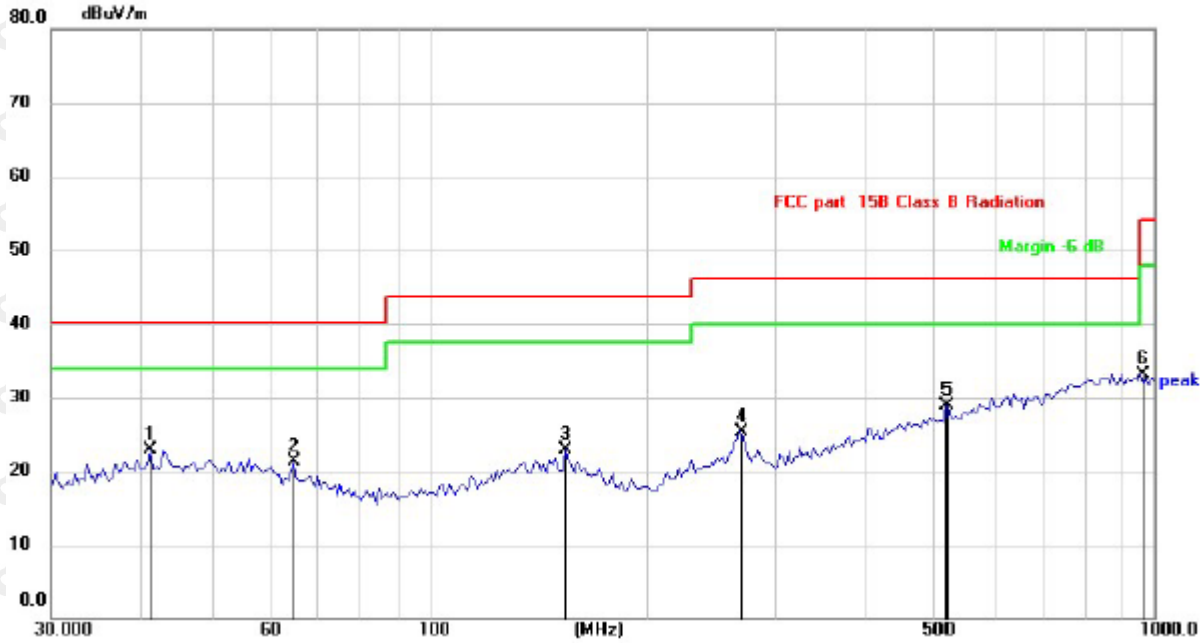
7.4 Test Result

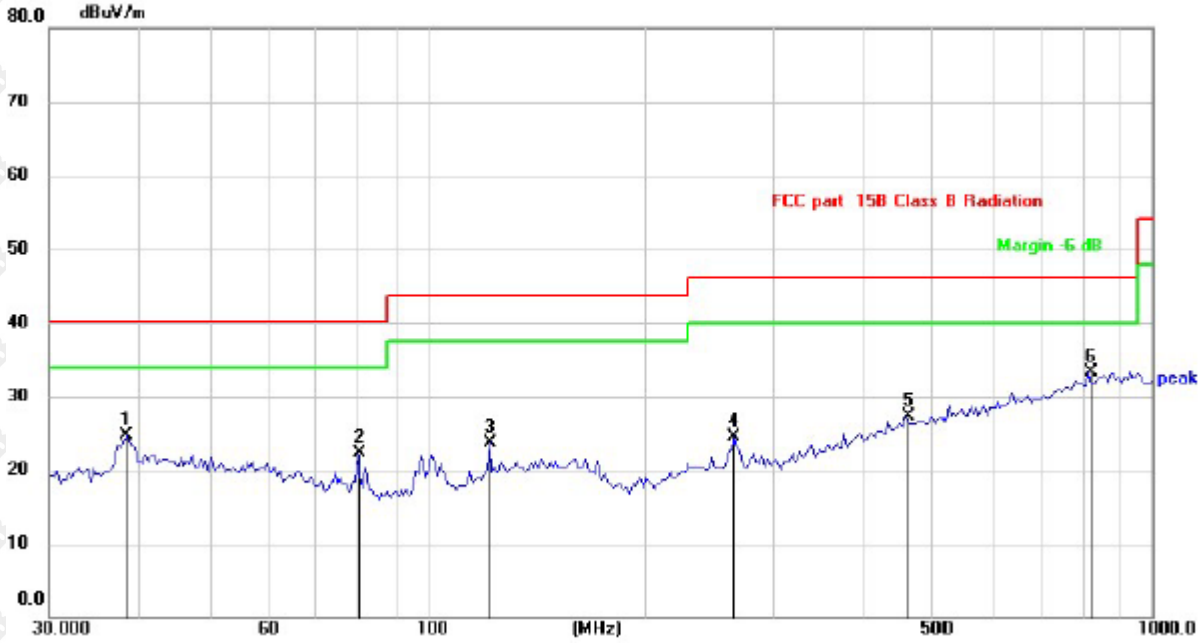
Below 1GHz Test Results:
Antenna polarity: H




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector |
| 1 | | 41.1320 | 28.24 | -5.31 | 22.93 | 40.00 | -17.07 | QP |
| 2 | | 64.8865 | 28.27 | -7.03 | 21.24 | 40.00 | -18.76 | QP |
| 3 | | 154.5493 | 28.50 | -5.53 | 22.97 | 43.50 | -20.53 | QP |
| 4 | | 268.4853 | 30.81 | -5.52 | 25.29 | 46.00 | -20.71 | QP |
| 5 | | 518.1556 | 27.76 | 1.05 | 28.81 | 46.00 | -17.19 | QP |
| 6 | * | 957.1148 | 27.34 | 5.86 | 33.20 | 46.00 | -12.80 | QP |

Remark: Factor = Cable lose + Antenna factor - Pre-amplifier; Margin = Measurement – Limit

Antenna polarity: V




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector |
| 1 | | 38.3462 | 30.37 | -5.67 | 24.70 | 40.00 | -15.30 | QP |
| 2 | | 80.0806 | 32.07 | -9.76 | 22.31 | 40.00 | -17.69 | QP |
| 3 | | 121.9755 | 30.38 | -6.74 | 23.64 | 43.50 | -19.86 | QP |
| 4 | | 266.1419 | 30.10 | -5.54 | 24.56 | 46.00 | -21.44 | QP |
| 5 | | 458.3102 | 27.51 | -0.29 | 27.22 | 46.00 | -18.78 | QP |
| 6 | * | 817.3997 | 27.21 | 6.06 | 33.27 | 46.00 | -12.73 | QP |

Remark: Factor = Cable lose + Antenna factor - Pre-amplifier; Margin = Measurement – Limit

Above 1 GHz Test Results:

CH Low (2446MHz)
Horizontal:

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector Type |
|---|---|---|---|---|---|---|
| 2446 | 111.09 | -5.84 | 105.25 | N/A | N/A | peak |
| 2446 | 92.78 | -5.84 | 86.94 | N/A | N/A | AVG |
| 4892 | 58.89 | -3.64 | 55.25 | 74 | -18.75 | peak |
| 4892 | 47.92 | -3.64 | 44.28 | 54 | -9.72 | AVG |
| 7338 | 58.56 | -0.95 | 57.61 | 74 | -16.39 | peak |
| 7338 | 49.66 | -0.95 | 48.71 | 54 | -5.29 | AVG |
| Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

Vertical:

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector Type |
|---|---|---|---|---|---|---|
| 2446 | 109.72 | -5.84 | 103.88 | N/A | N/A | peak |
| 2446 | 93.59 | -5.84 | 87.75 | N/A | N/A | AVG |
| 4892 | 59.08 | -3.64 | 55.44 | 74 | -18.56 | peak |
| 4892 | 48.30 | -3.64 | 44.66 | 54 | -9.34 | AVG |
| 7338 | 58.61 | -0.95 | 57.66 | 74 | -16.34 | peak |
| 7338 | 48.12 | -0.95 | 47.17 | 54 | -6.83 | AVG |
| Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |