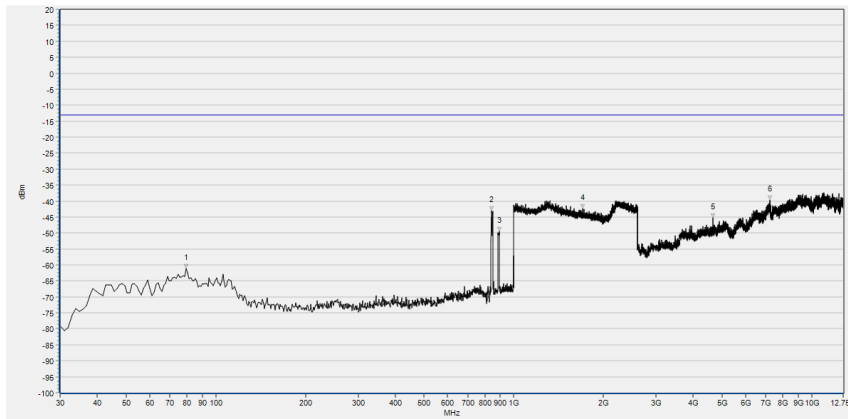
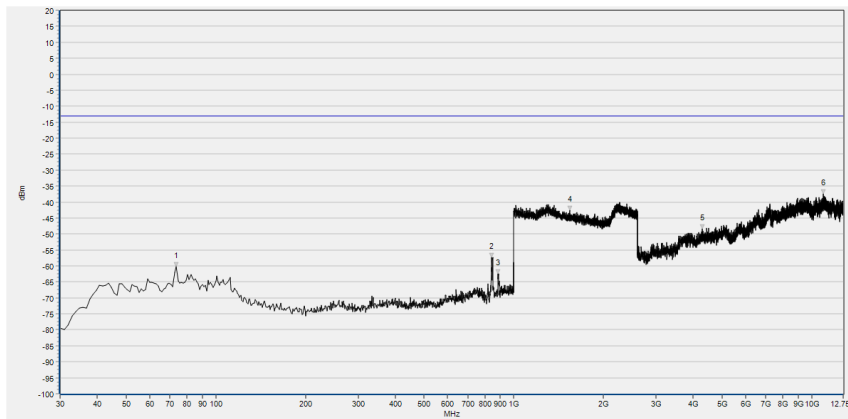


LTE Band 5, 10MHz BW, High Channel, QPSK

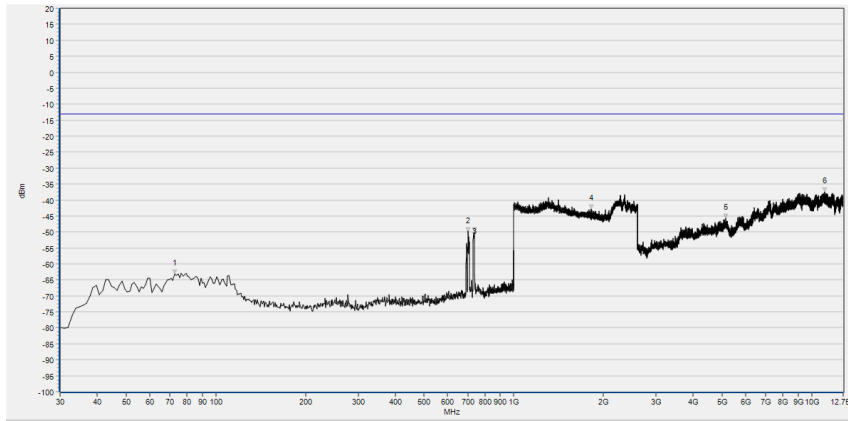


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 79.470 | -61.12 | -13.00 | Horizontal | PASS |
| 2 | 843.830 | -42.93 | -13.00 | Horizontal | N/A |
| 3 | 893.300 | -49.60 | -13.00 | Horizontal | N/A |
| 4 | 1700.440 | -42.25 | -13.00 | Horizontal | PASS |
| 5 | 4656.210 | -45.23 | -13.00 | Horizontal | PASS |
| 6 | 7223.704 | -39.72 | -13.00 | Horizontal | PASS |

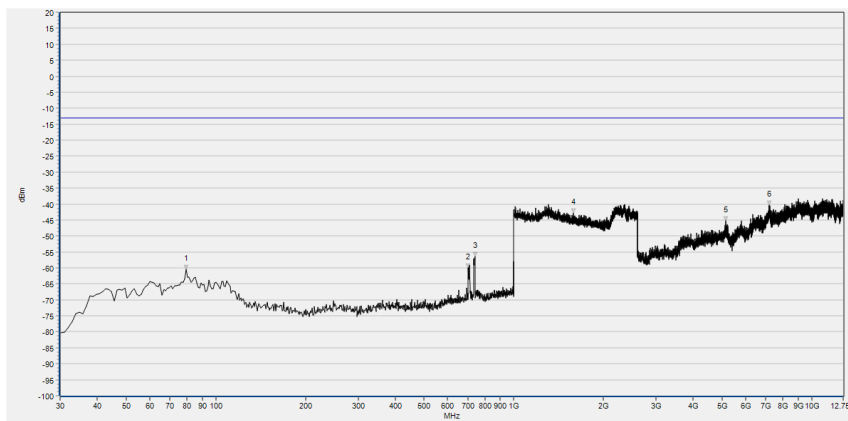


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 73.650 | -60.33 | -13.00 | Vertical | PASS |
| 2 | 843.830 | -57.26 | -13.00 | Vertical | N/A |
| 3 | 884.570 | -62.39 | -13.00 | Vertical | N/A |
| 4 | 1537.815 | -42.60 | -13.00 | Vertical | PASS |
| 5 | 4281.515 | -48.35 | -13.00 | Vertical | PASS |
| 6 | 10957.738 | -37.52 | -13.00 | Vertical | PASS |

LTE Band 12, 10MHz BW, Low Channel, QPSK



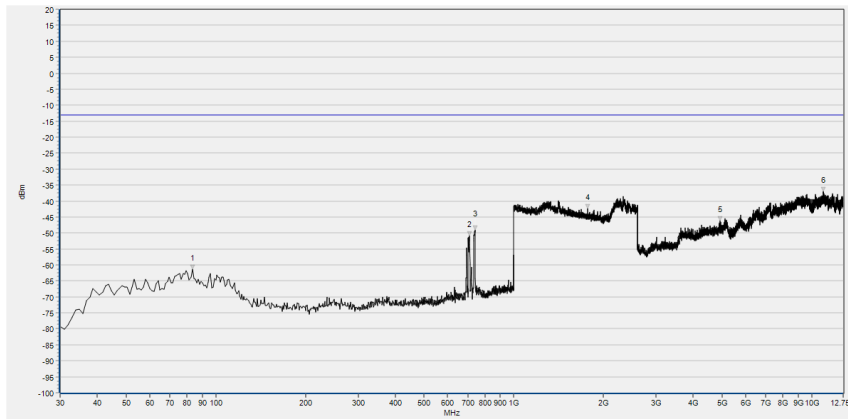
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 72.680 | -63.04 | -13.00 | Horizontal | PASS |
| 2 | 702.210 | -49.91 | -13.00 | Horizontal | N/A |
| 3 | 738.100 | -49.90 | -13.00 | Horizontal | N/A |
| 4 | 1822.729 | -42.85 | -13.00 | Horizontal | PASS |
| 5 | 5143.499 | -45.77 | -13.00 | Horizontal | PASS |
| 6 | 11053.719 | -37.50 | -13.00 | Horizontal | PASS |



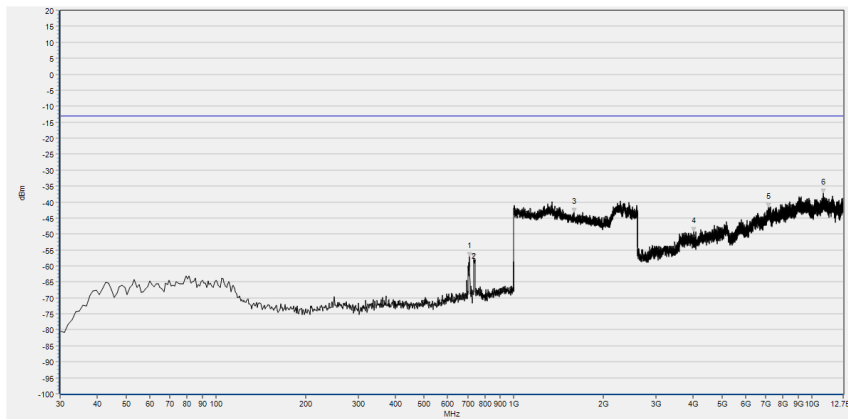
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 79.470 | -60.38 | -13.00 | Vertical | PASS |
| 2 | 703.180 | -60.08 | -13.00 | Vertical | N/A |
| 3 | 740.040 | -56.32 | -13.00 | Vertical | N/A |
| 4 | 1587.755 | -42.83 | -13.00 | Vertical | PASS |
| 5 | 5152.728 | -45.19 | -13.00 | Vertical | PASS |
| 6 | 7188.634 | -40.34 | -13.00 | Vertical | PASS |



LTE Band 12, 10MHz BW, Mid Channel, QPSK

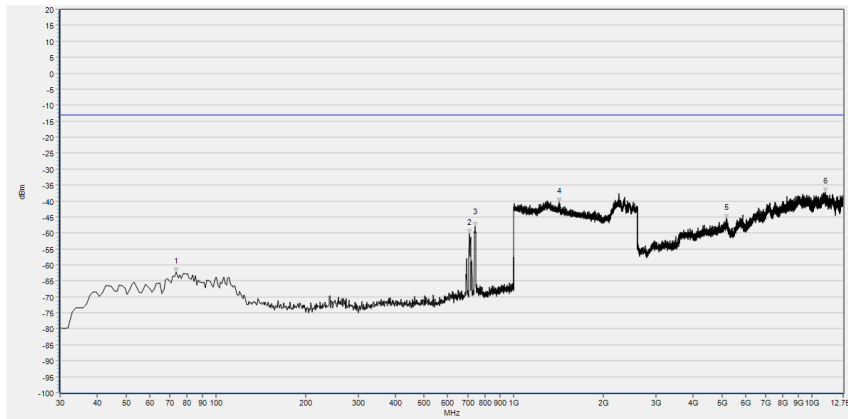


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 83.350 | -61.39 | -13.00 | Horizontal | PASS |
| 2 | 709.000 | -50.90 | -13.00 | Horizontal | N/A |
| 3 | 741.980 | -49.05 | -13.00 | Horizontal | N/A |
| 4 | 1767.027 | -42.40 | -13.00 | Horizontal | PASS |
| 5 | 4923.850 | -46.08 | -13.00 | Horizontal | PASS |
| 6 | 10930.051 | -36.99 | -13.00 | Horizontal | PASS |

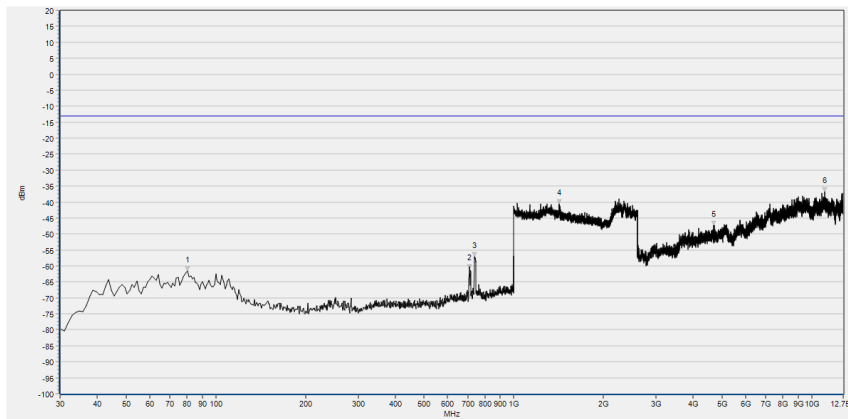


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 709.970 | -57.02 | -13.00 | Vertical | N/A |
| 2 | 735.190 | -57.64 | -13.00 | Vertical | N/A |
| 3 | 1594.158 | -43.26 | -13.00 | Vertical | PASS |
| 4 | 4012.029 | -49.28 | -13.00 | Vertical | PASS |
| 5 | 7164.639 | -41.61 | -13.00 | Vertical | PASS |
| 6 | 10959.584 | -37.28 | -13.00 | Vertical | PASS |

LTE Band 12, 10MHz BW, High Channel, QPSK

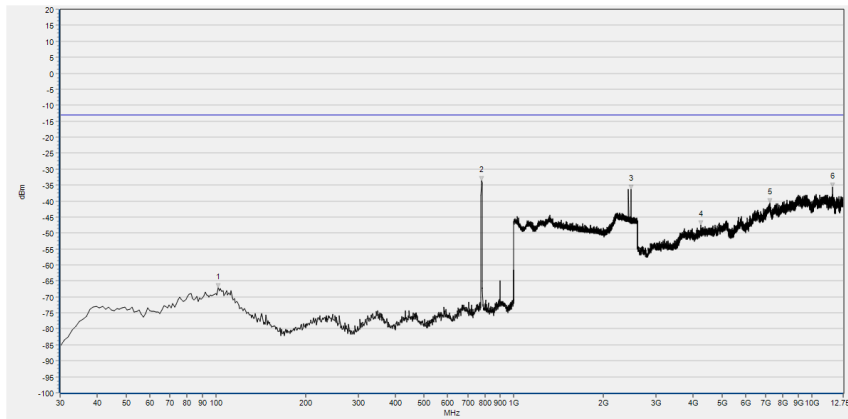


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 73.650 | -62.26 | -13.00 | Horizontal | PASS |
| 2 | 709.000 | -50.19 | -13.00 | Horizontal | N/A |
| 3 | 741.980 | -47.98 | -13.00 | Horizontal | N/A |
| 4 | 1417.447 | -40.27 | -13.00 | Horizontal | PASS |
| 5 | 5167.494 | -45.56 | -13.00 | Horizontal | PASS |
| 6 | 11125.705 | -37.21 | -13.00 | Horizontal | PASS |

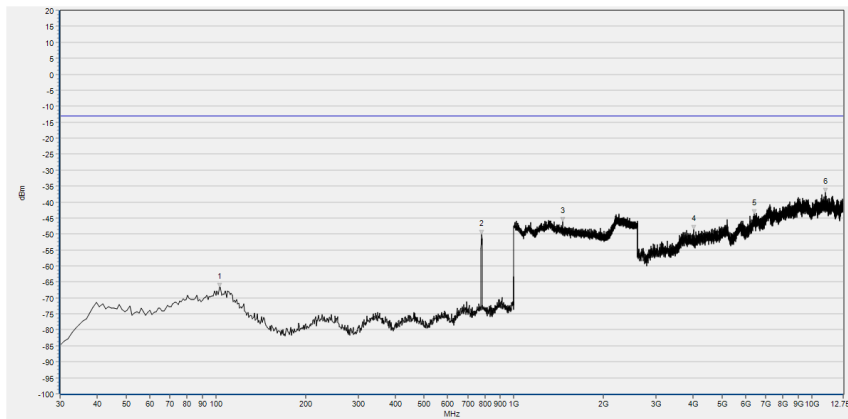


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 80.440 | -61.62 | -13.00 | Vertical | PASS |
| 2 | 709.000 | -60.88 | -13.00 | Vertical | N/A |
| 3 | 737.130 | -57.12 | -13.00 | Vertical | N/A |
| 4 | 1421.289 | -40.57 | -13.00 | Vertical | PASS |
| 5 | 4694.972 | -47.24 | -13.00 | Vertical | PASS |
| 6 | 11022.340 | -36.87 | -13.00 | Vertical | PASS |

LTE Band 13,5MHz BW, Low Channel, QPSK

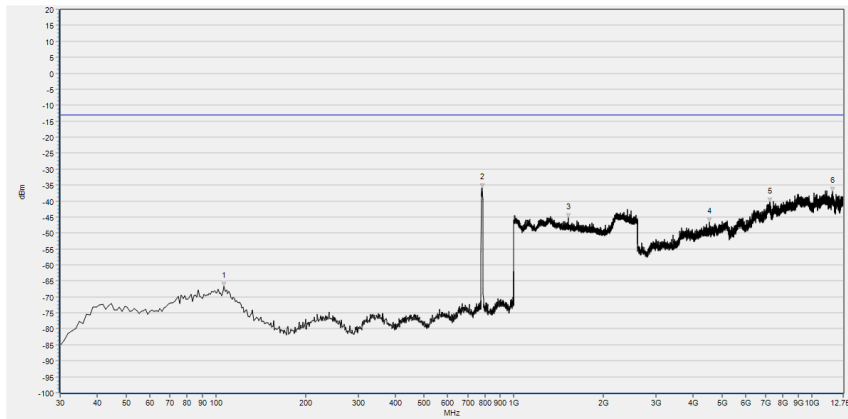


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 101.780 | -67.06 | -13.00 | Horizontal | PASS |
| 2 | 780.780 | -33.59 | -13.00 | Horizontal | N/A |
| 3 | 2479.632 | -36.21 | -13.00 | Horizontal | PASS |
| 4 | 4233.524 | -47.40 | -13.00 | Horizontal | PASS |
| 5 | 7229.242 | -40.58 | -13.00 | Horizontal | PASS |
| 6 | 11740.353 | -35.68 | -13.00 | Horizontal | PASS |

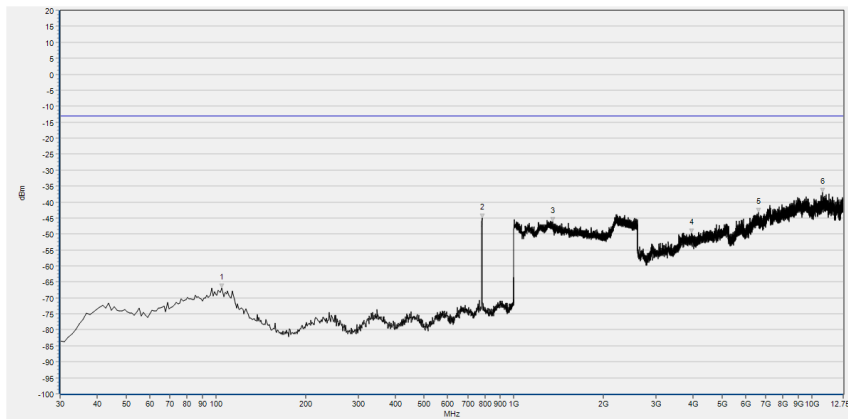


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 102.750 | -66.75 | -13.00 | Vertical | PASS |
| 2 | 780.780 | -50.10 | -13.00 | Vertical | N/A |
| 3 | 1457.143 | -46.17 | -13.00 | Vertical | PASS |
| 4 | 4004.646 | -48.55 | -13.00 | Vertical | PASS |
| 5 | 6394.945 | -43.74 | -13.00 | Vertical | PASS |
| 6 | 11134.934 | -36.97 | -13.00 | Vertical | PASS |

LTE Band 13,5MHz BW, Mid Channel, QPSK

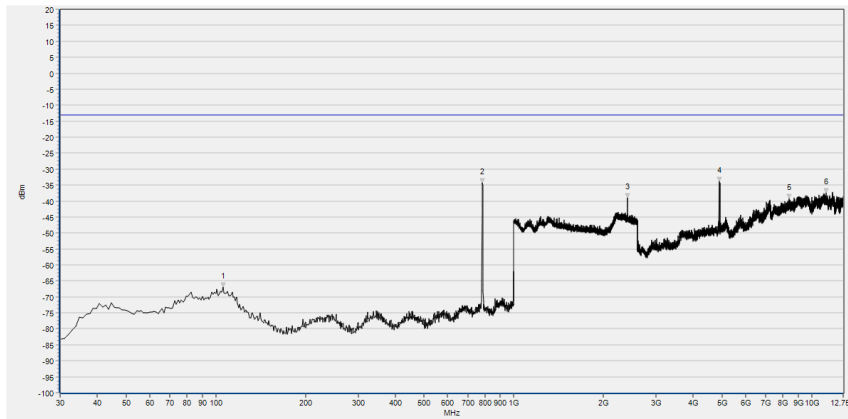


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 106.630 | -66.78 | -13.00 | Horizontal | PASS |
| 2 | 781.750 | -35.78 | -13.00 | Horizontal | N/A |
| 3 | 1520.528 | -45.36 | -13.00 | Horizontal | PASS |
| 4 | 4538.080 | -46.52 | -13.00 | Horizontal | PASS |
| 5 | 7218.167 | -40.38 | -13.00 | Horizontal | PASS |
| 6 | 11749.582 | -37.02 | -13.00 | Horizontal | PASS |

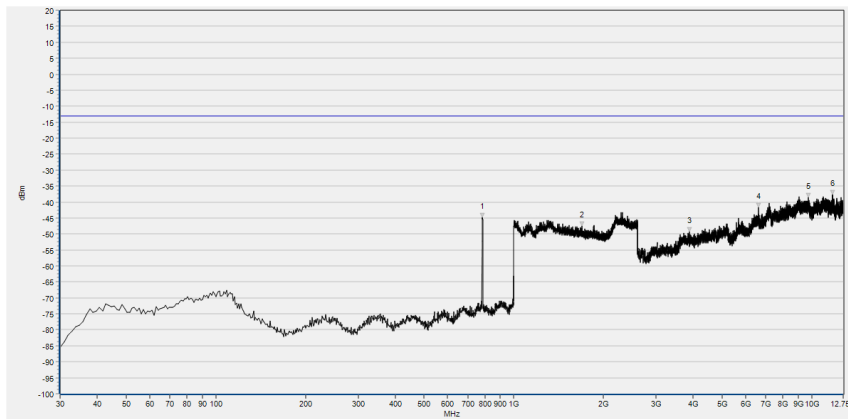


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 104.690 | -66.95 | -13.00 | Vertical | PASS |
| 2 | 781.750 | -44.97 | -13.00 | Vertical | N/A |
| 3 | 1353.421 | -46.19 | -13.00 | Vertical | PASS |
| 4 | 3951.118 | -49.76 | -13.00 | Vertical | PASS |
| 5 | 6616.439 | -43.26 | -13.00 | Vertical | PASS |
| 6 | 10861.757 | -37.00 | -13.00 | Vertical | PASS |

LTE Band 13,5MHz BW, High Channel, QPSK

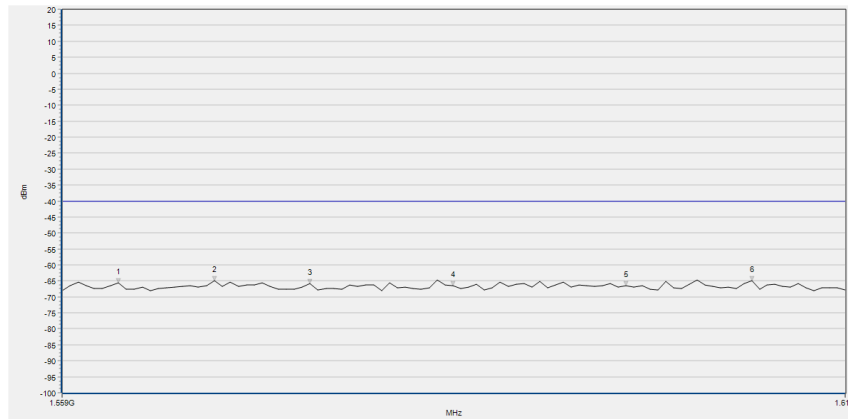


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 105.660 | -66.93 | -13.00 | Horizontal | PASS |
| 2 | 783.690 | -34.27 | -13.00 | Horizontal | N/A |
| 3 | 2402.161 | -38.97 | -13.00 | Horizontal | PASS |
| 4 | 4883.242 | -33.87 | -13.00 | Horizontal | PASS |
| 5 | 8401.318 | -39.21 | -13.00 | Horizontal | PASS |
| 6 | 11162.620 | -37.49 | -13.00 | Horizontal | PASS |

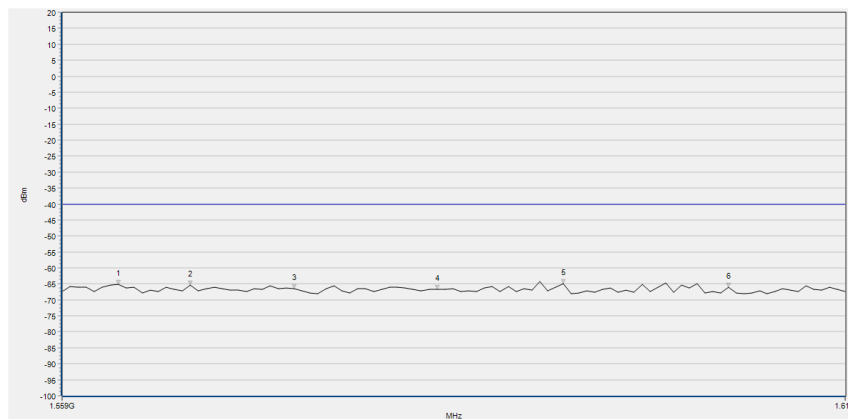


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 782.720 | -44.74 | -13.00 | Vertical | N/A |
| 2 | 1694.678 | -47.51 | -13.00 | Vertical | PASS |
| 3 | 3877.287 | -49.32 | -13.00 | Vertical | PASS |
| 4 | 6621.977 | -41.76 | -13.00 | Vertical | PASS |
| 5 | 9713.675 | -38.45 | -13.00 | Vertical | PASS |
| 6 | 11740.353 | -37.58 | -13.00 | Vertical | PASS |

LTE Band 13,1559MHz-1610MHz,5MHz BW, Mid Channel, QPSK

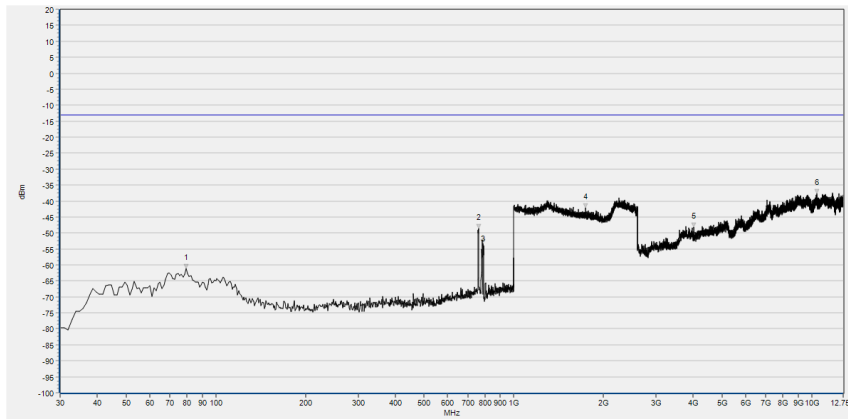


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 1562.606 | -65.59 | -40.00 | Horizontal | PASS |
| 2 | 1568.788 | -64.91 | -40.00 | Horizontal | PASS |
| 3 | 1574.970 | -65.78 | -40.00 | Horizontal | PASS |
| 4 | 1584.242 | -66.41 | -40.00 | Horizontal | PASS |
| 5 | 1595.576 | -66.42 | -40.00 | Horizontal | PASS |
| 6 | 1603.818 | -64.87 | -40.00 | Horizontal | PASS |

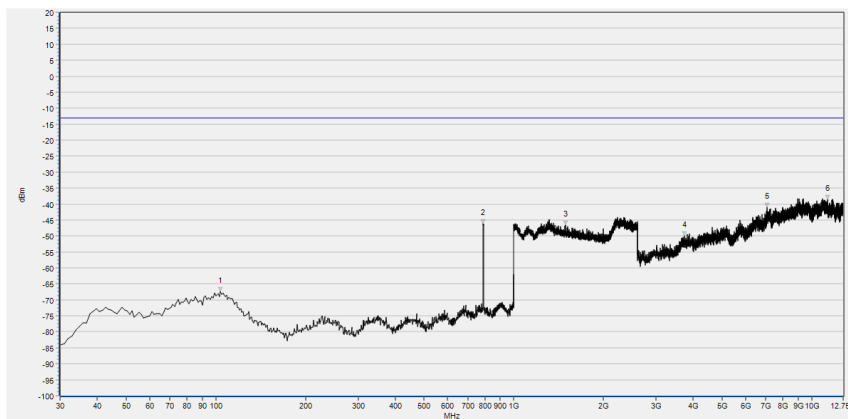


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 1562.606 | -65.10 | -40.00 | Vertical | PASS |
| 2 | 1567.242 | -65.34 | -40.00 | Vertical | PASS |
| 3 | 1573.939 | -66.37 | -40.00 | Vertical | PASS |
| 4 | 1583.212 | -66.77 | -40.00 | Vertical | PASS |
| 5 | 1591.455 | -65.02 | -40.00 | Vertical | PASS |
| 6 | 1602.273 | -66.14 | -40.00 | Vertical | PASS |

LTE Band 14,5MHz BW, Low Channel, QPSK

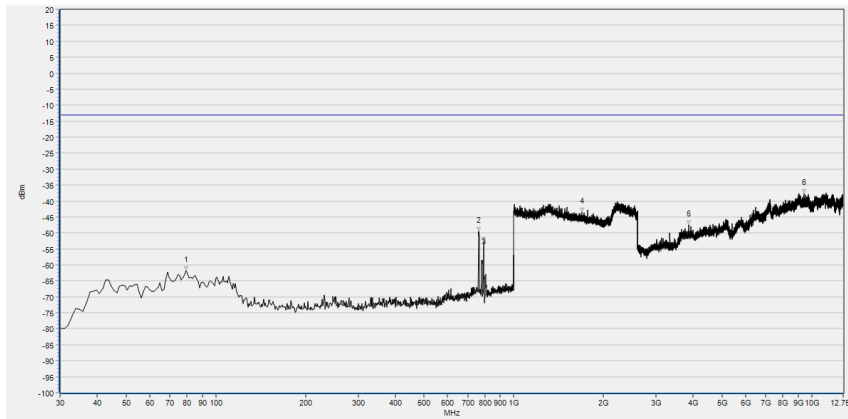


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 79.470 | -61.10 | -13.00 | Horizontal | PASS |
| 2 | 760.410 | -48.56 | -13.00 | Horizontal | N/A |
| 3 | 789.510 | -53.35 | -13.00 | Horizontal | N/A |
| 4 | 1743.978 | -42.15 | -13.00 | Horizontal | PASS |
| 5 | 4024.950 | -48.11 | -13.00 | Horizontal | PASS |
| 6 | 10426.150 | -37.71 | -13.00 | Horizontal | PASS |

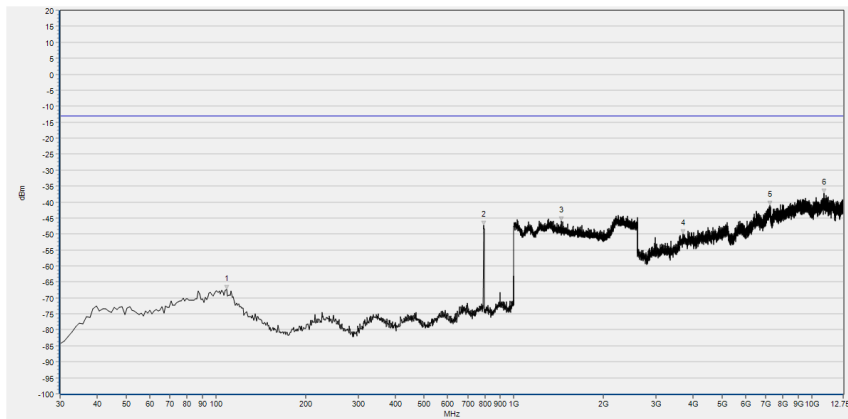


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 103.720 | -67.40 | -13.00 | Vertical | PASS |
| 2 | 789.510 | -46.10 | -13.00 | Vertical | N/A |
| 3 | 1492.357 | -46.65 | -13.00 | Vertical | PASS |
| 4 | 3744.390 | -49.85 | -13.00 | Vertical | PASS |
| 5 | 7081.578 | -41.12 | -13.00 | Vertical | PASS |
| 6 | 11277.059 | -38.55 | -13.00 | Vertical | PASS |

LTE Band 14,5MHz BW, Mid Channel, QPSK

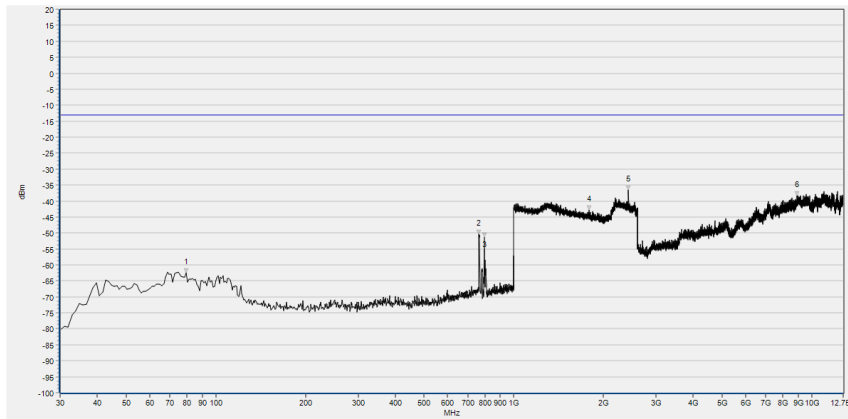


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 79.470 | -61.70 | -13.00 | Horizontal | PASS |
| 2 | 761.380 | -49.53 | -13.00 | Horizontal | N/A |
| 3 | 791.450 | -52.56 | -13.00 | Horizontal | N/A |
| 4 | 1688.275 | -43.56 | -13.00 | Horizontal | PASS |
| 5 | 3860.675 | -47.45 | -13.00 | Horizontal | PASS |
| 6 | 9427.578 | -37.76 | -13.00 | Horizontal | PASS |

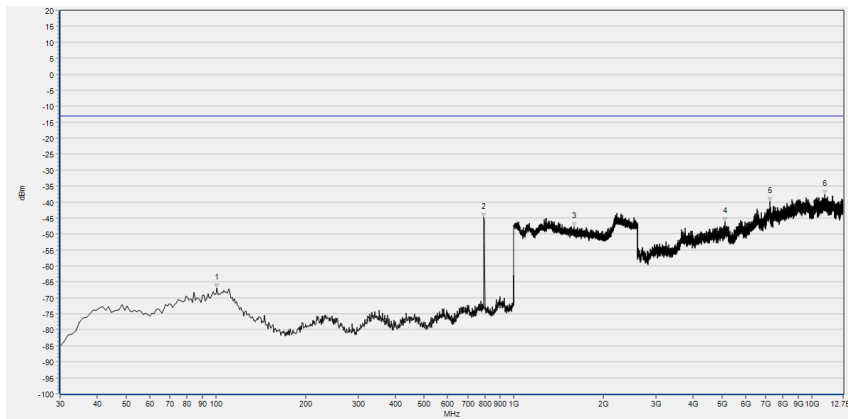


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 108.570 | -67.39 | -13.00 | Vertical | PASS |
| 2 | 791.450 | -47.37 | -13.00 | Vertical | N/A |
| 3 | 1446.899 | -45.99 | -13.00 | Vertical | PASS |
| 4 | 3690.862 | -49.99 | -13.00 | Vertical | PASS |
| 5 | 7221.859 | -41.09 | -13.00 | Vertical | PASS |
| 6 | 10979.887 | -37.11 | -13.00 | Vertical | PASS |

LTE Band 14,5MHz BW, High Channel, QPSK



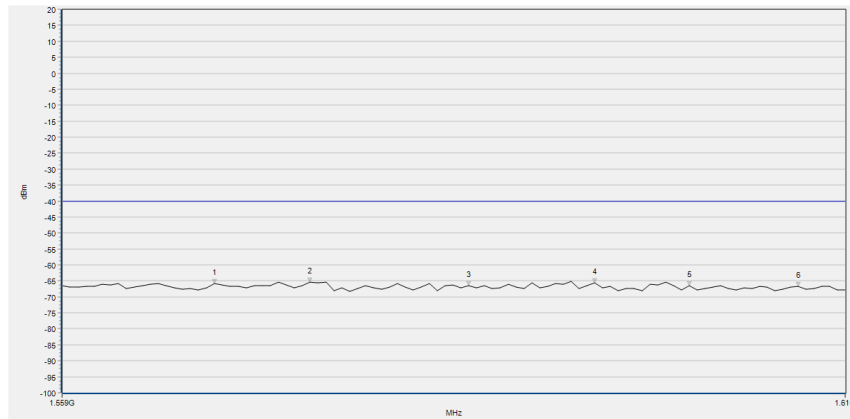
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 79.470 | -62.55 | -13.00 | Horizontal | PASS |
| 2 | 764.290 | -50.28 | -13.00 | Horizontal | N/A |
| 3 | 797.270 | -51.33 | -13.00 | Horizontal | N/A |
| 4 | 1789.436 | -42.82 | -13.00 | Horizontal | PASS |
| 5 | 2425.850 | -36.53 | -13.00 | Horizontal | PASS |
| 6 | 8903.373 | -38.34 | -13.00 | Horizontal | PASS |



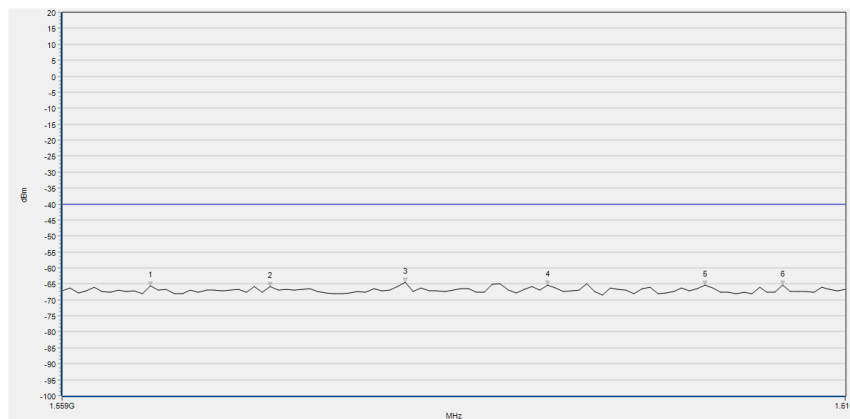
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 100.810 | -66.99 | -13.00 | Vertical | PASS |
| 2 | 794.360 | -44.86 | -13.00 | Vertical | N/A |
| 3 | 1596.078 | -47.76 | -13.00 | Vertical | PASS |
| 4 | 5104.737 | -46.08 | -13.00 | Vertical | PASS |
| 5 | 7242.162 | -39.86 | -13.00 | Vertical | PASS |
| 6 | 11068.485 | -37.55 | -13.00 | Vertical | PASS |



LTE Band 14,1559MHz-1610MHz,5MHz BW, Mid Channel, QPSK



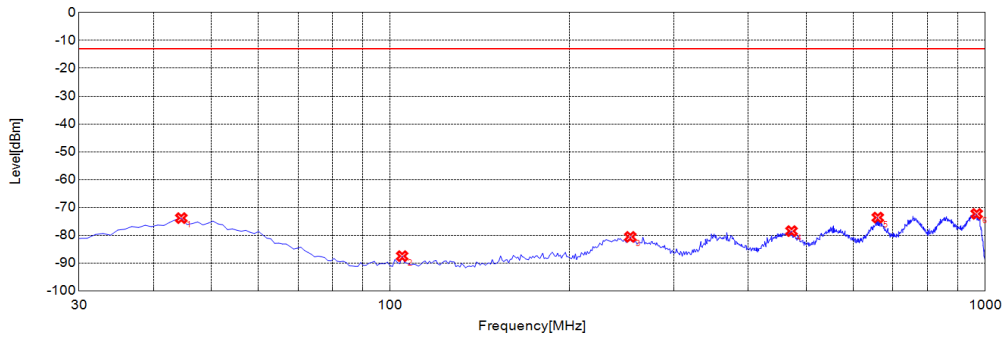
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 1568.788 | -65.80 | -40.00 | Horizontal | PASS |
| 2 | 1574.970 | -65.46 | -40.00 | Horizontal | PASS |
| 3 | 1585.273 | -66.38 | -40.00 | Horizontal | PASS |
| 4 | 1593.515 | -65.58 | -40.00 | Horizontal | PASS |
| 5 | 1599.697 | -66.41 | -40.00 | Horizontal | PASS |
| 6 | 1606.909 | -66.69 | -40.00 | Horizontal | PASS |



| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 1564.667 | -65.65 | -40.00 | Vertical | PASS |
| 2 | 1572.394 | -65.84 | -40.00 | Vertical | PASS |
| 3 | 1581.152 | -64.42 | -40.00 | Vertical | PASS |
| 4 | 1590.424 | -65.27 | -40.00 | Vertical | PASS |
| 5 | 1600.727 | -65.47 | -40.00 | Vertical | PASS |
| 6 | 1605.879 | -65.26 | -40.00 | Vertical | PASS |

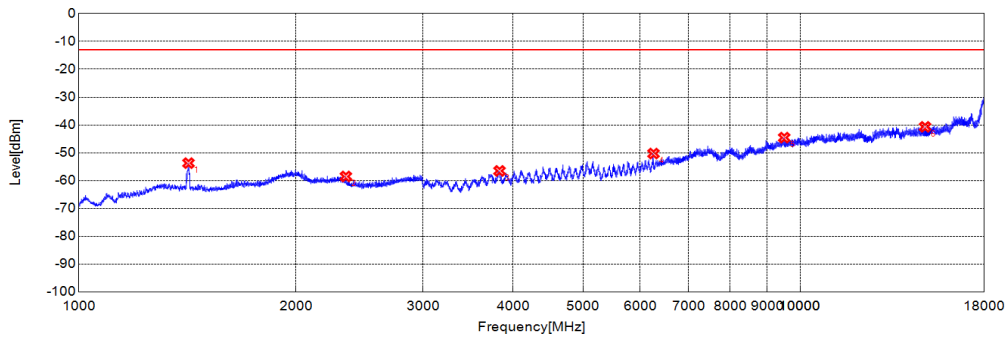


LTE Band 17, 10MHz BW, Low Channel, QPSK



Final Test

| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 44.5650 | -73.87 | -13.00 | Horizontal | PASS |
| 2 | 104.7650 | -87.52 | -13.00 | Horizontal | PASS |
| 3 | 253.3230 | -80.62 | -13.00 | Horizontal | PASS |
| 4 | 472.7630 | -78.53 | -13.00 | Horizontal | PASS |
| 5 | 660.1600 | -73.67 | -13.00 | Horizontal | PASS |
| 6 | 967.9580 | -72.35 | -13.00 | Horizontal | PASS |

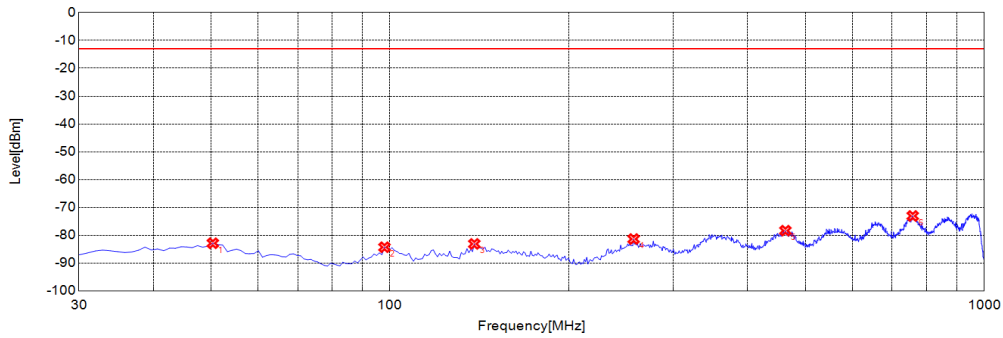


Final Test

| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|------------|---------|
| 1 | 1418.8060 | -53.74 | -13.00 | Horizontal | PASS |
| 2 | 2345.1150 | -58.54 | -13.00 | Horizontal | PASS |
| 3 | 3830.0920 | -56.54 | -13.00 | Horizontal | PASS |
| 4 | 6262.0290 | -50.3 | -13.00 | Horizontal | PASS |
| 5 | 9505.7230 | -44.58 | -13.00 | Horizontal | PASS |
| 6 | 14904.6560 | -40.7 | -13.00 | Horizontal | PASS |

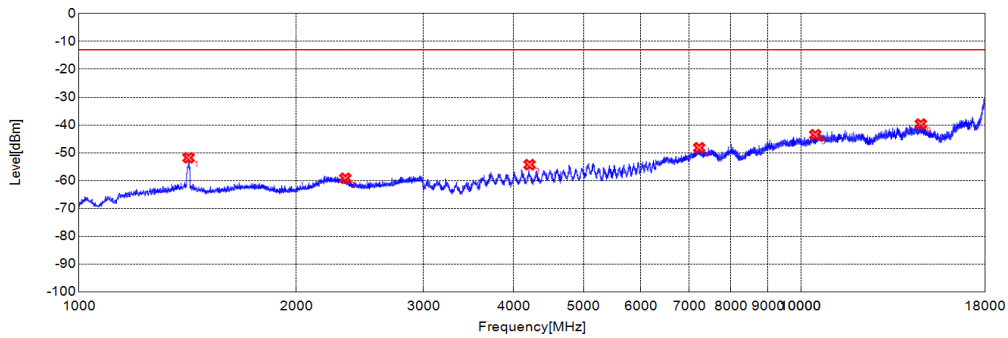


LTE Band 17, 10MHz BW, Low Channel, QPSK



Final Test

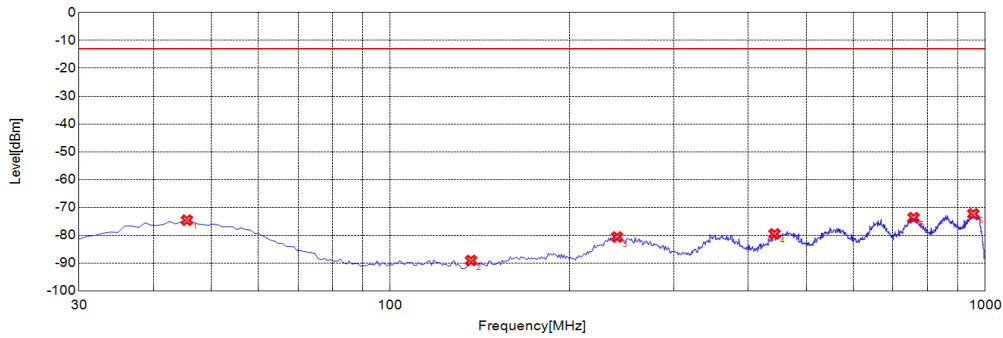
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 50.3900 | -82.9 | -13.00 | Vertical | PASS |
| 2 | 97.9680 | -84.33 | -13.00 | Vertical | PASS |
| 3 | 138.7490 | -83.14 | -13.00 | Vertical | PASS |
| 4 | 257.2070 | -81.39 | -13.00 | Vertical | PASS |
| 5 | 463.0530 | -78.38 | -13.00 | Vertical | PASS |
| 6 | 758.2280 | -73.09 | -13.00 | Vertical | PASS |



Final Test

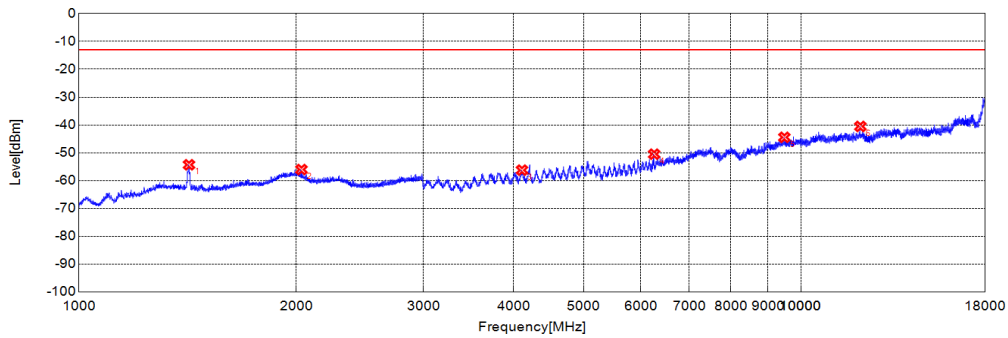
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|----------|---------|
| 1 | 1418.1390 | -51.81 | -13.00 | Vertical | PASS |
| 2 | 2338.4460 | -59.19 | -13.00 | Vertical | PASS |
| 3 | 4208.4680 | -54.29 | -13.00 | Vertical | PASS |
| 4 | 7230.4700 | -48.21 | -13.00 | Vertical | PASS |
| 5 | 10470.8300 | -43.54 | -13.00 | Vertical | PASS |
| 6 | 14662.9630 | -39.7 | -13.00 | Vertical | PASS |

LTE Band 17, 10MHz BW, Mid Channel, QPSK



Final Test

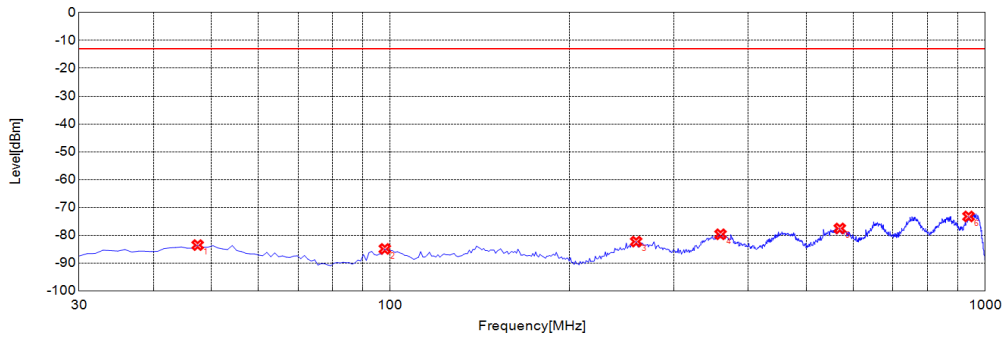
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 45.5360 | -74.61 | -13.00 | Horizontal | PASS |
| 2 | 136.8070 | -89.09 | -13.00 | Horizontal | PASS |
| 3 | 240.7010 | -80.66 | -13.00 | Horizontal | PASS |
| 4 | 442.6630 | -79.56 | -13.00 | Horizontal | PASS |
| 5 | 758.2280 | -73.72 | -13.00 | Horizontal | PASS |
| 6 | 955.3350 | -72.34 | -13.00 | Horizontal | PASS |



Final Test

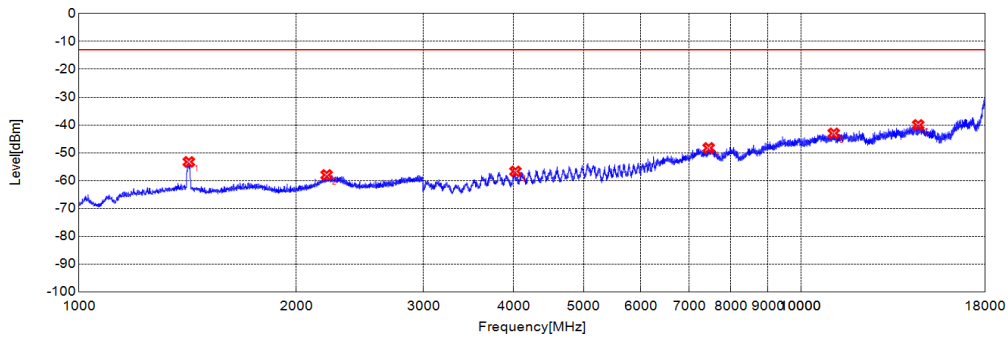
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|------------|---------|
| 1 | 1420.1400 | -54.34 | -13.00 | Horizontal | PASS |
| 2 | 2033.0110 | -56.05 | -13.00 | Horizontal | PASS |
| 3 | 4108.4560 | -56.26 | -13.00 | Horizontal | PASS |
| 4 | 6262.0290 | -50.52 | -13.00 | Horizontal | PASS |
| 5 | 9487.3870 | -44.47 | -13.00 | Horizontal | PASS |
| 6 | 12091.0100 | -40.55 | -13.00 | Horizontal | PASS |

LTE Band 17, 10MHz BW, Mid Channel, QPSK



Final Test

| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 47.4770 | -83.56 | -13.00 | Vertical | PASS |
| 2 | 97.9680 | -84.93 | -13.00 | Vertical | PASS |
| 3 | 259.1490 | -82.32 | -13.00 | Vertical | PASS |
| 4 | 359.1590 | -79.68 | -13.00 | Vertical | PASS |
| 5 | 569.8600 | -77.58 | -13.00 | Vertical | PASS |
| 6 | 937.8580 | -73.27 | -13.00 | Vertical | PASS |

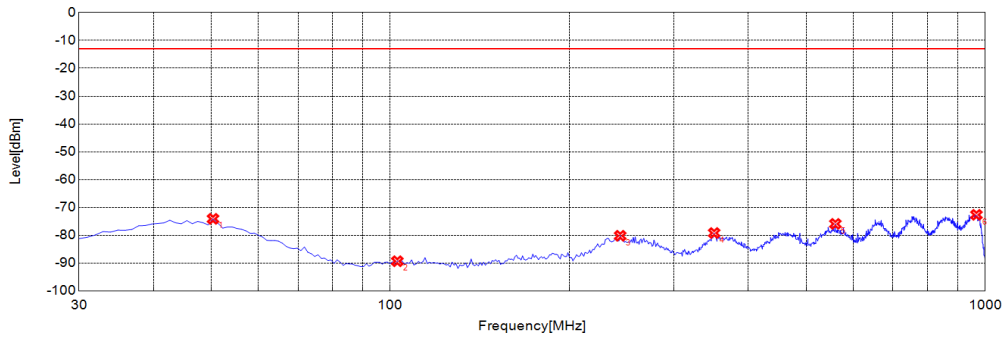


Final Test

| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|----------|---------|
| 1 | 1419.4730 | -53.3 | -13.00 | Vertical | PASS |
| 2 | 2203.0680 | -57.98 | -13.00 | Vertical | PASS |
| 3 | 4023.4470 | -56.72 | -13.00 | Vertical | PASS |
| 4 | 7452.1610 | -48.27 | -13.00 | Vertical | PASS |
| 5 | 11105.9010 | -43.03 | -13.00 | Vertical | PASS |
| 6 | 14539.6160 | -40.01 | -13.00 | Vertical | PASS |

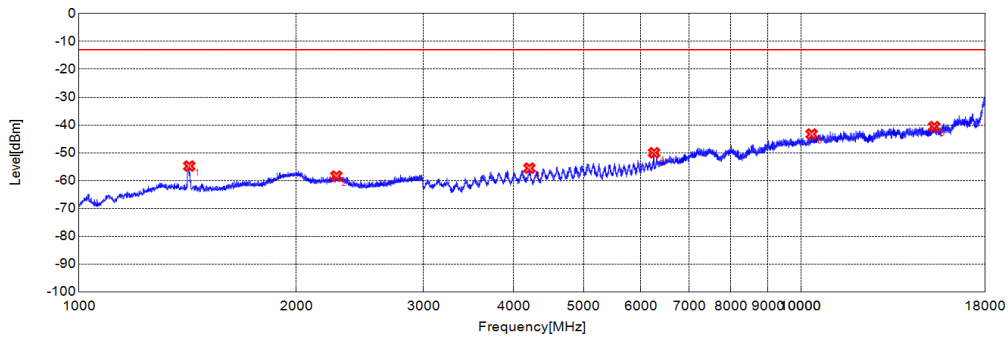


LTE Band 17, 10MHz BW, High Channel, QPSK



Final Test

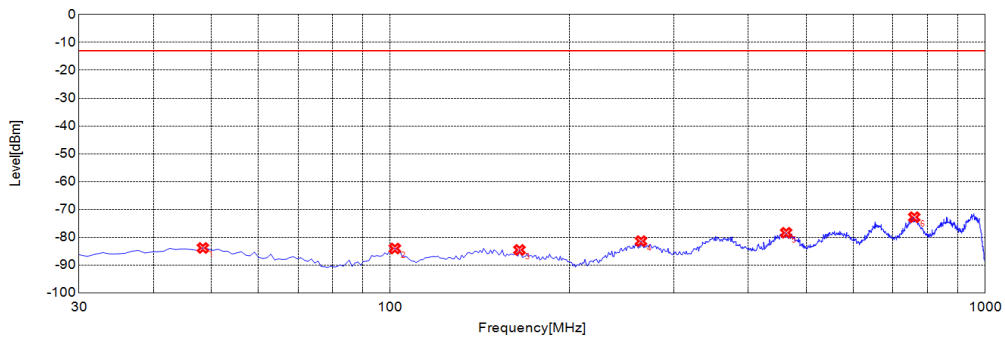
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 50.3900 | -74.13 | -13.00 | Horizontal | PASS |
| 2 | 102.8230 | -89.37 | -13.00 | Horizontal | PASS |
| 3 | 243.6140 | -80.22 | -13.00 | Horizontal | PASS |
| 4 | 350.4200 | -79.22 | -13.00 | Horizontal | PASS |
| 5 | 560.1500 | -75.94 | -13.00 | Horizontal | PASS |
| 6 | 966.9870 | -72.68 | -13.00 | Horizontal | PASS |



Final Test

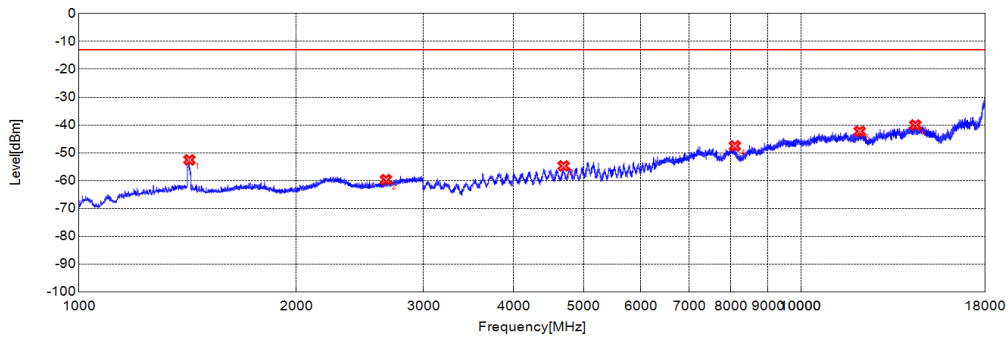
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|------------|---------|
| 1 | 1421.4740 | -54.8 | -13.00 | Horizontal | PASS |
| 2 | 2272.4240 | -58.42 | -13.00 | Horizontal | PASS |
| 3 | 4206.8010 | -55.55 | -13.00 | Horizontal | PASS |
| 4 | 6262.0290 | -50.01 | -13.00 | Horizontal | PASS |
| 5 | 10350.8170 | -43.31 | -13.00 | Horizontal | PASS |
| 6 | 15303.0340 | -40.61 | -13.00 | Horizontal | PASS |

LTE Band 17, 10MHz BW, High Channel, QPSK



Final Test

| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 48.4480 | -83.88 | -13.00 | Vertical | PASS |
| 2 | 101.8520 | -84.07 | -13.00 | Vertical | PASS |
| 3 | 164.9650 | -84.58 | -13.00 | Vertical | PASS |
| 4 | 264.0040 | -81.41 | -13.00 | Vertical | PASS |
| 5 | 463.0530 | -78.41 | -13.00 | Vertical | PASS |
| 6 | 760.1700 | -72.81 | -13.00 | Vertical | PASS |

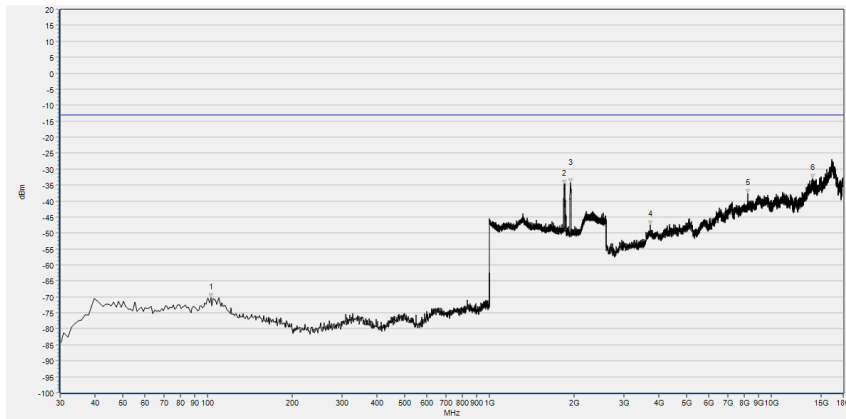


Final Test

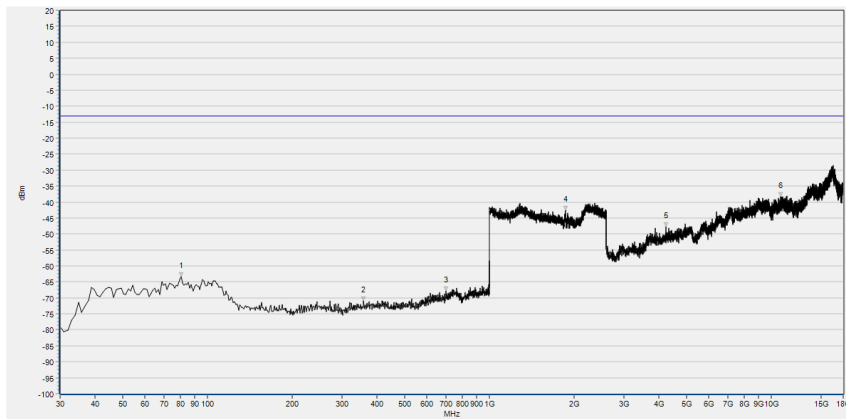
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|------------|----------|-------------|----------|---------|
| 1 | 1422.1410 | -52.57 | -13.00 | Vertical | PASS |
| 2 | 2661.8870 | -59.68 | -13.00 | Vertical | PASS |
| 3 | 4691.8550 | -54.74 | -13.00 | Vertical | PASS |
| 4 | 8102.2340 | -47.58 | -13.00 | Vertical | PASS |
| 5 | 12066.0070 | -42.31 | -13.00 | Vertical | PASS |
| 6 | 14406.2670 | -40.05 | -13.00 | Vertical | PASS |



LTE Band 25, 20MHz BW, Low Channel, QPSK

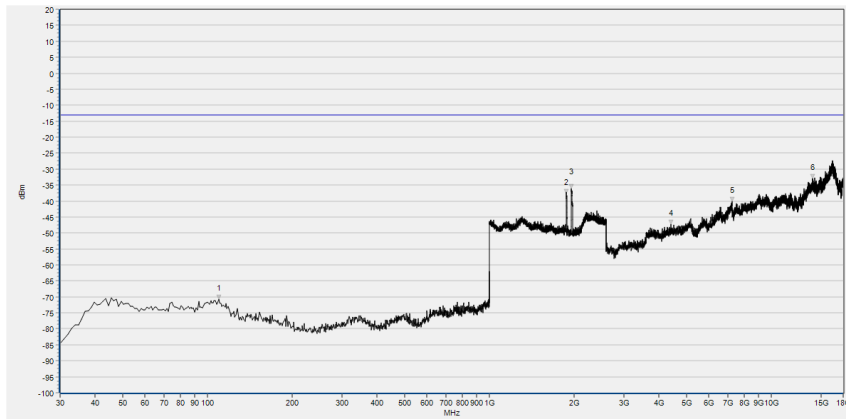


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 102.750 | -70.25 | -13.00 | Horizontal | PASS |
| 2 | 1840.016 | -34.73 | -13.00 | Horizontal | N/A |
| 3 | 1941.817 | -34.26 | -13.00 | Horizontal | N/A |
| 4 | 3714.603 | -47.56 | -13.00 | Horizontal | PASS |
| 5 | 8254.228 | -37.61 | -13.00 | Horizontal | PASS |
| 6 | 14020.476 | -33.06 | -13.00 | Horizontal | PASS |

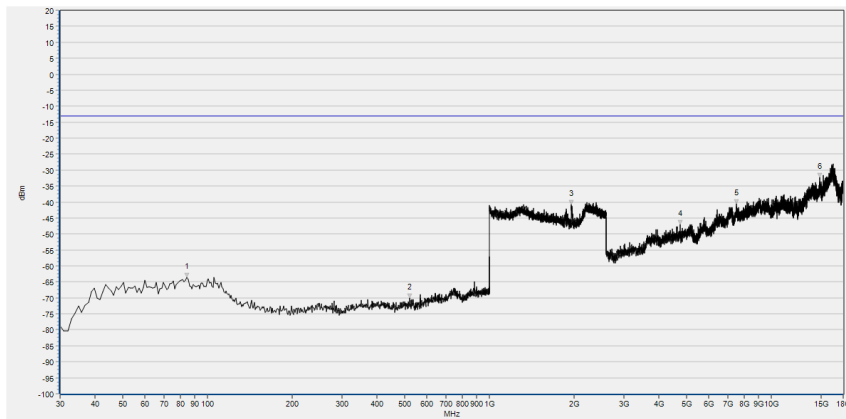


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 80.440 | -63.37 | -13.00 | Vertical | PASS |
| 2 | 357.860 | -71.02 | -13.00 | Vertical | PASS |
| 3 | 701.240 | -67.93 | -13.00 | Vertical | PASS |
| 4 | 1857.943 | -42.68 | -13.00 | Vertical | PASS |
| 5 | 4221.495 | -47.65 | -13.00 | Vertical | PASS |
| 6 | 10802.691 | -38.42 | -13.00 | Vertical | PASS |

LTE Band 25, 20MHz BW, Mid Channel, QPSK

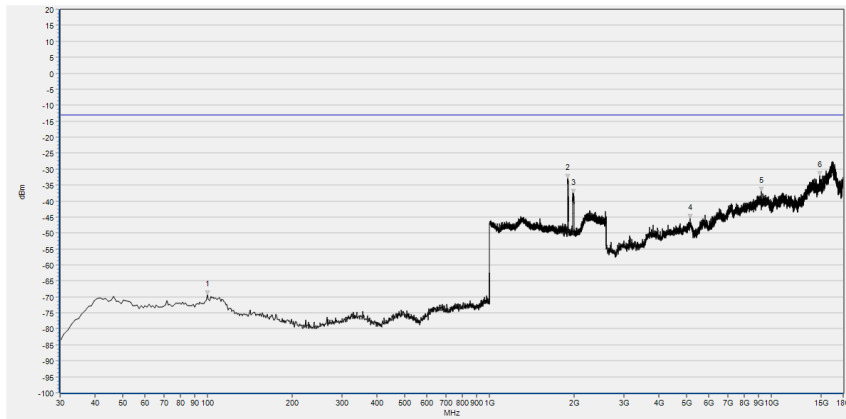


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 109.540 | -70.74 | -13.00 | Horizontal | PASS |
| 2 | 1876.511 | -37.69 | -13.00 | Horizontal | N/A |
| 3 | 1954.622 | -36.18 | -13.00 | Horizontal | N/A |
| 4 | 4411.929 | -47.30 | -13.00 | Horizontal | PASS |
| 5 | 7254.446 | -40.04 | -13.00 | Horizontal | PASS |
| 6 | 14009.274 | -33.06 | -13.00 | Horizontal | PASS |

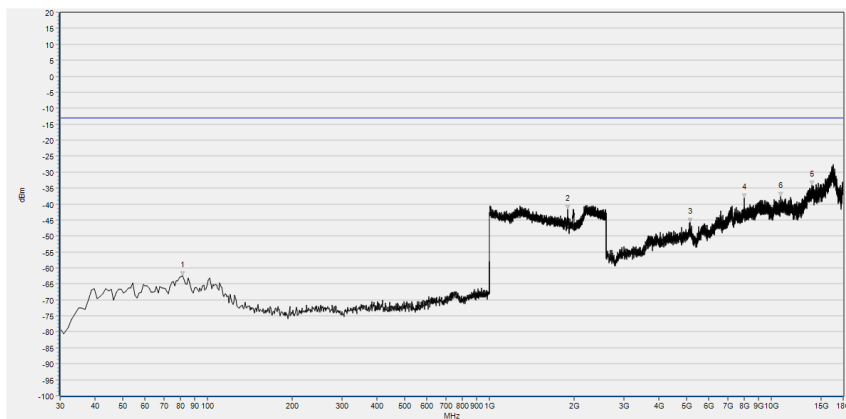


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 84.320 | -63.54 | -13.00 | Vertical | PASS |
| 2 | 521.790 | -69.99 | -13.00 | Vertical | PASS |
| 3 | 1956.543 | -40.88 | -13.00 | Vertical | N/A |
| 4 | 4759.193 | -47.12 | -13.00 | Vertical | PASS |
| 5 | 7517.694 | -40.49 | -13.00 | Vertical | PASS |
| 6 | 14883.033 | -32.30 | -13.00 | Vertical | PASS |

LTE Band 25, 20MHz BW, High Channel, QPSK

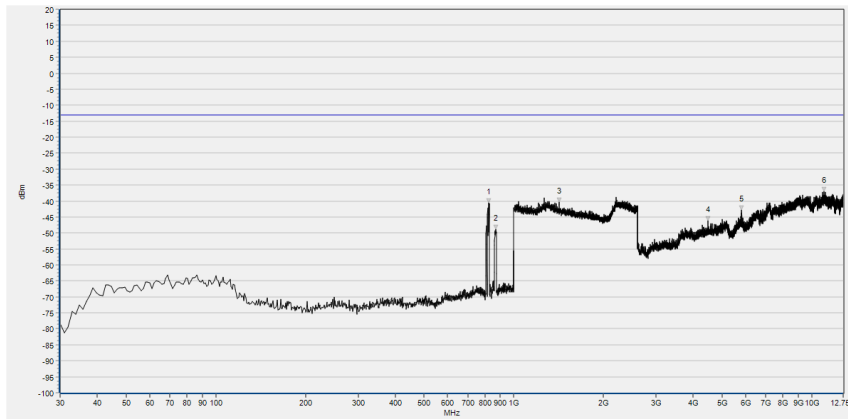


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 99.840 | -69.38 | -13.00 | Horizontal | PASS |
| 2 | 1900.840 | -33.01 | -13.00 | Horizontal | N/A |
| 3 | 1980.872 | -37.69 | -13.00 | Horizontal | N/A |
| 4 | 5156.865 | -45.53 | -13.00 | Horizontal | PASS |
| 5 | 9214.803 | -37.01 | -13.00 | Horizontal | PASS |
| 6 | 14880.233 | -32.01 | -13.00 | Horizontal | PASS |

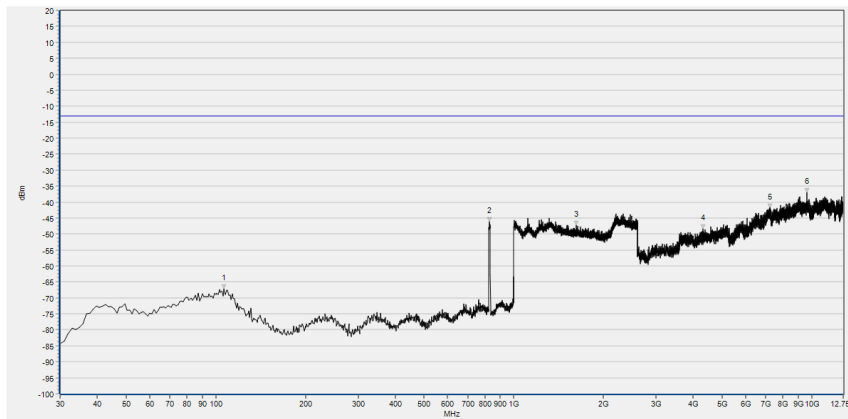


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 81.410 | -62.57 | -13.00 | Vertical | PASS |
| 2 | 1891.877 | -41.61 | -13.00 | Vertical | N/A |
| 3 | 5148.463 | -45.81 | -13.00 | Vertical | PASS |
| 4 | 8030.187 | -38.21 | -13.00 | Vertical | PASS |
| 5 | 13936.461 | -34.09 | -13.00 | Vertical | PASS |
| 6 | 10797.090 | -37.62 | -13.00 | Vertical | PASS |

LTE Band 26 Prt22, 15MHz BW, Low Channel, QPSK



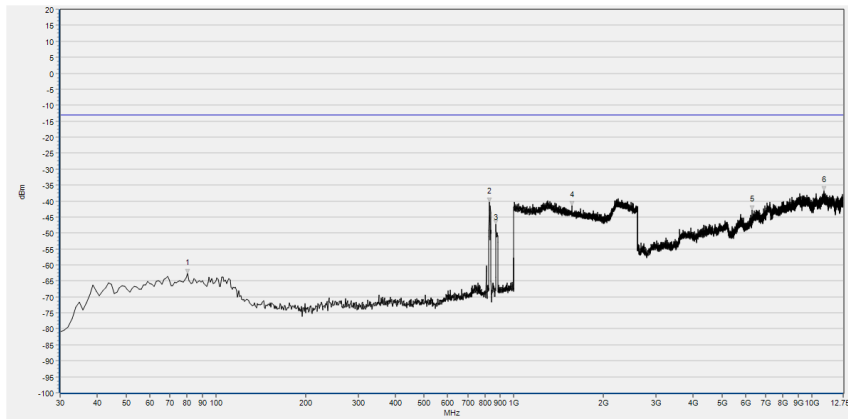
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 822.490 | -40.65 | -13.00 | Horizontal | N/A |
| 2 | 870.990 | -48.72 | -13.00 | Horizontal | N/A |
| 3 | 1420.648 | -40.35 | -13.00 | Horizontal | PASS |
| 4 | 4484.552 | -46.15 | -13.00 | Horizontal | PASS |
| 5 | 5820.904 | -42.90 | -13.00 | Horizontal | PASS |
| 6 | 10978.041 | -37.09 | -13.00 | Horizontal | PASS |



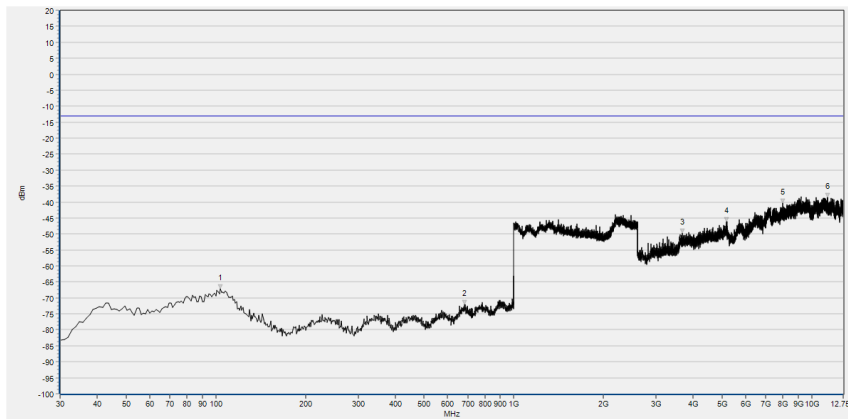
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 106.630 | -67.17 | -13.00 | Vertical | PASS |
| 2 | 827.340 | -46.12 | -13.00 | Vertical | N/A |
| 3 | 1621.048 | -47.36 | -13.00 | Vertical | PASS |
| 4 | 4311.047 | -48.44 | -13.00 | Vertical | PASS |
| 5 | 7223.704 | -41.79 | -13.00 | Vertical | PASS |
| 6 | 9639.844 | -36.92 | -13.00 | Vertical | PASS |



LTE Band 26 Prt22, 15MHz BW, Mid Channel, QPSK

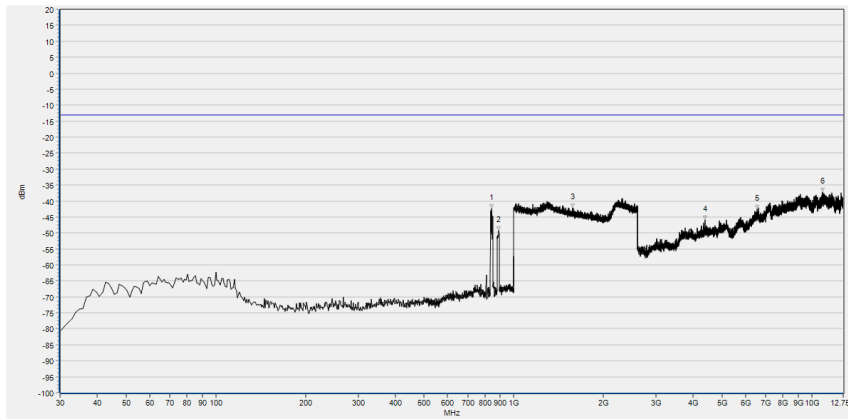


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 80.440 | -62.65 | -13.00 | Horizontal | PASS |
| 2 | 828.310 | -40.26 | -13.00 | Horizontal | N/A |
| 3 | 870.020 | -47.33 | -13.00 | Horizontal | N/A |
| 4 | 1569.188 | -41.52 | -13.00 | Horizontal | PASS |
| 5 | 6289.734 | -42.73 | -13.00 | Horizontal | PASS |
| 6 | 10989.116 | -36.69 | -13.00 | Horizontal | PASS |

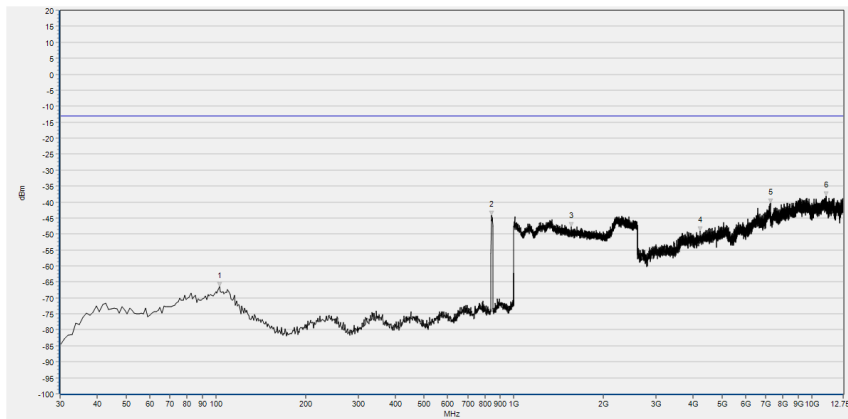


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 103.720 | -67.09 | -13.00 | Vertical | PASS |
| 2 | 683.780 | -72.14 | -13.00 | Vertical | PASS |
| 3 | 3674.250 | -49.63 | -13.00 | Vertical | PASS |
| 4 | 5185.952 | -46.19 | -13.00 | Vertical | PASS |
| 5 | 8004.474 | -40.41 | -13.00 | Vertical | PASS |
| 6 | 11265.985 | -38.53 | -13.00 | Vertical | PASS |

LTE Band 26 Prat22, 15MHz BW, High Channel, QPSK

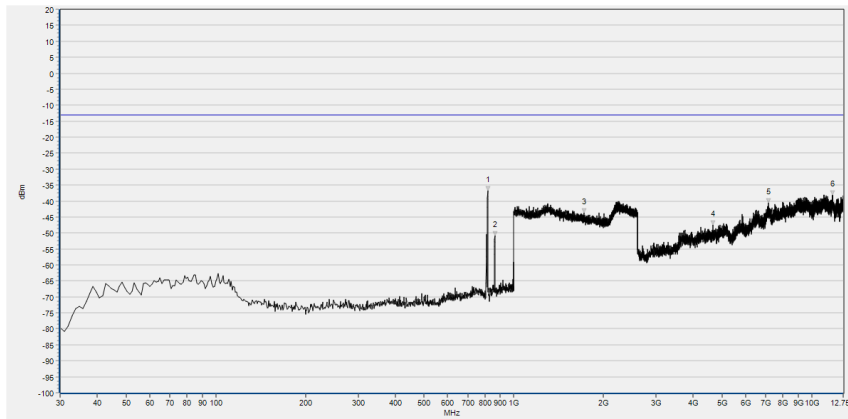


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 842.860 | -42.41 | -13.00 | Horizontal | N/A |
| 2 | 890.390 | -49.37 | -13.00 | Horizontal | N/A |
| 3 | 1571.749 | -42.19 | -13.00 | Horizontal | PASS |
| 4 | 4379.342 | -45.94 | -13.00 | Horizontal | PASS |
| 5 | 6546.299 | -42.64 | -13.00 | Horizontal | PASS |
| 6 | 10856.219 | -37.22 | -13.00 | Horizontal | PASS |

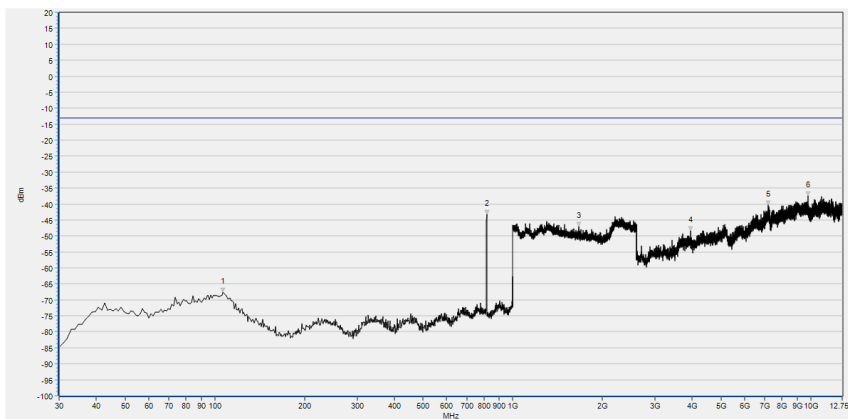


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 102.750 | -66.43 | -13.00 | Vertical | PASS |
| 2 | 842.860 | -44.08 | -13.00 | Vertical | N/A |
| 3 | 1561.505 | -47.70 | -13.00 | Vertical | PASS |
| 4 | 4209.529 | -49.13 | -13.00 | Vertical | PASS |
| 5 | 7255.083 | -40.36 | -13.00 | Vertical | PASS |
| 6 | 11201.382 | -38.16 | -13.00 | Vertical | PASS |

LTE Band 26 Prt90,5MHz BW, Low Channel, QPSK

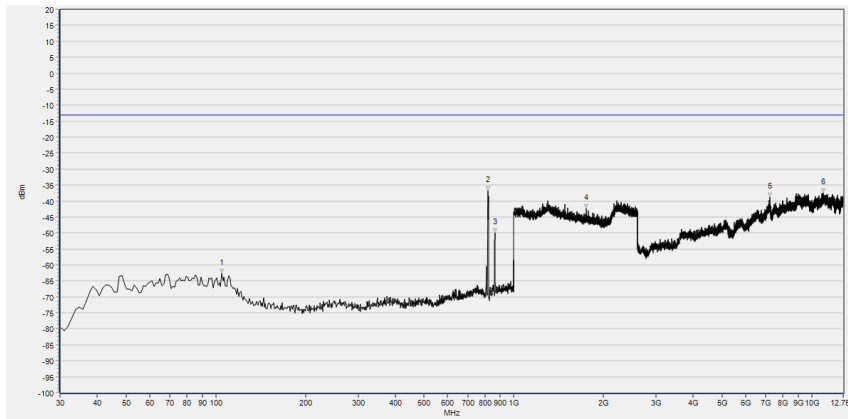


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 816.670 | -36.74 | -13.00 | Horizontal | N/A |
| 2 | 863.230 | -50.90 | -13.00 | Horizontal | N/A |
| 3 | 1716.447 | -43.74 | -13.00 | Horizontal | PASS |
| 4 | 4656.210 | -47.44 | -13.00 | Horizontal | PASS |
| 5 | 7144.335 | -40.51 | -13.00 | Horizontal | PASS |
| 6 | 11718.203 | -38.15 | -13.00 | Horizontal | PASS |

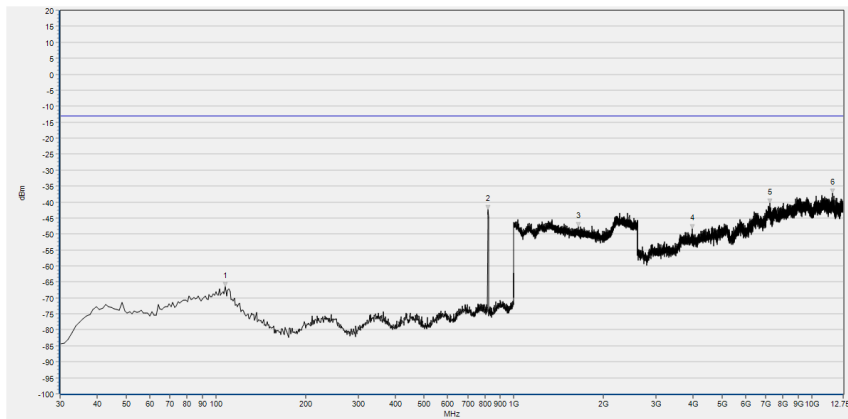


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 106.630 | -67.52 | -13.00 | Vertical | PASS |
| 2 | 817.640 | -43.30 | -13.00 | Vertical | N/A |
| 3 | 1662.665 | -47.03 | -13.00 | Vertical | PASS |
| 4 | 3945.581 | -48.37 | -13.00 | Vertical | PASS |
| 5 | 7201.555 | -40.44 | -13.00 | Vertical | PASS |
| 6 | 9785.661 | -37.41 | -13.00 | Vertical | PASS |

LTE Band 26 Prt90,5MHz BW, Mid Channel, QPSK



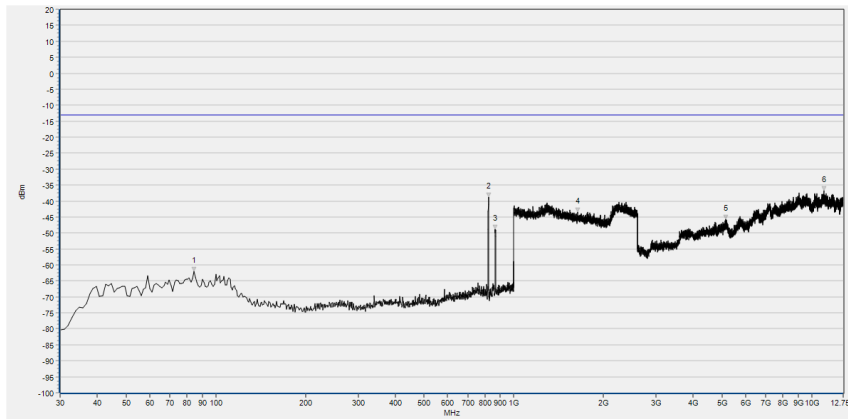
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 104.690 | -62.65 | -13.00 | Horizontal | PASS |
| 2 | 817.640 | -36.71 | -13.00 | Horizontal | N/A |
| 3 | 866.140 | -50.03 | -13.00 | Horizontal | N/A |
| 4 | 1754.222 | -42.28 | -13.00 | Horizontal | PASS |
| 5 | 7240.316 | -38.82 | -13.00 | Horizontal | PASS |
| 6 | 10946.663 | -37.32 | -13.00 | Horizontal | PASS |



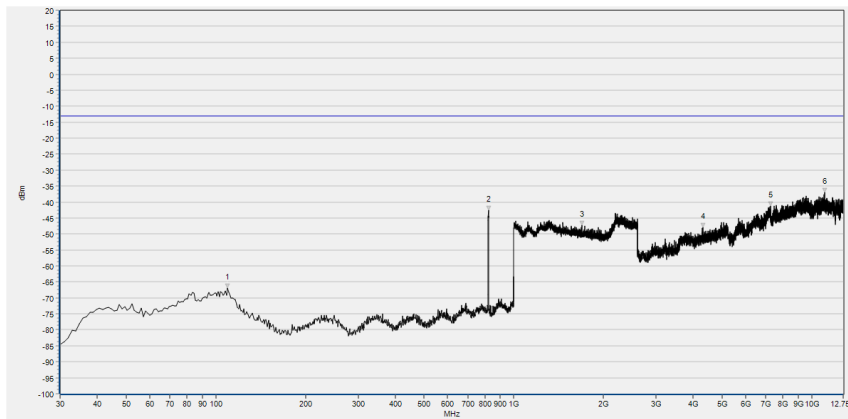
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 107.600 | -66.44 | -13.00 | Vertical | PASS |
| 2 | 820.550 | -42.28 | -13.00 | Vertical | N/A |
| 3 | 1649.860 | -47.80 | -13.00 | Vertical | PASS |
| 4 | 3967.730 | -48.28 | -13.00 | Vertical | PASS |
| 5 | 7244.008 | -40.42 | -13.00 | Vertical | PASS |
| 6 | 11720.049 | -37.22 | -13.00 | Vertical | PASS |



LTE Band 26 Prt90,5MHz BW, High Channel, QPSK

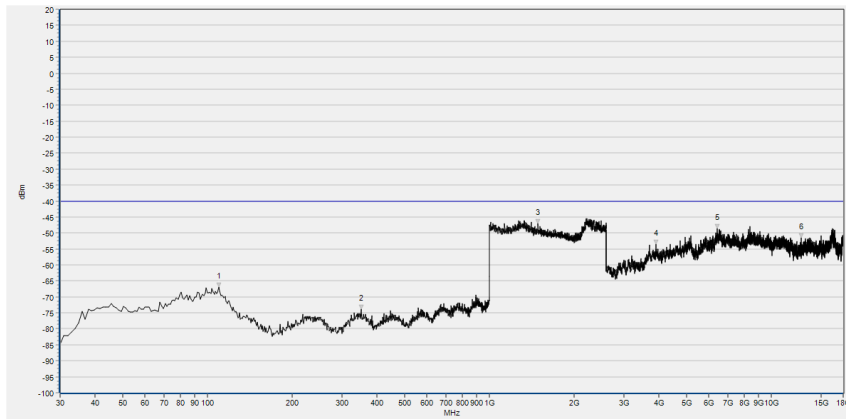


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 84.320 | -62.09 | -13.00 | Horizontal | PASS |
| 2 | 822.490 | -38.83 | -13.00 | Horizontal | N/A |
| 3 | 865.170 | -48.72 | -13.00 | Horizontal | N/A |
| 4 | 1638.976 | -43.38 | -13.00 | Horizontal | PASS |
| 5 | 5130.578 | -45.80 | -13.00 | Horizontal | PASS |
| 6 | 10961.429 | -36.78 | -13.00 | Horizontal | PASS |

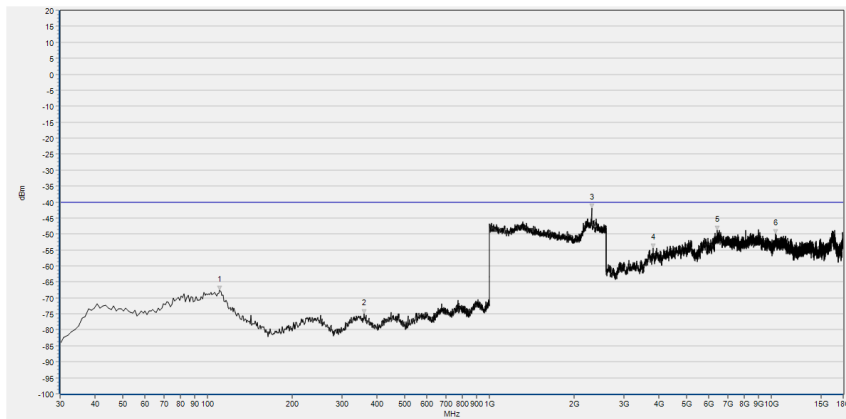


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 109.540 | -66.98 | -13.00 | Vertical | PASS |
| 2 | 821.520 | -42.63 | -13.00 | Vertical | N/A |
| 3 | 1689.556 | -47.36 | -13.00 | Vertical | PASS |
| 4 | 4320.276 | -47.97 | -13.00 | Vertical | PASS |
| 5 | 7269.849 | -41.18 | -13.00 | Vertical | PASS |
| 6 | 11048.181 | -37.01 | -13.00 | Vertical | PASS |

LTE Band 30, 5MHz BW, Low Channel, QPSK

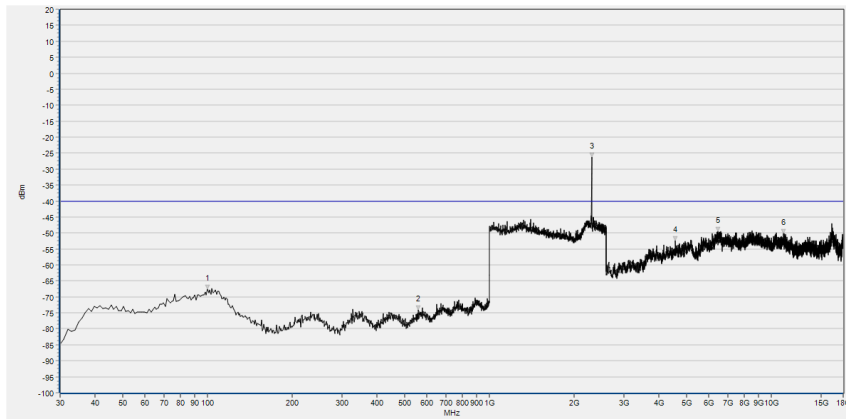


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 109.620 | -67.01 | -40.00 | Horizontal | PASS |
| 2 | 350.420 | -73.90 | -40.00 | Horizontal | PASS |
| 3 | 1486.887 | -46.95 | -40.00 | Horizontal | PASS |
| 4 | 3896.939 | -53.62 | -40.00 | Horizontal | PASS |
| 5 | 6426.125 | -48.52 | -40.00 | Horizontal | PASS |
| 6 | 12738.308 | -51.50 | -40.00 | Horizontal | PASS |

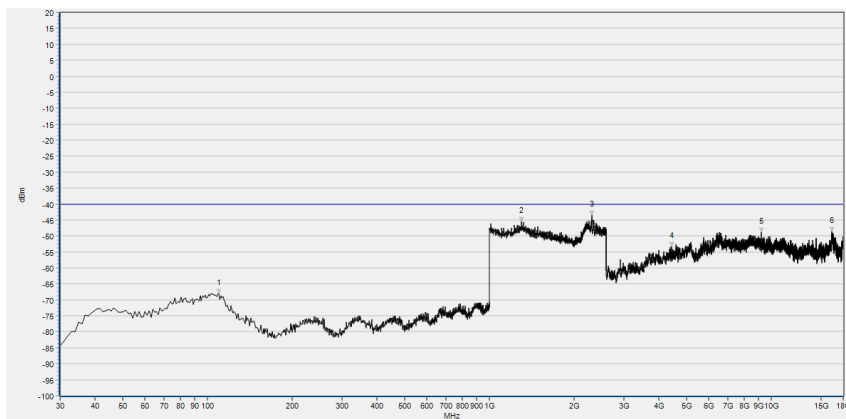


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 110.591 | -67.57 | -40.00 | Vertical | PASS |
| 2 | 359.159 | -74.94 | -40.00 | Vertical | PASS |
| 3 | 2305.305 | -41.84 | -40.00 | Vertical | N/A |
| 4 | 3804.521 | -54.48 | -40.00 | Vertical | PASS |
| 5 | 6426.125 | -48.83 | -40.00 | Vertical | PASS |
| 6 | 10347.750 | -49.88 | -40.00 | Vertical | PASS |

LTE Band 30, 5MHz BW, Mid Channel, QPSK

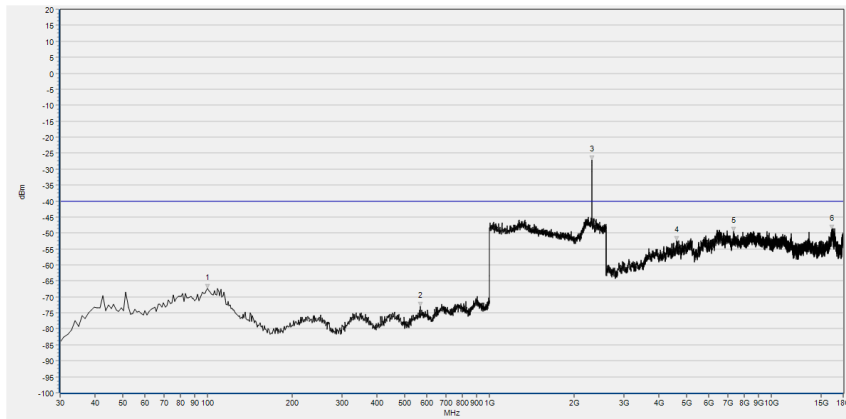


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 99.910 | -67.70 | -40.00 | Horizontal | PASS |
| 2 | 560.150 | -74.03 | -40.00 | Horizontal | PASS |
| 3 | 2306.907 | -26.26 | -40.00 | Horizontal | N/A |
| 4 | 4574.675 | -52.49 | -40.00 | Horizontal | PASS |
| 5 | 6450.770 | -49.54 | -40.00 | Horizontal | PASS |
| 6 | 11034.727 | -50.16 | -40.00 | Horizontal | PASS |

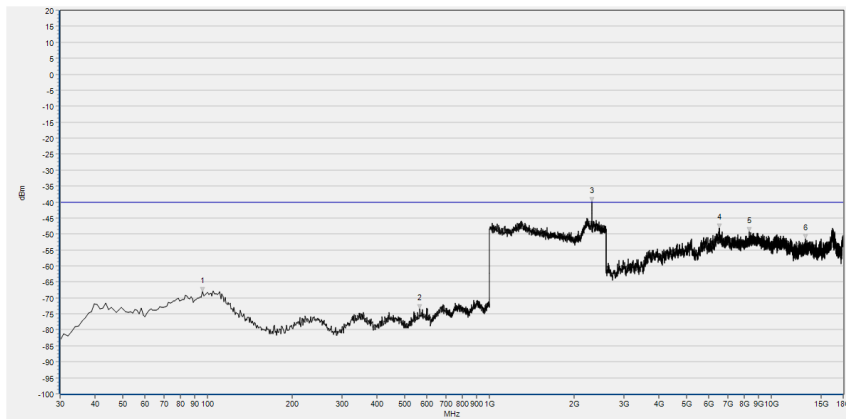


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 109.620 | -68.04 | -40.00 | Vertical | PASS |
| 2 | 1299.499 | -45.48 | -40.00 | Vertical | PASS |
| 3 | 2308.509 | -43.36 | -40.00 | Vertical | N/A |
| 4 | 4423.725 | -53.27 | -40.00 | Vertical | PASS |
| 5 | 9195.599 | -48.78 | -40.00 | Vertical | PASS |
| 6 | 16422.725 | -48.66 | -40.00 | Vertical | PASS |

LTE Band 30, 5MHz BW, High Channel, QPSK



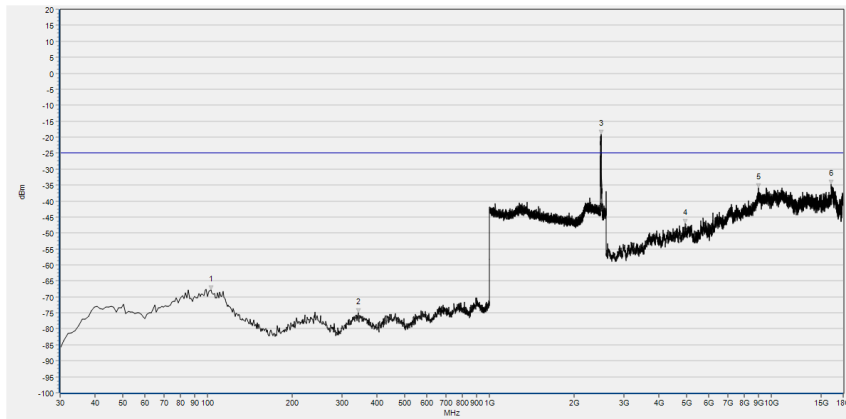
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 99.910 | -67.44 | -40.00 | Horizontal | PASS |
| 2 | 568.889 | -73.03 | -40.00 | Horizontal | PASS |
| 3 | 2310.110 | -27.22 | -40.00 | Horizontal | N/A |
| 4 | 4611.642 | -52.49 | -40.00 | Horizontal | PASS |
| 5 | 7331.826 | -49.58 | -40.00 | Horizontal | PASS |
| 6 | 16416.563 | -48.87 | -40.00 | Horizontal | PASS |



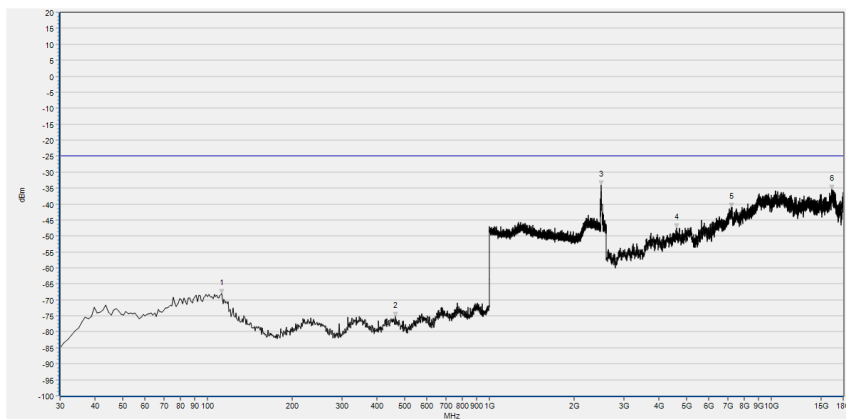
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 96.026 | -68.09 | -40.00 | Vertical | PASS |
| 2 | 566.947 | -73.36 | -40.00 | Vertical | PASS |
| 3 | 2311.712 | -39.90 | -40.00 | Vertical | N/A |
| 4 | 6530.866 | -48.23 | -40.00 | Vertical | PASS |
| 5 | 8339.188 | -49.37 | -40.00 | Vertical | PASS |
| 6 | 13188.078 | -51.48 | -40.00 | Vertical | PASS |



LTE Band 41, 20MHz BW, Low Channel, QPSK



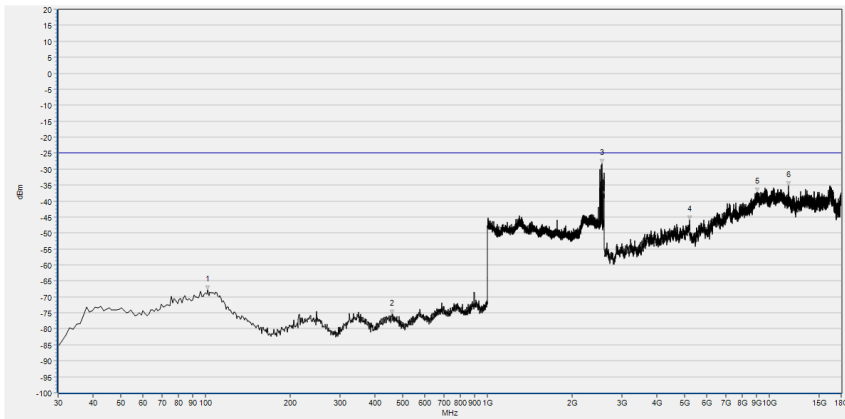
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 102.823 | -67.91 | -25.00 | Horizontal | PASS |
| 2 | 342.653 | -74.95 | -25.00 | Horizontal | PASS |
| 3 | 2488.496 | -19.13 | -25.00 | Horizontal | N/A |
| 4 | 4962.833 | -46.99 | -25.00 | Horizontal | PASS |
| 5 | 8998.440 | -35.86 | -25.00 | Horizontal | PASS |
| 6 | 16348.790 | -34.84 | -25.00 | Horizontal | PASS |



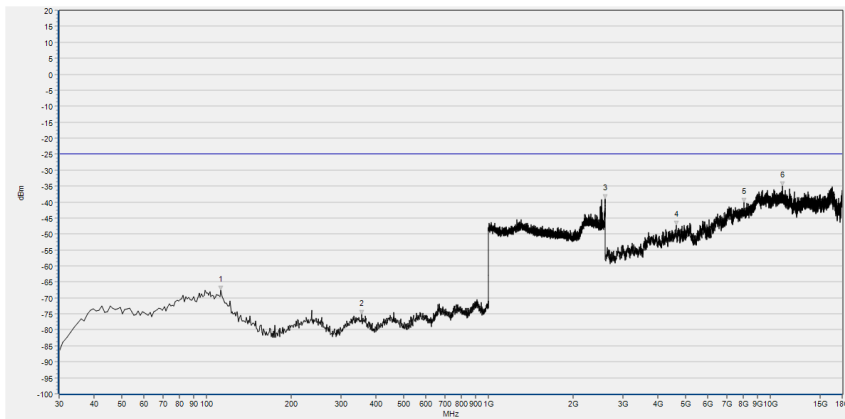
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 112.533 | -68.10 | -25.00 | Vertical | PASS |
| 2 | 464.024 | -75.28 | -25.00 | Vertical | PASS |
| 3 | 2491.697 | -34.08 | -25.00 | Vertical | N/A |
| 4 | 4605.481 | -47.40 | -25.00 | Vertical | PASS |
| 5 | 7236.327 | -40.98 | -25.00 | Vertical | PASS |
| 6 | 16382.677 | -35.48 | -25.00 | Vertical | PASS |



LTE Band 41, 20MHz BW, Mid Channel, QPSK

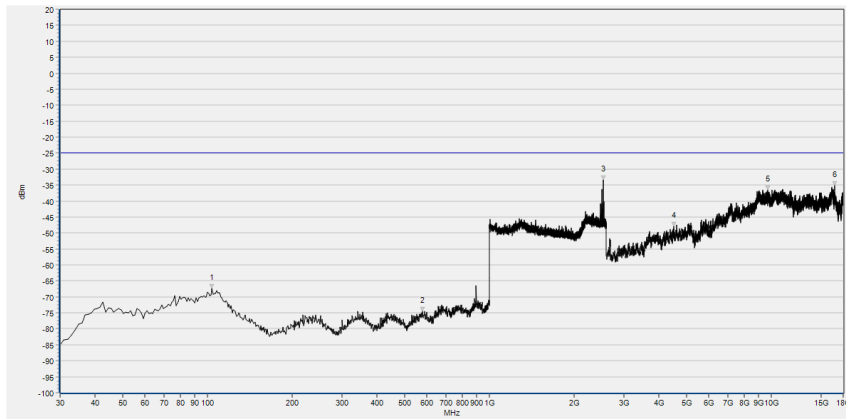


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 101.852 | -67.86 | -25.00 | Horizontal | PASS |
| 2 | 459.169 | -75.50 | -25.00 | Horizontal | PASS |
| 3 | 2553.051 | -28.18 | -25.00 | Horizontal | N/A |
| 4 | 5203.121 | -45.88 | -25.00 | Horizontal | PASS |
| 5 | 9081.616 | -37.14 | -25.00 | Horizontal | PASS |
| 6 | 11684.737 | -35.24 | -25.00 | Horizontal | PASS |

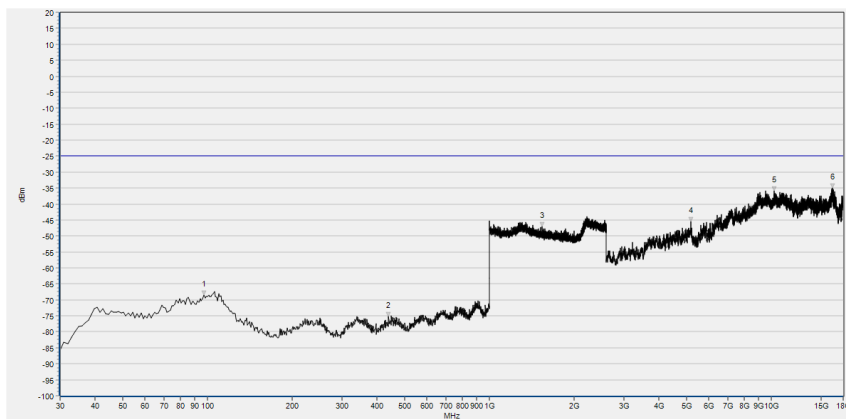


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 112.533 | -67.57 | -25.00 | Vertical | PASS |
| 2 | 355.275 | -75.26 | -25.00 | Vertical | PASS |
| 3 | 2593.064 | -38.94 | -25.00 | Vertical | N/A |
| 4 | 4630.126 | -47.16 | -25.00 | Vertical | PASS |
| 5 | 8074.255 | -40.18 | -25.00 | Vertical | PASS |
| 6 | 11074.775 | -35.06 | -25.00 | Vertical | PASS |

LTE Band 41, 20MHz BW, High Channel, QPSK

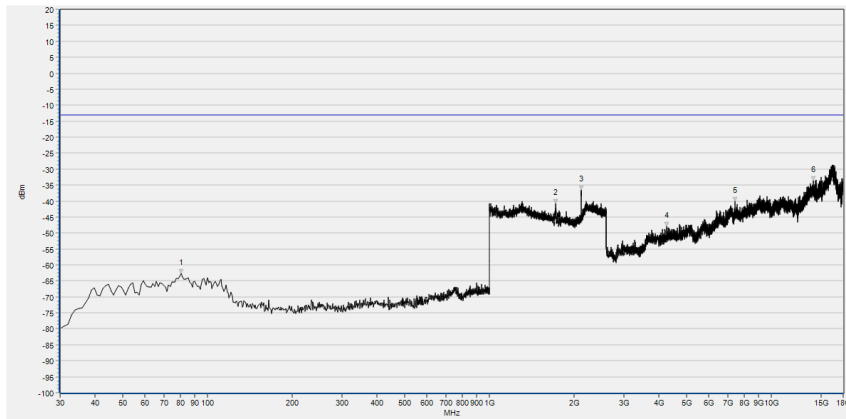


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 103.794 | -67.40 | -25.00 | Horizontal | PASS |
| 2 | 579.570 | -74.61 | -25.00 | Horizontal | PASS |
| 3 | 2532.778 | -33.50 | -25.00 | Horizontal | N/A |
| 4 | 4519.224 | -48.00 | -25.00 | Horizontal | PASS |
| 5 | 9737.788 | -36.58 | -25.00 | Horizontal | PASS |
| 6 | 16813.963 | -35.15 | -25.00 | Horizontal | PASS |

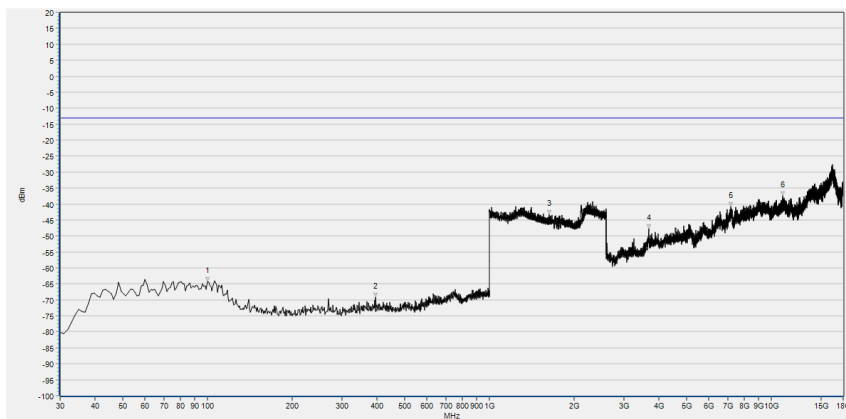


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 96.997 | -68.57 | -25.00 | Vertical | PASS |
| 2 | 438.779 | -75.22 | -25.00 | Vertical | PASS |
| 3 | 1534.045 | -46.94 | -25.00 | Vertical | PASS |
| 4 | 5190.798 | -45.49 | -25.00 | Vertical | PASS |
| 5 | 10218.364 | -35.97 | -25.00 | Vertical | PASS |
| 6 | 16472.014 | -35.04 | -25.00 | Vertical | PASS |

LTE Band 66, 20MHz BW, Low Channel, QPSK



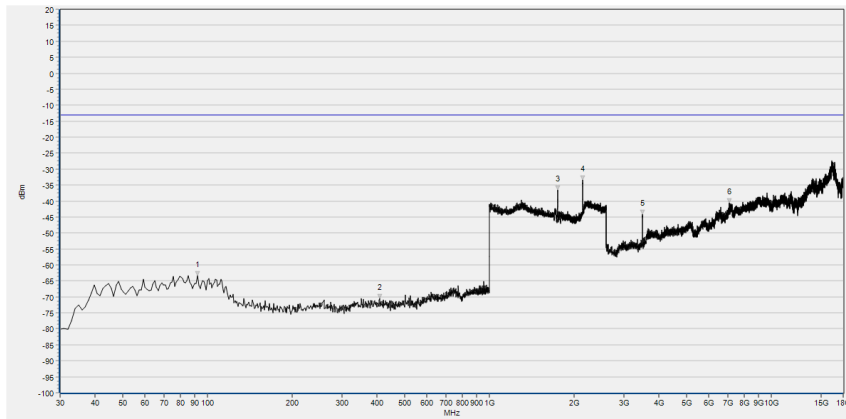
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 80.490 | -62.69 | -13.00 | Horizontal | PASS |
| 2 | 1721.161 | -40.88 | -13.00 | Horizontal | N/A |
| 3 | 2118.959 | -36.62 | -13.00 | Horizontal | N/A |
| 4 | 4242.940 | -47.88 | -13.00 | Horizontal | PASS |
| 5 | 7451.809 | -40.06 | -13.00 | Horizontal | PASS |
| 6 | 14064.644 | -33.62 | -13.00 | Horizontal | PASS |



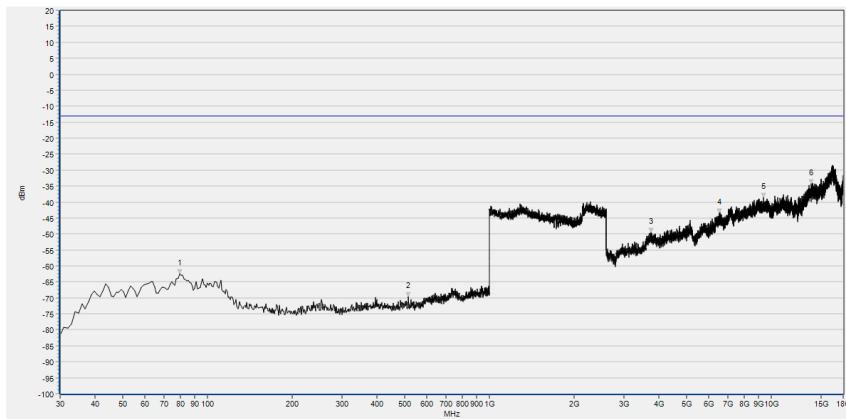
| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 99.910 | -64.36 | -13.00 | Vertical | PASS |
| 2 | 395.085 | -69.08 | -13.00 | Vertical | PASS |
| 3 | 1625.913 | -43.23 | -13.00 | Vertical | PASS |
| 4 | 3670.478 | -47.68 | -13.00 | Vertical | PASS |
| 5 | 7200.233 | -40.81 | -13.00 | Vertical | PASS |
| 6 | 10968.728 | -37.35 | -13.00 | Vertical | PASS |



LTE Band 66, 20MHz BW, Mid Channel, QPSK

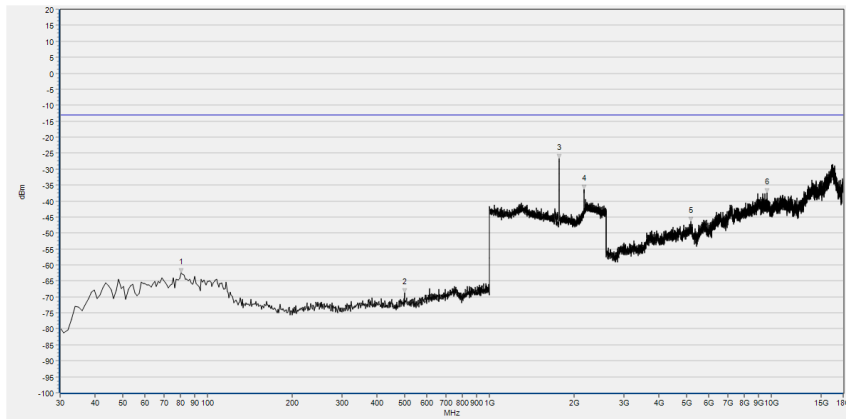


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 92.142 | -63.41 | -13.00 | Horizontal | PASS |
| 2 | 407.708 | -70.59 | -13.00 | Horizontal | N/A |
| 3 | 1746.773 | -36.55 | -13.00 | Horizontal | N/A |
| 4 | 2146.173 | -33.45 | -13.00 | Horizontal | PASS |
| 5 | 3485.648 | -44.22 | -13.00 | Horizontal | PASS |
| 6 | 7115.519 | -40.47 | -13.00 | Horizontal | PASS |

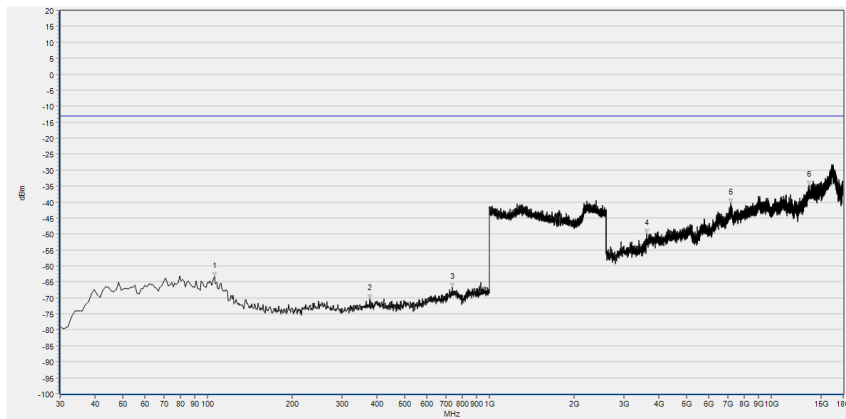


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 79.520 | -62.37 | -13.00 | Vertical | PASS |
| 2 | 516.456 | -69.71 | -13.00 | Vertical | PASS |
| 3 | 3734.656 | -49.39 | -13.00 | Vertical | PASS |
| 4 | 6540.490 | -43.45 | -13.00 | Vertical | PASS |
| 5 | 9382.264 | -38.44 | -13.00 | Vertical | PASS |
| 6 | 13823.337 | -34.29 | -13.00 | Vertical | PASS |

LTE Band 66, 20MHz BW, High Channel, QPSK

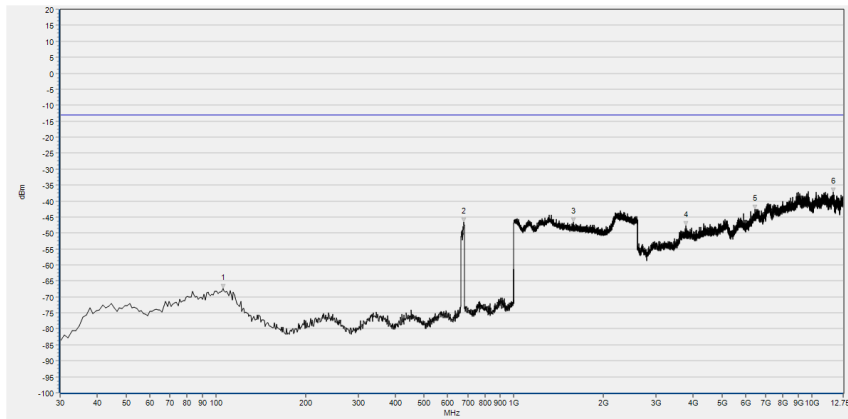


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 80.490 | -62.53 | -13.00 | Horizontal | PASS |
| 2 | 499.950 | -68.83 | -13.00 | Horizontal | PASS |
| 3 | 1768.384 | -26.69 | -13.00 | Horizontal | N/A |
| 4 | 2168.584 | -36.25 | -13.00 | Horizontal | N/A |
| 5 | 5192.765 | -46.31 | -13.00 | Horizontal | PASS |
| 6 | 9649.242 | -37.46 | -13.00 | Horizontal | PASS |

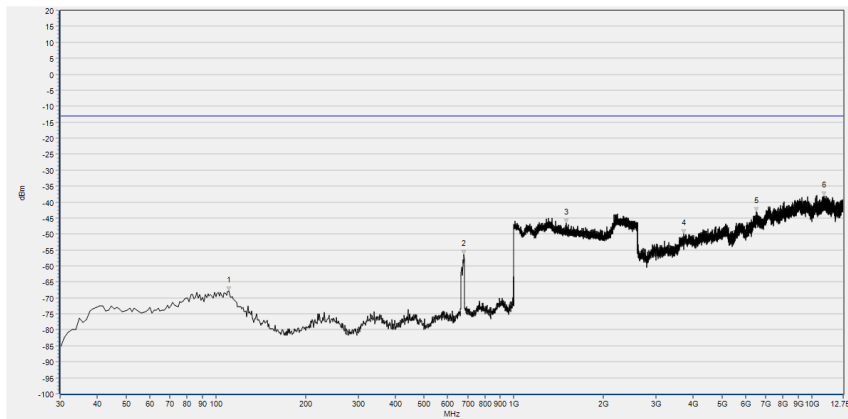


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 105.736 | -63.45 | -13.00 | Vertical | PASS |
| 2 | 375.666 | -70.36 | -13.00 | Vertical | PASS |
| 3 | 737.838 | -66.73 | -13.00 | Vertical | PASS |
| 4 | 3616.569 | -49.88 | -13.00 | Vertical | PASS |
| 5 | 7161.727 | -40.25 | -13.00 | Vertical | PASS |
| 6 | 13584.597 | -34.77 | -13.00 | Vertical | PASS |

LTE Band 71, 20MHz BW, Low Channel, QPSK

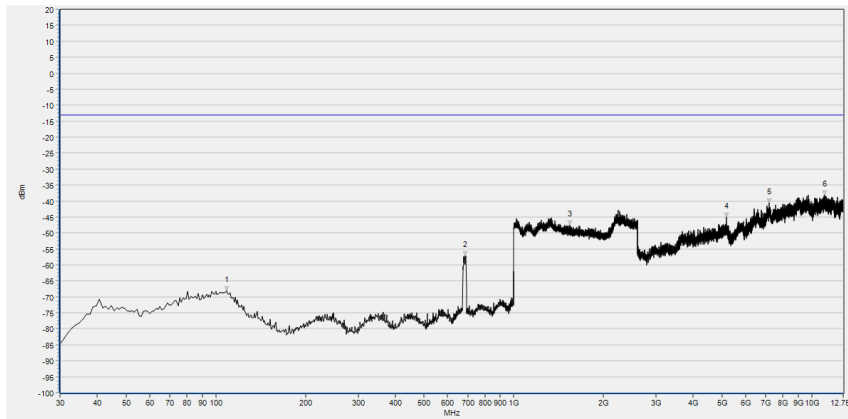


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 105.660 | -67.37 | -13.00 | Horizontal | PASS |
| 2 | 678.930 | -46.54 | -13.00 | Horizontal | N/A |
| 3 | 1584.554 | -46.63 | -13.00 | Horizontal | PASS |
| 4 | 3775.768 | -47.82 | -13.00 | Horizontal | PASS |
| 5 | 6430.015 | -42.47 | -13.00 | Horizontal | PASS |
| 6 | 11827.105 | -37.31 | -13.00 | Horizontal | PASS |

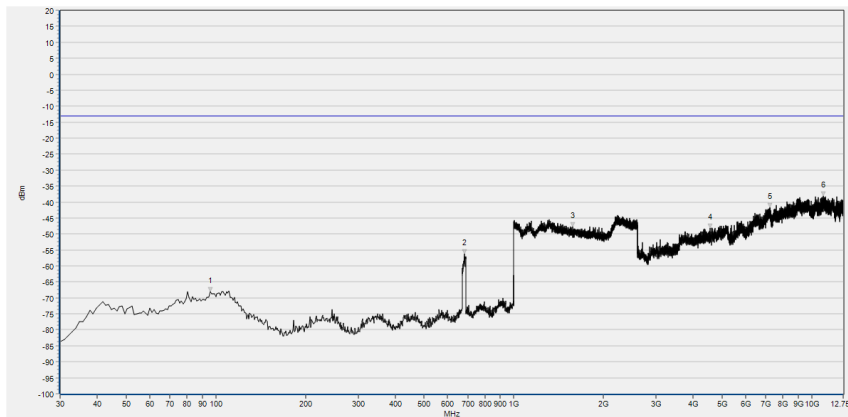


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 110.510 | -67.92 | -13.00 | Vertical | PASS |
| 2 | 679.900 | -56.46 | -13.00 | Vertical | N/A |
| 3 | 1500.680 | -46.61 | -13.00 | Vertical | PASS |
| 4 | 3725.932 | -49.86 | -13.00 | Vertical | PASS |
| 5 | 6511.229 | -43.11 | -13.00 | Vertical | PASS |
| 6 | 10978.041 | -38.18 | -13.00 | Vertical | PASS |

LTE Band 71, 20MHz BW, Mid Channel, QPSK

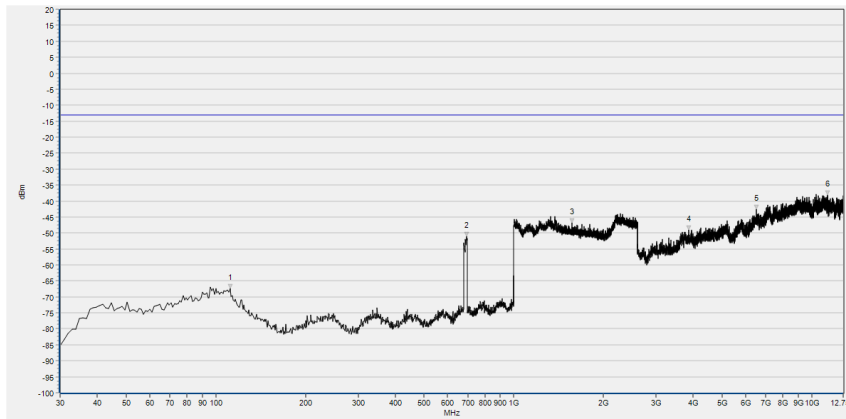


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 108.570 | -68.03 | -13.00 | Horizontal | PASS |
| 2 | 687.660 | -57.05 | -13.00 | Horizontal | N/A |
| 3 | 1544.218 | -47.57 | -13.00 | Horizontal | PASS |
| 4 | 5160.111 | -45.11 | -13.00 | Horizontal | PASS |
| 5 | 7205.246 | -40.57 | -13.00 | Horizontal | PASS |
| 6 | 11035.261 | -38.07 | -13.00 | Horizontal | PASS |

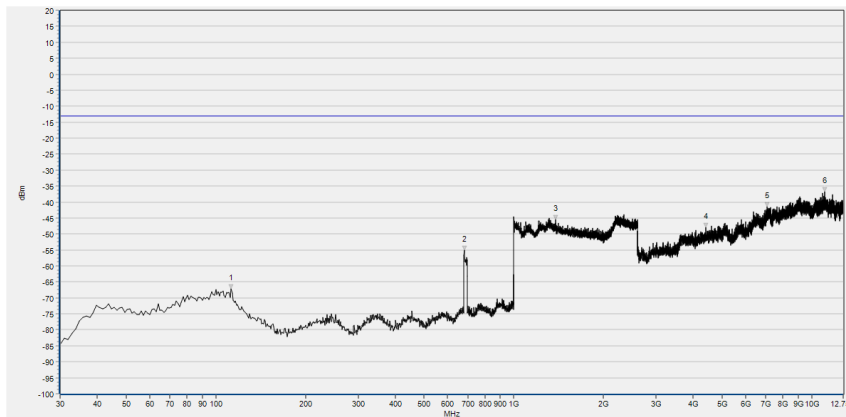


| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 95.960 | -68.10 | -13.00 | Vertical | PASS |
| 2 | 681.840 | -56.12 | -13.00 | Vertical | N/A |
| 3 | 1575.590 | -47.70 | -13.00 | Vertical | PASS |
| 4 | 4563.921 | -48.19 | -13.00 | Vertical | PASS |
| 5 | 7227.396 | -41.70 | -13.00 | Vertical | PASS |
| 6 | 10950.355 | -38.13 | -13.00 | Vertical | PASS |

LTE Band 71, 20MHz BW, High Channel, QPSK



| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|------------|---------|
| 1 | 111.480 | -67.37 | -13.00 | Horizontal | PASS |
| 2 | 692.510 | -51.02 | -13.00 | Horizontal | N/A |
| 3 | 1568.547 | -46.80 | -13.00 | Horizontal | PASS |
| 4 | 3856.983 | -48.98 | -13.00 | Horizontal | PASS |
| 5 | 6520.458 | -42.51 | -13.00 | Horizontal | PASS |
| 6 | 11310.284 | -38.16 | -13.00 | Horizontal | PASS |



| No. | Fre.(MHz) | PK (dBm) | Limit (dBm) | Antenna | Verdict |
|-----|-----------|----------|-------------|----------|---------|
| 1 | 112.450 | -67.08 | -13.00 | Vertical | PASS |
| 2 | 681.840 | -55.18 | -13.00 | Vertical | N/A |
| 3 | 1381.593 | -45.38 | -13.00 | Vertical | PASS |
| 4 | 4414.412 | -47.97 | -13.00 | Vertical | PASS |
| 5 | 7094.499 | -41.53 | -13.00 | Vertical | PASS |
| 6 | 11064.794 | -36.73 | -13.00 | Vertical | PASS |



Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

| Test Items | Uncertainty |
|-------------------------------------|---------------|
| Output Power | ± 2.22 dB |
| Bandwidth | $\pm 5\%$ |
| Conducted Spurious Emission | ± 2.77 dB |
| Band Edge | ± 2.77 dB |
| Equivalent Isotropic Radiated Power | ± 2.22 dB |
| Radiated Spurious Emissions | ± 6 dB |

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

| | |
|----------------------------|--|
| Laboratory Name: | Shenzhen Morlab Communications Technology Co., Ltd. |
| Laboratory Address: | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |
| Telephone: | +86 755 36698555 |
| Facsimile: | +86 755 36698525 |

2. Identification of the Responsible Testing Location

| | |
|-----------------|--|
| Name: | Shenzhen Morlab Communications Technology Co., Ltd. |
| Address: | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.





4. Test Equipments Utilized

4.1 Conducted Test Equipments

| Equipment Name | Serial No. | Type | Manufacturer | Cal. Date | Due Date |
|----------------------------|------------------------|-----------------|--------------|------------|------------|
| EXA Signal Analyzer | MY51511149 | N9020A | Agilent | 2022.07.04 | 2023.07.03 |
| | | | | 2023.06.21 | 2024.06.20 |
| Communication Test Station | 6200995016 | MT8820C | Anritsu | 2022.10.11 | 2023.10.10 |
| Temperature Chamber | S022177101 00089002 | KMT-36LF 1A0 | KOMEG | 2022.11.18 | 2023.11.17 |

4.2 List of Software Used

| Description | Manufacturer | Software Version |
|----------------------------|--------------|------------------|
| Morlab FCC LTE Test System | MORLAB | V6.71 |
| MORLAB EMCR | MORLAB | V1.2 |
| TS+ -[JS36-RSE] | DongSheng | 2.0.1.3 |



**4.3 Radiated Test Equipments**

| Equipment Name | Serial No. | Type | Manufacturer | Cal. Date | Cal. Due |
|--------------------------------|-------------|---------------------|---------------|------------|------------|
| Loop Antenna | 00131 | FMZB 1519B | SCHWARZBECK | 2022.10.25 | 2025.10.24 |
| Loop Antenna | 1519-022 | FMZB 1519 | SCHWARZBECK | 2022.02.11 | 2025.02.10 |
| Bi-Log Antenna | 9163-274 | VULB 9163 | SCHWARZBECK | 2022.11.07 | 2025.11.06 |
| Bi-Log Antenna | 9163-519 | VULB 9163 | SCHWARZBECK | 2022.05.25 | 2025.05.24 |
| Horn Antenna | 9120D-963 | BBHA 9120D | SCHWARZBECK | 2022.05.25 | 2025.05.24 |
| Horn Antenna | 01774 | BBHA 9120D | SCHWARZBECK | 2022.07.13 | 2025.07.12 |
| Receiver | MY54130016 | N9038A | Agilent | 2023.06.21 | 2024.06.20 |
| Receiver | MY56400093 | N9038A | KEYSIGHT | 2023.02.09 | 2024.02.08 |
| Signal Analyzer | MY56060145 | N9020A | Agilent | 2023.06.21 | 2024.06.20 |
| 6db Attenuator | E191001 | BW-N6W5+ | Mini-circuits | 2022.10.11 | 2023.10.10 |
| Preamplifier (2GHz-8GHz) | 61171/61172 | S020180L32 03 | LUCIX CORP. | 2023.06.27 | 2024.06.26 |
| Preamplifier (10MHz-6GHz) | 46732 | S10M100L38 02 | LUCIX CORP. | 2023.06.27 | 2024.06.26 |
| Preamplifier (18GHz-40GHz) | DS77209 | DCLNA0118- 40C-S | Decentest | 2023.07.04 | 2024.07.03 |
| System Simulator | 152038 | CMW500 | R&S | 2022.10.11 | 2023.10.10 |
| System Simulator | MY48364176 | 8960-E5515 C | Agilent | 2023.02.27 | 2024.02.26 |
| RF Coaxial Cable (DC-18GHz) | MRE001 | PE330 | Pasternack | 2023.06.27 | 2024.06.26 |
| RF Coaxial Cable (DC-18GHz) | MRE002 | CLU18 | Pasternack | 2023.06.27 | 2024.06.26 |
| RF Coaxial Cable (DC-18GHz) | MRE003 | CLU18 | Pasternack | 2023.06.27 | 2024.06.26 |
| RF Coaxial Cable (DC-40GHz) | 22290045 | QA360-40-K K-0.5 | Qualwave | 2023.07.04 | 2024.07.03 |
| RF Coaxial Cable (DC-40GHz) | 22290046 | QA360-40-K KF-2 | Qualwave | 2023.07.04 | 2024.07.03 |
| RF Coaxial Cable (DC-18GHz) | 22120181 | QA500-18-N N-5 | Qualwave | 2023.07.04 | 2024.07.03 |

————— END OF REPORT —————

