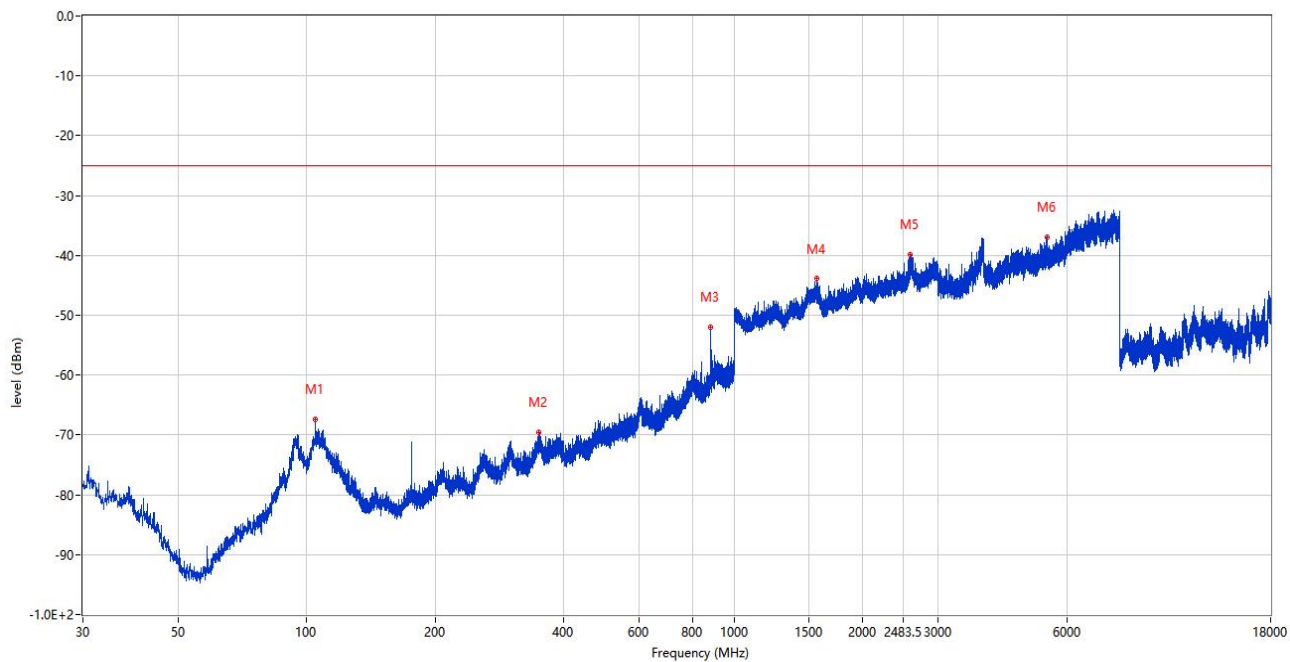


| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 37.663          | -83.89       | -13.98      | -13.0       | 70.89       | 268.00    | Horizontal | Horizontal | Pass    |
| 612.776         | -75.04       | -4.19       | -13.0       | 62.04       | 214.00    | Horizontal | Horizontal | Pass    |
| 1878.000        | -54.71       | 4.71        | -13.0       | 41.71       | 260.00    | Horizontal | Horizontal | N/A     |
| 1958.800        | -41.70       | 4.00        | -13.0       | 28.70       | 137.00    | Horizontal | Horizontal | N/A     |
| 7275.500        | -44.27       | 17.30       | -13.0       | 31.27       | 348.00    | Horizontal | Horizontal | Pass    |
| 14839.763       | -40.87       | 23.84       | -13.0       | 27.87       | 277.00    | Horizontal | Horizontal | Pass    |

## 4.2 NSA Band DC-5A-N48A

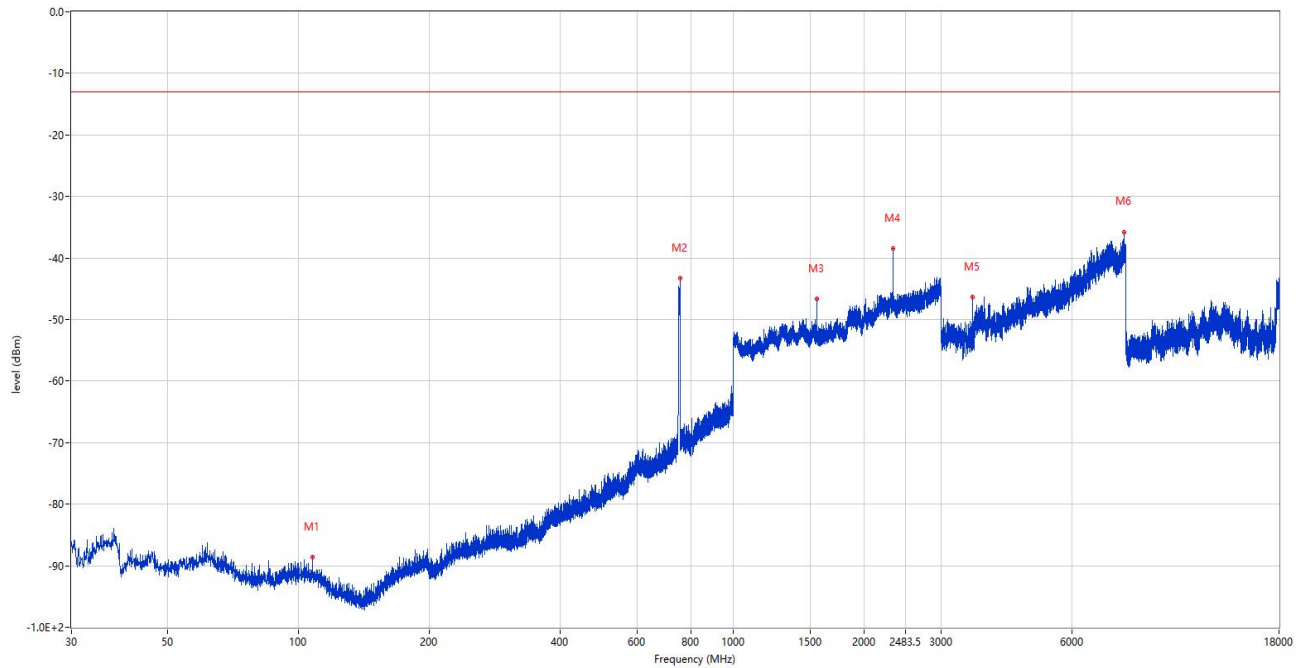


Band: NSA DC-5A-N48A



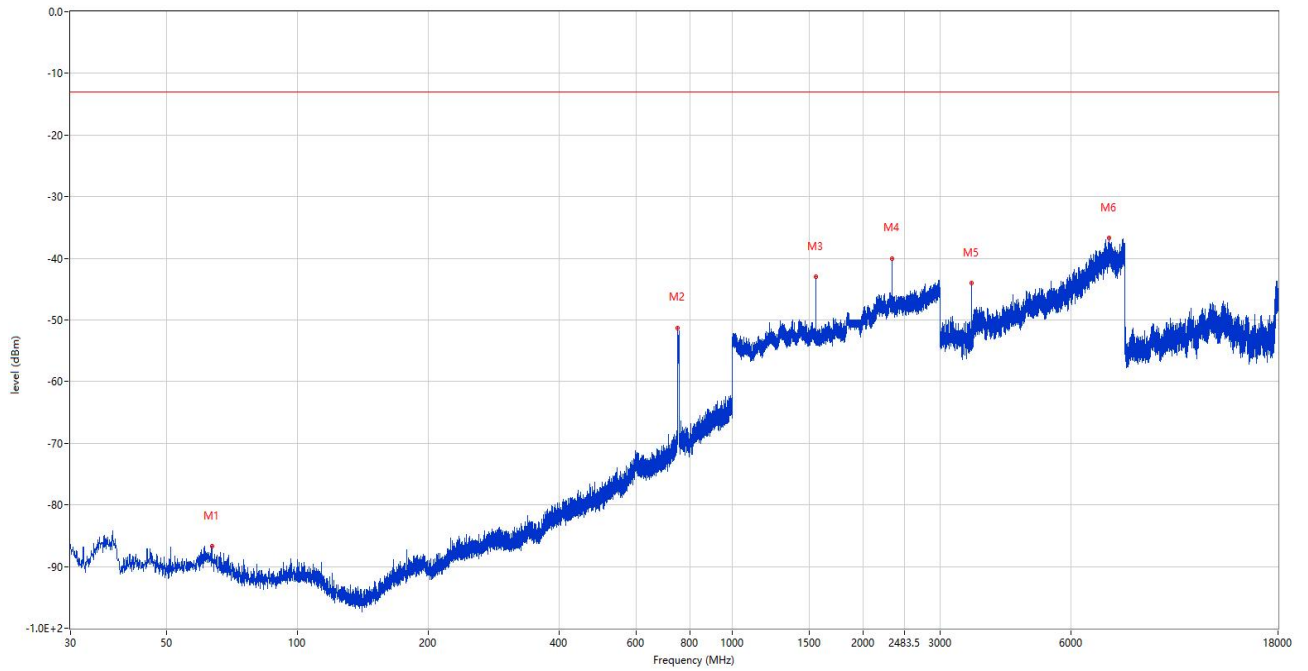
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 105.030         | -67.37       | -0.50       | -25.0       | 42.37       | 250.00    | Horizontal | Horizontal | Pass    |
| 348.839         | -69.52       | -1.15       | -25.0       | 44.52       | 0.00      | Horizontal | Horizontal | Pass    |
| 882.484         | -52.05       | 9.01        | -25.0       | 27.05       | 0.00      | Horizontal | Horizontal | N/A     |
| 1558.800        | -43.88       | 7.82        | -25.0       | 18.88       | 206.00    | Horizontal | Horizontal | Pass    |
| 2587.300        | -39.93       | 12.98       | -25.0       | 14.93       | 157.00    | Horizontal | Horizontal | Pass    |
| 5403.000        | -36.94       | 17.68       | -25.0       | 11.94       | 202.00    | Horizontal | Horizontal | Pass    |

#### 4.3 NSA Band DC-13A-N48A



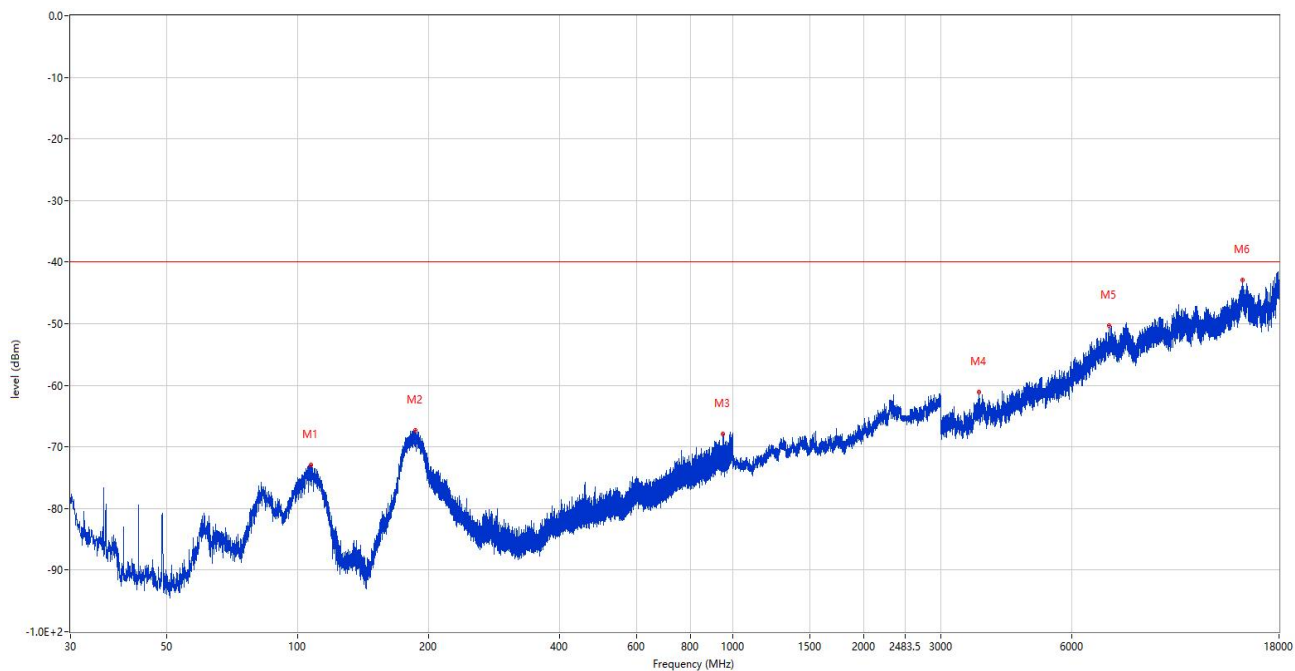
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 107.697         | -88.55       | -17.49      | -13.0       | 75.55       | 333.00    | Vertical | Horizontal | Pass    |
| 754.590         | -43.23       | -2.42       | -13.0       | 30.23       | 46.00     | Vertical | Horizontal | N/A     |
| 1556.100        | -46.68       | 1.28        | -13.0       | 33.68       | 291.00    | Vertical | Horizontal | Pass    |
| 2333.700        | -38.44       | 6.93        | -13.0       | 25.44       | 312.00    | Vertical | Horizontal | Pass    |
| 3551.500        | -46.31       | 5.60        | -13.0       | 33.31       | 310.00    | Vertical | Horizontal | N/A     |
| 7918.750        | -35.75       | 19.27       | -13.0       | 22.75       | 16.00     | Vertical | Horizontal | Pass    |

Band: NSA DC-13A-N48A



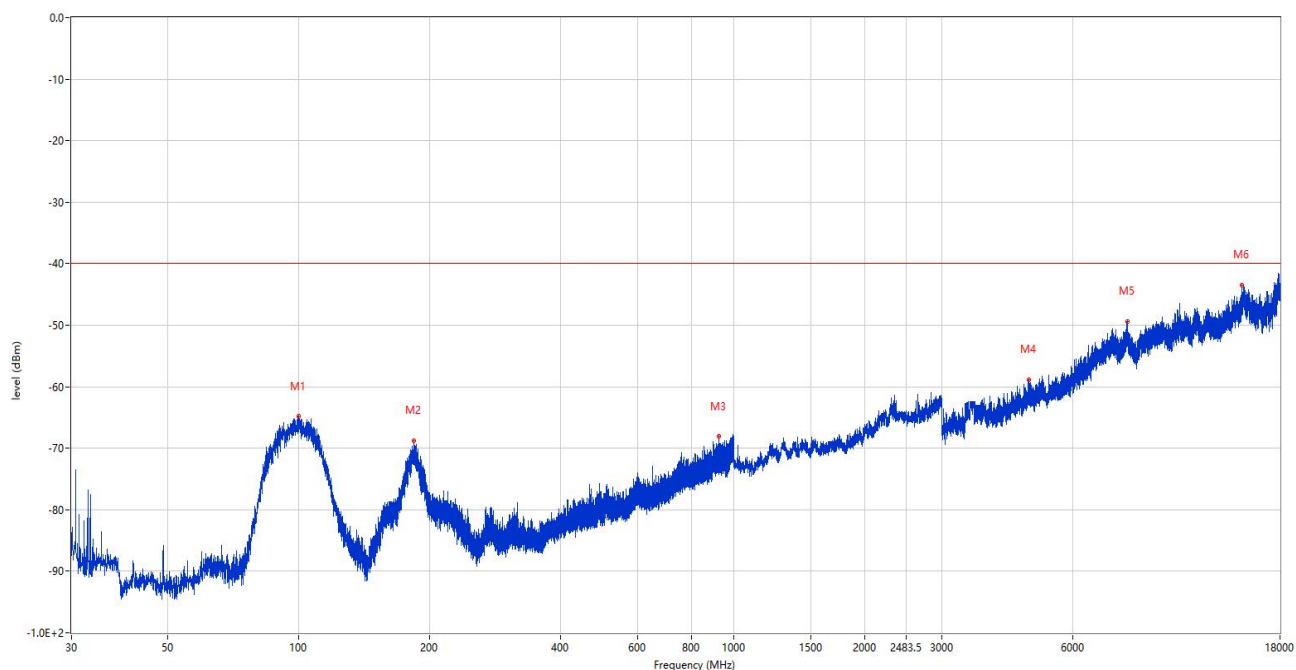
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 63.416          | -86.75       | -15.12      | -13.0       | 73.75       | 17.00     | Horizontal | Horizontal | Pass    |
| 748.042         | -51.26       | -2.56       | -13.0       | 38.26       | 358.00    | Horizontal | Horizontal | N/A     |
| 1556.100        | -42.95       | 1.28        | -13.0       | 29.95       | 36.00     | Horizontal | Horizontal | Pass    |
| 2333.900        | -40.12       | 6.93        | -13.0       | 27.12       | 26.00     | Horizontal | Horizontal | Pass    |
| 3551.500        | -44.03       | 5.60        | -13.0       | 31.03       | 123.00    | Horizontal | Horizontal | N/A     |
| 7370.750        | -36.77       | 18.28       | -13.0       | 23.77       | 188.00    | Horizontal | Horizontal | Pass    |

#### 4.4 NSA Band DC-48A-N2A



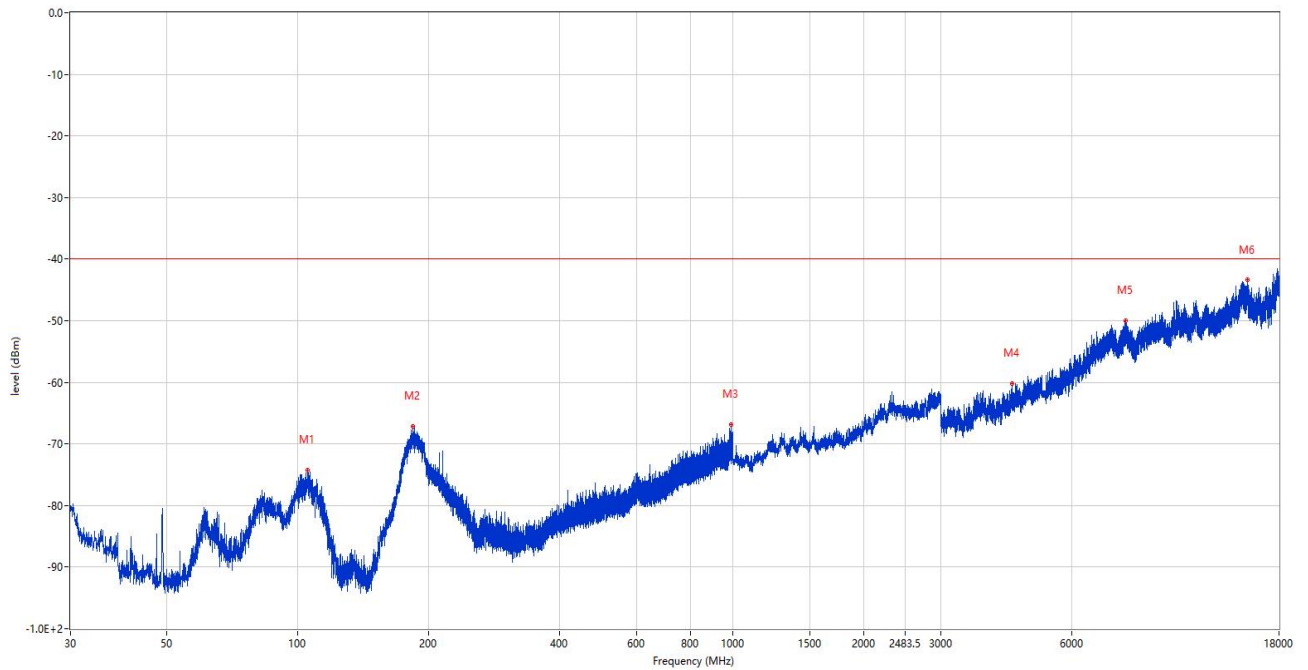
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 107.018         | -72.91       | -18.86      | -40.0       | 32.91       | 125.00    | Vertical | Horizontal | Pass    |
| 186.073         | -67.33       | -17.83      | -40.0       | 27.33       | 128.00    | Vertical | Horizontal | Pass    |
| 948.008         | -67.84       | 1.88        | -40.0       | 27.84       | 170.00    | Vertical | Horizontal | Pass    |
| 3685.000        | -61.03       | 8.12        | -40.0       | 21.03       | 66.00     | Vertical | Horizontal | Pass    |
| 7337.000        | -50.32       | 17.65       | -40.0       | 10.32       | 15.00     | Vertical | Horizontal | Pass    |
| 14827.950       | -42.94       | 24.27       | -40.0       | 2.94        | 359.00    | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N2A



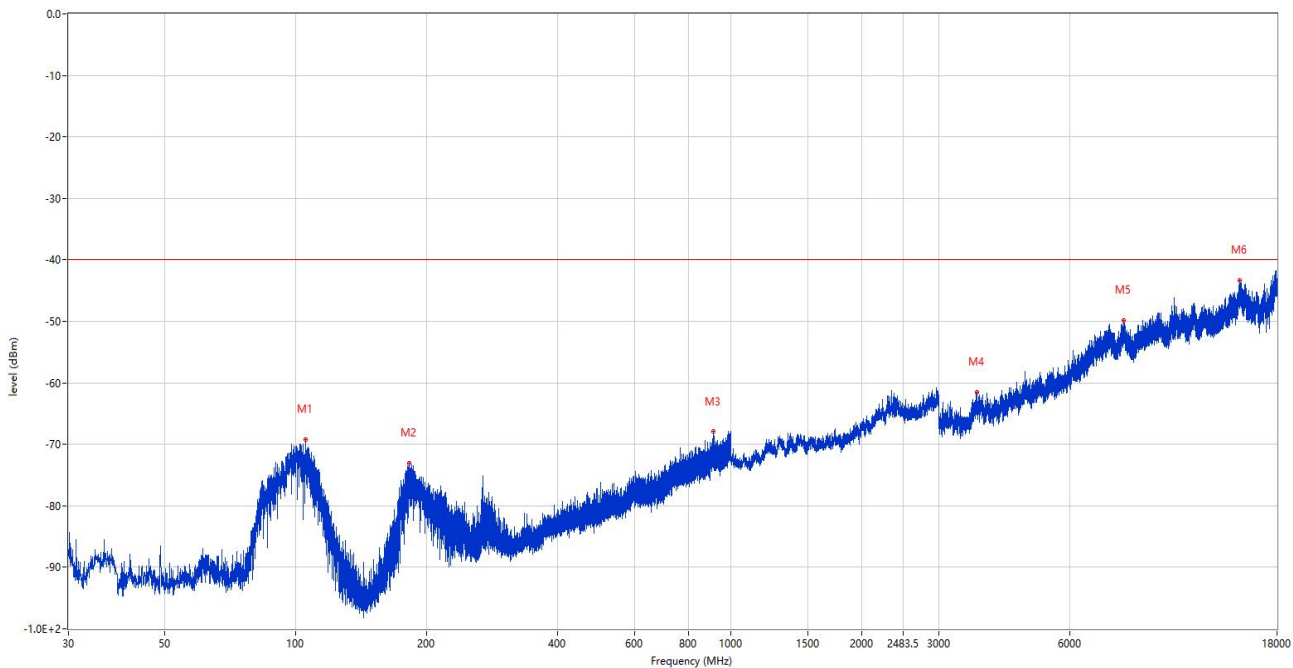
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 99.937          | -64.86       | -18.86      | -40.0       | 24.86       | 199.00    | Horizontal | Horizontal | Pass    |
| 183.551         | -68.78       | -17.95      | -40.0       | 28.78       | 303.00    | Horizontal | Horizontal | Pass    |
| 921.721         | -68.03       | 1.82        | -40.0       | 28.03       | 352.00    | Horizontal | Horizontal | Pass    |
| 4772.500        | -58.93       | 10.92       | -40.0       | 18.93       | 357.00    | Horizontal | Horizontal | Pass    |
| 8023.037        | -49.45       | 15.97       | -40.0       | 9.45        | 162.00    | Horizontal | Horizontal | Pass    |
| 14711.925       | -43.48       | 23.49       | -40.0       | 3.48        | 272.00    | Horizontal | Horizontal | Pass    |

#### 4.5 NSA Band DC-48A-N5A



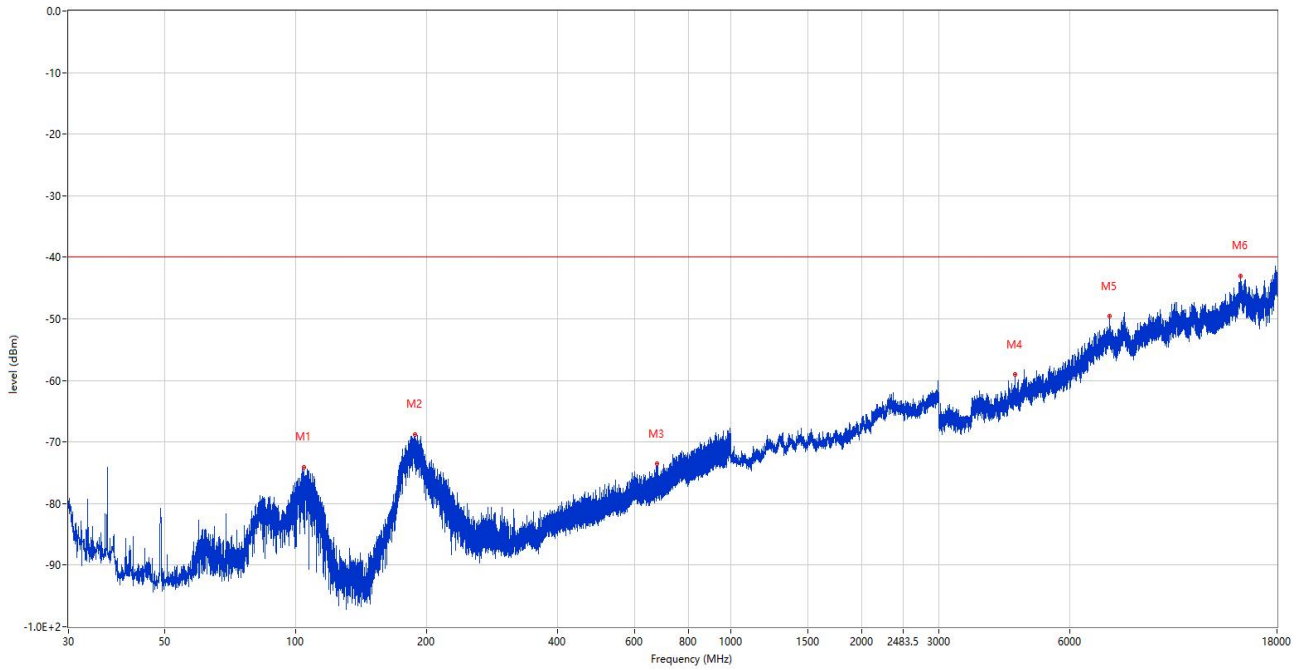
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 105.030         | -74.29       | -18.77      | -40.0       | 34.29       | 95.00     | Vertical | Horizontal | Pass    |
| 184.084         | -67.14       | -17.93      | -40.0       | 27.14       | 121.00    | Vertical | Horizontal | Pass    |
| 990.688         | -66.87       | 3.76        | -40.0       | 26.87       | 233.00    | Vertical | Horizontal | Pass    |
| 4385.000        | -60.24       | 9.05        | -40.0       | 20.24       | 118.00    | Vertical | Horizontal | Pass    |
| 8007.600        | -50.07       | 16.06       | -40.0       | 10.07       | 267.00    | Vertical | Horizontal | Pass    |
| 15246.113       | -43.34       | 22.73       | -40.0       | 3.34        | 56.00     | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N5A



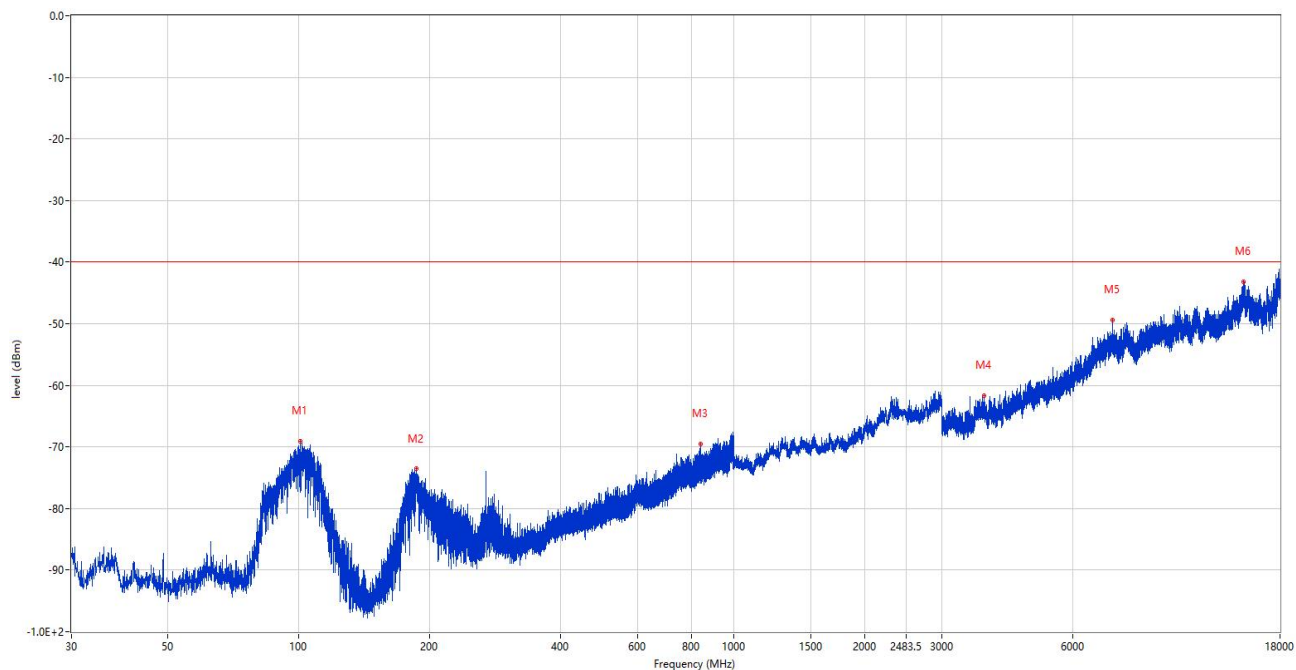
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 105.418         | -69.21       | -18.79      | -40.0       | 29.21       | 32.00     | Horizontal | Horizontal | Pass    |
| 182.387         | -73.03       | -17.98      | -40.0       | 33.03       | 93.00     | Horizontal | Horizontal | Pass    |
| 910.663         | -67.87       | 1.61        | -40.0       | 27.87       | 259.00    | Horizontal | Horizontal | Pass    |
| 3678.500        | -61.56       | 8.25        | -40.0       | 21.56       | 137.00    | Horizontal | Horizontal | Pass    |
| 8010.212        | -49.85       | 16.12       | -40.0       | 9.85        | 190.00    | Horizontal | Horizontal | Pass    |
| 14803.800       | -43.40       | 24.37       | -40.0       | 3.40        | 224.00    | Horizontal | Horizontal | Pass    |

#### 4.6 NSA Band DC-48A-N12A



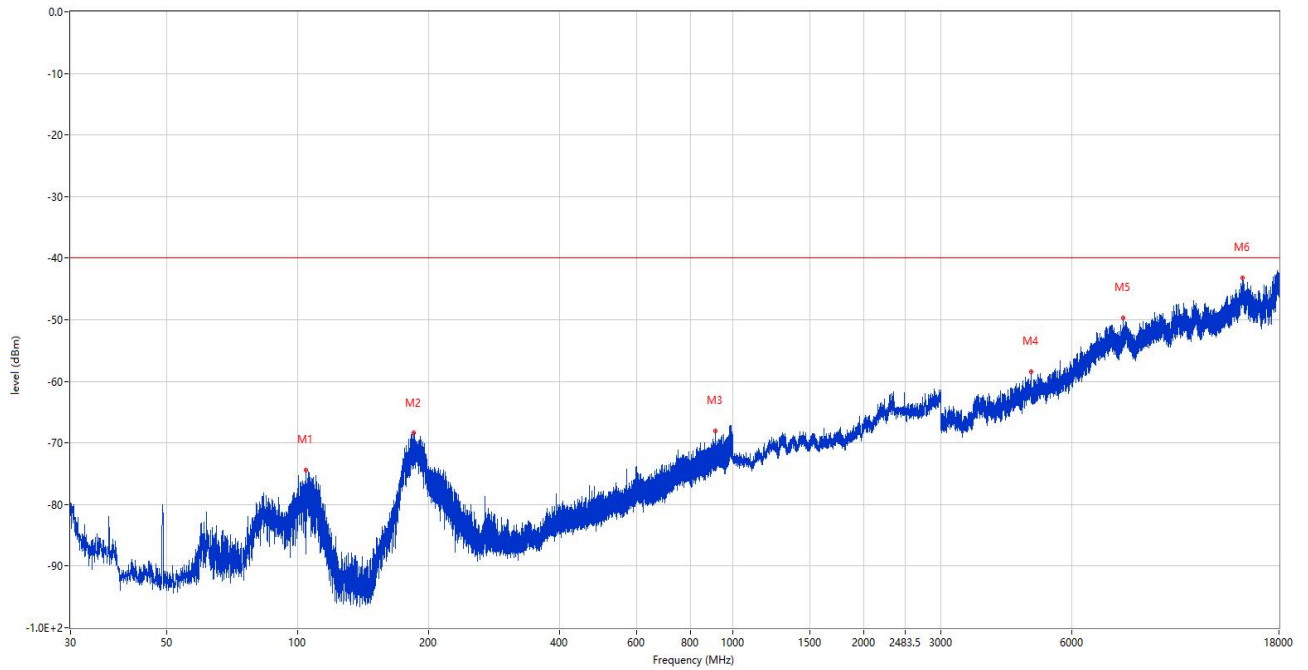
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 104.205         | -74.06       | -18.79      | -40.0       | 34.06       | 88.00     | Vertical | Horizontal | Pass    |
| 187.964         | -68.72       | -17.69      | -40.0       | 28.72       | 143.00    | Vertical | Horizontal | Pass    |
| 676.166         | -73.53       | -3.84       | -40.0       | 33.53       | 21.00     | Vertical | Horizontal | Pass    |
| 4498.500        | -59.05       | 9.38        | -40.0       | 19.05       | 200.00    | Vertical | Horizontal | Pass    |
| 7410.500        | -49.51       | 19.09       | -40.0       | 9.51        | 360.00    | Vertical | Horizontal | Pass    |
| 14818.237       | -43.04       | 24.53       | -40.0       | 3.04        | 104.00    | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N12A



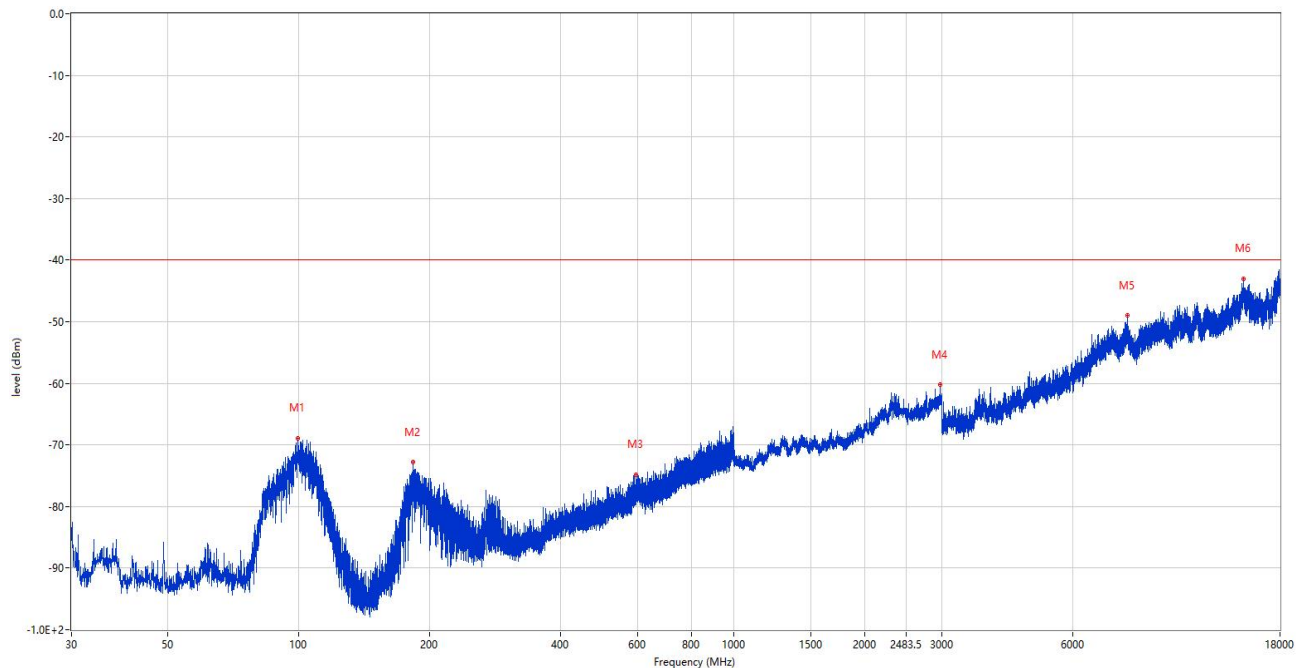
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 100.907         | -69.09       | -18.85      | -40.0       | 29.09       | 28.00     | Horizontal | Horizontal | Pass    |
| 186.219         | -73.57       | -17.82      | -40.0       | 33.57       | 101.00    | Horizontal | Horizontal | Pass    |
| 837.574         | -69.56       | -0.14       | -40.0       | 29.56       | 143.00    | Horizontal | Horizontal | Pass    |
| 3754.500        | -61.74       | 8.74        | -40.0       | 21.74       | 310.00    | Horizontal | Horizontal | Pass    |
| 7423.000        | -49.42       | 18.55       | -40.0       | 9.42        | 142.00    | Horizontal | Horizontal | Pass    |
| 14819.812       | -43.19       | 24.55       | -40.0       | 3.19        | 68.00     | Horizontal | Horizontal | Pass    |

#### 4.7 NSA Band DC-48A-N25A



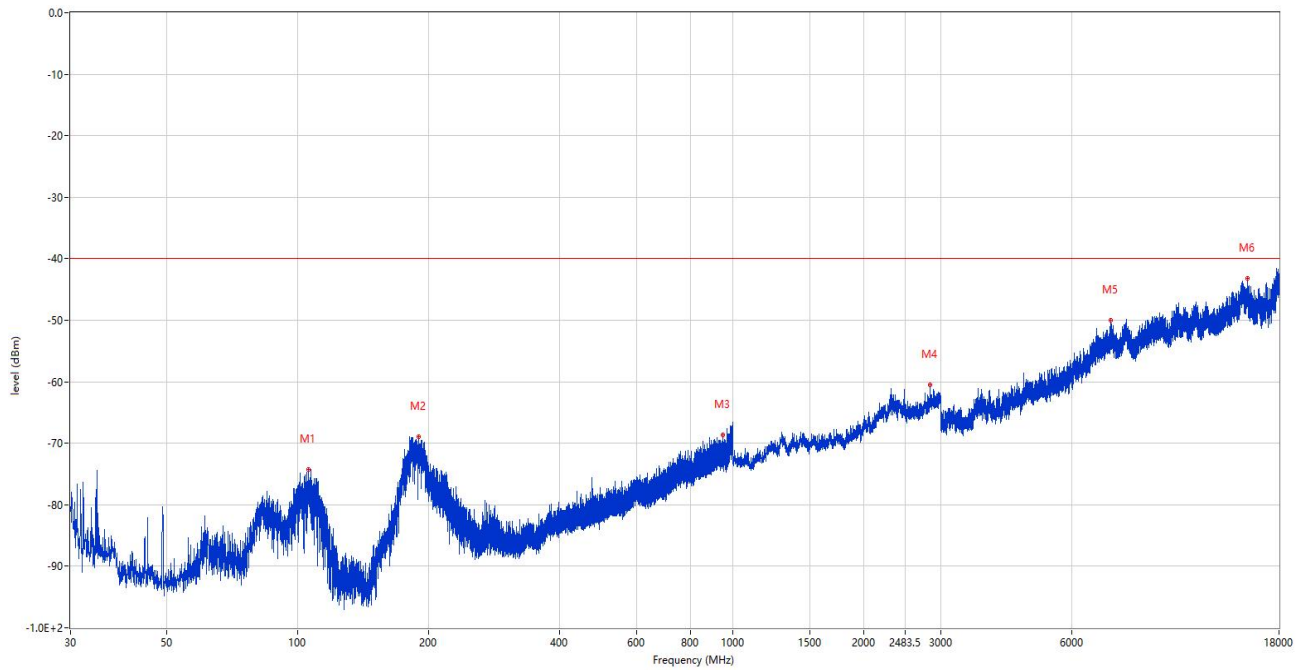
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 104.205         | -74.43       | -18.79      | -40.0       | 34.43       | 113.00    | Vertical | Horizontal | Pass    |
| 184.472         | -68.39       | -17.92      | -40.0       | 28.39       | 6.00      | Vertical | Horizontal | Pass    |
| 910.178         | -68.10       | 1.59        | -40.0       | 28.10       | 37.00     | Vertical | Horizontal | Pass    |
| 4853.500        | -58.46       | 10.26       | -40.0       | 18.46       | 252.00    | Vertical | Horizontal | Pass    |
| 7884.500        | -49.75       | 18.77       | -40.0       | 9.75        | 113.00    | Vertical | Horizontal | Pass    |
| 14831.887       | -43.22       | 24.12       | -40.0       | 3.22        | 120.00    | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N25A



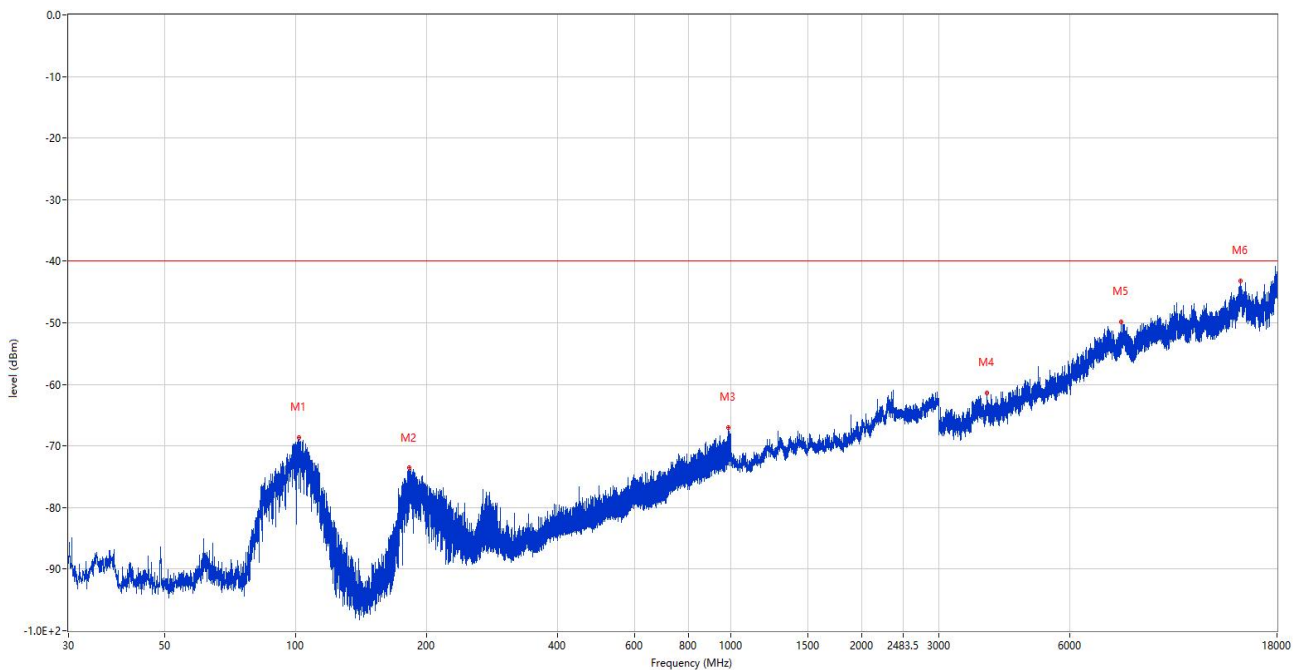
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 99.258          | -68.94       | -18.78      | -40.0       | 28.94       | 211.00    | Horizontal | Horizontal | Pass    |
| 183.212         | -72.79       | -17.96      | -40.0       | 32.79       | 72.00     | Horizontal | Horizontal | Pass    |
| 596.529         | -74.83       | -4.39       | -40.0       | 34.83       | 221.00    | Horizontal | Horizontal | Pass    |
| 2980.000        | -60.24       | 10.01       | -40.0       | 20.24       | 242.00    | Horizontal | Horizontal | Pass    |
| 8026.838        | -49.02       | 15.92       | -40.0       | 9.02        | 179.00    | Horizontal | Horizontal | Pass    |
| 14825.588       | -43.03       | 24.35       | -40.0       | 3.03        | 285.00    | Horizontal | Horizontal | Pass    |

#### 4.8 NSA Band DC-48A-N66A



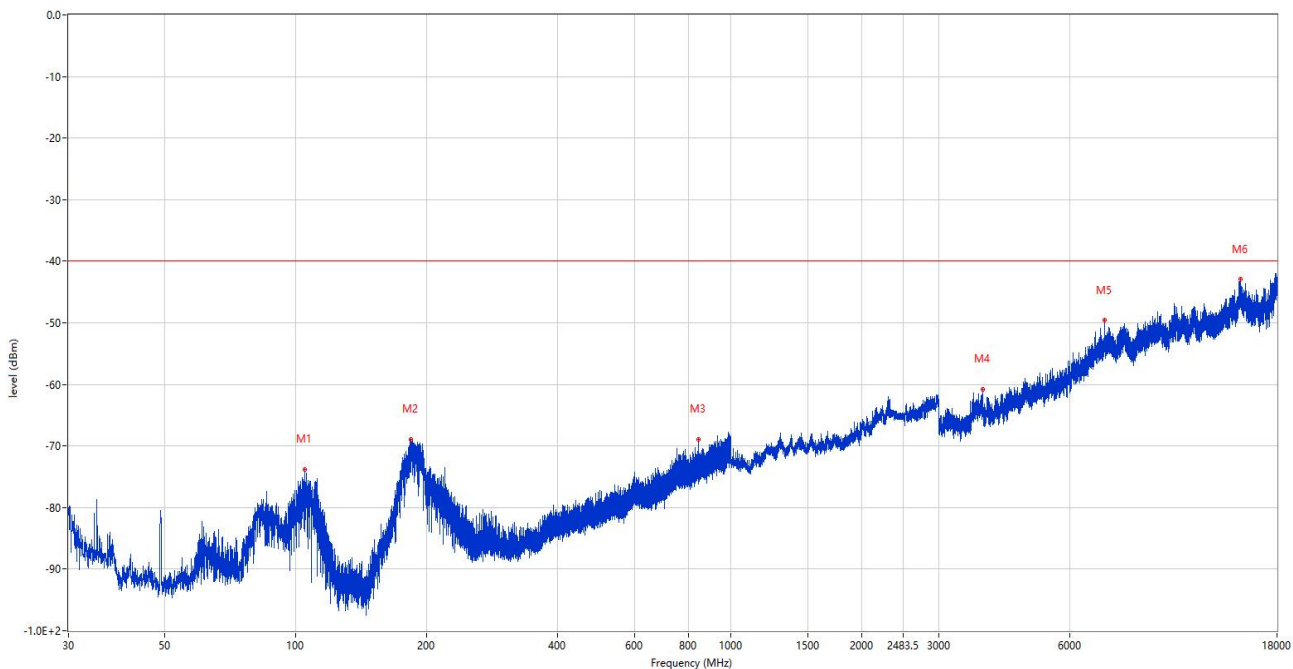
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 105.612         | -74.27       | -18.80      | -40.0       | 34.27       | 144.00    | Vertical | Horizontal | Pass    |
| 189.468         | -68.88       | -17.57      | -40.0       | 28.88       | 109.00    | Vertical | Horizontal | Pass    |
| 946.359         | -68.67       | 1.86        | -40.0       | 28.67       | 97.00     | Vertical | Horizontal | Pass    |
| 2843.500        | -60.47       | 8.75        | -40.0       | 20.47       | 169.00    | Vertical | Horizontal | Pass    |
| 7396.000        | -49.96       | 18.74       | -40.0       | 9.96        | 310.00    | Vertical | Horizontal | Pass    |
| 15254.250       | -43.16       | 22.78       | -40.0       | 3.16        | 42.00     | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N66A



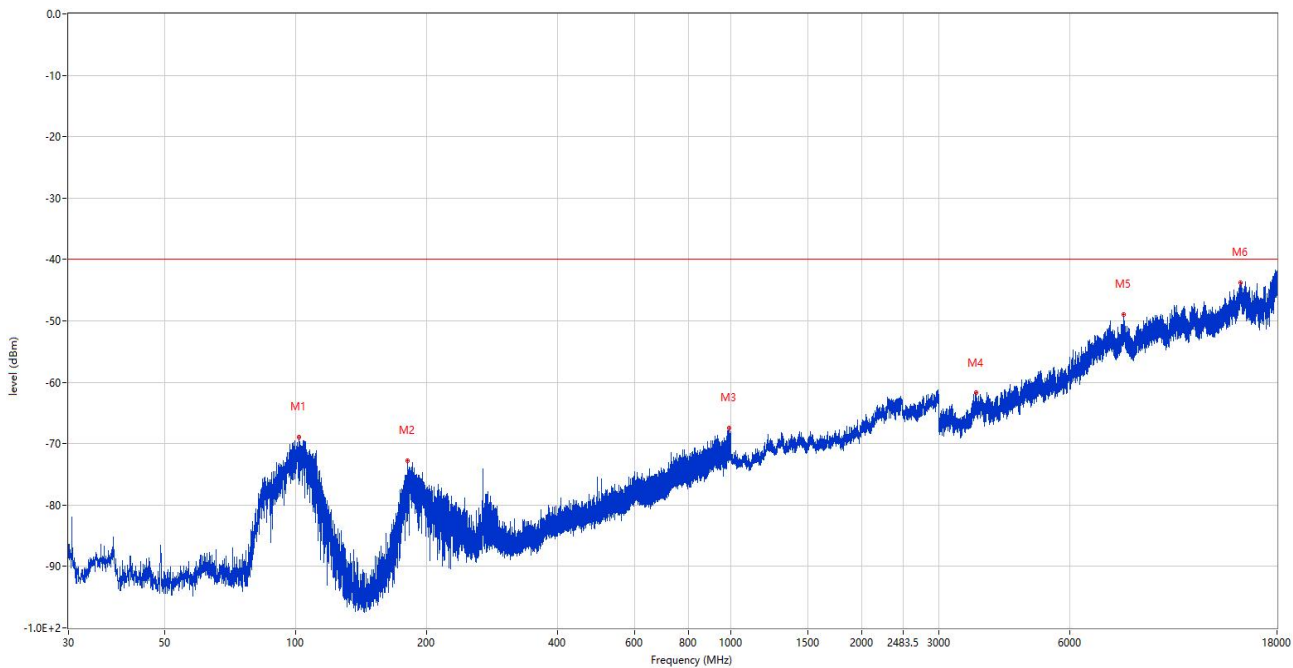
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 101.731         | -68.67       | -18.83      | -40.0       | 28.67       | 210.00    | Horizontal | Horizontal | Pass    |
| 182.338         | -73.57       | -17.98      | -40.0       | 33.57       | 98.00     | Horizontal | Horizontal | Pass    |
| 985.984         | -67.02       | 3.59        | -40.0       | 27.02       | 114.00    | Horizontal | Horizontal | Pass    |
| 3879.500        | -61.33       | 8.92        | -40.0       | 21.33       | 131.00    | Horizontal | Horizontal | Pass    |
| 7895.000        | -49.86       | 19.05       | -40.0       | 9.86        | 184.00    | Horizontal | Horizontal | Pass    |
| 14842.125       | -43.19       | 23.75       | -40.0       | 3.19        | 254.00    | Horizontal | Horizontal | Pass    |

#### 4.9 NSA Band DC-48A-N71A



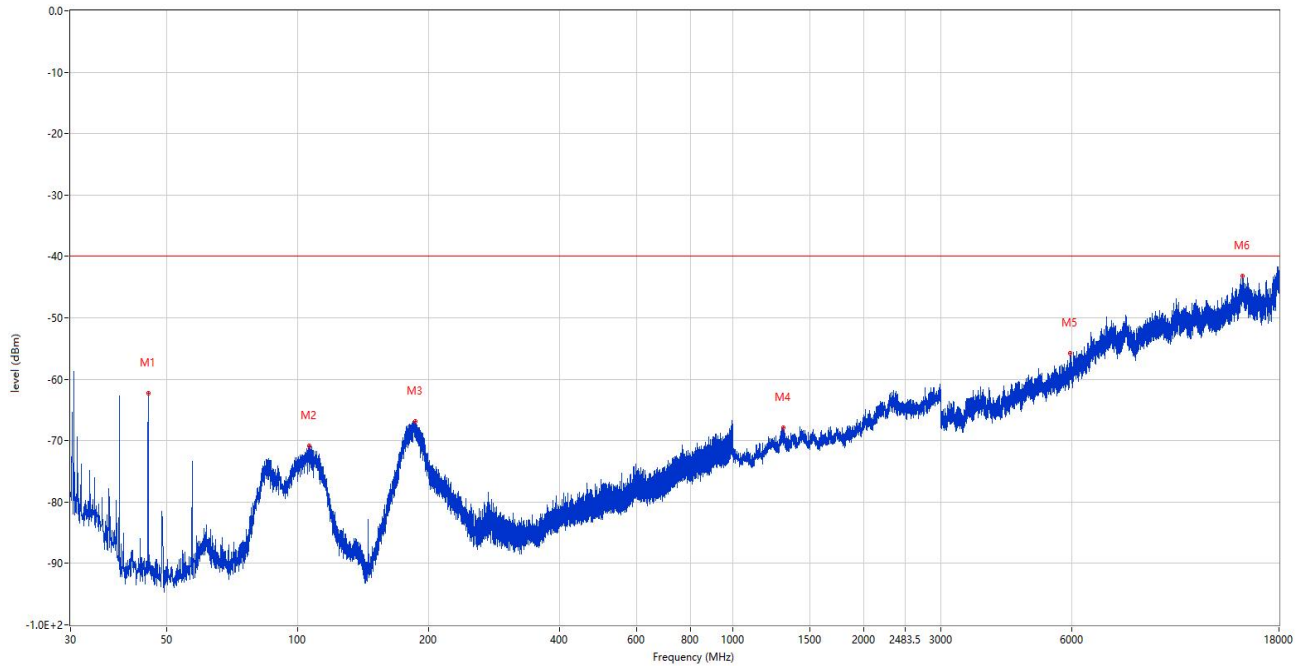
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 104.545         | -73.80       | -18.78      | -40.0       | 33.80       | 121.00    | Vertical | Horizontal | Pass    |
| 183.357         | -68.92       | -17.95      | -40.0       | 28.92       | 86.00     | Vertical | Horizontal | Pass    |
| 840.823         | -68.98       | -0.10       | -40.0       | 28.98       | 273.00    | Vertical | Horizontal | Pass    |
| 3799.000        | -60.74       | 8.00        | -40.0       | 20.74       | 229.00    | Vertical | Horizontal | Pass    |
| 7235.500        | -49.61       | 18.21       | -40.0       | 9.61        | 122.00    | Vertical | Horizontal | Pass    |
| 14824.800       | -42.93       | 24.38       | -40.0       | 2.93        | 259.00    | Vertical | Horizontal | Pass    |

Band: NSA DC-48A-N71A



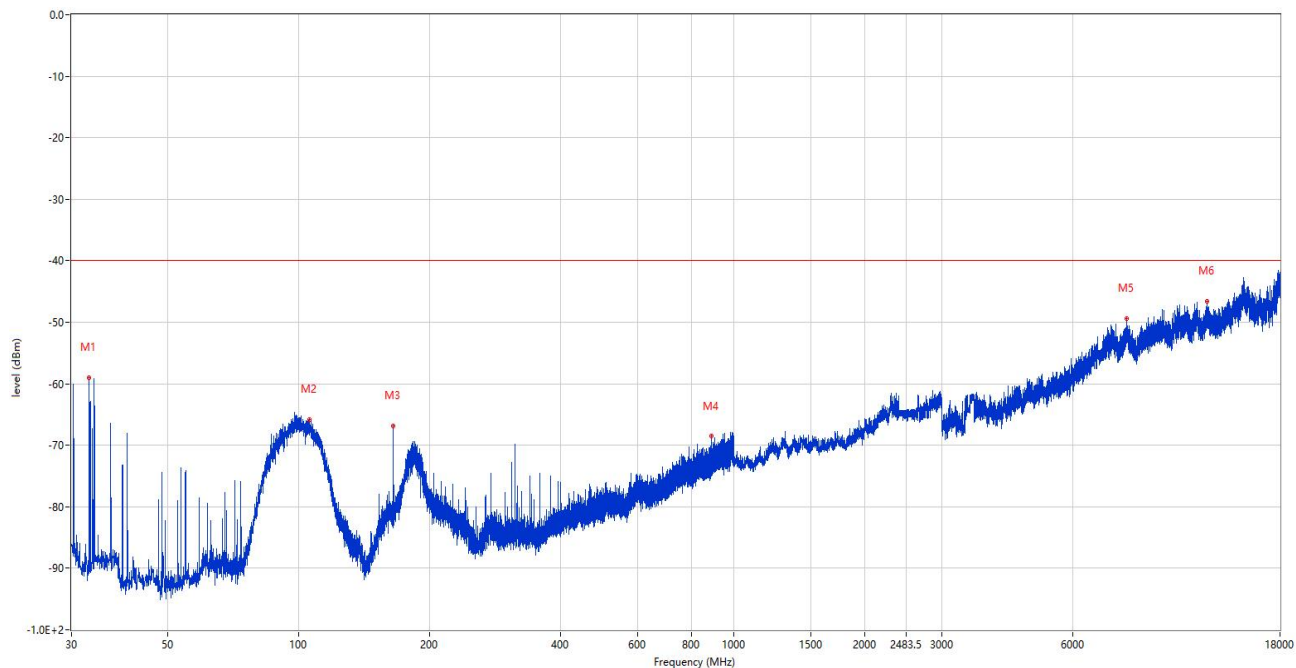
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 101.683         | -68.94       | -18.83      | -40.0       | 28.94       | 201.00    | Horizontal | Horizontal | Pass    |
| 180.690         | -72.77       | -18.03      | -40.0       | 32.77       | 127.00    | Horizontal | Horizontal | Pass    |
| 991.318         | -67.46       | 3.76        | -40.0       | 27.46       | 227.00    | Horizontal | Horizontal | Pass    |
| 3664.000        | -61.65       | 8.28        | -40.0       | 21.65       | 310.00    | Horizontal | Horizontal | Pass    |
| 8006.650        | -48.92       | 16.04       | -40.0       | 8.92        | 263.00    | Horizontal | Horizontal | Pass    |
| 14846.850       | -43.74       | 23.58       | -40.0       | 3.74        | 237.00    | Horizontal | Horizontal | Pass    |

#### 4.10 NSA Band DC-66A-N48A



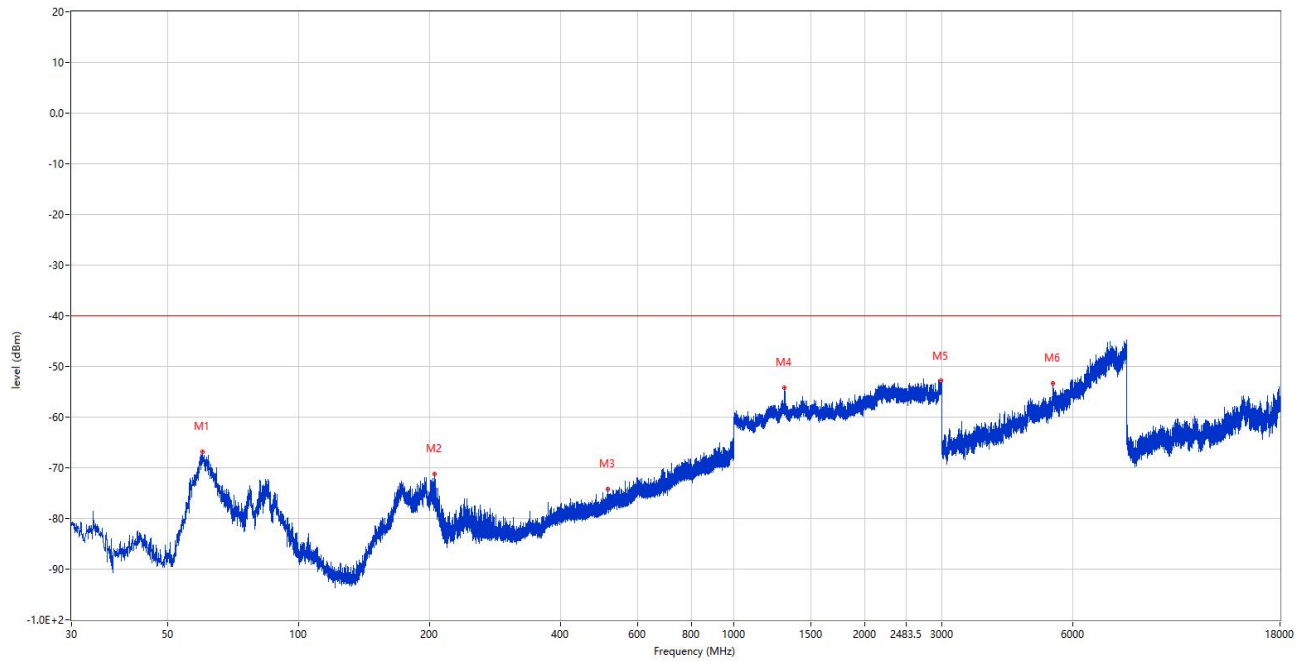
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 45.229          | -62.23       | -17.01      | -40.0       | 22.23       | 4.00      | Vertical | Horizontal | Pass    |
| 106.096         | -70.83       | -18.82      | -40.0       | 30.83       | 113.00    | Vertical | Horizontal | Pass    |
| 186.267         | -66.85       | -17.82      | -40.0       | 26.85       | 164.00    | Vertical | Horizontal | Pass    |
| 1303.500        | -67.93       | 0.94        | -40.0       | 27.93       | 121.00    | Vertical | Horizontal | Pass    |
| 5967.000        | -55.71       | 13.09       | -40.0       | 15.71       | 360.00    | Vertical | Horizontal | Pass    |
| 14815.088       | -43.22       | 24.50       | -40.0       | 3.22        | 154.00    | Vertical | Horizontal | Pass    |

Band: NSA DC-66A-N48A



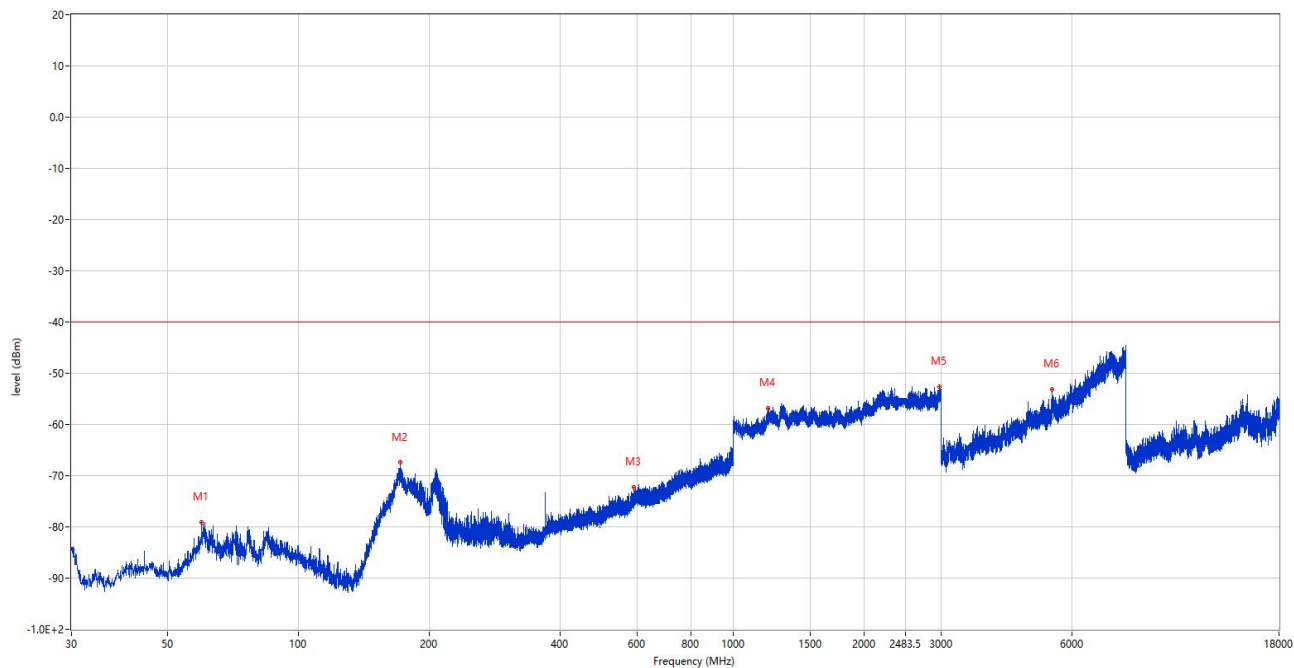
| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 32.959          | -59.02       | -16.76      | -40.0       | 19.02       | 133.00    | Horizontal | Horizontal | Pass    |
| 105.709         | -65.80       | -18.80      | -40.0       | 25.80       | 191.00    | Horizontal | Horizontal | Pass    |
| 164.878         | -66.85       | -19.24      | -40.0       | 26.85       | 129.00    | Horizontal | Horizontal | Pass    |
| 886.025         | -68.54       | 0.68        | -40.0       | 28.54       | 314.00    | Horizontal | Horizontal | Pass    |
| 8010.212        | -49.44       | 16.12       | -40.0       | 9.44        | 96.00     | Horizontal | Horizontal | Pass    |
| 12249.113       | -46.58       | 18.16       | -40.0       | 6.58        | 347.00    | Horizontal | Horizontal | Pass    |

## 5.1 UL MIMO N48



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT      | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|----------|------------|---------|
| 59.973          | -66.79       | -16.66      | -40.0       | 26.79       | 54.00     | Vertical | Horizontal | Pass    |
| 205.279         | -71.17       | -18.11      | -40.0       | 31.17       | 124.00    | Vertical | Horizontal | Pass    |
| 511.847         | -74.12       | -7.28       | -40.0       | 34.12       | 30.00     | Vertical | Horizontal | Pass    |
| 1308.300        | -54.16       | -3.78       | -40.0       | 14.16       | 0.00      | Vertical | Horizontal | Pass    |
| 2986.300        | -52.85       | 2.57        | -40.0       | 12.85       | 67.00     | Vertical | Horizontal | Pass    |
| 5418.500        | -53.26       | 1.85        | -40.0       | 13.26       | 36.00     | Vertical | Horizontal | Pass    |

Band:UL MIMO N48



| Frequency (MHz) | Result (dBm) | Factor (dB) | Limit (dBm) | Margin (dB) | Table (o) | ANT        | EUT        | Verdict |
|-----------------|--------------|-------------|-------------|-------------|-----------|------------|------------|---------|
| 59.779          | -79.05       | -16.74      | -40.0       | 39.05       | 169.00    | Horizontal | Horizontal | Pass    |
| 171.086         | -67.44       | -18.89      | -40.0       | 27.44       | 137.00    | Horizontal | Horizontal | Pass    |
| 589.932         | -72.22       | -4.90       | -40.0       | 32.22       | 158.00    | Horizontal | Horizontal | Pass    |
| 1199.800        | -56.79       | -4.87       | -40.0       | 16.79       | 360.00    | Horizontal | Horizontal | Pass    |
| 2975.300        | -52.58       | 2.93        | -40.0       | 12.58       | 360.00    | Horizontal | Horizontal | Pass    |
| 5418.750        | -53.09       | 1.87        | -40.0       | 13.09       | 327.00    | Horizontal | Horizontal | Pass    |