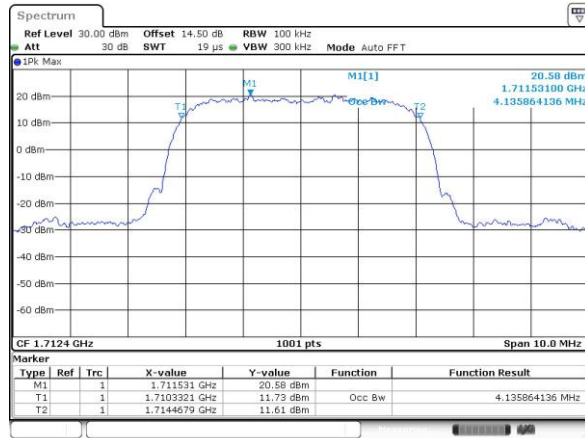




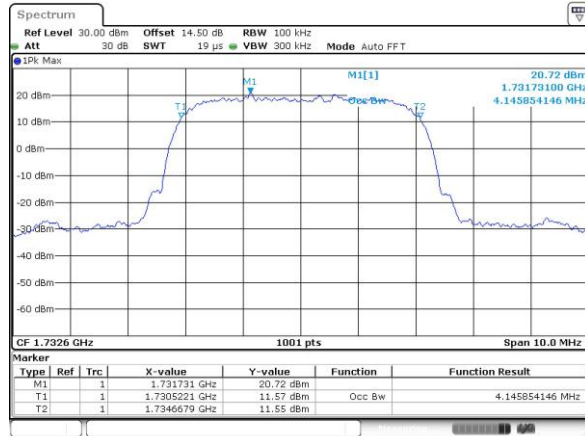
## WCDMA Band IV (RMC 12.2Kbps)

## Lowest Channel



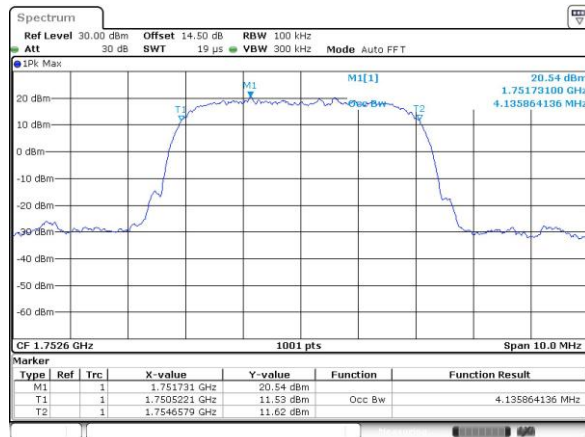
Date: 16, DEC, 2025 02:31:19

## Middle Channel



Date: 16, DEC, 2025 02:33:05

## Highest Channel



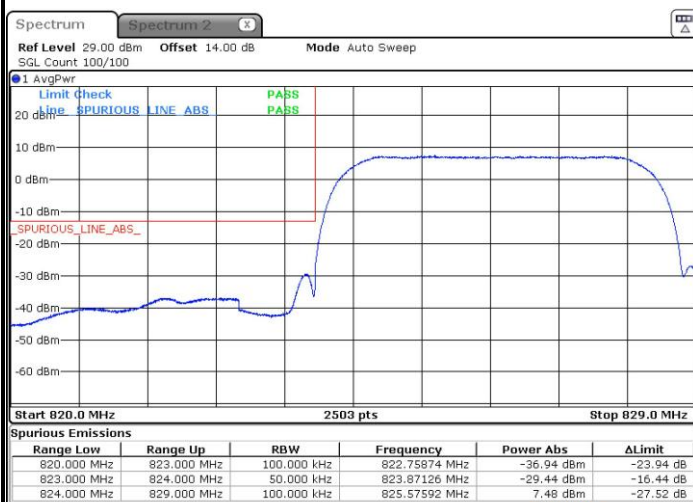
Date: 16, DEC, 2025 02:34:13



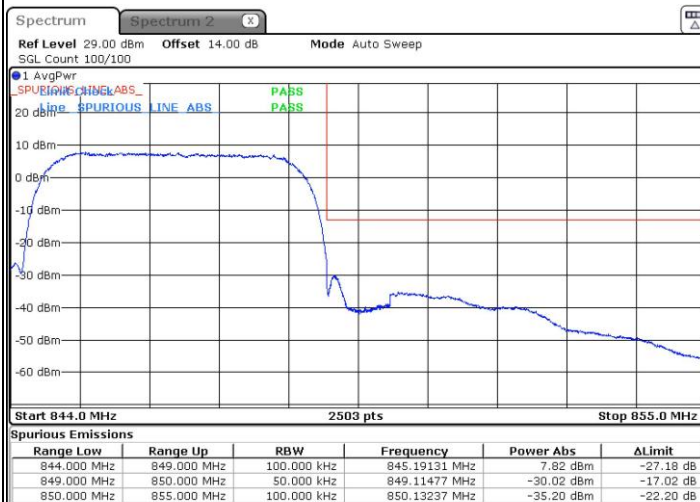
## Conducted Band Edge

### WCDMA Band V (RMC 12.2Kbps)

#### Lowest Band Edge

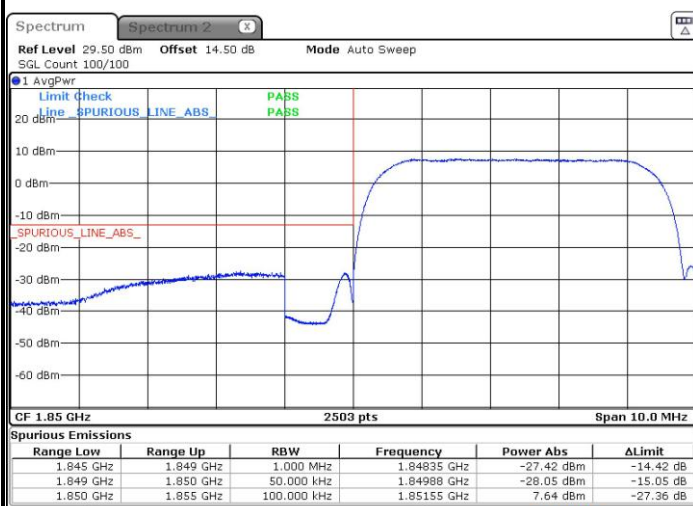


#### Highest Band Edge



### WCDMA Band II (RMC 12.2Kbps)

#### Lowest Band Edge



#### Highest Band Edge

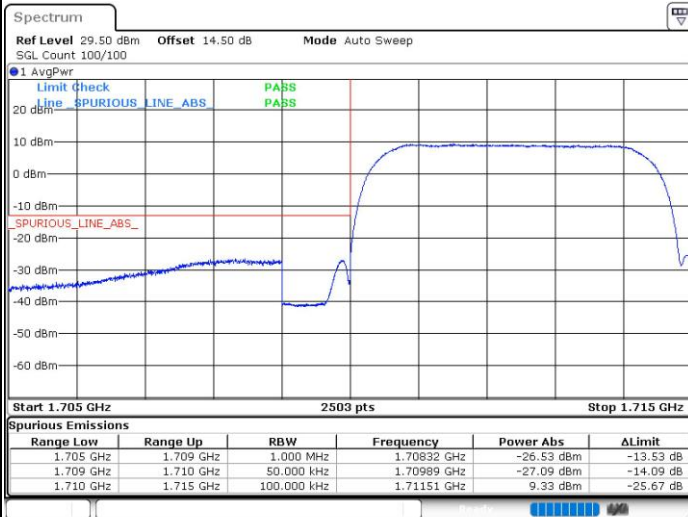




## WCDMA Band IV (RMC 12.2Kbps)

## Lowest Band Edge

## Highest Band Edge



Date: 16.DEC.2025 02:32:02



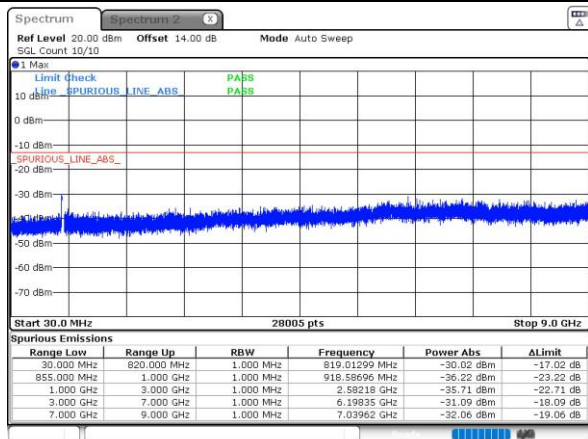
Date: 16.DEC.2025 02:40:46



# Conducted Spurious Emission

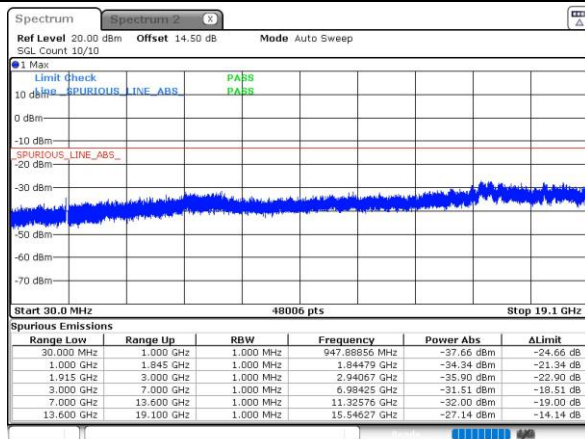
## WCDMA Band V (RMC 12.2Kbps)

### Lowest Channel

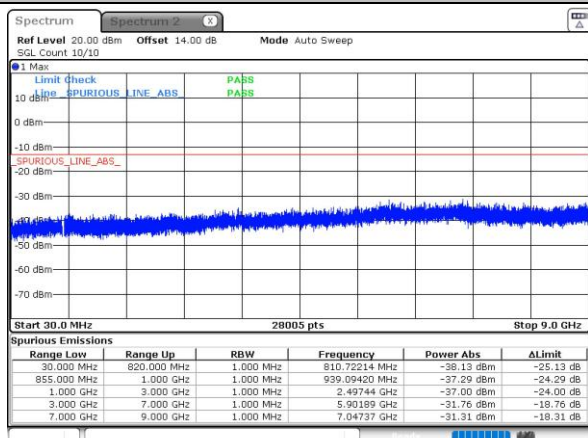


## WCDMA Band II (RMC 12.2Kbps)

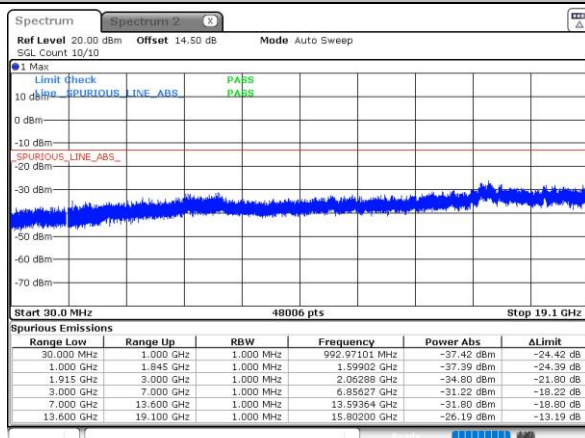
### Lowest Channel



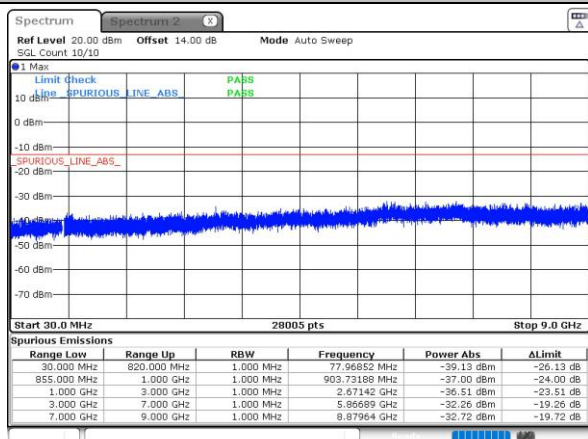
### Middle Channel



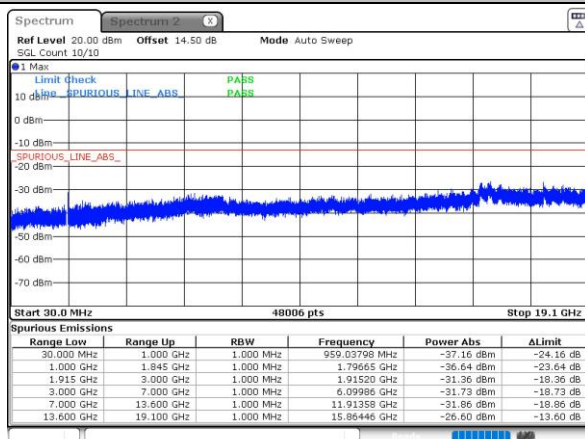
### Middle Channel



### Highest Channel



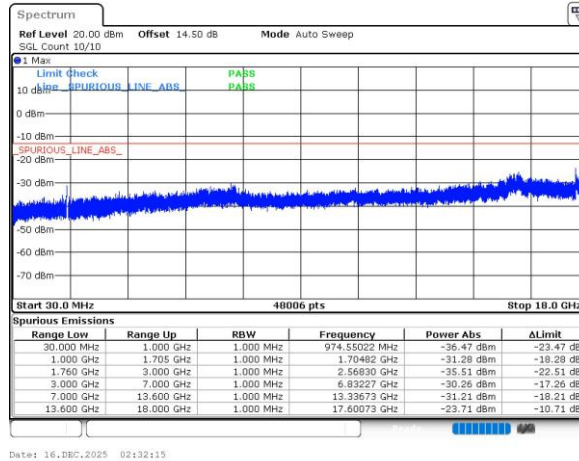
### Highest Channel



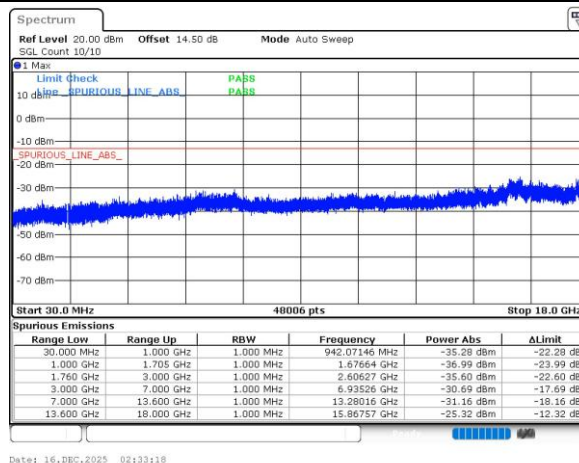


## WCDMA Band IV (RMC 12.2Kbps)

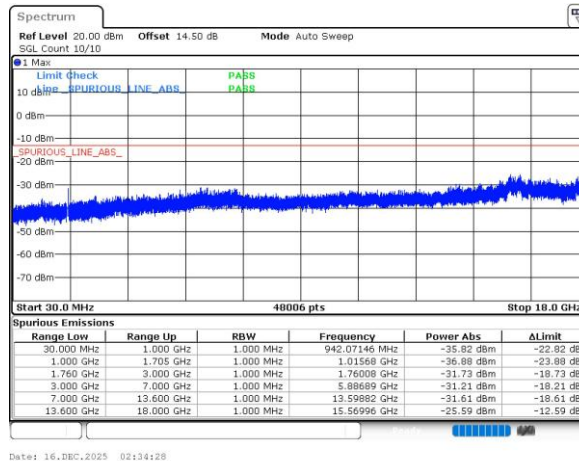
## Lowest Channel



## Middle Channel



## Highest Channel



**Frequency Stability**

| Test Conditions  | Middle Channel    | WCDMA Band V<br>(RMC 12.2KbpsRMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                            | Result          |
| 50               | Normal Voltage    | 0.0016                                     | PASS            |
| 40               | Normal Voltage    | 0.0078                                     |                 |
| 30               | Normal Voltage    | 0.0031                                     |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                                     |                 |
| 10               | Normal Voltage    | 0.0022                                     |                 |
| 0                | Normal Voltage    | 0.0032                                     |                 |
| -10              | Normal Voltage    | 0.0045                                     |                 |
| -20              | Normal Voltage    | 0.0051                                     |                 |
| -30              | Normal Voltage    | 0.0025                                     |                 |
| 20               | Maximum Voltage   | 0.0033                                     |                 |
| 20               | Normal Voltage    | 0.0000                                     |                 |
| 20               | Battery End Point | 0.0020                                     |                 |

| 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    | 0.0011                          | PASS             |
| 40               | Normal Voltage    | 0.0016                          |                  |
| 30               | Normal Voltage    | 0.0016                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0022                          |                  |
| 0                | Normal Voltage    | 0.0037                          |                  |
| -10              | Normal Voltage    | 0.0017                          |                  |
| -20              | Normal Voltage    | 0.0043                          |                  |
| -30              | Normal Voltage    | 0.0016                          |                  |
| 20               | Maximum Voltage   | 0.0014                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0019                          |                  |

**Note:**

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.4 V.; Maximum Voltage =4.48 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    | 0.0010                          | PASS             |
| 40               | Normal Voltage    | 0.0013                          |                  |
| 30               | Normal Voltage    | 0.0002                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0001                          |                  |
| 0                | Normal Voltage    | 0.0001                          |                  |
| -10              | Normal Voltage    | 0.0003                          |                  |
| -20              | Normal Voltage    | 0.0002                          |                  |
| -30              | Normal Voltage    | 0.0006                          |                  |
| 20               | Maximum Voltage   | 0.0003                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0006                          |                  |

**Note:**

1. Normal Voltage = 3.91 ; Battery End Point (BEP) = 3.4V.; Maximum Voltage =4.48
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 : | Wenbo Xiao | Temperature :       | 22~25°C |
|                 |            | Relative Humidity : | 48~52%  |

For Sample1:

| GSM850 (GSM) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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            | -66.39      | -13           | -53.39            | -75.96            | -69.64             | 4.00                 | 9.40                  | H                  |
|              | 2509.2            | -59.57      | -13           | -46.57            | -73.36            | -63.14             | 4.88                 | 10.60                 | H                  |
|              | 3345.6            | -63.14      | -13           | -50.14            | -78.75            | -68.07             | 5.52                 | 12.60                 | H                  |
|              | 1672.8            | -66.24      | -13           | -53.24            | -75.26            | -69.49             | 4.00                 | 9.40                  | V                  |
|              | 2509.2            | -61.99      | -13           | -48.99            | -75.74            | -65.56             | 4.88                 | 10.60                 | V                  |
|              | 3345.6            | -63.05      | -13           | -50.05            | -78.39            | -67.98             | 5.52                 | 12.60                 | V                  |

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

| GSM1900 (GSM) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -61.47       | -13           | -48.47            | -79.59            | -68.22             | 5.85                 | 12.60                 | H                  |
|               | 5640              | -58.66       | -13           | -45.66            | -81.52            | -64.46             | 7.30                 | 13.10                 | H                  |
|               | 7520              | -55.78       | -13           | -42.78            | -81.60            | -58.93             | 8.35                 | 11.50                 | H                  |
|               | 3760              | -61.23       | -13           | -48.23            | -79.28            | -67.98             | 5.85                 | 12.60                 | V                  |
|               | 5640              | -59.87       | -13           | -46.87            | -81.98            | -65.67             | 7.30                 | 13.10                 | V                  |
|               | 7520              | -55.72       | -13           | -42.72            | -81.52            | -58.87             | 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) |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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            | -66.39      | -13           | -53.39            | -75.96            | -69.64             | 4.00                 | 9.40                  | H                  |
|                            | 2509.2            | -63.26      | -13           | -50.26            | -77.05            | -66.83             | 4.88                 | 10.60                 | H                  |
|                            | 3345.6            | -62.89      | -13           | -49.89            | -78.50            | -67.82             | 5.52                 | 12.60                 | H                  |
|                            | 1672.8            | -66.96      | -13           | -53.96            | -75.98            | -70.21             | 4.00                 | 9.40                  | V                  |
|                            | 2509.2            | -63.81      | -13           | -50.81            | -77.56            | -67.38             | 4.88                 | 10.60                 | V                  |
|                            | 3345.6            | -63.12      | -13           | -50.12            | -78.46            | -68.05             | 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) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -61.44          | -13              | -48.44                  | -79.56                  | -68.19                   | 5.85                       | 12.60                       | H                     |
|                             | 5640                 | -58.76          | -13              | -45.76                  | -81.62                  | -64.56                   | 7.30                       | 13.10                       | H                     |
|                             | 7520                 | -56.10          | -13              | -43.10                  | -81.92                  | -59.25                   | 8.35                       | 11.50                       | H                     |
|                             | 3760                 | -61.42          | -13              | -48.42                  | -79.47                  | -68.17                   | 5.85                       | 12.60                       | V                     |
|                             | 5640                 | -59.36          | -13              | -46.36                  | -81.47                  | -65.16                   | 7.30                       | 13.10                       | V                     |
|                             | 7520                 | -56.17          | -13              | -43.17                  | -81.97                  | -59.32                   | 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) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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               | -62.65          | -13              | -49.65                  | -79.32                  | -69.50                   | 5.65                       | 12.50                       | H                     |
|                             | 5197.8               | -60.67          | -13              | -47.67                  | -82.21                  | -66.34                   | 7.13                       | 12.80                       | H                     |
|                             | 6930.4               | -56.73          | -13              | -43.73                  | -82.07                  | -60.13                   | 8.40                       | 11.80                       | H                     |
|                             | 3465.2               | -62.74          | -13              | -49.74                  | -79.43                  | -69.59                   | 5.65                       | 12.50                       | V                     |
|                             | 5197.8               | -60.50          | -13              | -47.50                  | -82.35                  | -66.17                   | 7.13                       | 12.80                       | V                     |
|                             | 6930.4               | -56.21          | -13              | -43.21                  | -82.02                  | -59.61                   | 8.40                       | 11.80                       | V                     |

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

**For Sample2:**

| GSM1900 (GSM) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -61.33          | -13              | -48.33                  | -79.45                  | -68.08                   | 5.85                       | 12.60                       | H                     |
|               | 5640                 | -58.78          | -13              | -45.78                  | -81.64                  | -64.58                   | 7.30                       | 13.10                       | H                     |
|               | 7520                 | -55.89          | -13              | -42.89                  | -81.71                  | -59.04                   | 8.35                       | 11.50                       | H                     |
|               | 3760                 | -61.66          | -13              | -48.66                  | -79.71                  | -68.41                   | 5.85                       | 12.60                       | V                     |
|               | 5640                 | -59.19          | -13              | -46.19                  | -81.3                   | -64.99                   | 7.30                       | 13.10                       | V                     |
|               | 7520                 | -55.90          | -13              | -42.90                  | -81.7                   | -59.05                   | 8.35                       | 11.50                       | V                     |

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

| WCDMA Band II(RMC 12.2Kbps) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -61.76          | -13              | -48.76                  | -79.88                  | -68.51                   | 5.85                       | 12.60                       | H                     |
|                             | 5640                 | -59.12          | -13              | -46.12                  | -81.98                  | -64.92                   | 7.30                       | 13.10                       | H                     |
|                             | 7520                 | -55.95          | -13              | -42.95                  | -81.77                  | -59.10                   | 8.35                       | 11.50                       | H                     |
|                             | 3760                 | -61.61          | -13              | -48.61                  | -79.66                  | -68.36                   | 5.85                       | 12.60                       | V                     |
|                             | 5640                 | -59.58          | -13              | -46.58                  | -81.69                  | -65.38                   | 7.30                       | 13.10                       | V                     |
|                             | 7520                 | -56.05          | -13              | -43.05                  | -81.85                  | -59.20                   | 8.35                       | 11.50                       | V                     |

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