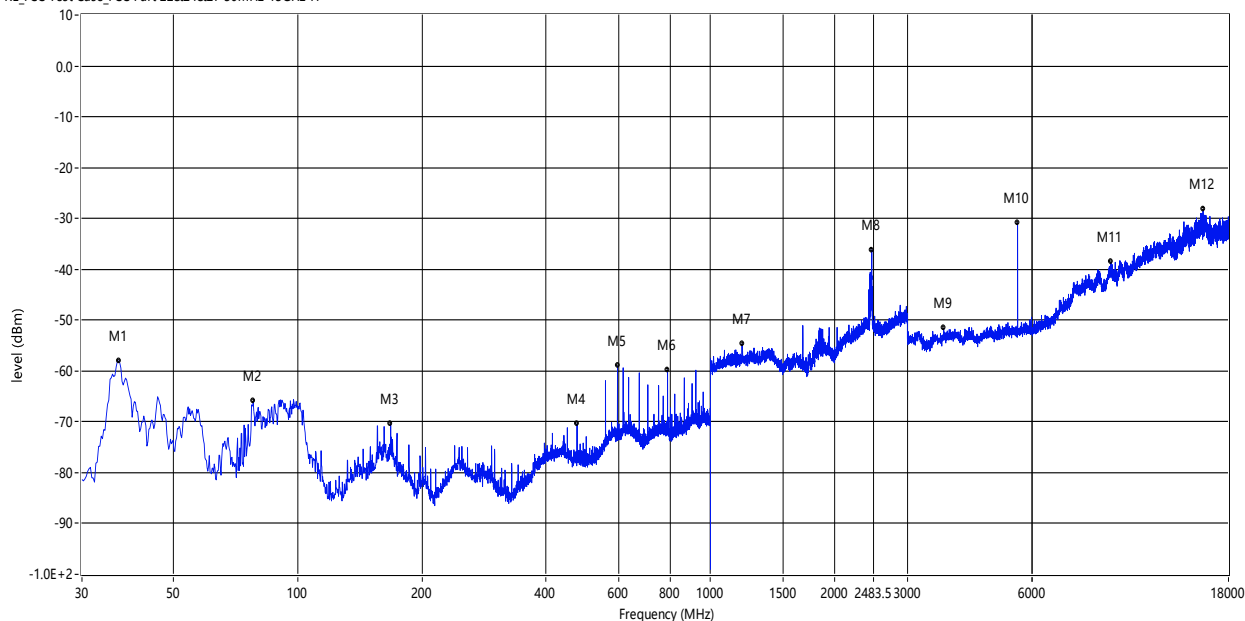




## Band 25\_1.4M\_1#0\_QPSK\_Low\_Horizontal

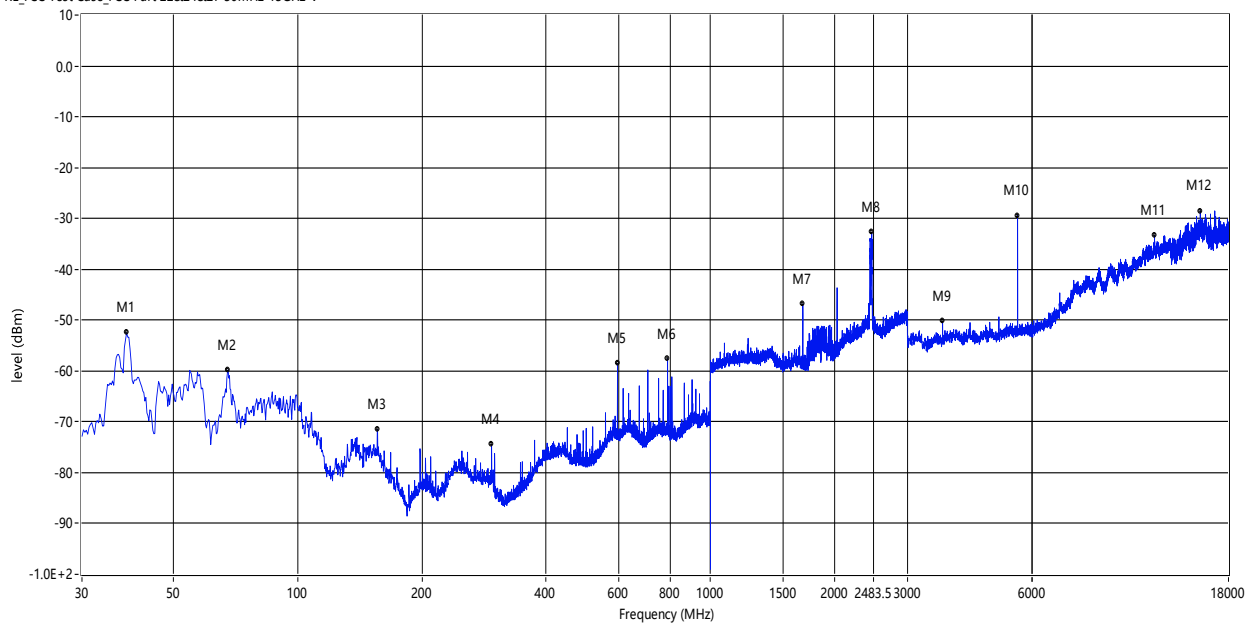
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -58.02       | -13.0       | -45.02          | Horizontal | Pass    |
| 78.015          | -65.98       | -13.0       | -52.98          | Horizontal | Pass    |
| 167.982         | -70.44       | -13.0       | -57.44          | Horizontal | Pass    |
| 474.987         | -70.40       | -13.0       | -57.40          | Horizontal | Pass    |
| 595.268         | -59.01       | -13.0       | -46.01          | Horizontal | Pass    |
| 787.327         | -59.79       | -13.0       | -46.79          | Horizontal | Pass    |
| 1193.000        | -54.69       | -13.0       | -41.69          | Horizontal | Pass    |
| 2460.500        | -36.20       | -13.0       | -23.20          | Horizontal | Pass    |
| 3675.000        | -51.60       | -13.0       | -38.60          | Horizontal | Pass    |
| 5550.000        | -30.85       | -13.0       | -17.85          | Horizontal | Pass    |
| 9337.500        | -38.55       | -13.0       | -25.55          | Horizontal | Pass    |
| 15616.250       | -28.26       | -13.0       | -15.26          | Horizontal | Pass    |

# Band 25\_1.4M\_1#0\_QPSK\_Low\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

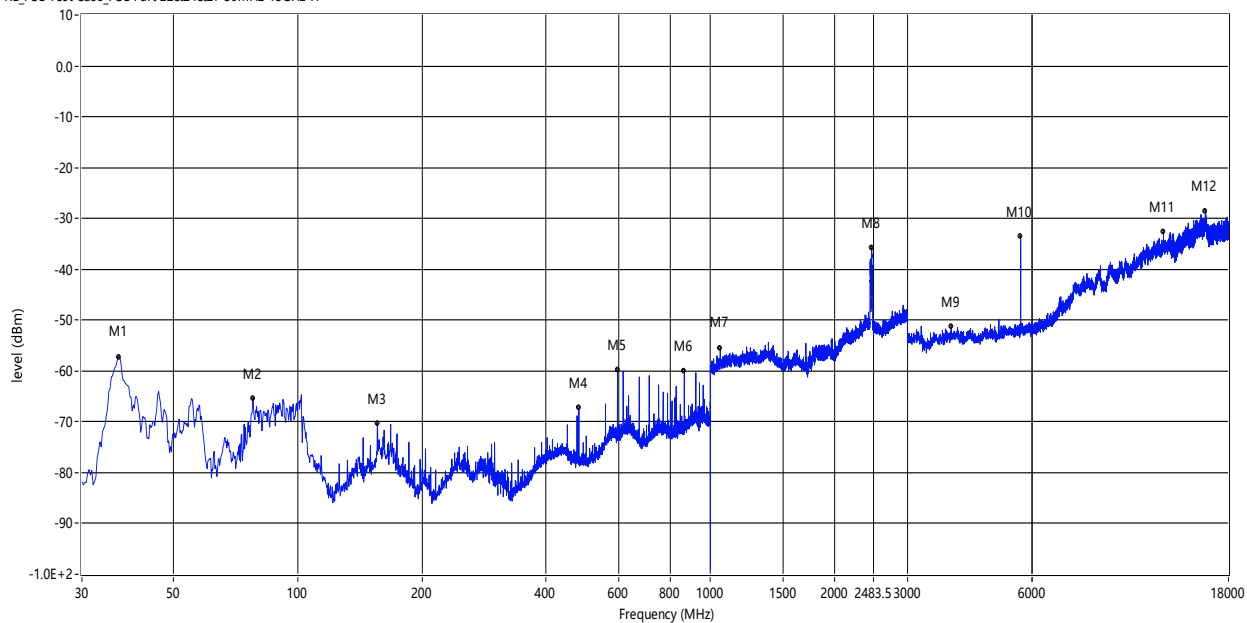


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.487          | -52.48       | -13.0       | -39.48          | Vertical | Pass    |
| 67.830          | -59.80       | -13.0       | -46.80          | Vertical | Pass    |
| 155.858         | -71.52       | -13.0       | -58.52          | Vertical | Pass    |
| 294.810         | -74.49       | -13.0       | -61.49          | Vertical | Pass    |
| 595.268         | -58.49       | -13.0       | -45.49          | Vertical | Pass    |
| 787.327         | -57.60       | -13.0       | -44.60          | Vertical | Pass    |
| 1674.000        | -46.81       | -13.0       | -33.81          | Vertical | Pass    |
| 2459.000        | -32.74       | -13.0       | -19.74          | Vertical | Pass    |
| 3652.500        | -50.23       | -13.0       | -37.23          | Vertical | Pass    |
| 5550.000        | -29.40       | -13.0       | -16.40          | Vertical | Pass    |
| 11915.000       | -33.34       | -13.0       | -20.34          | Vertical | Pass    |
| 15380.000       | -28.55       | -13.0       | -15.55          | Vertical | Pass    |



## Band 25\_1.4M\_1#0\_QPSK\_Mid\_Horizontal

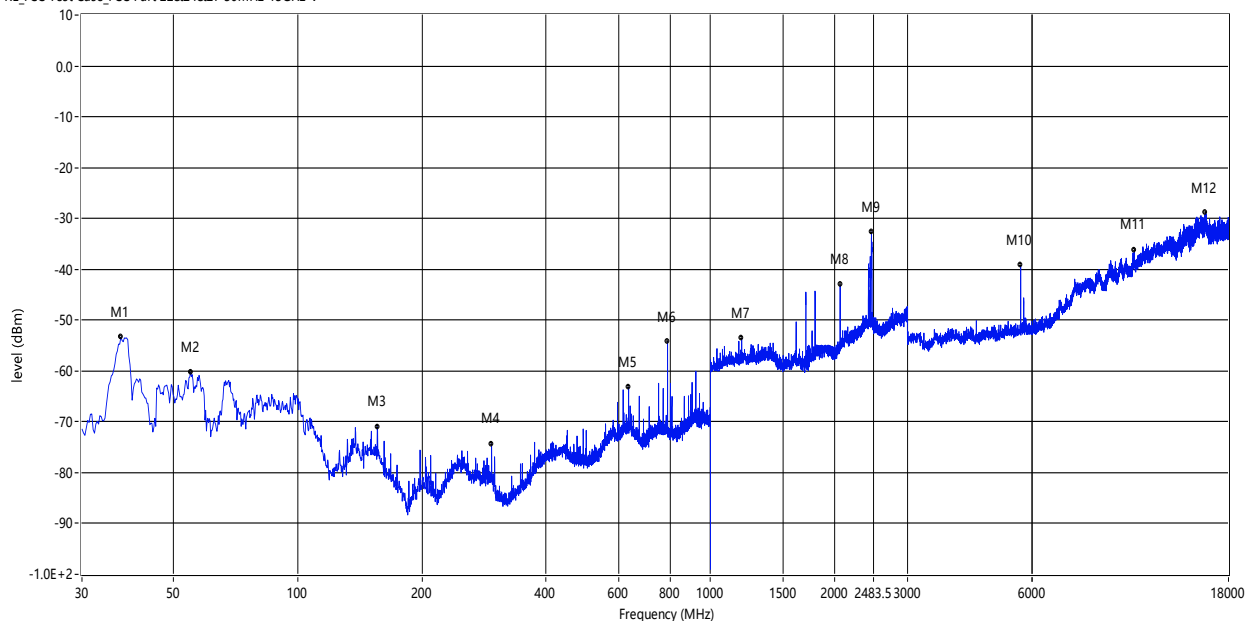
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -57.24       | -13.0       | -44.24          | Horizontal | Pass    |
| 78.015          | -65.39       | -13.0       | -52.39          | Horizontal | Pass    |
| 155.858         | -70.39       | -13.0       | -57.39          | Horizontal | Pass    |
| 480.080         | -67.30       | -13.0       | -54.30          | Horizontal | Pass    |
| 595.268         | -59.83       | -13.0       | -46.83          | Horizontal | Pass    |
| 864.200         | -60.04       | -13.0       | -47.04          | Horizontal | Pass    |
| 1056.500        | -55.48       | -13.0       | -42.48          | Horizontal | Pass    |
| 2459.000        | -35.76       | -13.0       | -22.76          | Horizontal | Pass    |
| 3830.000        | -51.35       | -13.0       | -38.35          | Horizontal | Pass    |
| 5645.000        | -33.55       | -13.0       | -20.55          | Horizontal | Pass    |
| 12525.000       | -32.66       | -13.0       | -19.66          | Horizontal | Pass    |
| 15841.250       | -28.70       | -13.0       | -15.70          | Horizontal | Pass    |

# Band 25\_1.4M\_1#0\_QPSK\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

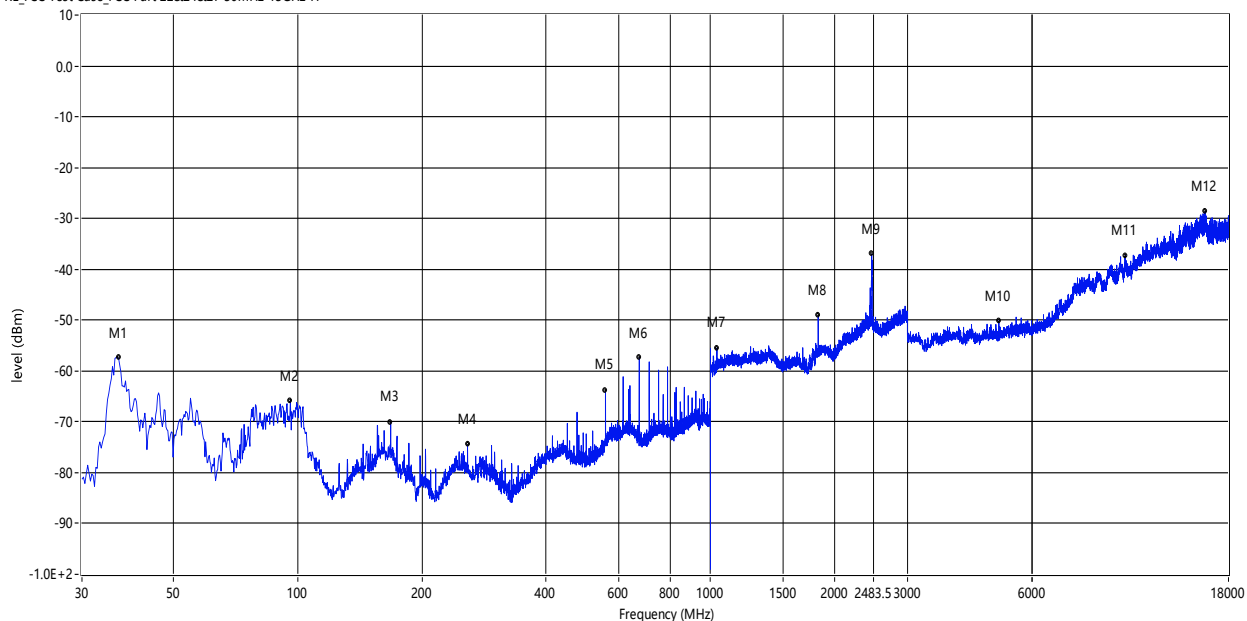


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.275          | -53.36       | -13.0       | -40.36          | Vertical | Pass    |
| 54.977          | -60.27       | -13.0       | -47.27          | Vertical | Pass    |
| 155.858         | -70.95       | -13.0       | -57.95          | Vertical | Pass    |
| 294.810         | -74.32       | -13.0       | -61.32          | Vertical | Pass    |
| 633.583         | -63.14       | -13.0       | -50.14          | Vertical | Pass    |
| 787.327         | -54.24       | -13.0       | -41.24          | Vertical | Pass    |
| 1190.500        | -53.58       | -13.0       | -40.58          | Vertical | Pass    |
| 2061.500        | -43.09       | -13.0       | -30.09          | Vertical | Pass    |
| 2455.500        | -32.73       | -13.0       | -19.73          | Vertical | Pass    |
| 5645.000        | -39.23       | -13.0       | -26.23          | Vertical | Pass    |
| 10655.000       | -36.18       | -13.0       | -23.18          | Vertical | Pass    |
| 15845.000       | -28.85       | -13.0       | -15.85          | Vertical | Pass    |



## Band 25\_1.4M\_1#5\_QPSK\_High\_Horizontal

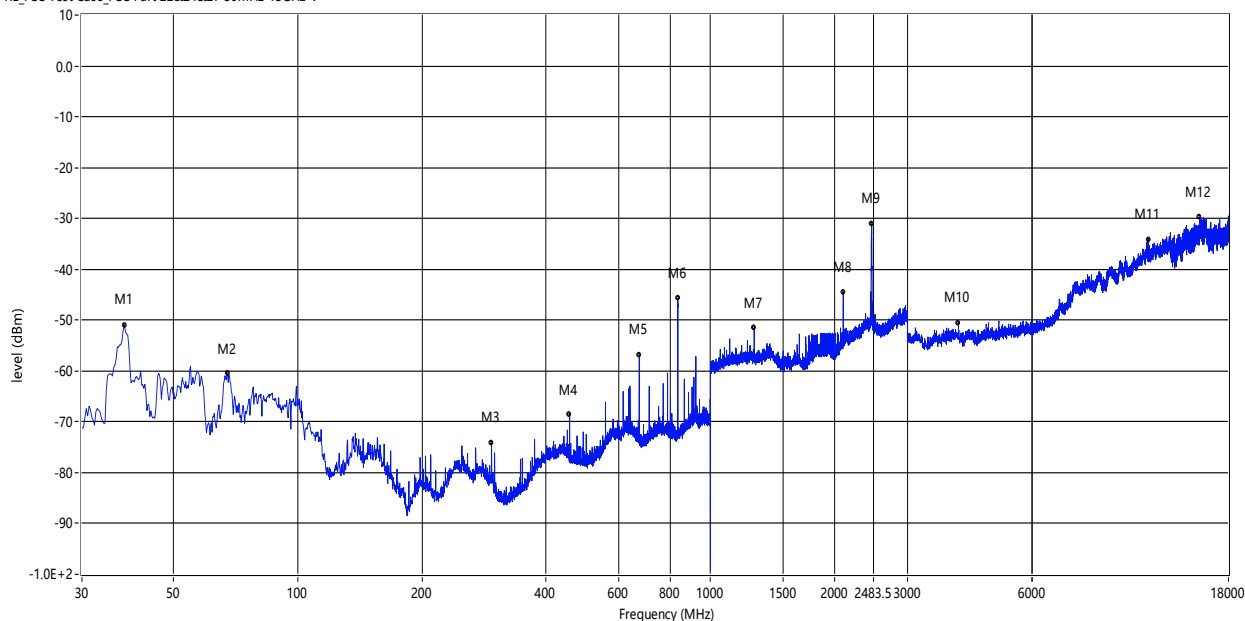
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -57.45       | -13.0       | -44.45          | Horizontal | Pass    |
| 95.960          | -65.81       | -13.0       | -52.81          | Horizontal | Pass    |
| 167.982         | -70.04       | -13.0       | -57.04          | Horizontal | Pass    |
| 257.950         | -74.51       | -13.0       | -61.51          | Horizontal | Pass    |
| 556.953         | -63.76       | -13.0       | -50.76          | Horizontal | Pass    |
| 672.140         | -57.32       | -13.0       | -44.32          | Horizontal | Pass    |
| 1037.000        | -55.48       | -13.0       | -42.48          | Horizontal | Pass    |
| 1824.000        | -49.11       | -13.0       | -36.11          | Horizontal | Pass    |
| 2459.000        | -37.03       | -13.0       | -24.03          | Horizontal | Pass    |
| 5000.000        | -50.12       | -13.0       | -37.12          | Horizontal | Pass    |
| 10127.500       | -37.26       | -13.0       | -24.26          | Horizontal | Pass    |
| 15787.500       | -28.70       | -13.0       | -15.70          | Horizontal | Pass    |

# Band 25\_1.4M\_1#5\_QPSK\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

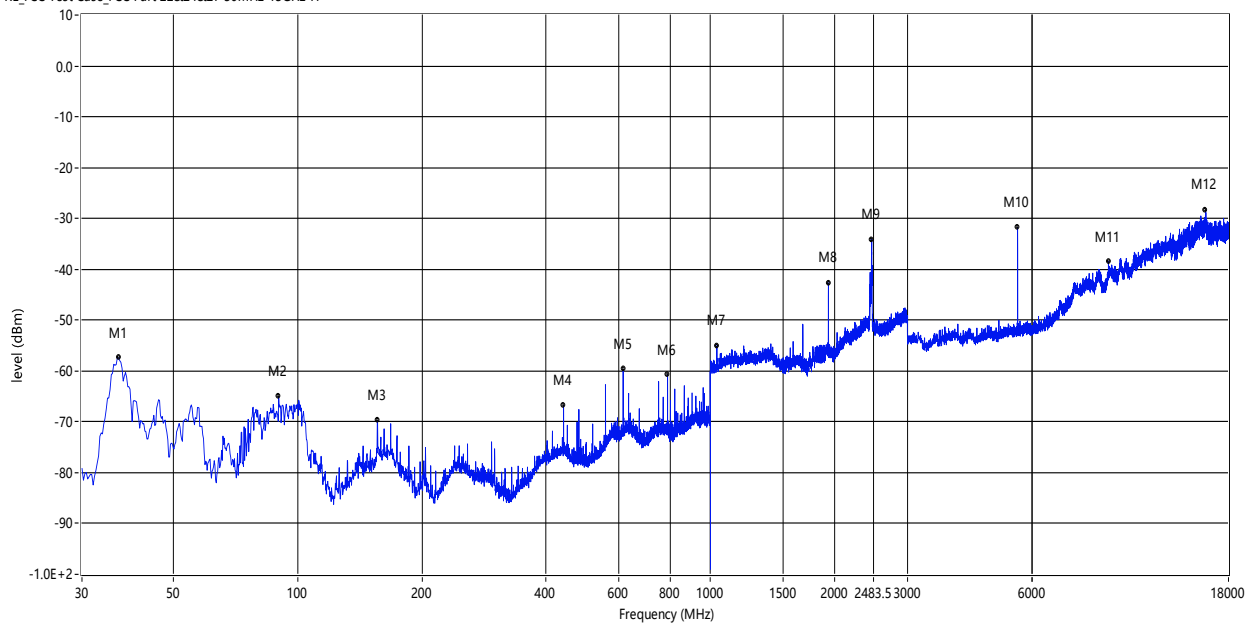


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -50.99       | -13.0       | -37.99          | Vertical | Pass    |
| 67.588          | -60.58       | -13.0       | -47.58          | Vertical | Pass    |
| 294.810         | -74.13       | -13.0       | -61.13          | Vertical | Pass    |
| 455.830         | -68.62       | -13.0       | -55.62          | Vertical | Pass    |
| 672.140         | -56.80       | -13.0       | -43.80          | Vertical | Pass    |
| 833.645         | -45.76       | -13.0       | -32.76          | Vertical | Pass    |
| 1277.000        | -51.49       | -13.0       | -38.49          | Vertical | Pass    |
| 2097.500        | -44.51       | -13.0       | -31.51          | Vertical | Pass    |
| 2458.500        | -31.03       | -13.0       | -18.03          | Vertical | Pass    |
| 3990.000        | -50.54       | -13.0       | -37.54          | Vertical | Pass    |
| 11505.000       | -34.15       | -13.0       | -21.15          | Vertical | Pass    |
| 15335.000       | -29.84       | -13.0       | -16.84          | Vertical | Pass    |



## Band 25\_1.4M\_1#0\_16QAM\_Low\_Horizontal

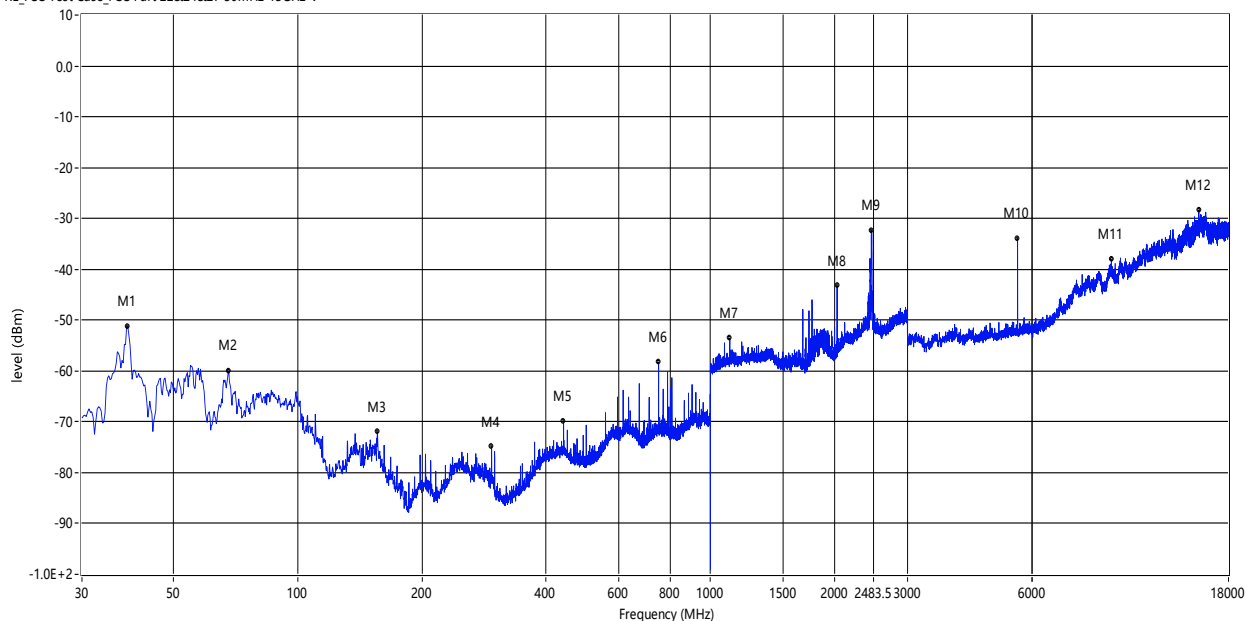
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -57.42       | -13.0       | -44.42          | Horizontal | Pass    |
| 89.897          | -65.04       | -13.0       | -52.04          | Horizontal | Pass    |
| 155.858         | -69.77       | -13.0       | -56.77          | Horizontal | Pass    |
| 440.552         | -66.78       | -13.0       | -53.78          | Horizontal | Pass    |
| 614.425         | -59.63       | -13.0       | -46.63          | Horizontal | Pass    |
| 787.327         | -60.67       | -13.0       | -47.67          | Horizontal | Pass    |
| 1036.500        | -55.02       | -13.0       | -42.02          | Horizontal | Pass    |
| 1931.000        | -42.66       | -13.0       | -29.66          | Horizontal | Pass    |
| 2459.000        | -34.13       | -13.0       | -21.13          | Horizontal | Pass    |
| 5550.000        | -31.75       | -13.0       | -18.75          | Horizontal | Pass    |
| 9212.500        | -38.44       | -13.0       | -25.44          | Horizontal | Pass    |
| 15832.500       | -28.33       | -13.0       | -15.33          | Horizontal | Pass    |

# Band 25\_1.4M\_1#0\_16QAM\_Low\_Vertical

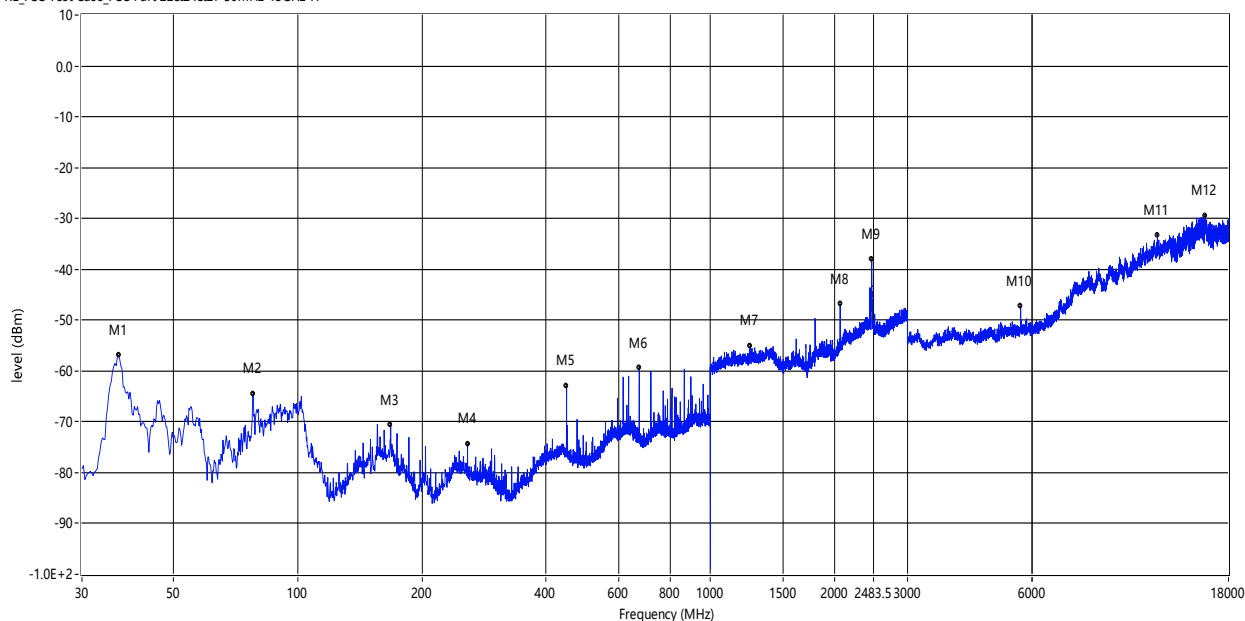
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.730          | -51.22       | -13.0       | -38.22          | Vertical | Pass    |
| 68.073          | -59.96       | -13.0       | -46.96          | Vertical | Pass    |
| 155.858         | -71.97       | -13.0       | -58.97          | Vertical | Pass    |
| 294.810         | -74.93       | -13.0       | -61.93          | Vertical | Pass    |
| 440.795         | -69.96       | -13.0       | -56.96          | Vertical | Pass    |
| 748.770         | -58.29       | -13.0       | -45.29          | Vertical | Pass    |
| 1114.000        | -53.64       | -13.0       | -40.64          | Vertical | Pass    |
| 2027.000        | -43.22       | -13.0       | -30.22          | Vertical | Pass    |
| 2453.500        | -32.32       | -13.0       | -19.32          | Vertical | Pass    |
| 5550.000        | -33.93       | -13.0       | -20.93          | Vertical | Pass    |
| 9365.000        | -38.13       | -13.0       | -25.13          | Vertical | Pass    |
| 15257.500       | -28.42       | -13.0       | -15.42          | Vertical | Pass    |

# Band 25\_1.4M\_1#0\_16QAM\_Mid\_Horizontal

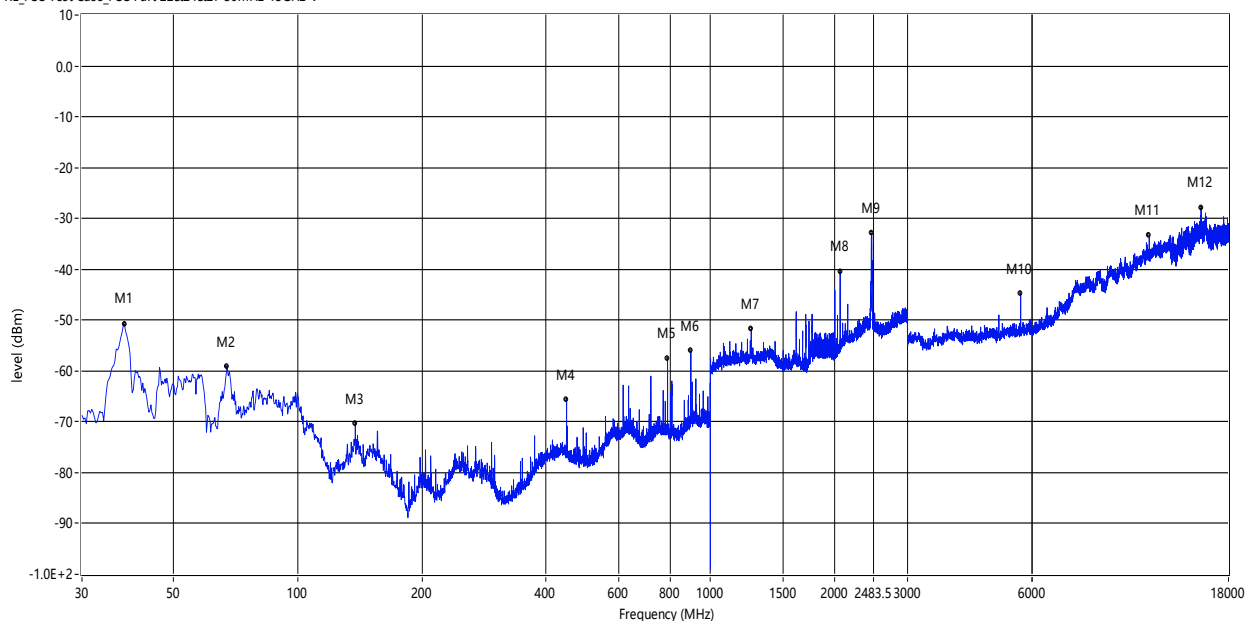
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -56.99       | -13.0       | -43.99          | Horizontal | Pass    |
| 78.015          | -64.46       | -13.0       | -51.46          | Horizontal | Pass    |
| 167.982         | -70.68       | -13.0       | -57.68          | Horizontal | Pass    |
| 257.950         | -74.36       | -13.0       | -61.36          | Horizontal | Pass    |
| 448.313         | -62.94       | -13.0       | -49.94          | Horizontal | Pass    |
| 672.140         | -59.40       | -13.0       | -46.40          | Horizontal | Pass    |
| 1249.000        | -55.01       | -13.0       | -42.01          | Horizontal | Pass    |
| 2061.500        | -46.90       | -13.0       | -33.90          | Horizontal | Pass    |
| 2459.000        | -38.03       | -13.0       | -25.03          | Horizontal | Pass    |
| 5645.000        | -47.33       | -13.0       | -34.33          | Horizontal | Pass    |
| 12112.500       | -33.31       | -13.0       | -20.31          | Horizontal | Pass    |
| 15772.500       | -29.42       | -13.0       | -16.42          | Horizontal | Pass    |

# Band 25\_1.4M\_1#0\_16QAM\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

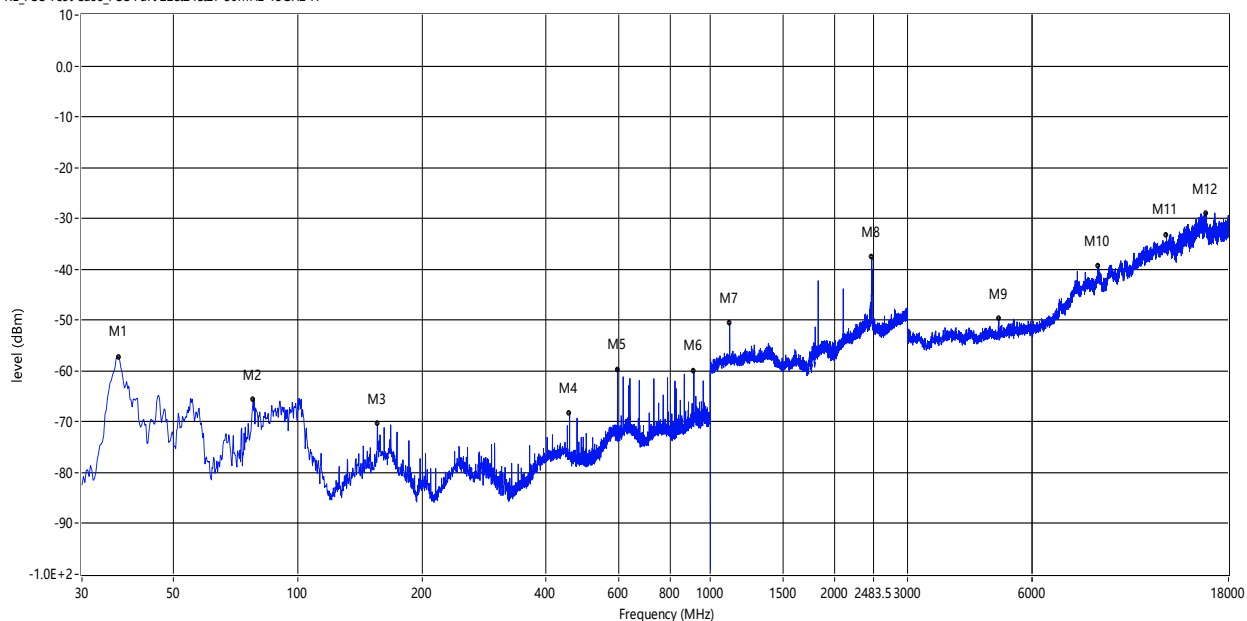


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -50.77       | -13.0       | -37.77          | Vertical | Pass    |
| 67.345          | -59.10       | -13.0       | -46.10          | Vertical | Pass    |
| 137.913         | -70.39       | -13.0       | -57.39          | Vertical | Pass    |
| 448.313         | -65.68       | -13.0       | -52.68          | Vertical | Pass    |
| 787.327         | -57.48       | -13.0       | -44.48          | Vertical | Pass    |
| 896.695         | -56.04       | -13.0       | -43.04          | Vertical | Pass    |
| 1256.000        | -51.77       | -13.0       | -38.77          | Vertical | Pass    |
| 2061.500        | -40.44       | -13.0       | -27.44          | Vertical | Pass    |
| 2459.000        | -32.88       | -13.0       | -19.88          | Vertical | Pass    |
| 5645.000        | -44.86       | -13.0       | -31.86          | Vertical | Pass    |
| 11565.000       | -33.43       | -13.0       | -20.43          | Vertical | Pass    |
| 15447.500       | -27.87       | -13.0       | -14.87          | Vertical | Pass    |



## Band 25\_1.4M\_1#5\_16QAM\_High\_Horizontal

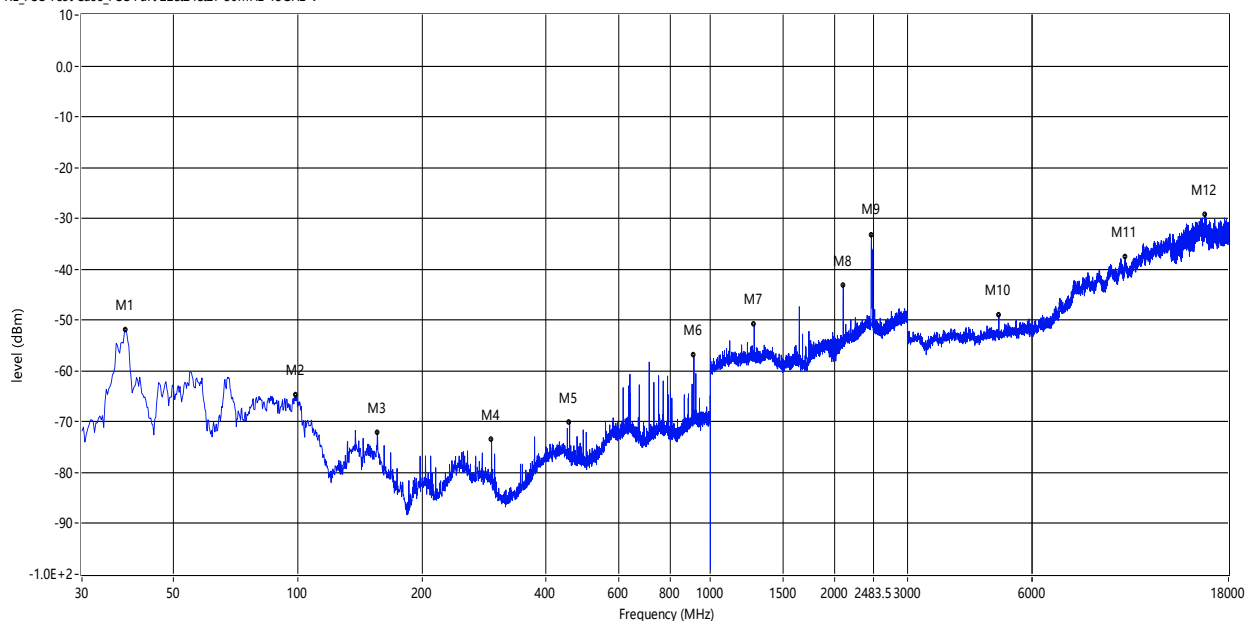
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 36.790          | -57.28       | -13.0       | -44.28          | Horizontal | Pass    |
| 78.015          | -65.54       | -13.0       | -52.54          | Horizontal | Pass    |
| 155.858         | -70.43       | -13.0       | -57.43          | Horizontal | Pass    |
| 455.830         | -68.31       | -13.0       | -55.31          | Horizontal | Pass    |
| 595.268         | -59.71       | -13.0       | -46.71          | Horizontal | Pass    |
| 911.730         | -59.93       | -13.0       | -46.93          | Horizontal | Pass    |
| 1113.500        | -50.62       | -13.0       | -37.62          | Horizontal | Pass    |
| 2459.500        | -37.66       | -13.0       | -24.66          | Horizontal | Pass    |
| 5000.000        | -49.72       | -13.0       | -36.72          | Horizontal | Pass    |
| 8707.500        | -39.50       | -13.0       | -26.50          | Horizontal | Pass    |
| 12740.000       | -33.25       | -13.0       | -20.25          | Horizontal | Pass    |
| 15860.000       | -29.17       | -13.0       | -16.17          | Horizontal | Pass    |

# Band 25\_1.4M\_1#5\_16QAM\_High\_Vertical

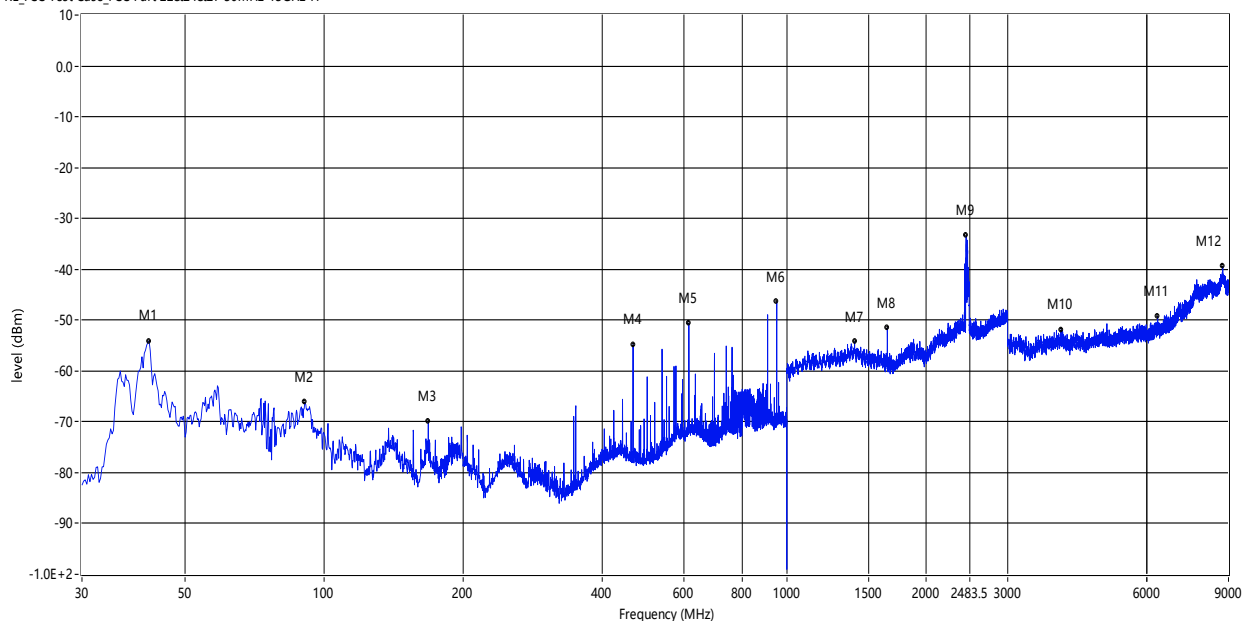
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | PK Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|----------------|-----------------|----------|---------|
| 38.245          | -51.94       | -13.0          | -38.94          | Vertical | Pass    |
| 98.870          | -64.83       | -13.0          | -51.83          | Vertical | Pass    |
| 155.858         | -72.13       | -13.0          | -59.13          | Vertical | Pass    |
| 294.810         | -73.57       | -13.0          | -60.57          | Vertical | Pass    |
| 455.830         | -70.10       | -13.0          | -57.10          | Vertical | Pass    |
| 911.730         | -56.99       | -13.0          | -43.99          | Vertical | Pass    |
| 1276.500        | -50.86       | -13.0          | -37.86          | Vertical | Pass    |
| 2006.000        | -37.58       | -13.0          | -24.58          | Vertical | Pass    |
| 2454.000        | -33.28       | -13.0          | -20.28          | Vertical | Pass    |
| 5000.000        | -49.02       | -13.0          | -36.02          | Vertical | Pass    |
| 10107.500       | -37.62       | -13.0          | -24.62          | Vertical | Pass    |
| 15827.500       | -29.29       | -13.0          | -16.29          | Vertical | Pass    |

## Part 22\_Band 26\_1.4M\_1#0\_QPSK\_Low\_Horizontal

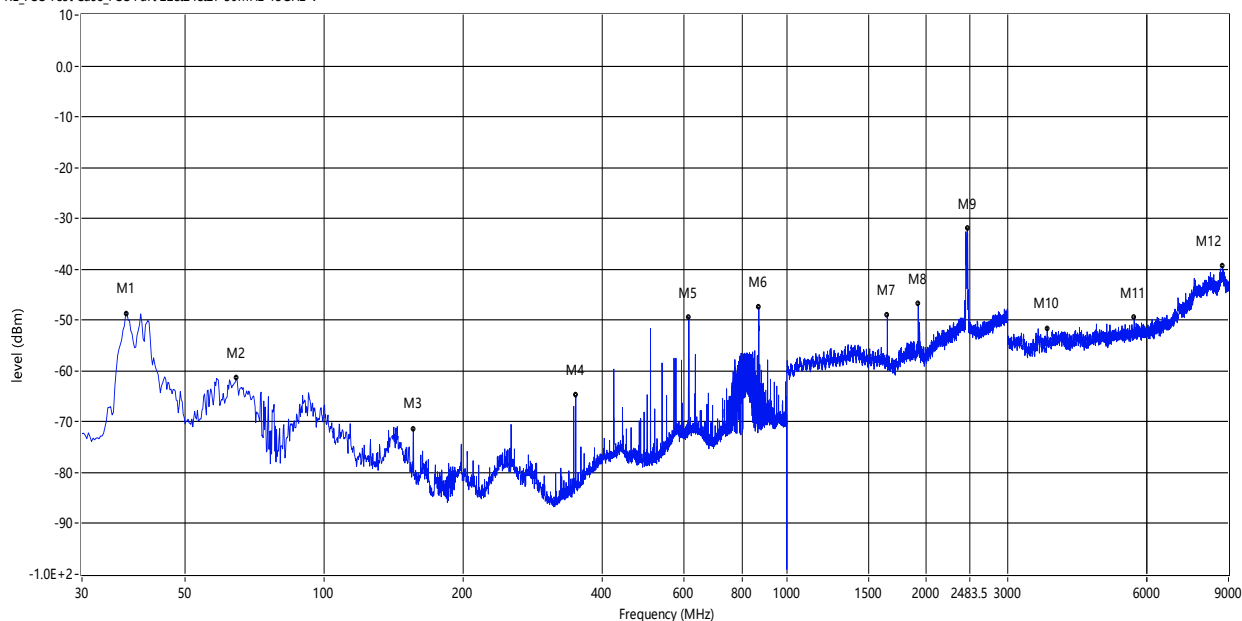
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.883          | -54.10       | -13.0       | -41.10          | Horizontal | Pass    |
| 90.868          | -66.15       | -13.0       | -53.15          | Horizontal | Pass    |
| 167.982         | -70.01       | -13.0       | -57.01          | Horizontal | Pass    |
| 465.288         | -54.82       | -13.0       | -41.82          | Horizontal | Pass    |
| 614.425         | -50.58       | -13.0       | -37.58          | Horizontal | Pass    |
| 951.258         | -46.37       | -13.0       | -33.37          | Horizontal | Pass    |
| 1401.500        | -54.25       | -13.0       | -41.25          | Horizontal | Pass    |
| 1648.500        | -51.54       | -13.0       | -38.54          | Horizontal | Pass    |
| 2439.500        | -33.43       | -13.0       | -20.43          | Horizontal | Pass    |
| 3915.000        | -51.88       | -13.0       | -38.88          | Horizontal | Pass    |
| 6328.500        | -49.25       | -13.0       | -36.25          | Horizontal | Pass    |
| 8748.000        | -39.43       | -13.0       | -26.43          | Horizontal | Pass    |

# Part 22\_Band 26\_1.4M\_1#0\_QPSK\_Low\_Vertical

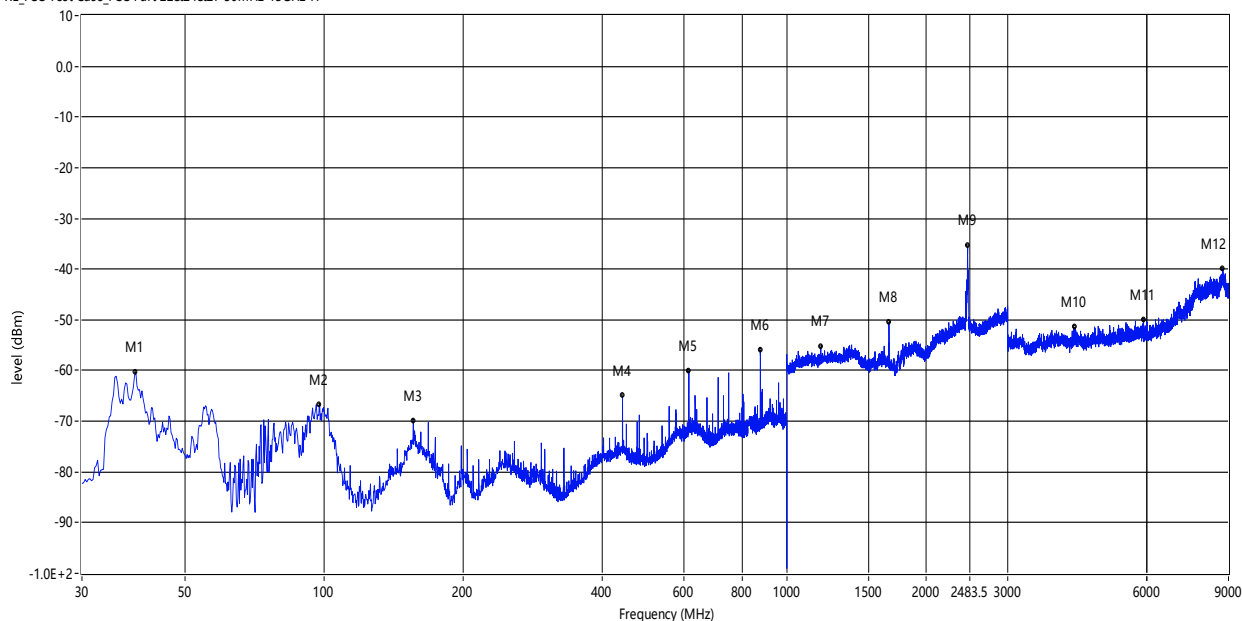
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -48.72       | -13.0       | -35.72          | Vertical | Pass    |
| 64.677          | -61.45       | -13.0       | -48.45          | Vertical | Pass    |
| 155.858         | -71.50       | -13.0       | -58.50          | Vertical | Pass    |
| 350.100         | -64.84       | -13.0       | -51.84          | Vertical | Pass    |
| 614.425         | -49.47       | -13.0       | -36.47          | Vertical | Pass    |
| 870.020         | -47.50       | -13.0       | -34.50          | Vertical | Pass    |
| 1648.500        | -49.06       | -13.0       | -36.06          | Vertical | Pass    |
| 1922.500        | -46.87       | -13.0       | -33.87          | Vertical | Pass    |
| 2456.000        | -32.00       | -13.0       | -19.00          | Vertical | Pass    |
| 3652.500        | -51.65       | -13.0       | -38.65          | Vertical | Pass    |
| 5629.500        | -49.53       | -13.0       | -36.53          | Vertical | Pass    |
| 8743.500        | -39.48       | -13.0       | -26.48          | Vertical | Pass    |

## Part 22\_Band 26\_1.4M\_1#0\_QPSK\_Mid\_Horizontal

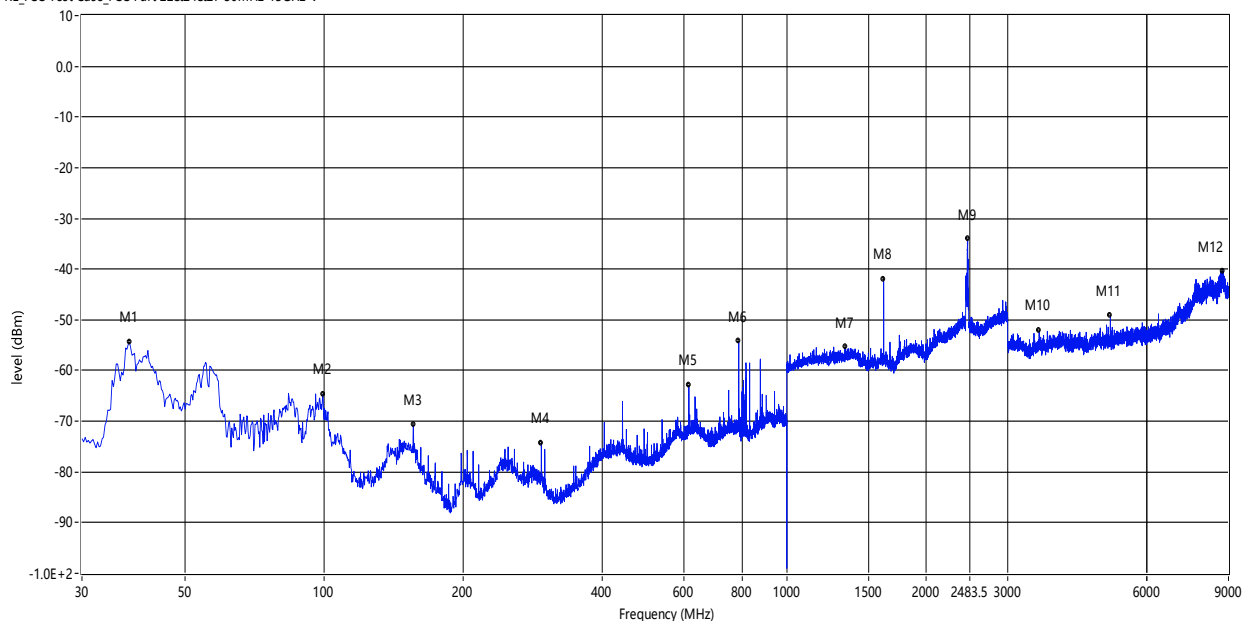
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.215          | -60.34       | -13.0       | -47.34          | Horizontal | Pass    |
| 97.900          | -66.72       | -13.0       | -53.72          | Horizontal | Pass    |
| 155.858         | -69.91       | -13.0       | -56.91          | Horizontal | Pass    |
| 441.522         | -65.05       | -13.0       | -52.05          | Horizontal | Pass    |
| 614.425         | -60.01       | -13.0       | -47.01          | Horizontal | Pass    |
| 877.052         | -55.92       | -13.0       | -42.92          | Horizontal | Pass    |
| 1184.500        | -55.35       | -13.0       | -42.35          | Horizontal | Pass    |
| 1662.000        | -50.56       | -13.0       | -37.56          | Horizontal | Pass    |
| 2458.500        | -35.43       | -13.0       | -22.43          | Horizontal | Pass    |
| 4194.000        | -51.47       | -13.0       | -38.47          | Horizontal | Pass    |
| 5898.000        | -49.96       | -13.0       | -36.96          | Horizontal | Pass    |
| 8755.500        | -39.90       | -13.0       | -26.90          | Horizontal | Pass    |

# Part 22\_Band 26\_1.4M\_1#0\_QPSK\_Mid\_Vertical

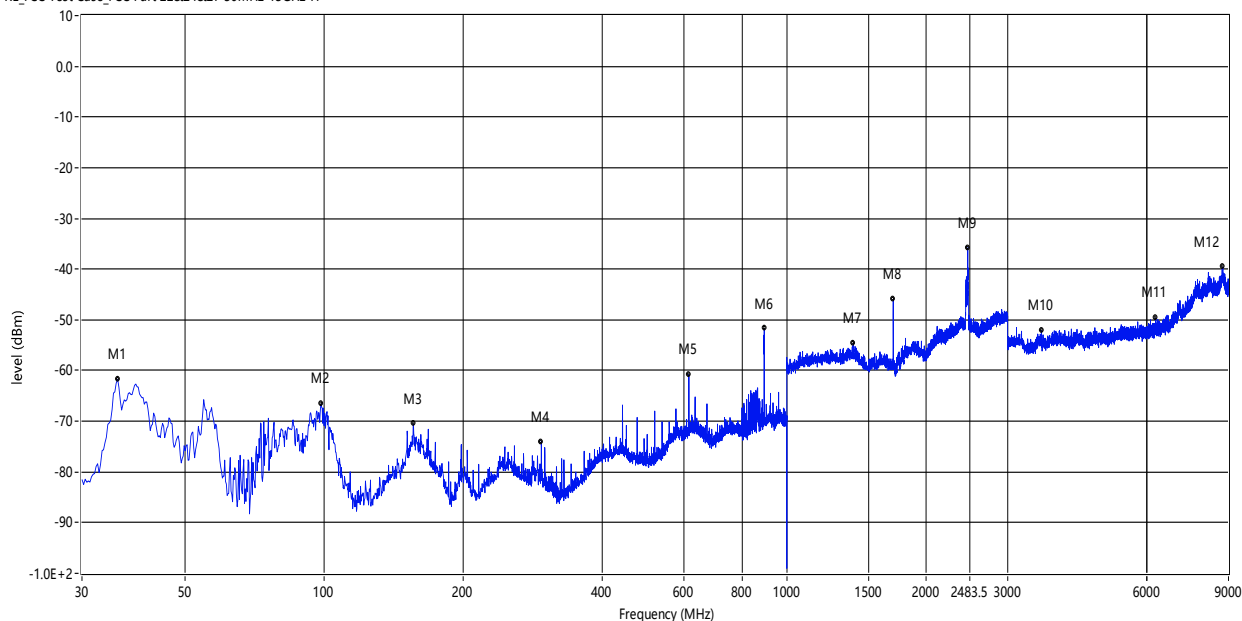
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -54.42       | -13.0       | -41.42          | Vertical | Pass    |
| 99.355          | -64.76       | -13.0       | -51.76          | Vertical | Pass    |
| 155.858         | -70.75       | -13.0       | -57.75          | Vertical | Pass    |
| 294.810         | -74.23       | -13.0       | -61.23          | Vertical | Pass    |
| 614.425         | -62.91       | -13.0       | -49.91          | Vertical | Pass    |
| 787.327         | -54.23       | -13.0       | -41.23          | Vertical | Pass    |
| 1339.500        | -55.40       | -13.0       | -42.40          | Vertical | Pass    |
| 1619.000        | -41.92       | -13.0       | -28.92          | Vertical | Pass    |
| 2456.500        | -34.11       | -13.0       | -21.11          | Vertical | Pass    |
| 3508.500        | -52.16       | -13.0       | -39.16          | Vertical | Pass    |
| 4999.500        | -49.21       | -13.0       | -36.21          | Vertical | Pass    |
| 8740.500        | -40.31       | -13.0       | -27.31          | Vertical | Pass    |

# Part 22\_Band 26\_1.4M\_1#5\_QPSK\_High\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

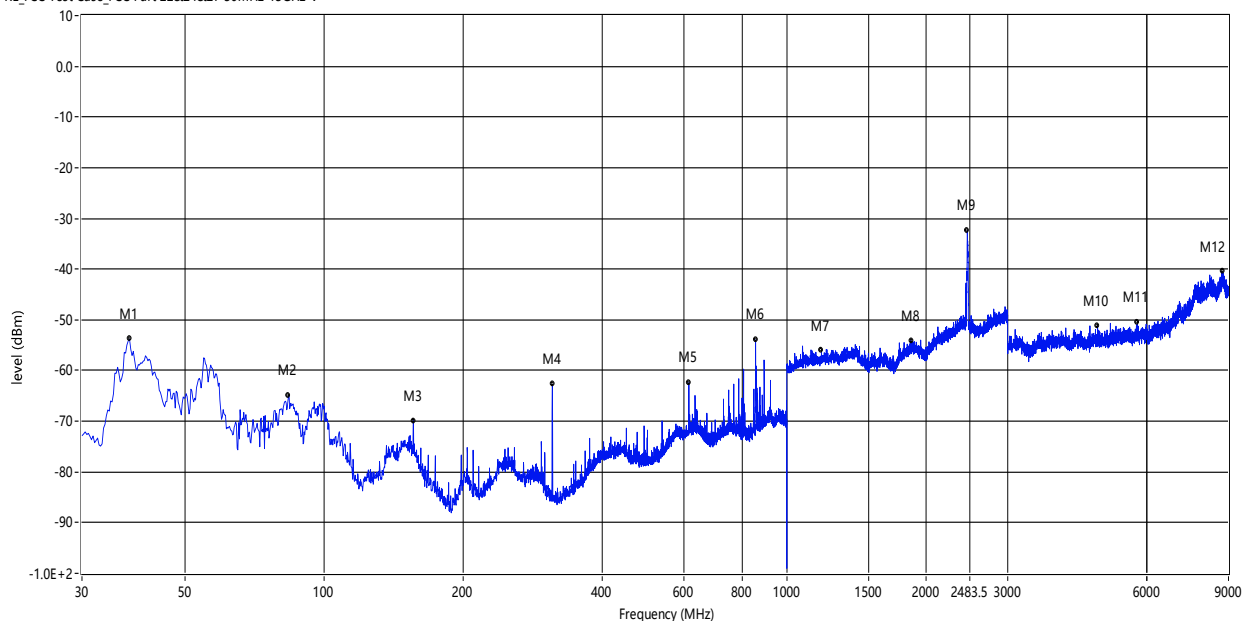


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.820          | -61.74       | -13.0       | -48.74          | Horizontal | Pass    |
| 98.628          | -66.58       | -13.0       | -53.58          | Horizontal | Pass    |
| 155.858         | -70.52       | -13.0       | -57.52          | Horizontal | Pass    |
| 294.810         | -73.99       | -13.0       | -60.99          | Horizontal | Pass    |
| 614.425         | -60.78       | -13.0       | -47.78          | Horizontal | Pass    |
| 893.785         | -51.75       | -13.0       | -38.75          | Horizontal | Pass    |
| 1391.000        | -54.66       | -13.0       | -41.66          | Horizontal | Pass    |
| 1697.500        | -45.93       | -13.0       | -32.93          | Horizontal | Pass    |
| 2459.500        | -35.79       | -13.0       | -22.79          | Horizontal | Pass    |
| 3549.000        | -52.13       | -13.0       | -39.13          | Horizontal | Pass    |
| 6268.500        | -49.60       | -13.0       | -36.60          | Horizontal | Pass    |
| 8749.500        | -39.60       | -13.0       | -26.60          | Horizontal | Pass    |



## Part 22\_Band 26\_1.4M\_1#5\_QPSK\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

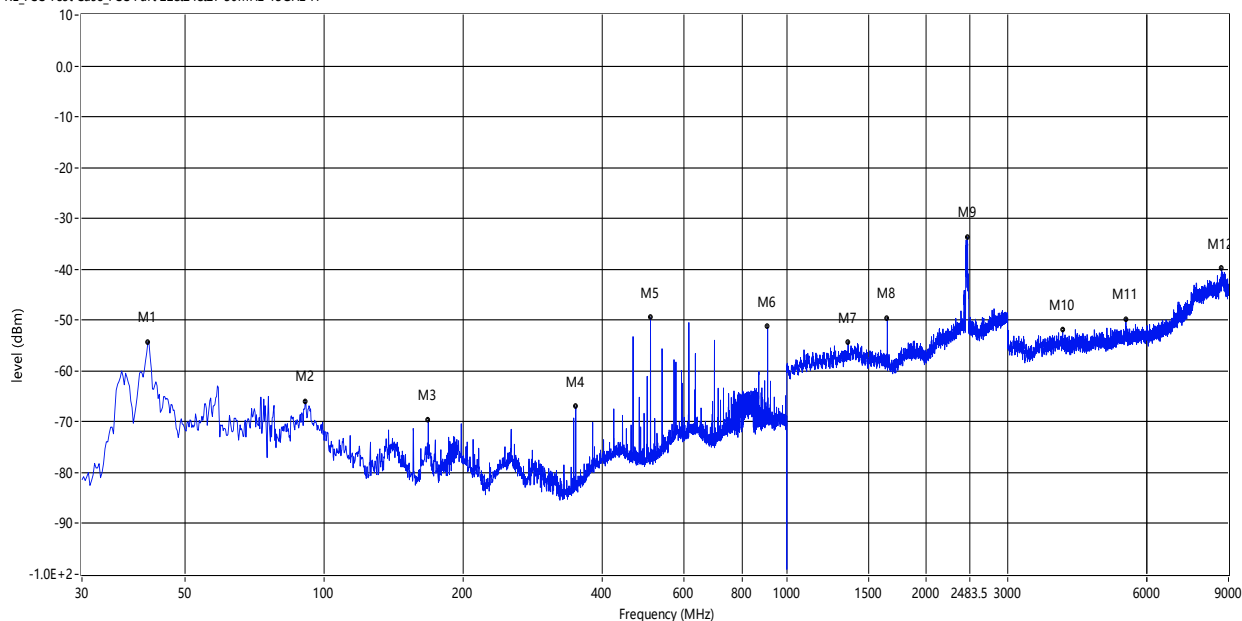


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -53.81       | -13.0       | -40.81          | Vertical | Pass    |
| 83.835          | -64.98       | -13.0       | -51.98          | Vertical | Pass    |
| 156.100         | -69.87       | -13.0       | -56.87          | Vertical | Pass    |
| 311.542         | -62.72       | -13.0       | -49.72          | Vertical | Pass    |
| 614.425         | -62.40       | -13.0       | -49.40          | Vertical | Pass    |
| 856.198         | -53.97       | -13.0       | -40.97          | Vertical | Pass    |
| 1188.000        | -55.93       | -13.0       | -42.93          | Vertical | Pass    |
| 1855.000        | -54.10       | -13.0       | -41.10          | Vertical | Pass    |
| 2453.500        | -32.44       | -13.0       | -19.44          | Vertical | Pass    |
| 4693.500        | -51.16       | -13.0       | -38.16          | Vertical | Pass    |
| 5724.000        | -50.40       | -13.0       | -37.40          | Vertical | Pass    |
| 8736.000        | -40.51       | -13.0       | -27.51          | Vertical | Pass    |



## Part 22\_Band 26\_1.4M\_1#0\_16QAM\_Low\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

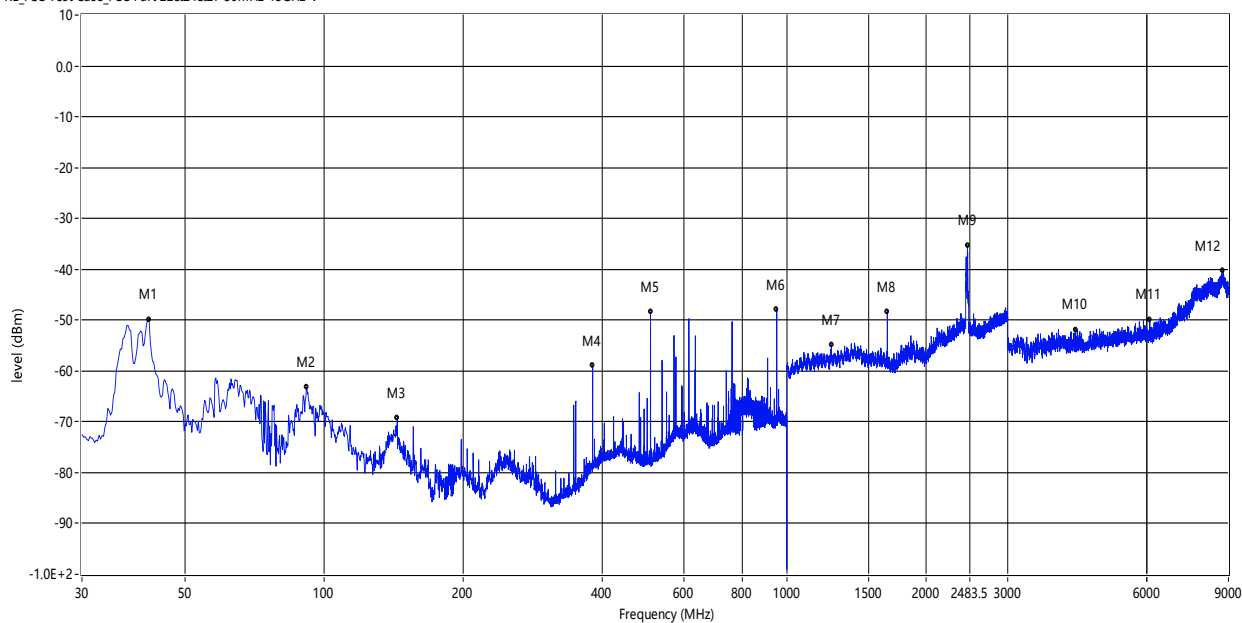


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.640          | -54.32       | -13.0       | -41.32          | Horizontal | Pass    |
| 91.110          | -66.04       | -13.0       | -53.04          | Horizontal | Pass    |
| 167.982         | -69.79       | -13.0       | -56.79          | Horizontal | Pass    |
| 350.100         | -67.05       | -13.0       | -54.05          | Horizontal | Pass    |
| 507.483         | -49.54       | -13.0       | -36.54          | Horizontal | Pass    |
| 909.063         | -51.34       | -13.0       | -38.34          | Horizontal | Pass    |
| 1356.500        | -54.38       | -13.0       | -41.38          | Horizontal | Pass    |
| 1648.500        | -49.62       | -13.0       | -36.62          | Horizontal | Pass    |
| 2456.000        | -33.68       | -13.0       | -20.68          | Horizontal | Pass    |
| 3945.000        | -52.02       | -13.0       | -39.02          | Horizontal | Pass    |
| 5403.000        | -49.87       | -13.0       | -36.87          | Horizontal | Pass    |
| 8701.500        | -39.91       | -13.0       | -26.91          | Horizontal | Pass    |



## Part 22\_Band 26\_1.4M\_1#0\_16QAM\_Low\_Vertical

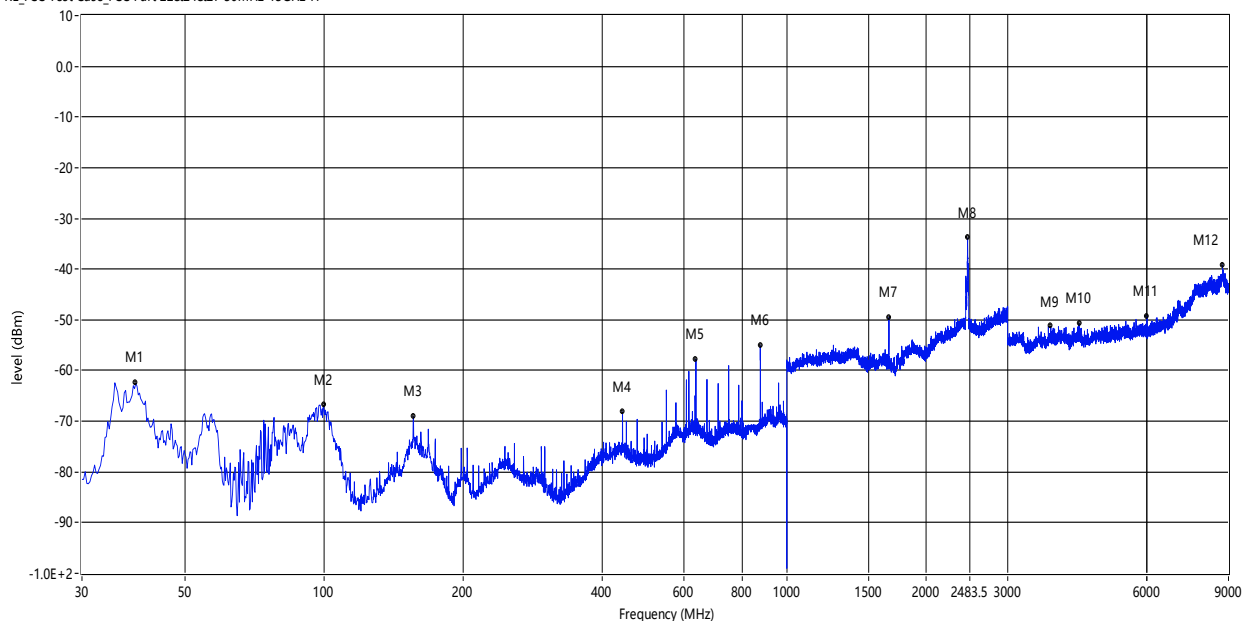
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 41.883          | -49.97       | -13.0       | -36.97          | Vertical | Pass    |
| 91.838          | -63.24       | -13.0       | -50.24          | Vertical | Pass    |
| 143.975         | -69.21       | -13.0       | -56.21          | Vertical | Pass    |
| 380.655         | -58.87       | -13.0       | -45.87          | Vertical | Pass    |
| 507.483         | -48.43       | -13.0       | -35.43          | Vertical | Pass    |
| 951.258         | -47.92       | -13.0       | -34.92          | Vertical | Pass    |
| 1248.500        | -54.85       | -13.0       | -41.85          | Vertical | Pass    |
| 1649.000        | -48.36       | -13.0       | -35.36          | Vertical | Pass    |
| 2455.500        | -35.43       | -13.0       | -22.43          | Vertical | Pass    |
| 4206.000        | -51.85       | -13.0       | -38.85          | Vertical | Pass    |
| 6084.000        | -49.87       | -13.0       | -36.87          | Vertical | Pass    |
| 8731.500        | -40.33       | -13.0       | -27.33          | Vertical | Pass    |

# Part 22\_Band 26\_1.4M\_1#0\_16QAM\_Mid\_Horizontal

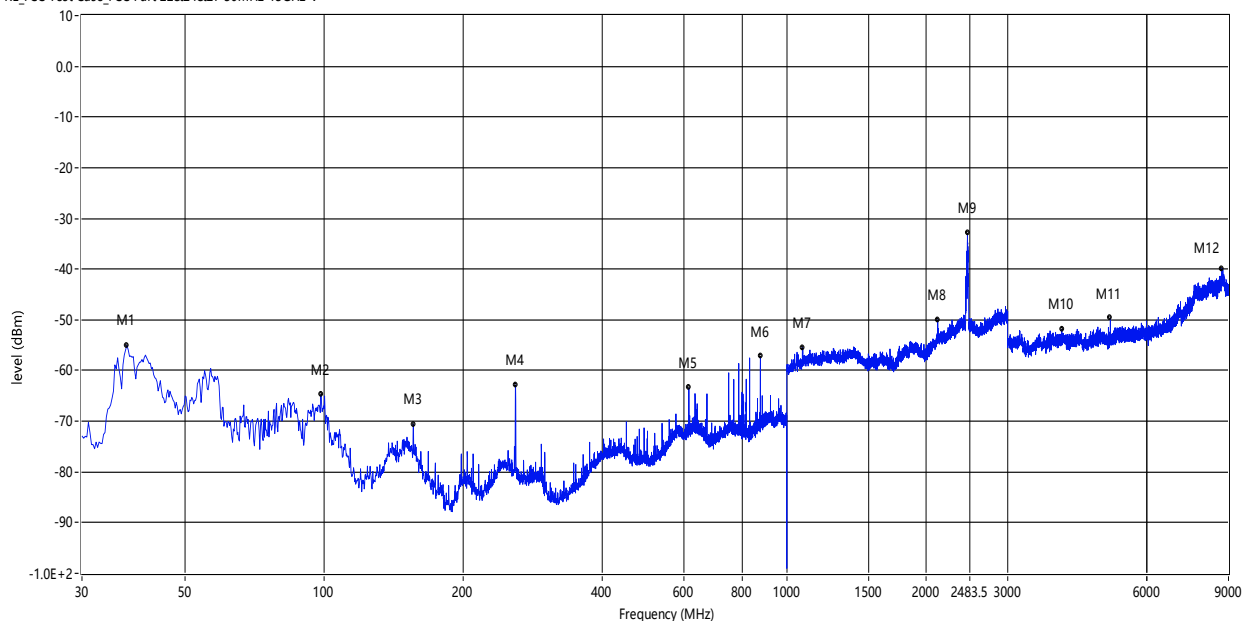
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.215          | -62.52       | -13.0       | -49.52          | Horizontal | Pass    |
| 99.840          | -66.86       | -13.0       | -53.86          | Horizontal | Pass    |
| 156.100         | -69.10       | -13.0       | -56.10          | Horizontal | Pass    |
| 441.765         | -68.15       | -13.0       | -55.15          | Horizontal | Pass    |
| 636.250         | -57.75       | -13.0       | -44.75          | Horizontal | Pass    |
| 876.325         | -55.12       | -13.0       | -42.12          | Horizontal | Pass    |
| 1662.000        | -49.55       | -13.0       | -36.55          | Horizontal | Pass    |
| 2458.500        | -33.86       | -13.0       | -20.86          | Horizontal | Pass    |
| 3718.500        | -51.27       | -13.0       | -38.27          | Horizontal | Pass    |
| 4290.000        | -50.74       | -13.0       | -37.74          | Horizontal | Pass    |
| 6000.000        | -49.25       | -13.0       | -36.25          | Horizontal | Pass    |
| 8734.500        | -39.19       | -13.0       | -26.19          | Horizontal | Pass    |

## Part 22\_Band 26\_1.4M\_1#0\_16QAM\_Mid\_Vertical

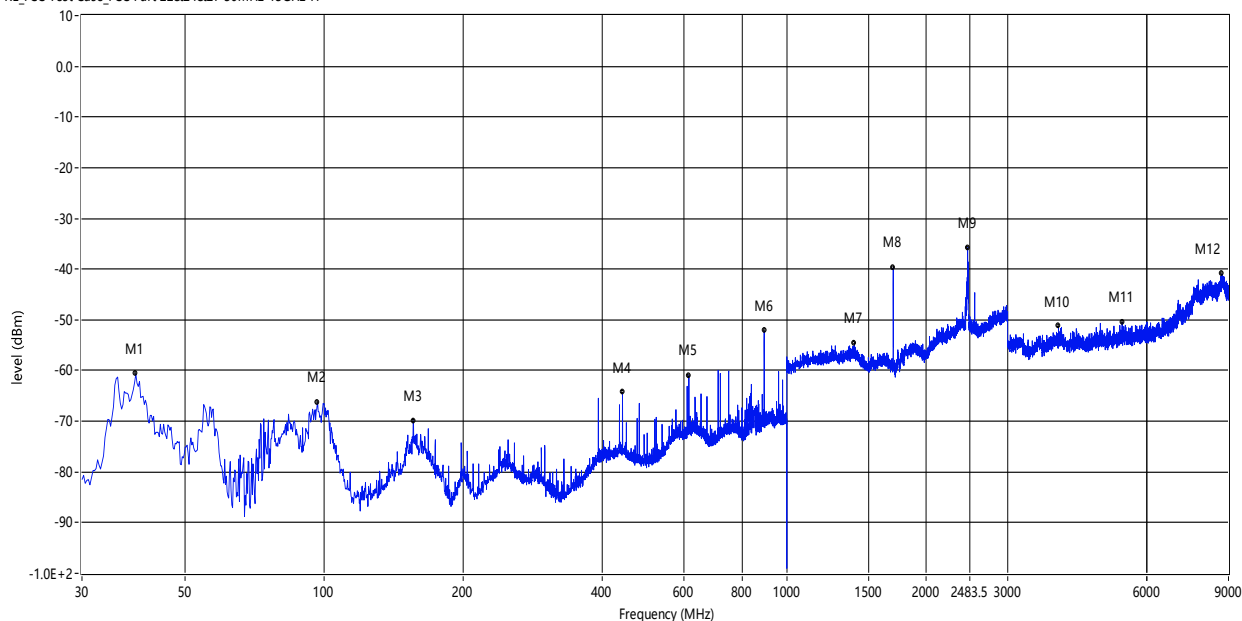
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -55.01       | -13.0       | -42.01          | Vertical | Pass    |
| 98.385          | -64.79       | -13.0       | -51.79          | Vertical | Pass    |
| 155.858         | -70.59       | -13.0       | -57.59          | Vertical | Pass    |
| 259.405         | -62.83       | -13.0       | -49.83          | Vertical | Pass    |
| 614.425         | -63.45       | -13.0       | -50.45          | Vertical | Pass    |
| 877.052         | -57.22       | -13.0       | -44.22          | Vertical | Pass    |
| 1081.500        | -55.48       | -13.0       | -42.48          | Vertical | Pass    |
| 2119.000        | -50.01       | -13.0       | -37.01          | Vertical | Pass    |
| 2455.500        | -32.91       | -13.0       | -19.91          | Vertical | Pass    |
| 3928.500        | -51.89       | -13.0       | -38.89          | Vertical | Pass    |
| 4999.500        | -49.68       | -13.0       | -36.68          | Vertical | Pass    |
| 8703.000        | -39.87       | -13.0       | -26.87          | Vertical | Pass    |

## Part 22\_Band 26\_1.4M\_1#5\_16QAM\_High\_Horizontal

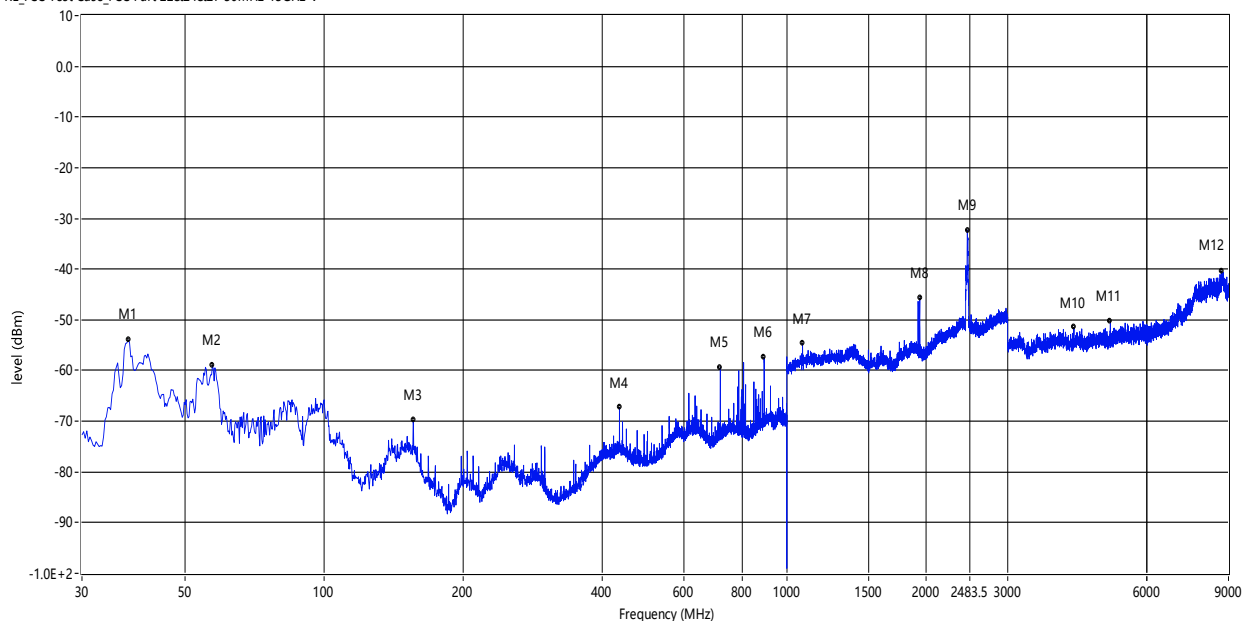
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.215          | -60.67       | -13.0       | -47.67          | Horizontal | Pass    |
| 96.930          | -66.36       | -13.0       | -53.36          | Horizontal | Pass    |
| 156.100         | -69.91       | -13.0       | -56.91          | Horizontal | Pass    |
| 441.522         | -64.34       | -13.0       | -51.34          | Horizontal | Pass    |
| 614.425         | -60.96       | -13.0       | -47.96          | Horizontal | Pass    |
| 893.542         | -52.20       | -13.0       | -39.20          | Horizontal | Pass    |
| 1400.000        | -54.62       | -13.0       | -41.62          | Horizontal | Pass    |
| 1697.500        | -39.73       | -13.0       | -26.73          | Horizontal | Pass    |
| 2458.500        | -35.77       | -13.0       | -22.77          | Horizontal | Pass    |
| 3864.000        | -51.30       | -13.0       | -38.30          | Horizontal | Pass    |
| 5302.500        | -50.49       | -13.0       | -37.49          | Horizontal | Pass    |
| 8700.000        | -40.98       | -13.0       | -27.98          | Horizontal | Pass    |

## Part 22\_Band 26\_1.4M\_1#5\_16QAM\_High\_Vertical

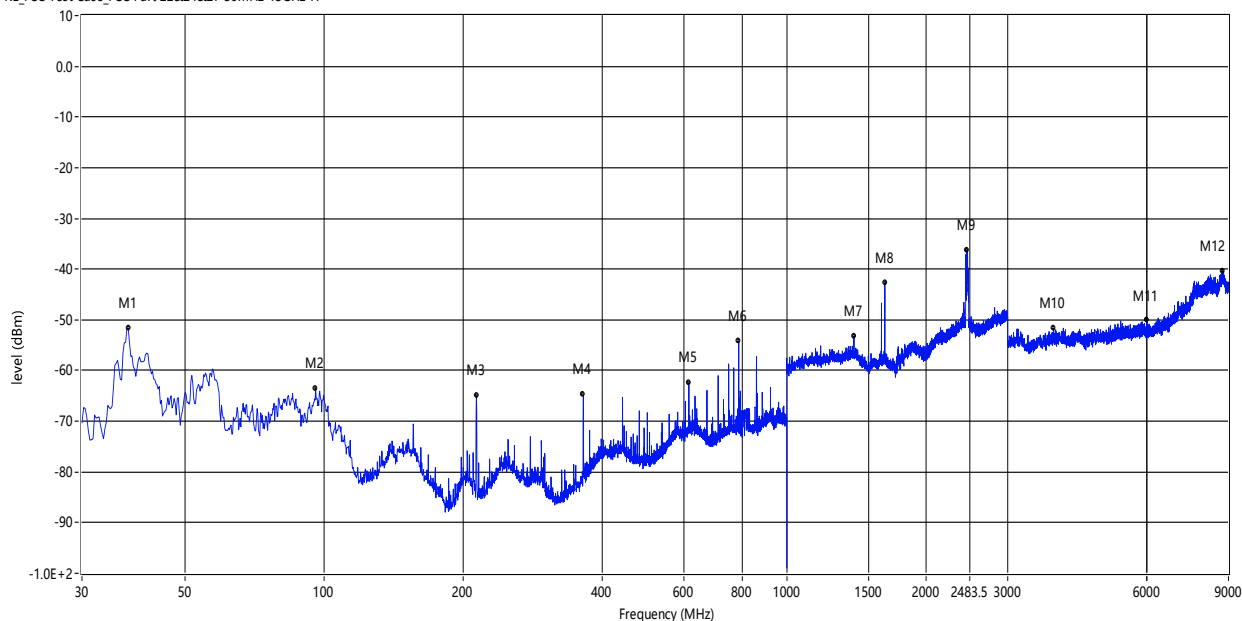
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.760          | -54.01       | -13.0       | -41.01          | Vertical | Pass    |
| 57.403          | -59.01       | -13.0       | -46.01          | Vertical | Pass    |
| 155.858         | -69.82       | -13.0       | -56.82          | Vertical | Pass    |
| 434.975         | -67.29       | -13.0       | -54.29          | Vertical | Pass    |
| 718.458         | -59.34       | -13.0       | -46.34          | Vertical | Pass    |
| 893.057         | -57.44       | -13.0       | -44.44          | Vertical | Pass    |
| 1081.500        | -54.73       | -13.0       | -41.73          | Vertical | Pass    |
| 1937.500        | -45.68       | -13.0       | -32.68          | Vertical | Pass    |
| 2455.500        | -32.30       | -13.0       | -19.30          | Vertical | Pass    |
| 4171.500        | -51.51       | -13.0       | -38.51          | Vertical | Pass    |
| 4999.500        | -50.23       | -13.0       | -37.23          | Vertical | Pass    |
| 8691.000        | -40.40       | -13.0       | -27.40          | Vertical | Pass    |

## Part 90\_Band 26\_1.4M\_1#0\_QPSK\_Low\_Horizontal

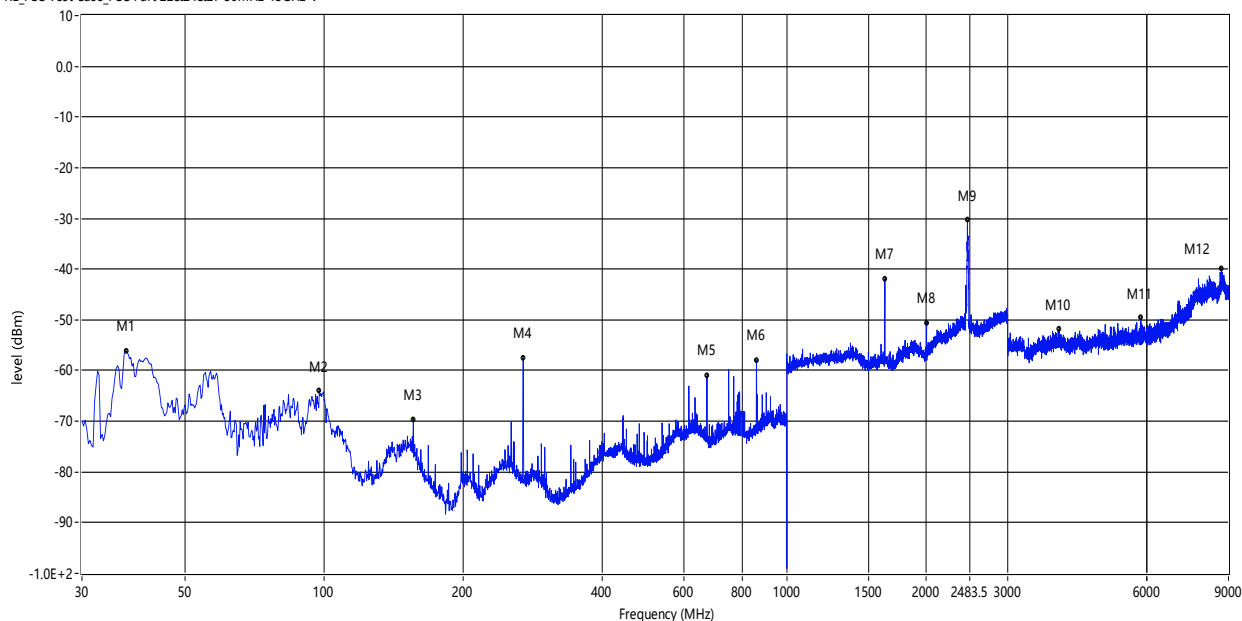
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 37.760          | -51.76       | -13.0       | -38.76          | Horizontal | Pass    |
| 95.960          | -63.55       | -13.0       | -50.55          | Horizontal | Pass    |
| 213.572         | -64.89       | -13.0       | -51.89          | Horizontal | Pass    |
| 363.195         | -64.75       | -13.0       | -51.75          | Horizontal | Pass    |
| 614.425         | -62.37       | -13.0       | -49.37          | Horizontal | Pass    |
| 787.327         | -54.27       | -13.0       | -41.27          | Horizontal | Pass    |
| 1396.500        | -53.23       | -13.0       | -40.23          | Horizontal | Pass    |
| 1628.500        | -42.69       | -13.0       | -29.69          | Horizontal | Pass    |
| 2450.500        | -36.18       | -13.0       | -23.18          | Horizontal | Pass    |
| 3772.500        | -51.67       | -13.0       | -38.67          | Horizontal | Pass    |
| 6000.000        | -50.15       | -13.0       | -37.15          | Horizontal | Pass    |
| 8742.000        | -40.32       | -13.0       | -27.32          | Horizontal | Pass    |

# Part 90\_Band 26\_1.4M\_1#0\_QPSK\_Low\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

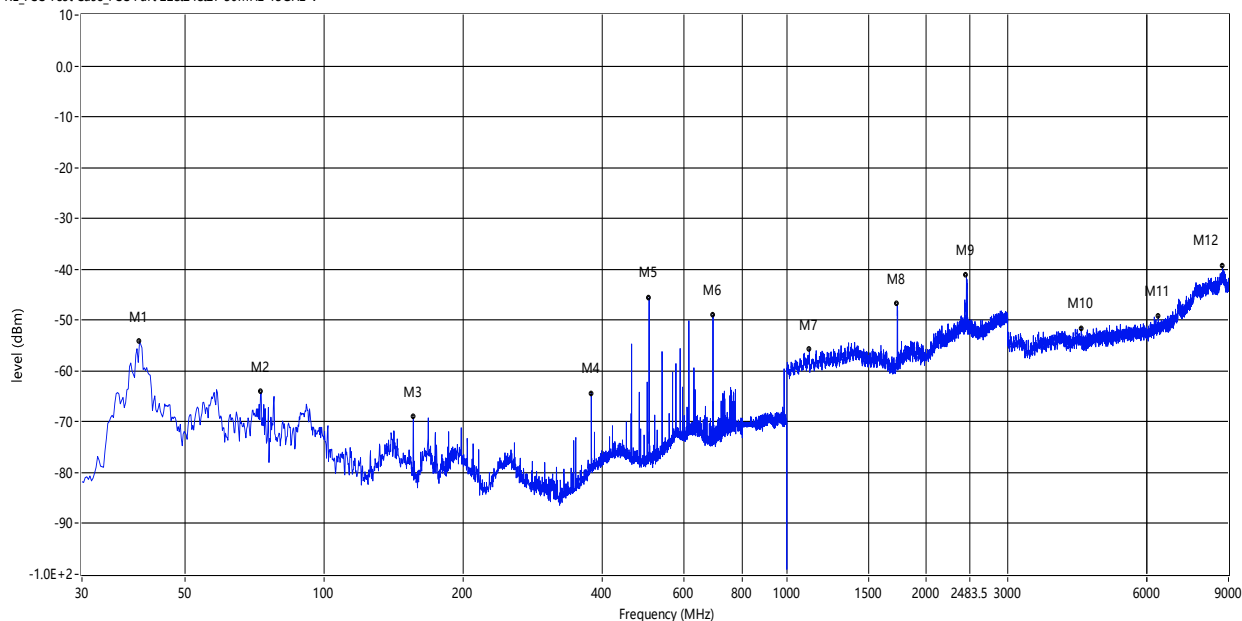


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -56.31       | -13.0       | -43.31          | Vertical | Pass    |
| 97.658          | -64.13       | -13.0       | -51.13          | Vertical | Pass    |
| 156.100         | -69.68       | -13.0       | -56.68          | Vertical | Pass    |
| 269.347         | -57.61       | -13.0       | -44.61          | Vertical | Pass    |
| 672.140         | -61.10       | -13.0       | -48.10          | Vertical | Pass    |
| 860.320         | -58.07       | -13.0       | -45.07          | Vertical | Pass    |
| 1628.500        | -41.98       | -13.0       | -28.98          | Vertical | Pass    |
| 2004.000        | -50.62       | -13.0       | -37.62          | Vertical | Pass    |
| 2456.500        | -30.42       | -13.0       | -17.42          | Vertical | Pass    |
| 3883.500        | -51.95       | -13.0       | -38.95          | Vertical | Pass    |
| 5821.500        | -49.69       | -13.0       | -36.69          | Vertical | Pass    |
| 8698.500        | -40.02       | -13.0       | -27.02          | Vertical | Pass    |



## Part 90\_Band 26\_1.4M\_1#0\_QPSK\_Mid\_Horizontal

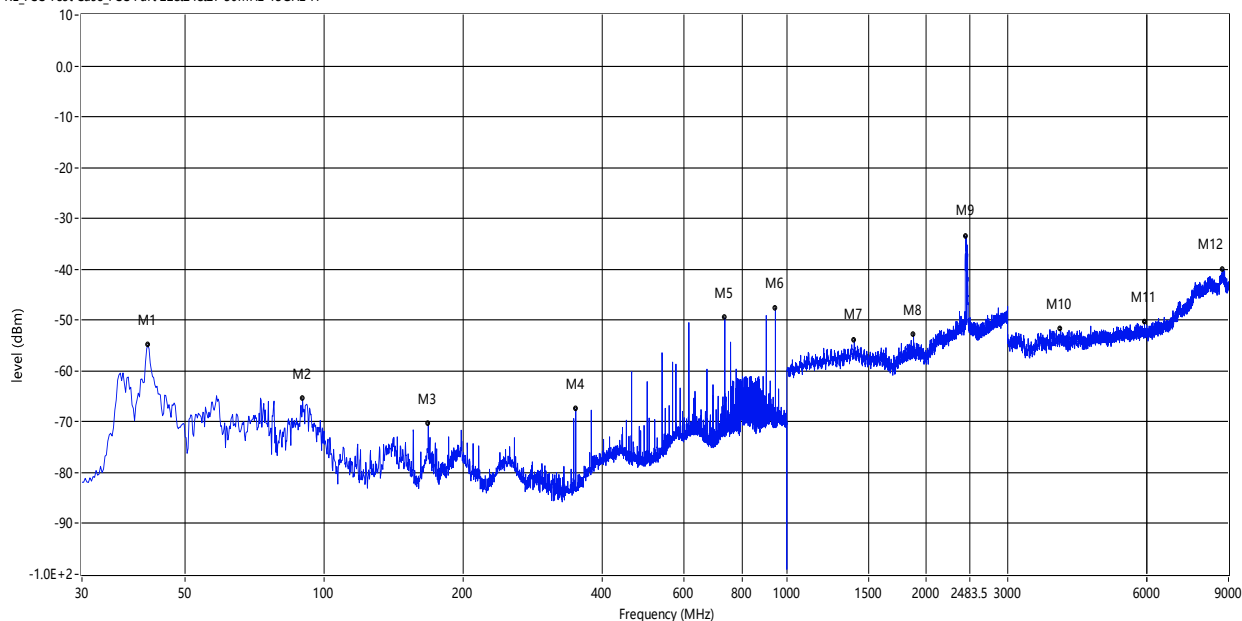
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 39.943          | -54.24       | -13.0       | -41.24          | Vertical | Pass    |
| 73.165          | -64.17       | -13.0       | -51.17          | Vertical | Pass    |
| 155.858         | -69.11       | -13.0       | -56.11          | Vertical | Pass    |
| 377.987         | -64.42       | -13.0       | -51.42          | Vertical | Pass    |
| 504.087         | -45.57       | -13.0       | -32.57          | Vertical | Pass    |
| 692.510         | -49.00       | -13.0       | -36.00          | Vertical | Pass    |
| 1118.500        | -55.77       | -13.0       | -42.77          | Vertical | Pass    |
| 1732.500        | -46.83       | -13.0       | -33.83          | Vertical | Pass    |
| 2443.500        | -41.14       | -13.0       | -28.14          | Vertical | Pass    |
| 4330.500        | -51.68       | -13.0       | -38.68          | Vertical | Pass    |
| 6346.500        | -49.24       | -13.0       | -36.24          | Vertical | Pass    |
| 8737.500        | -39.46       | -13.0       | -26.46          | Vertical | Pass    |

## Part 90\_Band 26\_1.4M\_1#0\_QPSK\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

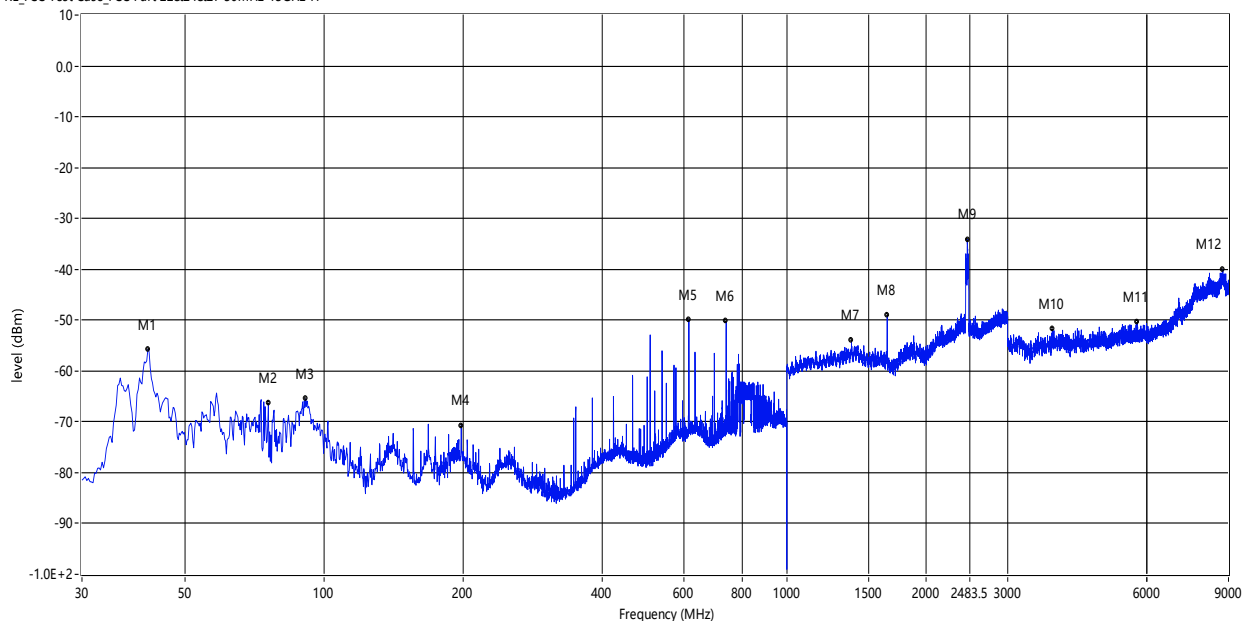


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.640          | -54.87       | -13.0       | -41.87          | Horizontal | Pass    |
| 89.897          | -65.53       | -13.0       | -52.53          | Horizontal | Pass    |
| 167.982         | -70.40       | -13.0       | -57.40          | Horizontal | Pass    |
| 350.100         | -67.46       | -13.0       | -54.46          | Horizontal | Pass    |
| 734.705         | -49.54       | -13.0       | -36.54          | Horizontal | Pass    |
| 944.710         | -47.68       | -13.0       | -34.68          | Horizontal | Pass    |
| 1398.500        | -53.89       | -13.0       | -40.89          | Horizontal | Pass    |
| 1878.500        | -52.85       | -13.0       | -39.85          | Horizontal | Pass    |
| 2437.000        | -33.49       | -13.0       | -20.49          | Horizontal | Pass    |
| 3900.000        | -51.79       | -13.0       | -38.79          | Horizontal | Pass    |
| 5928.000        | -50.36       | -13.0       | -37.36          | Horizontal | Pass    |
| 8748.000        | -40.02       | -13.0       | -27.02          | Horizontal | Pass    |



## Part 90\_Band 26\_1.4M\_1#5\_QPSK\_High\_Horizontal

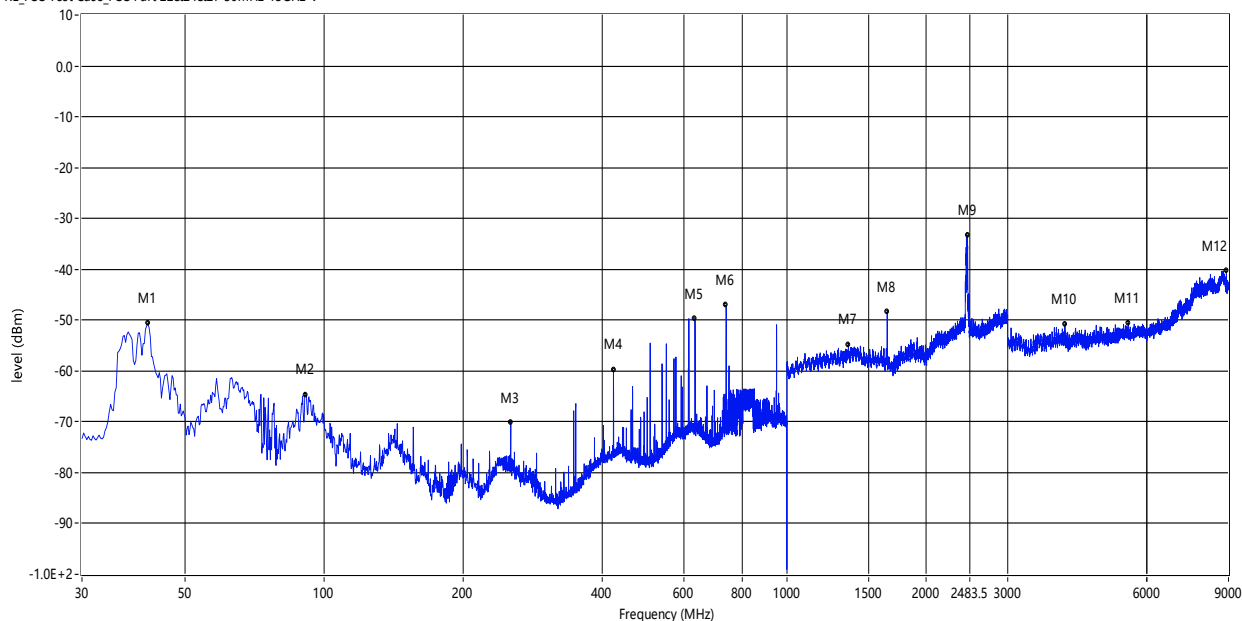
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.640          | -55.74       | -13.0       | -42.74          | Horizontal | Pass    |
| 75.832          | -66.36       | -13.0       | -53.36          | Horizontal | Pass    |
| 91.353          | -65.48       | -13.0       | -52.48          | Horizontal | Pass    |
| 198.053         | -70.73       | -13.0       | -57.73          | Horizontal | Pass    |
| 614.425         | -49.96       | -13.0       | -36.96          | Horizontal | Pass    |
| 739.555         | -50.19       | -13.0       | -37.19          | Horizontal | Pass    |
| 1379.500        | -54.05       | -13.0       | -41.05          | Horizontal | Pass    |
| 1647.500        | -49.12       | -13.0       | -36.12          | Horizontal | Pass    |
| 2455.500        | -34.16       | -13.0       | -21.16          | Horizontal | Pass    |
| 3747.000        | -51.79       | -13.0       | -38.79          | Horizontal | Pass    |
| 5715.000        | -50.48       | -13.0       | -37.48          | Horizontal | Pass    |
| 8740.500        | -40.09       | -13.0       | -27.09          | Horizontal | Pass    |

## Part 90\_Band 26\_1.4M\_1#5\_QPSK\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

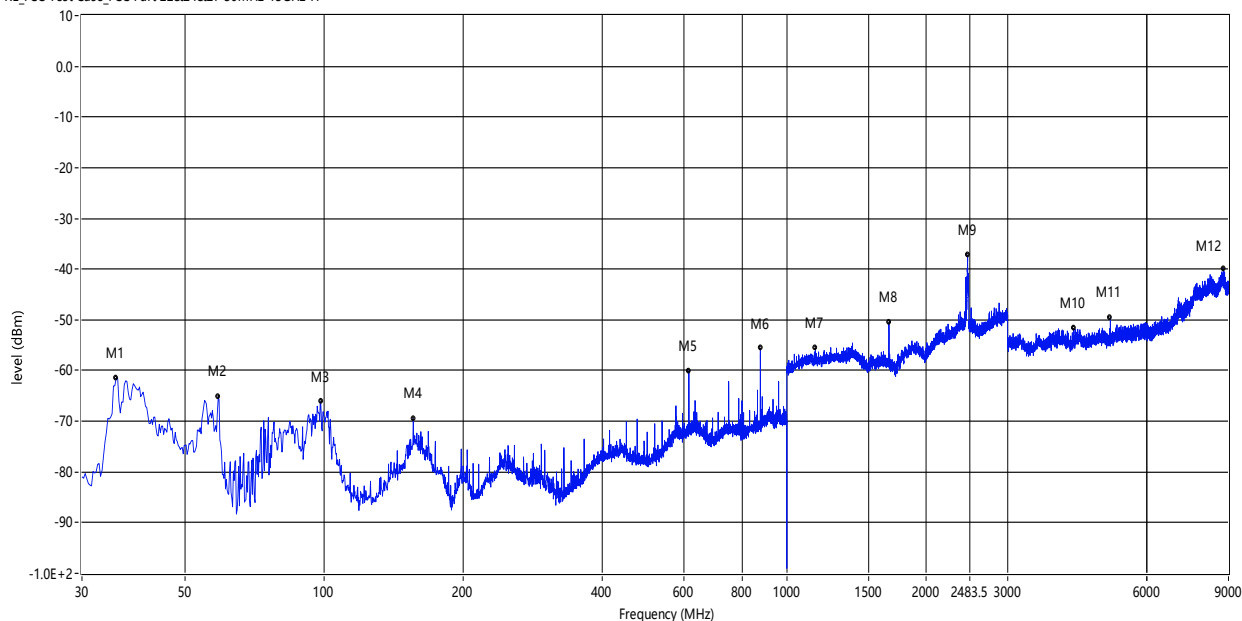


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 41.640          | -50.72       | -13.0       | -37.72          | Vertical | Pass    |
| 91.353          | -64.64       | -13.0       | -51.64          | Vertical | Pass    |
| 253.342         | -70.14       | -13.0       | -57.14          | Vertical | Pass    |
| 422.122         | -59.87       | -13.0       | -46.87          | Vertical | Pass    |
| 633.340         | -49.69       | -13.0       | -36.69          | Vertical | Pass    |
| 739.313         | -47.13       | -13.0       | -34.13          | Vertical | Pass    |
| 1358.000        | -54.80       | -13.0       | -41.80          | Vertical | Pass    |
| 1648.000        | -48.46       | -13.0       | -35.46          | Vertical | Pass    |
| 2455.500        | -33.35       | -13.0       | -20.35          | Vertical | Pass    |
| 3988.500        | -50.94       | -13.0       | -37.94          | Vertical | Pass    |
| 5475.000        | -50.58       | -13.0       | -37.58          | Vertical | Pass    |
| 8905.500        | -40.40       | -13.0       | -27.40          | Vertical | Pass    |



## Part 90\_Band 26\_1.4M\_1#0\_16QAM\_Low\_Horizontal

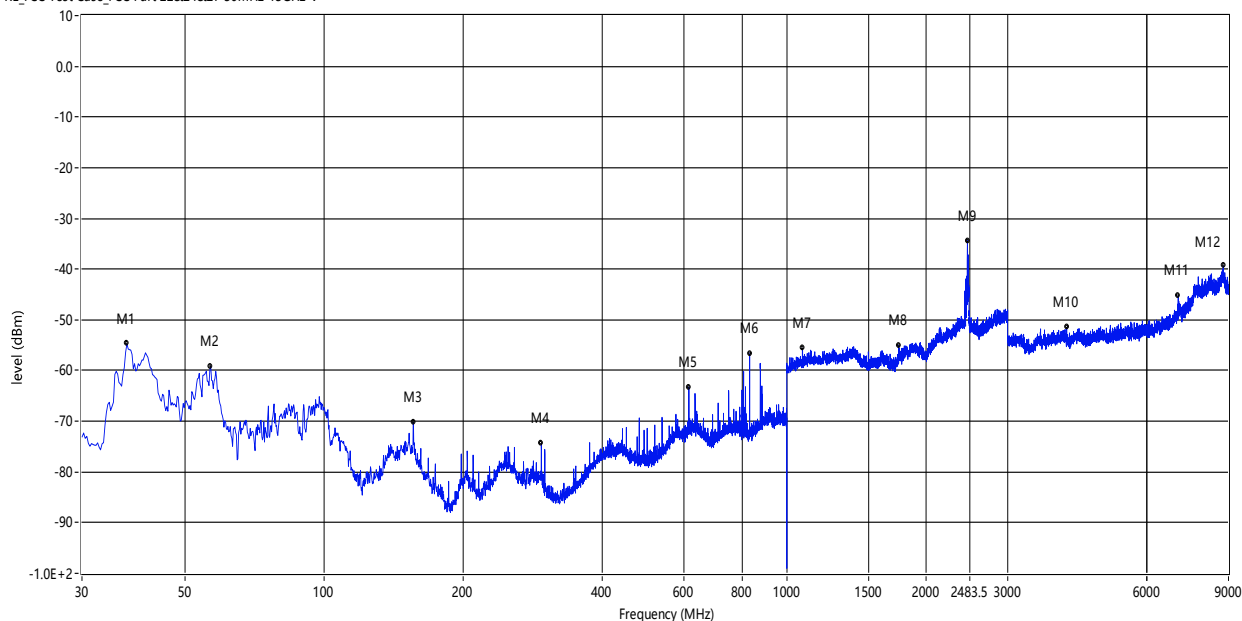
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | PK Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|----------------|-----------------|------------|---------|
| 35.578          | -61.45       | -13.0          | -48.45          | Horizontal | Pass    |
| 59.100          | -65.11       | -13.0          | -52.11          | Horizontal | Pass    |
| 98.385          | -66.17       | -13.0          | -53.17          | Horizontal | Pass    |
| 155.858         | -69.50       | -13.0          | -56.50          | Horizontal | Pass    |
| 614.425         | -60.03       | -13.0          | -47.03          | Horizontal | Pass    |
| 876.810         | -55.65       | -13.0          | -42.65          | Horizontal | Pass    |
| 1153.500        | -55.58       | -13.0          | -42.58          | Horizontal | Pass    |
| 1662.500        | -50.55       | -13.0          | -37.55          | Horizontal | Pass    |
| 2459.000        | -37.24       | -13.0          | -24.24          | Horizontal | Pass    |
| 4168.500        | -51.70       | -13.0          | -38.70          | Horizontal | Pass    |
| 4999.500        | -49.63       | -13.0          | -36.63          | Horizontal | Pass    |
| 8769.000        | -39.89       | -13.0          | -26.89          | Horizontal | Pass    |

## Part 90\_Band 26\_1.4M\_1#0\_16QAM\_Low\_Vertical

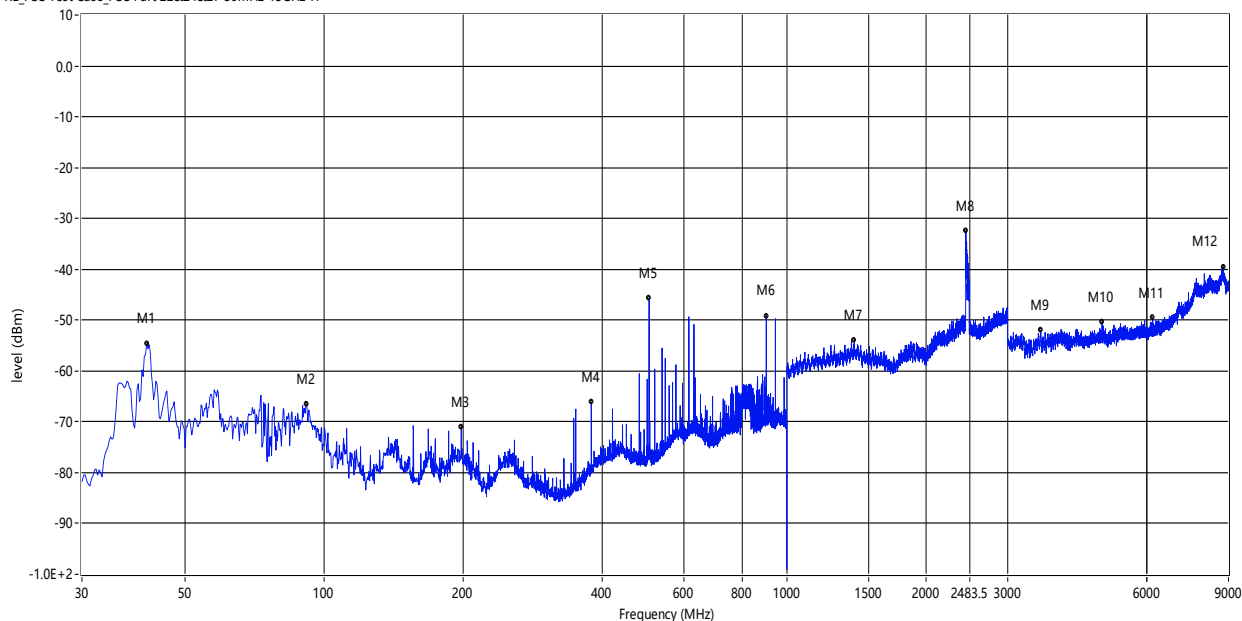
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -54.73       | -13.0       | -41.73          | Vertical | Pass    |
| 56.917          | -59.21       | -13.0       | -46.21          | Vertical | Pass    |
| 155.858         | -70.24       | -13.0       | -57.24          | Vertical | Pass    |
| 294.810         | -74.38       | -13.0       | -61.38          | Vertical | Pass    |
| 614.425         | -63.22       | -13.0       | -50.22          | Vertical | Pass    |
| 831.220         | -56.68       | -13.0       | -43.68          | Vertical | Pass    |
| 1081.500        | -55.58       | -13.0       | -42.58          | Vertical | Pass    |
| 1745.000        | -55.01       | -13.0       | -42.01          | Vertical | Pass    |
| 2456.000        | -34.37       | -13.0       | -21.37          | Vertical | Pass    |
| 4024.500        | -51.47       | -13.0       | -38.47          | Vertical | Pass    |
| 7008.000        | -45.17       | -13.0       | -32.17          | Vertical | Pass    |
| 8766.000        | -39.36       | -13.0       | -26.36          | Vertical | Pass    |

# Part 90\_Band 26\_1.4M\_1#0\_16QAM\_Mid\_Horizontal

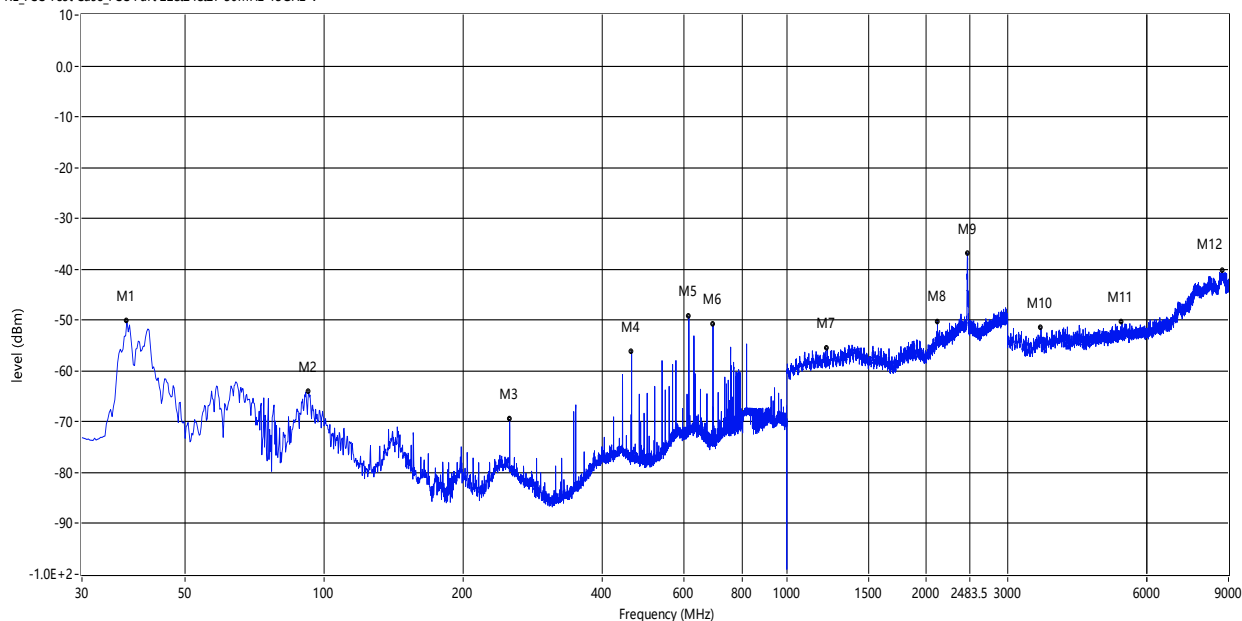
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.398          | -54.68       | -13.0       | -41.68          | Horizontal | Pass    |
| 91.595          | -66.64       | -13.0       | -53.64          | Horizontal | Pass    |
| 198.053         | -71.09       | -13.0       | -58.09          | Horizontal | Pass    |
| 377.987         | -66.21       | -13.0       | -53.21          | Horizontal | Pass    |
| 504.087         | -45.63       | -13.0       | -32.63          | Horizontal | Pass    |
| 902.758         | -49.21       | -13.0       | -36.21          | Horizontal | Pass    |
| 1400.000        | -53.89       | -13.0       | -40.89          | Horizontal | Pass    |
| 2438.000        | -32.44       | -13.0       | -19.44          | Horizontal | Pass    |
| 3534.000        | -52.03       | -13.0       | -39.03          | Horizontal | Pass    |
| 4798.500        | -50.47       | -13.0       | -37.47          | Horizontal | Pass    |
| 6174.000        | -49.60       | -13.0       | -36.60          | Horizontal | Pass    |
| 8766.000        | -39.51       | -13.0       | -26.51          | Horizontal | Pass    |

## Part 90\_Band 26\_1.4M\_1#0\_16QAM\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

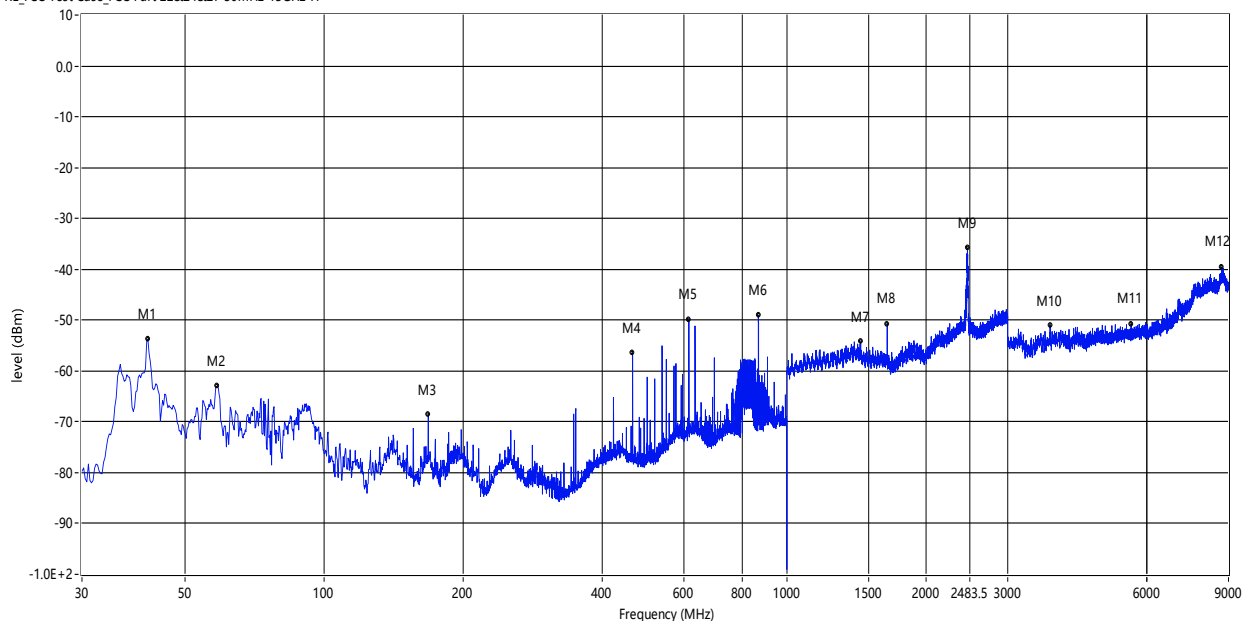


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -50.15       | -13.0       | -37.15          | Vertical | Pass    |
| 92.565          | -64.15       | -13.0       | -51.15          | Vertical | Pass    |
| 251.888         | -69.51       | -13.0       | -56.51          | Vertical | Pass    |
| 462.135         | -56.20       | -13.0       | -43.20          | Vertical | Pass    |
| 614.425         | -49.29       | -13.0       | -36.29          | Vertical | Pass    |
| 692.510         | -50.92       | -13.0       | -37.92          | Vertical | Pass    |
| 1221.500        | -55.62       | -13.0       | -42.62          | Vertical | Pass    |
| 2115.500        | -50.28       | -13.0       | -37.28          | Vertical | Pass    |
| 2456.500        | -36.88       | -13.0       | -23.88          | Vertical | Pass    |
| 3541.500        | -51.52       | -13.0       | -38.52          | Vertical | Pass    |
| 5298.000        | -50.40       | -13.0       | -37.40          | Vertical | Pass    |
| 8733.000        | -40.39       | -13.0       | -27.39          | Vertical | Pass    |



## Part 90\_Band 26\_1.4M\_1#5\_16QAM\_High\_Horizontal

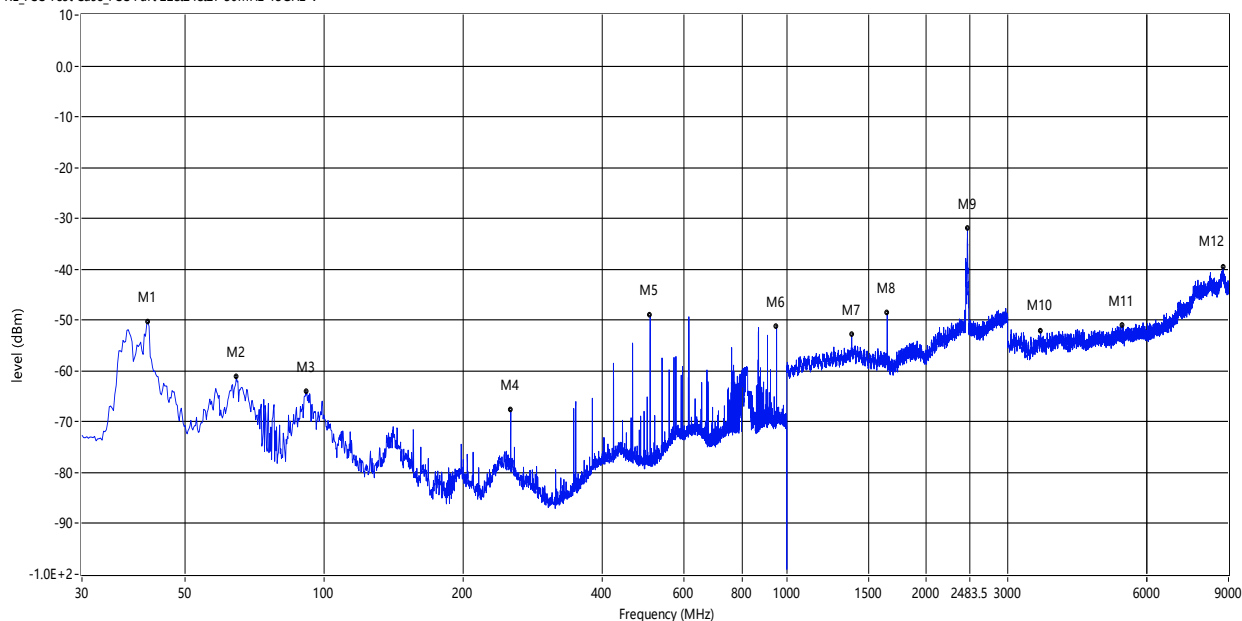
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 41.640          | -53.75       | -13.0       | -40.75          | Horizontal | Pass    |
| 58.858          | -63.04       | -13.0       | -50.04          | Horizontal | Pass    |
| 167.982         | -68.66       | -13.0       | -55.66          | Horizontal | Pass    |
| 464.318         | -56.41       | -13.0       | -43.41          | Horizontal | Pass    |
| 614.425         | -49.86       | -13.0       | -36.86          | Horizontal | Pass    |
| 867.838         | -49.13       | -13.0       | -36.13          | Horizontal | Pass    |
| 1442.500        | -54.27       | -13.0       | -41.27          | Horizontal | Pass    |
| 1648.000        | -50.72       | -13.0       | -37.72          | Horizontal | Pass    |
| 2455.500        | -35.77       | -13.0       | -22.77          | Horizontal | Pass    |
| 3705.000        | -51.05       | -13.0       | -38.05          | Horizontal | Pass    |
| 5545.500        | -50.75       | -13.0       | -37.75          | Horizontal | Pass    |
| 8706.000        | -39.57       | -13.0       | -26.57          | Horizontal | Pass    |

## Part 90\_Band 26\_1.4M\_1#5\_16QAM\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

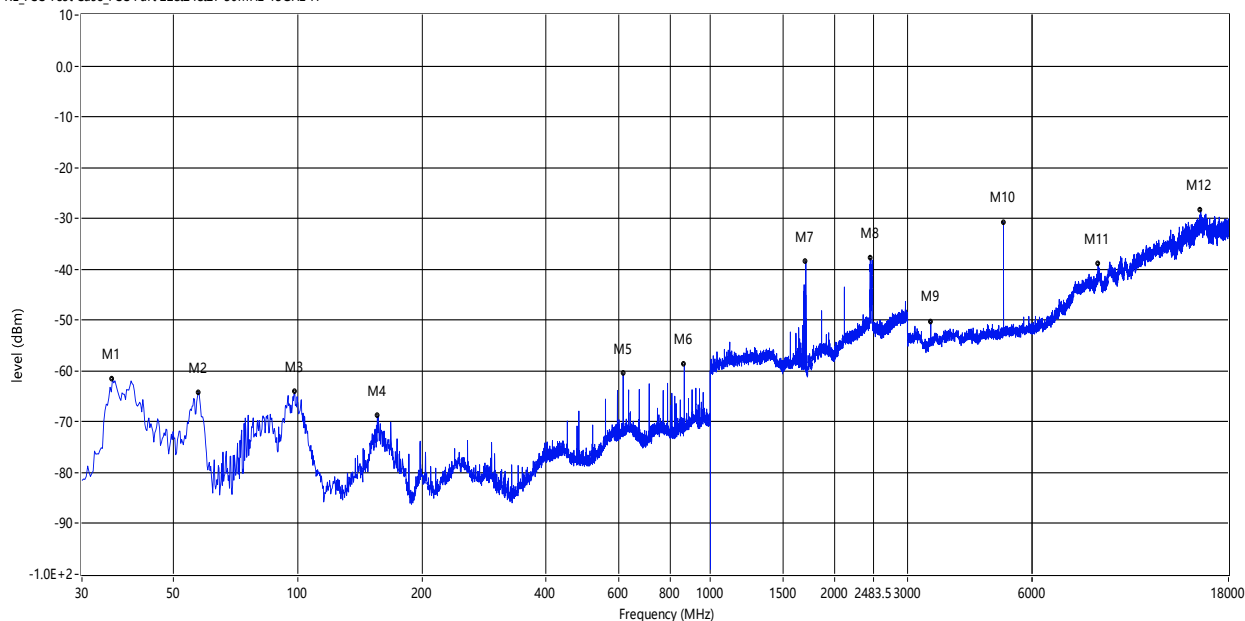


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 41.640          | -50.35       | -13.0       | -37.35          | Vertical | Pass    |
| 64.677          | -61.14       | -13.0       | -48.14          | Vertical | Pass    |
| 91.838          | -64.10       | -13.0       | -51.10          | Vertical | Pass    |
| 253.342         | -67.72       | -13.0       | -54.72          | Vertical | Pass    |
| 506.755         | -49.02       | -13.0       | -36.02          | Vertical | Pass    |
| 950.530         | -51.38       | -13.0       | -38.38          | Vertical | Pass    |
| 1381.000        | -52.96       | -13.0       | -39.96          | Vertical | Pass    |
| 1648.000        | -48.62       | -13.0       | -35.62          | Vertical | Pass    |
| 2456.500        | -32.08       | -13.0       | -19.08          | Vertical | Pass    |
| 3535.500        | -52.26       | -13.0       | -39.26          | Vertical | Pass    |
| 5313.000        | -51.05       | -13.0       | -38.05          | Vertical | Pass    |
| 8775.000        | -39.65       | -13.0       | -26.65          | Vertical | Pass    |



## Band 66\_1.4M\_1#0\_QPSK\_Low\_Horizontal

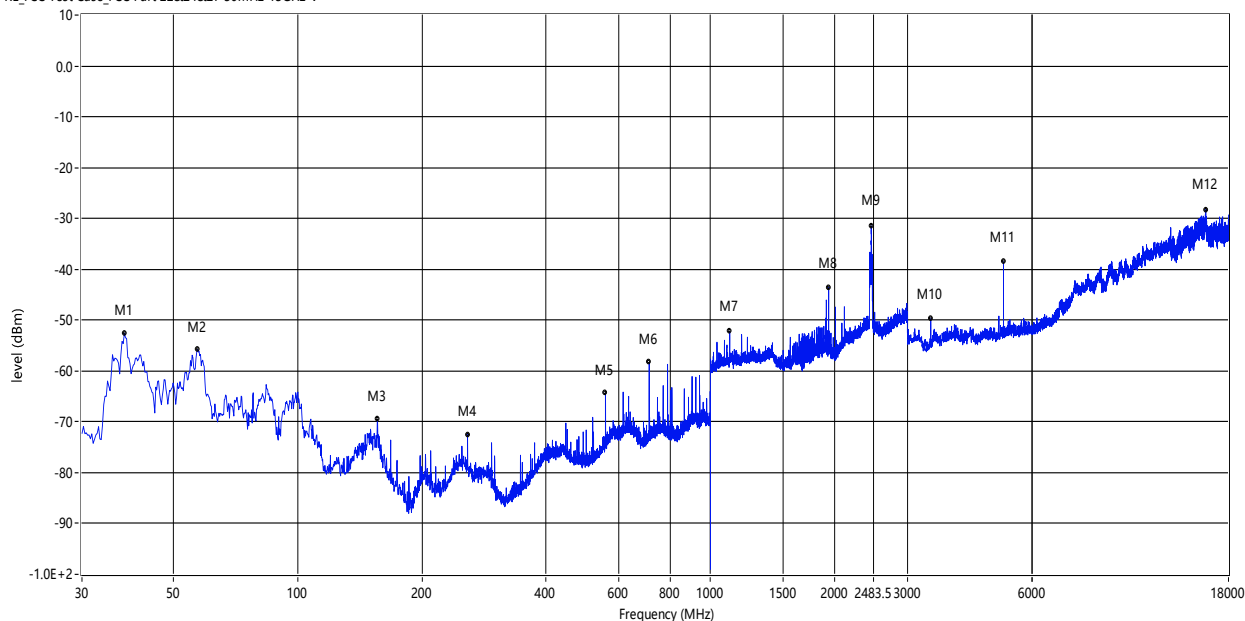
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.578          | -61.65       | -13.0       | -48.65          | Horizontal | Pass    |
| 57.645          | -64.27       | -13.0       | -51.27          | Horizontal | Pass    |
| 98.385          | -64.19       | -13.0       | -51.19          | Horizontal | Pass    |
| 155.858         | -68.88       | -13.0       | -55.88          | Horizontal | Pass    |
| 614.425         | -60.59       | -13.0       | -47.59          | Horizontal | Pass    |
| 864.200         | -58.62       | -13.0       | -45.62          | Horizontal | Pass    |
| 1702.500        | -38.45       | -13.0       | -25.45          | Horizontal | Pass    |
| 2440.000        | -37.83       | -13.0       | -24.83          | Horizontal | Pass    |
| 3420.000        | -50.32       | -13.0       | -37.32          | Horizontal | Pass    |
| 5130.000        | -30.76       | -13.0       | -17.76          | Horizontal | Pass    |
| 8695.000        | -39.04       | -13.0       | -26.04          | Horizontal | Pass    |
| 15418.750       | -28.50       | -13.0       | -15.50          | Horizontal | Pass    |

# Band 66\_1.4M\_1#0\_QPSK\_Low\_Vertical

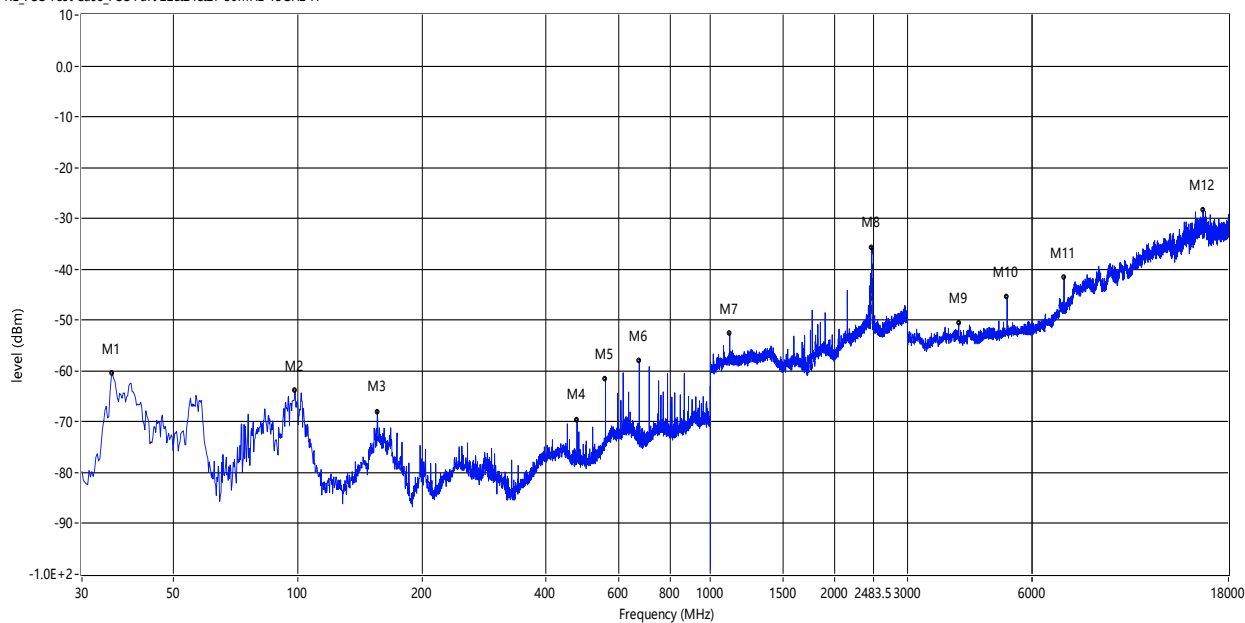
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -52.62       | -13.0       | -39.62          | Vertical | Pass    |
| 57.160          | -55.73       | -13.0       | -42.73          | Vertical | Pass    |
| 155.858         | -69.51       | -13.0       | -56.51          | Vertical | Pass    |
| 257.950         | -72.53       | -13.0       | -59.53          | Vertical | Pass    |
| 556.953         | -64.39       | -13.0       | -51.39          | Vertical | Pass    |
| 710.455         | -58.34       | -13.0       | -45.34          | Vertical | Pass    |
| 1113.500        | -52.24       | -13.0       | -39.24          | Vertical | Pass    |
| 1934.000        | -43.56       | -13.0       | -30.56          | Vertical | Pass    |
| 2452.500        | -31.47       | -13.0       | -18.47          | Vertical | Pass    |
| 3417.500        | -49.72       | -13.0       | -36.72          | Vertical | Pass    |
| 5130.000        | -38.53       | -13.0       | -25.53          | Vertical | Pass    |
| 15853.750       | -28.30       | -13.0       | -15.30          | Vertical | Pass    |

# Band 66\_1.4M\_1#0\_QPSK\_Mid\_Horizontal

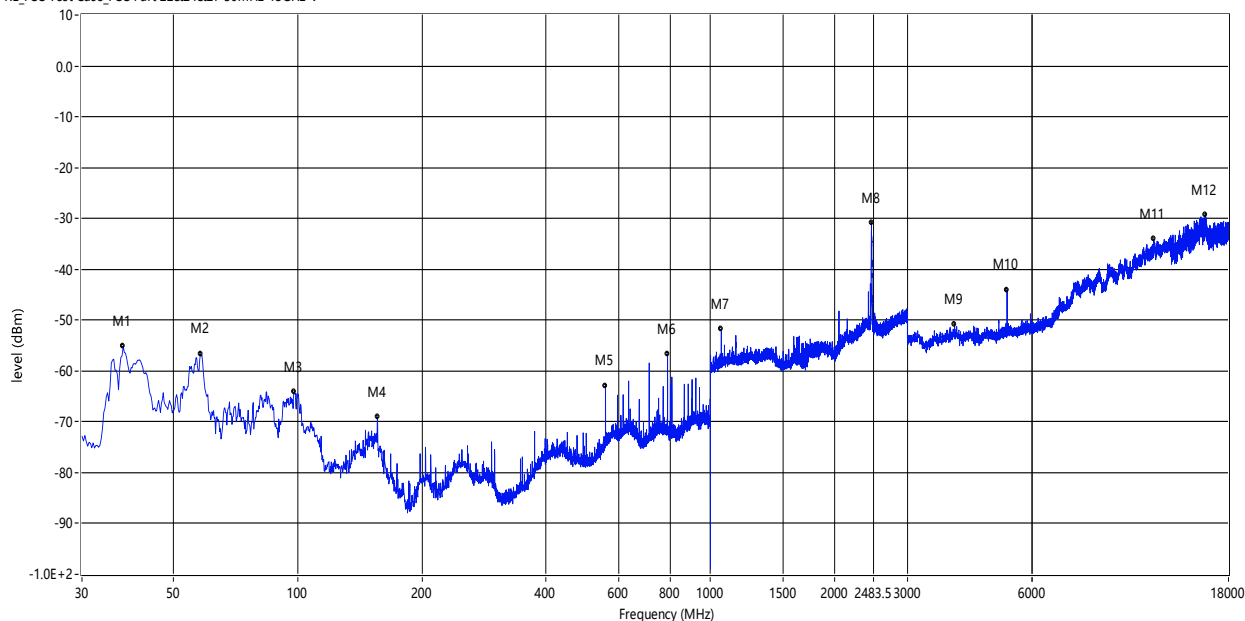
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.578          | -60.59       | -13.0       | -47.59          | Horizontal | Pass    |
| 98.385          | -63.93       | -13.0       | -50.93          | Horizontal | Pass    |
| 155.858         | -68.04       | -13.0       | -55.04          | Horizontal | Pass    |
| 474.987         | -69.64       | -13.0       | -56.64          | Horizontal | Pass    |
| 556.953         | -61.56       | -13.0       | -48.56          | Horizontal | Pass    |
| 672.140         | -58.08       | -13.0       | -45.08          | Horizontal | Pass    |
| 1114.000        | -52.62       | -13.0       | -39.62          | Horizontal | Pass    |
| 2460.500        | -35.73       | -13.0       | -22.73          | Horizontal | Pass    |
| 3995.000        | -50.67       | -13.0       | -37.67          | Horizontal | Pass    |
| 5235.000        | -45.43       | -13.0       | -32.43          | Horizontal | Pass    |
| 7190.000        | -41.72       | -13.0       | -28.72          | Horizontal | Pass    |
| 15612.500       | -28.41       | -13.0       | -15.41          | Horizontal | Pass    |

# Band 66\_1.4M\_1#0\_QPSK\_Mid\_Vertical

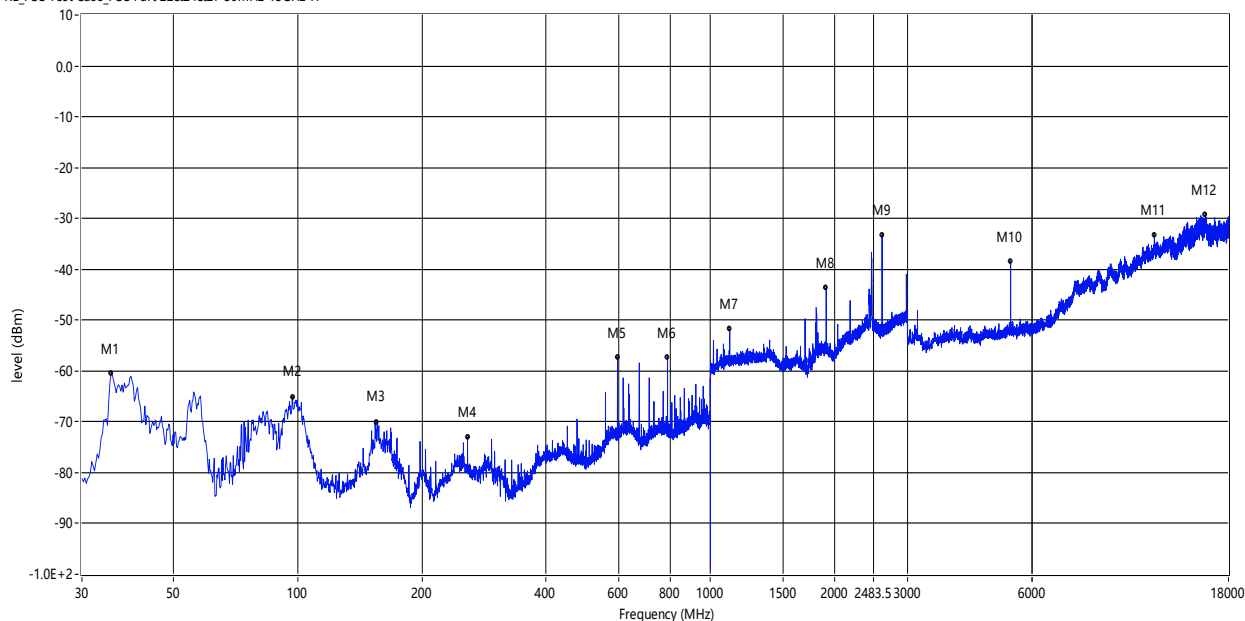
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.760          | -55.15       | -13.0       | -42.15          | Vertical | Pass    |
| 58.130          | -56.62       | -13.0       | -43.62          | Vertical | Pass    |
| 98.143          | -64.09       | -13.0       | -51.09          | Vertical | Pass    |
| 155.858         | -69.11       | -13.0       | -56.11          | Vertical | Pass    |
| 556.953         | -62.86       | -13.0       | -49.86          | Vertical | Pass    |
| 787.327         | -56.71       | -13.0       | -43.71          | Vertical | Pass    |
| 1062.500        | -51.83       | -13.0       | -38.83          | Vertical | Pass    |
| 2456.000        | -30.85       | -13.0       | -17.85          | Vertical | Pass    |
| 3905.000        | -50.81       | -13.0       | -37.81          | Vertical | Pass    |
| 5232.500        | -44.00       | -13.0       | -31.00          | Vertical | Pass    |
| 11875.000       | -34.10       | -13.0       | -21.10          | Vertical | Pass    |
| 15788.750       | -29.33       | -13.0       | -16.33          | Vertical | Pass    |

# Band 66\_1.4M\_1#5\_QPSK\_High\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

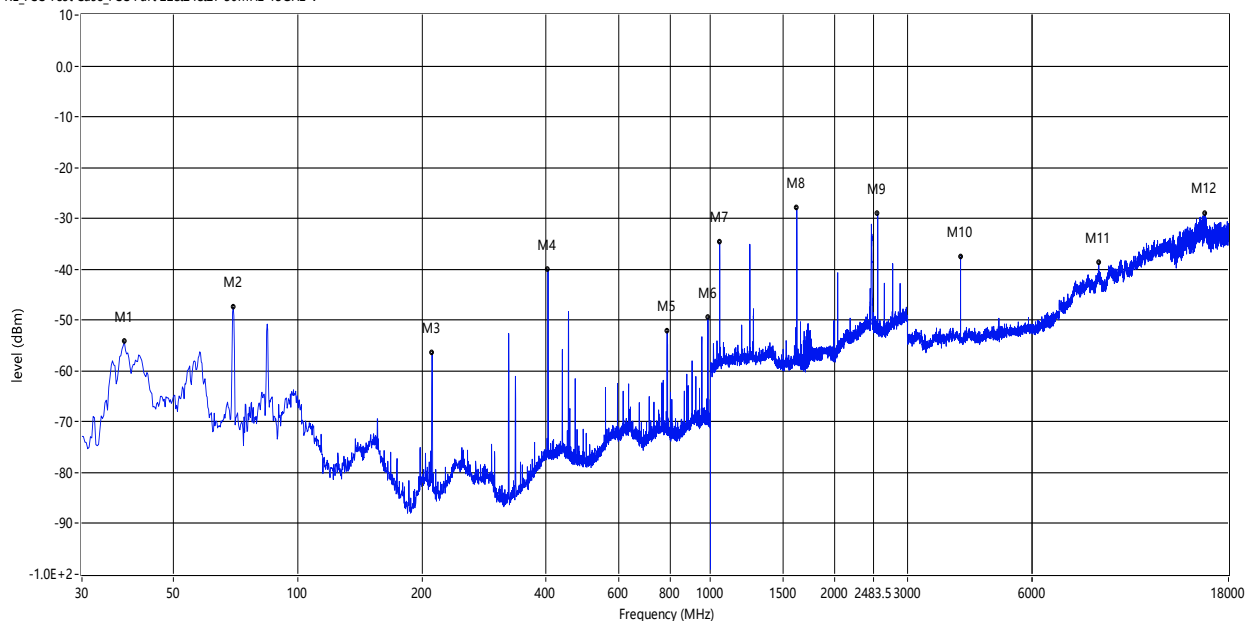


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.335          | -60.54       | -13.0       | -47.54          | Horizontal | Pass    |
| 97.173          | -65.11       | -13.0       | -52.11          | Horizontal | Pass    |
| 155.615         | -70.05       | -13.0       | -57.05          | Horizontal | Pass    |
| 257.950         | -73.03       | -13.0       | -60.03          | Horizontal | Pass    |
| 595.268         | -57.37       | -13.0       | -44.37          | Horizontal | Pass    |
| 787.327         | -57.37       | -13.0       | -44.37          | Horizontal | Pass    |
| 1114.000        | -51.72       | -13.0       | -38.72          | Horizontal | Pass    |
| 1907.000        | -43.70       | -13.0       | -30.70          | Horizontal | Pass    |
| 2605.500        | -33.39       | -13.0       | -20.39          | Horizontal | Pass    |
| 5340.000        | -38.53       | -13.0       | -25.53          | Horizontal | Pass    |
| 11900.000       | -33.35       | -13.0       | -20.35          | Horizontal | Pass    |
| 15830.000       | -29.24       | -13.0       | -16.24          | Horizontal | Pass    |



## Band 66\_1.4M\_1#5\_QPSK\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

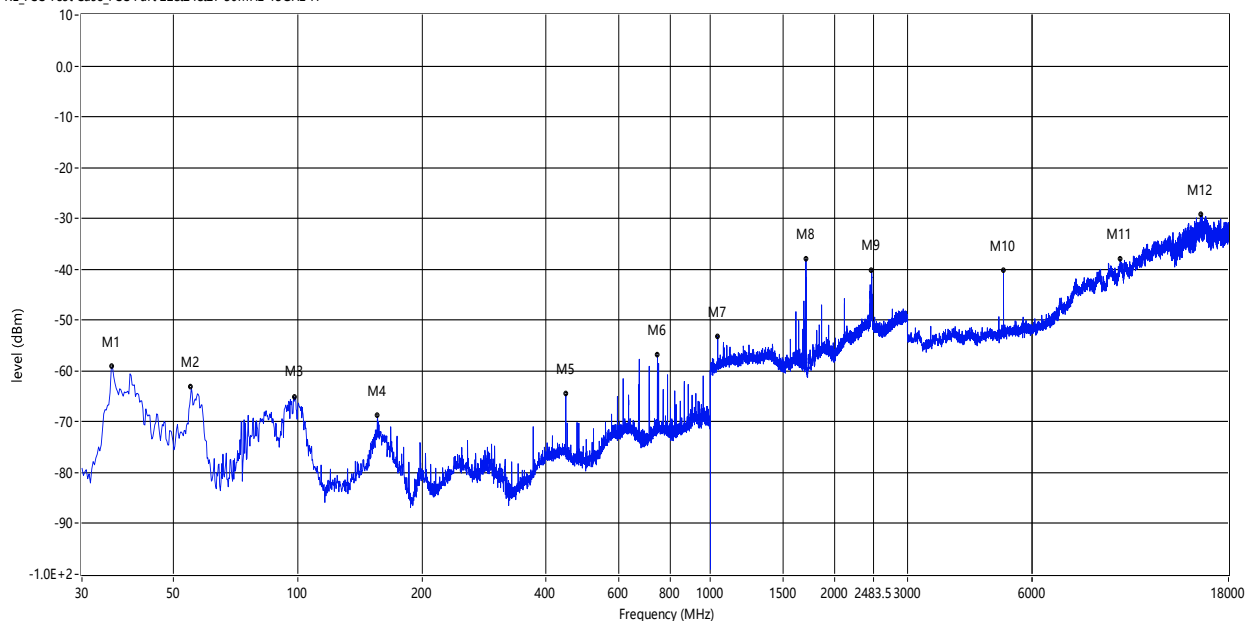


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -54.29       | -13.0       | -41.29          | Vertical | Pass    |
| 69.770          | -47.54       | -13.0       | -34.54          | Vertical | Pass    |
| 211.633         | -56.46       | -13.0       | -43.46          | Vertical | Pass    |
| 404.178         | -40.11       | -13.0       | -27.11          | Vertical | Pass    |
| 785.145         | -52.22       | -13.0       | -39.22          | Vertical | Pass    |
| 986.177         | -49.60       | -13.0       | -36.60          | Vertical | Pass    |
| 1053.000        | -34.66       | -13.0       | -21.66          | Vertical | Pass    |
| 1619.500        | -28.01       | -13.0       | -15.01          | Vertical | Pass    |
| 2543.500        | -29.15       | -13.0       | -16.15          | Vertical | Pass    |
| 4037.500        | -37.54       | -13.0       | -24.54          | Vertical | Pass    |
| 8730.000        | -38.78       | -13.0       | -25.78          | Vertical | Pass    |
| 15800.001       | -29.14       | -13.0       | -16.14          | Vertical | Pass    |



## Band 66\_1.4M\_1#0\_16QAM\_Low\_Horizontal

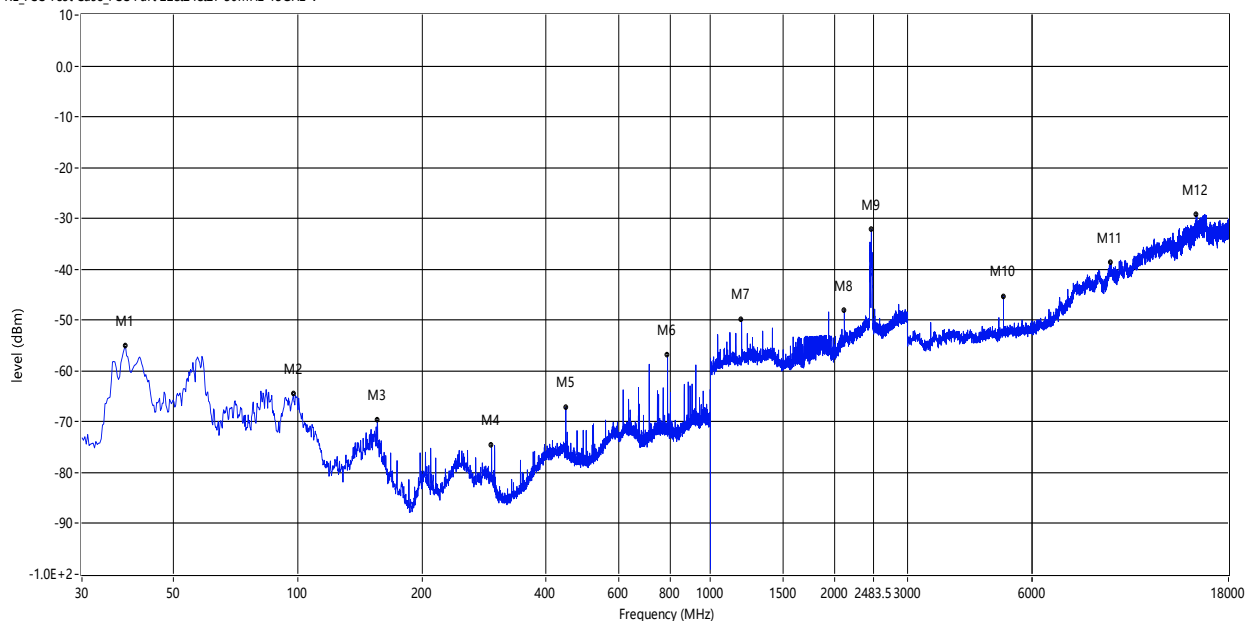
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.578          | -59.18       | -13.0       | -46.18          | Horizontal | Pass    |
| 55.220          | -63.26       | -13.0       | -50.26          | Horizontal | Pass    |
| 98.385          | -65.10       | -13.0       | -52.10          | Horizontal | Pass    |
| 156.100         | -68.87       | -13.0       | -55.87          | Horizontal | Pass    |
| 446.373         | -64.55       | -13.0       | -51.55          | Horizontal | Pass    |
| 743.920         | -56.85       | -13.0       | -43.85          | Horizontal | Pass    |
| 1041.500        | -53.20       | -13.0       | -40.20          | Horizontal | Pass    |
| 1704.000        | -37.99       | -13.0       | -24.99          | Horizontal | Pass    |
| 2459.000        | -40.23       | -13.0       | -27.23          | Horizontal | Pass    |
| 5130.000        | -40.25       | -13.0       | -27.25          | Horizontal | Pass    |
| 9837.500        | -38.06       | -13.0       | -25.06          | Horizontal | Pass    |
| 15433.750       | -29.28       | -13.0       | -16.28          | Horizontal | Pass    |

# Band 66\_1.4M\_1#0\_16QAM\_Low\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

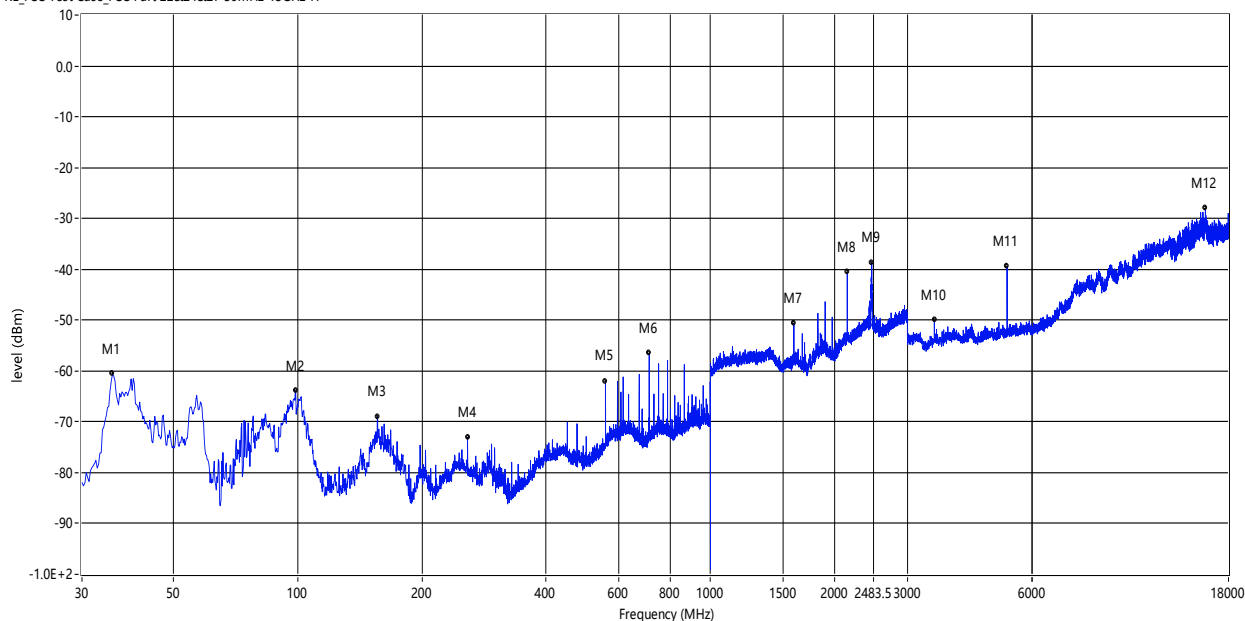


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.245          | -55.15       | -13.0       | -42.15          | Vertical | Pass    |
| 97.658          | -64.53       | -13.0       | -51.53          | Vertical | Pass    |
| 155.858         | -69.66       | -13.0       | -56.66          | Vertical | Pass    |
| 294.810         | -74.59       | -13.0       | -61.59          | Vertical | Pass    |
| 446.373         | -67.12       | -13.0       | -54.12          | Vertical | Pass    |
| 787.327         | -56.94       | -13.0       | -43.94          | Vertical | Pass    |
| 1190.000        | -49.83       | -13.0       | -36.83          | Vertical | Pass    |
| 2008.000        | -44.29       | -13.0       | -31.29          | Vertical | Pass    |
| 2454.500        | -32.20       | -13.0       | -19.20          | Vertical | Pass    |
| 5130.000        | -45.36       | -13.0       | -32.36          | Vertical | Pass    |
| 9342.500        | -38.71       | -13.0       | -25.71          | Vertical | Pass    |
| 15040.000       | -29.32       | -13.0       | -16.32          | Vertical | Pass    |



## Band 66\_1.4M\_1#0\_16QAM\_Mid\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

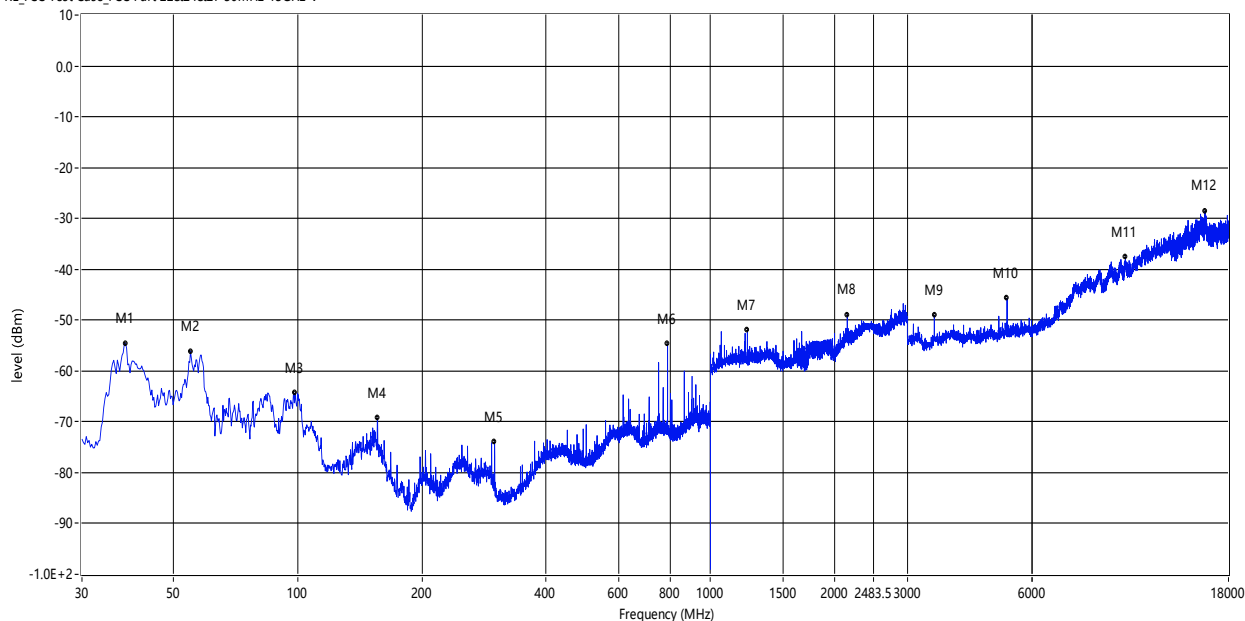


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.578          | -60.58       | -13.0       | -47.58          | Horizontal | Pass    |
| 98.870          | -63.88       | -13.0       | -50.88          | Horizontal | Pass    |
| 156.100         | -68.94       | -13.0       | -55.94          | Horizontal | Pass    |
| 257.950         | -73.08       | -13.0       | -60.08          | Horizontal | Pass    |
| 556.710         | -61.97       | -13.0       | -48.97          | Horizontal | Pass    |
| 710.455         | -56.45       | -13.0       | -43.45          | Horizontal | Pass    |
| 1593.000        | -50.59       | -13.0       | -37.59          | Horizontal | Pass    |
| 2145.000        | -40.50       | -13.0       | -27.50          | Horizontal | Pass    |
| 2459.000        | -38.62       | -13.0       | -25.62          | Horizontal | Pass    |
| 3487.500        | -49.98       | -13.0       | -36.98          | Horizontal | Pass    |
| 5232.500        | -39.38       | -13.0       | -26.38          | Horizontal | Pass    |
| 15822.500       | -28.05       | -13.0       | -15.05          | Horizontal | Pass    |



## Band 66\_1.4M\_1#0\_16QAM\_Mid\_Vertical

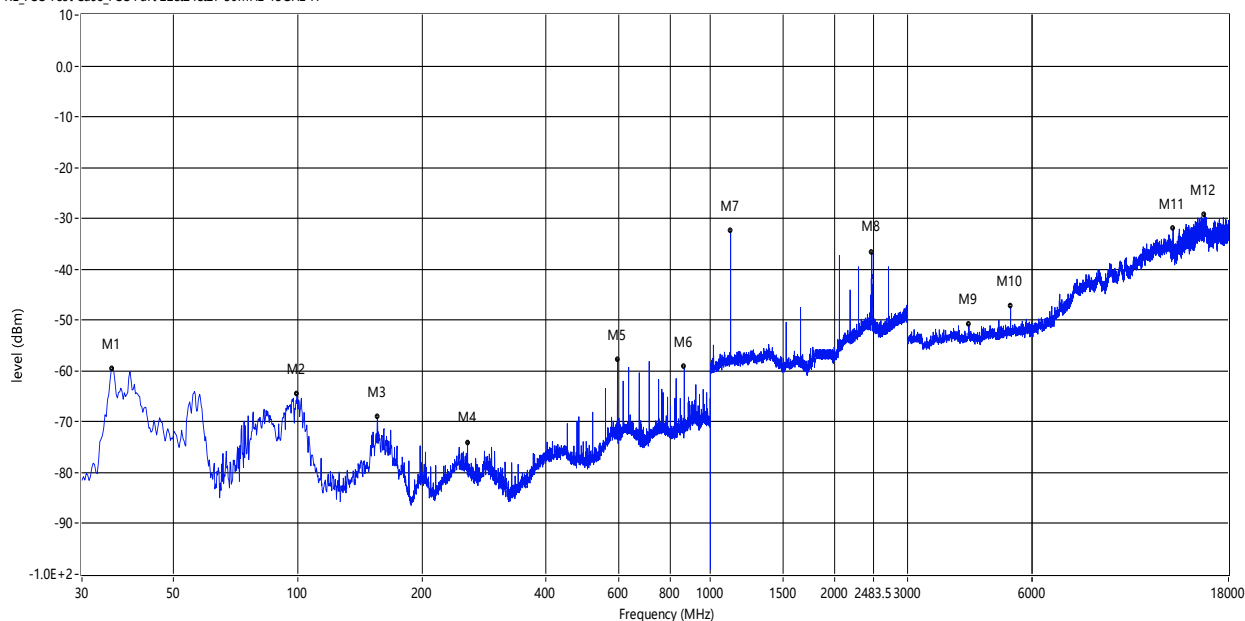
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.245          | -54.58       | -13.0       | -41.58          | Vertical | Pass    |
| 54.977          | -56.13       | -13.0       | -43.13          | Vertical | Pass    |
| 98.628          | -64.32       | -13.0       | -51.32          | Vertical | Pass    |
| 156.100         | -69.27       | -13.0       | -56.27          | Vertical | Pass    |
| 299.902         | -73.94       | -13.0       | -60.94          | Vertical | Pass    |
| 787.327         | -54.68       | -13.0       | -41.68          | Vertical | Pass    |
| 1229.000        | -52.05       | -13.0       | -39.05          | Vertical | Pass    |
| 2146.000        | -48.94       | -13.0       | -35.94          | Vertical | Pass    |
| 3487.500        | -49.06       | -13.0       | -36.06          | Vertical | Pass    |
| 5232.500        | -45.70       | -13.0       | -32.70          | Vertical | Pass    |
| 10135.000       | -37.55       | -13.0       | -24.55          | Vertical | Pass    |
| 15783.750       | -28.55       | -13.0       | -15.55          | Vertical | Pass    |

# Band 66\_1.4M\_1#5\_16QAM\_High\_Horizontal

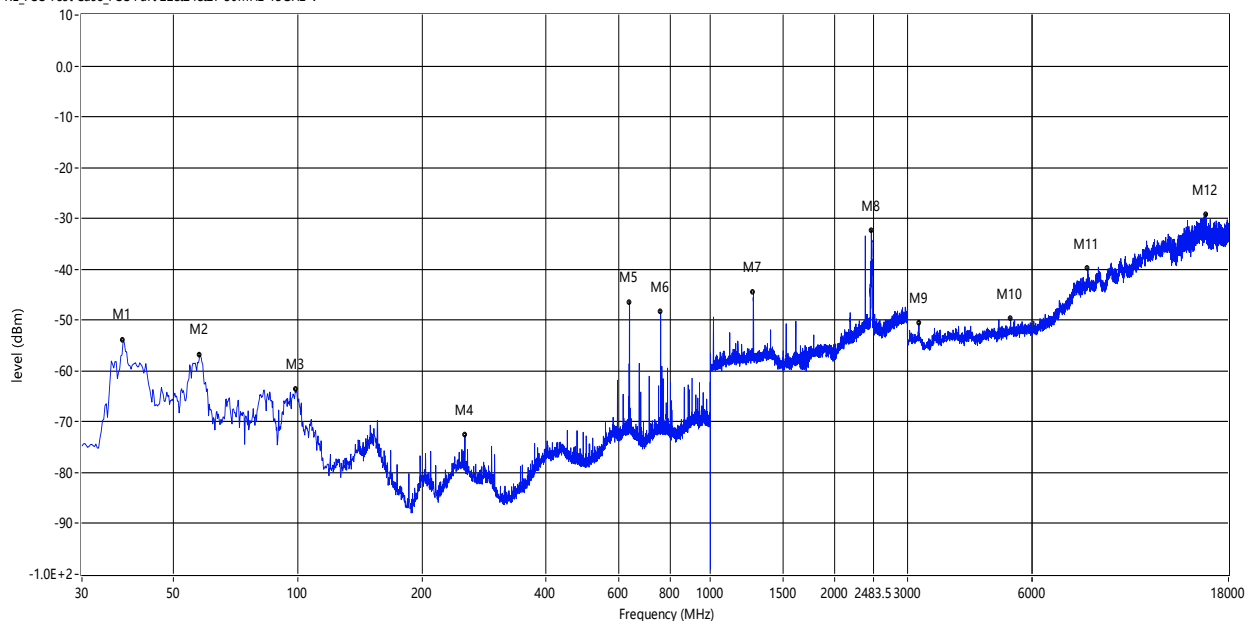
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.578          | -59.63       | -13.0       | -46.63          | Horizontal | Pass    |
| 99.598          | -64.48       | -13.0       | -51.48          | Horizontal | Pass    |
| 155.858         | -69.12       | -13.0       | -56.12          | Horizontal | Pass    |
| 257.950         | -74.12       | -13.0       | -61.12          | Horizontal | Pass    |
| 595.268         | -57.75       | -13.0       | -44.75          | Horizontal | Pass    |
| 864.200         | -59.04       | -13.0       | -46.04          | Horizontal | Pass    |
| 1119.500        | -32.46       | -13.0       | -19.46          | Horizontal | Pass    |
| 2459.000        | -36.72       | -13.0       | -23.72          | Horizontal | Pass    |
| 4230.000        | -50.85       | -13.0       | -37.85          | Horizontal | Pass    |
| 5337.500        | -47.31       | -13.0       | -34.31          | Horizontal | Pass    |
| 13208.750       | -31.98       | -13.0       | -18.98          | Horizontal | Pass    |
| 15750.000       | -29.17       | -13.0       | -16.17          | Horizontal | Pass    |

# Band 66\_1.4M\_1#5\_16QAM\_High\_Vertical

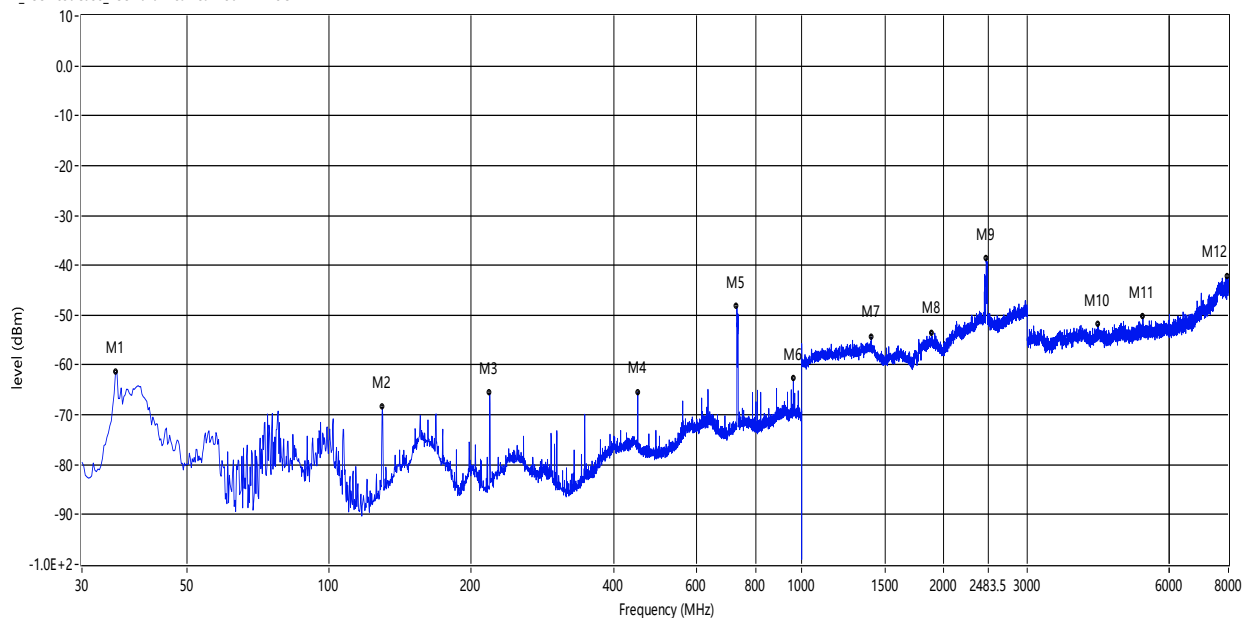
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.760          | -53.91       | -13.0       | -40.91          | Vertical | Pass    |
| 57.888          | -56.80       | -13.0       | -43.80          | Vertical | Pass    |
| 99.113          | -63.72       | -13.0       | -50.72          | Vertical | Pass    |
| 254.312         | -72.67       | -13.0       | -59.67          | Vertical | Pass    |
| 636.735         | -46.47       | -13.0       | -33.47          | Vertical | Pass    |
| 757.500         | -48.38       | -13.0       | -35.38          | Vertical | Pass    |
| 1271.000        | -44.59       | -13.0       | -31.59          | Vertical | Pass    |
| 2453.000        | -32.41       | -13.0       | -19.41          | Vertical | Pass    |
| 3200.000        | -50.63       | -13.0       | -37.63          | Vertical | Pass    |
| 5340.000        | -49.70       | -13.0       | -36.70          | Vertical | Pass    |
| 8215.000        | -39.87       | -13.0       | -26.87          | Vertical | Pass    |
| 15857.500       | -29.28       | -13.0       | -16.28          | Vertical | Pass    |

# Band 85\_5M\_1#0\_QPSK\_Low\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

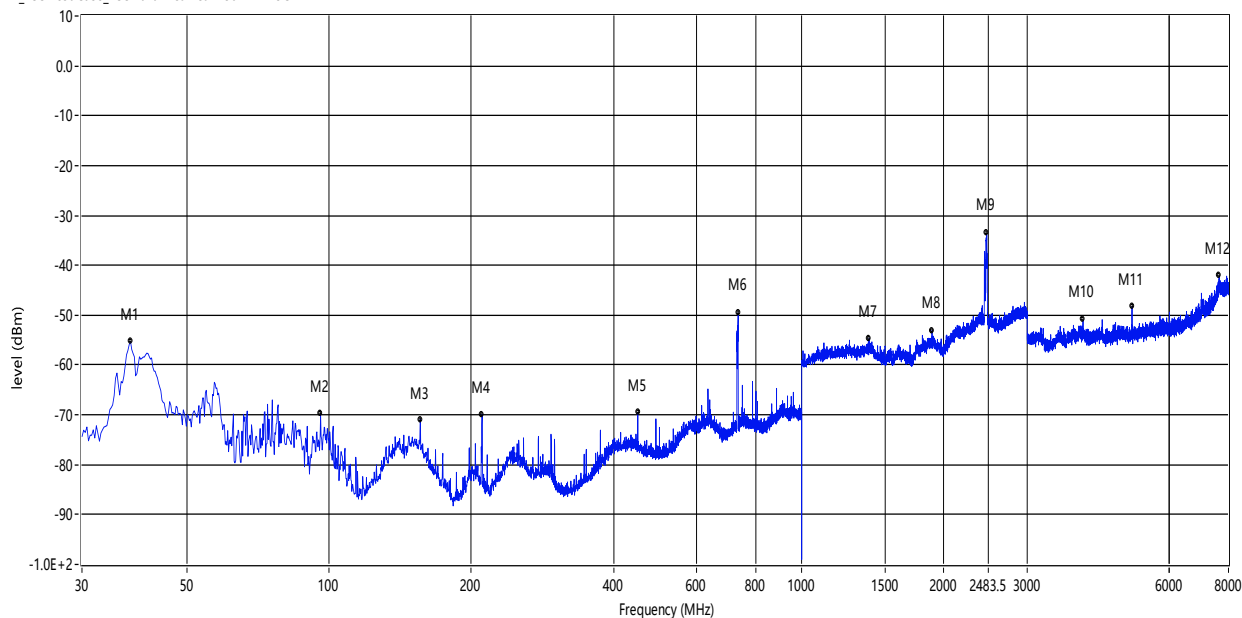


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 35.335          | -61.45       | -13.0       | -48.45          | Horizontal | Pass    |
| 129.667         | -68.42       | -13.0       | -55.42          | Horizontal | Pass    |
| 218.908         | -65.62       | -13.0       | -52.62          | Horizontal | Pass    |
| 450.010         | -65.48       | -13.0       | -52.48          | Horizontal | Pass    |
| 729.370         | -48.31       | -13.0       | -35.31          | Horizontal | Pass    |
| 960.230         | -62.81       | -13.0       | -49.81          | Horizontal | Pass    |
| 1403.000        | -54.38       | -13.0       | -41.38          | Horizontal | Pass    |
| 1882.500        | -53.57       | -13.0       | -40.57          | Horizontal | Pass    |
| 2459.000        | -38.65       | -13.0       | -25.65          | Horizontal | Pass    |
| 4231.250        | -51.86       | -13.0       | -38.86          | Horizontal | Pass    |
| 5273.750        | -50.38       | -13.0       | -37.38          | Horizontal | Pass    |
| 7943.750        | -42.39       | -13.0       | -29.39          | Horizontal | Pass    |



## Band 85\_5M\_1#0\_QPSK\_Low\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

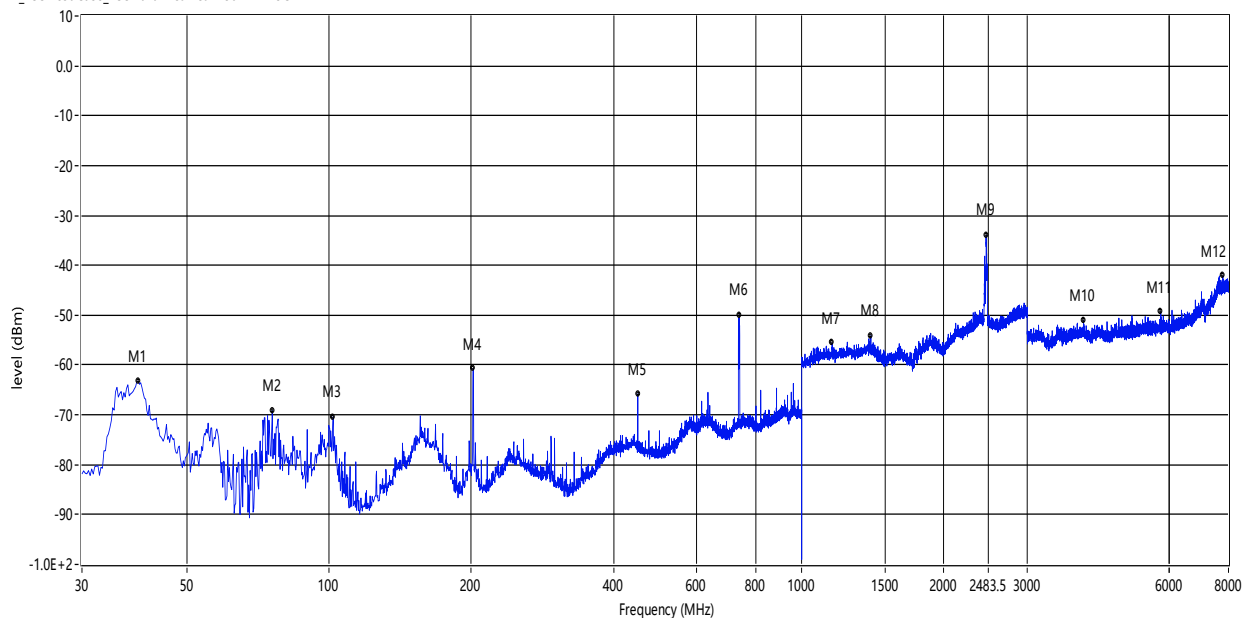


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -55.27       | -13.0       | -42.27          | Vertical | Pass    |
| 95.960          | -69.74       | -13.0       | -56.74          | Vertical | Pass    |
| 155.858         | -70.92       | -13.0       | -57.92          | Vertical | Pass    |
| 210.663         | -69.89       | -13.0       | -56.89          | Vertical | Pass    |
| 450.010         | -69.52       | -13.0       | -56.52          | Vertical | Pass    |
| 733.492         | -49.56       | -13.0       | -36.56          | Vertical | Pass    |
| 1389.000        | -54.62       | -13.0       | -41.62          | Vertical | Pass    |
| 1887.000        | -53.08       | -13.0       | -40.08          | Vertical | Pass    |
| 2463.500        | -33.57       | -13.0       | -20.57          | Vertical | Pass    |
| 3937.500        | -50.95       | -13.0       | -37.95          | Vertical | Pass    |
| 5000.000        | -48.30       | -13.0       | -35.30          | Vertical | Pass    |
| 7643.750        | -42.12       | -13.0       | -29.12          | Vertical | Pass    |



## Band 85\_5M\_1#0\_QPSK\_Mid\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

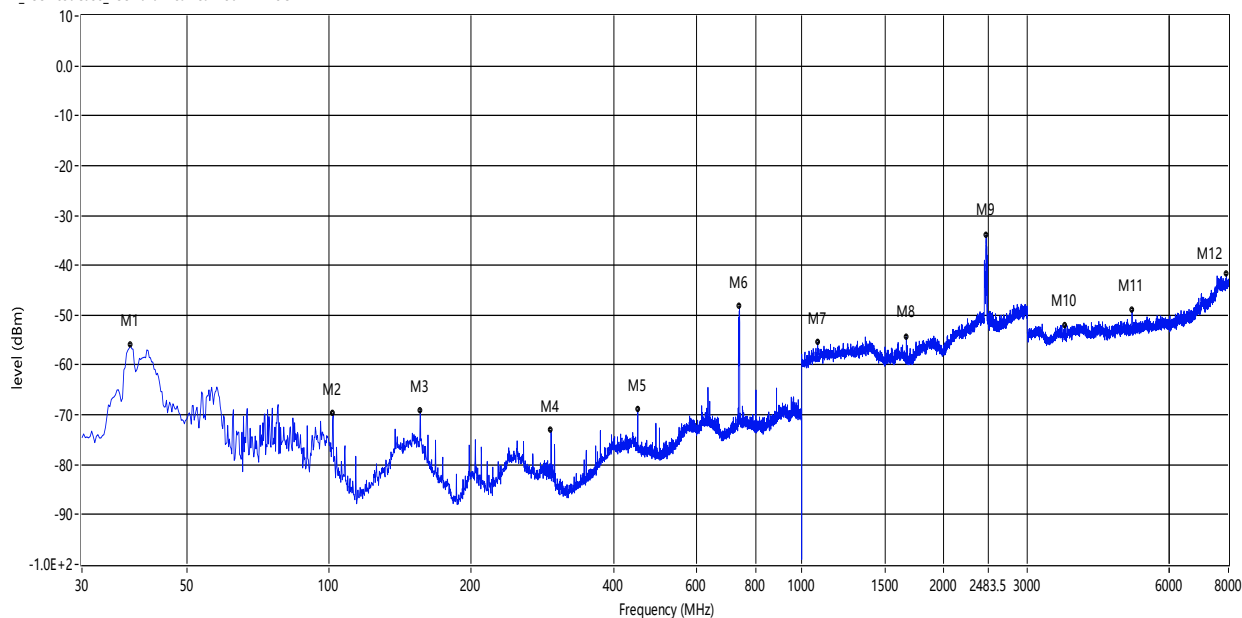


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.458          | -63.33       | -13.0       | -50.33          | Horizontal | Pass    |
| 75.832          | -69.14       | -13.0       | -56.14          | Horizontal | Pass    |
| 102.022         | -70.36       | -13.0       | -57.36          | Horizontal | Pass    |
| 201.690         | -60.69       | -13.0       | -47.69          | Horizontal | Pass    |
| 450.010         | -65.79       | -13.0       | -52.79          | Horizontal | Pass    |
| 738.343         | -49.96       | -13.0       | -36.96          | Horizontal | Pass    |
| 1159.500        | -55.52       | -13.0       | -42.52          | Horizontal | Pass    |
| 1401.000        | -54.11       | -13.0       | -41.11          | Horizontal | Pass    |
| 2458.000        | -33.92       | -13.0       | -20.92          | Horizontal | Pass    |
| 3950.000        | -51.02       | -13.0       | -38.02          | Horizontal | Pass    |
| 5752.500        | -49.32       | -13.0       | -36.32          | Horizontal | Pass    |
| 7783.750        | -42.14       | -13.0       | -29.14          | Horizontal | Pass    |



## Band 85\_5M\_1#0\_QPSK\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

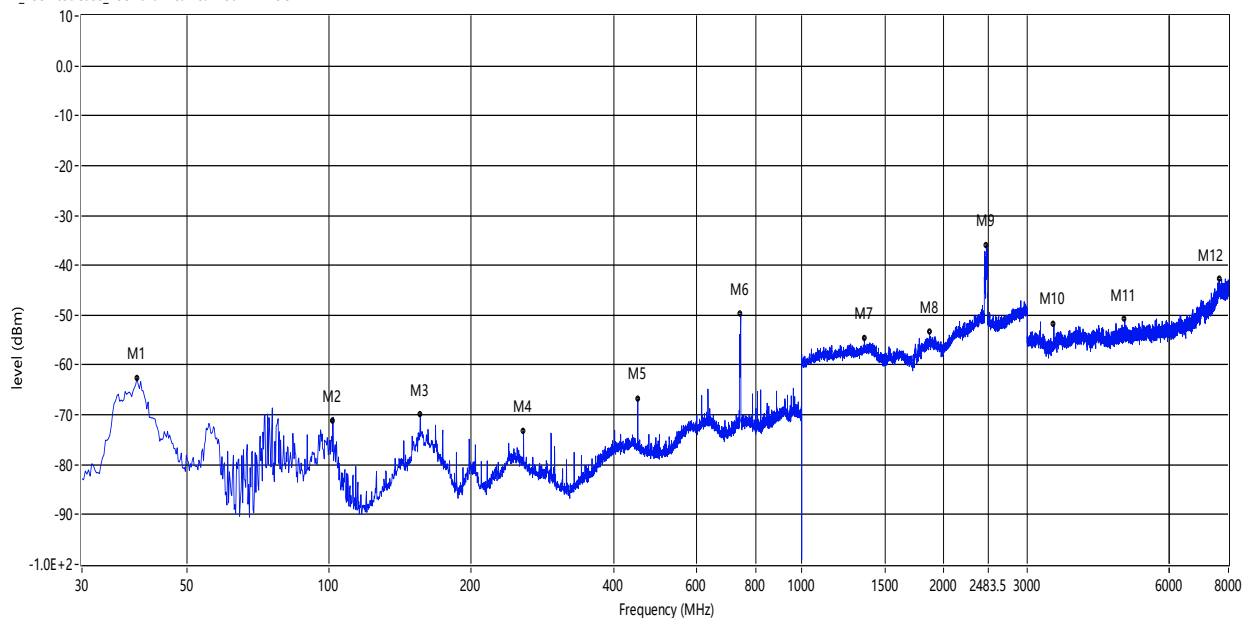


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -56.00       | -13.0       | -43.00          | Vertical | Pass    |
| 102.022         | -69.72       | -13.0       | -56.72          | Vertical | Pass    |
| 155.858         | -69.15       | -13.0       | -56.15          | Vertical | Pass    |
| 294.810         | -73.13       | -13.0       | -60.13          | Vertical | Pass    |
| 450.010         | -69.05       | -13.0       | -56.05          | Vertical | Pass    |
| 738.828         | -48.35       | -13.0       | -35.35          | Vertical | Pass    |
| 1081.500        | -55.44       | -13.0       | -42.44          | Vertical | Pass    |
| 1665.000        | -54.35       | -13.0       | -41.35          | Vertical | Pass    |
| 2455.500        | -33.90       | -13.0       | -20.90          | Vertical | Pass    |
| 3603.750        | -52.06       | -13.0       | -39.06          | Vertical | Pass    |
| 5000.000        | -49.05       | -13.0       | -36.05          | Vertical | Pass    |
| 7917.500        | -41.88       | -13.0       | -28.88          | Vertical | Pass    |



## Band 85\_5M\_1#5\_QPSK\_High\_Horizontal

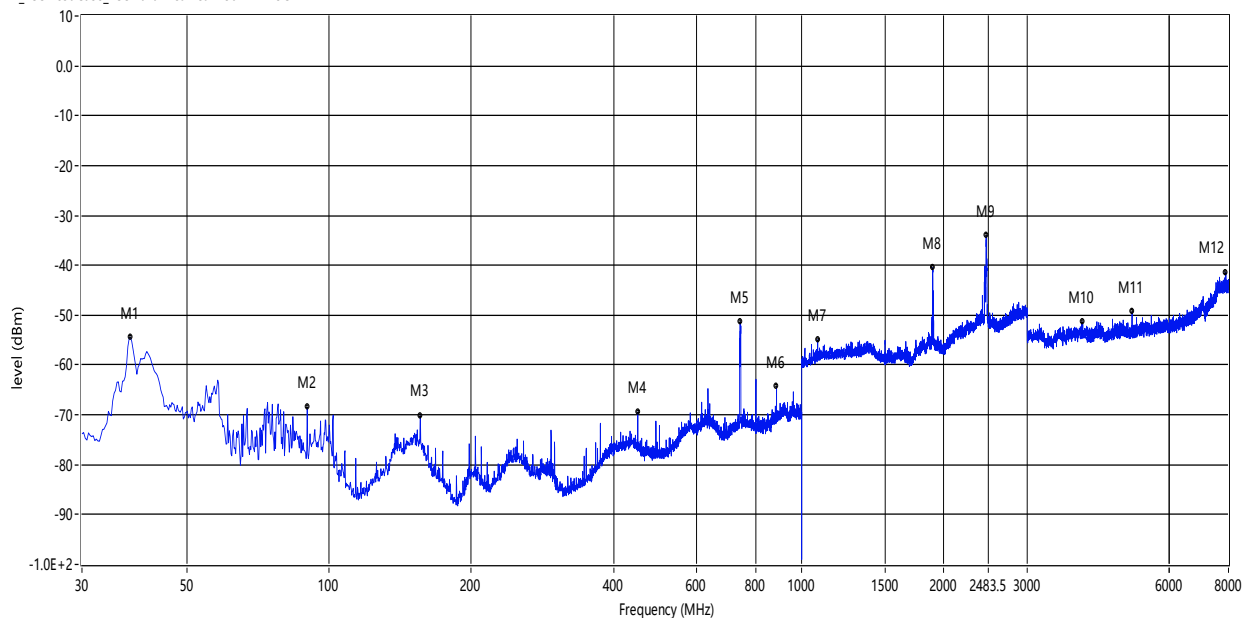
RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.215          | -62.66       | -13.0       | -49.66          | Horizontal | Pass    |
| 101.780         | -71.25       | -13.0       | -58.25          | Horizontal | Pass    |
| 155.858         | -70.03       | -13.0       | -57.03          | Horizontal | Pass    |
| 257.950         | -73.26       | -13.0       | -60.26          | Horizontal | Pass    |
| 450.010         | -66.77       | -13.0       | -53.77          | Horizontal | Pass    |
| 743.193         | -49.90       | -13.0       | -36.90          | Horizontal | Pass    |
| 1357.500        | -54.65       | -13.0       | -41.65          | Horizontal | Pass    |
| 1864.500        | -53.52       | -13.0       | -40.52          | Horizontal | Pass    |
| 2458.500        | -35.99       | -13.0       | -22.99          | Horizontal | Pass    |
| 3417.500        | -51.78       | -13.0       | -38.78          | Horizontal | Pass    |
| 4827.500        | -50.80       | -13.0       | -37.80          | Horizontal | Pass    |
| 7657.500        | -42.89       | -13.0       | -29.89          | Horizontal | Pass    |

# Band 85\_5M\_1#5\_QPSK\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

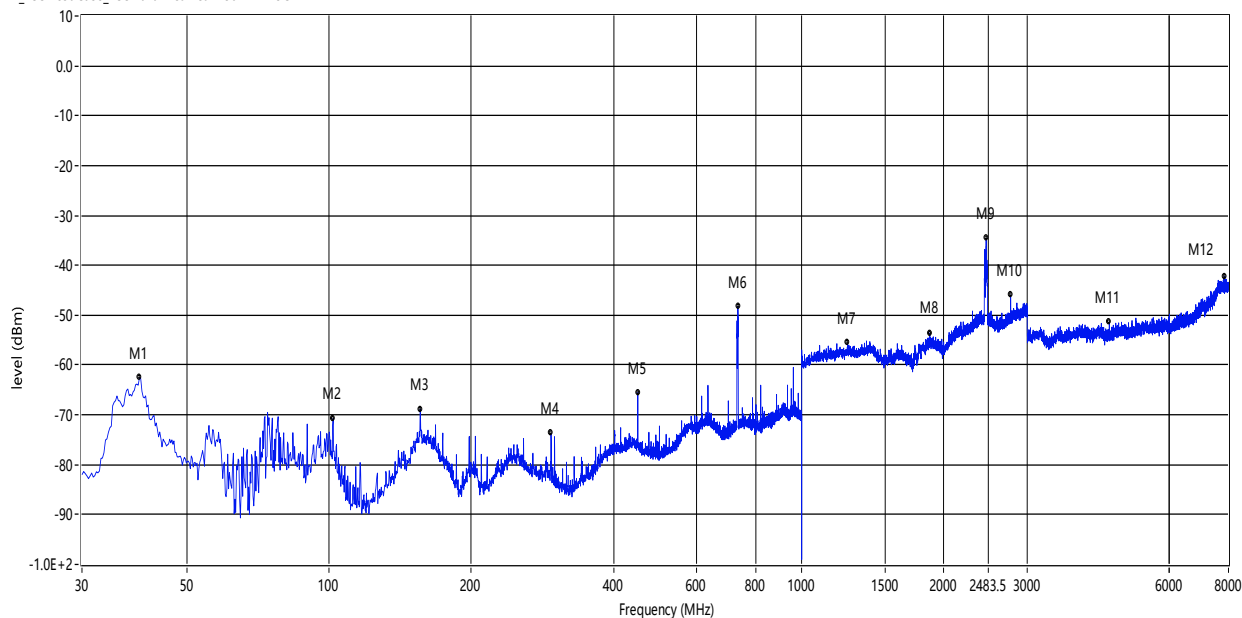


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.002          | -54.43       | -13.0       | -41.43          | Vertical | Pass    |
| 89.897          | -68.46       | -13.0       | -55.46          | Vertical | Pass    |
| 155.858         | -70.18       | -13.0       | -57.18          | Vertical | Pass    |
| 450.010         | -69.43       | -13.0       | -56.43          | Vertical | Pass    |
| 742.465         | -51.35       | -13.0       | -38.35          | Vertical | Pass    |
| 884.812         | -64.34       | -13.0       | -51.34          | Vertical | Pass    |
| 1081.500        | -54.95       | -13.0       | -41.95          | Vertical | Pass    |
| 1893.500        | -40.44       | -13.0       | -27.44          | Vertical | Pass    |
| 2456.500        | -34.06       | -13.0       | -21.06          | Vertical | Pass    |
| 3921.250        | -51.33       | -13.0       | -38.33          | Vertical | Pass    |
| 5000.000        | -49.35       | -13.0       | -36.35          | Vertical | Pass    |
| 7898.750        | -41.47       | -13.0       | -28.47          | Vertical | Pass    |



## Band 85\_5M\_1#0\_16QAM\_Low\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

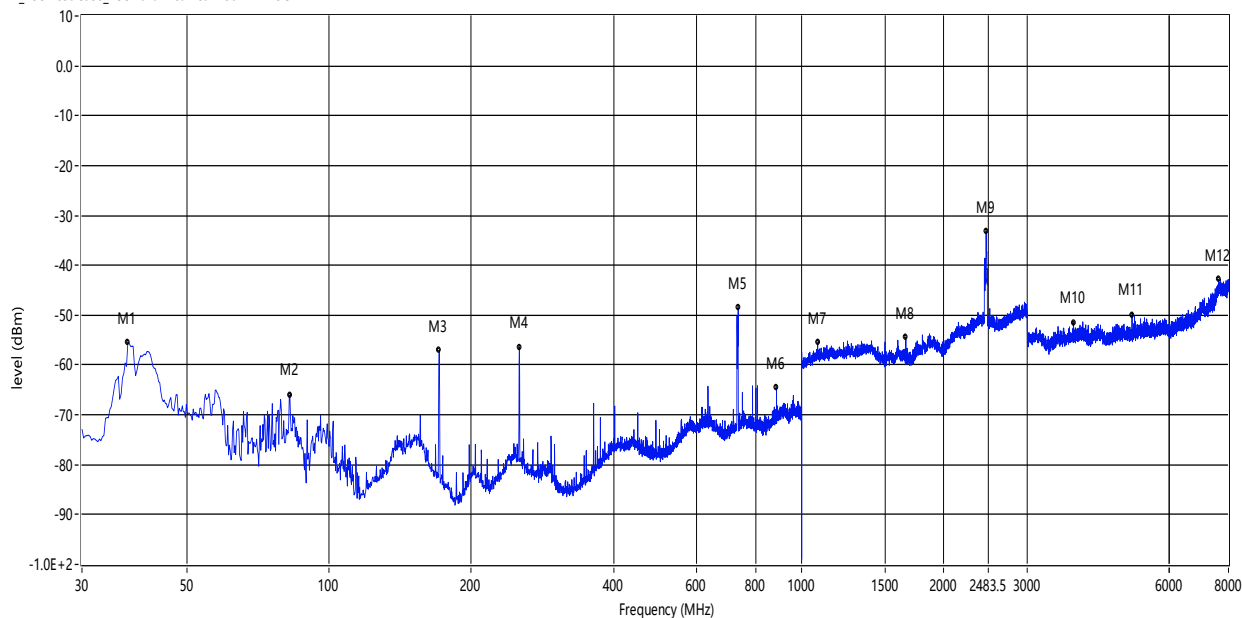


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.700          | -62.60       | -13.0       | -49.60          | Horizontal | Pass    |
| 102.022         | -70.70       | -13.0       | -57.70          | Horizontal | Pass    |
| 155.858         | -68.83       | -13.0       | -55.83          | Horizontal | Pass    |
| 294.810         | -73.71       | -13.0       | -60.71          | Horizontal | Pass    |
| 450.010         | -65.53       | -13.0       | -52.53          | Horizontal | Pass    |
| 733.007         | -48.20       | -13.0       | -35.20          | Horizontal | Pass    |
| 1250.000        | -55.61       | -13.0       | -42.61          | Horizontal | Pass    |
| 1866.500        | -53.57       | -13.0       | -40.57          | Horizontal | Pass    |
| 2456.000        | -34.53       | -13.0       | -21.53          | Horizontal | Pass    |
| 2768.500        | -45.95       | -13.0       | -32.95          | Horizontal | Pass    |
| 4476.250        | -51.39       | -13.0       | -38.39          | Horizontal | Pass    |
| 7857.500        | -42.23       | -13.0       | -29.23          | Horizontal | Pass    |



## Band 85\_5M\_1#0\_16QAM\_Low\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

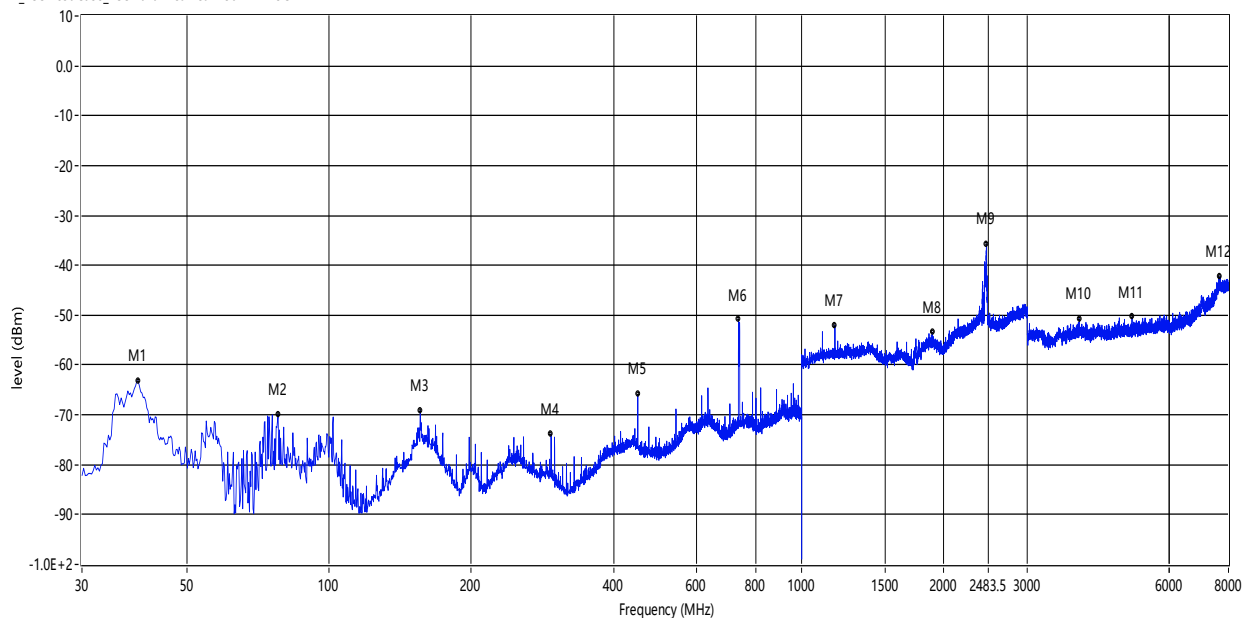


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.517          | -55.45       | -13.0       | -42.45          | Vertical | Pass    |
| 82.622          | -66.02       | -13.0       | -53.02          | Vertical | Pass    |
| 170.892         | -57.08       | -13.0       | -44.08          | Vertical | Pass    |
| 252.615         | -56.46       | -13.0       | -43.46          | Vertical | Pass    |
| 733.735         | -48.61       | -13.0       | -35.61          | Vertical | Pass    |
| 884.812         | -64.64       | -13.0       | -51.64          | Vertical | Pass    |
| 1081.500        | -55.53       | -13.0       | -42.53          | Vertical | Pass    |
| 1661.000        | -54.46       | -13.0       | -41.46          | Vertical | Pass    |
| 2456.000        | -33.22       | -13.0       | -20.22          | Vertical | Pass    |
| 3757.500        | -51.49       | -13.0       | -38.49          | Vertical | Pass    |
| 5000.000        | -49.95       | -13.0       | -36.95          | Vertical | Pass    |
| 7626.250        | -42.92       | -13.0       | -29.92          | Vertical | Pass    |



## Band 85\_5M\_1#0\_16QAM\_Mid\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

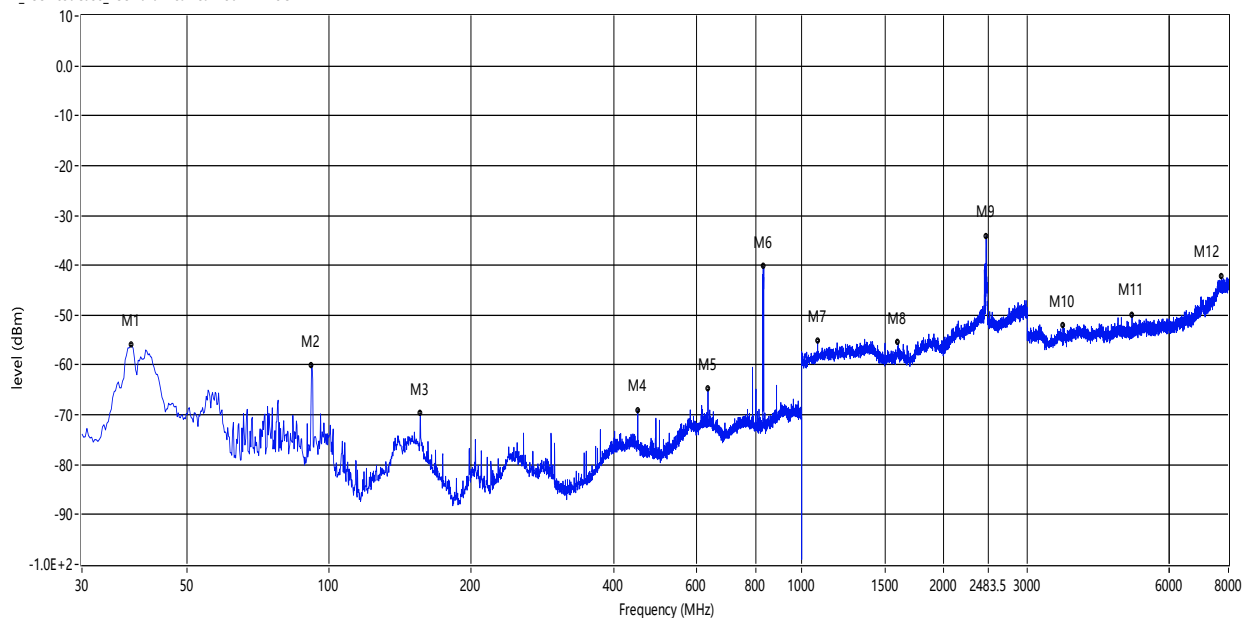


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.458          | -63.28       | -13.0       | -50.28          | Horizontal | Pass    |
| 78.015          | -69.89       | -13.0       | -56.89          | Horizontal | Pass    |
| 155.858         | -69.12       | -13.0       | -56.12          | Horizontal | Pass    |
| 294.810         | -73.81       | -13.0       | -60.81          | Horizontal | Pass    |
| 450.010         | -65.89       | -13.0       | -52.89          | Horizontal | Pass    |
| 735.190         | -50.78       | -13.0       | -37.78          | Horizontal | Pass    |
| 1176.000        | -51.99       | -13.0       | -38.99          | Horizontal | Pass    |
| 1891.500        | -53.42       | -13.0       | -40.42          | Horizontal | Pass    |
| 2459.000        | -35.72       | -13.0       | -22.72          | Horizontal | Pass    |
| 3870.000        | -50.73       | -13.0       | -37.73          | Horizontal | Pass    |
| 5000.000        | -50.38       | -13.0       | -37.38          | Horizontal | Pass    |
| 7678.750        | -42.18       | -13.0       | -29.18          | Horizontal | Pass    |



## Band 85\_5M\_1#0\_16QAM\_Mid\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V

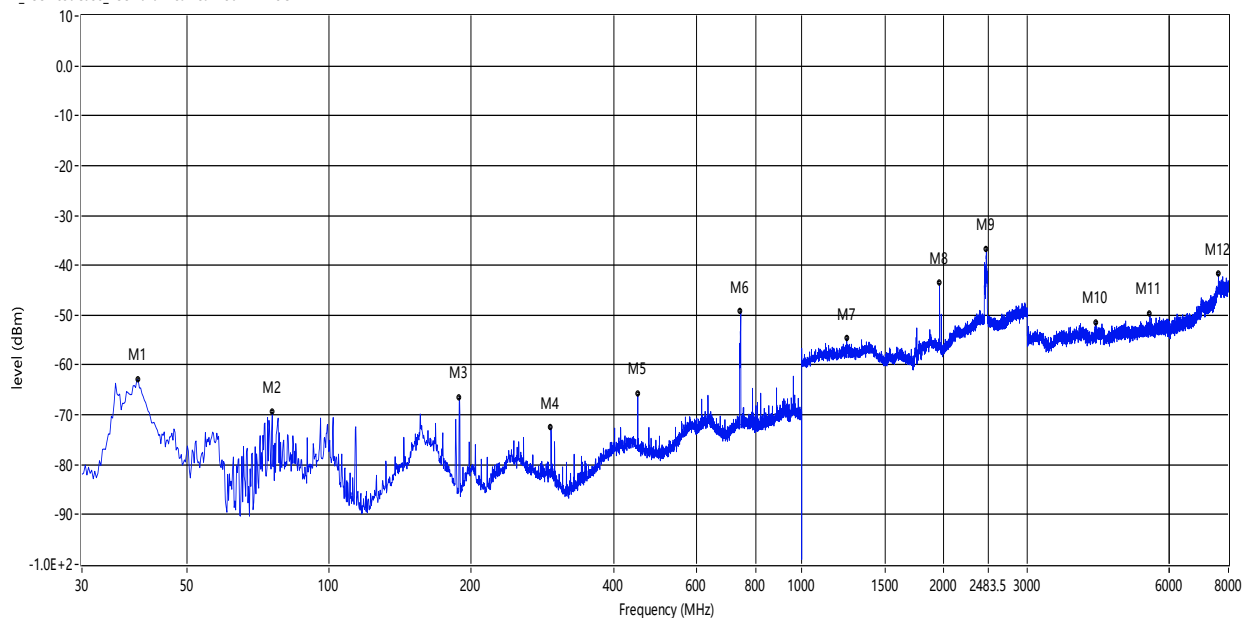


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 38.245          | -56.12       | -13.0       | -43.12          | Vertical | Pass    |
| 91.838          | -60.22       | -13.0       | -47.22          | Vertical | Pass    |
| 155.858         | -69.74       | -13.0       | -56.74          | Vertical | Pass    |
| 450.010         | -69.13       | -13.0       | -56.13          | Vertical | Pass    |
| 633.340         | -64.88       | -13.0       | -51.88          | Vertical | Pass    |
| 829.038         | -40.27       | -13.0       | -27.27          | Vertical | Pass    |
| 1081.500        | -55.24       | -13.0       | -42.24          | Vertical | Pass    |
| 1600.000        | -55.59       | -13.0       | -42.59          | Vertical | Pass    |
| 2456.500        | -34.14       | -13.0       | -21.14          | Vertical | Pass    |
| 3572.500        | -52.15       | -13.0       | -39.15          | Vertical | Pass    |
| 5000.000        | -49.94       | -13.0       | -36.94          | Vertical | Pass    |
| 7740.000        | -42.38       | -13.0       | -29.38          | Vertical | Pass    |



## Band 85\_5M\_1#5\_16QAM\_High\_Horizontal

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-H

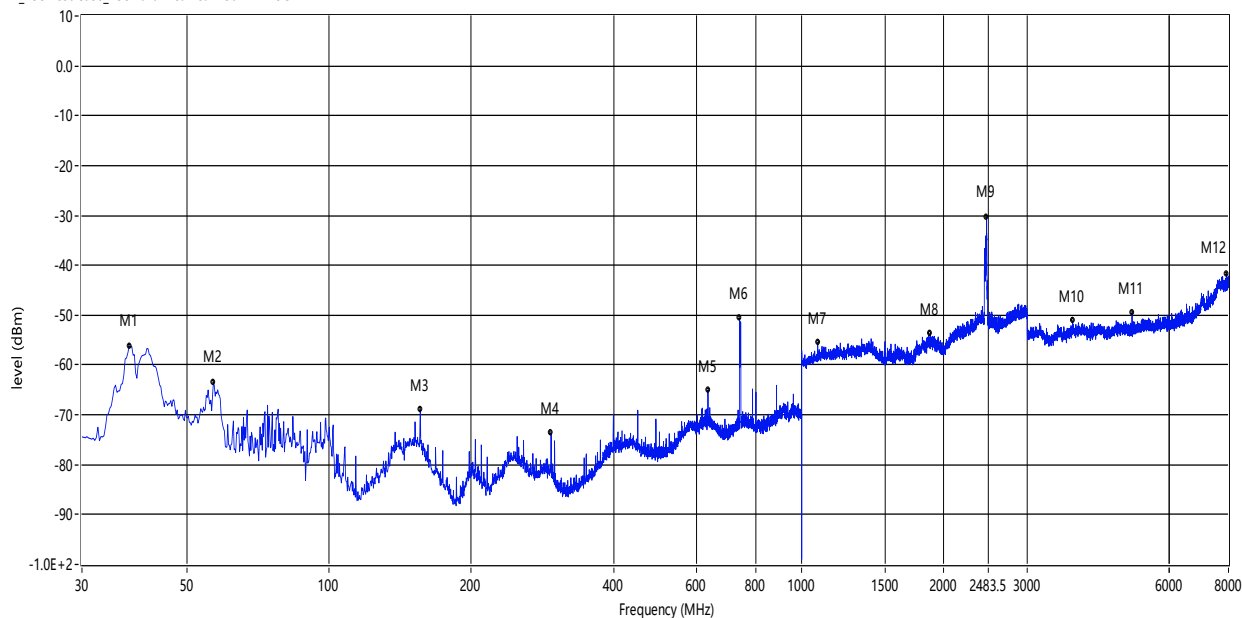


| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT        | Verdict |
|-----------------|--------------|-------------|-----------------|------------|---------|
| 39.458          | -63.00       | -13.0       | -50.00          | Horizontal | Pass    |
| 75.832          | -69.46       | -13.0       | -56.46          | Horizontal | Pass    |
| 188.837         | -66.51       | -13.0       | -53.51          | Horizontal | Pass    |
| 294.810         | -72.60       | -13.0       | -59.60          | Horizontal | Pass    |
| 450.010         | -65.95       | -13.0       | -52.95          | Horizontal | Pass    |
| 743.193         | -49.28       | -13.0       | -36.28          | Horizontal | Pass    |
| 1246.000        | -54.68       | -13.0       | -41.68          | Horizontal | Pass    |
| 1957.500        | -43.68       | -13.0       | -30.68          | Horizontal | Pass    |
| 2458.500        | -36.77       | -13.0       | -23.77          | Horizontal | Pass    |
| 4191.250        | -51.50       | -13.0       | -38.50          | Horizontal | Pass    |
| 5457.500        | -49.72       | -13.0       | -36.72          | Horizontal | Pass    |
| 7620.000        | -41.72       | -13.0       | -28.72          | Horizontal | Pass    |



## Band 85\_5M\_1#5\_16QAM\_High\_Vertical

RE\_FCC Test Case\_FCC Part 22&amp;24&amp;27 30MHz-13GHz-V



| Frequency (MHz) | Result (dBm) | Limit (dBm) | Over Limit (dB) | ANT      | Verdict |
|-----------------|--------------|-------------|-----------------|----------|---------|
| 37.760          | -56.19       | -13.0       | -43.19          | Vertical | Pass    |
| 56.917          | -63.42       | -13.0       | -50.42          | Vertical | Pass    |
| 155.858         | -69.05       | -13.0       | -56.05          | Vertical | Pass    |
| 294.810         | -73.58       | -13.0       | -60.58          | Vertical | Pass    |
| 633.340         | -65.02       | -13.0       | -52.02          | Vertical | Pass    |
| 739.070         | -50.66       | -13.0       | -37.66          | Vertical | Pass    |
| 1082.000        | -55.48       | -13.0       | -42.48          | Vertical | Pass    |
| 1869.000        | -53.73       | -13.0       | -40.73          | Vertical | Pass    |
| 2461.000        | -30.27       | -13.0       | -17.27          | Vertical | Pass    |
| 3745.000        | -51.15       | -13.0       | -38.15          | Vertical | Pass    |
| 5000.000        | -49.49       | -13.0       | -36.49          | Vertical | Pass    |
| 7928.750        | -41.68       | -13.0       | -28.68          | Vertical | Pass    |