## 4.7 RADIATED EMISSION MEASUREMENT

### 4.7.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

| Frequencies (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|---|---|---|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

## 4.7.2 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED DATE | CALIBRATED UNTIL |
|---|---|---|---|---|
| ROHDE & SCHWARZ Spectrum Analyzer | FSP40 | 100036 | Dec. 9, 2008 | Dec. 8, 2009 |
| Agilent PSA Spectrum Analyzer | E4446A | MY46180622 | Apr. 24 , 2009 | Apr. 23 , 2010 |
| HP Pre_Amplifier | 8449B | 3008A01923 | Nov. 10, 2008 | Nov. 9, 2009 |
| ROHDE & SCHWARZ Test Receiver | ESCS30 | 847124/029 | Aug. 28, 2009 | Aug. 28, 2010 |
| SCHWARZBECK TRILOG Broadband Antenna | VULB 9168 | 138 | April 29, 2009 | April 28, 2010 |
| Schwarzbeck Horn_Antenna | BBHA9120 | D124 | Dec. 09, 2008 | Dec. 08, 2009 |
| Schwarzbeck Horn_Antenna | BBHA 9170 | BBHA9170153 | Jan. 22, 2009 | Jan. 21, 2010 |
| RF Switches | EMH-011 | 08009 | Sep. 26, 2009 | Sep. 25, 2010 |
| RF CABLE (Chaintek) | Sucoflex 106 | 28077 | Aug. 14, 2009 | Aug. 13, 2010 |
| RF Cable | 8D | STCCAB-001 | Sep. 26, 2009 | Sep. 25, 2010 |
| Software | ADT_Radiated_ V7.6.15.9.2 | NA | NA | NA |
| CT Antenna Tower & Turn Table | NA | NA | NA | NA |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, HP preamplifier (model: 8449B) and Spectrum Analyzer (model: FSP40) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in Open Site No. C.
4. The FCC Site Registration No. is 656396.
5. The VCCI Site Registration No. is R-1626.
6. The CANADA Site Registration No. is IC 7450G-3.

## 4.7.3 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

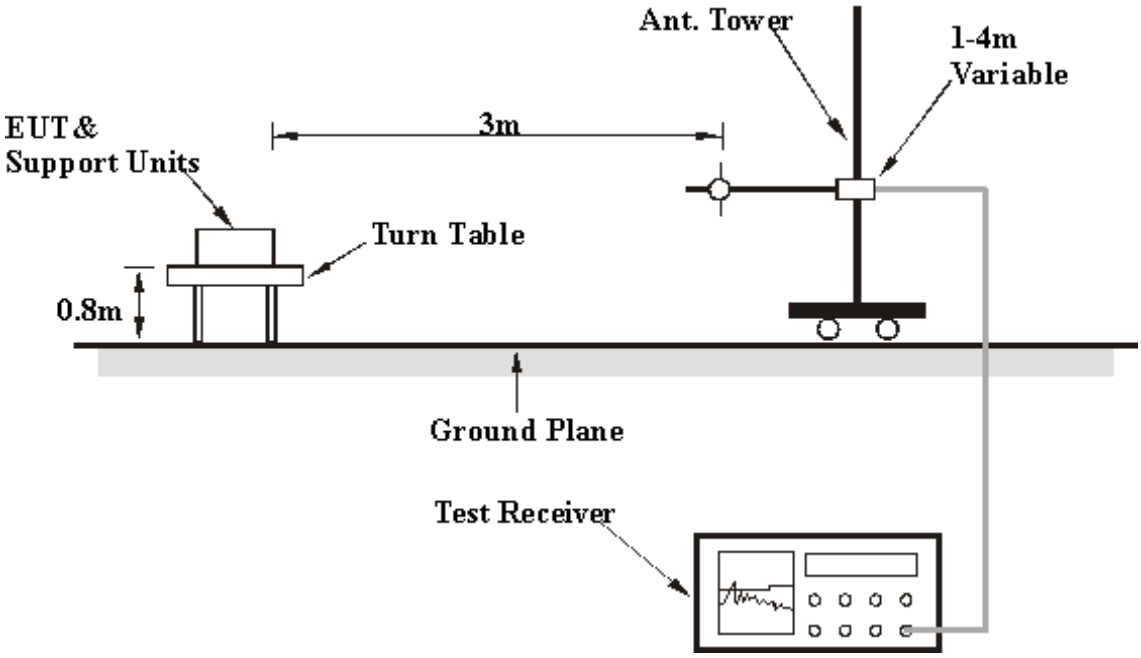
**NOTE:**

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth is 1MHz and video bandwidth of test receiver/spectrum analyzer is 3MHz for Peak detection at frequency above 1GHz.

## 4.7.4 DEVIATION FROM TEST STANDARD

No deviation

## 4.7.5 TEST SETUP




For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

## 4.7.6 TEST RESULTS (MODE A)

For PR-ASK(XRM) – High Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (system)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 27.09 QP | 43.50 | -16.41 | 1.63 H | 192 | 15.23 | 11.86 |
| 2 | 300.00 | 30.03 QP | 46.00 | -15.97 | 1.70 H | 178 | 14.02 | 16.01 |
| 3 | 359.77 | 28.51 QP | 46.00 | -17.49 | 1.72 H | 244 | 11.00 | 17.51 |
| 4 | 400.00 | 31.08 QP | 46.00 | -14.92 | 1.66 H | 30 | 12.54 | 18.54 |
| 5 | 600.00 | 36.41 QP | 46.00 | -9.59 | 1.55 H | 299 | 12.54 | 23.87 |
| **6** | **900.00** | **37.81 QP** | **46.00** | **-8.19** | **1.89 H** | **240** | **9.62** | **28.19** |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 25.31 QP | 43.50 | -18.19 | 1.67 V | 11 | 13.45 | 11.86 |
| 2 | 300.00 | 32.75 QP | 46.00 | -13.25 | 1.20 V | 230 | 16.74 | 16.01 |
| 3 | 360.00 | 30.14 QP | 46.00 | -15.86 | 1.30 V | 200 | 12.62 | 17.52 |
| 4 | 400.00 | 26.99 QP | 46.00 | -19.01 | 1.67 V | 206 | 8.45 | 18.54 |
| 5 | 600.00 | 32.11 QP | 46.00 | -13.89 | 1.24 V | 101 | 8.24 | 23.87 |
| 6 | 719.96 | 32.12 QP | 46.00 | -13.88 | 1.57 V | 259 | 6.90 | 25.22 |
| 7 | 900.00 | 33.69 QP | 46.00 | -12.31 | 1.11 V | 47 | 5.50 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 61.31PK | 108.11 | -46.80 | 1.30 H | 348 | 33.10 | 28.21 |
| | 2 | 902.00 | 49.01AV | 105.81 | -56.80 | 1.30 H | 348 | 20.80 | 28.21 |
| | 3 | *902.75 | 128.11PK | - | - | 1.28 H | 355 | 99.90 | 28.21 |
| | 4 | *902.75 | 125.81AV | - | - | 1.28 H | 355 | 97.60 | 28.21 |
| 24 | 1 | *914.75 | 126.21PK | - | - | 1.36 H | 358 | 97.90 | 28.31 |
| | 2 | *914.75 | 123.11AV | - | - | 1.36 H | 358 | 94.80 | 28.31 |
| 49 | 1 | *927.25 | 125.91PK | - | - | 1.36 H | 358 | 97.50 | 28.41 |
| | 2 | *927.25 | 123.31AV | - | - | 1.36 H | 358 | 94.90 | 28.41 |
| | 3 | 928.00 | 60.40PK | 105.91 | -45.51 | 1.40 H | 28 | 31.99 | 28.41 |
| | 4 | 928.00 | 47.41AV | 103.31 | -55.90 | 1.40 H | 28 | 19.00 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 57.31PK | 103.31 | -46.00 | 1.35 V | 60 | 29.10 | 28.21 |
| | 2 | 902.00 | 43.41AV | 100.51 | -57.10 | 1.35 V | 60 | 15.20 | 28.21 |
| | 3 | *902.75 | 123.31PK | - | - | 1.45 V | 58 | 95.10 | 28.21 |
| | 4 | *902.75 | 120.51AV | - | - | 1.45 V | 58 | 92.30 | 28.21 |
| 24 | 1 | *914.75 | 122.55PK | - | - | 1.50 V | 61 | 94.24 | 28.31 |
| | 2 | *914.75 | 119.51AV | - | - | 1.50 V | 61 | 91.20 | 28.31 |
| 49 | 1 | *927.25 | 121.31PK | - | - | 1.55 V | 82 | 92.90 | 28.41 |
| | 2 | *927.25 | 119.11AV | - | - | 1.55 V | 82 | 90.70 | 28.41 |
| | 3 | 928.00 | 54.71PK | 101.31 | -46.60 | 1.30 V | 87 | 26.30 | 28.41 |
| | 4 | 928.00 | 41.99AV | 99.11 | -57.12 | 1.30 V | 87 | 13.58 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C,45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 48.82 PK | 74.00 | -25.18 | 1.53 H | 312 | 17.41 | 31.41 |
| 2 | 2708.00 | 40.44 AV | 54.00 | -13.56 | 1.53 H | 312 | 9.03 | 31.41 |
| 3 | 3610.00 | 43.36 PK | 74.00 | -30.64 | 1.49 H | 36 | 10.12 | 33.24 |
| 4 | 3610.00 | 36.14 AV | 54.00 | -17.86 | 1.49 H | 36 | 2.90 | 33.24 |
| 5 | 4513.00 | 43.30 PK | 74.00 | -30.70 | 1.07 H | 284 | 7.35 | 35.95 |
| 6 | 4513.00 | 33.89 AV | 54.00 | -20.11 | 1.07 H | 284 | -2.06 | 35.95 |
| 7 | 5415.50 | 42.18 PK | 74.00 | -31.82 | 1.23 H | 142 | 4.92 | 37.26 |
| 8 | 5415.50 | 31.49 AV | 54.00 | -22.51 | 1.23 H | 142 | -5.77 | 37.26 |
| 9 | 8123.40 | 49.92 PK | 74.00 | -24.08 | 1.16 H | 356 | 5.84 | 44.08 |
| 10 | 8123.40 | 39.36 AV | 54.00 | -14.64 | 1.16 H | 356 | -4.72 | 44.08 |
| 11 | 9026.00 | 51.27 PK | 74.00 | -22.73 | 1.34 H | 287 | 6.74 | 44.53 |
| 12 | 9026.00 | 39.47 AV | 54.00 | -14.53 | 1.34 H | 287 | -5.06 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 44.07 PK | 74.00 | -29.93 | 1.51 V | 338 | 12.66 | 31.41 |
| 2 | 2708.00 | 36.18 AV | 54.00 | -17.82 | 1.51 V | 338 | 4.77 | 31.41 |
| 3 | 3610.00 | 45.69 PK | 74.00 | -28.31 | 1.31 V | 193 | 12.45 | 33.24 |
| 4 | 3610.00 | 37.90 AV | 54.00 | -16.10 | 1.31 V | 193 | 4.66 | 33.24 |
| 5 | 4513.00 | 42.35 PK | 74.00 | -31.65 | 1.30 V | 28 | 6.40 | 35.95 |
| 6 | 4513.00 | 33.77 AV | 54.00 | -20.23 | 1.30 V | 28 | -2.18 | 35.95 |
| 7 | 5415.50 | 43.56 PK | 74.00 | -30.44 | 1.15 V | 264 | 6.30 | 37.26 |
| 8 | 5415.50 | 33.22 AV | 54.00 | -20.78 | 1.15 V | 264 | -4.04 | 37.26 |
| 9 | 8123.40 | 52.69 PK | 74.00 | -21.31 | 1.15 V | 100 | 8.61 | 44.08 |
| 10 | 8123.40 | 44.38 AV | 54.00 | -9.62 | 1.15 V | 100 | 0.30 | 44.08 |
| 11 | 9026.00 | 49.98 PK | 74.00 | -24.02 | 1.07 V | 281 | 5.45 | 44.53 |
| 12 | 9026.00 | 39.69 AV | 54.00 | -14.31 | 1.07 V | 281 | -4.84 | 44.53 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK) Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 20deg. C, 63%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 44.17 PK | 74.00 | -29.83 | 1.49 H | 316 | 12.64 | 31.53 |
| 2 | 2744.00 | 38.44 AV | 54.00 | -15.56 | 1.49 H | 316 | 6.91 | 31.53 |
| 3 | 3658.00 | 44.16 PK | 74.00 | -29.84 | 1.49 H | 221 | 10.77 | 33.39 |
| 4 | 3658.00 | 36.52 AV | 54.00 | -17.48 | 1.49 H | 221 | 3.13 | 33.39 |
| 5 | 4573.00 | 44.30 PK | 74.00 | -29.70 | 1.28 H | 7 | 8.18 | 36.12 |
| 6 | 4573.00 | 33.90 AV | 54.00 | -20.10 | 1.28 H | 7 | -2.22 | 36.12 |
| 7 | 5487.60 | 45.13 PK | 74.00 | -28.87 | 1.48 H | 236 | 7.87 | 37.26 |
| 8 | 5487.60 | 32.14 AV | 54.00 | -21.86 | 1.48 H | 236 | -5.12 | 37.26 |
| 9 | 7316.80 | 49.12 PK | 74.00 | -24.88 | 1.24 H | 298 | 5.99 | 43.13 |
| 10 | 7316.80 | 40.01 AV | 54.00 | -13.99 | 1.24 H | 298 | -3.12 | 43.13 |
| 11 | 8231.40 | 53.68 PK | 74.00 | -20.32 | 1.47 H | 26 | 9.59 | 44.09 |
| 12 | 8231.40 | 41.43 AV | 54.00 | -12.57 | 1.47 H | 26 | -2.66 | 44.09 |
| 13 | 9146.00 | 51.17 PK | 74.00 | -22.83 | 1.08 H | 347 | 6.32 | 44.85 |
| 14 | 9146.00 | 39.10 AV | 54.00 | -14.90 | 1.08 H | 347 | -5.75 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 44.38 PK | 74.00 | -29.62 | 1.09 V | 251 | 12.85 | 31.53 |
| 2 | 2744.00 | 34.25 AV | 54.00 | -19.75 | 1.09 V | 251 | 2.72 | 31.53 |
| 3 | 3658.00 | 45.67 PK | 74.00 | -28.33 | 1.36 V | 29 | 12.28 | 33.39 |
| 4 | 3658.00 | 37.25 AV | 54.00 | -16.75 | 1.36 V | 29 | 3.86 | 33.39 |
| 5 | 4573.00 | 41.78 PK | 74.00 | -32.22 | 1.33 V | 194 | 5.66 | 36.12 |
| 6 | 4573.00 | 33.23 AV | 54.00 | -20.77 | 1.33 V | 194 | -2.89 | 36.12 |
| 7 | 5487.60 | 43.74 PK | 74.00 | -30.26 | 1.09 V | 28 | 6.48 | 37.26 |
| 8 | 5487.60 | 33.84 AV | 54.00 | -20.16 | 1.09 V | 28 | -3.42 | 37.26 |
| 9 | 7316.80 | 54.10 PK | 74.00 | -19.90 | 1.29 V | 0 | 10.97 | 43.13 |
| 10 | 7316.80 | 44.78 AV | 54.00 | -9.22 | 1.29 V | 0 | 1.65 | 43.13 |
| 11 | 8231.40 | 52.39 PK | 74.00 | -21.61 | 1.33 V | 360 | 8.30 | 44.09 |
| 12 | 8231.40 | 42.66 AV | 54.00 | -11.34 | 1.33 V | 360 | -1.43 | 44.09 |
| 13 | 9146.00 | 50.87 PK | 74.00 | -23.13 | 1.24 V | 208 | 6.02 | 44.85 |
| 14 | 9146.00 | 39.64 AV | 54.00 | -14.36 | 1.24 V | 208 | -5.21 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 43.24 PK | 74.00 | -30.76 | 1.03 H | 241 | 11.58 | 31.66 |
| 2 | 2782.00 | 34.33 AV | 54.00 | -19.67 | 1.03 H | 241 | 2.67 | 31.66 |
| 3 | 3709.60 | 41.08 PK | 74.00 | -32.92 | 1.40 H | 23 | 7.54 | 33.54 |
| 4 | 3709.60 | 30.83 AV | 54.00 | -23.17 | 1.40 H | 23 | -2.71 | 33.54 |
| 5 | 4637.00 | 41.49 PK | 74.00 | -32.51 | 1.08 H | 271 | 5.20 | 36.29 |
| 6 | 4637.00 | 30.34 AV | 54.00 | -23.66 | 1.08 H | 271 | -5.95 | 36.29 |
| 7 | 5564.40 | 43.22 PK | 74.00 | -30.78 | 1.20 H | 38 | 5.78 | 37.44 |
| 8 | 5564.40 | 31.78 AV | 54.00 | -22.22 | 1.20 H | 38 | -5.66 | 37.44 |
| 9 | 7419.20 | 48.72 PK | 74.00 | -25.28 | 1.00 H | 24 | 5.59 | 43.13 |
| 10 | 7419.20 | 37.66 AV | 54.00 | -16.34 | 1.00 H | 24 | -5.47 | 43.13 |
| 11 | 8346.60 | 48.62 PK | 74.00 | -25.38 | 1.03 H | 339 | 4.52 | 44.10 |
| 12 | 8346.60 | 38.10 AV | 54.00 | -15.90 | 1.03 H | 339 | -6.00 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 40.62 PK | 74.00 | -33.38 | 1.27 V | 105 | 8.96 | 31.66 |
| 2 | 2782.00 | 30.68 AV | 54.00 | -23.32 | 1.27 V | 105 | -0.98 | 31.66 |
| 3 | 3709.60 | 41.40 PK | 74.00 | -32.60 | 1.08 V | 207 | 7.86 | 33.54 |
| 4 | 3709.60 | 30.45 AV | 54.00 | -23.55 | 1.08 V | 207 | -3.09 | 33.54 |
| 5 | 4637.00 | 42.70 PK | 74.00 | -31.30 | 1.24 V | 331 | 6.41 | 36.29 |
| 6 | 4637.00 | 30.82 AV | 54.00 | -23.18 | 1.24 V | 331 | -5.47 | 36.29 |
| 7 | 5564.40 | 43.27 PK | 74.00 | -30.73 | 1.23 V | 108 | 5.83 | 37.44 |
| 8 | 5564.40 | 32.41 AV | 54.00 | -21.59 | 1.23 V | 108 | -5.03 | 37.44 |
| 9 | 7419.20 | 48.07 PK | 74.00 | -25.93 | 1.00 V | 147 | 4.94 | 43.13 |
| 10 | 7419.20 | 38.24 AV | 54.00 | -15.76 | 1.00 V | 147 | -4.89 | 43.13 |
| 11 | 8346.60 | 48.78 PK | 74.00 | -25.22 | 1.20 V | 147 | 4.68 | 44.10 |
| 12 | 8346.60 | 37.72 AV | 54.00 | -16.28 | 1.20 V | 147 | -6.38 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(XRM) – Low Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 26.82 QP | 43.50 | -16.68 | 1.54 H | 178 | 14.96 | 11.86 |
| 2 | 300.00 | 29.70 QP | 46.00 | -16.30 | 1.72 H | 184 | 13.69 | 16.01 |
| 3 | 359.77 | 27.75 QP | 46.00 | -18.25 | 1.70 H | 204 | 10.24 | 17.51 |
| 4 | 400.00 | 30.40 QP | 46.00 | -15.60 | 1.50 H | 358 | 11.86 | 18.54 |
| 5 | 600.00 | 35.11 QP | 46.00 | -10.89 | 1.51 H | 256 | 11.24 | 23.87 |
| 6 | 900.00 | 37.42 QP | 46.00 | -8.58 | 1.81 H | 230 | 9.23 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 24.54 QP | 43.50 | -18.96 | 1.23 V | 44 | 12.68 | 11.86 |
| 2 | 300.00 | 31.99 QP | 46.00 | -14.01 | 1.20 V | 324 | 15.98 | 16.01 |
| 3 | 360.00 | 30.53 QP | 46.00 | -15.47 | 1.57 V | 115 | 13.01 | 17.52 |
| 4 | 400.00 | 27.56 QP | 46.00 | -18.44 | 1.44 V | 44 | 9.02 | 18.54 |
| 5 | 600.00 | 32.07 QP | 46.00 | -13.93 | 1.17 V | 24 | 8.20 | 23.87 |
| 6 | 719.96 | 30.89 QP | 46.00 | -15.11 | 1.54 V | 115 | 5.67 | 25.22 |
| 7 | 900.00 | 34.21 QP | 46.00 | -11.79 | 1.00 V | 44 | 6.02 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Eric Lee |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 46.10PK | 89.71 | -43.61 | 1.30 H | 349 | 17.89 | 28.21 |
| | 2 | 902.00 | 32.92AV | 86.74 | -53.79 | 1.30 H | 349 | 4.71 | 28.21 |
| | 3 | *902.75 | 109.71PK | - | - | 1.28 H | 355 | 81.50 | 28.21 |
| | 4 | *902.75 | 106.71AV | - | - | 1.28 H | 355 | 78.50 | 28.21 |
| 24 | 1 | *914.75 | 110.01PK | - | - | 1.29 H | 350 | 81.70 | 28.31 |
| | 2 | *914.75 | 107.51AV | - | - | 1.29 H | 350 | 79.20 | 28.31 |
| 49 | 1 | *927.25 | 109.51PK | - | - | 1.30 H | 1 | 81.10 | 28.41 |
| | 2 | *927.25 | 106.51AV | - | - | 1.30 H | 1 | 78.10 | 28.41 |
| | 3 | 928.00 | 46.31PK | 89.51 | -43.20 | 1.27 H | 1 | 17.90 | 28.41 |
| | 4 | 928.00 | 33.51AV | 86.51 | -53.00 | 1.27 H | 1 | 5.10 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 48.71PK | 84.11 | -35.40 | 1.40 V | 55 | 20.50 | 28.21 |
| | 2 | 902.00 | 35.08AV | 80.91 | -45.83 | 1.40 V | 55 | 6.87 | 28.21 |
| | 3 | *902.75 | 104.11PK | - | - | 1.43 V | 60 | 75.90 | 28.21 |
| | 4 | *902.75 | 100.91AV | - | - | 1.43 V | 60 | 72.70 | 28.21 |
| 24 | 1 | *914.75 | 104.01PK | - | - | 1.30 V | 343 | 75.70 | 28.31 |
| | 2 | *914.75 | 100.61AV | - | - | 1.30 V | 343 | 72.30 | 28.31 |
| 49 | 1 | *927.25 | 104.51PK | - | - | 1.44 V | 57 | 76.10 | 28.41 |
| | 2 | *927.25 | 101.41AV | - | - | 1.44 V | 57 | 73.00 | 28.41 |
| | 3 | 928.00 | 48.51PK | 84.51 | -36.00 | 1.34 V | 7 | 20.10 | 28.41 |
| | 4 | 928.00 | 34.61AV | 81.41 | -46.80 | 1.34 V | 7 | 6.20 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.91 PK | 74.00 | -35.09 | 1.31 H | 68 | 7.50 | 31.41 |
| 2 | 2708.00 | 27.41 AV | 54.00 | -26.59 | 1.31 H | 68 | -4.00 | 31.41 |
| 3 | 3610.00 | 39.26 PK | 74.00 | -34.74 | 1.24 H | 191 | 6.02 | 33.24 |
| 4 | 3610.00 | 27.69 AV | 54.00 | -26.31 | 1.24 H | 191 | -5.55 | 33.24 |
| 5 | 4513.00 | 40.47 PK | 74.00 | -33.53 | 1.07 H | 124 | 4.52 | 35.95 |
| 6 | 4513.00 | 29.80 AV | 54.00 | -24.20 | 1.07 H | 124 | -6.15 | 35.95 |
| 7 | 5415.50 | 42.31 PK | 74.00 | -31.69 | 1.23 H | 223 | 5.05 | 37.26 |
| 8 | 5415.50 | 31.32 AV | 54.00 | -22.68 | 1.23 H | 223 | -5.94 | 37.26 |
| 9 | 8123.40 | 48.96 PK | 74.00 | -25.04 | 1.15 H | 241 | 4.88 | 44.08 |
| 10 | 8123.40 | 38.20 AV | 54.00 | -15.80 | 1.15 H | 241 | -5.88 | 44.08 |
| 11 | 9026.00 | 50.31 PK | 74.00 | -23.69 | 1.09 H | 233 | 5.78 | 44.53 |
| 12 | 9026.00 | 38.54 AV | 54.00 | -15.46 | 1.09 H | 233 | -5.99 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.43 PK | 74.00 | -35.57 | 1.40 V | 344 | 7.02 | 31.41 |
| 2 | 2708.00 | 27.58 AV | 54.00 | -26.42 | 1.40 V | 344 | -3.83 | 31.41 |
| 3 | 3610.00 | 39.47 PK | 74.00 | -34.53 | 1.41 V | 301 | 6.23 | 33.24 |
| 4 | 3610.00 | 28.37 AV | 54.00 | -25.63 | 1.41 V | 301 | -4.87 | 33.24 |
| 5 | 4513.00 | 40.32 PK | 74.00 | -33.68 | 1.03 V | 121 | 4.37 | 35.95 |
| 6 | 4513.00 | 29.43 AV | 54.00 | -24.57 | 1.03 V | 121 | -6.52 | 35.95 |
| 7 | 5415.50 | 42.38 PK | 74.00 | -31.62 | 1.24 V | 203 | 5.12 | 37.26 |
| 8 | 5415.50 | 30.54 AV | 54.00 | -23.46 | 1.24 V | 203 | -6.72 | 37.26 |
| 9 | 8123.40 | 51.01 PK | 74.00 | -22.99 | 1.11 V | 117 | 6.93 | 44.08 |
| 10 | 8123.40 | 37.69 AV | 54.00 | -16.31 | 1.11 V | 117 | -6.39 | 44.08 |
| 11 | 9026.00 | 51.24 PK | 74.00 | -22.76 | 1.07 V | 103 | 6.71 | 44.53 |
| 12 | 9026.00 | 38.42 AV | 54.00 | -15.58 | 1.07 V | 103 | -6.11 | 44.53 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.73 PK | 74.00 | -35.27 | 1.24 H | 38 | 7.20 | 31.53 |
| 2 | 2744.00 | 27.49 AV | 54.00 | -26.51 | 1.24 H | 38 | -4.04 | 31.53 |
| 3 | 3658.00 | 40.20 PK | 74.00 | -33.80 | 1.13 H | 142 | 6.81 | 33.39 |
| 4 | 3658.00 | 28.13 AV | 54.00 | -25.87 | 1.13 H | 142 | -5.26 | 33.39 |
| 5 | 4573.00 | 40.34 PK | 74.00 | -33.66 | 1.05 H | 123 | 4.22 | 36.12 |
| 6 | 4573.00 | 29.64 AV | 54.00 | -24.36 | 1.05 H | 123 | -6.48 | 36.12 |
| 7 | 5487.60 | 42.69 PK | 74.00 | -31.31 | 1.60 H | 114 | 5.43 | 37.26 |
| 8 | 5487.60 | 30.43 AV | 54.00 | -23.57 | 1.60 H | 114 | -6.83 | 37.26 |
| 9 | 7316.80 | 49.03 PK | 74.00 | -24.97 | 1.41 H | 124 | 5.90 | 43.13 |
| 10 | 7316.80 | 37.30 AV | 54.00 | -16.70 | 1.41 H | 124 | -5.83 | 43.13 |
| 11 | 8231.40 | 50.60 PK | 74.00 | -23.40 | 1.23 H | 324 | 6.51 | 44.09 |
| 12 | 8231.40 | 38.29 AV | 54.00 | -15.71 | 1.23 H | 324 | -5.80 | 44.09 |
| 13 | 9146.00 | 50.93 PK | 74.00 | -23.07 | 1.07 H | 39 | 6.08 | 44.85 |
| 14 | 9146.00 | 38.66 AV | 54.00 | -15.34 | 1.07 H | 39 | -6.19 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.63 PK | 74.00 | -35.37 | 1.30 V | 243 | 7.10 | 31.53 |
| 2 | 2744.00 | 27.78 AV | 54.00 | -26.22 | 1.30 V | 243 | -3.75 | 31.53 |
| 3 | 3658.00 | 39.54 PK | 74.00 | -34.46 | 1.13 V | 121 | 6.15 | 33.39 |
| 4 | 3658.00 | 28.49 AV | 54.00 | -25.51 | 1.13 V | 121 | -4.90 | 33.39 |
| 5 | 4573.00 | 40.13 PK | 74.00 | -33.87 | 1.20 V | 109 | 4.01 | 36.12 |
| 6 | 4573.00 | 29.63 AV | 54.00 | -24.37 | 1.20 V | 109 | -6.49 | 36.12 |
| 7 | 5487.60 | 42.26 PK | 74.00 | -31.74 | 1.07 V | 123 | 5.00 | 37.26 |
| 8 | 5487.60 | 30.73 AV | 54.00 | -23.27 | 1.07 V | 123 | -6.53 | 37.26 |
| 9 | 7316.80 | 48.30 PK | 74.00 | -25.70 | 1.15 V | 141 | 5.17 | 43.13 |
| 10 | 7316.80 | 37.83 AV | 54.00 | -16.17 | 1.15 V | 141 | -5.30 | 43.13 |
| 11 | 8231.40 | 51.20 PK | 74.00 | -22.80 | 1.04 V | 107 | 7.11 | 44.09 |
| 12 | 8231.40 | 38.24 AV | 54.00 | -15.76 | 1.04 V | 107 | -5.85 | 44.09 |
| 13 | 9146.00 | 51.23 PK | 74.00 | -22.77 | 1.23 V | 130 | 6.38 | 44.85 |
| 14 | 9146.00 | 38.31 AV | 54.00 | -15.69 | 1.23 V | 130 | -6.54 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.54 PK | 74.00 | -35.46 | 1.37 H | 123 | 6.88 | 31.66 |
| 2 | 2782.00 | 27.74 AV | 54.00 | -26.26 | 1.37 H | 123 | -3.92 | 31.66 |
| 3 | 3709.60 | 38.81 PK | 74.00 | -35.19 | 1.24 H | 72 | 5.27 | 33.54 |
| 4 | 3709.60 | 28.35 AV | 54.00 | -25.65 | 1.24 H | 72 | -5.19 | 33.54 |
| 5 | 4637.00 | 40.33 PK | 74.00 | -33.67 | 1.06 H | 161 | 4.04 | 36.29 |
| 6 | 4637.00 | 29.53 AV | 54.00 | -24.47 | 1.06 H | 161 | -6.76 | 36.29 |
| 7 | 5564.40 | 41.52 PK | 74.00 | -32.48 | 1.41 H | 74 | 4.08 | 37.44 |
| 8 | 5564.40 | 30.31 AV | 54.00 | -23.69 | 1.41 H | 74 | -7.13 | 37.44 |
| 9 | 7419.20 | 48.60 PK | 74.00 | -25.40 | 1.11 H | 145 | 5.47 | 43.13 |
| 10 | 7419.20 | 37.39 AV | 54.00 | -16.61 | 1.11 H | 145 | -5.74 | 43.13 |
| 11 | 8346.60 | 51.30 PK | 74.00 | -22.70 | 1.24 H | 103 | 7.20 | 44.10 |
| 12 | 8346.60 | 38.63 AV | 54.00 | -15.37 | 1.24 H | 103 | -5.47 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.72 PK | 74.00 | -35.28 | 1.09 V | 41 | 7.06 | 31.66 |
| 2 | 2782.00 | 27.93 AV | 54.00 | -26.07 | 1.09 V | 41 | -3.73 | 31.66 |
| 3 | 3709.60 | 39.43 PK | 74.00 | -34.57 | 1.00 V | 131 | 5.89 | 33.54 |
| 4 | 3709.60 | 28.54 AV | 54.00 | -25.46 | 1.00 V | 131 | -5.00 | 33.54 |
| 5 | 4637.00 | 40.47 PK | 74.00 | -33.53 | 1.24 V | 241 | 4.18 | 36.29 |
| 6 | 4637.00 | 29.47 AV | 54.00 | -24.53 | 1.24 V | 241 | -6.82 | 36.29 |
| 7 | 5564.40 | 42.31 PK | 74.00 | -31.69 | 1.00 V | 243 | 4.87 | 37.44 |
| 8 | 5564.40 | 30.93 AV | 54.00 | -23.07 | 1.00 V | 243 | -6.51 | 37.44 |
| 9 | 7419.20 | 48.30 PK | 74.00 | -25.70 | 1.30 V | 68 | 5.17 | 43.13 |
| 10 | 7419.20 | 38.20 AV | 54.00 | -15.80 | 1.30 V | 68 | -4.93 | 43.13 |
| 11 | 8346.60 | 50.37 PK | 74.00 | -23.63 | 1.00 V | 74 | 6.27 | 44.10 |
| 12 | 8346.60 | 38.50 AV | 54.00 | -15.50 | 1.00 V | 74 | -5.60 | 44.10 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For DSB-ASK(MRM) – High Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 27.07 QP | 43.50 | -16.43 | 1.55 H | 241 | 15.21 | 11.86 |
| 2 | 300.00 | 29.67 QP | 46.00 | -16.33 | 1.58 H | 99 | 13.66 | 16.01 |
| 3 | 359.77 | 28.72 QP | 46.00 | -17.28 | 1.47 H | 358 | 11.21 | 17.51 |
| 4 | 400.00 | 29.78 QP | 46.00 | -16.22 | 1.41 H | 214 | 11.24 | 18.54 |
| 5 | 600.00 | 35.19 QP | 46.00 | -10.81 | 1.15 H | 206 | 11.32 | 23.87 |
| 6 | 900.00 | 37.51 QP | 46.00 | -8.49 | 1.24 H | 336 | 9.32 | 28.19 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 24.42 QP | 43.50 | -19.08 | 1.32 V | 222 | 12.56 | 11.86 |
| 2 | 300.00 | 32.25 QP | 46.00 | -13.75 | 1.10 V | 247 | 16.24 | 16.01 |
| 3 | 360.00 | 30.73 QP | 46.00 | -15.27 | 1.20 V | 239 | 13.21 | 17.52 |
| 4 | 400.00 | 25.52 QP | 46.00 | -20.48 | 1.46 V | 277 | 6.98 | 18.54 |
| 5 | 600.00 | 31.97 QP | 46.00 | -14.03 | 1.44 V | 274 | 8.10 | 23.87 |
| 6 | 719.96 | 31.52 QP | 46.00 | -14.48 | 1.32 V | 68 | 6.30 | 25.22 |
| 7 | 900.00 | 35.40 QP | 46.00 | -10.60 | 1.21 V | 335 | 7.21 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Eric Lee |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 59.43PK | 106.11 | -46.68 | 1.25 H | 351 | 31.22 | 28.21 |
| | 2 | 902.00 | 46.92AV | 103.61 | -56.69 | 1.25 H | 351 | 18.71 | 28.21 |
| | 3 | *902.75 | 126.11PK | - | - | 1.23 H | 359 | 97.90 | 28.21 |
| | 4 | *902.75 | 123.61AV | - | - | 1.23 H | 359 | 95.40 | 28.21 |
| 24 | 1 | *914.75 | 126.11PK | - | - | 1.30 H | 355 | 97.80 | 28.31 |
| | 2 | *914.75 | 123.61AV | - | - | 1.30 H | 355 | 95.30 | 28.31 |
| 49 | 1 | *927.25 | 125.71PK | - | - | 1.30 H | 356 | 97.30 | 28.41 |
| | 2 | *927.25 | 122.51VA | - | - | 1.30 H | 356 | 94.10 | 28.41 |
| | 3 | 928.00 | 60.31PK | 105.71 | -45.40 | 1.30 H | 2 | 31.90 | 28.41 |
| | 4 | 928.00 | 47.03AV | 102.51 | -55.48 | 1.30 H | 2 | 18.62 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 54.91PK | 100.31 | -45.40 | 1.45 V | 60 | 26.70 | 28.21 |
| | 2 | 902.00 | 41.63AV | 98.91 | -57.28 | 1.45 V | 60 | 13.42 | 28.21 |
| | 3 | *902.75 | 120.31PK | - | - | 1.44 V | 59 | 92.10 | 28.21 |
| | 4 | *902.75 | 118.91AV | - | - | 1.44 V | 59 | 90.70 | 28.21 |
| 24 | 1 | *914.75 | 120.41PK | - | - | 1.40 V | 66 | 92.10 | 28.31 |
| | 2 | *914.75 | 118.51AV | - | - | 1.40 V | 66 | 90.20 | 28.31 |
| 49 | 1 | *927.25 | 120.28PK | - | - | 1.38 V | 50 | 91.87 | 28.41 |
| | 2 | *927.25 | 118.91AV | - | - | 1.38 V | 50 | 90.50 | 28.41 |
| | 3 | 928.00 | 55.31PK | 100.28 | -44.97 | 1.38 V | 61 | 26.90 | 28.41 |
| | 4 | 928.00 | 42.08AV | 98.91 | -56.83 | 1.38 V | 61 | 13.67 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 49.02 PK | 74.00 | -24.98 | 1.43 H | 297 | 17.61 | 31.41 |
| 2 | 2708.00 | 40.26 AV | 54.00 | -13.74 | 1.43 H | 297 | 8.85 | 31.41 |
| 3 | 3610.00 | 43.34 PK | 74.00 | -30.66 | 1.40 H | 134 | 10.10 | 33.24 |
| 4 | 3610.00 | 34.77 AV | 54.00 | -19.23 | 1.40 H | 134 | 1.53 | 33.24 |
| 5 | 4513.00 | 41.11 PK | 74.00 | -32.89 | 1.09 H | 331 | 5.16 | 35.95 |
| 6 | 4513.00 | 32.07 AV | 54.00 | -21.93 | 1.09 H | 331 | -3.88 | 35.95 |
| 7 | 5415.50 | 43.78 PK | 74.00 | -30.22 | 1.35 H | 25 | 6.52 | 37.26 |
| 8 | 5415.50 | 31.89 AV | 54.00 | -22.11 | 1.35 H | 25 | -5.37 | 37.26 |
| 9 | 8123.40 | 51.90 PK | 74.00 | -22.10 | 1.30 H | 281 | 7.82 | 44.08 |
| 10 | 8123.40 | 40.20 AV | 54.00 | -13.80 | 1.30 H | 281 | -3.88 | 44.08 |
| 11 | 9026.00 | 50.99 PK | 74.00 | -23.01 | 1.17 H | 133 | 6.46 | 44.53 |
| 12 | 9026.00 | 39.06 AV | 54.00 | -14.94 | 1.17 H | 133 | -5.47 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 44.42 PK | 74.00 | -29.58 | 1.46 V | 3 | 13.01 | 31.41 |
| 2 | 2708.00 | 35.76 AV | 54.00 | -18.24 | 1.46 V | 3 | 4.35 | 31.41 |
| 3 | 3610.00 | 45.69 PK | 74.00 | -28.31 | 1.39 V | 321 | 12.45 | 33.24 |
| 4 | 3610.00 | 36.12 AV | 54.00 | -17.88 | 1.39 V | 321 | 2.88 | 33.24 |
| 5 | 4513.00 | 42.18 PK | 74.00 | -31.82 | 1.09 V | 128 | 6.23 | 35.95 |
| 6 | 4513.00 | 32.60 AV | 54.00 | -21.40 | 1.09 V | 128 | -3.35 | 35.95 |
| 7 | 5415.50 | 44.30 PK | 74.00 | -29.70 | 1.21 V | 304 | 7.04 | 37.26 |
| 8 | 5415.50 | 32.10 AV | 54.00 | -21.90 | 1.21 V | 304 | -5.16 | 37.26 |
| 9 | 8123.40 | 51.79 PK | 74.00 | -22.21 | 1.30 V | 2 | 7.71 | 44.08 |
| 10 | 8123.40 | 41.80 AV | 54.00 | -12.20 | 1.30 V | 2 | -2.28 | 44.08 |
| 11 | 9026.00 | 51.30 PK | 74.00 | -22.70 | 1.07 V | 181 | 6.77 | 44.53 |
| 12 | 9026.00 | 39.26 AV | 54.00 | -14.74 | 1.07 V | 181 | -5.27 | 44.53 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 46.27 PK | 74.00 | -27.73 | 1.49 H | 321 | 14.74 | 31.53 |
| 2 | 2744.00 | 38.11 AV | 54.00 | -15.89 | 1.49 H | 321 | 6.58 | 31.53 |
| 3 | 3658.00 | 44.17 PK | 74.00 | -29.83 | 1.27 H | 309 | 10.78 | 33.39 |
| 4 | 3658.00 | 34.30 AV | 54.00 | -19.70 | 1.27 H | 309 | 0.91 | 33.39 |
| 5 | 4573.00 | 41.68 PK | 74.00 | -32.32 | 1.09 H | 241 | 5.56 | 36.12 |
| 6 | 4573.00 | 32.40 AV | 54.00 | -21.60 | 1.09 H | 241 | -3.72 | 36.12 |
| 7 | 5487.60 | 43.42 PK | 74.00 | -30.58 | 1.07 H | 233 | 6.16 | 37.26 |
| 8 | 5487.60 | 31.11 AV | 54.00 | -22.89 | 1.07 H | 233 | -6.15 | 37.26 |
| 9 | 7316.80 | 47.65 PK | 74.00 | -26.35 | 1.52 H | 167 | 4.52 | 43.13 |
| 10 | 7316.80 | 38.80 AV | 54.00 | -15.20 | 1.52 H | 167 | -4.33 | 43.13 |
| 11 | 8231.40 | 53.07 PK | 74.00 | -20.93 | 1.20 H | 38 | 8.98 | 44.09 |
| 12 | 8231.40 | 42.95 AV | 54.00 | -11.05 | 1.20 H | 38 | -1.14 | 44.09 |
| 13 | 9146.00 | 50.32 PK | 74.00 | -23.68 | 1.41 H | 20 | 5.47 | 44.85 |
| 14 | 9146.00 | 39.30 AV | 54.00 | -14.70 | 1.41 H | 20 | -5.55 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 43.02 PK | 74.00 | -30.98 | 1.00 V | 218 | 11.49 | 31.53 |
| 2 | 2744.00 | 33.48 AV | 54.00 | -20.52 | 1.00 V | 218 | 1.95 | 31.53 |
| 3 | 3658.00 | 44.03 PK | 74.00 | -29.97 | 1.03 V | 27 | 10.64 | 33.39 |
| 4 | 3658.00 | 34.49 AV | 54.00 | -19.51 | 1.03 V | 27 | 1.10 | 33.39 |
| 5 | 4573.00 | 41.90 PK | 74.00 | -32.10 | 1.07 V | 228 | 5.78 | 36.12 |
| 6 | 4573.00 | 32.30 AV | 54.00 | -21.70 | 1.07 V | 228 | -3.82 | 36.12 |
| 7 | 5487.60 | 44.60 PK | 74.00 | -29.40 | 1.24 V | 182 | 7.34 | 37.26 |
| 8 | 5487.60 | 33.01 AV | 54.00 | -20.99 | 1.24 V | 182 | -4.25 | 37.26 |
| 9 | 7316.80 | 53.44 PK | 74.00 | -20.56 | 1.02 V | 0 | 10.31 | 43.13 |
| 10 | 7316.80 | 44.17 AV | 54.00 | -9.83 | 1.02 V | 0 | 1.04 | 43.13 |
| 11 | 8231.40 | 52.57 PK | 74.00 | -21.43 | 1.03 V | 0 | 8.48 | 44.09 |
| 12 | 8231.40 | 43.71 AV | 54.00 | -10.29 | 1.03 V | 0 | -0.38 | 44.09 |
| 13 | 9146.00 | 50.68 PK | 74.00 | -23.32 | 1.20 V | 34 | 5.83 | 44.85 |
| 14 | 9146.00 | 40.10 AV | 54.00 | -13.90 | 1.20 V | 34 | -4.75 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 43.64 PK | 74.00 | -30.36 | 1.09 H | 265 | 11.98 | 31.66 |
| 2 | 2782.00 | 34.26 AV | 54.00 | -19.74 | 1.09 H | 265 | 2.60 | 31.66 |
| 3 | 3709.60 | 39.68 PK | 74.00 | -34.32 | 1.03 H | 326 | 6.14 | 33.54 |
| 4 | 3709.60 | 30.96 AV | 54.00 | -23.04 | 1.03 H | 326 | -2.58 | 33.54 |
| 5 | 4637.00 | 40.17 PK | 74.00 | -33.83 | 1.00 H | 317 | 3.88 | 36.29 |
| 6 | 4637.00 | 30.17 AV | 54.00 | -23.83 | 1.00 H | 317 | -6.12 | 36.29 |
| 7 | 5564.40 | 42.83 PK | 74.00 | -31.17 | 1.24 H | 253 | 5.39 | 37.44 |
| 8 | 5564.40 | 31.30 AV | 54.00 | -22.70 | 1.24 H | 253 | -6.14 | 37.44 |
| 9 | 7419.20 | 48.71 PK | 74.00 | -25.29 | 1.29 H | 288 | 5.58 | 43.13 |
| 10 | 7419.20 | 37.84 AV | 54.00 | -16.16 | 1.29 H | 288 | -5.29 | 43.13 |
| 11 | 8346.60 | 48.85 PK | 74.00 | -25.15 | 1.33 H | 107 | 4.75 | 44.10 |
| 12 | 8346.60 | 38.20 AV | 54.00 | -15.80 | 1.33 H | 107 | -5.90 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 41.17 PK | 74.00 | -32.83 | 1.23 V | 111 | 9.51 | 31.66 |
| 2 | 2782.00 | 31.05 AV | 54.00 | -22.95 | 1.23 V | 111 | -0.61 | 31.66 |
| 3 | 3709.60 | 42.10 PK | 74.00 | -31.90 | 1.20 V | 68 | 8.56 | 33.54 |
| 4 | 3709.60 | 30.69 AV | 54.00 | -23.31 | 1.20 V | 68 | -2.85 | 33.54 |
| 5 | 4637.00 | 43.08 PK | 74.00 | -30.92 | 1.04 V | 107 | 6.79 | 36.29 |
| 6 | 4637.00 | 31.01 AV | 54.00 | -22.99 | 1.04 V | 107 | -5.28 | 36.29 |
| 7 | 5564.40 | 43.31 PK | 74.00 | -30.69 | 1.00 V | 109 | 5.87 | 37.44 |
| 8 | 5564.40 | 33.24 AV | 54.00 | -20.76 | 1.00 V | 109 | -4.20 | 37.44 |
| 9 | 7419.20 | 48.20 PK | 74.00 | -25.80 | 1.21 V | 211 | 5.07 | 43.13 |
| 10 | 7419.20 | 38.04 AV | 54.00 | -15.96 | 1.21 V | 211 | -5.09 | 43.13 |
| 11 | 8346.60 | 49.30 PK | 74.00 | -24.70 | 1.33 V | 333 | 5.20 | 44.10 |
| 12 | 8346.60 | 37.81 AV | 54.00 | -16.19 | 1.33 V | 333 | -6.29 | 44.10 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For DSB-ASK(MRM) – Low Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 26.83 QP | 43.50 | -16.67 | 1.50 H | 214 | 14.97 | 11.86 |
| 2 | 300.00 | 29.25 QP | 46.00 | -16.75 | 1.58 H | 157 | 13.24 | 16.01 |
| 3 | 359.77 | 27.85 QP | 46.00 | -18.15 | 1.62 H | 345 | 10.34 | 17.51 |
| 4 | 400.00 | 30.08 QP | 46.00 | -15.92 | 1.47 H | 199 | 11.54 | 18.54 |
| 5 | 600.00 | 34.91 QP | 46.00 | -11.09 | 1.54 H | 241 | 11.04 | 23.87 |
| 6 | 900.00 | 37.63 QP | 46.00 | -8.37 | 1.44 H | 360 | 9.44 | 28.19 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 24.52 QP | 43.50 | -18.98 | 1.30 V | 241 | 12.66 | 11.86 |
| 2 | 300.00 | 32.31 QP | 46.00 | -13.69 | 1.08 V | 244 | 16.30 | 16.01 |
| 3 | 360.00 | 30.66 QP | 46.00 | -15.34 | 1.18 V | 231 | 13.14 | 17.52 |
| 4 | 400.00 | 24.86 QP | 46.00 | -21.14 | 1.46 V | 111 | 6.32 | 18.54 |
| 5 | 600.00 | 31.76 QP | 46.00 | -14.24 | 1.42 V | 274 | 7.89 | 23.87 |
| 6 | 719.96 | 31.56 QP | 46.00 | -14.44 | 1.33 V | 69 | 6.34 | 25.22 |
| 7 | 900.00 | 35.30 QP | 46.00 | -10.70 | 1.20 V | 325 | 7.11 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Eric Lee |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 41.75PK | 88.22 | -46.47 | 1.05 H | 2 | 13.54 | 28.21 |
| | 2 | 902.00 | 29.41AV | 86.51 | -57.10 | 1.05 H | 2 | 1.20 | 28.21 |
| | 3 | *902.75 | 108.22PK | - | - | 1.40 H | 3 | 80.01 | 28.21 |
| | 4 | *902.75 | 106.51AV | - | - | 1.40 H | 3 | 78.30 | 28.21 |
| 24 | 1 | *914.75 | 108.71PK | - | - | 1.24 H | 51 | 80.40 | 28.31 |
| | 2 | *914.75 | 106.91AV | - | - | 1.24 H | 51 | 78.60 | 28.31 |
| 49 | 1 | *927.25 | 108.61PK | - | - | 1.25 H | 8 | 80.20 | 28.41 |
| | 2 | *927.25 | 105.71AV | - | - | 1.25 H | 8 | 77.30 | 28.41 |
| | 3 | 928.00 | 43.61PK | 88.61 | -45.00 | 1.45 H | 5 | 15.20 | 28.41 |
| | 4 | 928.00 | 30.71AV | 85.71 | -55.00 | 1.45 H | 5 | 2.30 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 37.61PK | 82.81 | -45.20 | 1.36 V | 1 | 9.40 | 28.21 |
| | 2 | 902.00 | 24.81AV | 80.31 | -55.50 | 1.36 V | 1 | -3.40 | 28.21 |
| | 3 | *902.75 | 102.81PK | - | - | 1.37 V | 56 | 74.60 | 28.21 |
| | 4 | *902.75 | 100.31AV | - | - | 1.37 V | 56 | 72.10 | 28.21 |
| 24 | 1 | *914.75 | 102.71PK | - | - | 1.38 V | 65 | 74.40 | 28.31 |
| | 2 | *914.75 | 100.61AV | - | - | 1.38 V | 65 | 72.30 | 28.31 |
| 49 | 1 | *927.25 | 103.08PK | - | - | 1.20 V | 1 | 74.67 | 28.41 |
| | 2 | *927.25 | 101.61AV | - | - | 1.20 V | 1 | 73.20 | 28.41 |
| | 3 | 928.00 | 38.01PK | 83.08 | -45.07 | 1.39 V | 3 | 9.60 | 28.41 |
| | 4 | 928.00 | 24.41AV | 81.61 | -57.20 | 1.39 V | 3 | -4.00 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.69 PK | 74.00 | -35.31 | 1.68 H | 108 | 7.28 | 31.41 |
| 2 | 2708.00 | 28.10 AV | 54.00 | -25.90 | 1.68 H | 108 | -3.31 | 31.41 |
| 3 | 3610.00 | 39.84 PK | 74.00 | -34.16 | 1.50 H | 241 | 6.60 | 33.24 |
| 4 | 3610.00 | 27.63 AV | 54.00 | -26.37 | 1.50 H | 241 | -5.61 | 33.24 |
| 5 | 4513.00 | 40.68 PK | 74.00 | -33.32 | 1.44 H | 306 | 4.73 | 35.95 |
| 6 | 4513.00 | 29.71 AV | 54.00 | -24.29 | 1.44 H | 306 | -6.24 | 35.95 |
| 7 | 5415.50 | 42.30 PK | 74.00 | -31.70 | 1.43 H | 331 | 5.04 | 37.26 |
| 8 | 5415.50 | 31.40 AV | 54.00 | -22.60 | 1.43 H | 331 | -5.86 | 37.26 |
| 9 | 8123.40 | 48.13 PK | 74.00 | -25.87 | 1.44 H | 42 | 4.05 | 44.08 |
| 10 | 8123.40 | 38.30 AV | 54.00 | -15.70 | 1.44 H | 42 | -5.78 | 44.08 |
| 11 | 9026.00 | 49.60 PK | 74.00 | -24.40 | 1.24 H | 319 | 5.07 | 44.53 |
| 12 | 9026.00 | 38.90 AV | 54.00 | -15.10 | 1.24 H | 319 | -5.63 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.71 PK | 74.00 | -35.29 | 1.31 V | 241 | 7.30 | 31.41 |
| 2 | 2708.00 | 27.73 AV | 54.00 | -26.27 | 1.31 V | 241 | -3.68 | 31.41 |
| 3 | 3610.00 | 39.64 PK | 74.00 | -34.36 | 1.02 V | 203 | 6.40 | 33.24 |
| 4 | 3610.00 | 28.33 AV | 54.00 | -25.67 | 1.02 V | 203 | -4.91 | 33.24 |
| 5 | 4513.00 | 40.73 PK | 74.00 | -33.27 | 1.04 V | 117 | 4.78 | 35.95 |
| 6 | 4513.00 | 29.75 AV | 54.00 | -24.25 | 1.04 V | 117 | -6.20 | 35.95 |
| 7 | 5415.50 | 41.98 PK | 74.00 | -32.02 | 1.21 V | 121 | 4.72 | 37.26 |
| 8 | 5415.50 | 30.63 AV | 54.00 | -23.37 | 1.21 V | 121 | -6.63 | 37.26 |
| 9 | 8123.40 | 50.55 PK | 74.00 | -23.45 | 1.22 V | 304 | 6.47 | 44.08 |
| 10 | 8123.40 | 37.88 AV | 54.00 | -16.12 | 1.22 V | 304 | -6.20 | 44.08 |
| 11 | 9026.00 | 51.73 PK | 74.00 | -22.27 | 1.24 V | 26 | 7.20 | 44.53 |
| 12 | 9026.00 | 38.60 AV | 54.00 | -15.40 | 1.24 V | 26 | -5.93 | 44.53 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.31 PK | 74.00 | -35.69 | 1.31 H | 123 | 6.78 | 31.53 |
| 2 | 2744.00 | 28.31 AV | 54.00 | -25.69 | 1.31 H | 123 | -3.22 | 31.53 |
| 3 | 3658.00 | 40.60 PK | 74.00 | -33.40 | 1.24 H | 321 | 7.21 | 33.39 |
| 4 | 3658.00 | 28.19 AV | 54.00 | -25.81 | 1.24 H | 321 | -5.20 | 33.39 |
| 5 | 4573.00 | 40.87 PK | 74.00 | -33.13 | 1.03 H | 64 | 4.75 | 36.12 |
| 6 | 4573.00 | 29.46 AV | 54.00 | -24.54 | 1.03 H | 64 | -6.66 | 36.12 |
| 7 | 5487.60 | 41.33 PK | 74.00 | -32.67 | 1.21 H | 232 | 4.07 | 37.26 |
| 8 | 5487.60 | 30.38 AV | 54.00 | -23.62 | 1.21 H | 232 | -6.88 | 37.26 |
| 9 | 7316.80 | 48.32 PK | 74.00 | -25.68 | 1.01 H | 263 | 5.19 | 43.13 |
| 10 | 7316.80 | 37.26 AV | 54.00 | -16.74 | 1.01 H | 263 | -5.87 | 43.13 |
| 11 | 8231.40 | 51.26 PK | 74.00 | -22.74 | 1.00 H | 254 | 7.17 | 44.09 |
| 12 | 8231.40 | 38.14 AV | 54.00 | -15.86 | 1.00 H | 254 | -5.95 | 44.09 |
| 13 | 9146.00 | 51.73 PK | 74.00 | -22.27 | 1.00 H | 241 | 6.88 | 44.85 |
| 14 | 9146.00 | 38.53 AV | 54.00 | -15.47 | 1.00 H | 241 | -6.32 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.54 PK | 74.00 | -35.46 | 1.70 V | 246 | 7.01 | 31.53 |
| 2 | 2744.00 | 27.39 AV | 54.00 | -26.61 | 1.70 V | 246 | -4.14 | 31.53 |
| 3 | 3658.00 | 39.42 PK | 74.00 | -34.58 | 1.40 V | 211 | 6.03 | 33.39 |
| 4 | 3658.00 | 28.17 AV | 54.00 | -25.83 | 1.40 V | 211 | -5.22 | 33.39 |
| 5 | 4573.00 | 40.33 PK | 74.00 | -33.67 | 1.30 V | 240 | 4.21 | 36.12 |
| 6 | 4573.00 | 29.35 AV | 54.00 | -24.65 | 1.30 V | 240 | -6.77 | 36.12 |
| 7 | 5487.60 | 42.30 PK | 74.00 | -31.70 | 1.44 V | 313 | 5.04 | 37.26 |
| 8 | 5487.60 | 30.68 AV | 54.00 | -23.32 | 1.44 V | 313 | -6.58 | 37.26 |
| 9 | 7316.80 | 48.71 PK | 74.00 | -25.29 | 1.32 V | 241 | 5.58 | 43.13 |
| 10 | 7316.80 | 38.05 AV | 54.00 | -15.95 | 1.32 V | 241 | -5.08 | 43.13 |
| 11 | 8231.40 | 50.69 PK | 74.00 | -23.31 | 4.00 V | 203 | 6.60 | 44.09 |
| 12 | 8231.40 | 38.43 AV | 54.00 | -15.57 | 4.00 V | 203 | -5.66 | 44.09 |
| 13 | 9146.00 | 51.70 PK | 74.00 | -22.30 | 1.37 V | 179 | 6.85 | 44.85 |
| 14 | 9146.00 | 38.26 AV | 54.00 | -15.74 | 1.37 V | 179 | -6.59 | 44.85 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.54 PK | 74.00 | -35.46 | 1.71 H | 207 | 6.88 | 31.66 |
| 2 | 2782.00 | 27.38 AV | 54.00 | -26.62 | 1.71 H | 207 | -4.28 | 31.66 |
| 3 | 3709.60 | 38.71 PK | 74.00 | -35.29 | 1.43 H | 223 | 5.17 | 33.54 |
| 4 | 3709.60 | 28.56 AV | 54.00 | -25.44 | 1.43 H | 223 | -4.98 | 33.54 |
| 5 | 4637.00 | 40.23 PK | 74.00 | -33.77 | 1.13 H | 241 | 3.94 | 36.29 |
| 6 | 4637.00 | 29.47 AV | 54.00 | -24.53 | 1.13 H | 241 | -6.82 | 36.29 |
| 7 | 5564.40 | 41.40 PK | 74.00 | -32.60 | 1.25 H | 256 | 3.96 | 37.44 |
| 8 | 5564.40 | 30.36 AV | 54.00 | -23.64 | 1.25 H | 256 | -7.08 | 37.44 |
| 9 | 7419.20 | 48.20 PK | 74.00 | -25.80 | 1.08 H | 121 | 5.07 | 43.13 |
| 10 | 7419.20 | 37.43 AV | 54.00 | -16.57 | 1.08 H | 121 | -5.70 | 43.13 |
| 11 | 8346.60 | 50.60 PK | 74.00 | -23.40 | 1.17 H | 133 | 6.50 | 44.10 |
| 12 | 8346.60 | 38.64 AV | 54.00 | -15.36 | 1.17 H | 133 | -5.46 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.32 PK | 74.00 | -35.68 | 1.03 V | 38 | 6.66 | 31.66 |
| 2 | 2782.00 | 27.69 AV | 54.00 | -26.31 | 1.03 V | 38 | -3.97 | 31.66 |
| 3 | 3709.60 | 39.78 PK | 74.00 | -34.22 | 1.20 V | 264 | 6.24 | 33.54 |
| 4 | 3709.60 | 28.71 AV | 54.00 | -25.29 | 1.20 V | 264 | -4.83 | 33.54 |
| 5 | 4637.00 | 40.53 PK | 74.00 | -33.47 | 1.15 V | 114 | 4.24 | 36.29 |
| 6 | 4637.00 | 29.41 AV | 54.00 | -24.59 | 1.15 V | 114 | -6.88 | 36.29 |
| 7 | 5564.40 | 42.30 PK | 74.00 | -31.70 | 1.43 V | 134 | 4.86 | 37.44 |
| 8 | 5564.40 | 30.70 AV | 54.00 | -23.30 | 1.43 V | 134 | -6.74 | 37.44 |
| 9 | 7419.20 | 48.50 PK | 74.00 | -25.50 | 1.23 V | 269 | 5.37 | 43.13 |
| 10 | 7419.20 | 38.20 AV | 54.00 | -15.80 | 1.23 V | 269 | -4.93 | 43.13 |
| 11 | 8346.60 | 50.49 PK | 74.00 | -23.51 | 1.09 V | 243 | 6.39 | 44.10 |
| 12 | 8346.60 | 38.80 AV | 54.00 | -15.20 | 1.09 V | 243 | -5.30 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(DRM) – High Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 27.04 QP | 43.50 | -16.46 | 1.50 H | 223 | 15.18 | 11.86 |
| 2 | 300.00 | 29.26 QP | 46.00 | -16.74 | 1.52 H | 109 | 13.25 | 16.01 |
| 3 | 359.77 | 28.83 QP | 46.00 | -17.17 | 1.40 H | 296 | 11.32 | 17.51 |
| 4 | 400.00 | 29.88 QP | 46.00 | -16.12 | 1.32 H | 139 | 11.34 | 18.54 |
| 5 | 600.00 | 34.99 QP | 46.00 | -11.01 | 1.23 H | 201 | 11.12 | 23.87 |
| 6 | 900.00 | 37.41 QP | 46.00 | -8.59 | 1.20 H | 331 | 9.22 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 24.66 QP | 43.50 | -18.84 | 1.34 V | 241 | 12.80 | 11.86 |
| 2 | 300.00 | 32.88 QP | 46.00 | -13.12 | 1.10 V | 248 | 16.87 | 16.01 |
| 3 | 360.00 | 30.48 QP | 46.00 | -15.52 | 1.22 V | 229 | 12.96 | 17.52 |
| 4 | 400.00 | 26.19 QP | 46.00 | -19.81 | 1.55 V | 273 | 7.65 | 18.54 |
| 5 | 600.00 | 31.95 QP | 46.00 | -14.05 | 1.44 V | 279 | 8.08 | 23.87 |
| 6 | 719.96 | 31.55 QP | 46.00 | -14.45 | 1.37 V | 93 | 6.33 | 25.22 |
| 7 | 900.00 | 34.52 QP | 46.00 | -11.48 | 1.21 V | 326 | 6.33 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Eric Lee |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 61.61PK | 105.01 | -43.40 | 1.43 H | 62 | 33.40 | 28.21 |
| | 2 | 902.00 | 48.11AV | 100.41 | -52.30 | 1.43 H | 62 | 19.90 | 28.21 |
| | 3 | *902.75 | 125.01PK | - | - | 1.40 H | 22 | 96.80 | 28.21 |
| | 4 | *902.75 | 120.41AV | - | - | 1.40 H | 22 | 92.20 | 28.21 |
| 24 | 1 | *914.75 | 124.55PK | - | - | 1.50 H | 35 | 96.24 | 28.31 |
| | 2 | *914.75 | 120.41AV | - | - | 1.50 H | 35 | 92.10 | 28.31 |
| 49 | 1 | *927.25 | 124.31PK | - | - | 1.39 H | 65 | 95.90 | 28.41 |
| | 2 | *927.25 | 120.61AV | - | - | 1.39 H | 65 | 92.20 | 28.41 |
| | 3 | 928.00 | 62.11PK | 104.31 | -42.20 | 1.38 H | 54 | 33.70 | 28.41 |
| | 4 | 928.00 | 48.71AV | 100.61 | -51.90 | 1.38 H | 54 | 20.30 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 57.71PK | 100.11 | -42.40 | 1.26 V | 40 | 29.50 | 28.21 |
| | 2 | 902.00 | 44.11AV | 96.31 | -52.20 | 1.26 V | 40 | 15.90 | 28.21 |
| | 3 | *902.75 | 120.11PK | - | - | 1.25 V | 25 | 91.90 | 28.21 |
| | 4 | *902.75 | 116.31AV | - | - | 1.25 V | 25 | 88.10 | 28.21 |
| 24 | 1 | *914.75 | 119.41PK | - | - | 1.45 V | 26 | 91.10 | 28.31 |
| | 2 | *914.75 | 116.31AV | - | - | 1.45 V | 26 | 88.00 | 28.31 |
| 49 | 1 | *927.25 | 119.64PK | - | - | 1.30 V | 50 | 91.23 | 28.41 |
| | 2 | *927.25 | 115.52AV | - | - | 1.30 V | 50 | 87.11 | 28.41 |
| | 3 | 928.00 | 55.61PK | 99.64 | -44.03 | 1.30 V | 54 | 27.20 | 28.41 |
| | 4 | 928.00 | 42.42AV | 95.52 | -53.10 | 1.30 V | 54 | 14.01 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.71 PK | 74.00 | -35.29 | 1.32 H | 38 | 7.30 | 31.41 |
| 2 | 2708.00 | 28.06 AV | 54.00 | -25.94 | 1.32 H | 38 | -3.35 | 31.41 |
| 3 | 3610.00 | 39.74 PK | 74.00 | -34.26 | 1.25 H | 128 | 6.50 | 33.24 |
| 4 | 3610.00 | 27.58 AV | 54.00 | -26.42 | 1.25 H | 128 | -5.66 | 33.24 |
| 5 | 4513.00 | 40.96 PK | 74.00 | -33.04 | 1.11 H | 129 | 5.01 | 35.95 |
| 6 | 4513.00 | 29.75 AV | 54.00 | -24.25 | 1.11 H | 129 | -6.20 | 35.95 |
| 7 | 5415.50 | 42.10 PK | 74.00 | -31.90 | 1.13 H | 130 | 4.84 | 37.26 |
| 8 | 5415.50 | 31.43 AV | 54.00 | -22.57 | 1.13 H | 130 | -5.83 | 37.26 |
| 9 | 8123.40 | 48.17 PK | 74.00 | -25.83 | 1.00 H | 141 | 4.09 | 44.08 |
| 10 | 8123.40 | 38.25 AV | 54.00 | -15.75 | 1.00 H | 141 | -5.83 | 44.08 |
| 11 | 9026.00 | 49.50 PK | 74.00 | -24.50 | 1.01 H | 215 | 4.97 | 44.53 |
| 12 | 9026.00 | 38.73 AV | 54.00 | -15.27 | 1.01 H | 215 | -5.80 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.93 PK | 74.00 | -35.07 | 1.07 V | 281 | 7.52 | 31.41 |
| 2 | 2708.00 | 27.90 AV | 54.00 | -26.10 | 1.07 V | 281 | -3.51 | 31.41 |
| 3 | 3610.00 | 39.55 PK | 74.00 | -34.45 | 1.09 V | 124 | 6.31 | 33.24 |
| 4 | 3610.00 | 28.40 AV | 54.00 | -25.60 | 1.09 V | 124 | -4.84 | 33.24 |
| 5 | 4513.00 | 40.42 PK | 74.00 | -33.58 | 1.05 V | 207 | 4.47 | 35.95 |
| 6 | 4513.00 | 29.81 AV | 54.00 | -24.19 | 1.05 V | 207 | -6.14 | 35.95 |
| 7 | 5415.50 | 42.16 PK | 74.00 | -31.84 | 1.00 V | 211 | 4.90 | 37.26 |
| 8 | 5415.50 | 30.59 AV | 54.00 | -23.41 | 1.00 V | 211 | -6.67 | 37.26 |
| 9 | 8123.40 | 50.53 PK | 74.00 | -23.47 | 1.00 V | 131 | 6.45 | 44.08 |
| 10 | 8123.40 | 37.85 AV | 54.00 | -16.15 | 1.00 V | 131 | -6.23 | 44.08 |
| 11 | 9026.00 | 50.81 PK | 74.00 | -23.19 | 1.00 V | 69 | 6.28 | 44.53 |
| 12 | 9026.00 | 38.40 AV | 54.00 | -15.60 | 1.00 V | 69 | -6.13 | 44.53 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.89 PK | 74.00 | -35.11 | 1.24 H | 33 | 7.36 | 31.53 |
| 2 | 2744.00 | 28.11 AV | 54.00 | -25.89 | 1.24 H | 33 | -3.42 | 31.53 |
| 3 | 3658.00 | 40.14 PK | 74.00 | -33.86 | 1.07 H | 241 | 6.75 | 33.39 |
| 4 | 3658.00 | 27.84 AV | 54.00 | -26.16 | 1.07 H | 241 | -5.55 | 33.39 |
| 5 | 4573.00 | 40.93 PK | 74.00 | -33.07 | 1.00 H | 306 | 4.81 | 36.12 |
| 6 | 4573.00 | 29.70 AV | 54.00 | -24.30 | 1.00 H | 306 | -6.42 | 36.12 |
| 7 | 5487.60 | 41.97 PK | 74.00 | -32.03 | 1.00 H | 241 | 4.71 | 37.26 |
| 8 | 5487.60 | 30.34 AV | 54.00 | -23.66 | 1.00 H | 241 | -6.92 | 37.26 |
| 9 | 7316.80 | 48.11 PK | 74.00 | -25.89 | 1.27 H | 145 | 4.98 | 43.13 |
| 10 | 7316.80 | 37.24 AV | 54.00 | -16.76 | 1.27 H | 145 | -5.89 | 43.13 |
| 11 | 8231.40 | 51.30 PK | 74.00 | -22.70 | 1.21 H | 161 | 7.21 | 44.09 |
| 12 | 8231.40 | 38.23 AV | 54.00 | -15.77 | 1.21 H | 161 | -5.86 | 44.09 |
| 13 | 9146.00 | 50.84 PK | 74.00 | -23.16 | 1.24 H | 130 | 5.99 | 44.85 |
| 14 | 9146.00 | 38.67 AV | 54.00 | -15.33 | 1.24 H | 130 | -6.18 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.74 PK | 74.00 | -35.26 | 1.20 V | 183 | 7.21 | 31.53 |
| 2 | 2744.00 | 27.88 AV | 54.00 | -26.12 | 1.20 V | 183 | -3.65 | 31.53 |
| 3 | 3658.00 | 39.63 PK | 74.00 | -34.37 | 1.23 V | 296 | 6.24 | 33.39 |
| 4 | 3658.00 | 28.51 AV | 54.00 | -25.49 | 1.23 V | 296 | -4.88 | 33.39 |
| 5 | 4573.00 | 40.81 PK | 74.00 | -33.19 | 1.20 V | 38 | 4.69 | 36.12 |
| 6 | 4573.00 | 29.90 AV | 54.00 | -24.10 | 1.20 V | 38 | -6.22 | 36.12 |
| 7 | 5487.60 | 42.37 PK | 74.00 | -31.63 | 1.00 V | 44 | 5.11 | 37.26 |
| 8 | 5487.60 | 30.78 AV | 54.00 | -23.22 | 1.00 V | 44 | -6.48 | 37.26 |
| 9 | 7316.80 | 48.96 PK | 74.00 | -25.04 | 1.00 V | 276 | 5.83 | 43.13 |
| 10 | 7316.80 | 37.96 AV | 54.00 | -16.04 | 1.00 V | 276 | -5.17 | 43.13 |
| 11 | 8231.40 | 51.09 PK | 74.00 | -22.91 | 1.00 V | 305 | 7.00 | 44.09 |
| 12 | 8231.40 | 38.50 AV | 54.00 | -15.50 | 1.00 V | 305 | -5.59 | 44.09 |
| 13 | 9146.00 | 51.30 PK | 74.00 | -22.70 | 1.21 V | 24 | 6.45 | 44.85 |
| 14 | 9146.00 | 38.34 AV | 54.00 | -15.66 | 1.21 V | 24 | -6.51 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.76 PK | 74.00 | -35.24 | 1.04 H | 128 | 7.10 | 31.66 |
| 2 | 2782.00 | 27.72 AV | 54.00 | -26.28 | 1.04 H | 128 | -3.94 | 31.66 |
| 3 | 3709.60 | 38.93 PK | 74.00 | -35.07 | 1.11 H | 123 | 5.39 | 33.54 |
| 4 | 3709.60 | 28.60 AV | 54.00 | -25.40 | 1.11 H | 123 | -4.94 | 33.54 |
| 5 | 4637.00 | 40.24 PK | 74.00 | -33.76 | 1.24 H | 64 | 3.95 | 36.29 |
| 6 | 4637.00 | 29.64 AV | 54.00 | -24.36 | 1.24 H | 64 | -6.65 | 36.29 |
| 7 | 5564.40 | 41.37 PK | 74.00 | -32.63 | 1.03 H | 107 | 3.93 | 37.44 |
| 8 | 5564.40 | 30.23 AV | 54.00 | -23.77 | 1.03 H | 107 | -7.21 | 37.44 |
| 9 | 7419.20 | 48.30 PK | 74.00 | -25.70 | 1.33 H | 131 | 5.17 | 43.13 |
| 10 | 7419.20 | 37.34 AV | 54.00 | -16.66 | 1.33 H | 131 | -5.79 | 43.13 |
| 11 | 8346.60 | 51.24 PK | 74.00 | -22.76 | 1.45 H | 113 | 7.14 | 44.10 |
| 12 | 8346.60 | 38.36 AV | 54.00 | -15.64 | 1.45 H | 113 | -5.74 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.81 PK | 74.00 | -35.19 | 1.03 V | 136 | 7.15 | 31.66 |
| 2 | 2782.00 | 27.83 AV | 54.00 | -26.17 | 1.03 V | 136 | -3.83 | 31.66 |
| 3 | 3709.60 | 39.71 PK | 74.00 | -34.29 | 1.08 V | 107 | 6.17 | 33.54 |
| 4 | 3709.60 | 28.63 AV | 54.00 | -25.37 | 1.08 V | 107 | -4.91 | 33.54 |
| 5 | 4637.00 | 40.63 PK | 74.00 | -33.37 | 1.41 V | 280 | 4.34 | 36.29 |
| 6 | 4637.00 | 29.93 AV | 54.00 | -24.07 | 1.41 V | 280 | -6.36 | 36.29 |
| 7 | 5564.40 | 42.11 PK | 74.00 | -31.89 | 1.23 V | 317 | 4.67 | 37.44 |
| 8 | 5564.40 | 30.81 AV | 54.00 | -23.19 | 1.23 V | 317 | -6.63 | 37.44 |
| 9 | 7419.20 | 48.70 PK | 74.00 | -25.30 | 1.05 V | 249 | 5.57 | 43.13 |
| 10 | 7419.20 | 38.01 AV | 54.00 | -15.99 | 1.05 V | 249 | -5.12 | 43.13 |
| 11 | 8346.60 | 50.88 PK | 74.00 | -23.12 | 1.31 V | 33 | 6.78 | 44.10 |
| 12 | 8346.60 | 38.60 AV | 54.00 | -15.40 | 1.31 V | 33 | -5.50 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(DRM) – Low Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 29deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 26.54 QP | 43.50 | -16.96 | 1.27 H | 278 | 14.68 | 11.86 |
| 2 | 300.00 | 28.70 QP | 46.00 | -17.30 | 1.85 H | 143 | 12.69 | 16.01 |
| 3 | 359.77 | 28.87 QP | 46.00 | -17.13 | 1.57 H | 38 | 11.36 | 17.51 |
| 4 | 400.00 | 30.21 QP | 46.00 | -15.79 | 1.24 H | 360 | 11.67 | 18.54 |
| 5 | 600.00 | 35.76 QP | 46.00 | -10.24 | 1.23 H | 222 | 11.89 | 23.87 |
| 6 | 900.00 | 37.24 QP | 46.00 | -8.76 | 1.21 H | 305 | 9.05 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 24.88 QP | 43.50 | -18.62 | 1.45 V | 124 | 13.02 | 11.86 |
| 2 | 300.00 | 32.04 QP | 46.00 | -13.96 | 1.14 V | 47 | 16.03 | 16.01 |
| 3 | 360.00 | 30.84 QP | 46.00 | -15.16 | 1.36 V | 298 | 13.32 | 17.52 |
| 4 | 400.00 | 27.42 QP | 46.00 | -18.58 | 1.54 V | 274 | 8.88 | 18.54 |
| 5 | 600.00 | 32.08 QP | 46.00 | -13.92 | 1.43 V | 247 | 8.21 | 23.87 |
| 6 | 719.96 | 31.43 QP | 46.00 | -14.57 | 1.54 V | 85 | 6.21 | 25.22 |
| 7 | 900.00 | 34.21 QP | 46.00 | -11.79 | 1.00 V | 44 | 6.02 | 28.19 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 24, 49 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 50%RH, 1015 hPa | **TESTED BY** | Eric Lee |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 59.31PK | 102.41 | -43.10 | 1.22 H | 50 | 31.10 | 28.21 |
| | 2 | 902.00 | 45.51AV | 98.21 | -52.70 | 1.22 H | 50 | 17.30 | 28.21 |
| | 3 | *902.75 | 122.41PK | - | - | 1.33 H | 60 | 94.20 | 28.21 |
| | 4 | *902.75 | 118.21AV | - | - | 1.33 H | 60 | 90.00 | 28.21 |
| 24 | 1 | *914.75 | 121.81PK | - | - | 1.47 H | 44 | 93.50 | 28.31 |
| | 2 | *914.75 | 117.61AV | - | - | 1.47 H | 44 | 89.30 | 28.31 |
| 49 | 1 | *927.25 | 121.01PK | - | - | 1.65 H | 45 | 92.60 | 28.41 |
| | 2 | *927.25 | 118.11AV | - | - | 1.65 H | 45 | 89.70 | 28.41 |
| | 3 | 928.00 | 58.81PK | 101.01 | -42.20 | 1.59 H | 24 | 30.04 | 28.41 |
| | 4 | 928.00 | 46.01AV | 98.11 | -52.10 | 1.59 H | 24 | 17.60 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 54.31PK | 97.41 | -43.10 | 1.35 V | 25 | 26.10 | 28.21 |
| | 2 | 902.00 | 40.81AV | 94.11 | -53.30 | 1.35 V | 25 | 12.60 | 28.21 |
| | 3 | *902.75 | 117.41PK | - | - | 1.43 V | 26 | 89.20 | 28.21 |
| | 4 | *902.75 | 114.11AV | - | - | 1.43 V | 26 | 85.90 | 28.21 |
| 24 | 1 | *914.75 | 116.41PK | - | - | 1.54 V | 50 | 88.10 | 28.31 |
| | 2 | *914.75 | 113.21AV | - | - | 1.54 V | 50 | 84.90 | 28.31 |
| 49 | 1 | *927.25 | 116.41PK | - | - | 1.38 V | 35 | 88.00 | 28.41 |
| | 2 | *927.25 | 112.85AV | - | - | 1.38 V | 35 | 84.44 | 28.41 |
| | 3 | 928.00 | 53.01PK | 96.41 | -43.40 | 1.44 V | 48 | 24.60 | 28.41 |
| | 4 | 928.00 | 39.41AV | 92.85 | -53.44 | 1.44 V | 48 | 11.00 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.61 PK | 74.00 | -35.39 | 1.31 H | 207 | 7.20 | 31.41 |
| 2 | 2708.00 | 28.13 AV | 54.00 | -25.87 | 1.31 H | 207 | -3.28 | 31.41 |
| 3 | 3610.00 | 39.43 PK | 74.00 | -34.57 | 1.24 H | 236 | 6.19 | 33.24 |
| 4 | 3610.00 | 27.41 AV | 54.00 | -26.59 | 1.24 H | 236 | -5.83 | 33.24 |
| 5 | 4513.00 | 40.41 PK | 74.00 | -33.59 | 1.06 H | 311 | 4.46 | 35.95 |
| 6 | 4513.00 | 29.36 AV | 54.00 | -24.64 | 1.06 H | 311 | -6.59 | 35.95 |
| 7 | 5415.50 | 42.37 PK | 74.00 | -31.63 | 1.14 H | 24 | 5.11 | 37.26 |
| 8 | 5415.50 | 31.40 AV | 54.00 | -22.60 | 1.14 H | 24 | -5.86 | 37.26 |
| 9 | 8123.40 | 48.36 PK | 74.00 | -25.64 | 1.24 H | 111 | 4.28 | 44.08 |
| 10 | 8123.40 | 38.15 AV | 54.00 | -15.85 | 1.24 H | 111 | -5.93 | 44.08 |
| 11 | 9026.00 | 49.24 PK | 74.00 | -24.76 | 1.03 H | 109 | 4.71 | 44.53 |
| 12 | 9026.00 | 38.78 AV | 54.00 | -15.22 | 1.03 H | 109 | -5.75 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.71 PK | 74.00 | -35.29 | 1.20 V | 304 | 7.30 | 31.41 |
| 2 | 2708.00 | 27.60 AV | 54.00 | -26.40 | 1.20 V | 304 | -3.81 | 31.41 |
| 3 | 3610.00 | 39.17 PK | 74.00 | -34.83 | 1.03 V | 209 | 5.93 | 33.24 |
| 4 | 3610.00 | 28.80 AV | 54.00 | -25.20 | 1.03 V | 209 | -4.44 | 33.24 |
| 5 | 4513.00 | 40.65 PK | 74.00 | -33.35 | 1.21 V | 311 | 4.70 | 35.95 |
| 6 | 4513.00 | 29.31 AV | 54.00 | -24.69 | 1.21 V | 311 | -6.64 | 35.95 |
| 7 | 5415.50 | 42.31 PK | 74.00 | -31.69 | 1.21 V | 247 | 5.05 | 37.26 |
| 8 | 5415.50 | 30.63 AV | 54.00 | -23.37 | 1.21 V | 247 | -6.63 | 37.26 |
| 9 | 8123.40 | 50.29 PK | 74.00 | -23.71 | 1.00 V | 356 | 6.21 | 44.08 |
| 10 | 8123.40 | 37.71 AV | 54.00 | -16.29 | 1.00 V | 356 | -6.37 | 44.08 |
| 11 | 9026.00 | 50.83 PK | 74.00 | -23.17 | 1.00 V | 307 | 6.30 | 44.53 |
| 12 | 9026.00 | 38.32 AV | 54.00 | -15.68 | 1.00 V | 307 | -6.21 | 44.53 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 24 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 25deg. C, 45%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.69 PK | 74.00 | -35.31 | 1.00 H | 141 | 7.16 | 31.53 |
| 2 | 2744.00 | 28.33 AV | 54.00 | -25.67 | 1.00 H | 141 | -3.20 | 31.53 |
| 3 | 3658.00 | 40.33 PK | 74.00 | -33.67 | 1.24 H | 34 | 6.94 | 33.39 |
| 4 | 3658.00 | 28.17 AV | 54.00 | -25.83 | 1.24 H | 34 | -5.22 | 33.39 |
| 5 | 4573.00 | 40.47 PK | 74.00 | -33.53 | 1.09 H | 69 | 4.35 | 36.12 |
| 6 | 4573.00 | 29.38 AV | 54.00 | -24.62 | 1.09 H | 69 | -6.74 | 36.12 |
| 7 | 5487.60 | 41.62 PK | 74.00 | -32.38 | 1.00 H | 157 | 4.36 | 37.26 |
| 8 | 5487.60 | 30.31 AV | 54.00 | -23.69 | 1.00 H | 157 | -6.95 | 37.26 |
| 9 | 7316.80 | 48.35 PK | 74.00 | -25.65 | 1.00 H | 224 | 5.22 | 43.13 |
| 10 | 7316.80 | 37.36 AV | 54.00 | -16.64 | 1.00 H | 224 | -5.77 | 43.13 |
| 11 | 8231.40 | 51.17 PK | 74.00 | -22.83 | 1.20 H | 230 | 7.08 | 44.09 |
| 12 | 8231.40 | 38.29 AV | 54.00 | -15.71 | 1.20 H | 230 | -5.80 | 44.09 |
| 13 | 9146.00 | 51.40 PK | 74.00 | -22.60 | 1.23 H | 269 | 6.55 | 44.85 |
| 14 | 9146.00 | 38.23 AV | 54.00 | -15.77 | 1.23 H | 269 | -6.62 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.43 PK | 74.00 | -35.57 | 1.23 V | 240 | 6.90 | 31.53 |
| 2 | 2744.00 | 27.31 AV | 54.00 | -26.69 | 1.23 V | 240 | -4.22 | 31.53 |
| 3 | 3658.00 | 39.66 PK | 74.00 | -34.34 | 1.07 V | 260 | 6.27 | 33.39 |
| 4 | 3658.00 | 28.50 AV | 54.00 | -25.50 | 1.07 V | 260 | -4.89 | 33.39 |
| 5 | 4573.00 | 40.27 PK | 74.00 | -33.73 | 1.11 V | 231 | 4.15 | 36.12 |
| 6 | 4573.00 | 29.41 AV | 54.00 | -24.59 | 1.11 V | 231 | -6.71 | 36.12 |
| 7 | 5487.60 | 42.53 PK | 74.00 | -31.47 | 1.42 V | 114 | 5.27 | 37.26 |
| 8 | 5487.60 | 30.26 AV | 54.00 | -23.74 | 1.42 V | 114 | -7.00 | 37.26 |
| 9 | 7316.80 | 48.74 PK | 74.00 | -25.26 | 1.03 V | 241 | 5.61 | 43.13 |
| 10 | 7316.80 | 37.81 AV | 54.00 | -16.19 | 1.03 V | 241 | -5.32 | 43.13 |
| 11 | 8231.40 | 50.43 PK | 74.00 | -23.57 | 1.12 V | 308 | 6.34 | 44.09 |
| 12 | 8231.40 | 38.43 AV | 54.00 | -15.57 | 1.12 V | 308 | -5.66 | 44.09 |
| 13 | 9146.00 | 51.30 PK | 74.00 | -22.70 | 1.15 V | 127 | 6.45 | 44.85 |
| 14 | 9146.00 | 38.32 AV | 54.00 | -15.68 | 1.15 V | 127 | -6.53 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 49 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 20deg. C, 63%RH, 1015 hPa | **TESTED BY** | Wen Yu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.63 PK | 74.00 | -35.37 | 1.48 H | 171 | 6.97 | 31.66 |
| 2 | 2782.00 | 27.69 AV | 54.00 | -26.31 | 1.48 H | 171 | -3.97 | 31.66 |
| 3 | 3709.60 | 38.77 PK | 74.00 | -35.23 | 1.71 H | 10 | 5.23 | 33.54 |
| 4 | 3709.60 | 28.33 AV | 54.00 | -25.67 | 1.71 H | 10 | -5.21 | 33.54 |
| 5 | 4637.00 | 40.60 PK | 74.00 | -33.40 | 1.04 H | 23 | 4.31 | 36.29 |
| 6 | 4637.00 | 29.40 AV | 54.00 | -24.60 | 1.04 H | 23 | -6.89 | 36.29 |
| 7 | 5564.40 | 41.37 PK | 74.00 | -32.63 | 1.31 H | 169 | 3.93 | 37.44 |
| 8 | 5564.40 | 30.33 AV | 54.00 | -23.67 | 1.31 H | 169 | -7.11 | 37.44 |
| 9 | 7419.20 | 48.74 PK | 74.00 | -25.26 | 1.50 H | 314 | 5.61 | 43.13 |
| 10 | 7419.20 | 37.21 AV | 54.00 | -16.79 | 1.50 H | 314 | -5.92 | 43.13 |
| 11 | 8346.60 | 51.11 PK | 74.00 | -22.89 | 1.61 H | 240 | 7.01 | 44.10 |
| 12 | 8346.60 | 38.13 AV | 54.00 | -15.87 | 1.61 H | 240 | -5.97 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.81 PK | 74.00 | -35.19 | 1.07 V | 124 | 7.15 | 31.66 |
| 2 | 2782.00 | 27.70 AV | 54.00 | -26.30 | 1.07 V | 124 | -3.96 | 31.66 |
| 3 | 3709.60 | 39.66 PK | 74.00 | -34.34 | 1.15 V | 131 | 6.12 | 33.54 |
| 4 | 3709.60 | 28.63 AV | 54.00 | -25.37 | 1.15 V | 131 | -4.91 | 33.54 |
| 5 | 4637.00 | 41.03 PK | 74.00 | -32.97 | 1.14 V | 140 | 4.74 | 36.29 |
| 6 | 4637.00 | 29.38 AV | 54.00 | -24.62 | 1.14 V | 140 | -6.91 | 36.29 |
| 7 | 5564.40 | 43.20 PK | 74.00 | -30.80 | 1.03 V | 72 | 5.76 | 37.44 |
| 8 | 5564.40 | 30.26 AV | 54.00 | -23.74 | 1.03 V | 72 | -7.18 | 37.44 |
| 9 | 7419.20 | 49.11 PK | 74.00 | -24.89 | 1.20 V | 68 | 5.98 | 43.13 |
| 10 | 7419.20 | 38.01 AV | 54.00 | -15.99 | 1.20 V | 68 | -5.12 | 43.13 |
| 11 | 8346.60 | 50.68 PK | 74.00 | -23.32 | 1.31 V | 332 | 6.58 | 44.10 |
| 12 | 8346.60 | 38.88 AV | 54.00 | -15.12 | 1.31 V | 332 | -5.22 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

## 4.7.7 TEST RESULTS (MODE B)

For PR-ASK(XRM) – High Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (system)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 19.06 QP | 43.50 | -24.44 | 1.72 H | 104 | 7.20 | 11.86 |
| 2 | 250.00 | 15.20 QP | 46.00 | -30.80 | 1.00 H | 360 | 1.50 | 13.70 |
| 3 | 300.00 | 13.61 QP | 46.00 | -32.39 | 1.04 H | 33 | -2.40 | 16.01 |
| 4 | 600.00 | 22.97 QP | 46.00 | -23.03 | 1.04 H | 21 | -0.90 | 23.87 |
| 5 | 625.00 | 24.52 QP | 46.00 | -21.48 | 1.16 H | 309 | 0.40 | 24.12 |
| 6 | 900.00 | 26.29 QP | 46.00 | -19.71 | 1.00 H | 237 | -1.90 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 20.56 QP | 43.50 | -22.94 | 1.22 V | 148 | 8.70 | 11.86 |
| 2 | 300.00 | 18.31 QP | 46.00 | -27.69 | 1.00 V | 120 | 2.30 | 16.01 |
| 3 | 400.00 | 17.24 QP | 46.00 | -28.76 | 1.15 V | 12 | -1.30 | 18.54 |
| 4 | 600.00 | 23.07 QP | 46.00 | -22.93 | 1.08 V | 241 | -0.80 | 23.87 |
| 5 | 900.00 | 31.89 QP | 46.00 | -14.11 | 1.37 V | 37 | 3.70 | 28.19 |
| 6 | 996.60 | 27.21 QP | 54.00 | -26.79 | 1.35 V | 18 | -1.80 | 29.01 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 60, 124 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 26deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 70.51PK | 106.61 | -36.10 | 1.00 H | 280 | 42.30 | 28.21 |
| | 2 | 902.00 | 56.21AV | 104.31 | -48.10 | 1.00 H | 280 | 28.00 | 28.21 |
| | 3 | *902.60 | 126.61PK | - | - | 1.00 H | 280 | 98.40 | 28.21 |
| | 4 | *902.60 | 124.31AV | - | - | 1.00 H | 280 | 96.10 | 28.21 |
| 60 | 1 | *914.60 | 126.21PK | - | - | 1.00 H | 277 | 97.90 | 28.31 |
| | 2 | *914.60 | 103.61AV | - | - | 1.00 H | 277 | 95.30 | 28.31 |
| 124 | 1 | *927.40 | 122.71PK | - | - | 1.02 H | 272 | 94.30 | 28.41 |
| | 2 | *927.40 | 119.81AV | - | - | 1.02 H | 272 | 91.40 | 28.41 |
| | 3 | 928.00 | 59.61PK | 102.71 | -43.10 | 1.00 H | 267 | 31.20 | 28.41 |
| | 4 | 928.00 | 45.51AV | 99.81 | -54.30 | 1.00 H | 267 | 17.10 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 55.81PK | 99.11 | -43.30 | 1.00 V | 277 | 27.60 | 28.21 |
| | 2 | 902.00 | 41.41AV | 96.51 | -55.10 | 1.00 V | 277 | 13.20 | 28.21 |
| | 3 | *902.60 | 119.11PK | - | - | 1.00 V | 277 | 90.90 | 28.21 |
| | 4 | *902.60 | 116.51AV | - | - | 1.00 V | 277 | 88.30 | 28.21 |
| 60 | 1 | *914.60 | 118.01PK | - | - | 1.18 V | 236 | 89.70 | 28.31 |
| | 2 | *914.60 | 115.51AV | - | - | 1.18 V | 236 | 87.20 | 28.31 |
| 124 | 1 | *927.40 | 120.11PK | - | - | 1.12 V | 240 | 91.70 | 28.41 |
| | 2 | *927.40 | 116.71AV | - | - | 1.12 V | 240 | 88.30 | 28.41 |
| | 3 | 928.00 | 56.51PK | 100.11 | -43.60 | 1.12 V | 240 | 28.10 | 28.41 |
| | 4 | 928.00 | 42.31AV | 96.71 | -54.40 | 1.12 V | 240 | 13.90 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 45.72 PK | 74.00 | -28.28 | 1.08 H | 38 | 14.31 | 31.41 |
| 2 | 2708.00 | 36.14 AV | 54.00 | -17.86 | 1.08 H | 38 | 4.73 | 31.41 |
| 3 | 3610.00 | 45.88 PK | 74.00 | -28.12 | 1.05 H | 137 | 12.64 | 33.24 |
| 4 | 3610.00 | 36.57 AV | 54.00 | -17.43 | 1.05 H | 137 | 3.33 | 33.24 |
| 5 | 4513.00 | 43.69 PK | 74.00 | -30.31 | 1.47 H | 267 | 7.74 | 35.95 |
| 6 | 4513.00 | 32.50 AV | 54.00 | -21.50 | 1.47 H | 267 | -3.45 | 35.95 |
| 7 | 5415.50 | 44.84 PK | 74.00 | -29.16 | 1.34 H | 301 | 7.58 | 37.26 |
| 8 | 5415.50 | 32.89 AV | 54.00 | -21.11 | 1.34 H | 301 | -4.37 | 37.26 |
| 9 | 8123.40 | 51.33 PK | 74.00 | -22.67 | 1.41 H | 76 | 7.25 | 44.08 |
| 10 | 8123.40 | 40.31 AV | 54.00 | -13.69 | 1.41 H | 76 | -3.77 | 44.08 |
| 11 | 9026.00 | 51.49 PK | 74.00 | -22.51 | 1.00 H | 313 | 6.96 | 44.53 |
| 12 | 9026.00 | 39.86 AV | 54.00 | -14.14 | 1.00 H | 313 | -4.67 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 46.47 PK | 74.00 | -27.53 | 1.00 V | 157 | 15.06 | 31.41 |
| 2 | 2708.00 | 36.10 AV | 54.00 | -17.90 | 1.00 V | 157 | 4.69 | 31.41 |
| 3 | 3610.00 | 47.07 PK | 74.00 | -26.93 | 1.05 V | 286 | 13.83 | 33.24 |
| 4 | 3610.00 | 37.37 AV | 54.00 | -16.63 | 1.05 V | 286 | 4.13 | 33.24 |
| 5 | 4513.00 | 44.70 PK | 74.00 | -29.30 | 1.15 V | 103 | 8.75 | 35.95 |
| 6 | 4513.00 | 34.13 AV | 54.00 | -19.87 | 1.15 V | 103 | -1.82 | 35.95 |
| 7 | 5415.50 | 44.08 PK | 74.00 | -29.92 | 1.11 V | 241 | 6.82 | 37.26 |
| 8 | 5415.50 | 34.25 AV | 54.00 | -19.75 | 1.11 V | 241 | -3.01 | 37.26 |
| 9 | 8123.40 | 51.45 PK | 74.00 | -22.55 | 1.15 V | 28 | 7.37 | 44.08 |
| 10 | 8123.40 | 40.84 AV | 54.00 | -13.16 | 1.15 V | 28 | -3.24 | 44.08 |
| 11 | 9026.00 | 51.81 PK | 74.00 | -22.19 | 1.08 V | 299 | 7.28 | 44.53 |
| 12 | 9026.00 | 39.40 AV | 54.00 | -14.60 | 1.08 V | 299 | -5.13 | 44.53 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 60 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 47.88 PK | 74.00 | -26.12 | 1.51 H | 324 | 16.35 | 31.53 |
| 2 | 2744.00 | 38.66 AV | 54.00 | -15.34 | 1.51 H | 324 | 7.13 | 31.53 |
| 3 | 3658.00 | 42.19 PK | 74.00 | -31.81 | 1.45 H | 187 | 8.80 | 33.39 |
| 4 | 3658.00 | 33.01 AV | 54.00 | -20.99 | 1.45 H | 187 | -0.38 | 33.39 |
| 5 | 4573.00 | 42.10 PK | 74.00 | -31.90 | 1.43 H | 39 | 5.98 | 36.12 |
| 6 | 4573.00 | 31.38 AV | 54.00 | -22.62 | 1.43 H | 39 | -4.74 | 36.12 |
| 7 | 7316.80 | 49.18 PK | 74.00 | -24.82 | 1.41 H | 169 | 6.05 | 43.13 |
| 8 | 7316.80 | 37.82 AV | 54.00 | -16.18 | 1.41 H | 169 | -5.31 | 43.13 |
| 9 | 8231.40 | 50.66 PK | 74.00 | -23.34 | 1.41 H | 169 | 6.57 | 44.09 |
| 10 | 8231.40 | 38.89 AV | 54.00 | -15.11 | 1.41 H | 169 | -5.20 | 44.09 |
| 11 | 9146.00 | 50.37 PK | 74.00 | -23.63 | 1.38 H | 293 | 5.52 | 44.85 |
| 12 | 9146.00 | 38.44 AV | 54.00 | -15.56 | 1.38 H | 293 | -6.41 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 46.52 PK | 74.00 | -27.48 | 1.27 V | 272 | 14.99 | 31.53 |
| 2 | 2744.00 | 36.23 AV | 54.00 | -17.77 | 1.27 V | 272 | 4.70 | 31.53 |
| 3 | 3658.00 | 43.63 PK | 74.00 | -30.37 | 1.29 V | 94 | 10.24 | 33.39 |
| 4 | 3658.00 | 33.69 AV | 54.00 | -20.31 | 1.29 V | 94 | 0.30 | 33.39 |
| 5 | 4573.00 | 43.64 PK | 74.00 | -30.36 | 1.08 V | 231 | 7.52 | 36.12 |
| 6 | 4573.00 | 30.81 AV | 54.00 | -23.19 | 1.08 V | 231 | -5.31 | 36.12 |
| 7 | 7316.80 | 49.39 PK | 74.00 | -24.61 | 1.00 V | 280 | 6.26 | 43.13 |
| 8 | 7316.80 | 37.38 AV | 54.00 | -16.62 | 1.00 V | 280 | -5.75 | 43.13 |
| 9 | 8231.40 | 50.20 PK | 74.00 | -23.80 | 1.23 V | 60 | 6.11 | 44.09 |
| 10 | 8231.40 | 38.81 AV | 54.00 | -15.19 | 1.23 V | 60 | -5.28 | 44.09 |
| 11 | 9146.00 | 50.23 PK | 74.00 | -23.77 | 1.32 V | 24 | 5.38 | 44.85 |
| 12 | 9146.00 | 39.03 AV | 54.00 | -14.97 | 1.32 V | 24 | -5.82 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 124 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 43.24 PK | 74.00 | -30.76 | 1.03 H | 241 | 11.58 | 31.66 |
| 2 | 2782.00 | 34.33 AV | 54.00 | -19.67 | 1.03 H | 241 | 2.67 | 31.66 |
| 3 | 3709.60 | 41.08 PK | 74.00 | -32.92 | 1.40 H | 23 | 7.54 | 33.54 |
| 4 | 3709.60 | 30.83 AV | 54.00 | -23.17 | 1.40 H | 23 | -2.71 | 33.54 |
| 5 | 4637.00 | 41.49 PK | 74.00 | -32.51 | 1.08 H | 271 | 5.20 | 36.29 |
| 6 | 4637.00 | 30.34 AV | 54.00 | -23.66 | 1.08 H | 271 | -5.95 | 36.29 |
| 7 | 5564.40 | 43.22 PK | 74.00 | -30.78 | 1.20 H | 38 | 5.78 | 37.44 |
| 8 | 5564.40 | 31.78 AV | 54.00 | -22.22 | 1.20 H | 38 | -5.66 | 37.44 |
| 9 | 7419.20 | 48.72 PK | 74.00 | -25.28 | 1.00 H | 24 | 5.59 | 43.13 |
| 10 | 7419.20 | 37.66 AV | 54.00 | -16.34 | 1.00 H | 24 | -5.47 | 43.13 |
| 11 | 8346.60 | 48.62 PK | 74.00 | -25.38 | 1.03 H | 339 | 4.52 | 44.10 |
| 12 | 8346.60 | 38.10 AV | 54.00 | -15.90 | 1.03 H | 339 | -6.00 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 40.62 PK | 74.00 | -33.38 | 1.27 V | 105 | 8.96 | 31.66 |
| 2 | 2782.00 | 30.68 AV | 54.00 | -23.32 | 1.27 V | 105 | -0.98 | 31.66 |
| 3 | 3709.60 | 41.40 PK | 74.00 | -32.60 | 1.08 V | 207 | 7.86 | 33.54 |
| 4 | 3709.60 | 30.45 AV | 54.00 | -23.55 | 1.08 V | 207 | -3.09 | 33.54 |
| 5 | 4637.00 | 42.70 PK | 74.00 | -31.30 | 1.24 V | 331 | 6.41 | 36.29 |
| 6 | 4637.00 | 30.82 AV | 54.00 | -23.18 | 1.24 V | 331 | -5.47 | 36.29 |
| 7 | 5564.40 | 43.27 PK | 74.00 | -30.73 | 1.23 V | 108 | 5.83 | 37.44 |
| 8 | 5564.40 | 32.41 AV | 54.00 | -21.59 | 1.23 V | 108 | -5.03 | 37.44 |
| 9 | 7419.20 | 48.07 PK | 74.00 | -25.93 | 1.00 V | 147 | 4.94 | 43.13 |
| 10 | 7419.20 | 38.24 AV | 54.00 | -15.76 | 1.00 V | 147 | -4.89 | 43.13 |
| 11 | 8346.60 | 48.78 PK | 74.00 | -25.22 | 1.20 V | 147 | 4.68 | 44.10 |
| 12 | 8346.60 | 37.72 AV | 54.00 | -16.28 | 1.20 V | 147 | -6.38 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(XRM) – Low Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 19.56 QP | 43.50 | -23.94 | 1.70 H | 270 | 7.70 | 11.86 |
| 2 | 250.00 | 15.00 QP | 46.00 | -31.00 | 1.42 H | 231 | 1.30 | 13.70 |
| 3 | 300.00 | 13.61 QP | 46.00 | -32.39 | 1.31 H | 204 | -2.40 | 16.01 |
| 4 | 600.00 | 23.27 QP | 46.00 | -22.73 | 1.28 H | 125 | -0.60 | 23.87 |
| 5 | 625.00 | 24.82 QP | 46.00 | -21.18 | 1.09 H | 78 | 0.70 | 24.12 |
| 6 | 900.00 | 27.09 QP | 46.00 | -18.91 | 1.16 H | 306 | -1.10 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 20.66 QP | 43.50 | -22.84 | 1.63 V | 71 | 8.80 | 11.86 |
| 2 | 300.00 | 18.71 QP | 46.00 | -27.29 | 1.47 V | 168 | 2.70 | 16.01 |
| 3 | 400.00 | 17.54 QP | 46.00 | -28.46 | 1.05 V | 94 | -1.00 | 18.54 |
| 4 | 600.00 | 23.57 QP | 46.00 | -22.43 | 1.31 V | 233 | -0.30 | 23.87 |
| 5 | 900.00 | 31.99 QP | 46.00 | -14.01 | 1.27 V | 270 | 3.80 | 28.19 |
| 6 | 996.60 | 27.81 QP | 54.00 | -26.19 | 1.03 V | 355 | -1.20 | 29.01 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 60, 124 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 26deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 46.61PK | 88.91 | -42.30 | 1.00 H | 279 | 18.40 | 28.21 |
| | 2 | 902.00 | 33.71AV | 86.11 | -52.40 | 1.00 H | 279 | 5.50 | 28.21 |
| | 3 | *902.60 | 108.91PK | - | - | 1.00 H | 280 | 80.70 | 28.21 |
| | 4 | *902.60 | 106.11AV | - | - | 1.00 H | 280 | 77.90 | 28.21 |
| 60 | 1 | *914.60 | 107.51PK | - | - | 1.00 H | 277 | 79.20 | 28.31 |
| | 2 | *914.60 | 104.41AV | - | - | 1.00 H | 277 | 76.10 | 28.31 |
| 124 | 1 | *927.40 | 104.51PK | - | - | 1.00 H | 267 | 76.10 | 28.41 |
| | 2 | *927.40 | 101.31AV | - | - | 1.00 H | 267 | 72.90 | 28.41 |
| | 3 | 928.00 | 42.31PK | 84.51 | -42.20 | 1.00 H | 267 | 13.90 | 28.41 |
| | 4 | 928.00 | 28.01AV | 81.31 | -53.30 | 1.00 H | 267 | -0.40 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 44.11PK | 82.01 | -37.90 | 1.01 V | 279 | 15.90 | 28.21 |
| | 2 | 902.00 | 31.11AV | 78.61 | -47.50 | 1.01 V | 279 | 2.90 | 28.21 |
| | 3 | *902.60 | 102.01PK | - | - | 1.00 V | 277 | 73.80 | 28.21 |
| | 4 | *902.60 | 98.61AV | - | - | 1.00 V | 277 | 70.40 | 28.21 |
| 60 | 1 | *914.60 | 99.11PK | - | - | 1.18 V | 236 | 70.80 | 28.31 |
| | 2 | *914.60 | 96.21AV | - | - | 1.18 V | 236 | 67.90 | 28.31 |
| 124 | 1 | *927.40 | 101.71PK | - | - | 1.12 V | 240 | 73.30 | 28.41 |
| | 2 | *927.40 | 98.61AV | - | - | 1.12 V | 240 | 70.20 | 28.41 |
| | 3 | 928.00 | 40.11PK | 81.71 | -41.60 | 1.12 V | 240 | 11.70 | 28.41 |
| | 4 | 928.00 | 26.31AV | 78.61 | -52.30 | 1.12 V | 240 | -2.10 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.73 PK | 74.00 | -35.27 | 1.00 H | 331 | 7.32 | 31.41 |
| 2 | 2708.00 | 26.03 AV | 54.00 | -27.97 | 1.00 H | 331 | -5.38 | 31.41 |
| 3 | 3610.00 | 40.15 PK | 74.00 | -33.85 | 1.01 H | 323 | 6.91 | 33.24 |
| 4 | 3610.00 | 27.46 AV | 54.00 | -26.54 | 1.01 H | 323 | -5.78 | 33.24 |
| 5 | 4513.00 | 42.77 PK | 74.00 | -31.23 | 1.00 H | 318 | 6.82 | 35.95 |
| 6 | 4513.00 | 29.42 AV | 54.00 | -24.58 | 1.00 H | 318 | -6.53 | 35.95 |
| 7 | 5415.50 | 43.80 PK | 74.00 | -30.20 | 1.04 H | 334 | 6.54 | 37.26 |
| 8 | 5415.50 | 31.05 AV | 54.00 | -22.95 | 1.04 H | 334 | -6.21 | 37.26 |
| 9 | 8123.40 | 50.03 PK | 74.00 | -23.97 | 1.00 H | 308 | 5.95 | 44.08 |
| 10 | 8123.40 | 37.60 AV | 54.00 | -16.40 | 1.00 H | 308 | -6.48 | 44.08 |
| 11 | 9026.00 | 50.13 PK | 74.00 | -23.87 | 1.05 H | 299 | 5.60 | 44.53 |
| 12 | 9026.00 | 38.40 AV | 54.00 | -15.60 | 1.05 H | 299 | -6.13 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.68 PK | 74.00 | -35.32 | 1.17 V | 233 | 7.27 | 31.41 |
| 2 | 2708.00 | 26.05 AV | 54.00 | -27.95 | 1.17 V | 233 | -5.36 | 31.41 |
| 3 | 3610.00 | 38.66 PK | 74.00 | -35.34 | 1.12 V | 241 | 5.42 | 33.24 |
| 4 | 3610.00 | 27.63 AV | 54.00 | -26.37 | 1.12 V | 241 | -5.61 | 33.24 |
| 5 | 4513.00 | 41.63 PK | 74.00 | -32.37 | 1.10 V | 200 | 5.68 | 35.95 |
| 6 | 4513.00 | 29.18 AV | 54.00 | -24.82 | 1.10 V | 200 | -6.77 | 35.95 |
| 7 | 5415.50 | 43.28 PK | 74.00 | -30.72 | 1.08 V | 231 | 6.02 | 37.26 |
| 8 | 5415.50 | 30.68 AV | 54.00 | -23.32 | 1.08 V | 231 | -6.58 | 37.26 |
| 9 | 8123.40 | 50.21 PK | 74.00 | -23.79 | 1.20 V | 218 | 6.13 | 44.08 |
| 10 | 8123.40 | 37.52 AV | 54.00 | -16.48 | 1.20 V | 218 | -6.56 | 44.08 |
| 11 | 9026.00 | 50.69 PK | 74.00 | -23.31 | 1.13 V | 222 | 6.16 | 44.53 |
| 12 | 9026.00 | 38.81 AV | 54.00 | -15.19 | 1.13 V | 222 | -5.72 | 44.53 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 60 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 39.23 PK | 74.00 | -34.77 | 1.01 H | 241 | 7.70 | 31.53 |
| 2 | 2744.00 | 26.44 AV | 54.00 | -27.56 | 1.01 H | 241 | -5.09 | 31.53 |
| 3 | 3658.00 | 39.63 PK | 74.00 | -34.37 | 1.20 H | 238 | 6.24 | 33.39 |
| 4 | 3658.00 | 27.38 AV | 54.00 | -26.62 | 1.20 H | 238 | -6.01 | 33.39 |
| 5 | 4573.00 | 42.33 PK | 74.00 | -31.67 | 1.08 H | 260 | 6.21 | 36.12 |
| 6 | 4573.00 | 29.69 AV | 54.00 | -24.31 | 1.08 H | 260 | -6.43 | 36.12 |
| 7 | 7316.80 | 49.64 PK | 74.00 | -24.36 | 1.21 H | 233 | 6.51 | 43.13 |
| 8 | 7316.80 | 36.46 AV | 54.00 | -17.54 | 1.21 H | 233 | -6.67 | 43.13 |
| 9 | 8231.40 | 49.87 PK | 74.00 | -24.13 | 1.09 H | 242 | 5.78 | 44.09 |
| 10 | 8231.40 | 37.18 AV | 54.00 | -16.82 | 1.09 H | 242 | -6.91 | 44.09 |
| 11 | 9146.00 | 51.24 PK | 74.00 | -22.76 | 1.15 H | 239 | 6.39 | 44.85 |
| 12 | 9146.00 | 38.63 AV | 54.00 | -15.37 | 1.15 H | 239 | -6.22 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.19 PK | 74.00 | -35.81 | 1.03 V | 303 | 6.66 | 31.53 |
| 2 | 2744.00 | 26.42 AV | 54.00 | -27.58 | 1.03 V | 303 | -5.11 | 31.53 |
| 3 | 3658.00 | 40.23 PK | 74.00 | -33.77 | 1.24 V | 321 | 6.84 | 33.39 |
| 4 | 3658.00 | 27.18 AV | 54.00 | -26.82 | 1.24 V | 321 | -6.21 | 33.39 |
| 5 | 4573.00 | 43.91 PK | 74.00 | -30.09 | 1.31 V | 342 | 7.79 | 36.12 |
| 6 | 4573.00 | 29.34 AV | 54.00 | -24.66 | 1.31 V | 342 | -6.78 | 36.12 |
| 7 | 7316.80 | 49.68 PK | 74.00 | -24.32 | 1.18 V | 316 | 6.55 | 43.13 |
| 8 | 7316.80 | 36.66 AV | 54.00 | -17.34 | 1.18 V | 316 | -6.47 | 43.13 |
| 9 | 8231.40 | 51.37 PK | 74.00 | -22.63 | 1.30 V | 309 | 7.28 | 44.09 |
| 10 | 8231.40 | 37.53 AV | 54.00 | -16.47 | 1.30 V | 309 | -6.56 | 44.09 |
| 11 | 9146.00 | 50.68 PK | 74.00 | -23.32 | 1.29 V | 318 | 5.83 | 44.85 |
| 12 | 9146.00 | 38.18 AV | 54.00 | -15.82 | 1.29 V | 318 | -6.67 | 44.85 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 124 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 39.00 PK | 74.00 | -35.00 | 1.21 H | 131 | 7.34 | 31.66 |
| 2 | 2782.00 | 26.70 AV | 54.00 | -27.30 | 1.21 H | 131 | -4.96 | 31.66 |
| 3 | 3709.60 | 39.41 PK | 74.00 | -34.59 | 1.24 H | 134 | 5.87 | 33.54 |
| 4 | 3709.60 | 27.38 AV | 54.00 | -26.62 | 1.24 H | 134 | -6.16 | 33.54 |
| 5 | 4637.00 | 42.66 PK | 74.00 | -31.34 | 1.22 H | 130 | 6.37 | 36.29 |
| 6 | 4637.00 | 30.29 AV | 54.00 | -23.71 | 1.22 H | 130 | -6.00 | 36.29 |
| 7 | 7419.20 | 49.83 PK | 74.00 | -24.17 | 1.25 H | 111 | 6.70 | 43.13 |
| 8 | 7419.20 | 37.26 AV | 54.00 | -16.74 | 1.25 H | 111 | -5.87 | 43.13 |
| 9 | 8346.60 | 51.20 PK | 74.00 | -22.80 | 1.20 H | 140 | 7.10 | 44.10 |
| 10 | 8346.60 | 37.69 AV | 54.00 | -16.31 | 1.20 H | 140 | -6.41 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.56 PK | 74.00 | -35.44 | 1.28 V | 29 | 6.90 | 31.66 |
| 2 | 2782.00 | 26.39 AV | 54.00 | -27.61 | 1.28 V | 29 | -5.27 | 31.66 |
| 3 | 3709.60 | 40.23 PK | 74.00 | -33.77 | 1.27 V | 33 | 6.69 | 33.54 |
| 4 | 3709.60 | 27.11 AV | 54.00 | -26.89 | 1.27 V | 33 | -6.43 | 33.54 |
| 5 | 4637.00 | 41.11 PK | 74.00 | -32.89 | 1.28 V | 68 | 4.82 | 36.29 |
| 6 | 4637.00 | 30.26 AV | 54.00 | -23.74 | 1.28 V | 68 | -6.03 | 36.29 |
| 7 | 7419.20 | 50.08 PK | 74.00 | -23.92 | 1.31 V | 43 | 6.95 | 43.13 |
| 8 | 7419.20 | 36.78 AV | 54.00 | -17.22 | 1.31 V | 43 | -6.35 | 43.13 |
| 9 | 8346.60 | 50.63 PK | 74.00 | -23.37 | 1.32 V | 23 | 6.53 | 44.10 |
| 10 | 8346.60 | 37.77 AV | 54.00 | -16.23 | 1.32 V | 23 | -6.33 | 44.10 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(DRM) – High Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 19.26 QP | 43.50 | -24.24 | 1.62 H | 250 | 7.40 | 11.86 |
| 2 | 250.00 | 15.30 QP | 46.00 | -30.70 | 1.24 H | 31 | 1.60 | 13.70 |
| 3 | 300.00 | 13.71 QP | 46.00 | -32.29 | 1.03 H | 141 | -2.30 | 16.01 |
| 4 | 600.00 | 23.47 QP | 46.00 | -22.53 | 1.17 H | 222 | -0.40 | 23.87 |
| 5 | 625.00 | 24.52 QP | 46.00 | -21.48 | 1.28 H | 307 | 0.40 | 24.12 |
| 6 | 900.00 | 26.49 QP | 46.00 | -19.51 | 1.33 H | 296 | -1.70 | 28.19 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 200.00 | 20.46 QP | 43.50 | -23.04 | 1.20 V | 34 | 8.60 | 11.86 |
| 2 | 300.00 | 18.91 QP | 46.00 | -27.09 | 1.00 V | 120 | 2.90 | 16.01 |
| 3 | 400.00 | 17.24 QP | 46.00 | -28.76 | 1.15 V | 62 | -1.30 | 18.54 |
| 4 | 600.00 | 23.17 QP | 46.00 | -22.83 | 1.08 V | 251 | -0.70 | 23.87 |
| 5 | 900.00 | 31.69 QP | 46.00 | -14.31 | 1.33 V | 39 | 3.50 | 28.19 |
| 6 | 996.60 | 27.61 QP | 54.00 | -26.39 | 1.36 V | 17 | -1.40 | 29.01 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 60, 124 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 26deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 58.51PK | 102.11 | -43.60 | 1.00 H | 278 | 30.30 | 28.21 |
| | 2 | 902.00 | 43.81AV | 99.11 | -55.30 | 1.00 H | 278 | 15.60 | 28.21 |
| | 3 | *902.60 | 122.11PK | - | - | 1.00 H | 278 | 93.90 | 28.21 |
| | 4 | *902.60 | 119.11AV | - | - | 1.00 H | 278 | 90.90 | 28.21 |
| 60 | 1 | *914.60 | 124.91PK | - | - | 1.00 H | 277 | 96.60 | 28.31 |
| | 2 | *914.60 | 121.91AV | - | - | 1.00 H | 277 | 93.60 | 28.31 |
| 124 | 1 | *927.40 | 120.51PK | - | - | 1.00 H | 269 | 92.10 | 28.41 |
| | 2 | *927.40 | 117.21AV | - | - | 1.00 H | 269 | 88.80 | 28.41 |
| | 3 | 928.00 | 57.31PK | 100.51 | -43.20 | 1.00 H | 269 | 28.90 | 28.41 |
| | 4 | 928.00 | 42.81AV | 97.21 | -54.40 | 1.00 H | 269 | 14.40 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 52.61PK | 96.31 | -43.70 | 1.00 V | 269 | 24.40 | 28.21 |
| | 2 | 902.00 | 38.01AV | 93.01 | -55.00 | 1.00 V | 269 | 9.80 | 28.21 |
| | 3 | *902.60 | 116.31PK | - | - | 1.00 V | 268 | 88.10 | 28.21 |
| | 4 | *902.60 | 113.01AV | - | - | 1.00 V | 268 | 84.80 | 28.21 |
| 60 | 1 | *914.60 | 114.71PK | - | - | 1.15 V | 267 | 86.40 | 28.31 |
| | 2 | *914.60 | 111.91AV | - | - | 1.15 V | 267 | 83.60 | 28.31 |
| 124 | 1 | *927.40 | 115.51PK | - | - | 1.18 V | 263 | 87.10 | 28.41 |
| | 2 | *927.40 | 112.51AV | - | - | 1.18 V | 263 | 84.10 | 28.41 |
| | 3 | 928.00 | 52.21PK | 95.51 | -43.30 | 1.18 V | 263 | 23.80 | 28.41 |
| | 4 | 928.00 | 38.31AV | 92.51 | -54.20 | 1.18 V | 263 | 9.90 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.11 PK | 74.00 | -35.89 | 1.08 H | 360 | 6.70 | 31.41 |
| 2 | 2708.00 | 27.31 AV | 54.00 | -26.69 | 1.08 H | 360 | -4.10 | 31.41 |
| 3 | 3610.00 | 38.64 PK | 74.00 | -35.36 | 1.10 H | 100 | 5.40 | 33.24 |
| 4 | 3610.00 | 27.37 AV | 54.00 | -26.63 | 1.10 H | 100 | -5.87 | 33.24 |
| 5 | 4513.00 | 42.34 PK | 74.00 | -31.66 | 1.31 H | 92 | 6.39 | 35.95 |
| 6 | 4513.00 | 29.18 AV | 54.00 | -24.82 | 1.31 H | 92 | -6.77 | 35.95 |
| 7 | 5415.50 | 44.53 PK | 74.00 | -29.47 | 4.00 H | 241 | 7.27 | 37.26 |
| 8 | 5415.50 | 30.64 AV | 54.00 | -23.36 | 4.00 H | 241 | -6.62 | 37.26 |
| 9 | 8123.40 | 49.32 PK | 74.00 | -24.68 | 1.68 H | 220 | 5.24 | 44.08 |
| 10 | 8123.40 | 37.46 AV | 54.00 | -16.54 | 1.68 H | 220 | -6.62 | 44.08 |
| 11 | 9026.00 | 51.11 PK | 74.00 | -22.89 | 1.71 H | 110 | 6.58 | 44.53 |
| 12 | 9026.00 | 38.36 AV | 54.00 | -15.64 | 1.71 H | 110 | -6.17 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.91 PK | 74.00 | -35.09 | 1.19 V | 180 | 7.50 | 31.41 |
| 2 | 2708.00 | 27.11 AV | 54.00 | -26.89 | 1.19 V | 180 | -4.30 | 31.41 |
| 3 | 3610.00 | 38.94 PK | 74.00 | -35.06 | 1.11 V | 154 | 5.70 | 33.24 |
| 4 | 3610.00 | 27.65 AV | 54.00 | -26.35 | 1.11 V | 154 | -5.59 | 33.24 |
| 5 | 4513.00 | 41.54 PK | 74.00 | -32.46 | 1.30 V | 103 | 5.59 | 35.95 |
| 6 | 4513.00 | 29.25 AV | 54.00 | -24.75 | 1.30 V | 103 | -6.70 | 35.95 |
| 7 | 5415.50 | 44.04 PK | 74.00 | -29.96 | 1.26 V | 133 | 6.78 | 37.26 |
| 8 | 5415.50 | 30.69 AV | 54.00 | -23.31 | 1.26 V | 133 | -6.57 | 37.26 |
| 9 | 8123.40 | 50.32 PK | 74.00 | -23.68 | 1.19 V | 233 | 6.24 | 44.08 |
| 10 | 8123.40 | 37.52 AV | 54.00 | -16.48 | 1.19 V | 233 | -6.56 | 44.08 |
| 11 | 9026.00 | 50.73 PK | 74.00 | -23.27 | 1.00 V | 49 | 6.20 | 44.53 |
| 12 | 9026.00 | 38.34 AV | 54.00 | -15.66 | 1.00 V | 49 | -6.19 | 44.53 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 60 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 39.64 PK | 74.00 | -34.36 | 1.05 H | 36 | 8.11 | 31.53 |
| 2 | 2744.00 | 27.11 AV | 54.00 | -26.89 | 1.05 H | 36 | -4.42 | 31.53 |
| 3 | 3658.00 | 39.66 PK | 74.00 | -34.34 | 1.07 H | 124 | 6.27 | 33.39 |
| 4 | 3658.00 | 27.24 AV | 54.00 | -26.76 | 1.07 H | 124 | -6.15 | 33.39 |
| 5 | 4573.00 | 42.48 PK | 74.00 | -31.52 | 1.10 H | 147 | 6.36 | 36.12 |
| 6 | 4573.00 | 29.38 AV | 54.00 | -24.62 | 1.10 H | 147 | -6.74 | 36.12 |
| 7 | 7316.80 | 49.71 PK | 74.00 | -24.29 | 1.00 H | 300 | 6.58 | 43.13 |
| 8 | 7316.80 | 36.42 AV | 54.00 | -17.58 | 1.00 H | 300 | -6.71 | 43.13 |
| 9 | 8231.40 | 49.98 PK | 74.00 | -24.02 | 1.21 H | 303 | 5.89 | 44.09 |
| 10 | 8231.40 | 37.13 AV | 54.00 | -16.87 | 1.21 H | 303 | -6.96 | 44.09 |
| 11 | 9146.00 | 50.03 PK | 74.00 | -23.97 | 1.03 H | 241 | 5.18 | 44.85 |
| 12 | 9146.00 | 38.84 AV | 54.00 | -15.16 | 1.03 H | 241 | -6.01 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.33 PK | 74.00 | -35.67 | 1.01 V | 38 | 6.80 | 31.53 |
| 2 | 2744.00 | 26.37 AV | 54.00 | -27.63 | 1.01 V | 38 | -5.16 | 31.53 |
| 3 | 3658.00 | 40.21 PK | 74.00 | -33.79 | 1.00 V | 67 | 6.82 | 33.39 |
| 4 | 3658.00 | 29.39 AV | 54.00 | -24.61 | 1.00 V | 67 | -4.00 | 33.39 |
| 5 | 4573.00 | 43.93 PK | 74.00 | -30.07 | 1.20 V | 143 | 7.81 | 36.12 |
| 6 | 4573.00 | 29.46 AV | 54.00 | -24.54 | 1.20 V | 143 | -6.66 | 36.12 |
| 7 | 7316.80 | 49.96 PK | 74.00 | -24.04 | 1.08 V | 49 | 6.83 | 43.13 |
| 8 | 7316.80 | 36.93 AV | 54.00 | -17.07 | 1.08 V | 49 | -6.20 | 43.13 |
| 9 | 8231.40 | 50.33 PK | 74.00 | -23.67 | 1.14 V | 308 | 6.24 | 44.09 |
| 10 | 8231.40 | 37.77 AV | 54.00 | -16.23 | 1.14 V | 308 | -6.32 | 44.09 |
| 11 | 9146.00 | 50.68 PK | 74.00 | -23.32 | 1.25 V | 222 | 5.83 | 44.85 |
| 12 | 9146.00 | 38.34 AV | 54.00 | -15.66 | 1.25 V | 222 | -6.51 | 44.85 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 124 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C,67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 39.39 PK | 74.00 | -34.61 | 1.28 H | 60 | 7.73 | 31.66 |
| 2 | 2782.00 | 26.60 AV | 54.00 | -27.40 | 1.28 H | 60 | -5.06 | 31.66 |
| 3 | 3709.60 | 39.88 PK | 74.00 | -34.12 | 1.28 H | 61 | 6.34 | 33.54 |
| 4 | 3709.60 | 27.37 AV | 54.00 | -26.63 | 1.28 H | 61 | -6.17 | 33.54 |
| 5 | 4637.00 | 42.09 PK | 74.00 | -31.91 | 1.27 H | 63 | 5.80 | 36.29 |
| 6 | 4637.00 | 30.22 AV | 54.00 | -23.78 | 1.27 H | 63 | -6.07 | 36.29 |
| 7 | 7419.20 | 49.77 PK | 74.00 | -24.23 | 1.27 H | 58 | 6.64 | 43.13 |
| 8 | 7419.20 | 37.25 AV | 54.00 | -16.75 | 1.27 H | 58 | -5.88 | 43.13 |
| 9 | 8346.60 | 51.04 PK | 74.00 | -22.96 | 1.28 H | 55 | 6.94 | 44.10 |
| 10 | 8346.60 | 37.61 AV | 54.00 | -16.39 | 1.28 H | 55 | -6.49 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.57 PK | 74.00 | -35.43 | 1.30 V | 28 | 6.91 | 31.66 |
| 2 | 2782.00 | 26.38 AV | 54.00 | -27.62 | 1.30 V | 28 | -5.28 | 31.66 |
| 3 | 3709.60 | 40.13 PK | 74.00 | -33.87 | 1.32 V | 22 | 6.59 | 33.54 |
| 4 | 3709.60 | 27.20 AV | 54.00 | -26.80 | 1.32 V | 22 | -6.34 | 33.54 |
| 5 | 4637.00 | 42.54 PK | 74.00 | -31.46 | 1.30 V | 23 | 6.25 | 36.29 |
| 6 | 4637.00 | 30.27 AV | 54.00 | -23.73 | 1.30 V | 23 | -6.02 | 36.29 |
| 7 | 7419.20 | 49.55 PK | 74.00 | -24.45 | 1.32 V | 36 | 6.42 | 43.13 |
| 8 | 7419.20 | 36.89 AV | 54.00 | -17.11 | 1.32 V | 36 | -6.24 | 43.13 |
| 9 | 8346.60 | 50.01 PK | 74.00 | -23.99 | 1.32 V | 22 | 5.91 | 44.10 |
| 10 | 8346.60 | 37.64 AV | 54.00 | -16.36 | 1.32 V | 22 | -6.46 | 44.10 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

For PR-ASK(DRM) – Low Power:

| | | | |
|---|---|---|---|
| **CHANNEL** | 0 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Quasi-Peak |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 19.46 QP | 43.50 | -24.04 | 1.00 H | 291 | 7.60 | 11.86 |
| 2 | 250.00 | 15.50 QP | 46.00 | -30.50 | 1.24 H | 23 | 1.80 | 13.70 |
| 3 | 300.00 | 13.31 QP | 46.00 | -32.69 | 1.00 H | 168 | -2.70 | 16.01 |
| 4 | 600.00 | 23.07 QP | 46.00 | -22.93 | 1.05 H | 137 | -0.80 | 23.87 |
| 5 | 625.00 | 24.72 QP | 46.00 | -21.28 | 1.08 H | 200 | 0.60 | 24.12 |
| 6 | 900.00 | 26.69 QP | 46.00 | -19.31 | 1.20 H | 311 | -1.50 | 28.19 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.00 | 20.96 QP | 43.50 | -22.54 | 1.29 V | 37 | 9.10 | 11.86 |
| 2 | 300.00 | 18.31 QP | 46.00 | -27.69 | 1.31 V | 168 | 2.30 | 16.01 |
| 3 | 400.00 | 16.84 QP | 46.00 | -29.16 | 1.00 V | 114 | -1.70 | 18.54 |
| 4 | 600.00 | 22.67 QP | 46.00 | -23.33 | 1.01 V | 39 | -1.20 | 23.87 |
| 5 | 900.00 | 31.99 QP | 46.00 | -14.01 | 1.22 V | 0 | 3.80 | 28.19 |
| 6 | 996.60 | 27.41 QP | 54.00 | -26.59 | 1.10 V | 88 | -1.60 | 29.01 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | 0, 60, 124 | **FREQUENCY RANGE** | Below 1GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 26deg. C, 66%RH, 1015 hPa | **TESTED BY** | Kent Liu |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 55.61PK | 102.11 | -46.50 | 1.00 H | 278 | 27.40 | 28.21 |
| | 2 | 902.00 | 42.01AV | 96.51 | -54.50 | 1.00 H | 278 | 13.80 | 28.21 |
| | 3 | *902.60 | 122.11PK | - | - | 1.00 H | 277 | 93.90 | 28.21 |
| | 4 | *902.60 | 116.51AV | - | - | 1.00 H | 277 | 88.30 | 28.21 |
| 60 | 1 | *914.60 | 121.51PK | - | - | 1.00 H | 277 | 93.20 | 28.31 |
| | 2 | *914.60 | 119.41AV | - | - | 1.00 H | 277 | 91.10 | 28.31 |
| 124 | 1 | *927.40 | 118.31PK | - | - | 1.00 H | 270 | 89.90 | 28.41 |
| | 2 | *927.40 | 114.71AV | - | - | 1.00 H | 270 | 86.30 | 28.41 |
| | 3 | 928.00 | 54.21PK | 98.31 | -44.10 | 1.00 H | 269 | 25.80 | 28.41 |
| | 4 | 928.00 | 40.21AV | 94.71 | -54.50 | 1.00 H | 269 | 11.80 | 28.41 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| channel | No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 902.00 | 50.31 | 93.91 | -43.60 | 1.01 V | 267 | 22.10 | 28.21 |
| | 2 | 902.00 | 36.31 | 90.81 | -54.50 | 1.01 V | 267 | 8.10 | 28.21 |
| | 3 | *902.60 | 113.91 | - | - | 1.00 V | 268 | 85.70 | 28.21 |
| | 4 | *902.60 | 110.81 | - | - | 1.00 V | 268 | 82.60 | 28.21 |
| 60 | 1 | *914.60 | 112.41 | - | - | 1.15 V | 261 | 84.10 | 28.31 |
| | 2 | *914.60 | 109.41 | - | - | 1.15 V | 261 | 81.10 | 28.31 |
| 124 | 1 | *927.40 | 113.31 | - | - | 1.18 V | 263 | 84.90 | 28.41 |
| | 2 | *927.40 | 109.81 | - | - | 1.18 V | 263 | 81.40 | 28.41 |
| | 3 | 928.00 | 49.21 | 93.31 | -44.10 | 1.18 V | 264 | 20.80 | 28.41 |
| | 4 | 928.00 | 36.01 | 89.81 | -53.80 | 1.18 V | 264 | 7.60 | 28.41 |

**REMARKS**:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 0 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.63 PK | 74.00 | -35.37 | 1.08 H | 128 | 7.22 | 31.41 |
| 2 | 2708.00 | 27.63 AV | 54.00 | -26.37 | 1.08 H | 128 | -3.78 | 31.41 |
| 3 | 3610.00 | 38.66 PK | 74.00 | -35.34 | 1.08 H | 128 | 5.42 | 33.24 |
| 4 | 3610.00 | 27.38 AV | 54.00 | -26.62 | 1.08 H | 128 | -5.86 | 33.24 |
| 5 | 4513.00 | 43.38 PK | 74.00 | -30.62 | 1.10 H | 100 | 7.43 | 35.95 |
| 6 | 4513.00 | 29.14 AV | 54.00 | -24.86 | 1.10 H | 100 | -6.81 | 35.95 |
| 7 | 5415.50 | 44.55 PK | 74.00 | -29.45 | 1.10 H | 109 | 7.29 | 37.26 |
| 8 | 5415.50 | 30.36 AV | 54.00 | -23.64 | 1.10 H | 109 | -6.90 | 37.26 |
| 9 | 8123.40 | 49.23 PK | 74.00 | -24.77 | 1.10 H | 124 | 5.15 | 44.08 |
| 10 | 8123.40 | 37.52 AV | 54.00 | -16.48 | 1.10 H | 124 | -6.56 | 44.08 |
| 11 | 9026.00 | 51.13 PK | 74.00 | -22.87 | 1.09 H | 107 | 6.60 | 44.53 |
| 12 | 9026.00 | 38.37 AV | 54.00 | -15.63 | 1.09 H | 107 | -6.16 | 44.53 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2708.00 | 38.63 PK | 74.00 | -35.37 | 1.30 V | 129 | 7.22 | 31.41 |
| 2 | 2708.00 | 27.13 AV | 54.00 | -26.87 | 1.30 V | 129 | -4.28 | 31.41 |
| 3 | 3610.00 | 38.77 PK | 74.00 | -35.23 | 1.20 V | 108 | 5.53 | 33.24 |
| 4 | 3610.00 | 27.65 AV | 54.00 | -26.35 | 1.20 V | 108 | -5.59 | 33.24 |
| 5 | 4513.00 | 41.34 PK | 74.00 | -32.66 | 1.11 V | 111 | 5.39 | 35.95 |
| 6 | 4513.00 | 29.23 AV | 54.00 | -24.77 | 1.11 V | 111 | -6.72 | 35.95 |
| 7 | 5415.50 | 44.21 PK | 74.00 | -29.79 | 1.26 V | 134 | 6.95 | 37.26 |
| 8 | 5415.50 | 30.71 AV | 54.00 | -23.29 | 1.26 V | 134 | -6.55 | 37.26 |
| 9 | 8123.40 | 50.29 PK | 74.00 | -23.71 | 1.33 V | 124 | 6.21 | 44.08 |
| 10 | 8123.40 | 37.55 AV | 54.00 | -16.45 | 1.33 V | 124 | -6.53 | 44.08 |
| 11 | 9026.00 | 50.78 PK | 74.00 | -23.22 | 1.08 V | 123 | 6.25 | 44.53 |
| 12 | 9026.00 | 38.38 AV | 54.00 | -15.62 | 1.08 V | 123 | -6.15 | 44.53 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 60 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 39.63 PK | 74.00 | -34.37 | 1.07 H | 37 | 8.10 | 31.53 |
| 2 | 2744.00 | 27.12 AV | 54.00 | -26.88 | 1.07 H | 37 | -4.41 | 31.53 |
| 3 | 3658.00 | 39.74 PK | 74.00 | -34.26 | 1.01 H | 28 | 6.35 | 33.39 |
| 4 | 3658.00 | 27.40 AV | 54.00 | -26.60 | 1.01 H | 28 | -5.99 | 33.39 |
| 5 | 4573.00 | 42.41 PK | 74.00 | -31.59 | 1.09 H | 39 | 6.29 | 36.12 |
| 6 | 4573.00 | 29.40 AV | 54.00 | -24.60 | 1.09 H | 39 | -6.72 | 36.12 |
| 7 | 7316.80 | 49.19 PK | 74.00 | -24.81 | 1.04 H | 43 | 6.06 | 43.13 |
| 8 | 7316.80 | 36.53 AV | 54.00 | -17.47 | 1.04 H | 43 | -6.60 | 43.13 |
| 9 | 8231.40 | 49.69 PK | 74.00 | -24.31 | 1.03 H | 47 | 5.60 | 44.09 |
| 10 | 8231.40 | 37.68 AV | 54.00 | -16.32 | 1.03 H | 47 | -6.41 | 44.09 |
| 11 | 9146.00 | 51.11 PK | 74.00 | -22.89 | 1.09 H | 51 | 6.26 | 44.85 |
| 12 | 9146.00 | 38.80 AV | 54.00 | -15.20 | 1.09 H | 51 | -6.05 | 44.85 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2744.00 | 38.64 PK | 74.00 | -35.36 | 1.02 V | 40 | 7.11 | 31.53 |
| 2 | 2744.00 | 26.40 AV | 54.00 | -27.60 | 1.02 V | 40 | -5.13 | 31.53 |
| 3 | 3658.00 | 39.41 PK | 74.00 | -34.59 | 1.11 V | 81 | 6.02 | 33.39 |
| 4 | 3658.00 | 27.10 AV | 54.00 | -26.90 | 1.11 V | 81 | -6.29 | 33.39 |
| 5 | 4573.00 | 43.26 PK | 74.00 | -30.74 | 1.24 V | 333 | 7.14 | 36.12 |
| 6 | 4573.00 | 29.38 AV | 54.00 | -24.62 | 1.24 V | 333 | -6.74 | 36.12 |
| 7 | 7316.80 | 49.53 PK | 74.00 | -24.47 | 1.20 V | 307 | 6.40 | 43.13 |
| 8 | 7316.80 | 36.79 AV | 54.00 | -17.21 | 1.20 V | 307 | -6.34 | 43.13 |
| 9 | 8231.40 | 49.87 PK | 74.00 | -24.13 | 1.23 V | 138 | 5.78 | 44.09 |
| 10 | 8231.40 | 37.73 AV | 54.00 | -16.27 | 1.23 V | 138 | -6.36 | 44.09 |
| 11 | 9146.00 | 50.72 PK | 74.00 | -23.28 | 1.23 V | 239 | 5.87 | 44.85 |
| 12 | 9146.00 | 38.29 AV | 54.00 | -15.71 | 1.23 V | 239 | -6.56 | 44.85 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

| | | | |
|---|---|---|---|
| **CHANNEL** | Channel 124 | **FREQUENCY RANGE** | 1 ~25GHz |
| **INPUT POWER (SYSTEM)** | 120Vac, 60 Hz | **DETECTOR FUNCTION** | Peak(PK)<br>Average (AV) |
| **ENVIRONMENTAL CONDITIONS** | 28deg. C, 67%RH, 1015 hPa | **TESTED BY** | Rex Huang |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 39.13 PK | 74.00 | -34.87 | 1.14 H | 147 | 7.47 | 31.66 |
| 2 | 2782.00 | 26.61 AV | 54.00 | -27.39 | 1.14 H | 147 | -5.05 | 31.66 |
| 3 | 3709.60 | 39.48 PK | 74.00 | -34.52 | 1.20 H | 146 | 5.94 | 33.54 |
| 4 | 3709.60 | 27.48 AV | 54.00 | -26.52 | 1.20 H | 146 | -6.06 | 33.54 |
| 5 | 4637.00 | 42.17 PK | 74.00 | -31.83 | 1.23 H | 131 | 5.88 | 36.29 |
| 6 | 4637.00 | 30.26 AV | 54.00 | -23.74 | 1.23 H | 131 | -6.03 | 36.29 |
| 7 | 7419.20 | 49.22 PK | 74.00 | -24.78 | 1.29 H | 133 | 6.09 | 43.13 |
| 8 | 7419.20 | 37.42 AV | 54.00 | -16.58 | 1.29 H | 133 | -5.71 | 43.13 |
| 9 | 8346.60 | 50.08 PK | 74.00 | -23.92 | 1.20 H | 139 | 5.98 | 44.10 |
| 10 | 8346.60 | 37.71 AV | 54.00 | -16.29 | 1.20 H | 139 | -6.39 | 44.10 |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2782.00 | 38.63 PK | 74.00 | -35.37 | 1.20 V | 360 | 6.97 | 31.66 |
| 2 | 2782.00 | 26.37 AV | 54.00 | -27.63 | 1.20 V | 360 | -5.29 | 31.66 |
| 3 | 3709.60 | 40.31 PK | 74.00 | -33.69 | 1.23 V | 238 | 6.77 | 33.54 |
| 4 | 3709.60 | 27.20 AV | 54.00 | -26.80 | 1.23 V | 238 | -6.34 | 33.54 |
| 5 | 4637.00 | 42.51 PK | 74.00 | -31.49 | 1.20 V | 271 | 6.22 | 36.29 |
| 6 | 4637.00 | 30.31 AV | 54.00 | -23.69 | 1.20 V | 271 | -5.98 | 36.29 |
| 7 | 7419.20 | 49.63 PK | 74.00 | -24.37 | 1.20 V | 266 | 6.50 | 43.13 |
| 8 | 7419.20 | 36.73 AV | 54.00 | -17.27 | 1.20 V | 266 | -6.40 | 43.13 |
| 9 | 8346.60 | 50.41 PK | 74.00 | -23.59 | 1.29 V | 265 | 6.31 | 44.10 |
| 10 | 8346.60 | 37.68 AV | 54.00 | -16.32 | 1.29 V | 265 | -6.42 | 44.10 |

**REMARKS**: 1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

## 4.8 CONDUCTED OUT-BAND EMISSION MEASUREMENT

### 4.8.1 LIMITS OF CONDUCTED OUT-BAND EMISSION MEASUREMENT

Below –20dB of the highest emission level of operating band (in 100KHz RBW).

### 4.8.2 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED DATE | CALIBRATED UNTIL |
|---|---|---|---|---|
| R&S SPECTRUM ANALYZER | FSP40 | 100037 | Aug. 03, 2009 | Aug. 02, 2010 |

**NOTE:**

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

### 4.8.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100 kHz with suitable frequency span including 20 MHz bandwidth from band edge. The band edges was measured and recorded.

### 4.8.4 DEVIATION FROM TEST STANDARD

No deviation

### 4.8.5 EUT OPERATING CONDITION

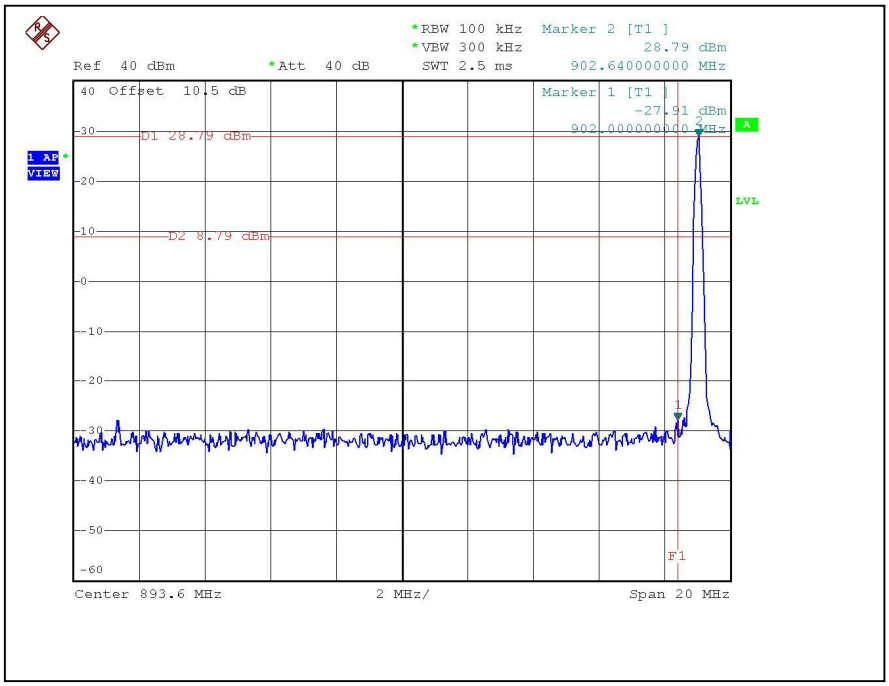
The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

### 4.8.6 TEST RESULTS (MODE B)

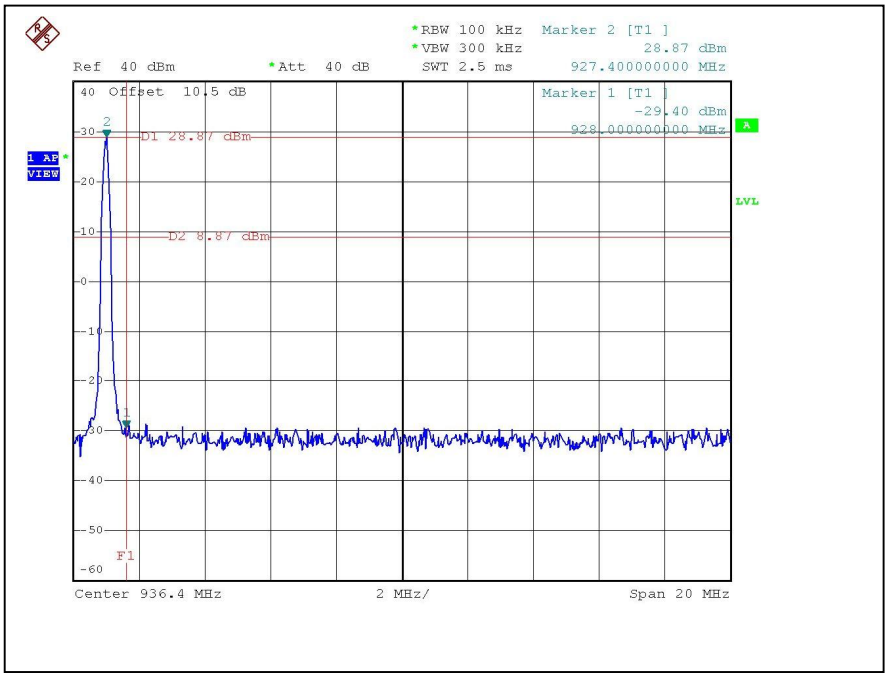
The spectrum plots are attached on the following pages. D2 line indicates the highest level, D1 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.247(C).

For PR-ASK(XRM) – High Power:

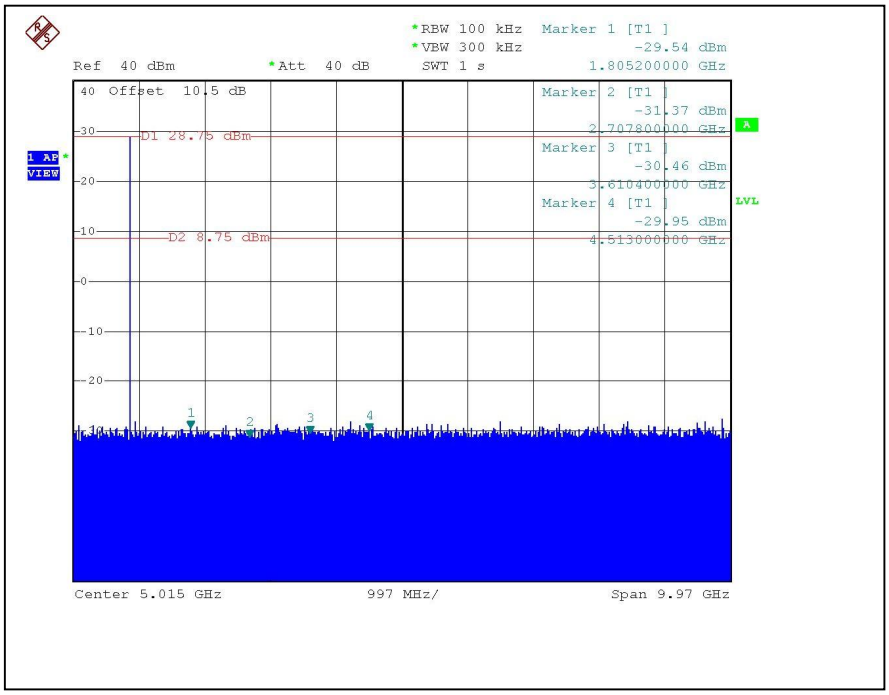
CH0



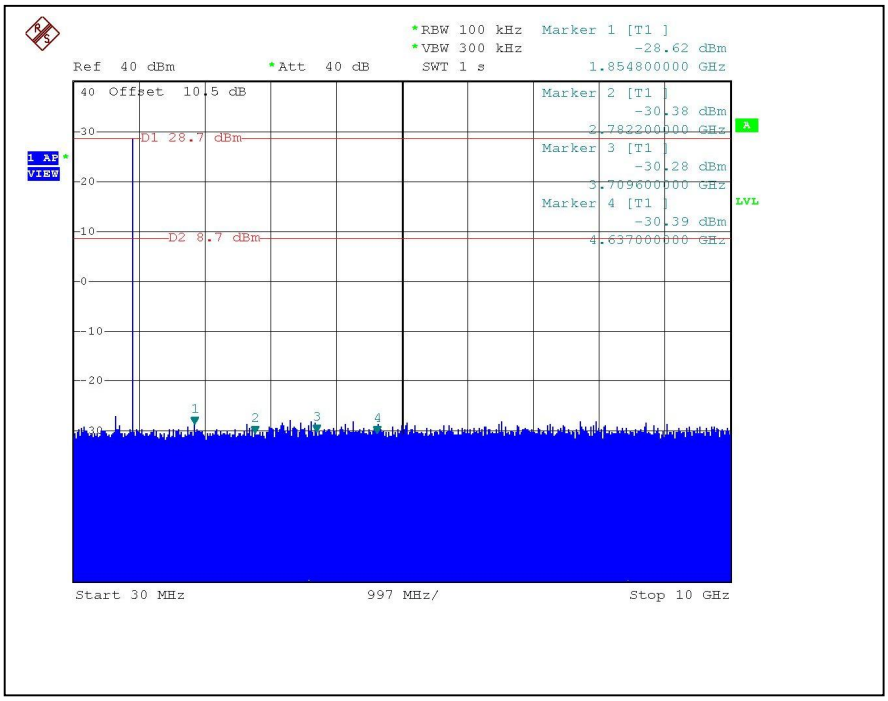

CH124



CH0

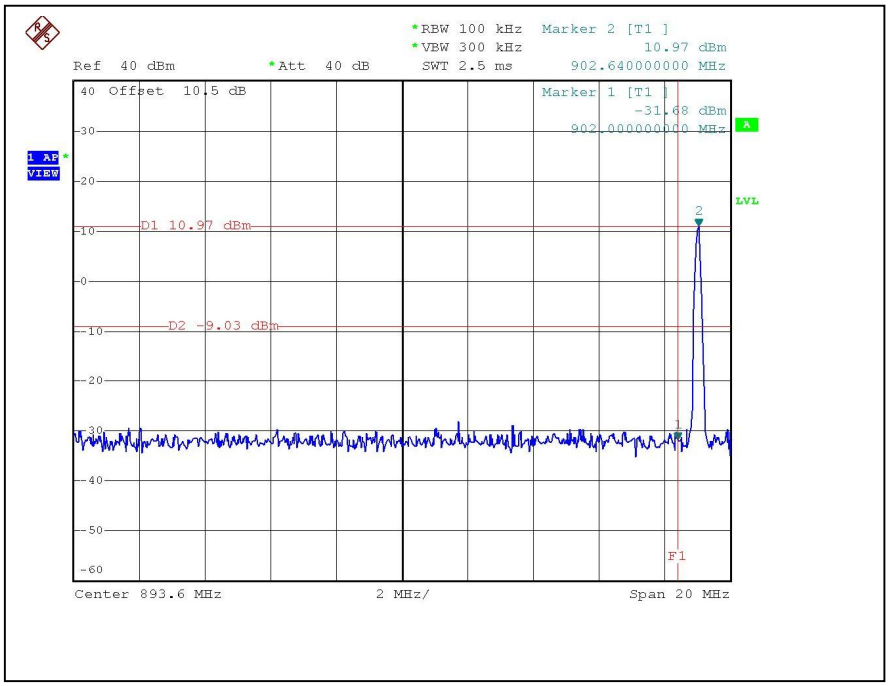

RBW 100 kHz
VBW 300 kHz
SWT 1 s
Marker 1 [T1 ]
-29.54 dBm
1.805200000 GHz
Ref 40 dBm
Att 40 dB
40 Offset 10.5 dB
Marker 2 [T1 ]
-31.37 dBm
2.707800000 GHz
D1 28.75 dBm
Marker 3 [T1 ]
-30.46 dBm
3.610400000 GHz
Marker 4 [T1 ]
-29.95 dBm
4.513000000 GHz
D2 8.75 dBm
1 AP
VIEW
A
LVL
Center 5.015 GHz
997 MHz/
Span 9.97 GHz

CH124

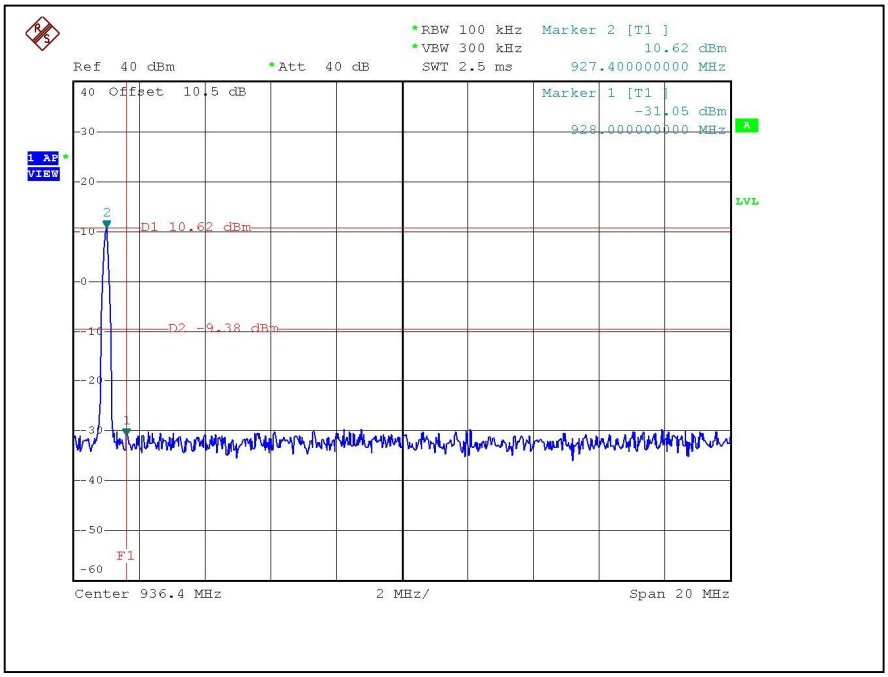

RBW 100 kHz
VBW 300 kHz
SWT 1 s
Marker 1 [T1 ]
-28.62 dBm
1.854800000 GHz
Ref 40 dBm
Att 40 dB
40 Offset 10.5 dB
Marker 2 [T1 ]
-30.38 dBm
2.782200000 GHz
D1 28.7 dBm
Marker 3 [T1 ]
-30.28 dBm
3.709600000 GHz
Marker 4 [T1 ]
-30.39 dBm
4.637000000 GHz
D2 8.7 dBm
1 AP
VIEW
A
LVL
Start 30 MHz
997 MHz/
Stop 10 GHz

For PR-ASK(XRM) – Low Power:

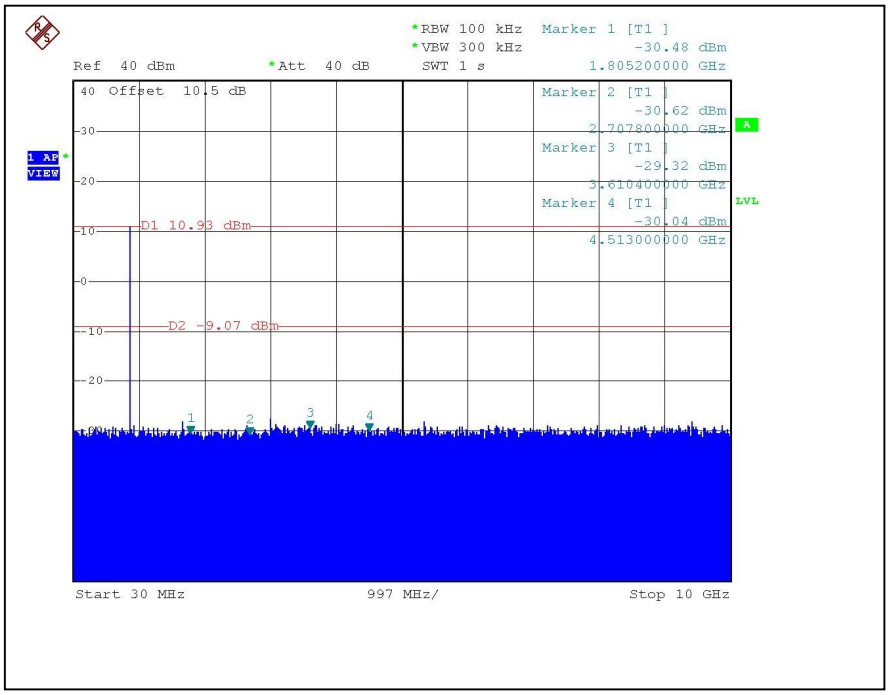
CH0



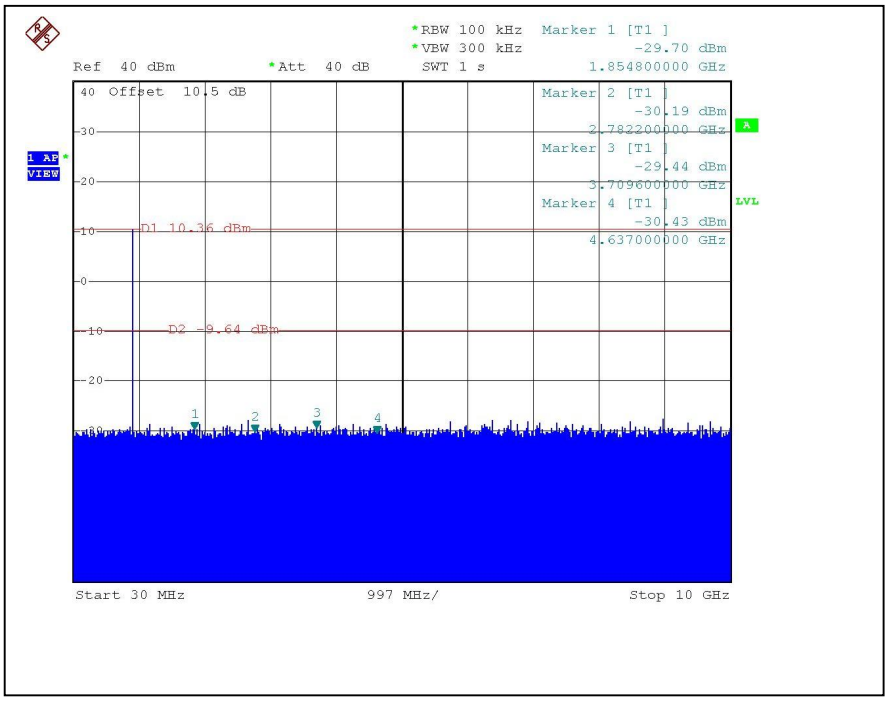

CH124



CH0

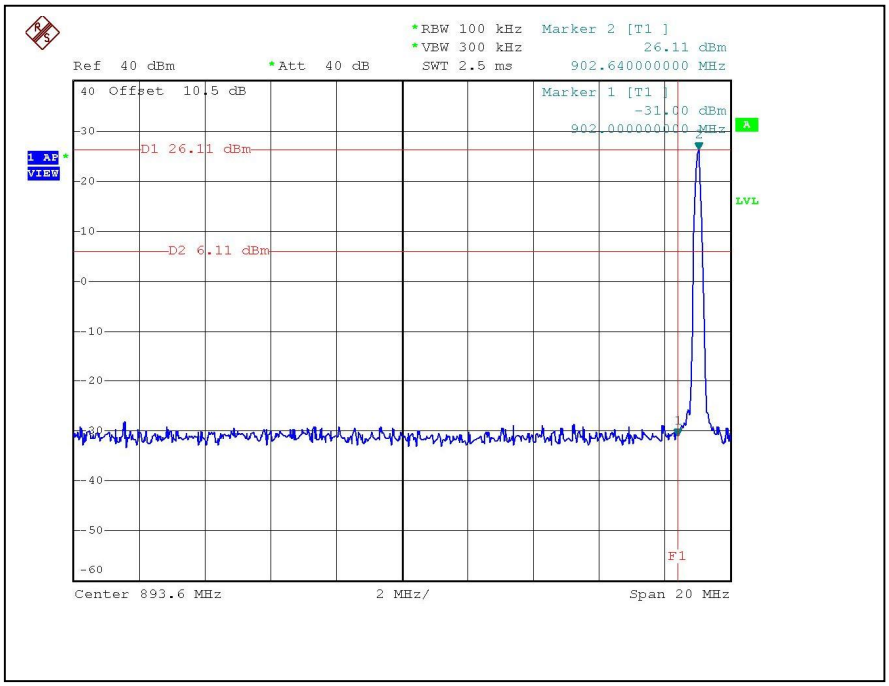

*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-30.48 dBm
1.805200000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-30.62 dBm
2.707800000 GHz
Marker 3 [T1 ]
-29.32 dBm
3.610400000 GHz
Marker 4 [T1 ]
-30.04 dBm
4.513000000 GHz
1 AP
VIEW
D1 10.93 dBm
D2 -9.07 dBm
Start 30 MHz
997 MHz/
Stop 10 GHz

CH124

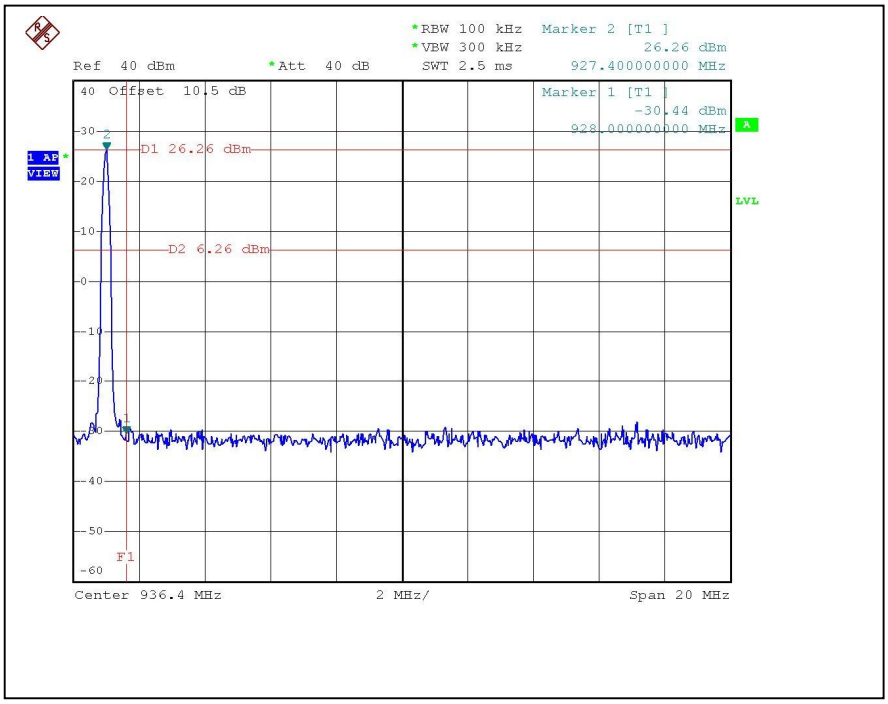

*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-29.70 dBm
1.854800000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-30.19 dBm
2.782200000 GHz
Marker 3 [T1 ]
-29.44 dBm
3.709600000 GHz
Marker 4 [T1 ]
-30.43 dBm
4.637000000 GHz
1 AP
VIEW
D1 10.36 dBm
D2 -9.64 dBm
Start 30 MHz
997 MHz/
Stop 10 GHz

For PR-ASK(DRM) – High Power:

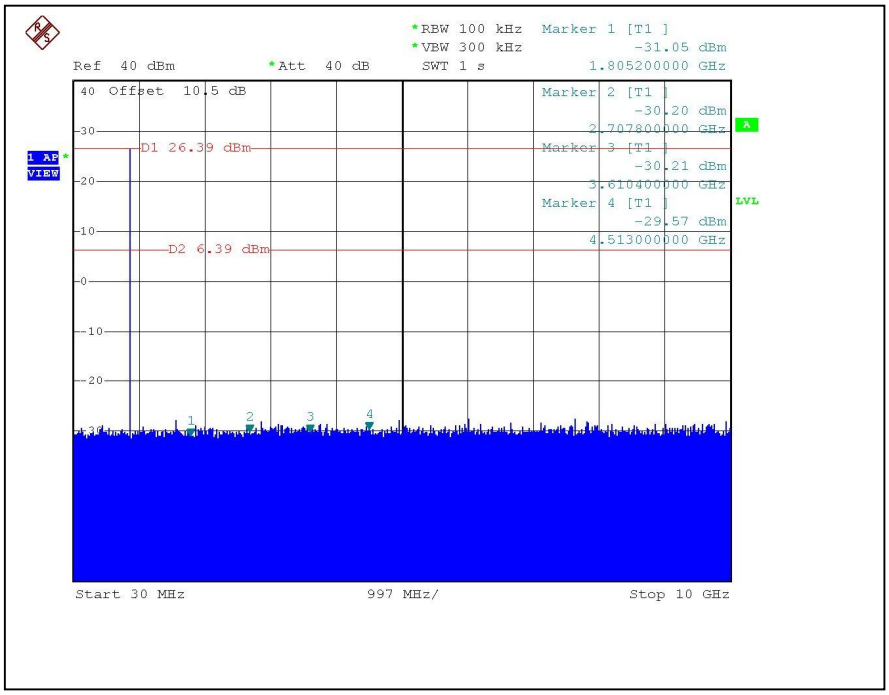
CH0



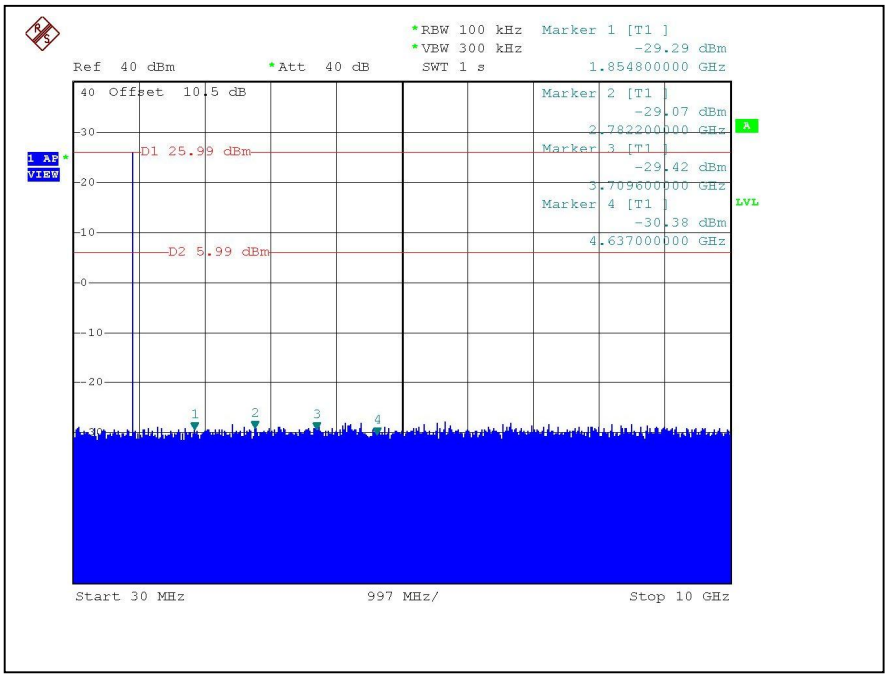

CH124



CH0

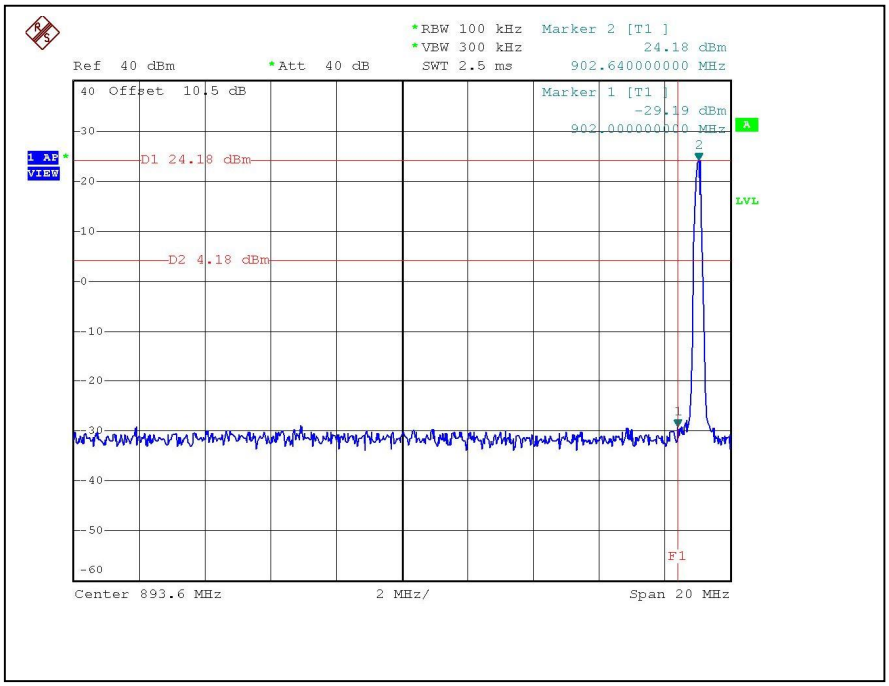

*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-31.05 dBm
1.805200000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-30.20 dBm
2.707800000 GHz
D1 26.39 dBm
Marker 3 [T1 ]
-30.21 dBm
3.610400000 GHz
Marker 4 [T1 ]
-29.57 dBm
4.513000000 GHz
D2 6.39 dBm
1 AP
VIEW
A
LVL
Start 30 MHz
997 MHz/
Stop 10 GHz

CH124

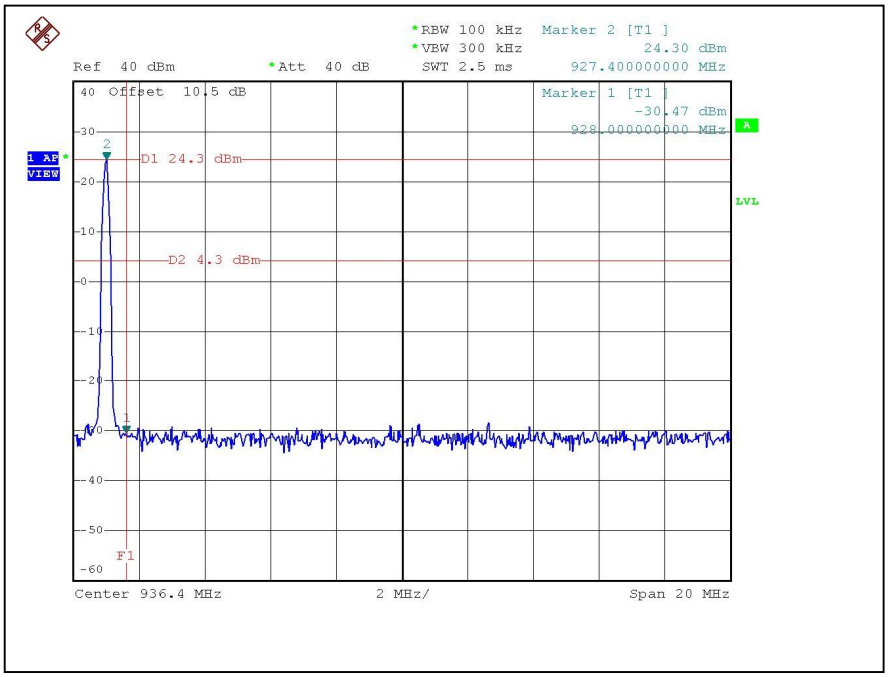

*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-29.29 dBm
1.854800000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-29.07 dBm
2.782200000 GHz
D1 25.99 dBm
Marker 3 [T1 ]
-29.42 dBm
3.709600000 GHz
Marker 4 [T1 ]
-30.38 dBm
4.637000000 GHz
D2 5.99 dBm
1 AP
VIEW
A
LVL
Start 30 MHz
997 MHz/
Stop 10 GHz

For PR-ASK(DRM) – Low Power:

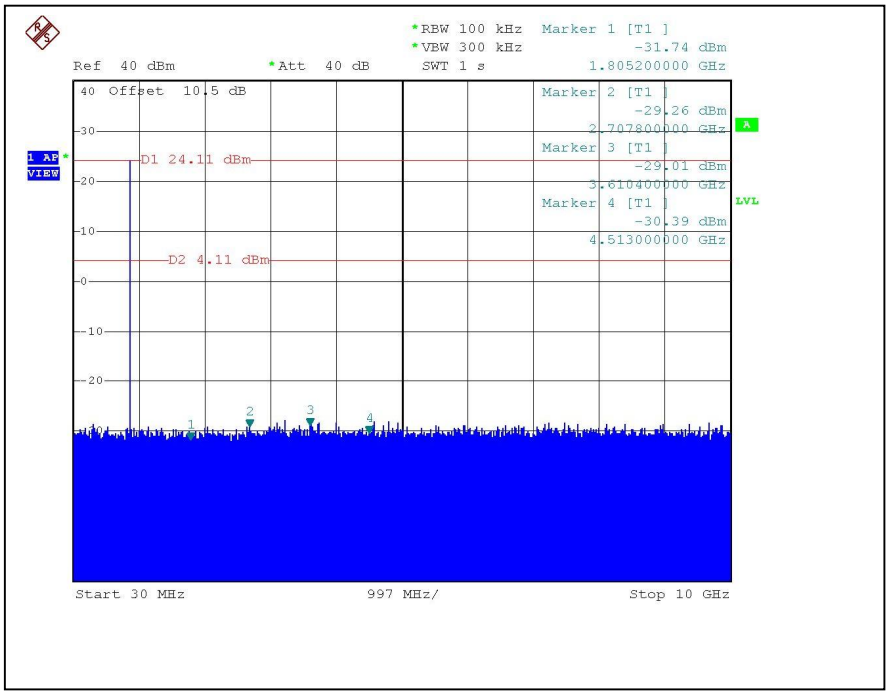
CH0



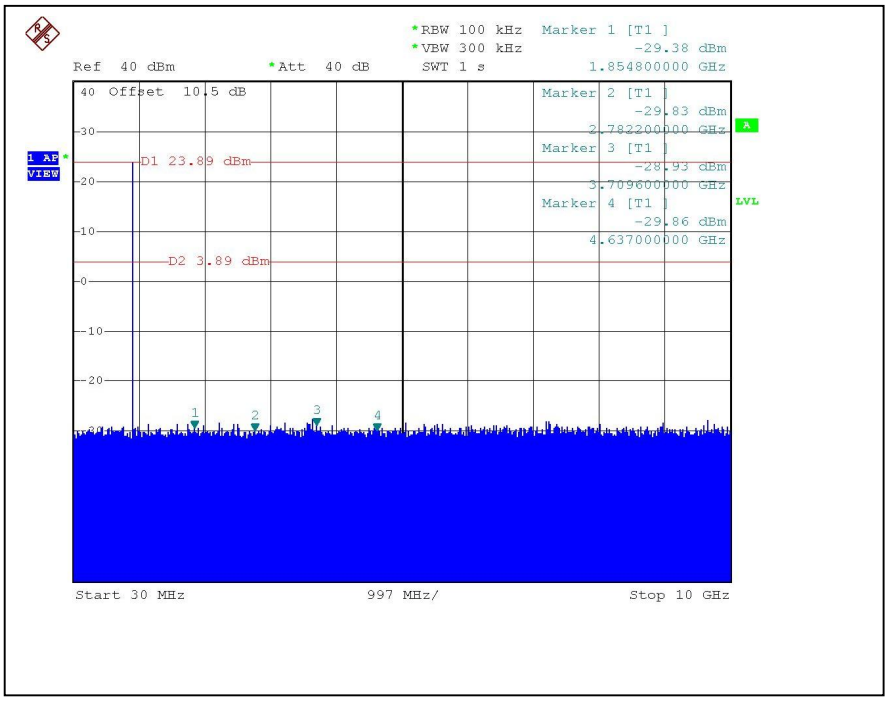

CH124



CH0


*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-31.74 dBm
1.805200000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-29.26 dBm
2.707800000 GHz
Marker 3 [T1 ]
-29.01 dBm
3.610400000 GHz
Marker 4 [T1 ]
-30.39 dBm
4.513000000 GHz
D1 24.11 dBm
D2 4.11 dBm
1 AP
VIEW
A
LVL
Start 30 MHz
997 MHz/
Stop 10 GHz

CH124


*RBW 100 kHz
*VBW 300 kHz
Ref 40 dBm
*Att 40 dB
SWT 1 s
Marker 1 [T1 ]
-29.38 dBm
1.854800000 GHz
40 Offset 10.5 dB
Marker 2 [T1 ]
-29.83 dBm
2.782200000 GHz
Marker 3 [T1 ]
-28.93 dBm
3.709600000 GHz
Marker 4 [T1 ]
-29.86 dBm
4.637000000 GHz
D1 23.89 dBm
D2 3.89 dBm
1 AP
VIEW
A
LVL
Start 30 MHz
997 MHz/
Stop 10 GHz

## 4.9 ANTENNA REQUIREMENT

### 4.9.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 4.9.2 ANTENNA CONNECTED CONSTRUCTION

There is one antenna provided to this EUT:

| Antenna Type | Connector Type | Gain (dBi) | Cable loss (dB) | Net Gain (dBi) |
|---|---|---|---|---|
| Dipole Antenna | SMA Female | 2 | 0.3 | 1.7 |

# 5 INFORMATION ON THE TESTING LABORATORIES

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:

| | |
|---|---|
| **USA** | FCC, NVLAP |
| **Germany** | TUV Rheinland |
| **Japan** | VCCI |
| **Norway** | NEMKO |
| **Canada** | INDUSTRY CANADA, CSA |
| **R.O.C.** | TAF, BSMI, NCC |
| **Netherlands** | Telefication |
| **Singapore** | GOST-ASIA (MOU) |
| **Russia** | CERTIS (MOU) |

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml.
If you have any comments, please feel free to contact us at the following:


**Linko EMC/RF Lab**:
Tel: 886-2-26052180
Fax: 886-2-26052943

**Hsin Chu EMC/RF Lab**:
Tel: 886-3-5935343
Fax: 886-3-5935342

**Hwa Ya EMC/RF/Safety/Telecom Lab**:
Tel: 886-3-3183232
Fax: 886-3-3185050

**Email**: service@adt.com.tw
**Web Site**: www.adt.com.tw


The address and road map of all our labs can be found in our web site also.

# 6 APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

**--- END ---**