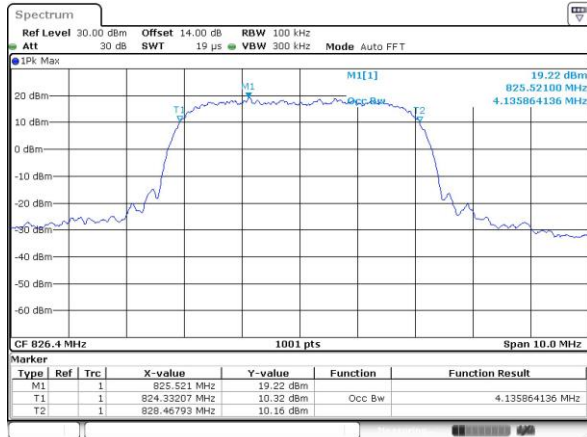




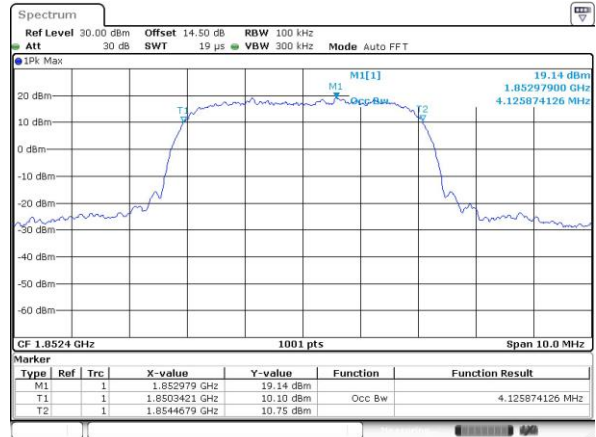
## WCDMA Band V (RMC 12.2Kbps)

## Lowest Channel

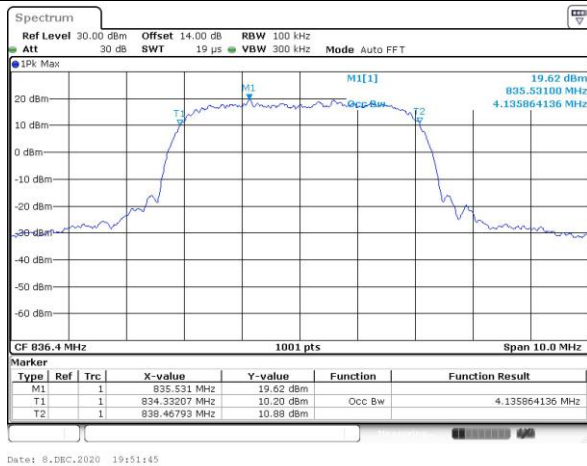


## WCDMA Band II (RMC 12.2Kbps)

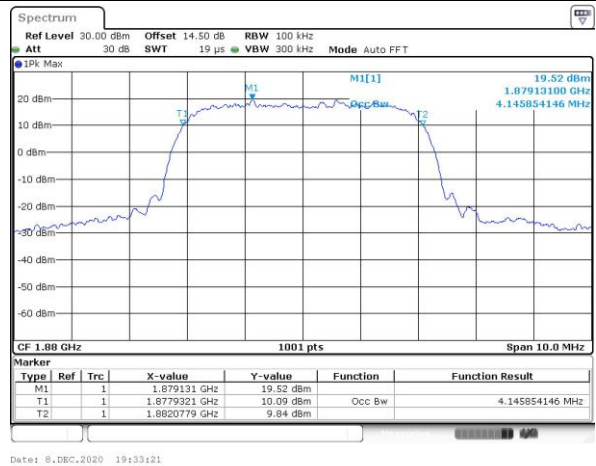
## Lowest Channel



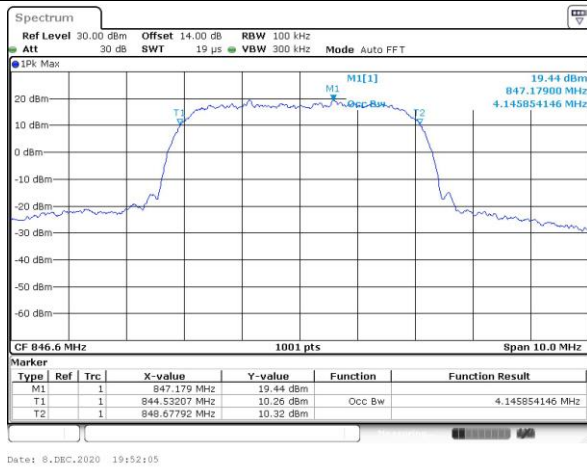
## Middle Channel



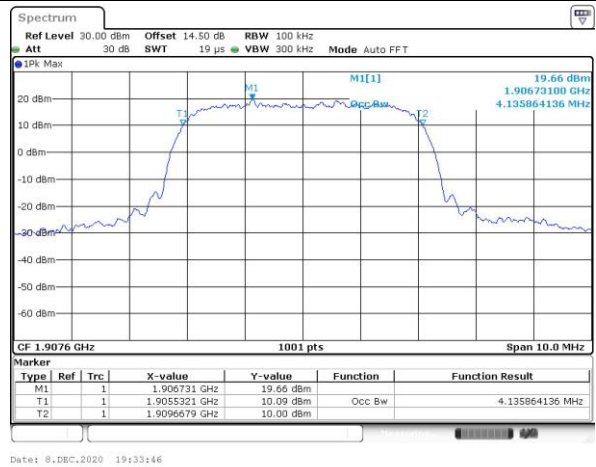
## Middle Channel



## Highest Channel

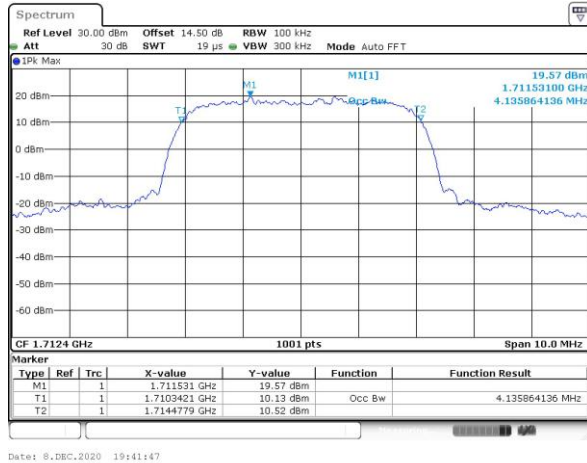


## Highest Channel

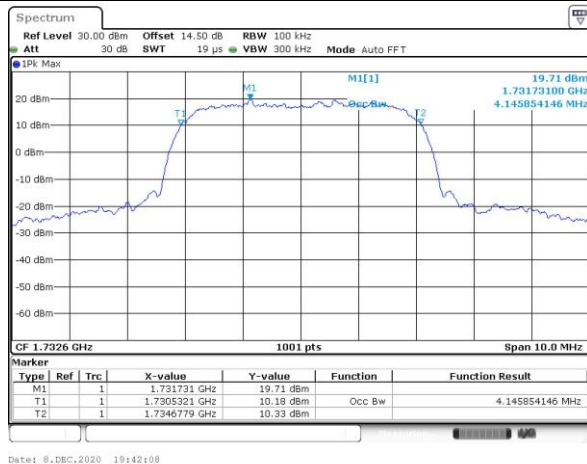


## WCDMA Band IV (RMC 12.2Kbps)

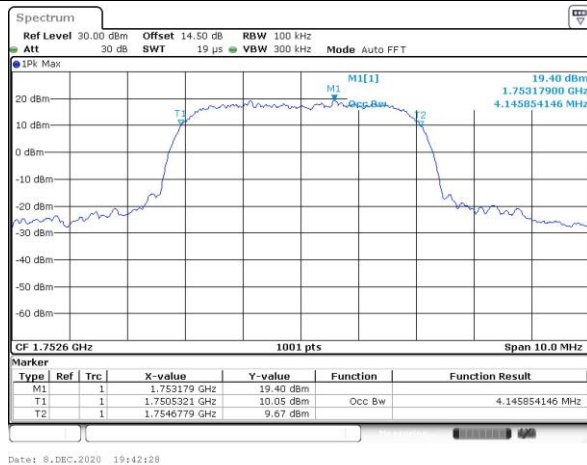
### Lowest Channel



### Middle Channel



### Highest Channel

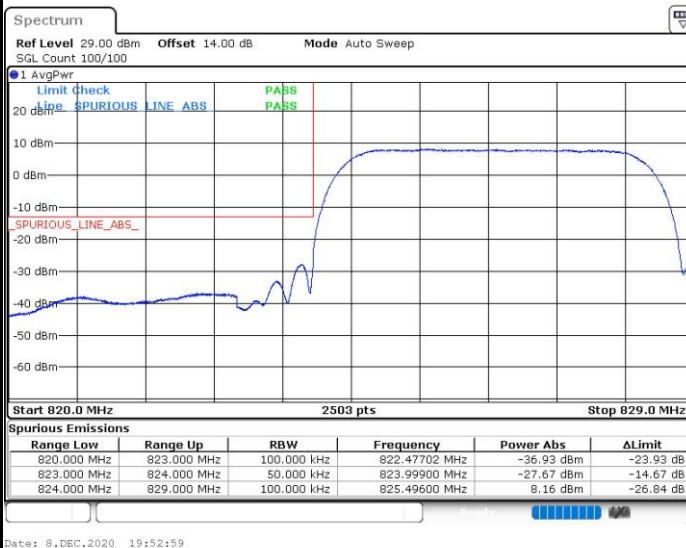




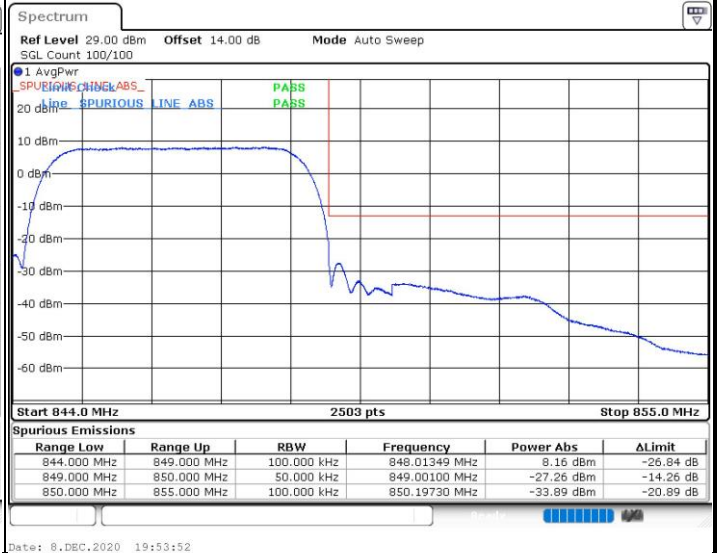
## Conducted Band Edge

### WCDMA Band V (RMC 12.2Kbps)

#### Lowest Band Edge

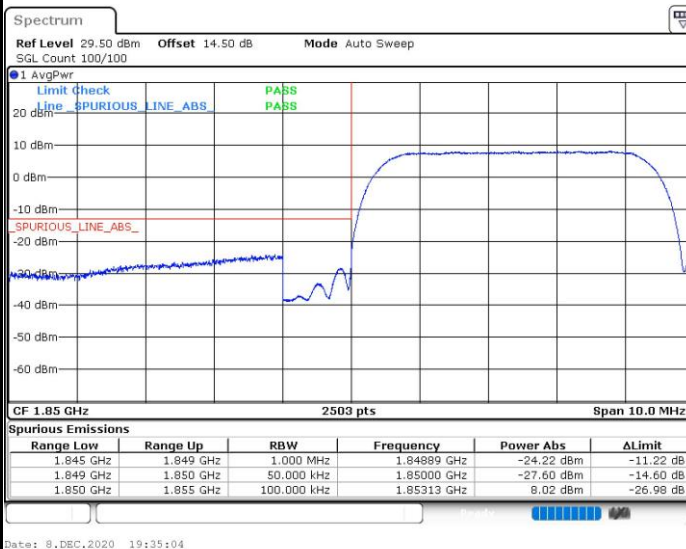


#### Highest Band Edge

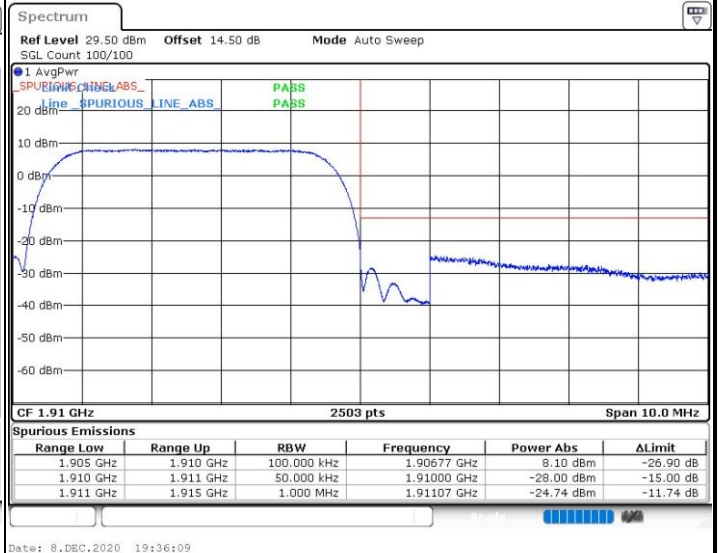


### WCDMA Band II (RMC 12.2Kbps)

#### Lowest Band Edge



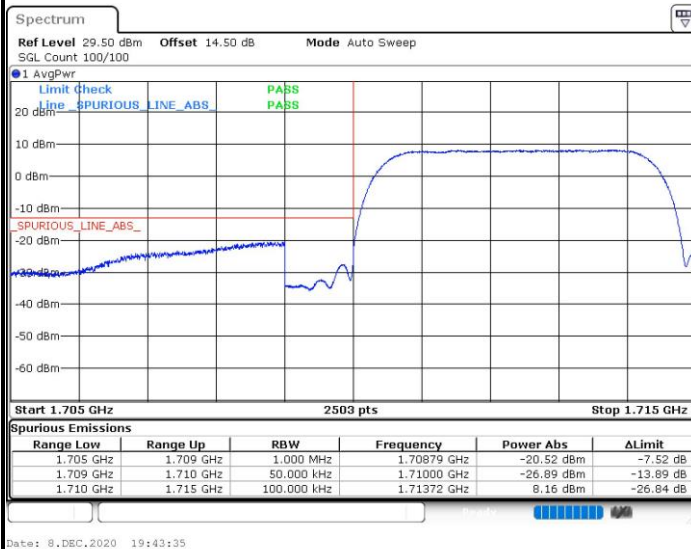
#### Highest Band Edge



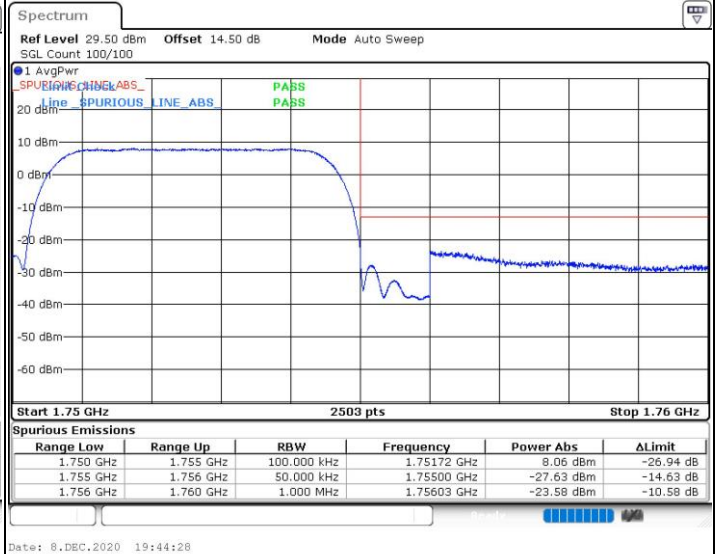


## WCDMA Band IV (RMC 12.2Kbps)

## Lowest Band Edge



## Highest Band Edge

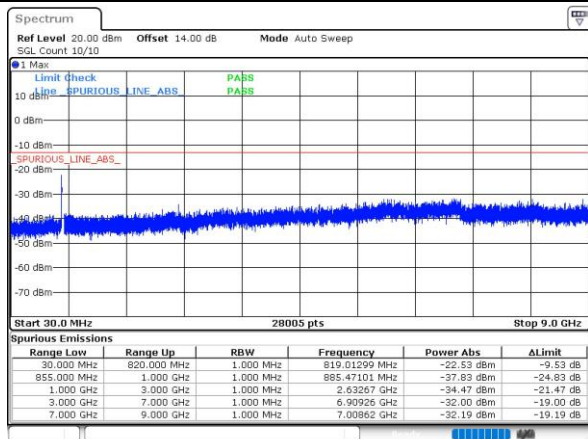




## Conducted Spurious Emission

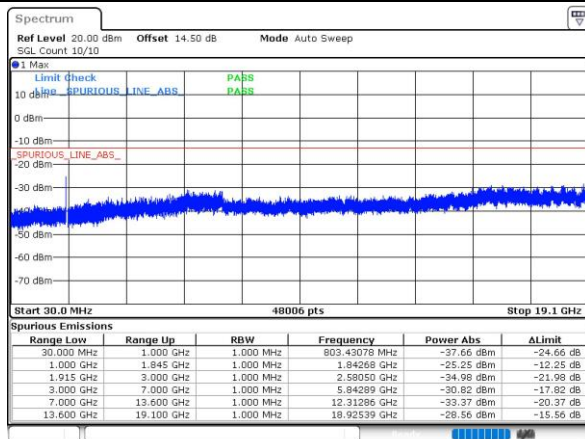
### WCDMA Band V (RMC 12.2Kbps)

#### Lowest Channel

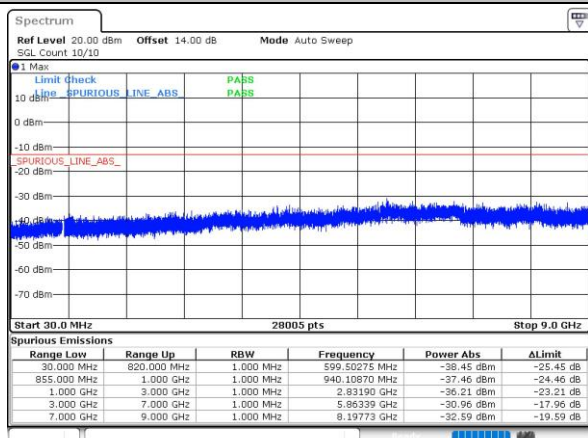


### WCDMA Band II (RMC 12.2Kbps)

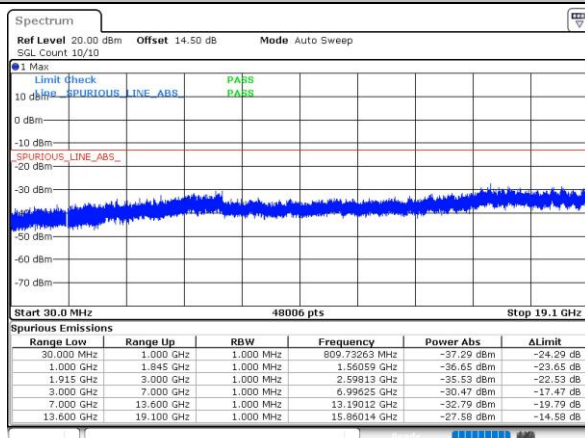
#### Lowest Channel



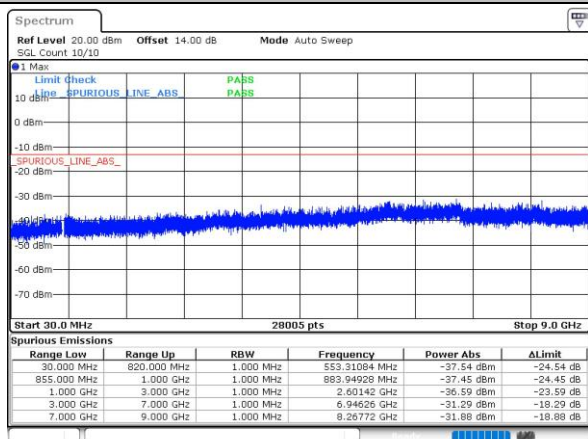
#### Middle Channel



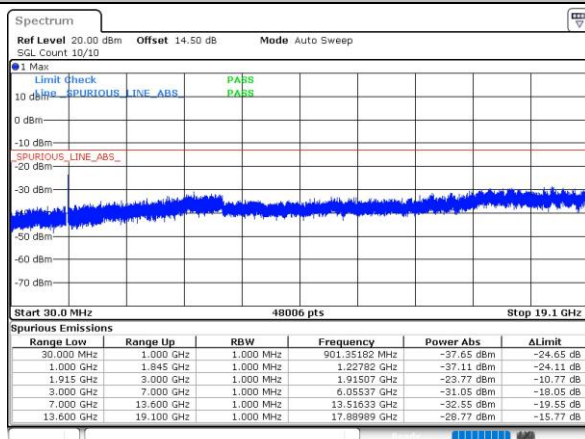
#### Middle Channel



#### Highest Channel



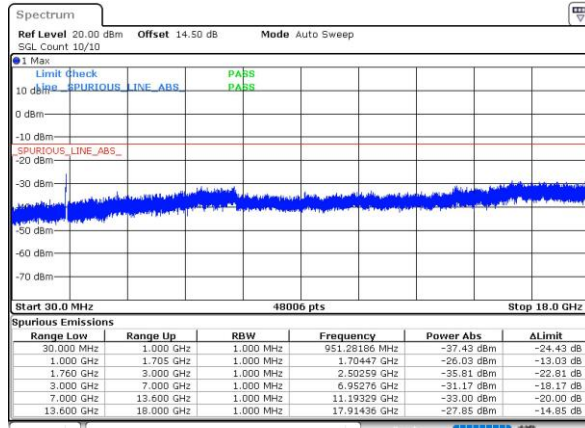
#### Highest Channel



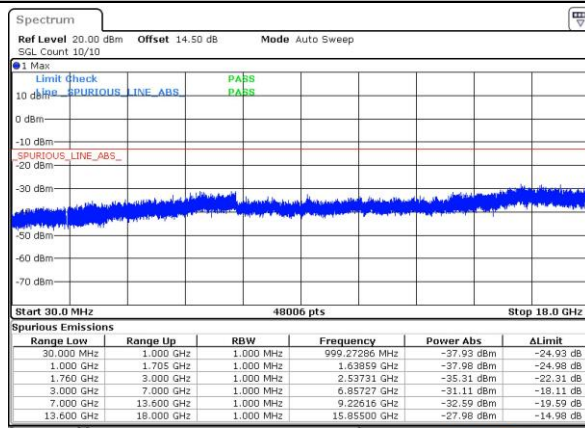


## WCDMA Band IV (RMC 12.2Kbps)

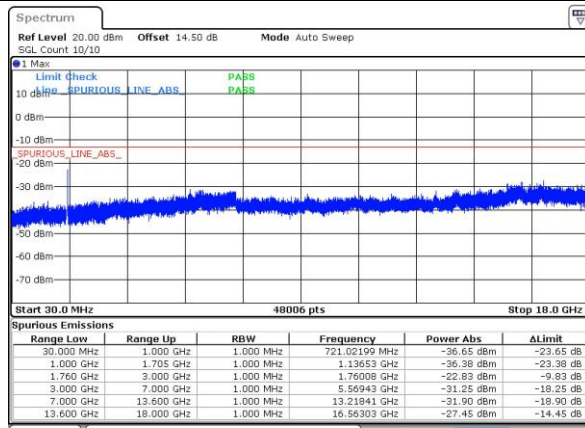
## Lowest Channel



## Middle Channel



## Highest Channel



**Frequency Stability**

| Test Conditions  | Middle Channel    | WCDMA Band V<br>(RMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                | Result          |
| 50               | Normal Voltage    | 0.0005                         | PASS            |
| 40               | Normal Voltage    | 0.0000                         |                 |
| 30               | Normal Voltage    | 0.0001                         |                 |
| 20(Ref.)         | Normal Voltage    | 0.0003                         |                 |
| 10               | Normal Voltage    | 0.0005                         |                 |
| 0                | Normal Voltage    | 0.0010                         |                 |
| -10              | Normal Voltage    | 0.0007                         |                 |
| -20              | Normal Voltage    | 0.0002                         |                 |
| -30              | Normal Voltage    | 0.0011                         |                 |
| 20               | Maximum Voltage   | 0.0002                         |                 |
| 20               | Normal Voltage    | 0.0000                         |                 |
| 20               | Battery End Point | 0.0007                         |                 |

| 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    | 0.0014                          | PASS             |
| 40               | Normal Voltage    | 0.0018                          |                  |
| 30               | Normal Voltage    | 0.0025                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0009                          |                  |
| 0                | Normal Voltage    | 0.0012                          |                  |
| -10              | Normal Voltage    | 0.0037                          |                  |
| -20              | Normal Voltage    | 0.0025                          |                  |
| -30              | Normal Voltage    | 0.0010                          |                  |
| 20               | Maximum Voltage   | 0.0009                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0017                          |                  |



| 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    | 0.0034                          | PASS             |
| 40               | Normal Voltage    | 0.0012                          |                  |
| 30               | Normal Voltage    | 0.0002                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0003                          |                  |
| 0                | Normal Voltage    | 0.0021                          |                  |
| -10              | Normal Voltage    | 0.0047                          |                  |
| -20              | Normal Voltage    | 0.0005                          |                  |
| -30              | Normal Voltage    | 0.0019                          |                  |
| 20               | Maximum Voltage   | 0.0003                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0005                          |                  |

**Note:**

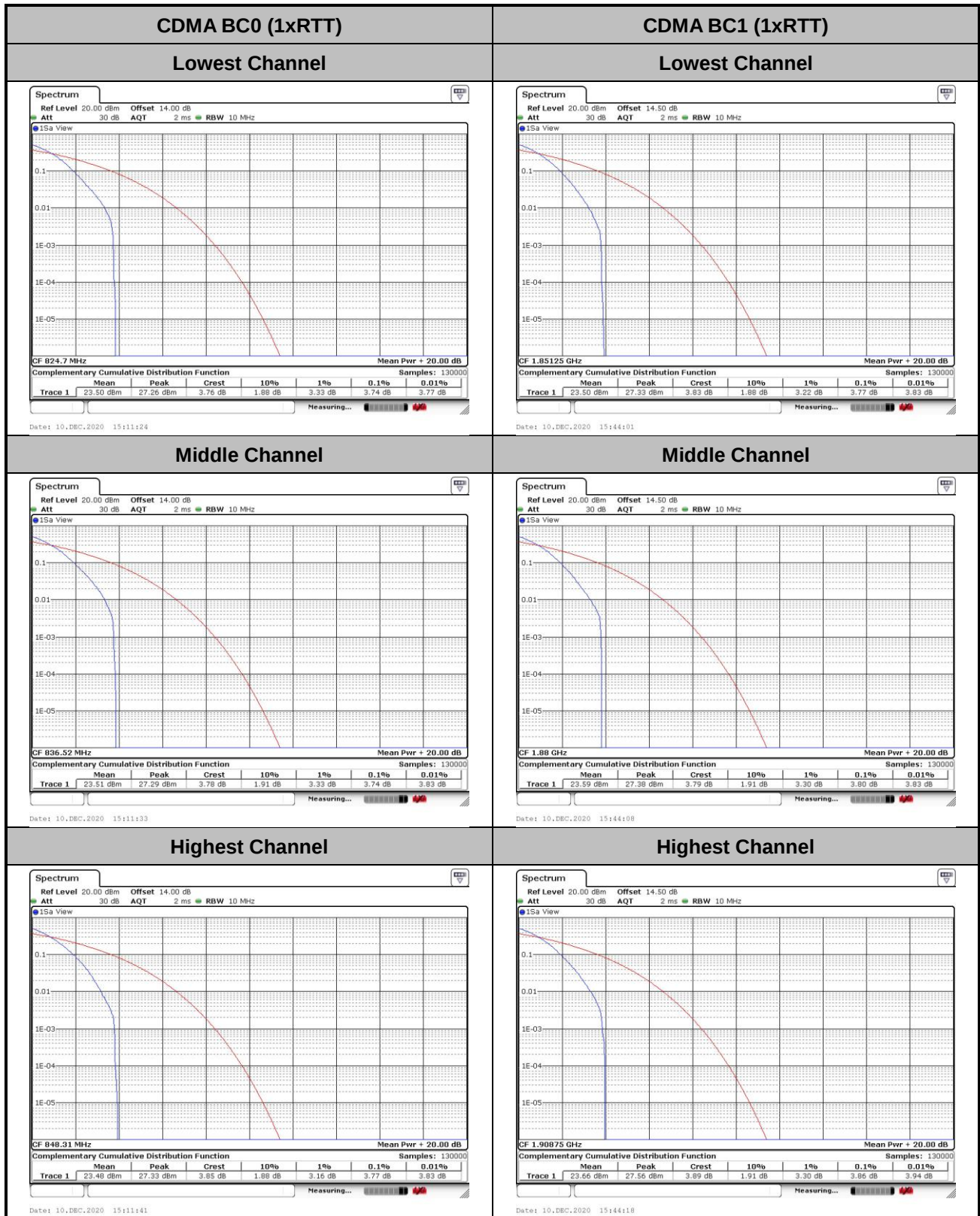
1. Normal Voltage = 7.74V ; Battery End Point (BEP) =7.2V ; Maximum Voltage = 8.9V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



### A3. CDMA

#### Peak-to-Average Ratio

| Mode       | CDMA BC0(dB) | CDMA BC1(dB) | Limit: 13dB |
|------------|--------------|--------------|-------------|
| Mod.       | 1xRTT        | 1xRTT        | Result      |
| Lowest CH  | 3.74         | 3.77         | PASS        |
| Middle CH  | 3.74         | 3.80         |             |
| Highest CH | 3.77         | 3.86         |             |





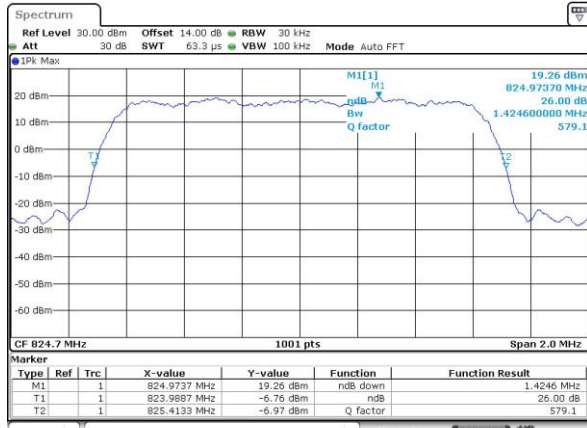
**26dB Bandwidth**

| Mode       | CDMA BC0(MHz) | CDMA BC1(MHz) |
|------------|---------------|---------------|
| Mod.       | 1xRTT         | 1xRTT         |
| Lowest CH  | 1.42          | 1.42          |
| Middle CH  | 1.42          | 1.43          |
| Highest CH | 1.42          | 1.42          |



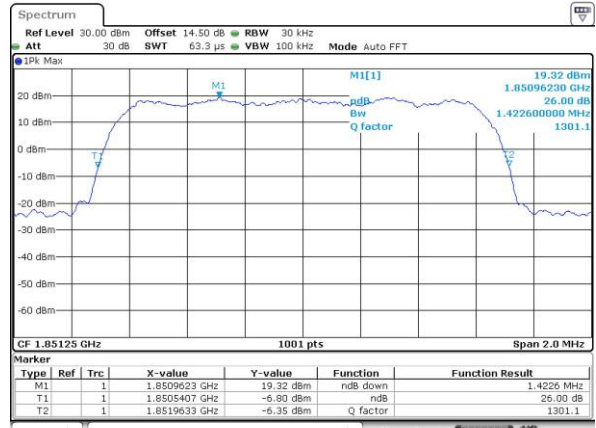
## CDMA BC0 (1xRTT)

## Lowest Channel

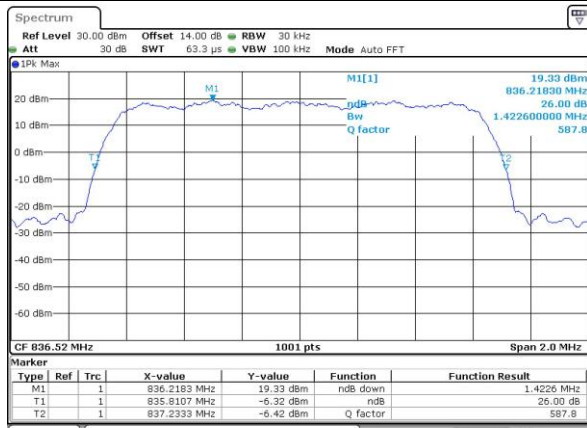


## CDMA BC1 (1xRTT)

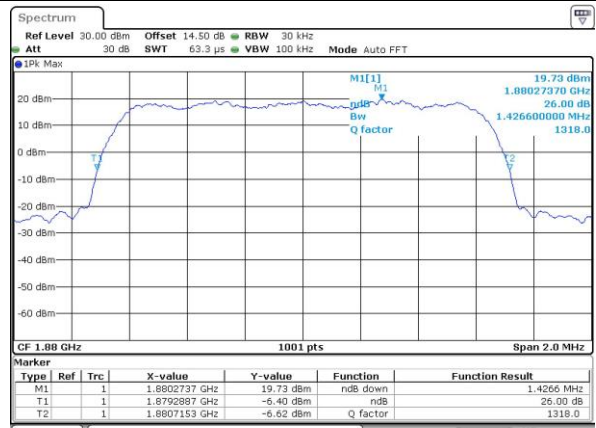
## Lowest Channel



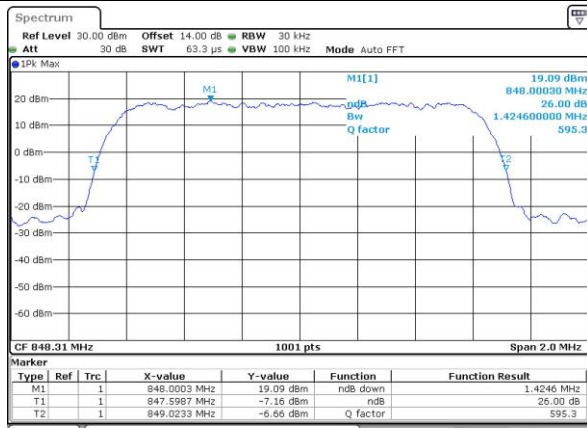
## Middle Channel



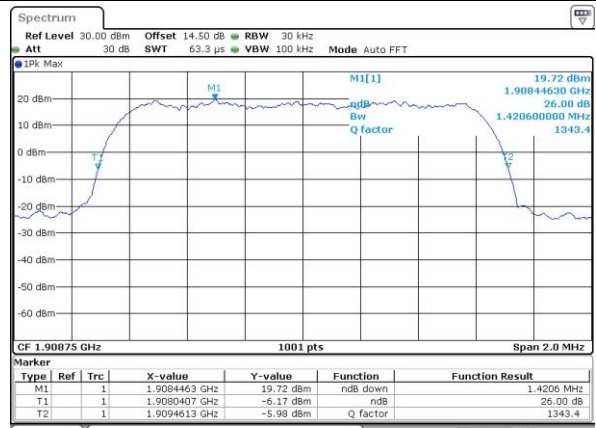
## Middle Channel



## Highest Channel



## Highest Channel





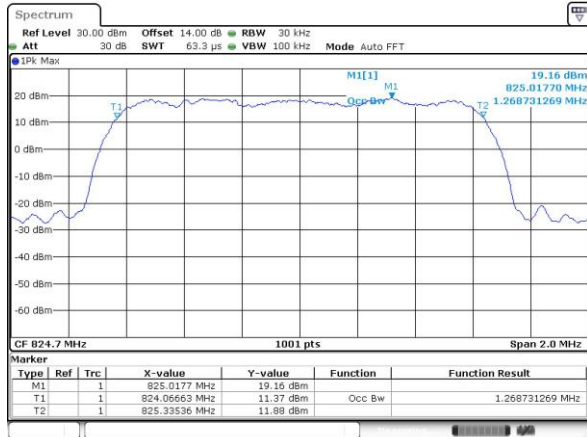
## Occupied Bandwidth

| Mode       | CDMA BC0(MHz) | CDMA BC1(MHz) |
|------------|---------------|---------------|
| Mod.       | 1xRTT         | 1xRTT         |
| Lowest CH  | 1.27          | 1.27          |
| Middle CH  | 1.27          | 1.27          |
| Highest CH | 1.27          | 1.27          |



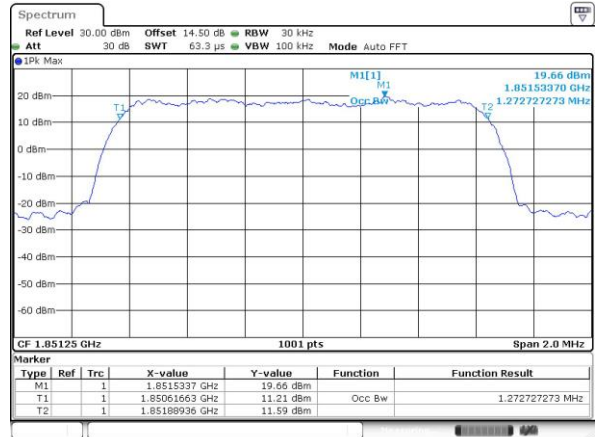
## CDMA BC0 (1xRTT)

## Lowest Channel

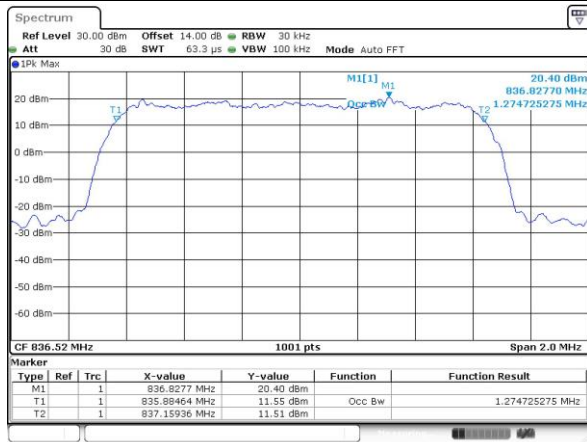


## CDMA BC1 (1xRTT)

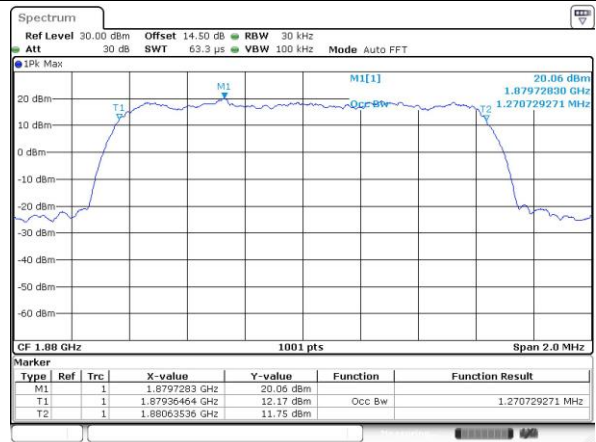
## Lowest Channel



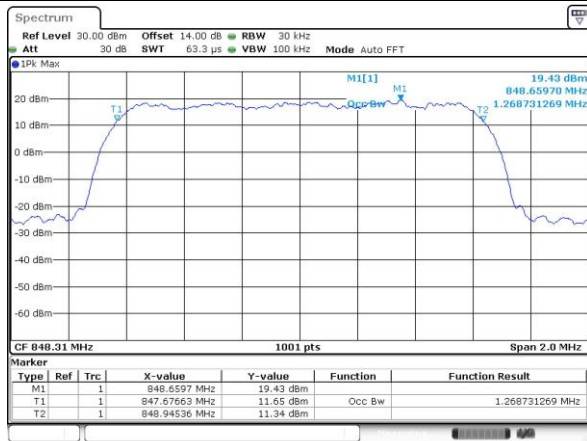
## Middle Channel



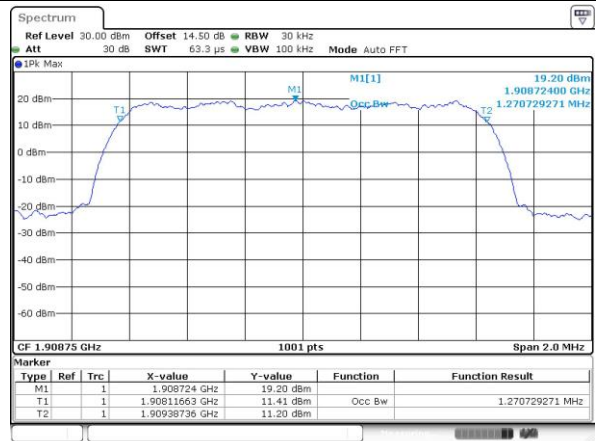
## Middle Channel



## Highest Channel



## Highest Channel

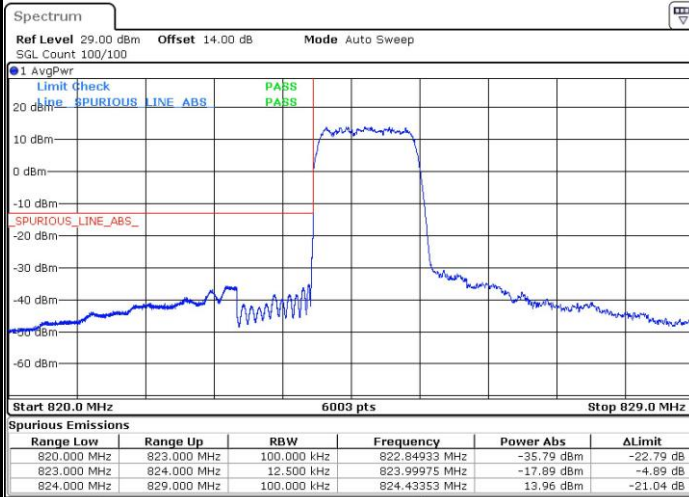




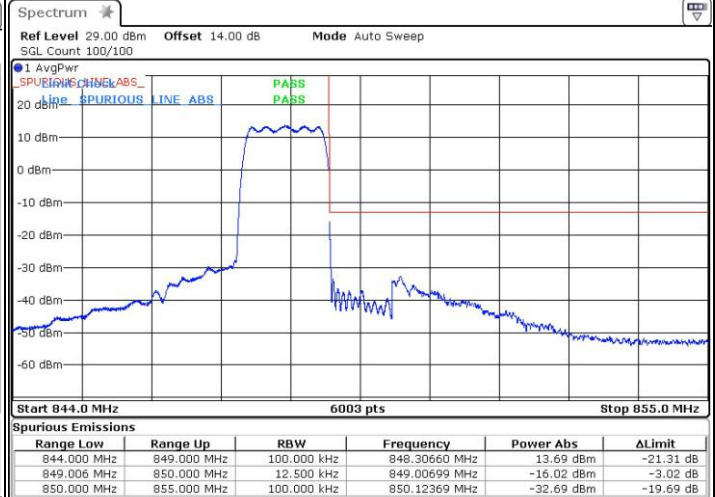
## Conducted Band Edge

### CDMA BC0 (1xRTT)

#### Lowest Band Edge

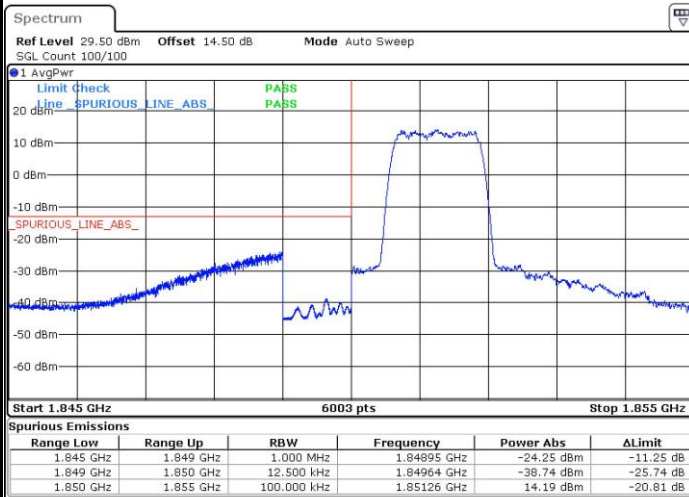


#### Highest Band Edge

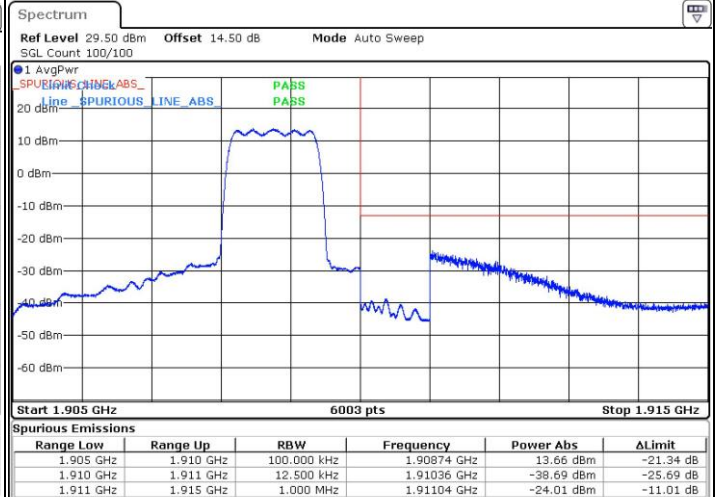


### CDMA BC1 (1xRTT)

#### Lowest Band Edge



#### Highest Band Edge

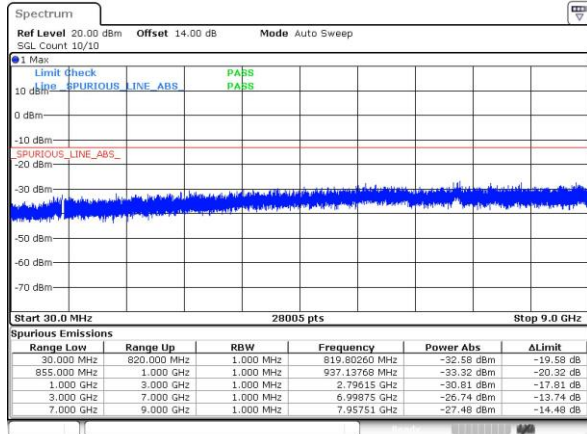




## Conducted Spurious Emission

### CDMA BC0 (1xRTT)

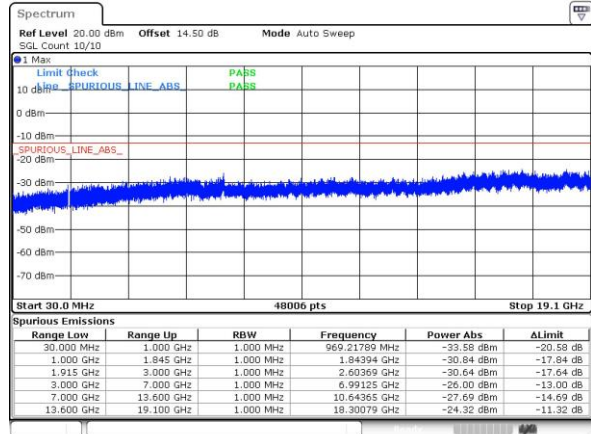
#### Lowest Channel



Date: 10, DEC, 2020 15:09:34

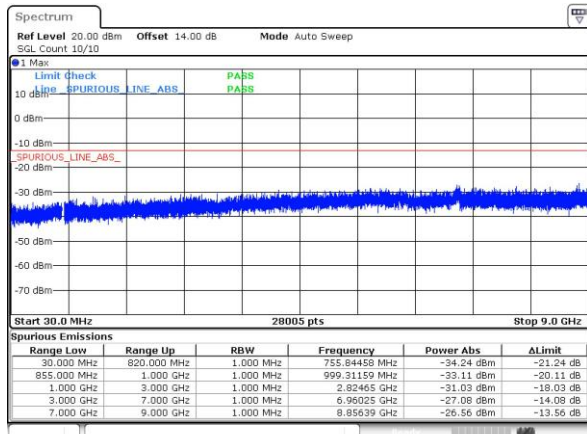
### CDMA BC1 (1xRTT)

#### Lowest Channel



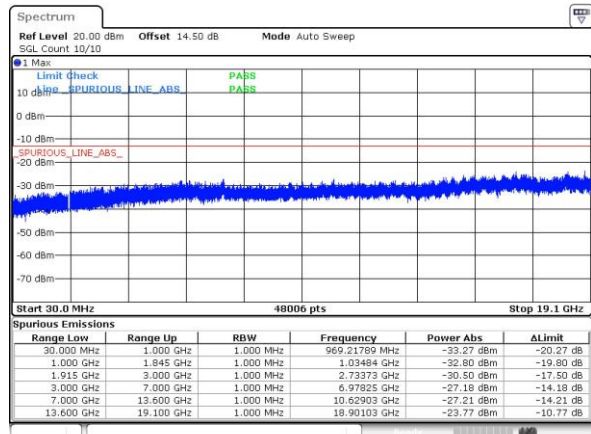
Date: 10, DEC, 2020 15:43:03

### Middle Channel



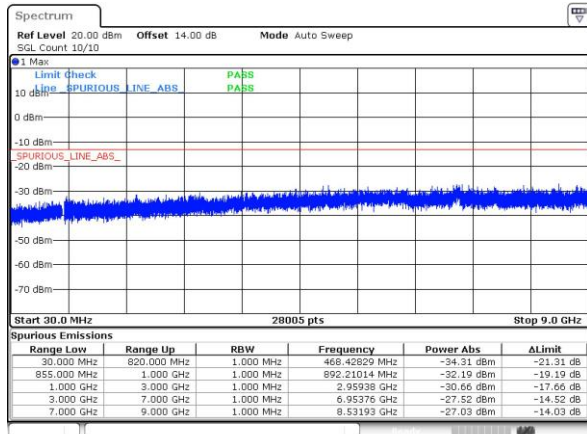
Date: 10, DEC, 2020 15:10:28

### Middle Channel



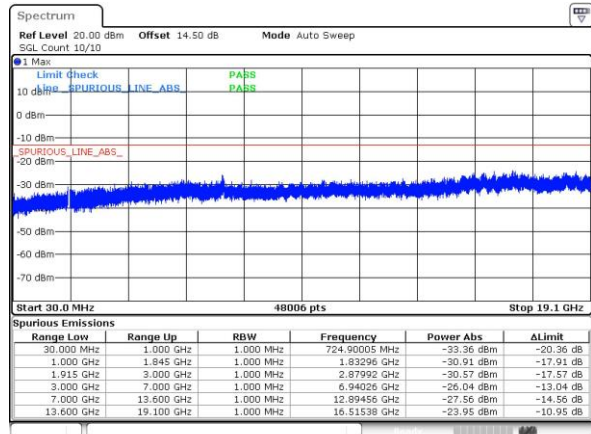
Date: 10, DEC, 2020 15:43:26

### Highest Channel



Date: 10, DEC, 2020 15:10:59

### Highest Channel



Date: 10, DEC, 2020 15:43:50

**Frequency Stability**

| Test Conditions  | Middle Channel    | CDMA BC0<br>(1xRTT) | Limit<br>2.5ppm |
|------------------|-------------------|---------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)     | Result          |
| 50               | Normal Voltage    | 0.0041              | PASS            |
| 40               | Normal Voltage    | 0.0032              |                 |
| 30               | Normal Voltage    | 0.0193              |                 |
| 20(Ref.)         | Normal Voltage    | 0.0031              |                 |
| 10               | Normal Voltage    | 0.0201              |                 |
| 0                | Normal Voltage    | 0.0035              |                 |
| -10              | Normal Voltage    | 0.0162              |                 |
| -20              | Normal Voltage    | 0.0049              |                 |
| -30              | Normal Voltage    | 0.0037              |                 |
| 20               | Maximum Voltage   | 0.0051              |                 |
| 20               | Normal Voltage    | 0.0028              |                 |
| 20               | Battery End Point | 0.0201              |                 |

| Test Conditions  | Middle Channel    | CDMA BC1<br>(1xRTT) | Limit<br>Note 2. |
|------------------|-------------------|---------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)     | Result           |
| 50               | Normal Voltage    | 0.0041              | PASS             |
| 40               | Normal Voltage    | 0.0023              |                  |
| 30               | Normal Voltage    | 0.0084              |                  |
| 20(Ref.)         | Normal Voltage    | 0.0061              |                  |
| 10               | Normal Voltage    | 0.0089              |                  |
| 0                | Normal Voltage    | 0.0121              |                  |
| -10              | Normal Voltage    | 0.00125             |                  |
| -20              | Normal Voltage    | 0.0041              |                  |
| -30              | Normal Voltage    | 0.0046              |                  |
| 20               | Maximum Voltage   | 0.0034              |                  |
| 20               | Normal Voltage    | 0.0091              |                  |
| 20               | Battery End Point | 0.0051              |                  |

**Note:**

1. Normal Voltage = 7.74V. ; Battery End Point (BEP) = 7.2 V. ; Maximum Voltage =8.9 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       | 1673.04           | -62.33      | -13           | -49.33            | -72.09            | -65.58             | 4.00                 | 9.40                  | H                  |
|              | 2509.56           | -46.05      | -13           | -33.05            | -60.25            | -49.62             | 4.88                 | 10.60                 | H                  |
|              | 3346.08           | -61.05      | -13           | -48.05            | -77.39            | -65.98             | 5.52                 | 12.60                 | H                  |
|              | 1673.04           | -62.99      | -13           | -49.99            | -72.20            | -66.24             | 4.00                 | 9.40                  | V                  |
|              | 2509.56           | -40.33      | -13           | -27.33            | -54.49            | -43.90             | 4.88                 | 10.60                 | V                  |
|              | 3346.08           | -61.33      | -13           | -48.33            | -77.40            | -66.26             | 5.52                 | 12.60                 | V                  |

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

| GSM850 (EDGE 1 Tx slots) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                   | 1672.8            | -62.12      | -13           | -49.12            | -71.88            | -65.37             | 4.00                 | 9.40                  | H                  |
|                          | 2509.2            | -38.37      | -13           | -25.37            | -52.57            | -41.94             | 4.88                 | 10.60                 | H                  |
|                          | 3345.6            | -61.27      | -13           | -48.27            | -77.61            | -66.20             | 5.52                 | 12.60                 | H                  |
|                          | 1672.8            | -62.09      | -13           | -49.09            | -71.30            | -65.34             | 4.00                 | 9.40                  | V                  |
|                          | 2509.2            | -37.42      | -13           | -24.42            | -51.58            | -40.99             | 4.88                 | 10.60                 | V                  |
|                          | 3345.6            | -61.49      | -13           | -48.49            | -77.56            | -66.42             | 5.52                 | 12.60                 | 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            | -64.32      | -13           | -51.32            | -74.08            | -67.57             | 4.00                 | 9.40                  | H                  |
|                            | 2509.2            | -55.02      | -13           | -42.02            | -69.22            | -58.59             | 4.88                 | 10.60                 | H                  |
|                            | 3345.6            | -61.20      | -13           | -48.20            | -77.54            | -66.13             | 5.52                 | 12.60                 | H                  |
|                            | 1672.8            | -64.81      | -13           | -51.81            | -74.02            | -68.06             | 4.00                 | 9.40                  | V                  |
|                            | 2509.2            | -55.34      | -13           | -42.34            | -69.50            | -58.91             | 4.88                 | 10.60                 | V                  |
|                            | 3345.6            | -61.31      | -13           | -48.31            | -77.38            | -66.24             | 5.52                 | 12.60                 | V                  |

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

| CDMA BC0(1xRTT) |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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          | 1673.04           | -64.31      | -13           | -51.31            | -74.07            | -67.56             | 4.00                 | 9.40                  | H                  |
|                 | 2509.56           | -57.99      | -13           | -44.99            | -72.19            | -61.56             | 4.88                 | 10.60                 | H                  |
|                 | 3346.08           | -61.50      | -13           | -48.50            | -77.84            | -66.43             | 5.52                 | 12.60                 | H                  |
|                 | 1673.04           | -64.75      | -13           | -51.75            | -73.96            | -68.00             | 4.00                 | 9.40                  | V                  |
|                 | 2509.56           | -54.19      | -13           | -41.19            | -68.35            | -57.76             | 4.88                 | 10.60                 | V                  |
|                 | 3346.08           | -61.66      | -13           | -48.66            | -77.73            | -66.59             | 5.52                 | 12.60                 | V                  |

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



| GSM1900 (GSM) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle        | 3760                 | -57.93          | -13              | -44.93                  | -77.01                  | -64.68                   | 5.85                       | 12.60                       | H                     |
|               | 5640                 | -54.01          | -13              | -41.01                  | -78.11                  | -59.81                   | 7.30                       | 13.10                       | H                     |
|               | 7520                 | -52.07          | -13              | -39.07                  | -78.81                  | -55.22                   | 8.35                       | 11.50                       | H                     |
|               | 3760                 | -57.62          | -13              | -44.62                  | -76.63                  | -64.37                   | 5.85                       | 12.60                       | V                     |
|               | 5640                 | -54.99          | -13              | -41.99                  | -78.34                  | -60.79                   | 7.30                       | 13.10                       | V                     |
|               | 7520                 | -52.04          | -13              | -39.04                  | -78.76                  | -55.19                   | 8.35                       | 11.50                       | V                     |

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

| GSM1900 (EDGE 1 Tx slots) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -57.85          | -13              | -44.85                  | -76.93                  | -64.60                   | 5.85                       | 12.60                       | H                     |
|                           | 5640                 | -54.38          | -13              | -41.38                  | -78.48                  | -60.18                   | 7.30                       | 13.10                       | H                     |
|                           | 7520                 | -51.84          | -13              | -38.84                  | -78.58                  | -54.99                   | 8.35                       | 11.50                       | H                     |
|                           | 3760                 | -58.24          | -13              | -45.24                  | -77.25                  | -64.99                   | 5.85                       | 12.60                       | V                     |
|                           | 5640                 | -54.96          | -13              | -41.96                  | -78.31                  | -60.76                   | 7.30                       | 13.10                       | V                     |
|                           | 7520                 | -52.29          | -13              | -39.29                  | -79.01                  | -55.44                   | 8.35                       | 11.50                       | V                     |

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



| WCDMA Band II(RMC 12.2Kbps) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( 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              | -57.94       | -13           | -44.94            | -77.02            | -64.69             | 5.85                 | 12.60                 | H                  |
|                             | 5640              | -54.60       | -13           | -41.60            | -78.70            | -60.40             | 7.30                 | 13.10                 | H                  |
|                             | 7520              | -52.38       | -13           | -39.38            | -79.12            | -55.53             | 8.35                 | 11.50                 | H                  |
|                             | 3760              | -58.33       | -13           | -45.33            | -77.34            | -65.08             | 5.85                 | 12.60                 | V                  |
|                             | 5640              | -55.47       | -13           | -42.47            | -78.82            | -61.27             | 7.30                 | 13.10                 | V                  |
|                             | 7520              | -52.41       | -13           | -39.41            | -79.13            | -55.56             | 8.35                 | 11.50                 | V                  |

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

| CDMA BC1(1xRTT) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -58.32       | -13           | -45.32            | -77.40            | -65.07             | 5.85                 | 12.60                 | H                  |
|                 | 5640              | -54.70       | -13           | -41.70            | -78.80            | -60.50             | 7.30                 | 13.10                 | H                  |
|                 | 7520              | -52.44       | -13           | -39.44            | -79.18            | -55.59             | 8.35                 | 11.50                 | H                  |
|                 | 3760              | -58.34       | -13           | -45.34            | -77.35            | -65.09             | 5.85                 | 12.60                 | V                  |
|                 | 5640              | -55.03       | -13           | -42.03            | -78.38            | -60.83             | 7.30                 | 13.10                 | V                  |
|                 | 7520              | -52.25       | -13           | -39.25            | -78.97            | -55.40             | 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            | -59.57       | -13           | -46.57            | -77.01            | -66.42             | 5.65                 | 12.50                 | H                  |
|                             | 5197.8            | -56.97       | -13           | -43.97            | -79.56            | -62.64             | 7.13                 | 12.80                 | H                  |
|                             | 6930.4            | -53.23       | -13           | -40.23            | -79.44            | -56.63             | 8.40                 | 11.80                 | H                  |
|                             | 3465.2            | -59.50       | -13           | -46.50            | -76.96            | -66.35             | 5.65                 | 12.50                 | V                  |
|                             | 5197.8            | -56.55       | -13           | -43.55            | -79.45            | -62.22             | 7.13                 | 12.80                 | V                  |
|                             | 6930.4            | -52.88       | -13           | -39.88            | -79.56            | -56.28             | 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            | -57.25      | -13           | -44.25            | -67.01            | -60.50             | 4.00                 | 9.40                  | H                  |
|              | 2509.2            | -52.95      | -13           | -39.95            | -67.15            | -56.52             | 4.88                 | 10.60                 | H                  |
|              | 3345.6            | -61.16      | -13           | -48.16            | -77.50            | -66.09             | 5.52                 | 12.60                 | H                  |
|              | 1672.8            | -58.37      | -13           | -45.37            | -67.58            | -61.62             | 4.00                 | 9.40                  | V                  |
|              | 2509.2            | -52.60      | -13           | -39.60            | -66.76            | -56.17             | 4.88                 | 10.60                 | V                  |
|              | 3345.6            | -61.47      | -13           | -48.47            | -77.54            | -66.40             | 5.52                 | 12.60                 | V                  |

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

| GSM850 (EDGE 1 Tx slots) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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            | -58.29      | -13           | -45.29            | -68.05            | -61.54             | 4.00                 | 9.40                  | H                  |
|                          | 2509.2            | -53.06      | -13           | -40.06            | -67.26            | -56.63             | 4.88                 | 10.60                 | H                  |
|                          | 3345.6            | -61.32      | -13           | -48.32            | -77.66            | -66.25             | 5.52                 | 12.60                 | H                  |
|                          | 1672.8            | -58.76      | -13           | -45.76            | -67.97            | -62.01             | 4.00                 | 9.40                  | V                  |
|                          | 2509.2            | -52.07      | -13           | -39.07            | -66.23            | -55.64             | 4.88                 | 10.60                 | V                  |
|                          | 3345.6            | -61.28      | -13           | -48.28            | -77.35            | -66.21             | 5.52                 | 12.60                 | 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            | -64.33      | -13           | -51.33            | -74.09            | -67.58             | 4.00                 | 9.40                  | H                  |
|                            | 2509.2            | -61.66      | -13           | -48.66            | -75.86            | -65.23             | 4.88                 | 10.60                 | H                  |
|                            | 3345.6            | -61.36      | -13           | -48.36            | -77.70            | -66.29             | 5.52                 | 12.60                 | H                  |
|                            | 1672.8            | -64.94      | -13           | -51.94            | -74.15            | -68.19             | 4.00                 | 9.40                  | V                  |
|                            | 2509.2            | -61.43      | -13           | -48.43            | -75.59            | -65.00             | 4.88                 | 10.60                 | V                  |
|                            | 3345.6            | -61.73      | -13           | -48.73            | -77.80            | -66.66             | 5.52                 | 12.60                 | V                  |

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

| CDMA BC0(1xRTT) |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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          | 1673.04           | -64.24      | -13           | -51.24            | -74.00            | -67.49             | 4.00                 | 9.40                  | H                  |
|                 | 2509.56           | -61.52      | -13           | -48.52            | -75.72            | -65.09             | 4.88                 | 10.60                 | H                  |
|                 | 3346.08           | -60.80      | -13           | -47.80            | -77.14            | -65.73             | 5.52                 | 12.60                 | H                  |
|                 | 1673.04           | -64.67      | -13           | -51.67            | -73.88            | -67.92             | 4.00                 | 9.40                  | V                  |
|                 | 2509.56           | -61.61      | -13           | -48.61            | -75.77            | -65.18             | 4.88                 | 10.60                 | V                  |
|                 | 3346.08           | -61.56      | -13           | -48.56            | -77.63            | -66.49             | 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              | -58.11       | -13           | -45.11            | -77.19            | -64.86             | 5.85                 | 12.60                 | H                  |
|               | 5640              | -54.45       | -13           | -41.45            | -78.55            | -60.25             | 7.30                 | 13.10                 | H                  |
|               | 7520              | -52.63       | -13           | -39.63            | -79.37            | -55.78             | 8.35                 | 11.50                 | H                  |
|               | 3760              | -58.47       | -13           | -45.47            | -77.48            | -65.22             | 5.85                 | 12.60                 | V                  |
|               | 5640              | -55.08       | -13           | -42.08            | -78.43            | -60.88             | 7.30                 | 13.10                 | V                  |
|               | 7520              | -52.34       | -13           | -39.34            | -79.06            | -55.49             | 8.35                 | 11.50                 | V                  |

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

| GSM1900 (EDGE 1 Tx slots) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -58.09       | -13           | -45.09            | -77.17            | -64.84             | 5.85                 | 12.60                 | H                  |
|                           | 5640              | -54.70       | -13           | -41.70            | -78.80            | -60.50             | 7.30                 | 13.10                 | H                  |
|                           | 7520              | -52.46       | -13           | -39.46            | -79.20            | -55.61             | 8.35                 | 11.50                 | H                  |
|                           | 3760              | -57.82       | -13           | -44.82            | -76.83            | -64.57             | 5.85                 | 12.60                 | V                  |
|                           | 5640              | -55.25       | -13           | -42.25            | -78.6             | -61.05             | 7.30                 | 13.10                 | V                  |
|                           | 7520              | -52.41       | -13           | -39.41            | -79.13            | -55.56             | 8.35                 | 11.50                 | V                  |

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



| WCDMA Band II(RMC 12.2Kbps) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( 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              | -58.36       | -13           | -45.36            | -77.44            | -65.11             | 5.85                 | 12.60                 | 3760               |
|                             | 5640              | -54.59       | -13           | -41.59            | -78.69            | -60.39             | 7.30                 | 13.10                 | 5640               |
|                             | 7520              | -52.12       | -13           | -39.12            | -78.86            | -55.27             | 8.35                 | 11.50                 | 7520               |
|                             | 3760              | -58.23       | -13           | -45.23            | -77.24            | -64.98             | 5.85                 | 12.60                 | 3760               |
|                             | 5640              | -55.20       | -13           | -42.20            | -78.55            | -61.00             | 7.30                 | 13.10                 | 5640               |
|                             | 7520              | -52.41       | -13           | -39.41            | -79.13            | -55.56             | 8.35                 | 11.50                 | 7520               |

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

| CDMA BC1(1xRTT) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -57.70       | -13           | -44.70            | -76.78            | -64.45             | 5.85                 | 12.60                 | H                  |
|                 | 5640              | -54.63       | -13           | -41.63            | -78.73            | -60.43             | 7.30                 | 13.10                 | H                  |
|                 | 7520              | -52.51       | -13           | -39.51            | -79.25            | -55.66             | 8.35                 | 11.50                 | H                  |
|                 | 3760              | -57.95       | -13           | -44.95            | -76.96            | -64.70             | 5.85                 | 12.60                 | V                  |
|                 | 5640              | -55.10       | -13           | -42.10            | -78.45            | -60.90             | 7.30                 | 13.10                 | V                  |
|                 | 7520              | -52.48       | -13           | -39.48            | -79.2             | -55.63             | 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            | -54.98       | -13           | -41.98            | -72.42            | -61.83             | 5.65                 | 12.50                 | H                  |
|                             | 5197.8            | -56.09       | -13           | -43.09            | -78.68            | -61.76             | 7.13                 | 12.80                 | H                  |
|                             | 6930.4            | -53.39       | -13           | -40.39            | -79.60            | -56.79             | 8.40                 | 11.80                 | H                  |
|                             | 3465.2            | -53.96       | -13           | -40.96            | -71.42            | -60.81             | 5.65                 | 12.50                 | V                  |
|                             | 5197.8            | -55.76       | -13           | -42.76            | -78.66            | -61.43             | 7.13                 | 12.80                 | V                  |
|                             | 6930.4            | -52.85       | -13           | -39.85            | -79.53            | -56.25             | 8.40                 | 11.80                 | V                  |

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