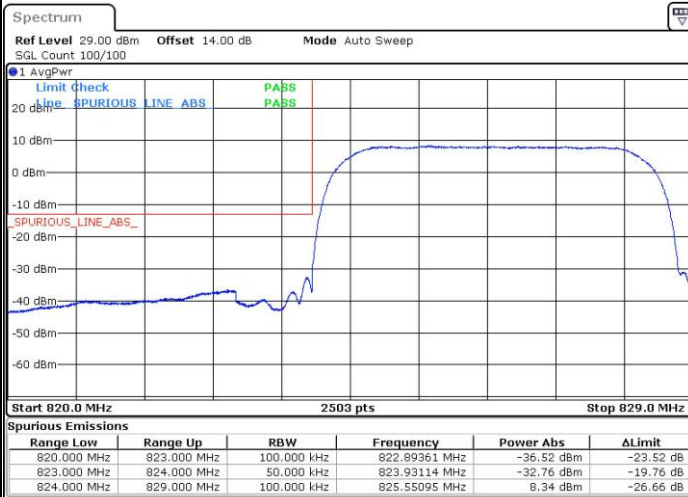




## Conducted Band Edge

### WCDMA Band V (RMC 12.2Kbps)

#### Lowest Band Edge

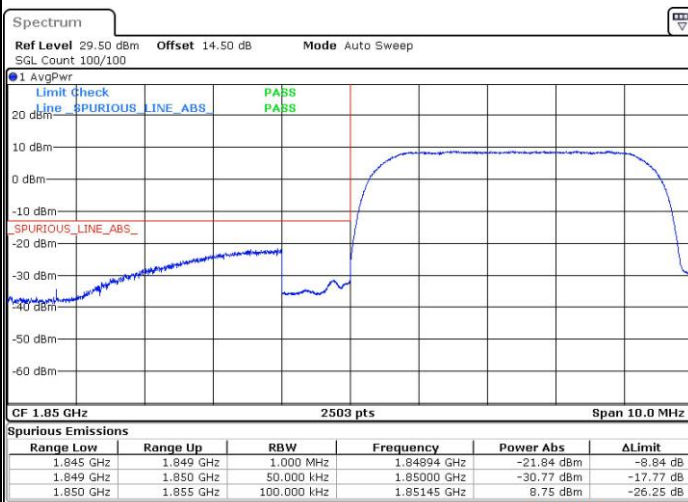


#### Highest Band Edge

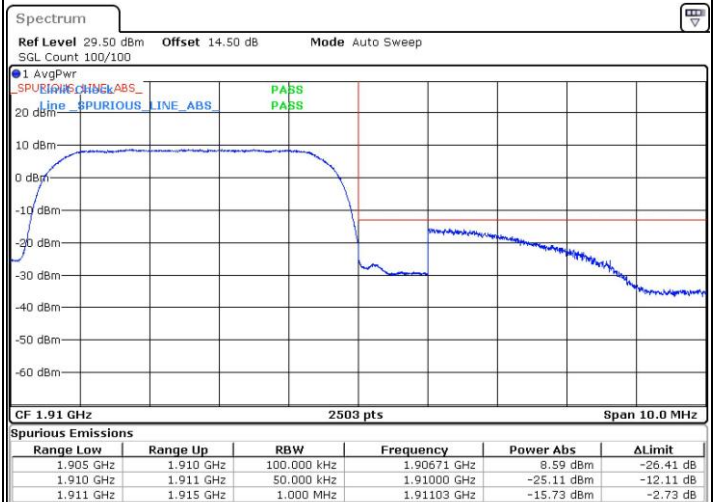


### WCDMA Band II (RMC 12.2Kbps)

#### Lowest Band Edge



#### Highest Band Edge





## WCDMA Band IV (RMC 12.2Kbps)

## Lowest Band Edge



Date: 23.JUL.2025 10:49:25

## Highest Band Edge



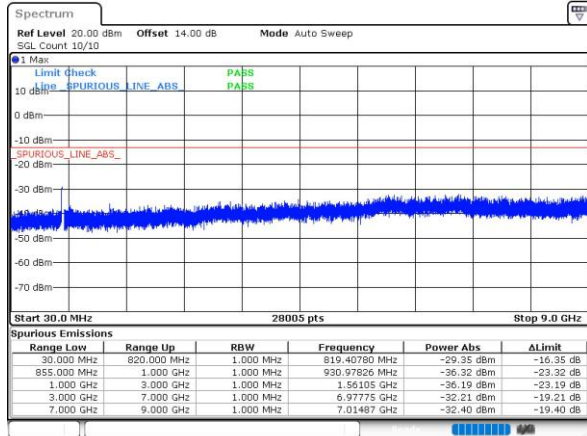
Date: 23.JUL.2025 10:56:48



# Conducted Spurious Emission

## WCDMA Band V (RMC 12.2Kbps)

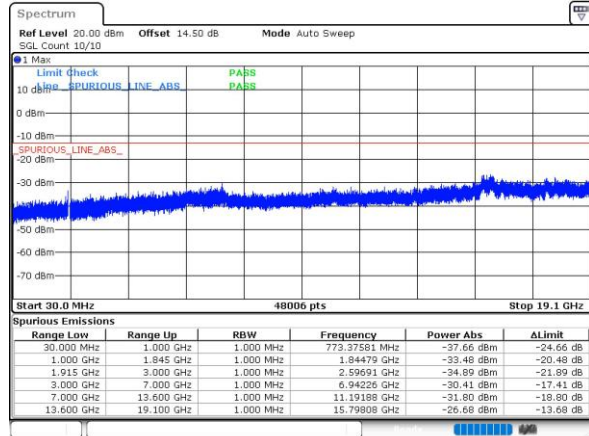
### Lowest Channel



Date: 23.JUL.2025 11:01:59

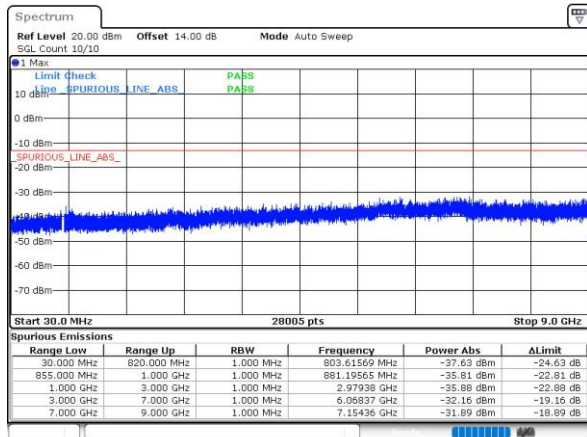
## WCDMA Band II (RMC 12.2Kbps)

### Lowest Channel



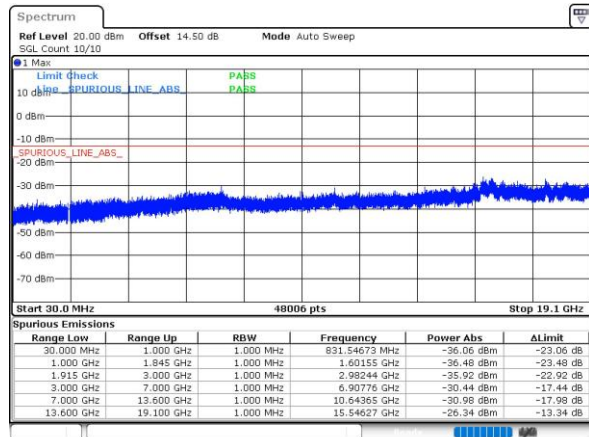
Date: 23.JUL.2025 10:42:04

### Middle Channel



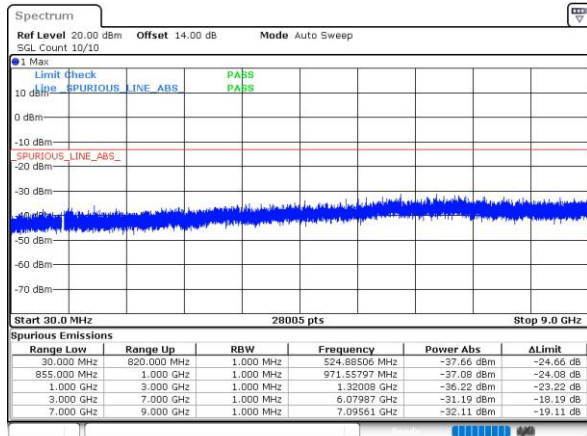
Date: 23.JUL.2025 11:03:58

### Middle Channel



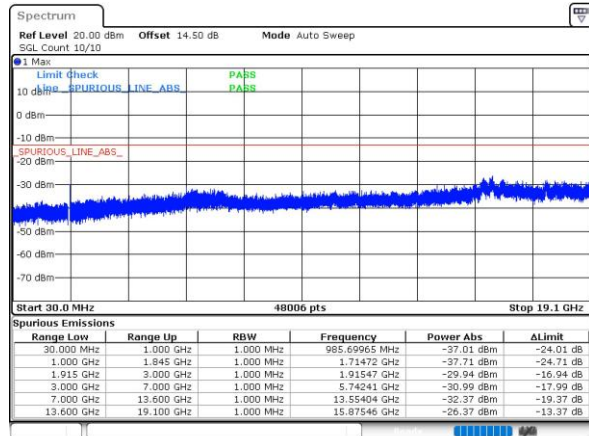
Date: 23.JUL.2025 10:49:28

### Highest Channel



Date: 23.JUL.2025 11:06:11

### Highest Channel

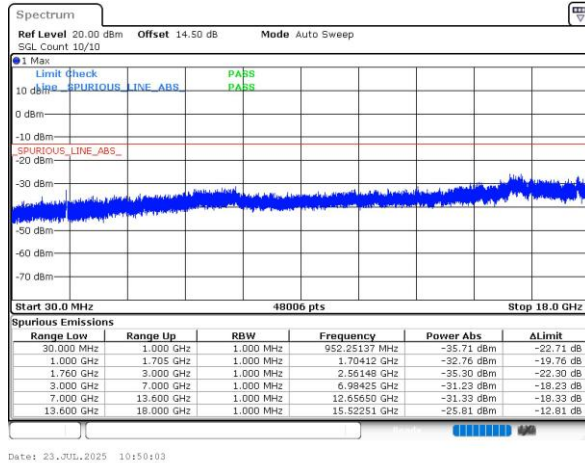


Date: 23.JUL.2025 10:46:30

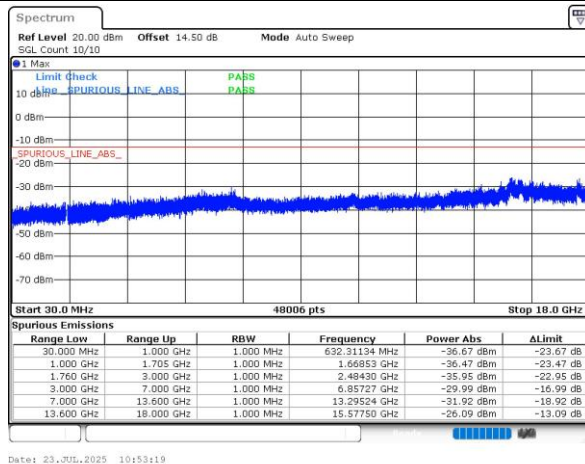


## WCDMA Band IV (RMC 12.2Kbps)

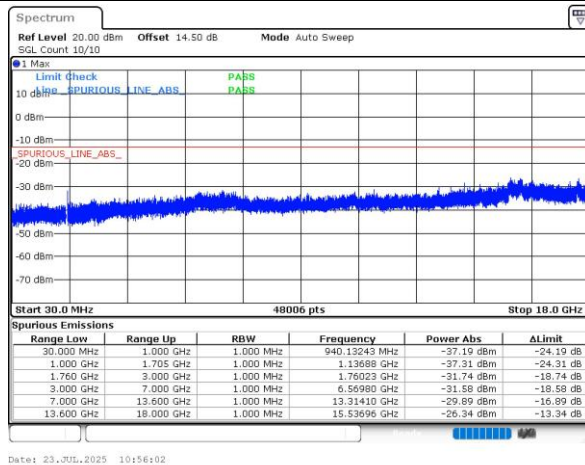
## Lowest Channel



## Middle Channel



## Highest Channel



## Frequency Stability

| Test Conditions  | Middle Channel    | WCDMA Band V<br>(RMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                | Result          |
| 50               | Normal Voltage    | 0.0012                         | PASS            |
| 40               | Normal Voltage    | 0.0017                         |                 |
| 30               | Normal Voltage    | 0.0006                         |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                         |                 |
| 10               | Normal Voltage    | 0.0018                         |                 |
| 0                | Normal Voltage    | 0.0029                         |                 |
| -10              | Normal Voltage    | 0.0030                         |                 |
| -20              | Normal Voltage    | 0.0032                         |                 |
| -30              | Normal Voltage    | 0.0039                         |                 |
| 20               | Maximum Voltage   | 0.0044                         |                 |
| 20               | Normal Voltage    | 0.0000                         |                 |
| 20               | Battery End Point | 0.0045                         |                 |

| Test Conditions  | Middle Channel    | WCDMA Band II<br>(RMC 12.2Kbps) | Limit<br>Note 2. |
|------------------|-------------------|---------------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                 | Result           |
| 50               | Normal Voltage    | 0.0005                          | PASS             |
| 40               | Normal Voltage    | 0.0004                          |                  |
| 30               | Normal Voltage    | 0.0002                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0023                          |                  |
| 0                | Normal Voltage    | 0.0025                          |                  |
| -10              | Normal Voltage    | 0.0018                          |                  |
| -20              | Normal Voltage    | 0.0008                          |                  |
| -30              | Normal Voltage    | 0.0017                          |                  |
| 20               | Maximum Voltage   | 0.0006                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0002                          |                  |

**Note:**

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions  | Middle Channel    | WCDMA Band IV<br>(RMC 12.2Kbps) | Limit<br>Note 2. |
|------------------|-------------------|---------------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                 | Result           |
| 50               | Normal Voltage    | 0.0040                          | PASS             |
| 40               | Normal Voltage    | 0.0042                          |                  |
| 30               | Normal Voltage    | 0.0044                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0001                          |                  |
| 0                | Normal Voltage    | 0.0008                          |                  |
| -10              | Normal Voltage    | 0.0043                          |                  |
| -20              | Normal Voltage    | 0.0046                          |                  |
| -30              | Normal Voltage    | 0.0007                          |                  |
| 20               | Maximum Voltage   | 0.0009                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0011                          |                  |

**Note:**

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.4V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |           |                     |        |
|-----------------|-----------|---------------------|--------|
| Test Engineer : | Jia Kuang | Temperature :       | 22~25℃ |
|                 |           | Relative Humidity : | 48~52% |

Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

| GSM850 (GSM) / ANT 31 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel               | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                | 1672.8            | -56.08      | -13           | -43.08            | -65.65            | -59.33             | 4.00                 | 9.40                  | H                  |
|                       | 2509.2            | -51.29      | -13           | -38.29            | -65.08            | -54.86             | 4.88                 | 10.60                 | H                  |
|                       | 3345.6            | -60.05      | -13           | -47.05            | -75.66            | -64.98             | 5.52                 | 12.60                 | H                  |
|                       | 4182              | -57.46      | -13           | -44.46            | -76.76            | -61.93             | 6.00                 | 12.62                 | H                  |
|                       | 5018.4            | -54.01      | -13           | -41.01            | -75.88            | -57.42             | 7.14                 | 12.70                 | H                  |
|                       | 5854.8            | -51.33      | -13           | -38.33            | -74.22            | -54.56             | 7.62                 | 13.00                 | H                  |
|                       | 1672.8            | -55.98      | -13           | -42.98            | -65.00            | -59.23             | 4.00                 | 9.40                  | V                  |
|                       | 2509.2            | -50.31      | -13           | -37.31            | -64.06            | -53.88             | 4.88                 | 10.60                 | V                  |
|                       | 3345.6            | -61.20      | -13           | -48.20            | -76.54            | -66.13             | 5.52                 | 12.60                 | V                  |
|                       | 4182              | -57.65      | -13           | -44.65            | -76.96            | -62.12             | 6.00                 | 12.62                 | V                  |
|                       | 5018.4            | -50.87      | -13           | -37.87            | -72.81            | -54.28             | 7.14                 | 12.70                 | V                  |
|                       | 5854.8            | -50.32      | -13           | -37.32            | -73.51            | -53.55             | 7.62                 | 13.00                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| GSM850 (EDGE 1 Tx slots) / ANT 31 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                           | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                            | 1672.8            | -54.90      | -13           | -41.90            | -64.47            | -58.15             | 4.00                 | 9.40                  | H                  |
|                                   | 2509.2            | -53.84      | -13           | -40.84            | -67.63            | -57.41             | 4.88                 | 10.60                 | H                  |
|                                   | 3345.6            | -59.43      | -13           | -46.43            | -75.04            | -64.36             | 5.52                 | 12.60                 | H                  |
|                                   | 4182              | -57.39      | -13           | -44.39            | -76.69            | -61.86             | 6.00                 | 12.62                 | H                  |
|                                   | 5018.4            | -54.25      | -13           | -41.25            | -76.12            | -57.66             | 7.14                 | 12.70                 | H                  |
|                                   | 5854.8            | -50.07      | -13           | -37.07            | -72.96            | -53.30             | 7.62                 | 13.00                 | H                  |
|                                   | 1672.8            | -57.28      | -13           | -44.28            | -66.30            | -60.53             | 4.00                 | 9.40                  | V                  |
|                                   | 2509.2            | -51.20      | -13           | -38.20            | -64.95            | -54.77             | 4.88                 | 10.60                 | V                  |
|                                   | 3345.6            | -61.53      | -13           | -48.53            | -76.87            | -66.46             | 5.52                 | 12.60                 | V                  |
|                                   | 4182              | -56.71      | -13           | -43.71            | -76.02            | -61.18             | 6.00                 | 12.62                 | V                  |
|                                   | 5018.4            | -51.18      | -13           | -38.18            | -73.12            | -54.59             | 7.14                 | 12.70                 | V                  |
|                                   | 5854.8            | -52.94      | -13           | -39.94            | -76.13            | -56.17             | 7.62                 | 13.00                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| GSM1900 (GSM) / ANT 31 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                 | 3760              | -56.63       | -13           | -43.63            | -74.75            | -63.38             | 5.85                 | 12.60                 | H                  |
|                        | 5640              | -48.97       | -13           | -35.97            | -71.83            | -54.77             | 7.30                 | 13.10                 | H                  |
|                        | 7520              | -54.95       | -13           | -41.95            | -80.77            | -58.10             | 8.35                 | 11.50                 | H                  |
|                        | 3760              | -57.87       | -13           | -44.87            | -75.92            | -64.62             | 5.85                 | 12.60                 | V                  |
|                        | 5640              | -53.65       | -13           | -40.65            | -75.76            | -59.45             | 7.30                 | 13.10                 | V                  |
|                        | 7520              | -54.96       | -13           | -41.96            | -80.76            | -58.11             | 8.35                 | 11.50                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| GSM1900 (EDGE 1 Tx slots) / ANT 31 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                             | 3760              | -56.52       | -13           | -43.52            | -74.64            | -63.27             | 5.85                 | 12.60                 | H                  |
|                                    | 5640              | -51.37       | -13           | -38.37            | -74.23            | -57.17             | 7.30                 | 13.10                 | H                  |
|                                    | 7520              | -54.77       | -13           | -41.77            | -80.59            | -57.92             | 8.35                 | 11.50                 | H                  |
|                                    | 3760              | -58.19       | -13           | -45.19            | -76.24            | -64.94             | 5.85                 | 12.60                 | V                  |
|                                    | 5640              | -52.35       | -13           | -39.35            | -74.46            | -58.15             | 7.30                 | 13.10                 | V                  |
|                                    | 7520              | -54.95       | -13           | -41.95            | -80.75            | -58.10             | 8.35                 | 11.50                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| WCDMA Band V(RMC 12.2Kbps) / ANT 31 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                             | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                              | 1672.8            | -62.10      | -13           | -49.10            | -71.67            | -65.35             | 4.00                 | 9.40                  | H                  |
|                                     | 2509.2            | -62.76      | -13           | -49.76            | -76.55            | -66.33             | 4.88                 | 10.60                 | H                  |
|                                     | 3345.6            | -62.13      | -13           | -49.13            | -77.74            | -67.06             | 5.52                 | 12.60                 | H                  |
|                                     | 1672.8            | -63.10      | -13           | -50.10            | -72.12            | -66.35             | 4.00                 | 9.40                  | V                  |
|                                     | 2509.2            | -62.76      | -13           | -49.76            | -76.51            | -66.33             | 4.88                 | 10.60                 | V                  |
|                                     | 3345.6            | -62.18      | -13           | -49.18            | -77.52            | -67.11             | 5.52                 | 12.60                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| WCDMA Band II(RMC 12.2Kbps) / ANT 31 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                              | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                               | 3760                 | -60.85          | -13              | -47.85                  | -78.97                  | -67.60                   | 5.85                       | 12.60                       | H                     |
|                                      | 5640                 | -58.26          | -13              | -45.26                  | -81.12                  | -64.06                   | 7.30                       | 13.10                       | H                     |
|                                      | 7520                 | -55.13          | -13              | -42.13                  | -80.95                  | -58.28                   | 8.35                       | 11.50                       | H                     |
|                                      | 3760                 | -60.56          | -13              | -47.56                  | -78.61                  | -67.31                   | 5.85                       | 12.60                       | V                     |
|                                      | 5640                 | -58.52          | -13              | -45.52                  | -80.63                  | -64.32                   | 7.30                       | 13.10                       | V                     |
|                                      | 7520                 | -54.92          | -13              | -41.92                  | -80.72                  | -58.07                   | 8.35                       | 11.50                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| WCDMA Band IV(RMC 12.2Kbps) / ANT 31 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                              | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                               | 3465.2               | -60.14          | -13              | -47.14                  | -76.81                  | -66.99                   | 5.65                       | 12.50                       | H                     |
|                                      | 5197.8               | -59.69          | -13              | -46.69                  | -81.23                  | -65.36                   | 7.13                       | 12.80                       | H                     |
|                                      | 6930.4               | -55.95          | -13              | -42.95                  | -81.29                  | -59.35                   | 8.40                       | 11.80                       | H                     |
|                                      | 3465.2               | -57.29          | -13              | -44.29                  | -73.98                  | -64.14                   | 5.65                       | 12.50                       | V                     |
|                                      | 5197.8               | -59.04          | -13              | -46.04                  | -80.89                  | -64.71                   | 7.13                       | 12.80                       | V                     |
|                                      | 6930.4               | -55.35          | -13              | -42.35                  | -81.16                  | -58.75                   | 8.40                       | 11.80                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.