



## 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

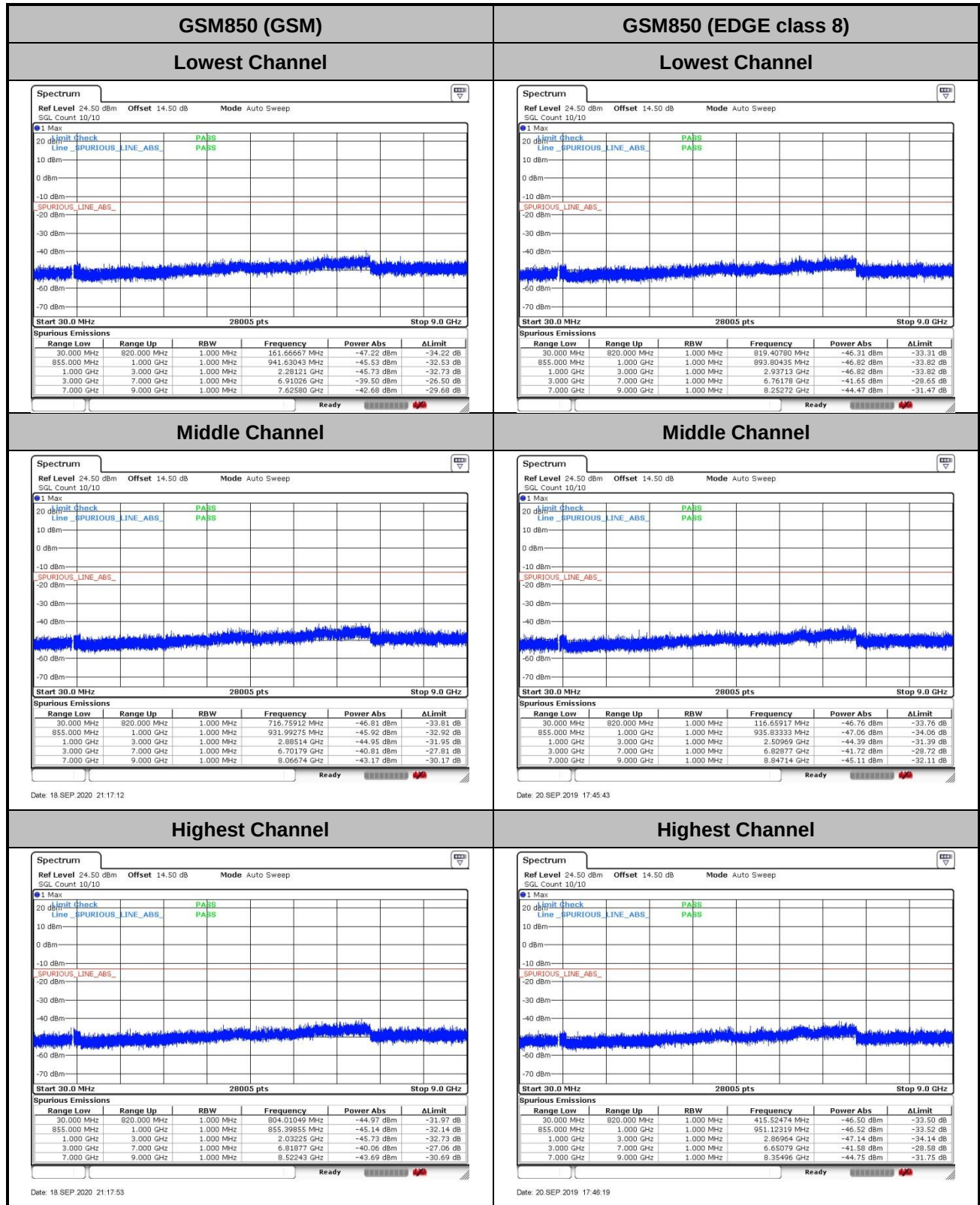


## Highest Band Edge





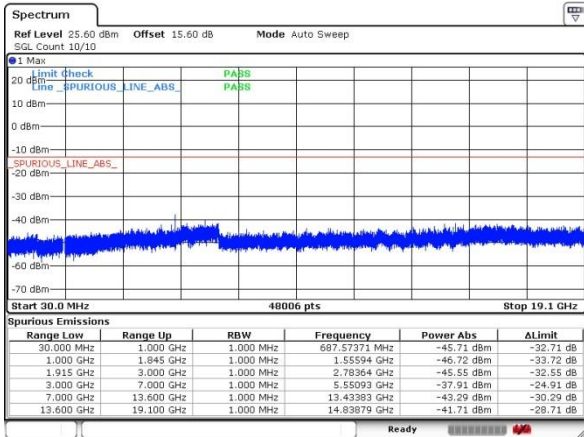
## Conducted Spurious Emission





## GSM1900 (GSM)

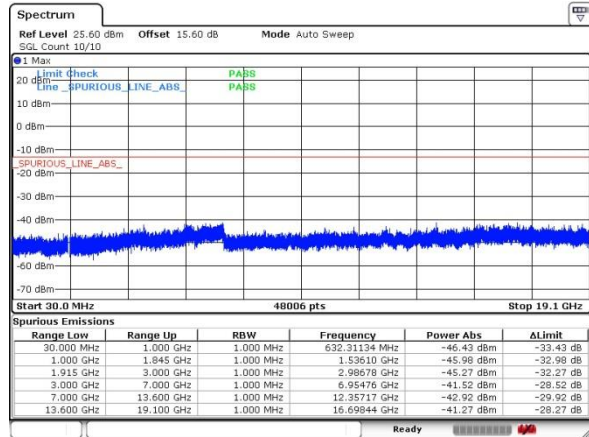
## Lowest Channel



Date: 20 SEP 2019 19:55:26

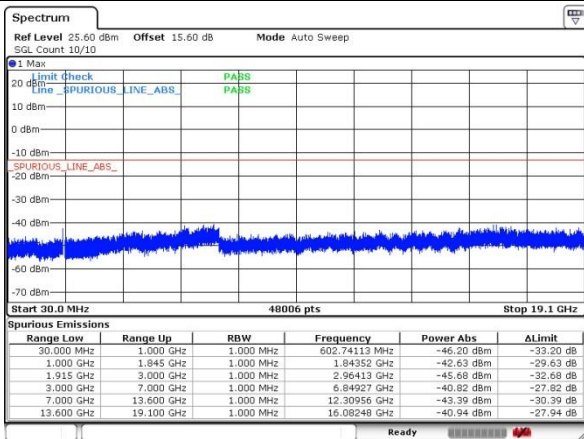
## GSM1900 (EDGE class 8)

## Lowest Channel



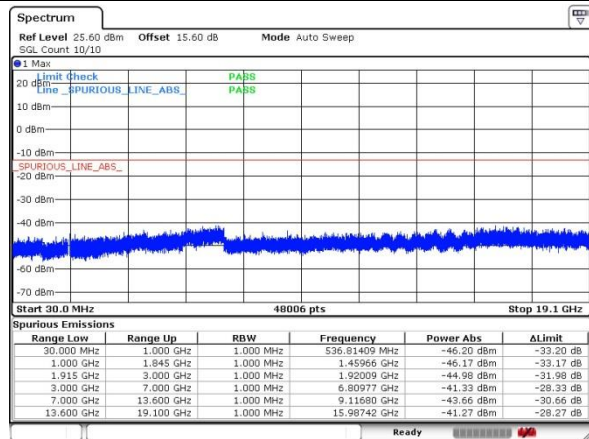
Date: 20 SEP 2019 20:19:12

## Middle Channel



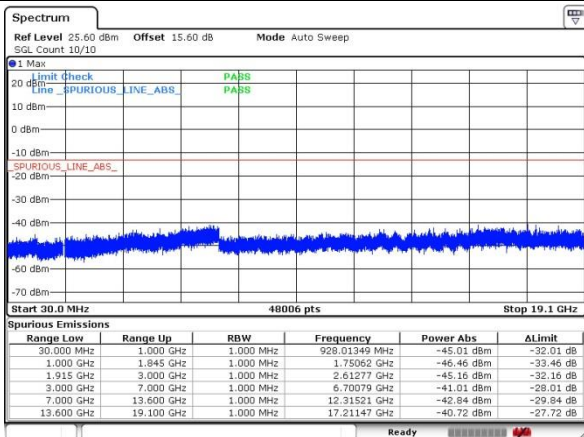
Date: 20 SEP 2019 19:56:03

## Middle Channel



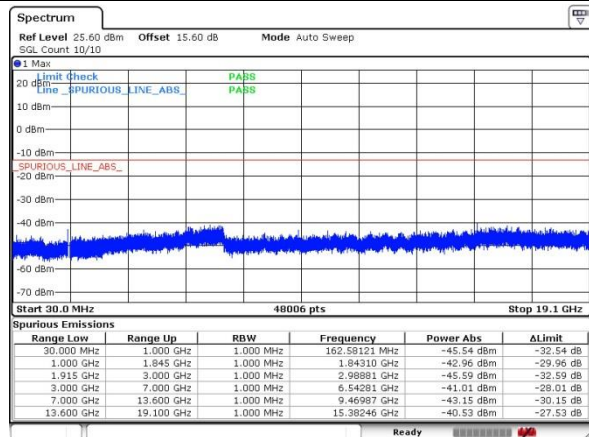
Date: 20 SEP 2019 20:19:24

## Highest Channel



Date: 20 SEP 2019 19:56:13

## Highest Channel

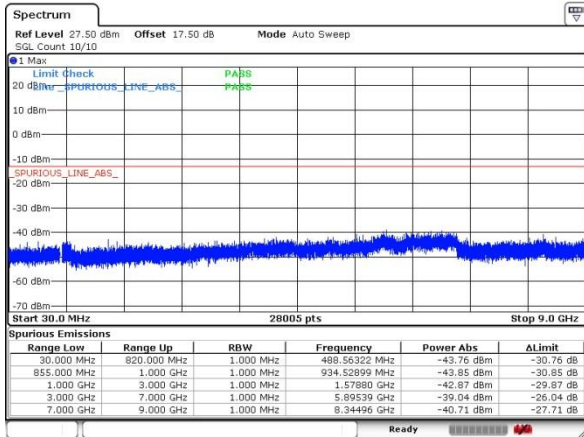


Date: 20 SEP 2019 20:19:32



## WCDMA Band V (RMC 12.2Kbps)

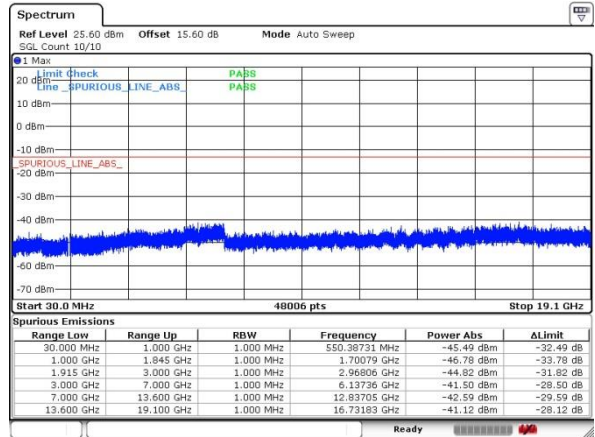
## Lowest Channel



Date: 20 SEP 2019 18:25:36

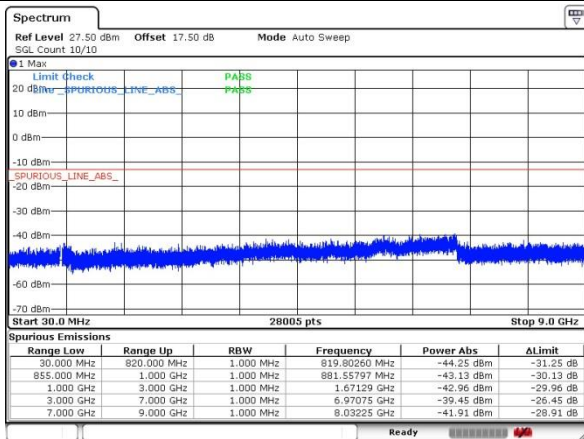
## WCDMA Band II (RMC 12.2Kbps)

## Lowest Channel



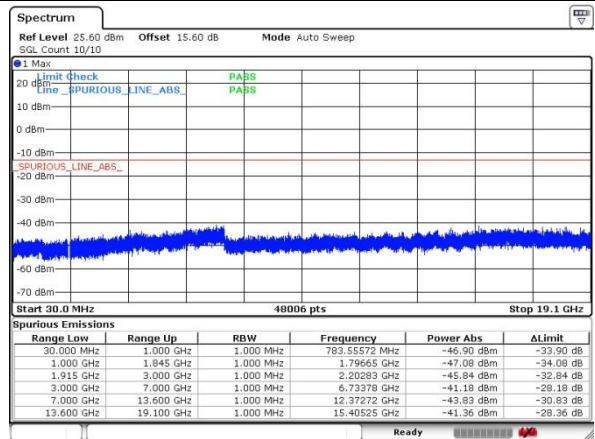
Date: 20 SEP 2019 18:47:17

## Middle Channel



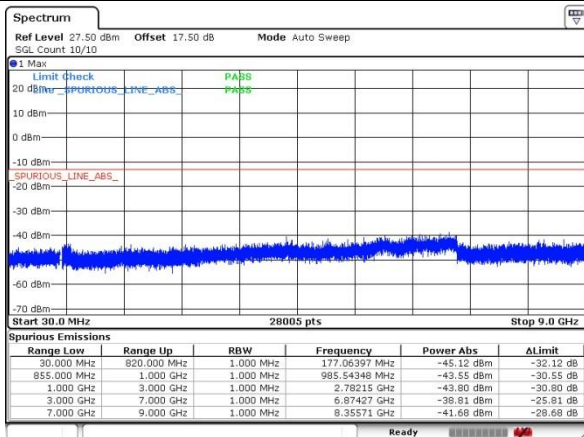
Date: 20 SEP 2019 18:26:15

## Middle Channel



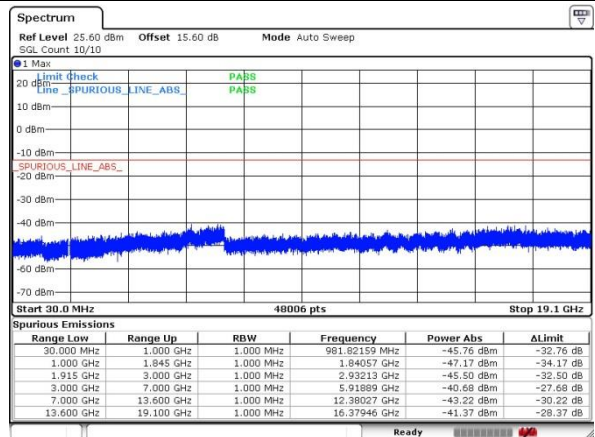
Date: 20 SEP 2019 18:47:32

## Highest Channel



Date: 20 SEP 2019 18:27:35

## Highest Channel

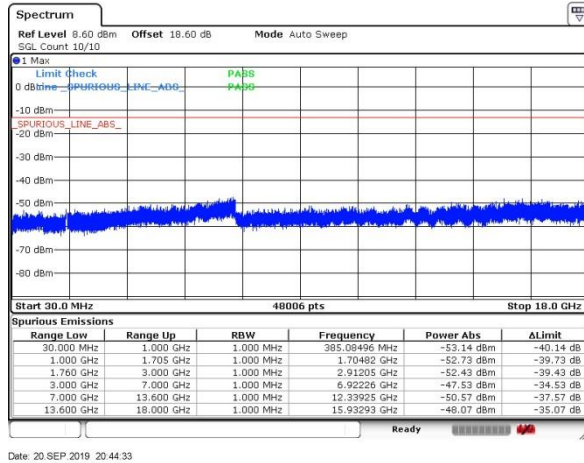


Date: 20 SEP 2019 18:47:45



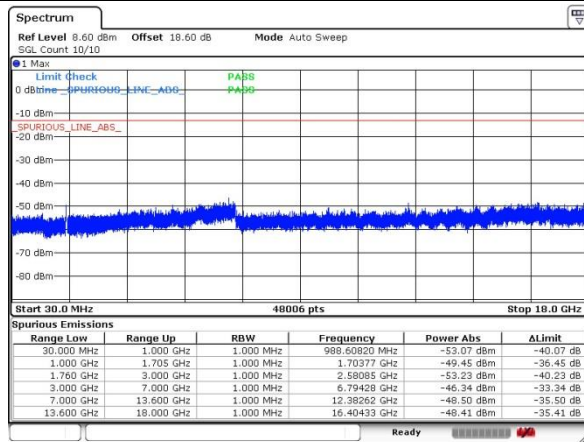
### WCDMA Band IV (RMC 12.2Kbps)

#### Lowest Channel



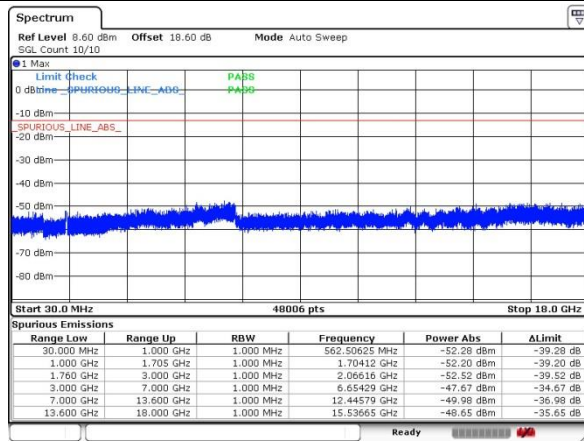
Date: 20 SEP 2019 20:44:33

#### Middle Channel



Date: 20 SEP 2019 20:44:44

#### Highest Channel



Date: 20 SEP 2019 20:44:53

**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    | 0.0108          | 0.0231                   | PASS            |
| 40               | Normal Voltage    | 0.0257          | 0.0323                   |                 |
| 30               | Normal Voltage    | 0.0036          | 0.0048                   |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000          | 0.0000                   |                 |
| 10               | Normal Voltage    | 0.0024          | 0.0096                   |                 |
| 0                | Normal Voltage    | 0.0287          | 0.0395                   |                 |
| -10              | Normal Voltage    | 0.0096          | 0.0347                   |                 |
| -20              | Normal Voltage    | 0.0012          | 0.0012                   |                 |
| -30              | Normal Voltage    | 0.0084          | 0.0024                   |                 |
| 20               | Maximum Voltage   | 0.0024          | 0.0012                   |                 |
| 20               | Normal Voltage    | 0.0000          | 0.0000                   |                 |
| 20               | Battery End Point | 0.0299          | 0.0096                   |                 |

**Note:** Normal Voltage = 3.8V. : Battery End Point (BEP) =3.4V. : Maximum Voltage =4.4 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    | 0.0021           | 0.0080                    | PASS             |
| 40               | Normal Voltage    | 0.0016           | 0.0117                    |                  |
| 30               | Normal Voltage    | 0.0011           | 0.0112                    |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000           | 0.0000                    |                  |
| 10               | Normal Voltage    | 0.0027           | 0.0011                    |                  |
| 0                | Normal Voltage    | 0.0080           | 0.0080                    |                  |
| -10              | Normal Voltage    | 0.0016           | 0.0021                    |                  |
| -20              | Normal Voltage    | 0.0068           | 0.0017                    |                  |
| -30              | Normal Voltage    | 0.0117           | 0.0085                    |                  |
| 20               | Maximum Voltage   | 0.0106           | 0.0037                    |                  |
| 20               | Normal Voltage    | 0.0000           | 0.0000                    |                  |
| 20               | Battery End Point | 0.0021           | 0.0027                    |                  |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; 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 V<br>(RMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                | Result          |
| 50               | Normal Voltage    | 0.0088                         | PASS            |
| 40               | Normal Voltage    | 0.0245                         |                 |
| 30               | Normal Voltage    | 0.0023                         |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                         |                 |
| 10               | Normal Voltage    | 0.0298                         |                 |
| 0                | Normal Voltage    | 0.0243                         |                 |
| -10              | Normal Voltage    | 0.0068                         |                 |
| -20              | Normal Voltage    | 0.0273                         |                 |
| -30              | Normal Voltage    | 0.0036                         |                 |
| 20               | Maximum Voltage   | 0.0012                         |                 |
| 20               | Normal Voltage    | 0.0000                         |                 |
| 20               | Battery End Point | 0.0263                         |                 |

**Note:** Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.4 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    | 0.0018                          | PASS             |
| 40               | Normal Voltage    | 0.0122                          |                  |
| 30               | Normal Voltage    | 0.0118                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0174                          |                  |
| 0                | Normal Voltage    | 0.0046                          |                  |
| -10              | Normal Voltage    | 0.0143                          |                  |
| -20              | Normal Voltage    | 0.0149                          |                  |
| -30              | Normal Voltage    | 0.0027                          |                  |
| 20               | Maximum Voltage   | 0.0012                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0032                          |                  |

**Note:**

1. Normal Voltage = 3.8V ; Battery End Point (BEP) =3.4V ; Maximum Voltage =4.4V
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    | 0.0035                          | PASS             |
| 40               | Normal Voltage    | 0.0026                          |                  |
| 30               | Normal Voltage    | 0.0150                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0023                          |                  |
| 0                | Normal Voltage    | 0.0128                          |                  |
| -10              | Normal Voltage    | 0.0035                          |                  |
| -20              | Normal Voltage    | 0.0144                          |                  |
| -30              | Normal Voltage    | 0.0046                          |                  |
| 20               | Maximum Voltage   | 0.0017                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0032                          |                  |

**Note:**

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

| GSM850 (GSM) |                      |                |                  |                         |                          |                            |                               |                         |
|--------------|----------------------|----------------|------------------|-------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|
| Channel      | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) |
| Lowest       | 1648                 | -55.44         | -13              | -42.44                  | -62.41                   | 1.58                       | 10.70                         | H                       |
|              | 2472                 | -49.54         | -13              | -36.54                  | -57.79                   | 2.102                      | 12.50                         | H                       |
|              | 3294                 | -64.16         | -13              | -51.16                  | -73.05                   | 2.856                      | 13.90                         | H                       |
|              | 4122                 | -60.56         | -13              | -47.56                  | -69.02                   | 2.689                      | 13.30                         | H                       |
|              | 1648                 | -58.87         | -13              | -45.87                  | -65.84                   | 1.58                       | 10.70                         | V                       |
|              | 2472                 | -41.93         | -13              | -28.93                  | -50.18                   | 2.10                       | 12.50                         | V                       |
|              | 3294                 | -64.71         | -13              | -51.71                  | -73.60                   | 2.86                       | 13.90                         | V                       |
|              | 4121                 | -59.14         | -13              | -46.14                  | -67.60                   | 2.69                       | 13.30                         | V                       |
| Middle       | 1672                 | -55.42         | -13              | -42.42                  | -62.39                   | 1.58                       | 10.70                         | H                       |
|              | 2510                 | -43.76         | -13              | -30.76                  | -52.01                   | 2.102                      | 12.50                         | H                       |
|              | 3348                 | -61.96         | -13              | -48.96                  | -70.85                   | 2.856                      | 13.90                         | H                       |
|              | 4182                 | -57.65         | -13              | -44.65                  | -66.11                   | 2.689                      | 13.30                         | H                       |
|              | 1672                 | -61.57         | -13              | -48.57                  | -68.54                   | 1.58                       | 10.70                         | V                       |
|              | 2508                 | -39.97         | -13              | -26.97                  | -48.22                   | 2.10                       | 12.50                         | V                       |
|              | 3348                 | -63.79         | -13              | -50.79                  | -72.68                   | 2.86                       | 13.90                         | V                       |
|              | 4182                 | -60.04         | -13              | -47.04                  | -68.50                   | 2.69                       | 13.30                         | V                       |
| Highest      | 1698                 | -58.43         | -13              | -45.43                  | -65.40                   | 1.58                       | 10.70                         | H                       |
|              | 2546                 | -43.02         | -13              | -30.02                  | -51.27                   | 2.102                      | 12.50                         | H                       |
|              | 3396                 | -59.68         | -13              | -46.68                  | -68.57                   | 2.856                      | 13.90                         | H                       |
|              | 4242                 | -56.74         | -13              | -43.74                  | -65.20                   | 2.689                      | 13.30                         | H                       |
|              | 1698                 | -64.50         | -13              | -51.50                  | -71.47                   | 1.58                       | 10.70                         | V                       |
|              | 2546                 | -41.19         | -13              | -28.19                  | -49.44                   | 2.10                       | 12.50                         | V                       |
|              | 3396                 | -63.87         | -13              | -50.87                  | -72.76                   | 2.86                       | 13.90                         | V                       |
|              | 4244                 | -58.88         | -13              | -45.88                  | -67.34                   | 2.69                       | 13.30                         | V                       |

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



| GSM850 (EDGE class 8) |                      |                |                  |                         |                          |                            |                             |                       |
|-----------------------|----------------------|----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel               | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                | 1648                 | -62.76         | -13              | -49.76                  | -69.73                   | 1.58                       | 10.70                       | H                     |
|                       | 2472                 | -63.22         | -13              | -50.22                  | -71.47                   | 2.102                      | 12.50                       | H                     |
|                       | 3294                 | -65.03         | -13              | -52.03                  | -73.92                   | 2.856                      | 13.90                       | H                     |
|                       | 1648                 | -64.50         | -13              | -51.50                  | -71.47                   | 1.58                       | 10.70                       | V                     |
|                       | 2472                 | -56.51         | -13              | -43.51                  | -64.76                   | 2.10                       | 12.50                       | V                     |
|                       | 3294                 | -65.13         | -13              | -52.13                  | -74.02                   | 2.86                       | 13.90                       | V                     |
| Middle                | 1672                 | -64.03         | -13              | -51.03                  | -71.00                   | 1.58                       | 10.70                       | H                     |
|                       | 2510                 | -57.42         | -13              | -44.42                  | -65.67                   | 2.102                      | 12.50                       | H                     |
|                       | 3348                 | -64.80         | -13              | -51.80                  | -73.69                   | 2.856                      | 13.90                       | H                     |
|                       | 1672                 | -67.20         | -13              | -54.20                  | -74.17                   | 1.58                       | 10.70                       | V                     |
|                       | 2510                 | -56.64         | -13              | -43.64                  | -64.89                   | 2.10                       | 12.50                       | V                     |
|                       | 3348                 | -64.90         | -13              | -51.90                  | -73.79                   | 2.86                       | 13.90                       | V                     |
| Highest               | 1698                 | -65.25         | -13              | -52.25                  | -72.22                   | 1.58                       | 10.70                       | H                     |
|                       | 2546                 | -55.98         | -13              | -42.98                  | -64.23                   | 2.102                      | 12.50                       | H                     |
|                       | 3396                 | -64.22         | -13              | -51.22                  | -73.11                   | 2.856                      | 13.90                       | H                     |
|                       | 1698                 | -67.60         | -13              | -54.60                  | -74.57                   | 1.58                       | 10.70                       | V                     |
|                       | 2546                 | -54.57         | -13              | -41.57                  | -62.82                   | 2.10                       | 12.50                       | V                     |
|                       | 3396                 | -64.80         | -13              | -51.80                  | -73.69                   | 2.86                       | 13.90                       | 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 ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest        | 3699                 | -58.56          | -13              | -45.56                  | -70.82                   | 2.641                      | 14.90                       | H                     |
|               | 5550.6               | -56.05          | -13              | -43.05                  | -67.91                   | 2.94                       | 14.80                       | H                     |
|               | 7404                 | -50.64          | -13              | -37.64                  | -60.41                   | 3.39                       | 13.16                       | H                     |
|               | 3699                 | -58.19          | -13              | -45.19                  | -70.45                   | 2.64                       | 14.90                       | V                     |
|               | 5550.6               | -56.13          | -13              | -43.13                  | -67.99                   | 2.94                       | 14.80                       | V                     |
|               | 7404                 | -50.23          | -13              | -37.23                  | -60.00                   | 3.39                       | 13.16                       | V                     |
| Middle        | 3759                 | -57.62          | -13              | -44.62                  | -69.88                   | 2.641                      | 14.90                       | H                     |
|               | 5640                 | -55.74          | -13              | -42.74                  | -67.60                   | 2.94                       | 14.80                       | H                     |
|               | 7524                 | -50.61          | -13              | -37.61                  | -60.38                   | 3.39                       | 13.16                       | H                     |
|               | 3760                 | -56.83          | -13              | -43.83                  | -69.09                   | 2.64                       | 14.90                       | V                     |
|               | 5640                 | -55.06          | -13              | -42.06                  | -66.92                   | 2.94                       | 14.80                       | V                     |
|               | 7524                 | -50.18          | -13              | -37.18                  | -59.95                   | 3.39                       | 13.16                       | V                     |
| Highest       | 3819                 | -58.00          | -13              | -45.00                  | -70.26                   | 2.641                      | 14.90                       | H                     |
|               | 5729.4               | -55.85          | -13              | -42.85                  | -67.71                   | 2.94                       | 14.80                       | H                     |
|               | 7644                 | -50.63          | -13              | -37.63                  | -60.40                   | 3.39                       | 13.16                       | H                     |
|               | 3819                 | -57.74          | -13              | -44.74                  | -70.00                   | 2.64                       | 14.90                       | V                     |
|               | 5729.4               | -55.20          | -13              | -42.20                  | -67.06                   | 2.94                       | 14.80                       | V                     |
|               | 7644                 | -50.21          | -13              | -37.21                  | -59.98                   | 3.39                       | 13.16                       | V                     |

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



| GSM1900 (EDGE class 8) |                      |                 |                  |                         |                          |                            |                             |                       |
|------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                 | 3699                 | -58.16          | -13              | -45.16                  | -70.42                   | 2.641                      | 14.90                       | H                     |
|                        | 5550                 | -56.25          | -13              | -43.25                  | -68.11                   | 2.94                       | 14.80                       | H                     |
|                        | 7404                 | -50.50          | -13              | -37.50                  | -60.27                   | 3.39                       | 13.16                       | H                     |
|                        | 3699                 | -58.17          | -13              | -45.17                  | -70.43                   | 2.64                       | 14.90                       | V                     |
|                        | 5550                 | -55.81          | -13              | -42.81                  | -67.67                   | 2.94                       | 14.80                       | V                     |
|                        | 7404                 | -50.05          | -13              | -37.05                  | -59.82                   | 3.39                       | 13.16                       | V                     |
| Middle                 | 3759                 | -57.57          | -13              | -44.57                  | -69.83                   | 2.641                      | 14.90                       | H                     |
|                        | 5640                 | -55.70          | -13              | -42.70                  | -67.56                   | 2.94                       | 14.80                       | H                     |
|                        | 7524                 | -50.46          | -13              | -37.46                  | -60.23                   | 3.39                       | 13.16                       | H                     |
|                        | 3759                 | -57.57          | -13              | -44.57                  | -69.83                   | 2.64                       | 14.90                       | V                     |
|                        | 5640                 | -55.51          | -13              | -42.51                  | -67.37                   | 2.94                       | 14.80                       | V                     |
|                        | 7524                 | -50.01          | -13              | -37.01                  | -59.78                   | 3.39                       | 13.16                       | V                     |
| Highest                | 3819                 | -57.60          | -13              | -44.60                  | -69.86                   | 2.641                      | 14.90                       | H                     |
|                        | 5730                 | -55.69          | -13              | -42.69                  | -67.55                   | 2.94                       | 14.80                       | H                     |
|                        | 7639                 | -50.19          | -13              | -37.19                  | -59.96                   | 3.39                       | 13.16                       | H                     |
|                        | 3819.6               | -57.59          | -13              | -44.59                  | -69.85                   | 2.64                       | 14.90                       | V                     |
|                        | 5730                 | -55.52          | -13              | -42.52                  | -67.38                   | 2.94                       | 14.80                       | V                     |
|                        | 7639                 | -49.98          | -13              | -36.98                  | -59.75                   | 3.39                       | 13.16                       | V                     |

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



| WCDMA Band V(RMC 12.2Kbps) |                      |                |                  |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1652                 | -67.90         | -13              | -54.90                  | -74.87                   | 1.58                       | 10.70                       | H                     |
|                            | 2479.2               | -63.19         | -13              | -50.19                  | -71.44                   | 2.102                      | 12.50                       | H                     |
|                            | 3306                 | -64.48         | -13              | -51.48                  | -73.37                   | 2.856                      | 13.90                       | H                     |
|                            | 1652                 | -67.99         | -13              | -54.99                  | -74.96                   | 1.58                       | 10.70                       | V                     |
|                            | 2479.2               | -60.67         | -13              | -47.67                  | -68.92                   | 2.10                       | 12.50                       | V                     |
|                            | 3306                 | -64.42         | -13              | -51.42                  | -73.31                   | 2.86                       | 13.90                       | V                     |
| Middle                     | 1672                 | -67.53         | -13              | -54.53                  | -74.50                   | 1.58                       | 10.70                       | H                     |
|                            | 2509.2               | -63.13         | -13              | -50.13                  | -71.38                   | 2.102                      | 12.50                       | H                     |
|                            | 3348                 | -65.10         | -13              | -52.10                  | -73.99                   | 2.856                      | 13.90                       | H                     |
|                            | 1672.8               | -67.30         | -13              | -54.30                  | -74.27                   | 1.58                       | 10.70                       | V                     |
|                            | 2510                 | -61.13         | -13              | -48.13                  | -69.38                   | 2.10                       | 12.50                       | V                     |
|                            | 3348                 | -64.86         | -13              | -51.86                  | -73.75                   | 2.86                       | 13.90                       | V                     |
| Highest                    | 1694                 | -67.59         | -13              | -54.59                  | -74.56                   | 1.58                       | 10.70                       | H                     |
|                            | 2539.8               | -62.22         | -13              | -49.22                  | -70.47                   | 2.102                      | 12.50                       | H                     |
|                            | 3384                 | -64.61         | -13              | -51.61                  | -73.50                   | 2.856                      | 13.90                       | H                     |
|                            | 1693.2               | -67.82         | -13              | -54.82                  | -74.79                   | 1.58                       | 10.70                       | V                     |
|                            | 2540                 | -61.65         | -13              | -48.65                  | -69.90                   | 2.10                       | 12.50                       | V                     |
|                            | 3384                 | -65.14         | -13              | -52.14                  | -74.03                   | 2.86                       | 13.90                       | 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 ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 3705                 | -57.47          | -13              | -44.47                  | -69.73                   | 2.641                      | 14.90                       | H                     |
|                             | 5556                 | -55.99          | -13              | -42.99                  | -67.85                   | 2.94                       | 14.80                       | H                     |
|                             | 7409                 | -49.93          | -13              | -36.93                  | -59.70                   | 3.39                       | 13.16                       | H                     |
|                             | 3705                 | -57.39          | -13              | -44.39                  | -69.65                   | 2.64                       | 14.90                       | V                     |
|                             | 5556                 | -55.75          | -13              | -42.75                  | -67.61                   | 2.94                       | 14.80                       | V                     |
|                             | 7409                 | -49.53          | -13              | -36.53                  | -59.30                   | 3.39                       | 13.16                       | V                     |
| Middle                      | 3759                 | -56.74          | -13              | -43.74                  | -69.00                   | 2.641                      | 14.90                       | H                     |
|                             | 5640                 | -55.67          | -13              | -42.67                  | -67.53                   | 2.94                       | 14.80                       | H                     |
|                             | 7524                 | -50.47          | -13              | -37.47                  | -60.24                   | 3.39                       | 13.16                       | H                     |
|                             | 3759                 | -56.53          | -13              | -43.53                  | -68.79                   | 2.64                       | 14.90                       | V                     |
|                             | 5640                 | -55.10          | -13              | -42.10                  | -66.96                   | 2.94                       | 14.80                       | V                     |
|                             | 7524                 | -49.75          | -13              | -36.75                  | -59.52                   | 3.39                       | 13.16                       | V                     |
| Highest                     | 3816                 | -57.36          | -13              | -44.36                  | -69.62                   | 2.641                      | 14.90                       | H                     |
|                             | 5724                 | -55.76          | -13              | -42.76                  | -67.62                   | 2.94                       | 14.80                       | H                     |
|                             | 7632                 | -50.44          | -13              | -37.44                  | -60.21                   | 3.39                       | 13.16                       | H                     |
|                             | 3816                 | -57.50          | -13              | -44.50                  | -69.76                   | 2.64                       | 14.90                       | V                     |
|                             | 5724                 | -55.49          | -13              | -42.49                  | -67.35                   | 2.94                       | 14.80                       | V                     |
|                             | 7632                 | -49.75          | -13              | -36.75                  | -59.52                   | 3.39                       | 13.16                       | 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 ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 3426                 | -61.76          | -13              | -48.76                  | -72.50                   | 2.604                      | 13.34                       | H                     |
|                             | 5136                 | -56.54          | -13              | -43.54                  | -67.05                   | 3.011                      | 13.52                       | H                     |
|                             | 6849                 | -53.05          | -13              | -40.05                  | -63.25                   | 3.271                      | 13.47                       | H                     |
|                             | 3426                 | -60.37          | -13              | -47.37                  | -71.11                   | 2.604                      | 13.34                       | V                     |
|                             | 5136                 | -56.50          | -13              | -43.50                  | -67.01                   | 3.011                      | 13.52                       | V                     |
|                             | 6849                 | -52.70          | -13              | -39.70                  | -62.90                   | 3.271                      | 13.47                       | V                     |
| Middle                      | 3465                 | -60.94          | -13              | -47.94                  | -71.68                   | 2.604                      | 13.34                       | H                     |
|                             | 5199                 | -56.57          | -13              | -43.57                  | -67.08                   | 3.011                      | 13.52                       | H                     |
|                             | 6932                 | -52.48          | -13              | -39.48                  | -62.68                   | 3.271                      | 13.47                       | H                     |
|                             | 3465                 | -60.19          | -13              | -47.19                  | -70.93                   | 2.604                      | 13.34                       | V                     |
|                             | 5199                 | -56.60          | -13              | -43.60                  | -67.11                   | 3.011                      | 13.52                       | V                     |
|                             | 6932                 | -52.21          | -13              | -39.21                  | -62.41                   | 3.271                      | 13.47                       | V                     |
| Highest                     | 3504                 | -61.44          | -13              | -48.44                  | -72.18                   | 2.604                      | 13.34                       | H                     |
|                             | 5259                 | -56.73          | -13              | -43.73                  | -67.24                   | 3.011                      | 13.52                       | H                     |
|                             | 7008                 | -51.21          | -13              | -38.21                  | -61.41                   | 3.271                      | 13.47                       | H                     |
|                             | 3504                 | -61.30          | -13              | -48.30                  | -72.04                   | 2.604                      | 13.34                       | V                     |
|                             | 5259                 | -57.01          | -13              | -44.01                  | -67.52                   | 3.011                      | 13.52                       | V                     |
|                             | 7008                 | -50.99          | -13              | -37.99                  | -61.19                   | 3.271                      | 13.47                       | V                     |

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