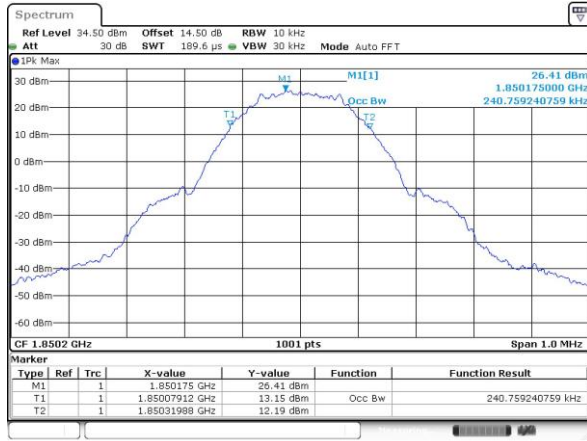




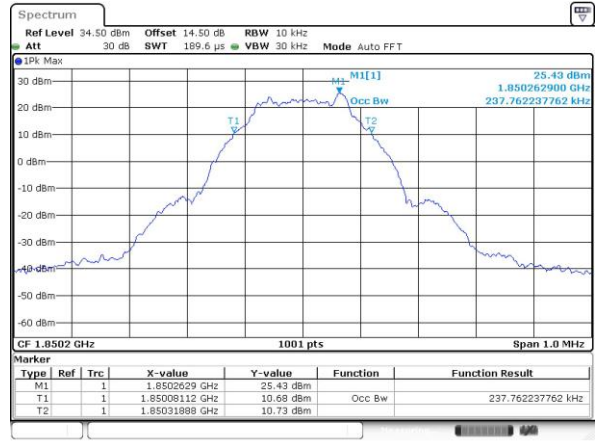
## GSM1900 (GSM)

## Lowest Channel

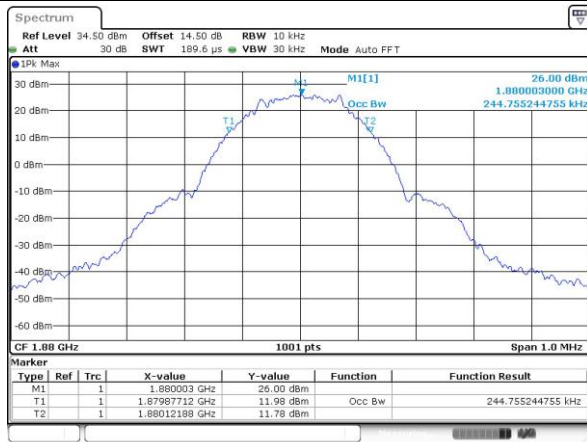


## GSM1900 (EDGE class 8)

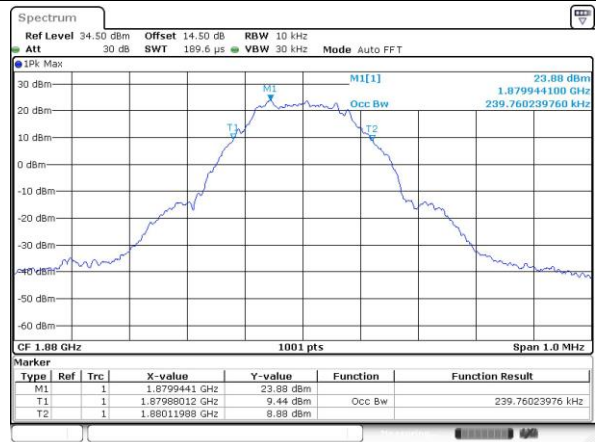
## Lowest Channel



## Middle Channel



## Middle Channel



## Highest Channel



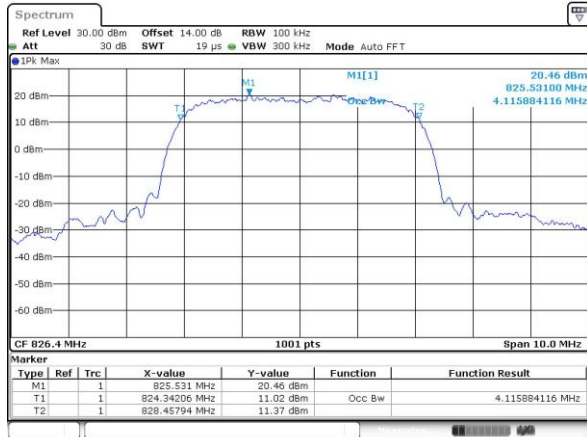
## Highest Channel





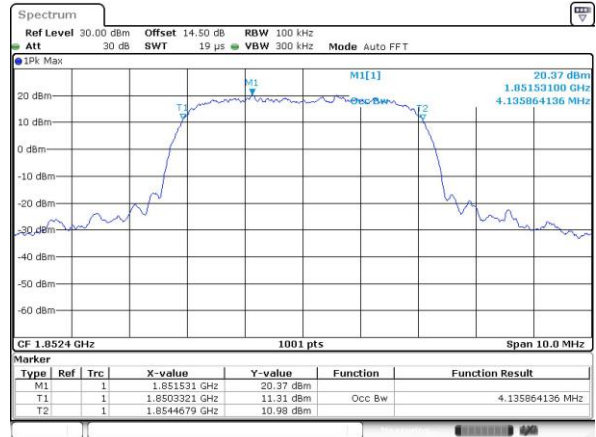
## WCDMA Band V (RMC 12.2Kbps)

## Lowest Channel

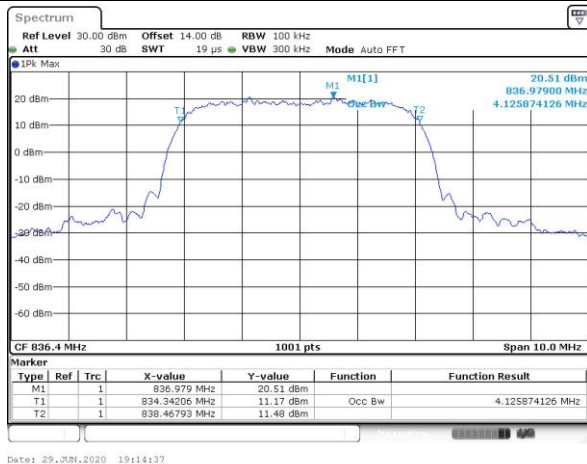


## WCDMA Band II (RMC 12.2Kbps)

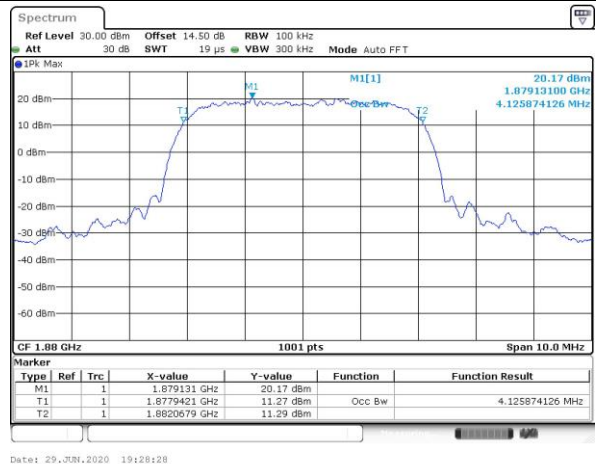
## Lowest Channel



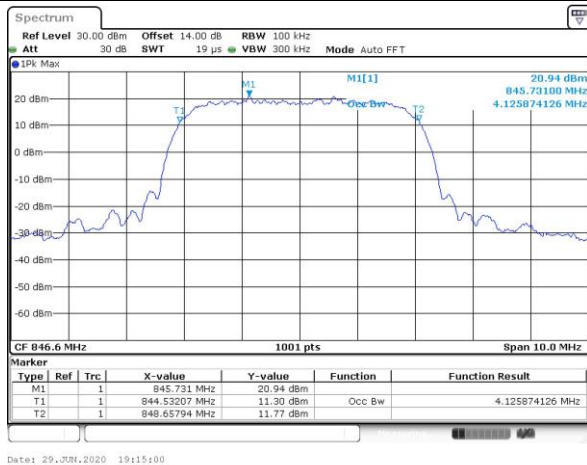
## Middle Channel



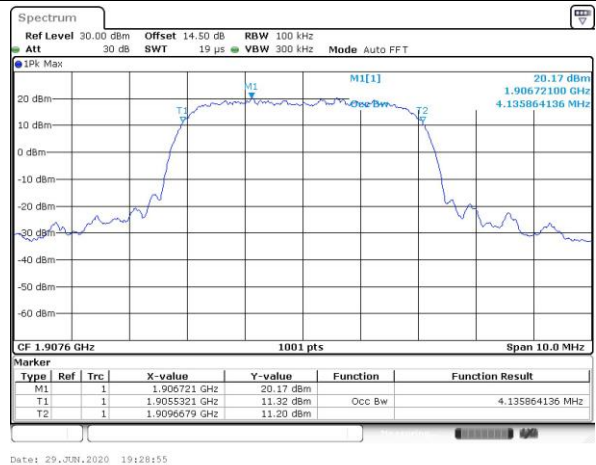
## Middle Channel



## Highest Channel

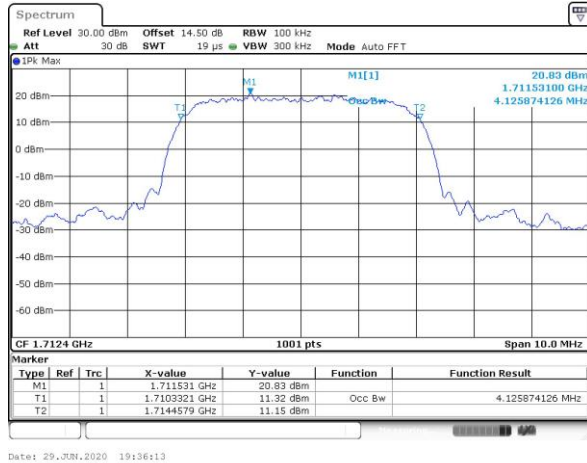


## Highest Channel

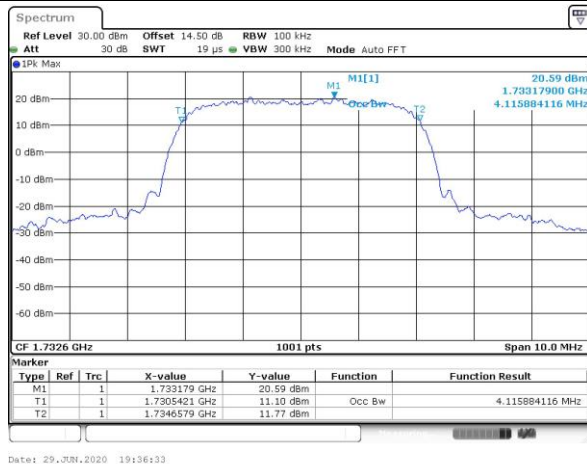


## WCDMA Band IV (RMC 12.2Kbps)

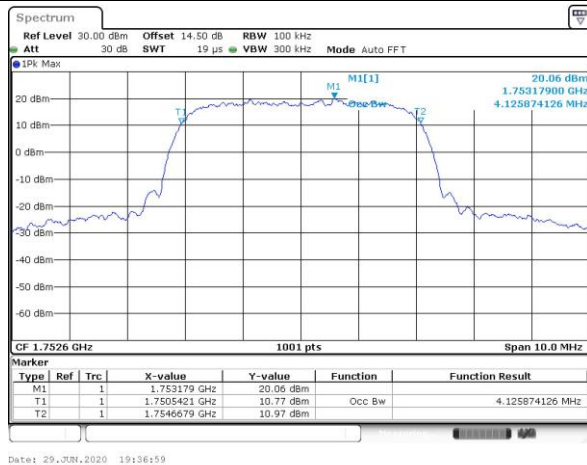
### Lowest Channel



### Middle Channel



### Highest Channel

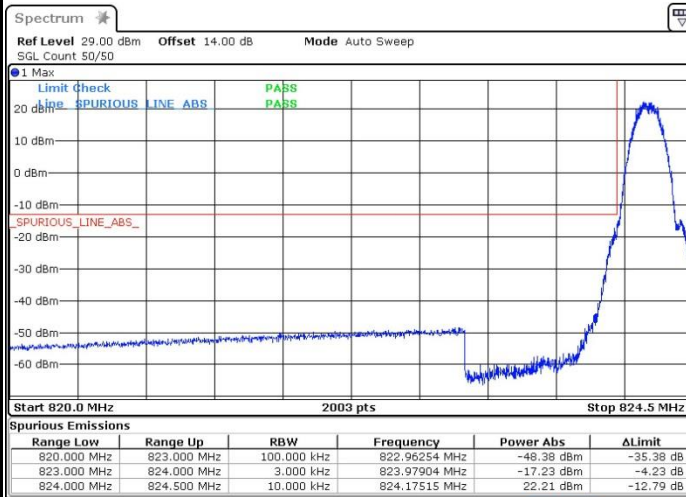




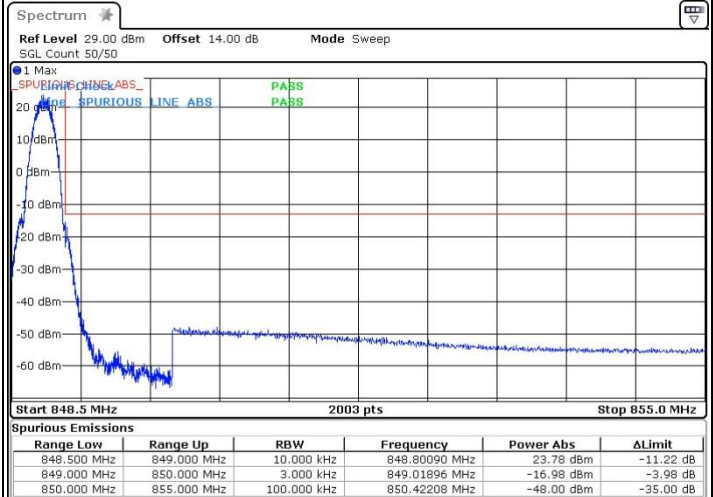
## Conducted Band Edge

### GSM850 (GSM)

#### Lowest Band Edge

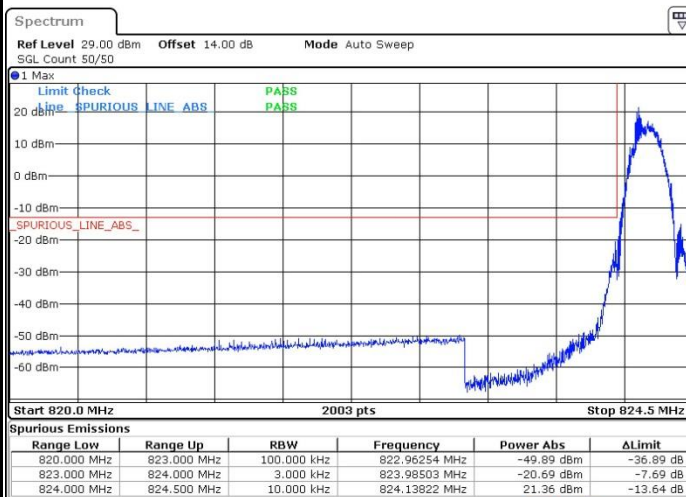


#### Highest Band Edge

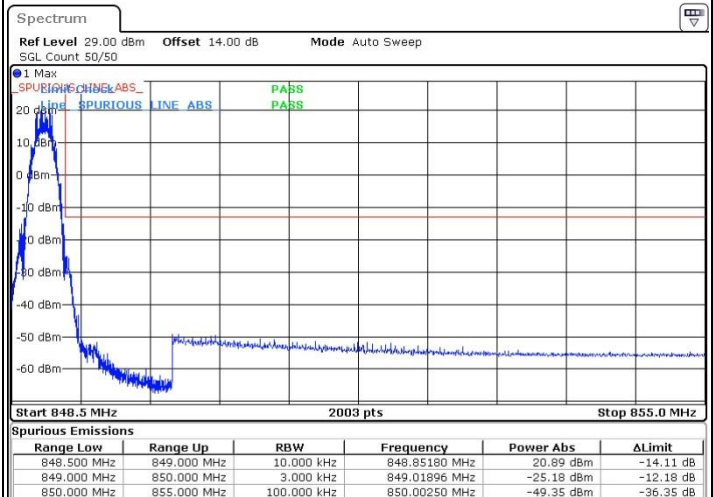


### GSM850 (EDGE class 8)

#### Lowest Band Edge



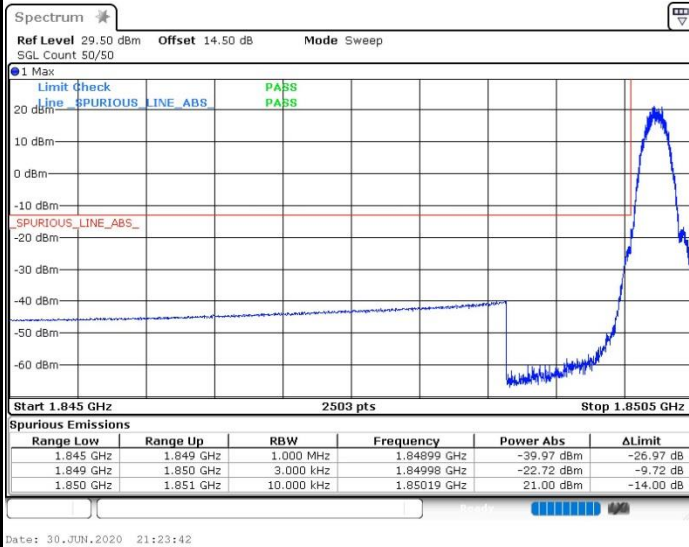
#### Highest Band Edge



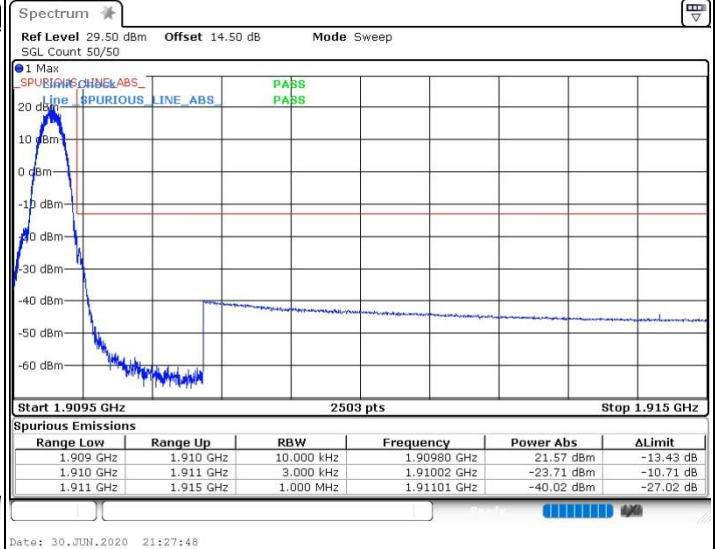


## GSM1900 (GSM)

## Lowest Band Edge

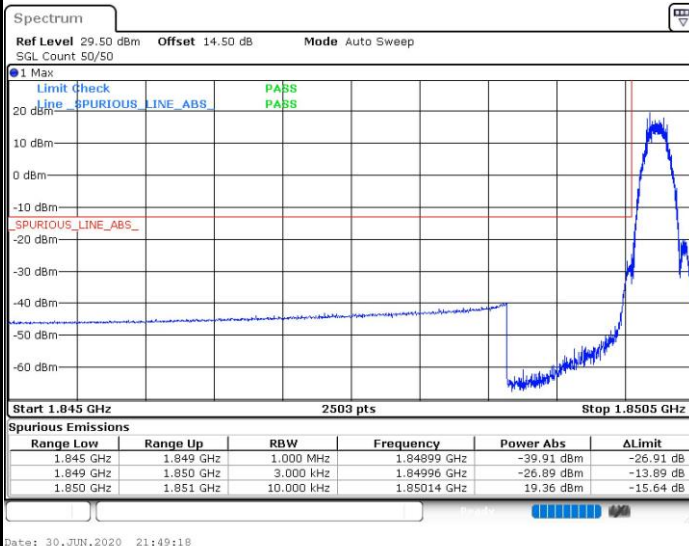


## Highest Band Edge

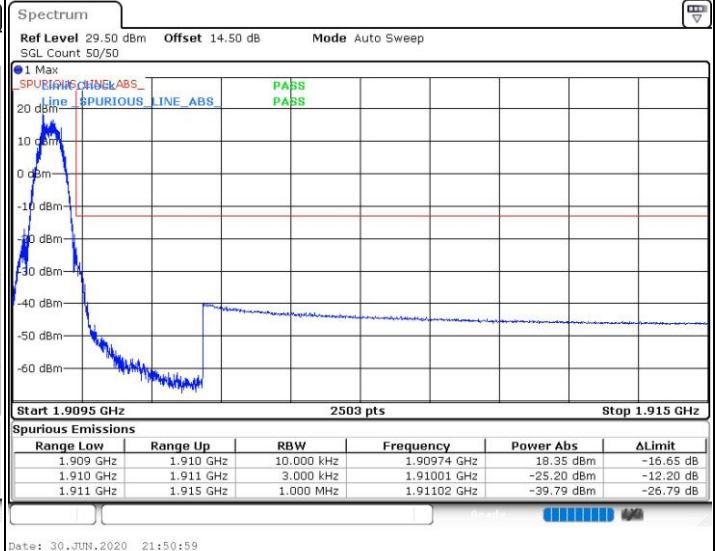


## GSM1900 (EDGE class 8)

## Lowest Band Edge



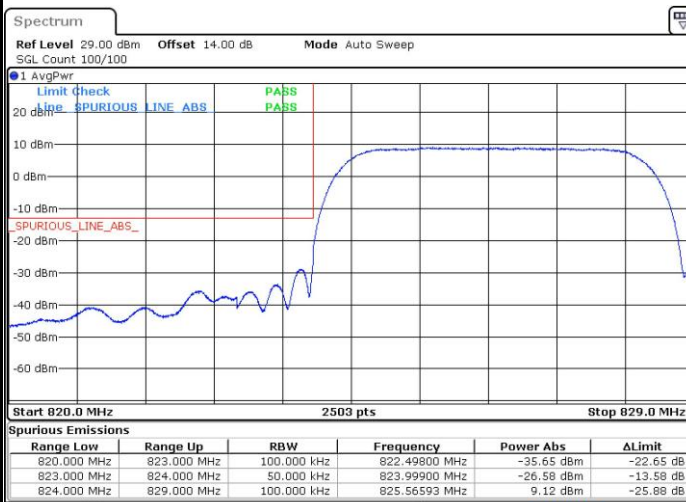
## Highest Band Edge





## WCDMA Band V (RMC 12.2Kbps)

## Lowest Band Edge

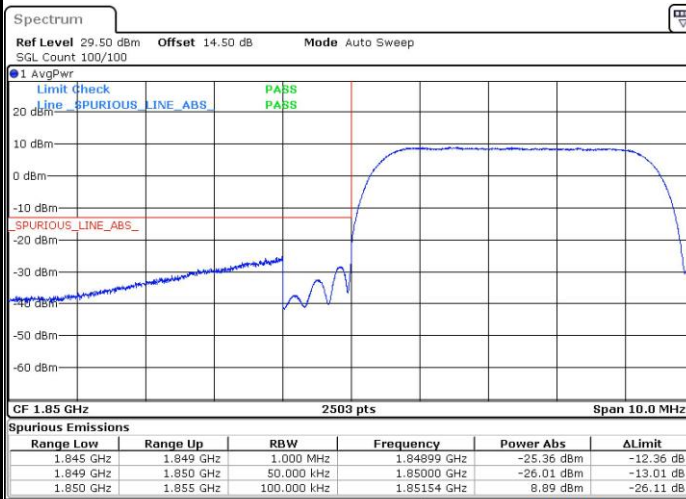


## Highest Band Edge



## WCDMA Band II (RMC 12.2Kbps)

## Lowest Band Edge



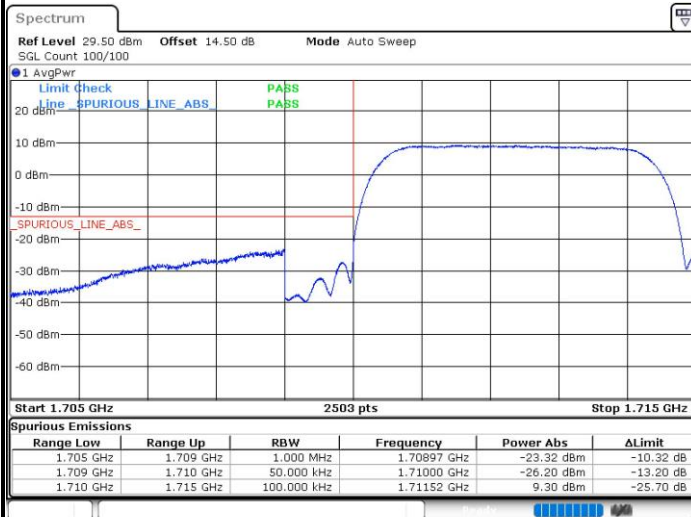
## Highest Band Edge





## WCDMA Band IV (RMC 12.2Kbps)

## Lowest Band Edge



## Highest Band Edge

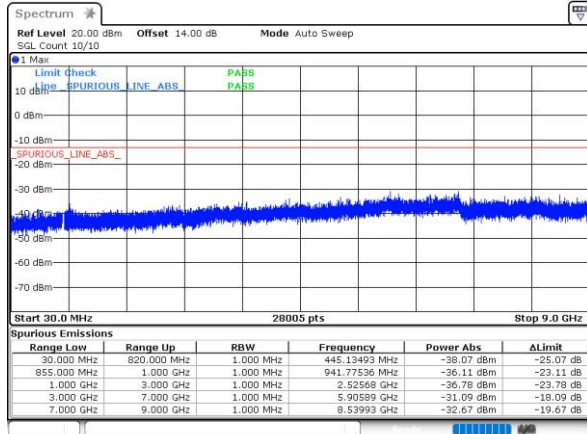




## Conducted Spurious Emission

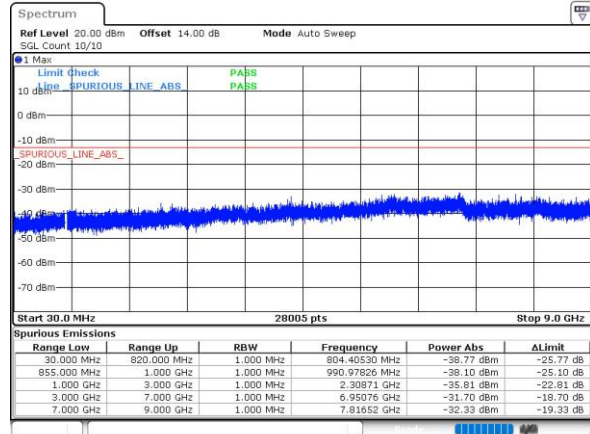
### GSM850 (GSM)

#### Lowest Channel

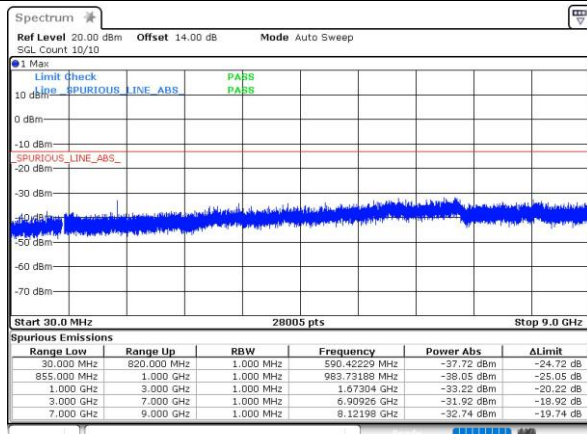


### GSM850 (EDGE class 8)

#### Lowest Channel

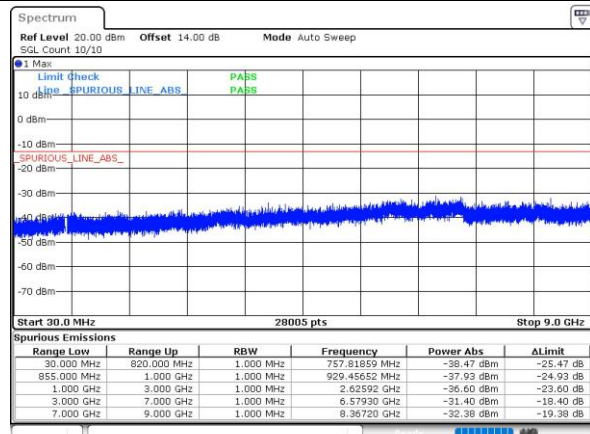


#### Middle Channel



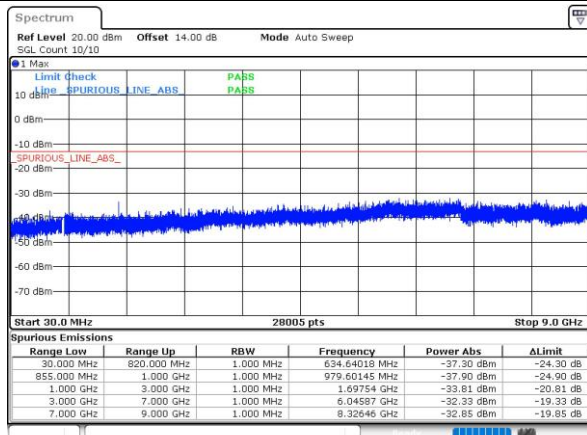
Date: 30 JUN 2020 20:45:32

#### Middle Channel



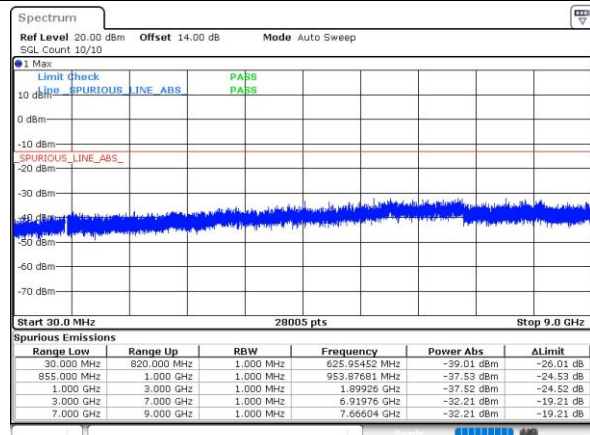
Date: 30 JUN 2020 22:07:12

#### Highest Channel



Date: 30 JUN 2020 20:46:38

#### Highest Channel

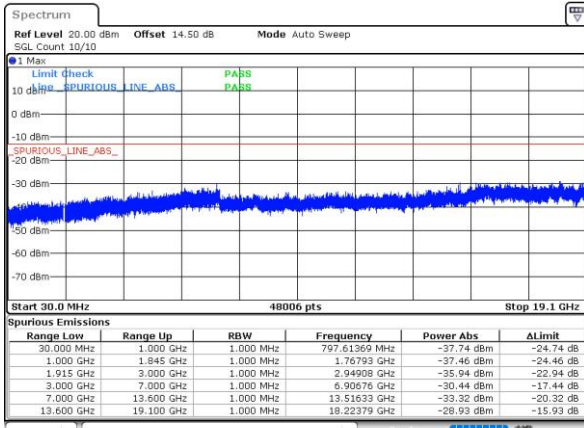


Date: 30 JUN 2020 22:18:11



## GSM1900 (GSM)

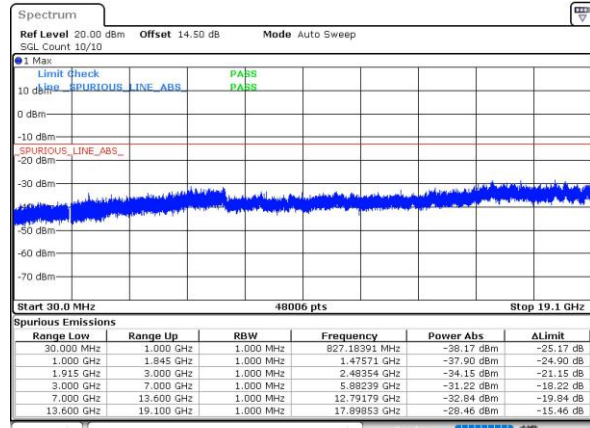
## Lowest Channel



Date: 30 JUN 2020 21:28:49

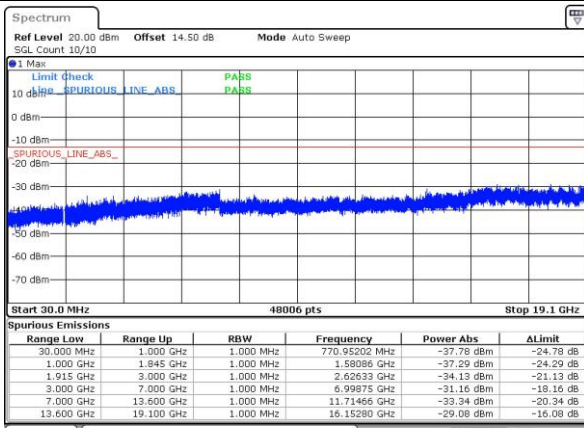
## GSM1900 (EDGE class 8)

## Lowest Channel

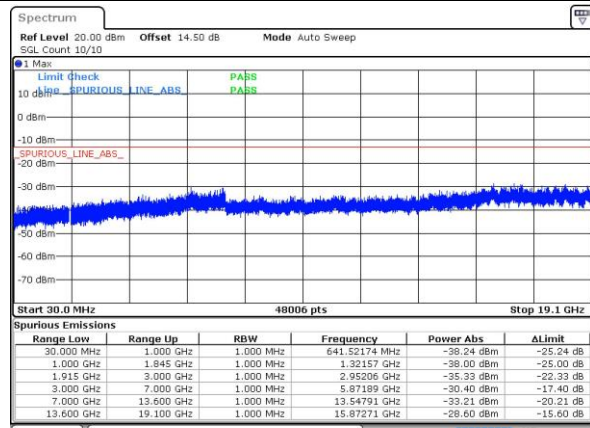


Date: 30 JUN 2020 21:51:30

## Middle Channel

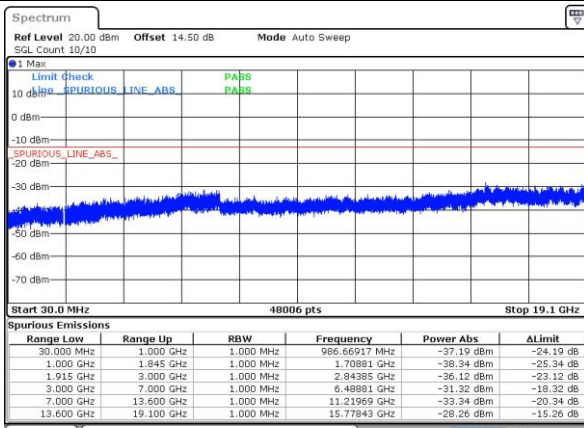


Date: 30 JUN 2020 21:29:16

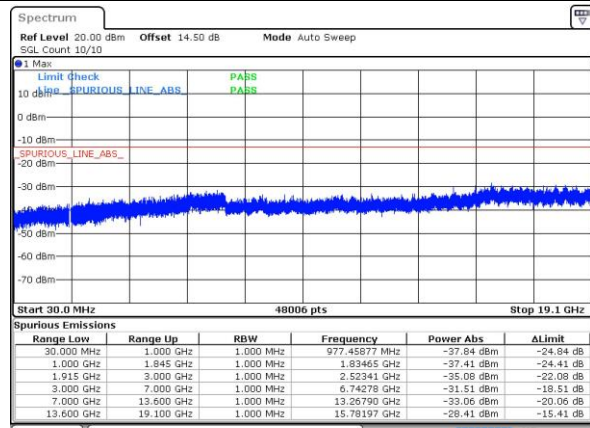


Date: 30 JUN 2020 21:51:54

## Highest Channel



Date: 30 JUN 2020 21:29:43

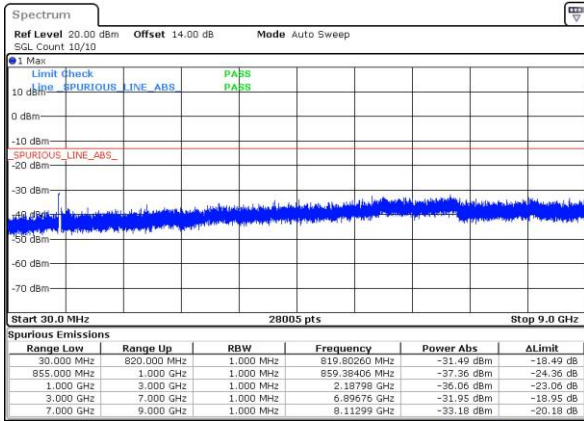


Date: 30 JUN 2020 21:52:22



## WCDMA Band V (RMC 12.2Kbps)

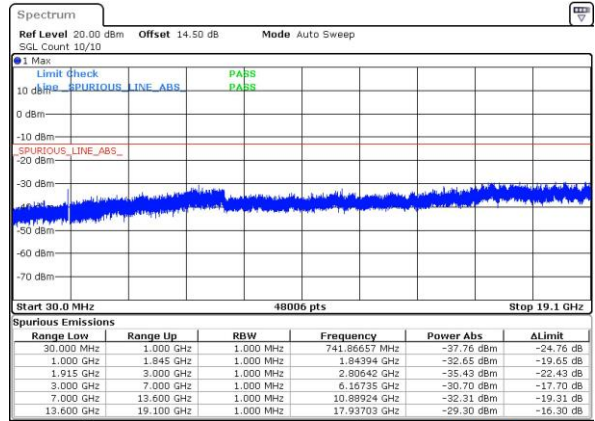
## Lowest Channel



Date: 29 JUN 2020 19:20:55

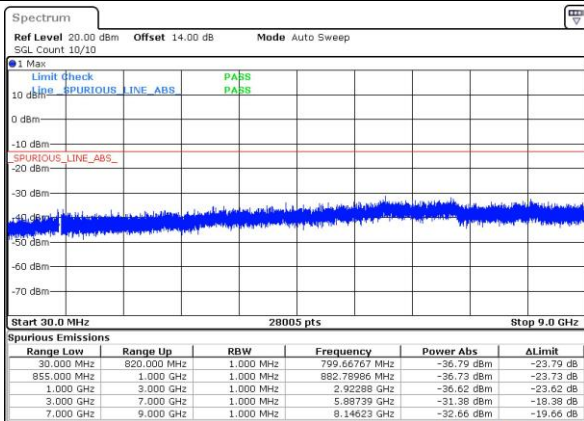
## WCDMA Band II (RMC 12.2Kbps)

## Lowest Channel



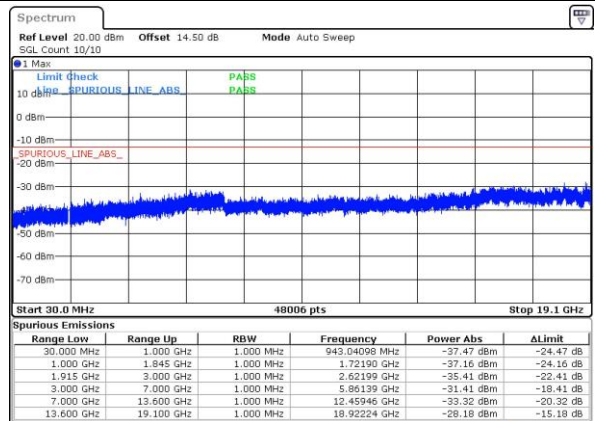
Date: 29 JUN 2020 19:32:11

## Middle Channel



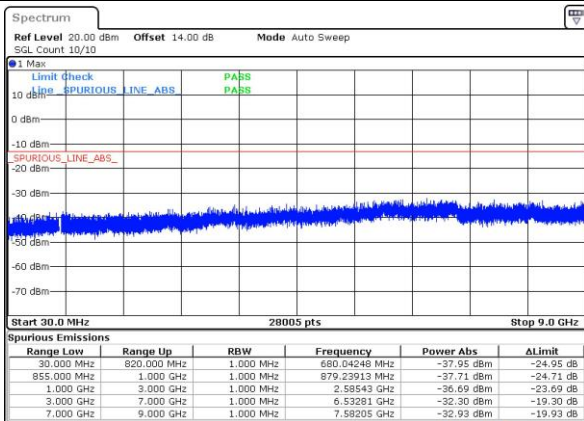
Date: 29 JUN 2020 19:22:55

## Middle Channel



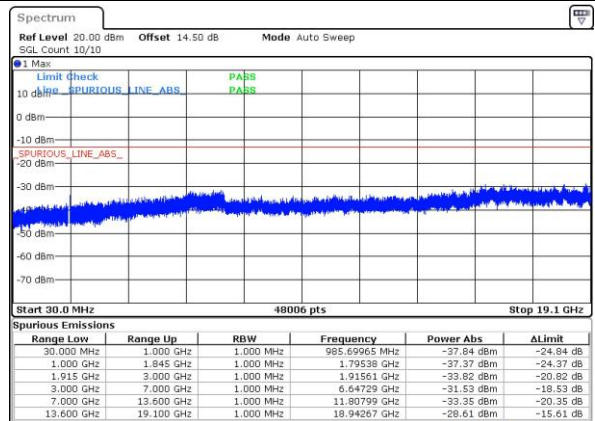
Date: 29 JUN 2020 19:32:30

## Highest Channel



Date: 29 JUN 2020 19:24:38

## Highest Channel

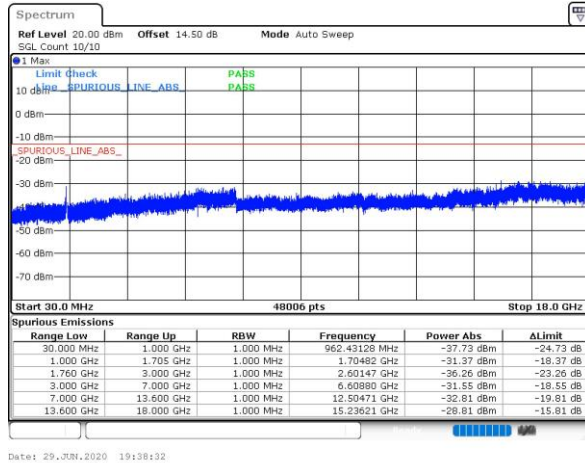


Date: 29 JUN 2020 19:32:50

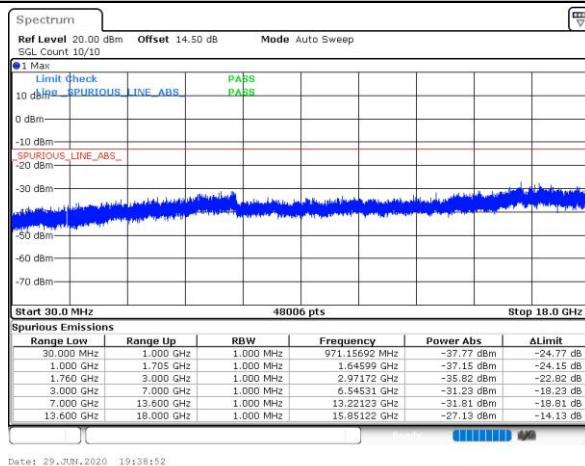


## WCDMA Band IV (RMC 12.2Kbps)

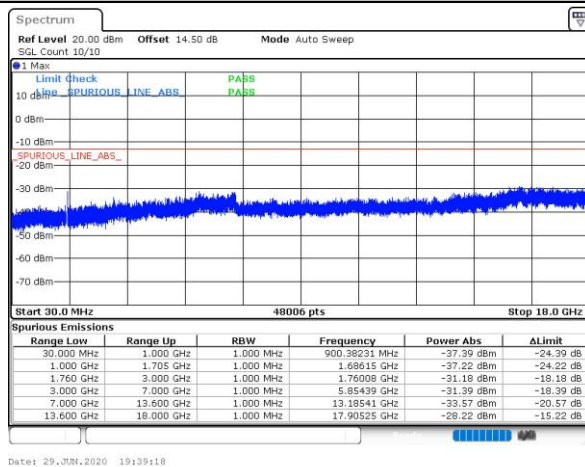
## Lowest Channel



## 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    | 0.0002          | 0.0006                   | PASS            |
| 40               | Normal Voltage    | 0.0006          | 0.0001                   |                 |
| 30               | Normal Voltage    | 0.0013          | 0.0011                   |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000          | 0.0000                   |                 |
| 10               | Normal Voltage    | 0.0006          | 0.0010                   |                 |
| 0                | Normal Voltage    | 0.0002          | 0.0002                   |                 |
| -10              | Normal Voltage    | 0.0001          | 0.0010                   |                 |
| -20              | Normal Voltage    | 0.0008          | 0.0001                   |                 |
| -30              | Normal Voltage    | 0.0018          | 0.0019                   |                 |
| 20               | Maximum Voltage   | 0.0007          | 0.0005                   |                 |
| 20               | Normal Voltage    | 0.0000          | 0.0000                   |                 |
| 20               | Battery End Point | 0.0014          | 0.0004                   |                 |

**Note:** Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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    | 0.0010           | 0.0002                    | PASS             |
| 40               | Normal Voltage    | 0.0011           | 0.0001                    |                  |
| 30               | Normal Voltage    | 0.0005           | 0.0003                    |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000           | 0.0000                    |                  |
| 10               | Normal Voltage    | 0.0007           | 0.0004                    |                  |
| 0                | Normal Voltage    | 0.0001           | 0.0005                    |                  |
| -10              | Normal Voltage    | 0.0010           | 0.0001                    |                  |
| -20              | Normal Voltage    | 0.0007           | 0.0002                    |                  |
| -30              | Normal Voltage    | 0.0013           | 0.0001                    |                  |
| 20               | Maximum Voltage   | 0.0001           | 0.0004                    |                  |
| 20               | Normal Voltage    | 0.0000           | 0.0000                    |                  |
| 20               | Battery End Point | 0.0003           | 0.0003                    |                  |

**Note:**

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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 12.2KbpsRMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                            | Result          |
| 50               | Normal Voltage    | 0.0004                                     | PASS            |
| 40               | Normal Voltage    | 0.0010                                     |                 |
| 30               | Normal Voltage    | 0.0023                                     |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                                     |                 |
| 10               | Normal Voltage    | 0.0017                                     |                 |
| 0                | Normal Voltage    | 0.0024                                     |                 |
| -10              | Normal Voltage    | 0.0007                                     |                 |
| -20              | Normal Voltage    | 0.0026                                     |                 |
| -30              | Normal Voltage    | 0.0010                                     |                 |
| 20               | Maximum Voltage   | 0.0007                                     |                 |
| 20               | Normal Voltage    | 0.0000                                     |                 |
| 20               | Battery End Point | 0.0005                                     |                 |

**Note:** Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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    | 0.0002                          | PASS             |
| 40               | Normal Voltage    | 0.0001                          |                  |
| 30               | Normal Voltage    | 0.0019                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0007                          |                  |
| 0                | Normal Voltage    | 0.0004                          |                  |
| -10              | Normal Voltage    | 0.0005                          |                  |
| -20              | Normal Voltage    | 0.0001                          |                  |
| -30              | Normal Voltage    | 0.0002                          |                  |
| 20               | Maximum Voltage   | 0.0002                          |                  |
| 20               | Normal Voltage    | 0.0002                          |                  |
| 20               | Battery End Point | 0.0003                          |                  |

**Note:**

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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    | 0.0009                          | PASS             |
| 40               | Normal Voltage    | 0.0001                          |                  |
| 30               | Normal Voltage    | 0.0003                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0005                          |                  |
| 0                | Normal Voltage    | 0.0009                          |                  |
| -10              | Normal Voltage    | 0.0014                          |                  |
| -20              | Normal Voltage    | 0.0010                          |                  |
| -30              | Normal Voltage    | 0.0004                          |                  |
| 20               | Maximum Voltage   | 0.0008                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0006                          |                  |

**Note:**

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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

#### Top Antenna

| GSM850 (GSM) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel      | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle       | 1672.8            | -64.90      | -13           | -51.90            | -75.84            | -68.15             | 4.00                 | 9.40                  | H                  |
|              | 2509.2            | -58.63      | -13           | -45.63            | -77.23            | -62.20             | 4.88                 | 10.60                 | H                  |
|              | 3345.6            | -59.34      | -13           | -46.34            | -79.95            | -64.27             | 5.52                 | 12.60                 | H                  |
|              | 1672.8            | -64.29      | -13           | -51.29            | -75.94            | -67.54             | 4.00                 | 9.40                  | V                  |
|              | 2509.2            | -59.35      | -13           | -46.35            | -78.16            | -62.92             | 4.88                 | 10.60                 | V                  |
|              | 3345.6            | -58.45      | -13           | -45.45            | -79.36            | -63.38             | 5.52                 | 12.60                 | 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) |
| Middle                | 1672.8            | -65.67      | -13           | -52.67            | -76.61            | -68.92             | 4.00                 | 9.40                  | H                  |
|                       | 2509.2            | -56.88      | -13           | -43.88            | -75.48            | -60.45             | 4.88                 | 10.60                 | H                  |
|                       | 3345.6            | -59.77      | -13           | -46.77            | -80.38            | -64.70             | 5.52                 | 12.60                 | H                  |
|                       | 1672.8            | -64.93      | -13           | -51.93            | -76.58            | -68.18             | 4.00                 | 9.40                  | V                  |
|                       | 2509.2            | -58.18      | -13           | -45.18            | -76.99            | -61.75             | 4.88                 | 10.60                 | V                  |
|                       | 3345.6            | -59.21      | -13           | -46.21            | -80.12            | -64.14             | 5.52                 | 12.60                 | V                  |

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

| GSM1900 (GSM) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle        | 3760              | -55.34       | -13           | -42.34            | -73.19            | -62.09             | 5.85                 | 12.60                 | H                  |
|               | 5640              | -51.40       | -13           | -38.40            | -72.86            | -57.20             | 7.30                 | 13.10                 | H                  |
|               | 7520              | -54.54       | -13           | -41.54            | -79.83            | -57.69             | 8.35                 | 11.50                 | H                  |
|               | 3760              | -57.78       | -13           | -44.78            | -74.86            | -64.53             | 5.85                 | 12.60                 | V                  |
|               | 5640              | -51.72       | -13           | -38.72            | -72.12            | -57.52             | 7.30                 | 13.10                 | V                  |
|               | 7520              | -55.33       | -13           | -42.33            | -80.04            | -58.48             | 8.35                 | 11.50                 | 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) |
| Middle                 | 3760              | -56.10       | -13           | -43.10            | -73.95            | -62.85             | 5.85                 | 12.60                 | H                  |
|                        | 5640              | -52.16       | -13           | -39.16            | -73.62            | -57.96             | 7.30                 | 13.10                 | H                  |
|                        | 7520              | -54.72       | -13           | -41.72            | -80.01            | -57.87             | 8.35                 | 11.50                 | H                  |
|                        | 3760              | -58.50       | -13           | -45.50            | -75.58            | -65.25             | 5.85                 | 12.60                 | V                  |
|                        | 5640              | -52.69       | -13           | -39.69            | -73.09            | -58.49             | 7.30                 | 13.10                 | V                  |
|                        | 7520              | -55.44       | -13           | -42.44            | -80.15            | -58.59             | 8.35                 | 11.50                 | V                  |

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

| WCDMA Band V(RMC 12.2Kbps) |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1672.8            | -65.31      | -13           | -52.31            | -76.25            | -68.56             | 4.00                 | 9.40                  | H                  |
|                            | 2509.2            | -60.00      | -13           | -47.00            | -78.60            | -63.57             | 4.88                 | 10.60                 | H                  |
|                            | 3345.6            | -59.00      | -13           | -46.00            | -79.61            | -63.93             | 5.52                 | 12.60                 | H                  |
|                            | 1672.8            | -64.90      | -13           | -51.90            | -76.55            | -68.15             | 4.00                 | 9.40                  | V                  |
|                            | 2509.2            | -60.01      | -13           | -47.01            | -78.82            | -63.58             | 4.88                 | 10.60                 | V                  |
|                            | 3345.6            | -59.26      | -13           | -46.26            | -80.17            | -64.19             | 5.52                 | 12.60                 | V                  |

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

| WCDMA Band II(RMC 12.2Kbps) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                      | 3760              | -58.12       | -13           | -45.12            | -75.97            | -64.87             | 5.85                 | 12.60                 | H                  |
|                             | 5640              | -58.11       | -13           | -45.11            | -79.57            | -63.91             | 7.30                 | 13.10                 | H                  |
|                             | 7520              | -54.72       | -13           | -41.72            | -80.01            | -57.87             | 8.35                 | 11.50                 | H                  |
|                             | 3760              | -60.37       | -13           | -47.37            | -77.45            | -67.12             | 5.85                 | 12.60                 | V                  |
|                             | 5640              | -59.26       | -13           | -46.26            | -79.66            | -65.06             | 7.30                 | 13.10                 | V                  |
|                             | 7520              | -55.33       | -13           | -42.33            | -80.04            | -58.48             | 8.35                 | 11.50                 | V                  |

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



| WCDMA Band IV(RMC 12.2Kbps) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                      | 3465.2            | -61.34       | -13           | -48.34            | -76.86            | -68.19             | 5.65                 | 12.50                 | H                  |
|                             | 5197.8            | -55.63       | -13           | -42.63            | -77.45            | -61.30             | 7.13                 | 12.80                 | H                  |
|                             | 6930.4            | -56.81       | -13           | -43.81            | -80.48            | -60.21             | 8.40                 | 11.80                 | H                  |
|                             | 3465.2            | -61.90       | -13           | -48.90            | -76.93            | -68.75             | 5.65                 | 12.50                 | V                  |
|                             | 5197.8            | -59.42       | -13           | -46.42            | -80.17            | -65.09             | 7.13                 | 12.80                 | V                  |
|                             | 6930.4            | -57.13       | -13           | -44.13            | -80.42            | -60.53             | 8.40                 | 11.80                 | V                  |

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

#### Bottom Antenna

| GSM850 (GSM) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel      | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle       | 1672.8            | -61.61      | -13           | -48.61            | -72.55            | -64.86             | 4.00                 | 9.40                  | H                  |
|              | 2509.2            | -59.78      | -13           | -46.78            | -78.38            | -63.35             | 4.88                 | 10.60                 | H                  |
|              | 3345.6            | -59.26      | -13           | -46.26            | -79.87            | -64.19             | 5.52                 | 12.60                 | H                  |
|              | 1672.8            | -52.41      | -13           | -39.41            | -64.06            | -55.66             | 4.00                 | 9.40                  | V                  |
|              | 2509.2            | -59.33      | -13           | -46.33            | -78.14            | -62.90             | 4.88                 | 10.60                 | V                  |
|              | 3345.6            | -58.80      | -13           | -45.80            | -79.71            | -63.73             | 5.52                 | 12.60                 | 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) |
| Middle                | 1672.8            | -54.31      | -13           | -41.31            | -65.25            | -57.56             | 4.00                 | 9.40                  | H                  |
|                       | 2509.2            | -59.38      | -13           | -46.38            | -77.98            | -62.95             | 4.88                 | 10.60                 | H                  |
|                       | 3345.6            | -58.46      | -13           | -45.46            | -79.07            | -63.39             | 5.52                 | 12.60                 | H                  |
|                       | 1672.8            | -54.49      | -13           | -41.49            | -66.14            | -57.74             | 4.00                 | 9.40                  | V                  |
|                       | 2509.2            | -59.44      | -13           | -46.44            | -78.25            | -63.01             | 4.88                 | 10.60                 | V                  |
|                       | 3345.6            | -58.76      | -13           | -45.76            | -79.67            | -63.69             | 5.52                 | 12.60                 | V                  |

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



| GSM1900 (GSM) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle        | 3760              | -57.69       | -13           | -44.69            | -75.54            | -64.44             | 5.85                 | 12.60                 | H                  |
|               | 5640              | -42.71       | -13           | -29.71            | -64.17            | -48.51             | 7.30                 | 13.10                 | H                  |
|               | 7520              | -54.58       | -13           | -41.58            | -79.87            | -57.73             | 8.35                 | 11.50                 | H                  |
|               | 3760              | -58.73       | -13           | -45.73            | -75.81            | -65.48             | 5.85                 | 12.60                 | V                  |
|               | 5640              | -45.14       | -13           | -32.14            | -65.54            | -50.94             | 7.30                 | 13.10                 | V                  |
|               | 7520              | -55.03       | -13           | -42.03            | -79.74            | -58.18             | 8.35                 | 11.50                 | 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) |
| Middle                 | 3760              | -57.40       | -13           | -44.40            | -75.25            | -64.15             | 5.85                 | 12.60                 | H                  |
|                        | 5640              | -43.31       | -13           | -30.31            | -64.77            | -49.11             | 7.30                 | 13.10                 | H                  |
|                        | 7520              | -54.53       | -13           | -41.53            | -79.82            | -57.68             | 8.35                 | 11.50                 | H                  |
|                        | 3760              | -59.19       | -13           | -46.19            | -76.27            | -65.94             | 5.85                 | 12.60                 | V                  |
|                        | 5640              | -44.95       | -13           | -31.95            | -65.35            | -50.75             | 7.30                 | 13.10                 | V                  |
|                        | 7520              | -55.46       | -13           | -42.46            | -80.17            | -58.61             | 8.35                 | 11.50                 | V                  |

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

| WCDMA Band V(RMC 12.2Kbps) |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1672.8            | -65.29      | -13           | -52.29            | -76.23            | -68.54             | 4.00                 | 9.40                  | H                  |
|                            | 2509.2            | -59.84      | -13           | -46.84            | -78.44            | -63.41             | 4.88                 | 10.60                 | H                  |
|                            | 3345.6            | -59.15      | -13           | -46.15            | -79.76            | -64.08             | 5.52                 | 12.60                 | H                  |
|                            | 1672.8            | -64.55      | -13           | -51.55            | -76.20            | -67.80             | 4.00                 | 9.40                  | V                  |
|                            | 2509.2            | -59.42      | -13           | -46.42            | -78.23            | -62.99             | 4.88                 | 10.60                 | V                  |
|                            | 3345.6            | -58.91      | -13           | -45.91            | -79.82            | -63.84             | 5.52                 | 12.60                 | V                  |

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



| WCDMA Band II(RMC 12.2Kbps) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                      | 3760                 | -59.78          | -13              | -46.78                  | -77.63                  | -66.53                   | 5.85                       | 12.60                       | H                     |
|                             | 5640                 | -58.42          | -13              | -45.42                  | -79.88                  | -64.22                   | 7.30                       | 13.10                       | H                     |
|                             | 7520                 | -54.74          | -13              | -41.74                  | -80.03                  | -57.89                   | 8.35                       | 11.50                       | H                     |
|                             | 3760                 | -60.49          | -13              | -47.49                  | -77.57                  | -67.24                   | 5.85                       | 12.60                       | V                     |
|                             | 5640                 | -58.94          | -13              | -45.94                  | -79.34                  | -64.74                   | 7.30                       | 13.10                       | V                     |
|                             | 7520                 | -55.29          | -13              | -42.29                  | -80                     | -58.44                   | 8.35                       | 11.50                       | V                     |

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

| WCDMA Band IV(RMC 12.2Kbps) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                      | 3465.2               | -61.47          | -13              | -48.47                  | -76.99                  | -68.32                   | 5.65                       | 12.50                       | H                     |
|                             | 5197.8               | -56.47          | -13              | -43.47                  | -78.29                  | -62.14                   | 7.13                       | 12.80                       | H                     |
|                             | 6930.4               | -56.82          | -13              | -43.82                  | -80.49                  | -60.22                   | 8.40                       | 11.80                       | H                     |
|                             | 3465.2               | -61.73          | -13              | -48.73                  | -76.76                  | -68.58                   | 5.65                       | 12.50                       | V                     |
|                             | 5197.8               | -59.73          | -13              | -46.73                  | -80.48                  | -65.40                   | 7.13                       | 12.80                       | V                     |
|                             | 6930.4               | -57.10          | -13              | -44.10                  | -80.39                  | -60.50                   | 8.40                       | 11.80                       | V                     |

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