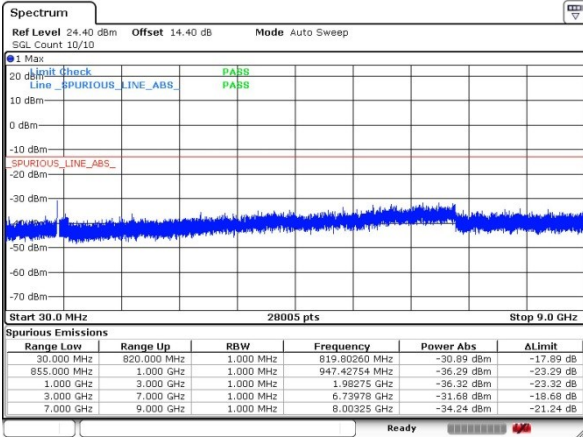




## CDMA BC0 (1xRTT)

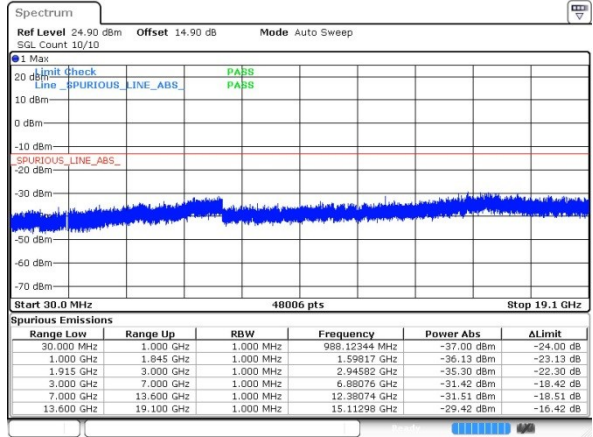
## Lowest Channel



Date: 7 JAN 2018 04:24:17

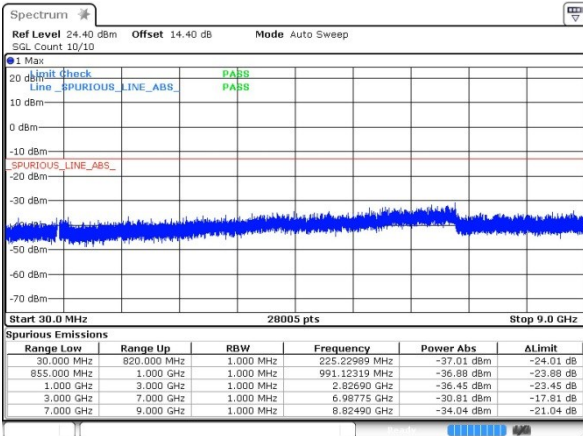
## CDMA BC1 (1xRTT)

## Lowest Channel



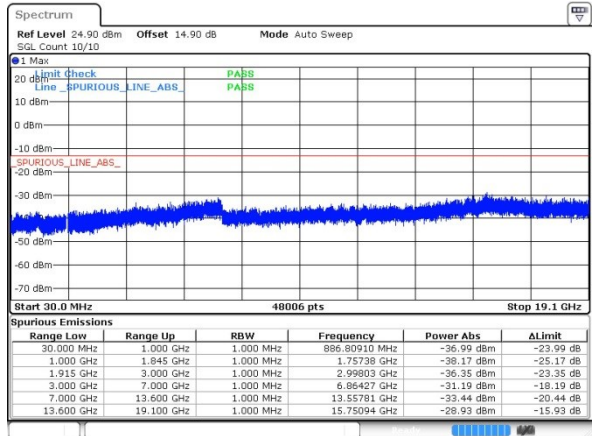
Date: 7 JAN 2018 04:59:37

## Middle Channel



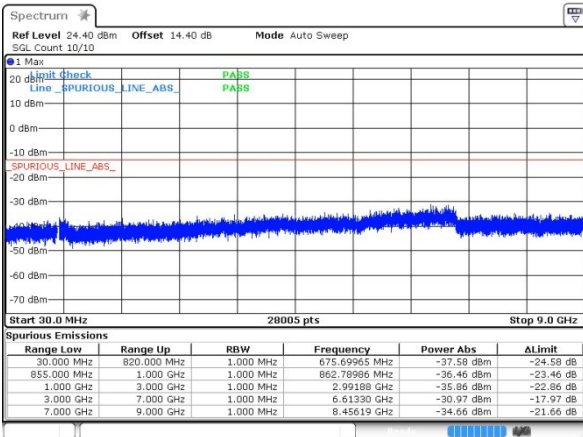
Date: 7 JAN 2018 04:25:42

## Middle Channel



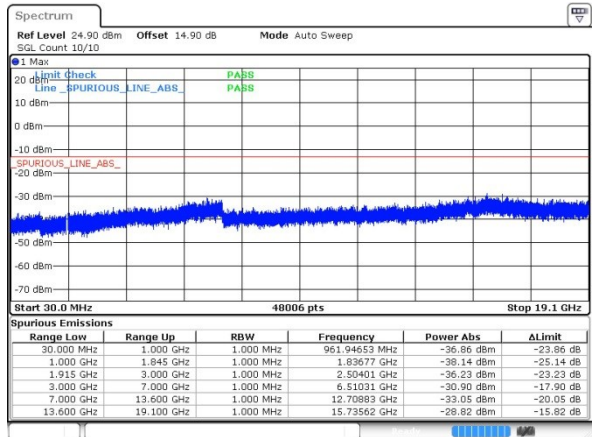
Date: 7 JAN 2018 05:01:00

## Highest Channel



Date: 7 JAN 2018 04:27:04

## Highest Channel

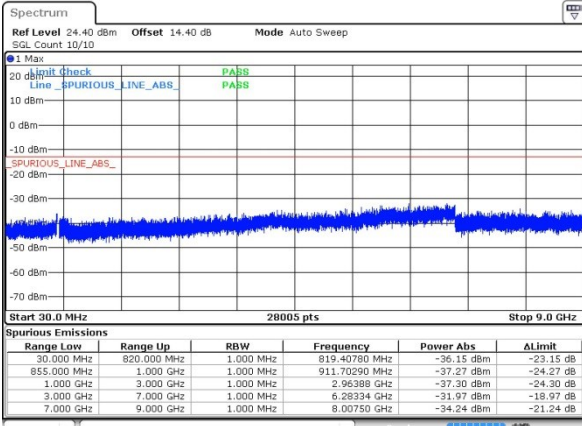


Date: 7 JAN 2018 05:02:22



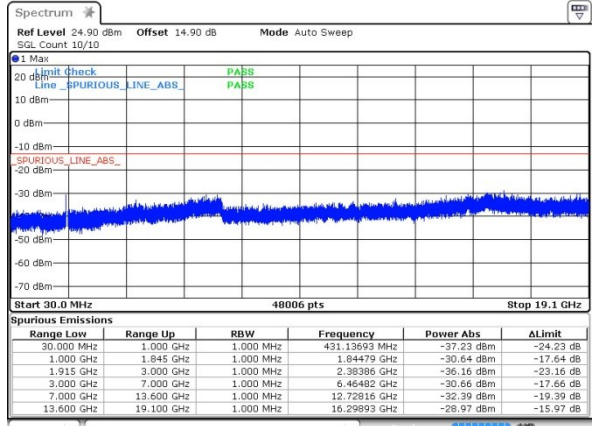
## WCDMA Band V (RMC 12.2Kbps)

## Lowest Channel

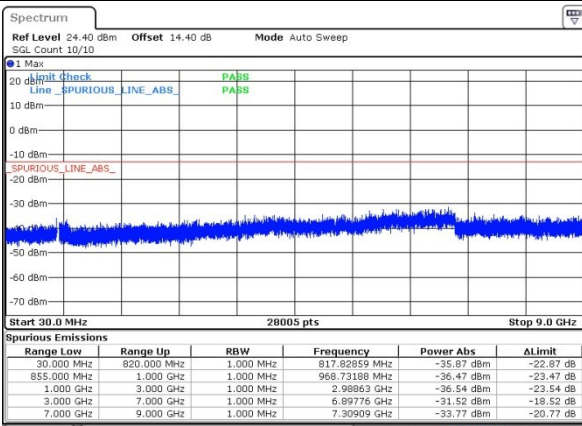


## WCDMA Band II (RMC 12.2Kbps)

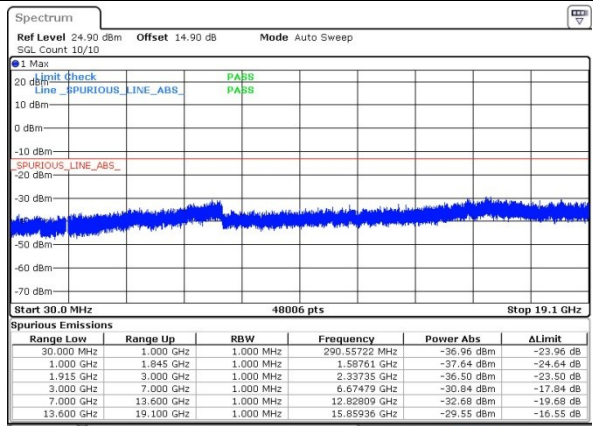
## Lowest Channel



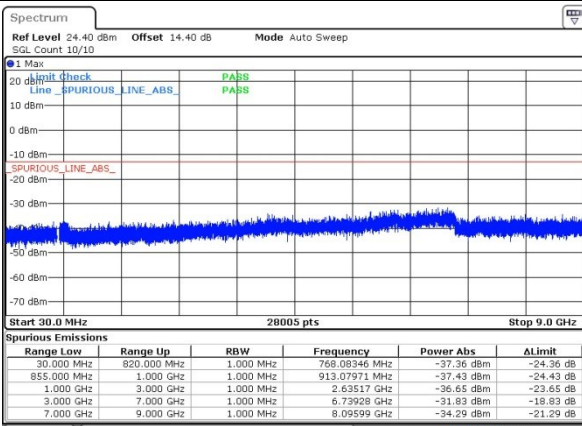
## Middle Channel



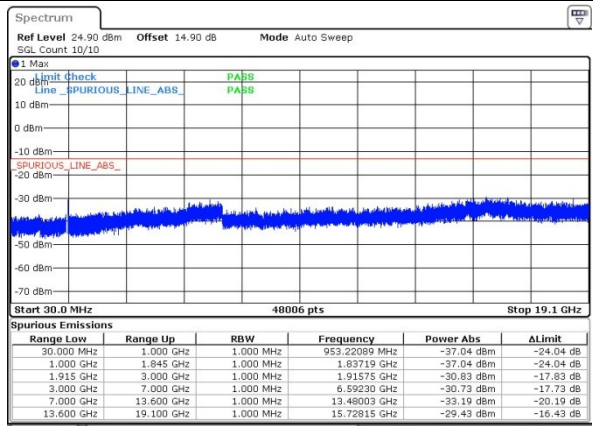
## Middle Channel



## Highest Channel



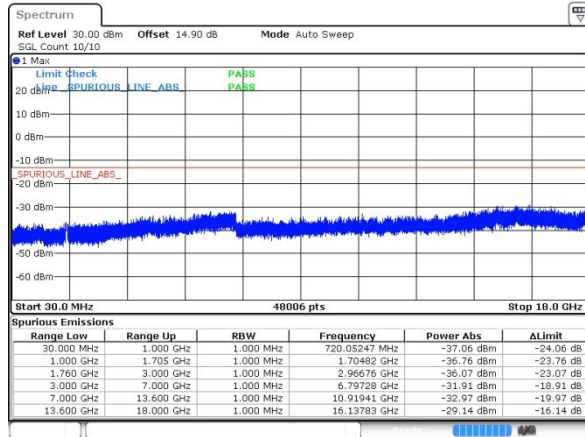
## Highest Channel



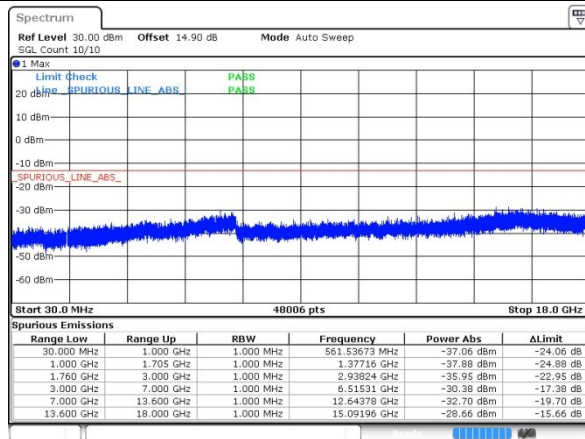


## WCDMA Band IV (RMC 12.2Kbps)

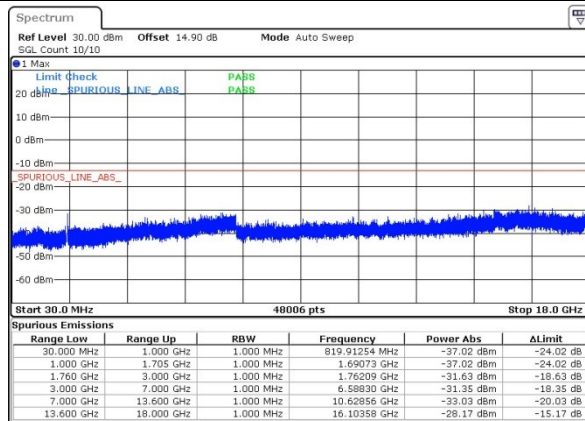
## Lowest Channel



## Middle Channel



## Highest Channel



**Frequency Stability**

| Test Conditions  | Middle Channel    | GSM850<br>(GSM) | GSM850<br>(EDGE class 8) | Limit<br>2.5ppm |
|------------------|-------------------|-----------------|--------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm) |                          | Result          |
| 50               | Normal Voltage    | 0.0036          | 0.0155                   | PASS            |
| 40               | Normal Voltage    | 0.0407          | 0.0072                   |                 |
| 30               | Normal Voltage    | 0.0012          | 0.0299                   |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000          | 0.0000                   |                 |
| 10               | Normal Voltage    | 0.0371          | 0.0096                   |                 |
| 0                | Normal Voltage    | 0.0227          | 0.0335                   |                 |
| -10              | Normal Voltage    | 0.0215          | 0.0227                   |                 |
| -20              | Normal Voltage    | 0.0012          | 0.0072                   |                 |
| -30              | Normal Voltage    | 0.0024          | 0.0239                   |                 |
| 20               | Maximum Voltage   | 0.0036          | 0.0143                   |                 |
| 20               | Normal Voltage    | 0.0036          | 0.0108                   |                 |
| 20               | Battery End Point | 0.0191          | 0.0120                   |                 |

**Note:** Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V

| Test Conditions  | Middle Channel    | GSM1900<br>(GSM) | GSM1900<br>(EDGE class 8) | Limit<br>Note 2. |
|------------------|-------------------|------------------|---------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)  |                           | Result           |
| 50               | Normal Voltage    | 0.0160           | 0.0064                    | PASS             |
| 40               | Normal Voltage    | 0.0011           | 0.0176                    |                  |
| 30               | Normal Voltage    | 0.0048           | 0.0122                    |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000           | 0.0000                    |                  |
| 10               | Normal Voltage    | 0.0176           | 0.0144                    |                  |
| 0                | Normal Voltage    | 0.0138           | 0.0154                    |                  |
| -10              | Normal Voltage    | 0.0011           | 0.0165                    |                  |
| -20              | Normal Voltage    | 0.0133           | 0.0101                    |                  |
| -30              | Normal Voltage    | 0.0016           | 0.0186                    |                  |
| 20               | Maximum Voltage   | 0.0160           | 0.0106                    |                  |
| 20               | Normal Voltage    | 0.0005           | 0.0027                    |                  |
| 20               | Battery End Point | 0.0037           | 0.0016                    |                  |

**Note:**

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions  | Middle Channel    | CDMA BC0<br>(1xRTT) | Limit<br>2.5ppm |
|------------------|-------------------|---------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)     | Result          |
| 50               | Normal Voltage    | 0.0012              | PASS            |
| 40               | Normal Voltage    | 0.0155              |                 |
| 30               | Normal Voltage    | 0.0072              |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000              |                 |
| 10               | Normal Voltage    | 0.0048              |                 |
| 0                | Normal Voltage    | 0.0215              |                 |
| -10              | Normal Voltage    | 0.0048              |                 |
| -20              | Normal Voltage    | 0.0179              |                 |
| -30              | Normal Voltage    | 0.0251              |                 |
| 20               | Maximum Voltage   | 0.0024              |                 |
| 20               | Normal Voltage    | 0.0084              |                 |
| 20               | Battery End Point | 0.0191              |                 |

**Note:** Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V

| Test Conditions  | Middle Channel    | CDMA BC1<br>(1xRTT) | Limit<br>Note 2. |
|------------------|-------------------|---------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)     | Result           |
| 50               | Normal Voltage    | 0.0037              | PASS             |
| 40               | Normal Voltage    | 0.0027              |                  |
| 30               | Normal Voltage    | 0.0011              |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000              |                  |
| 10               | Normal Voltage    | 0.0064              |                  |
| 0                | Normal Voltage    | 0.0085              |                  |
| -10              | Normal Voltage    | 0.0005              |                  |
| -20              | Normal Voltage    | 0.0096              |                  |
| -30              | Normal Voltage    | 0.0128              |                  |
| 20               | Maximum Voltage   | 0.0021              |                  |
| 20               | Normal Voltage    | 0.0133              |                  |
| 20               | Battery End Point | 0.0011              |                  |

**Note:**

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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 V<br>(RMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                | Result          |
| 50               | Normal Voltage    | 0.0155                         | PASS            |
| 40               | Normal Voltage    | 0.0418                         |                 |
| 30               | Normal Voltage    | 0.0395                         |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                         |                 |
| 10               | Normal Voltage    | 0.0179                         |                 |
| 0                | Normal Voltage    | 0.0359                         |                 |
| -10              | Normal Voltage    | 0.0012                         |                 |
| -20              | Normal Voltage    | 0.0203                         |                 |
| -30              | Normal Voltage    | 0.0311                         |                 |
| 20               | Maximum Voltage   | 0.0514                         |                 |
| 20               | Normal Voltage    | 0.0191                         |                 |
| 20               | Battery End Point | 0.0048                         |                 |

**Note:** Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V

| 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    | 0.0112                          | PASS             |
| 40               | Normal Voltage    | 0.0101                          |                  |
| 30               | Normal Voltage    | 0.0021                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0005                          |                  |
| 0                | Normal Voltage    | 0.0016                          |                  |
| -10              | Normal Voltage    | 0.0080                          |                  |
| -20              | Normal Voltage    | 0.0032                          |                  |
| -30              | Normal Voltage    | 0.0000                          |                  |
| 20               | Maximum Voltage   | 0.0021                          |                  |
| 20               | Normal Voltage    | 0.0080                          |                  |
| 20               | Battery End Point | 0.0096                          |                  |

**Note:**

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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    | 0.0144                          | PASS             |
| 40               | Normal Voltage    | 0.0133                          |                  |
| 30               | Normal Voltage    | 0.0012                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0110                          |                  |
| 0                | Normal Voltage    | 0.0075                          |                  |
| -10              | Normal Voltage    | 0.0040                          |                  |
| -20              | Normal Voltage    | 0.0006                          |                  |
| -30              | Normal Voltage    | 0.0069                          |                  |
| 20               | Maximum Voltage   | 0.0069                          |                  |
| 20               | Normal Voltage    | 0.0098                          |                  |
| 20               | Battery End Point | 0.0023                          |                  |

**Note:**

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
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

| GSM850 (GSM) |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel      | Frequency<br>( MHz ) | ERP<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) |
| Lowest       | 1648                 | -58.73         | -13              | -45.73                  | -59.05                  | -60.64                   | 1.14                       | 5.20                        | H                     |
|              | 2472                 | -42.79         | -13              | -29.79                  | -49.60                  | -45.42                   | 1.12                       | 5.90                        | H                     |
|              | 3297                 | -61.97         | -13              | -48.97                  | -66.09                  | -65.18                   | 1.34                       | 6.70                        | H                     |
|              | 1648                 | -53.80         | -13              | -40.80                  | -53.44                  | -55.71                   | 1.14                       | 5.20                        | V                     |
|              | 2472                 | -38.56         | -13              | -25.56                  | -46.25                  | -41.19                   | 1.12                       | 5.90                        | V                     |
|              | 3297                 | -58.50         | -13              | -45.50                  | -63.64                  | -61.71                   | 1.34                       | 6.70                        | V                     |
| Middle       | 1672                 | -58.76         | -13              | -45.76                  | -59.08                  | -60.67                   | 1.14                       | 5.20                        | H                     |
|              | 2510                 | -24.43         | -13              | -11.43                  | -32.23                  | -27.06                   | 1.12                       | 5.90                        | H                     |
|              | 3345                 | -58.50         | -13              | -45.50                  | -62.62                  | -61.71                   | 1.34                       | 6.70                        | H                     |
|              | 1672                 | -55.54         | -13              | -42.54                  | -54.64                  | -57.45                   | 1.14                       | 5.20                        | V                     |
|              | 2510                 | -22.73         | -13              | -9.73                   | -31.26                  | -25.36                   | 1.12                       | 5.90                        | V                     |
|              | 3345                 | -58.95         | -13              | -45.95                  | -64.09                  | -62.16                   | 1.34                       | 6.70                        | V                     |
| Highest      | 1698                 | -58.16         | -13              | -45.16                  | -58.48                  | -60.07                   | 1.14                       | 5.20                        | H                     |
|              | 2546                 | -18.74         | -13              | -5.74                   | -26.58                  | -21.37                   | 1.12                       | 5.90                        | H                     |
|              | 3396                 | -57.51         | -13              | -44.51                  | -61.63                  | -60.72                   | 1.34                       | 6.70                        | H                     |
|              | 1698                 | -56.27         | -13              | -43.27                  | -55.37                  | -58.18                   | 1.14                       | 5.20                        | V                     |
|              | 2546                 | -18.74         | -13              | -5.74                   | -27.32                  | -21.37                   | 1.12                       | 5.90                        | V                     |
|              | 3396                 | -55.17         | -13              | -42.17                  | -60.31                  | -58.38                   | 1.34                       | 6.70                        | V                     |

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





| GSM850 (EDGE class 8) |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                | 1648              | -62.14      | -13           | -49.14            | -62.46            | -64.05             | 1.14                 | 5.20                  | H                  |
|                       | 2472              | -55.57      | -13           | -42.57            | -59.87            | -58.20             | 1.12                 | 5.90                  | H                  |
|                       | 3297              | -62.07      | -13           | -49.07            | -66.19            | -65.28             | 1.34                 | 6.70                  | H                  |
|                       | 1648              | -59.05      | -13           | -46.05            | -58.15            | -60.96             | 1.14                 | 5.20                  | V                  |
|                       | 2472              | -54.46      | -13           | -41.46            | -57.53            | -57.09             | 1.12                 | 5.90                  | V                  |
|                       | 3297              | -60.60      | -13           | -47.60            | -65.74            | -63.81             | 1.34                 | 6.70                  | V                  |
| Middle                | 1672              | -61.86      | -13           | -48.86            | -62.18            | -63.77             | 1.14                 | 5.20                  | H                  |
|                       | 2510              | -46.04      | -13           | -33.04            | -52.11            | -48.67             | 1.12                 | 5.90                  | H                  |
|                       | 3345              | -61.68      | -13           | -48.68            | -65.80            | -64.89             | 1.34                 | 6.70                  | H                  |
|                       | 1672.8            | -62.97      | -13           | -49.97            | -62.07            | -64.88             | 1.14                 | 5.20                  | V                  |
|                       | 2510              | -48.48      | -13           | -35.48            | -54.15            | -51.11             | 1.12                 | 5.90                  | V                  |
|                       | 3345              | -61.19      | -13           | -48.19            | -66.33            | -64.40             | 1.34                 | 6.70                  | V                  |
| Highest               | 1698              | -61.90      | -13           | -48.90            | -62.22            | -63.81             | 1.14                 | 5.20                  | H                  |
|                       | 2546              | -40.64      | -13           | -27.64            | -47.76            | -43.27             | 1.12                 | 5.90                  | H                  |
|                       | 3396              | -62.38      | -13           | -49.38            | -66.50            | -65.59             | 1.34                 | 6.70                  | H                  |
|                       | 1698              | -61.65      | -13           | -48.65            | -60.75            | -63.56             | 1.14                 | 5.20                  | V                  |
|                       | 2546              | -37.87      | -13           | -24.87            | -45.76            | -40.50             | 1.12                 | 5.90                  | V                  |
|                       | 3396              | -59.80      | -13           | -46.80            | -64.94            | -63.01             | 1.34                 | 6.70                  | V                  |

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



| 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) |
| Lowest        | 3699                 | -34.81          | -13              | -21.81                  | -51.12                  | -36.53                   | 5.08                       | 6.80                        | H                     |
|               | 5550                 | -46.80          | -13              | -33.80                  | -63.60                  | -48.47                   | 8.03                       | 9.70                        | H                     |
|               | 7401                 | -51.90          | -13              | -38.90                  | -73.20                  | -54.28                   | 9.43                       | 11.81                       | H                     |
|               | 3699                 | -43.31          | -13              | -30.31                  | -57.6                   | -45.03                   | 5.08                       | 6.80                        | V                     |
|               | 5550                 | -51.36          | -13              | -38.36                  | -68.45                  | -53.03                   | 8.03                       | 9.70                        | V                     |
|               | 7401                 | -50.46          | -13              | -37.46                  | -71.6                   | -52.84                   | 9.43                       | 11.81                       | V                     |
| Middle        | 3759                 | -31.23          | -13              | -18.23                  | -47.53                  | -32.95                   | 5.08                       | 6.80                        | H                     |
|               | 5640                 | -43.21          | -13              | -30.21                  | -60.01                  | -44.88                   | 8.03                       | 9.70                        | H                     |
|               | 7521                 | -47.17          | -13              | -34.17                  | -68.47                  | -49.55                   | 9.43                       | 11.81                       | H                     |
|               | 3759                 | -37.88          | -13              | -24.88                  | -53.66                  | -39.60                   | 5.08                       | 6.80                        | V                     |
|               | 5640                 | -47.93          | -13              | -34.93                  | -65.02                  | -49.60                   | 8.03                       | 9.70                        | V                     |
|               | 7521                 | -50.50          | -13              | -37.50                  | -71.64                  | -52.88                   | 9.43                       | 11.81                       | V                     |
| Highest       | 3819                 | -33.93          | -13              | -20.93                  | -50.29                  | -35.65                   | 5.08                       | 6.80                        | H                     |
|               | 5730                 | -46.32          | -13              | -33.32                  | -63.12                  | -47.99                   | 8.03                       | 9.70                        | H                     |
|               | 7638                 | -48.65          | -13              | -35.65                  | -69.95                  | -51.03                   | 9.43                       | 11.81                       | H                     |
|               | 3819                 | -38.43          | -13              | -25.43                  | -54.09                  | -40.15                   | 5.08                       | 6.80                        | V                     |
|               | 5730                 | -50.66          | -13              | -37.66                  | -67.75                  | -52.33                   | 8.03                       | 9.70                        | V                     |
|               | 7638                 | -51.67          | -13              | -38.67                  | -72.81                  | -54.05                   | 9.43                       | 11.81                       | V                     |

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



| GSM1900 (EDGE class 8) |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                 | 3699              | -37.82       | -13           | -24.82            | -53.50            | -39.54             | 5.08                 | 6.80                  | H                  |
|                        | 5550              | -50.44       | -13           | -37.44            | -67.24            | -52.11             | 8.03                 | 9.70                  | H                  |
|                        | 7401              | -51.36       | -13           | -38.36            | -72.66            | -53.74             | 9.43                 | 11.81                 | H                  |
|                        | 3699              | -49.65       | -13           | -36.65            | -62.08            | -51.36             | 5.08                 | 6.80                  | V                  |
|                        | 5550.6            | -53.81       | -13           | -40.81            | -70.9             | -55.48             | 8.03                 | 9.70                  | V                  |
|                        | 7401              | -50.63       | -13           | -37.63            | -71.77            | -53.01             | 9.43                 | 11.81                 | V                  |
| Middle                 | 3759              | -39.15       | -13           | -26.15            | -54.41            | -40.87             | 5.08                 | 6.80                  | H                  |
|                        | 5640              | -46.56       | -13           | -33.56            | -63.36            | -48.23             | 8.03                 | 9.70                  | H                  |
|                        | 7521              | -50.60       | -13           | -37.60            | -71.90            | -52.98             | 9.43                 | 11.81                 | H                  |
|                        | 3759              | -43.84       | -13           | -30.84            | -58               | -45.56             | 5.08                 | 6.80                  | V                  |
|                        | 5640              | -51.87       | -13           | -38.87            | -68.96            | -53.54             | 8.03                 | 9.70                  | V                  |
|                        | 7521              | -51.72       | -13           | -38.72            | -72.86            | -54.10             | 9.43                 | 11.81                 | V                  |
| Highest                | 3819              | -42.02       | -13           | -29.02            | -56.54            | -43.74             | 5.08                 | 6.80                  | H                  |
|                        | 5730              | -52.60       | -13           | -39.60            | -69.40            | -54.27             | 8.03                 | 9.70                  | H                  |
|                        | 7638              | -51.15       | -13           | -38.15            | -72.45            | -53.53             | 9.43                 | 11.81                 | H                  |
|                        | 3819              | -48.41       | -13           | -35.41            | -60.84            | -50.12             | 5.08                 | 6.80                  | V                  |
|                        | 5730              | -52.73       | -13           | -39.73            | -69.82            | -54.40             | 8.03                 | 9.70                  | V                  |
|                        | 7638              | -50.38       | -13           | -37.38            | -71.52            | -52.76             | 9.43                 | 11.81                 | V                  |

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



| CDMA BC0(1xRTT) |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel         | Frequency<br>( MHz ) | ERP<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) |
| Lowest          | 1650                 | -34.21         | -13              | -21.21                  | -41.15                  | -36.12                   | 1.14                       | 5.20                        | H                     |
|                 | 2476                 | -49.69         | -13              | -36.69                  | -60.80                  | -52.32                   | 1.12                       | 5.90                        | H                     |
|                 | 3300                 | -57.80         | -13              | -44.80                  | -67.77                  | -61.01                   | 1.34                       | 6.70                        | H                     |
|                 | 1650                 | -36.34         | -13              | -23.34                  | -43.31                  | -38.25                   | 1.14                       | 5.20                        | V                     |
|                 | 2474                 | -52.48         | -13              | -39.48                  | -62.14                  | -55.11                   | 1.12                       | 5.90                        | V                     |
|                 | 3300                 | -58.71         | -13              | -45.71                  | -68.84                  | -61.92                   | 1.34                       | 6.70                        | V                     |
| Middle          | 1674                 | -36.36         | -13              | -23.36                  | -43.15                  | -38.27                   | 1.14                       | 5.20                        | H                     |
|                 | 2510                 | -47.25         | -13              | -34.25                  | -57.36                  | -49.88                   | 1.12                       | 5.90                        | H                     |
|                 | 3345                 | -57.92         | -13              | -44.92                  | -67.89                  | -61.13                   | 1.34                       | 6.70                        | H                     |
|                 | 1672                 | -35.41         | -13              | -22.41                  | -42.41                  | -37.32                   | 1.14                       | 5.20                        | V                     |
|                 | 2510                 | -48.73         | -13              | -35.73                  | -58.72                  | -51.36                   | 1.12                       | 5.90                        | V                     |
|                 | 3345                 | -59.79         | -13              | -46.79                  | -69.92                  | -63.00                   | 1.34                       | 6.70                        | V                     |
| Highest         | 1696                 | -45.02         | -13              | -32.02                  | -51.23                  | -46.93                   | 1.14                       | 5.20                        | H                     |
|                 | 2544                 | -55.39         | -13              | -42.39                  | -66.50                  | -58.02                   | 1.12                       | 5.90                        | H                     |
|                 | 3393                 | -60.32         | -13              | -47.32                  | -70.29                  | -63.53                   | 1.34                       | 6.70                        | H                     |
|                 | 1696                 | -44.09         | -13              | -31.09                  | -50.56                  | -46.00                   | 1.14                       | 5.20                        | V                     |
|                 | 2544                 | -55.07         | -13              | -42.07                  | -64.73                  | -57.70                   | 1.12                       | 5.90                        | V                     |
|                 | 3393                 | -61.04         | -13              | -48.04                  | -71.17                  | -64.25                   | 1.34                       | 6.70                        | V                     |

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



| CDMA BC1(1xRTT) |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel         | Frequency<br>( MHz ) | ERP<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) |
| Lowest          | 3702                 | -48.52         | -13              | -35.52                  | -62.76                  | -50.23                   | 5.08                       | 6.80                        | H                     |
|                 | 5553                 | -55.49         | -13              | -42.49                  | -72.29                  | -57.16                   | 8.03                       | 9.70                        | H                     |
|                 | 7404                 | -50.26         | -13              | -37.26                  | -71.56                  | -52.64                   | 9.43                       | 11.81                       | H                     |
|                 | 3702                 | -55.31         | -13              | -42.31                  | -67.74                  | -57.02                   | 5.08                       | 6.80                        | V                     |
|                 | 5553                 | -55.66         | -13              | -42.66                  | -72.75                  | -57.33                   | 8.03                       | 9.70                        | V                     |
|                 | 7404                 | -50.92         | -13              | -37.92                  | -72.06                  | -53.30                   | 9.43                       | 11.81                       | V                     |
| Middle          | 3762                 | -33.11         | -13              | -20.11                  | -49.54                  | -34.82                   | 5.08                       | 6.80                        | H                     |
|                 | 5640                 | -53.29         | -13              | -40.29                  | -70.09                  | -54.96                   | 8.03                       | 9.70                        | H                     |
|                 | 7521                 | -51.31         | -13              | -38.31                  | -72.61                  | -53.69                   | 9.43                       | 11.81                       | H                     |
|                 | 3759                 | -38.85         | -13              | -25.85                  | -54.4                   | -40.57                   | 5.08                       | 6.80                        | V                     |
|                 | 5640                 | -53.02         | -13              | -40.02                  | -70.11                  | -54.69                   | 8.03                       | 9.70                        | V                     |
|                 | 7521                 | -51.07         | -13              | -38.07                  | -72.21                  | -53.45                   | 9.43                       | 11.81                       | V                     |
| Highest         | 3816                 | -33.36         | -13              | -20.36                  | -49.77                  | -35.08                   | 5.08                       | 6.80                        | H                     |
|                 | 5727                 | -51.57         | -13              | -38.57                  | -68.37                  | -53.24                   | 8.03                       | 9.70                        | H                     |
|                 | 7635                 | -51.06         | -13              | -38.06                  | -72.36                  | -53.44                   | 9.43                       | 11.81                       | H                     |
|                 | 3819                 | -38.51         | -13              | -25.51                  | -54.15                  | -40.23                   | 5.08                       | 6.80                        | V                     |
|                 | 5727                 | -53.19         | -13              | -40.19                  | -70.28                  | -54.86                   | 8.03                       | 9.70                        | V                     |
|                 | 7635                 | -51.44         | -13              | -38.44                  | -72.58                  | -53.82                   | 9.43                       | 11.81                       | 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) |
| Lowest                      | 1652              | -61.23      | -13           | -48.23            | -61.55            | -63.14             | 1.14                 | 5.20                  | H                  |
|                             | 2480              | -59.47      | -13           | -46.47            | -63.77            | -62.10             | 1.12                 | 5.90                  | H                  |
|                             | 3306              | -61.61      | -13           | -48.61            | -65.73            | -64.82             | 1.34                 | 6.70                  | H                  |
|                             | 1652              | -62.31      | -13           | -49.31            | -61.41            | -64.22             | 1.14                 | 5.20                  | V                  |
|                             | 2480              | -60.36      | -13           | -47.36            | -63.43            | -62.99             | 1.12                 | 5.90                  | V                  |
|                             | 3306              | -60.86      | -13           | -47.86            | -66               | -64.07             | 1.34                 | 6.70                  | V                  |
| Middle                      | 1672              | -60.77      | -13           | -47.77            | -61.09            | -62.68             | 1.14                 | 5.20                  | H                  |
|                             | 2510              | -59.27      | -13           | -46.27            | -63.57            | -61.90             | 1.12                 | 5.90                  | H                  |
|                             | 3345              | -62.14      | -13           | -49.14            | -66.26            | -65.35             | 1.34                 | 6.70                  | H                  |
|                             | 1672              | -62.30      | -13           | -49.30            | -61.4             | -64.21             | 1.14                 | 5.20                  | V                  |
|                             | 2510              | -60.70      | -13           | -47.70            | -63.77            | -63.33             | 1.12                 | 5.90                  | V                  |
|                             | 3345              | -60.97      | -13           | -47.97            | -66.11            | -64.18             | 1.34                 | 6.70                  | V                  |
| Highest                     | 1694              | -61.16      | -13           | -48.16            | -61.48            | -63.07             | 1.14                 | 5.20                  | H                  |
|                             | 2540              | -59.09      | -13           | -46.09            | -63.39            | -61.72             | 1.12                 | 5.90                  | H                  |
|                             | 3387              | -61.61      | -13           | -48.61            | -65.73            | -64.82             | 1.34                 | 6.70                  | H                  |
|                             | 1694              | -62.40      | -13           | -49.40            | -61.5             | -64.31             | 1.14                 | 5.20                  | V                  |
|                             | 2540              | -59.75      | -13           | -46.75            | -62.82            | -62.38             | 1.12                 | 5.90                  | V                  |
|                             | 3387              | -60.06      | -13           | -47.06            | -65.2             | -63.27             | 1.34                 | 6.70                  | 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) |
| Lowest                       | 3705                 | -55.66          | -13              | -42.66                  | -69.90                  | -57.37                   | 5.08                       | 6.80                        | H                     |
|                              | 5556                 | -56.23          | -13              | -43.23                  | -73.03                  | -57.90                   | 8.03                       | 9.70                        | H                     |
|                              | 7410                 | -51.42          | -13              | -38.42                  | -72.72                  | -53.80                   | 9.43                       | 11.81                       | H                     |
|                              | 3705                 | -58.52          | -13              | -45.52                  | -70.95                  | -60.23                   | 5.08                       | 6.80                        | V                     |
|                              | 5556                 | -55.95          | -13              | -42.95                  | -73.04                  | -57.62                   | 8.03                       | 9.70                        | V                     |
|                              | 7410                 | -51.82          | -13              | -38.82                  | -72.96                  | -54.20                   | 9.43                       | 11.81                       | V                     |
| Middle                       | 3759                 | -53.84          | -13              | -40.84                  | -68.08                  | -55.55                   | 5.08                       | 6.80                        | H                     |
|                              | 5640                 | -55.58          | -13              | -42.58                  | -72.38                  | -57.25                   | 8.03                       | 9.70                        | H                     |
|                              | 7521                 | -51.69          | -13              | -38.69                  | -72.99                  | -54.07                   | 9.43                       | 11.81                       | H                     |
|                              | 3759                 | -58.93          | -13              | -45.93                  | -71.36                  | -60.64                   | 5.08                       | 6.80                        | V                     |
|                              | 5640                 | -55.94          | -13              | -42.94                  | -73.03                  | -57.61                   | 8.03                       | 9.70                        | V                     |
|                              | 7521                 | -51.38          | -13              | -38.38                  | -72.52                  | -53.76                   | 9.43                       | 11.81                       | V                     |
| Highest                      | 3816                 | -54.64          | -13              | -41.64                  | -68.88                  | -56.35                   | 5.08                       | 6.80                        | H                     |
|                              | 5724                 | -56.20          | -13              | -43.20                  | -73.00                  | -57.87                   | 8.03                       | 9.70                        | H                     |
|                              | 7629                 | -51.35          | -13              | -38.35                  | -72.65                  | -53.73                   | 9.43                       | 11.81                       | H                     |
|                              | 3816                 | -57.68          | -13              | -44.68                  | -70.11                  | -59.39                   | 5.08                       | 6.80                        | V                     |
|                              | 5724                 | -54.49          | -13              | -41.49                  | -71.58                  | -56.16                   | 8.03                       | 9.70                        | V                     |
|                              | 7629                 | -52.19          | -13              | -39.19                  | -73.33                  | -54.57                   | 9.43                       | 11.81                       | 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) |
| Lowest                       | 3426                 | -58.22          | -13              | -45.22                  | -66.50                  | -63.36                   | 1.81                       | 6.95                        | H                     |
|                              | 5136                 | -53.61          | -13              | -40.61                  | -68.17                  | -60.68                   | 2.23                       | 9.30                        | H                     |
|                              | 6849                 | -51.17          | -13              | -38.17                  | -70.52                  | -59.45                   | 2.60                       | 10.88                       | H                     |
|                              | 3426                 | -60.50          | -13              | -47.50                  | -66.3                   | -65.64                   | 1.81                       | 6.95                        | V                     |
|                              | 5136                 | -55.35          | -13              | -42.35                  | -69.65                  | -62.42                   | 2.23                       | 9.30                        | V                     |
|                              | 6849                 | -52.00          | -13              | -39.00                  | -70.54                  | -60.28                   | 2.6                        | 10.88                       | V                     |
| Middle                       | 3465                 | -56.88          | -13              | -43.88                  | -65.16                  | -62.02                   | 1.81                       | 6.95                        | H                     |
|                              | 5199                 | -54.16          | -13              | -41.16                  | -68.72                  | -61.23                   | 2.23                       | 9.30                        | H                     |
|                              | 6930                 | -55.12          | -13              | -42.12                  | -74.47                  | -63.40                   | 2.60                       | 10.88                       | H                     |
|                              | 3465                 | -60.51          | -13              | -47.51                  | -66.31                  | -65.65                   | 1.81                       | 6.95                        | V                     |
|                              | 5199                 | -54.92          | -13              | -41.92                  | -69.22                  | -61.99                   | 2.23                       | 9.30                        | V                     |
|                              | 6930                 | -56.36          | -13              | -43.36                  | -74.9                   | -64.64                   | 2.6                        | 10.88                       | V                     |
| Highest                      | 3504                 | -57.82          | -13              | -44.82                  | -66.10                  | -62.96                   | 1.81                       | 6.95                        | H                     |
|                              | 5259                 | -54.47          | -13              | -41.47                  | -69.03                  | -61.54                   | 2.23                       | 9.30                        | H                     |
|                              | 7011                 | -50.42          | -13              | -37.42                  | -69.77                  | -58.70                   | 2.60                       | 10.88                       | H                     |
|                              | 3504                 | -61.29          | -13              | -48.29                  | -67.09                  | -66.43                   | 1.81                       | 6.95                        | V                     |
|                              | 5259                 | -52.87          | -13              | -39.87                  | -67.17                  | -59.94                   | 2.23                       | 9.30                        | V                     |
|                              | 7011                 | -51.82          | -13              | -38.82                  | -70.36                  | -60.10                   | 2.6                        | 10.88                       | V                     |

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