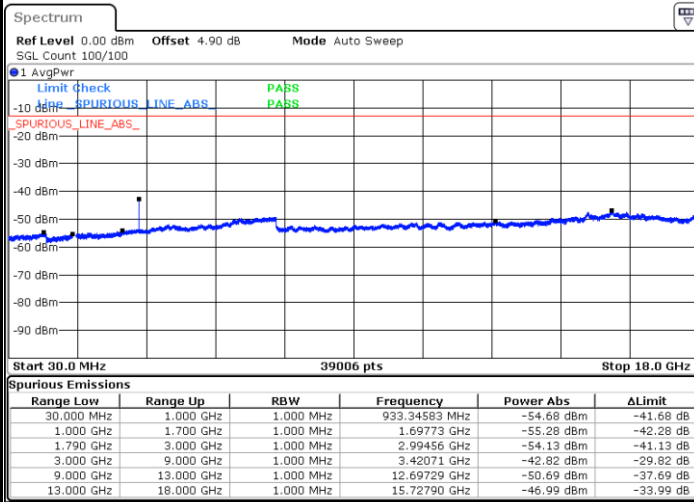




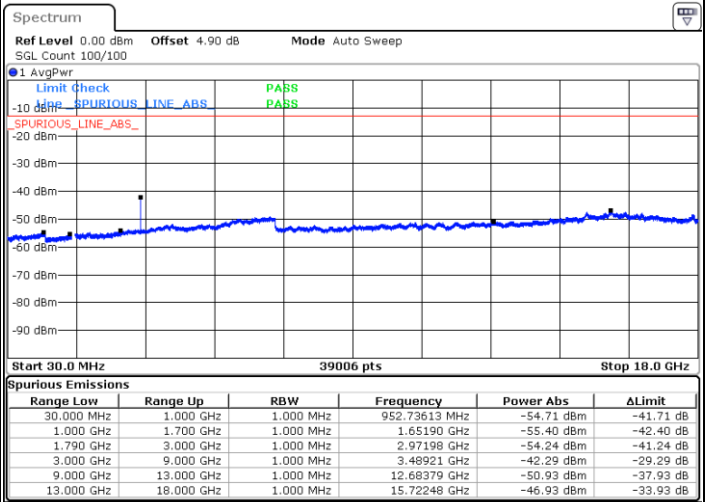
## LTE Band 66 / 1.4MHz

## Lowest Channel / 64QAM



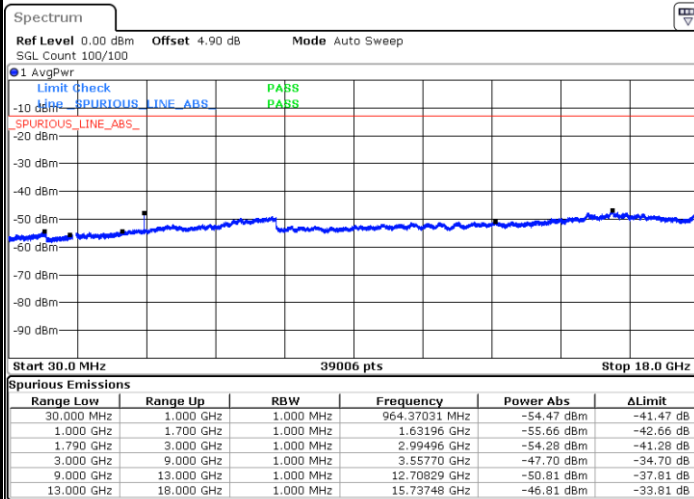
Date: 13 DEC 2017 19:12:23

## Middle Channel / 64QAM



Date: 13 DEC 2017 19:24:49

## Highest Channel / 64QAM

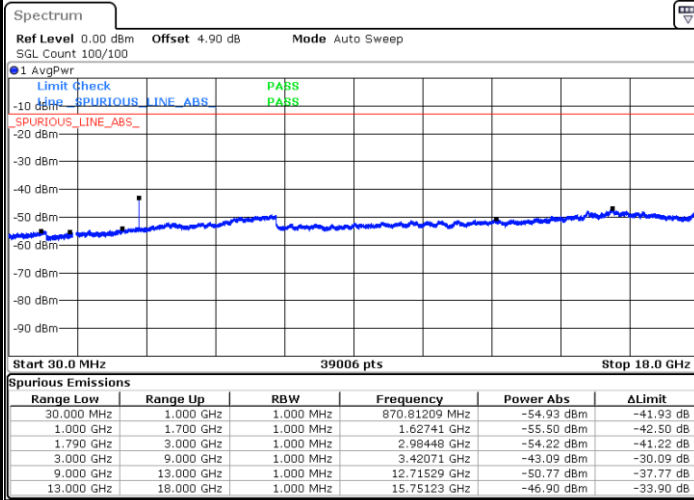


Date: 13 DEC 2017 19:25:58



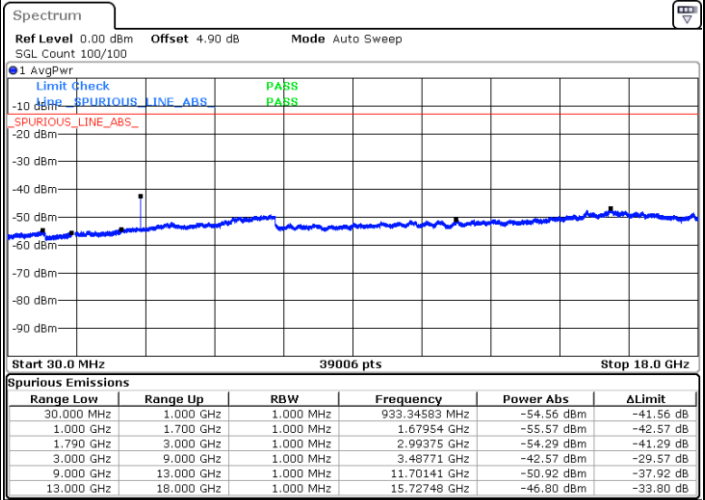
## LTE Band 66 / 3MHz

## Lowest Channel / 64QAM



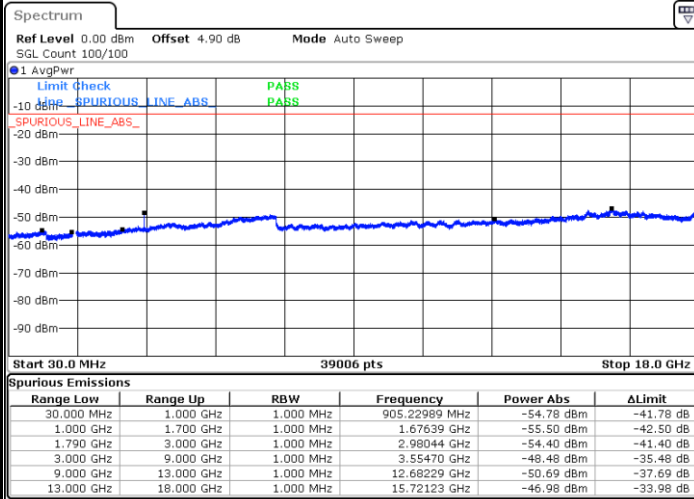
Date: 13 DEC 2017 20:08:40

## Middle Channel / 64QAM



Date: 13 DEC 2017 20:04:50

## Highest Channel / 64QAM

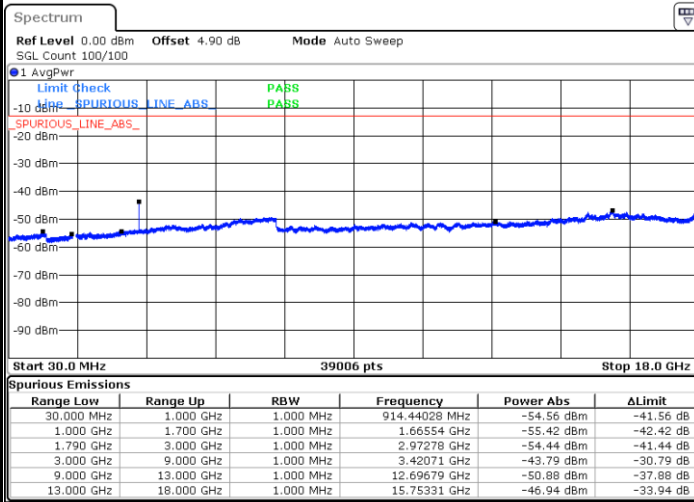


Date: 13 DEC 2017 19:59:33



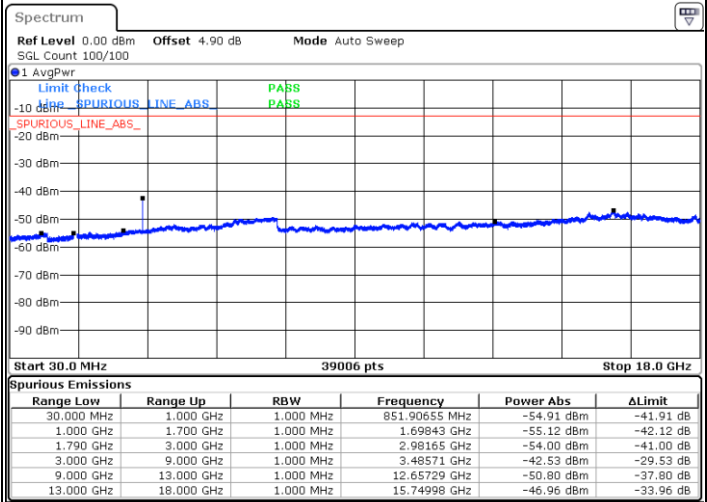
## LTE Band 66 / 5MHz

## Lowest Channel / 64QAM



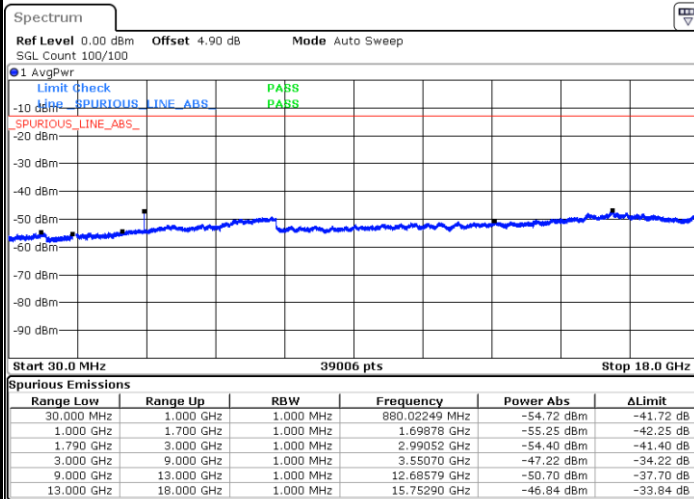
Date: 13 DEC 2017 20:44:32

## Middle Channel / 64QAM



Date: 13 DEC 2017 20:40:15

## Highest Channel / 64QAM

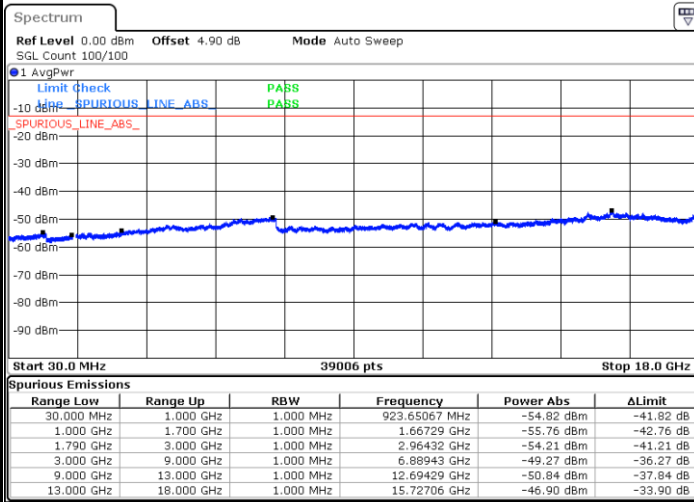


Date: 13 DEC 2017 20:37:39



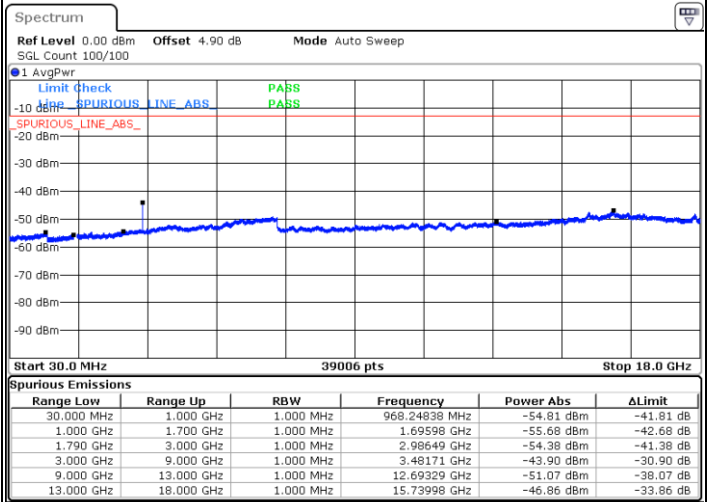
## LTE Band 66 / 10MHz

## Lowest Channel / 64QAM



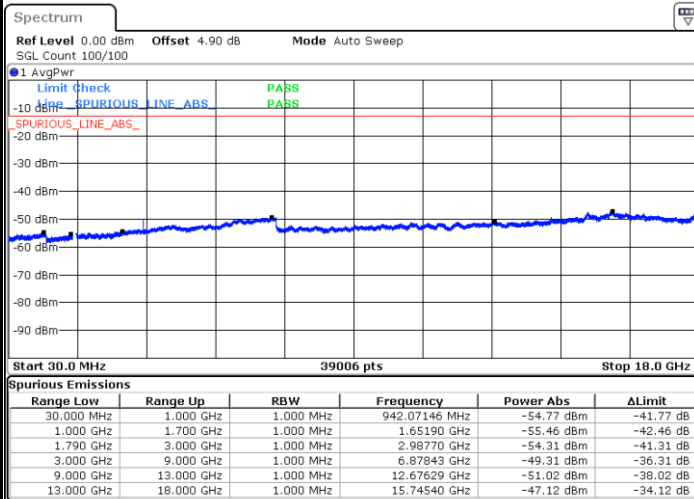
Date: 13.DEC.2017 21:19:11

## Middle Channel / 64QAM



Date: 13.DEC.2017 21:18:15

## Highest Channel / 64QAM

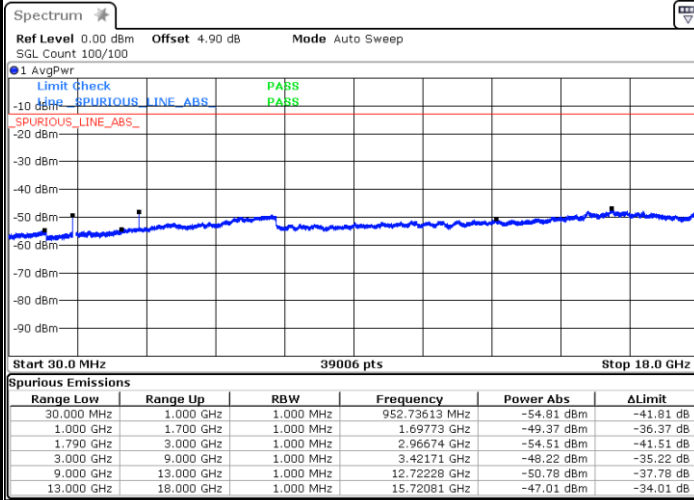


Date: 13.DEC.2017 21:03:46



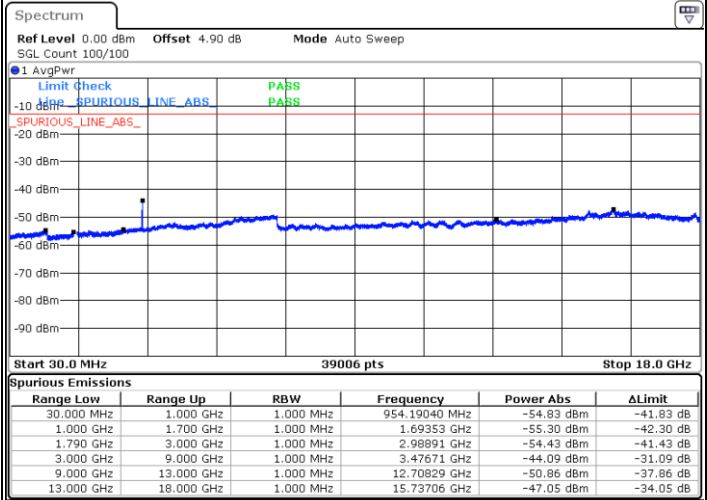
## LTE Band 66 / 15MHz

## Lowest Channel / 64QAM



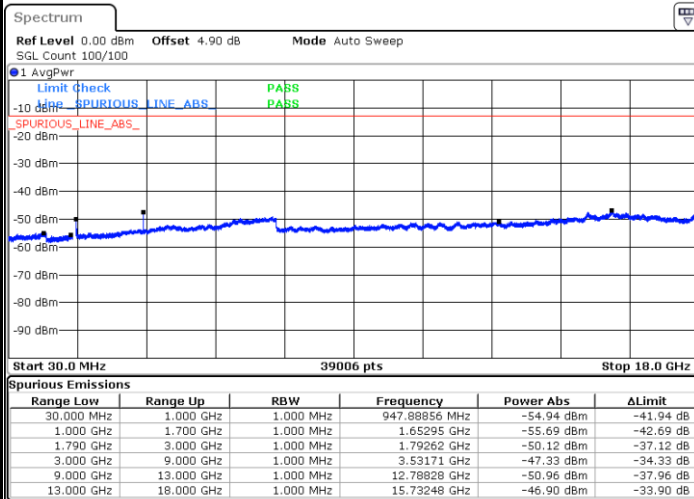
Date: 13 DEC 2017 21:40:18

## Middle Channel / 64QAM



Date: 13 DEC 2017 21:38:26

## Highest Channel / 64QAM

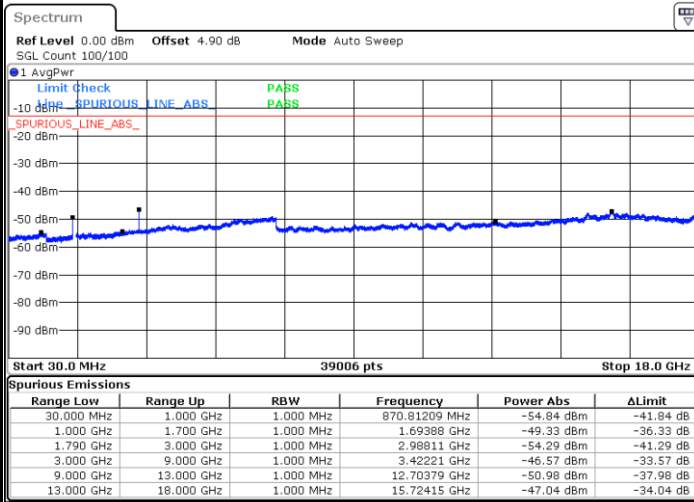


Date: 13 DEC 2017 21:35:09



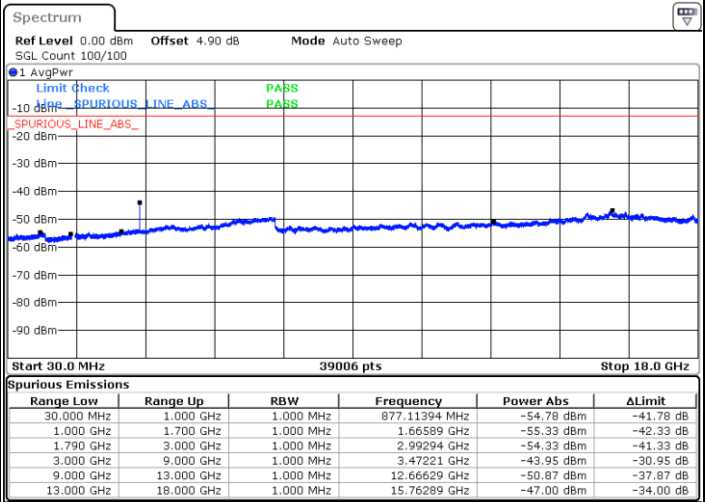
## LTE Band 66 / 20MHz

## Lowest Channel / 64QAM



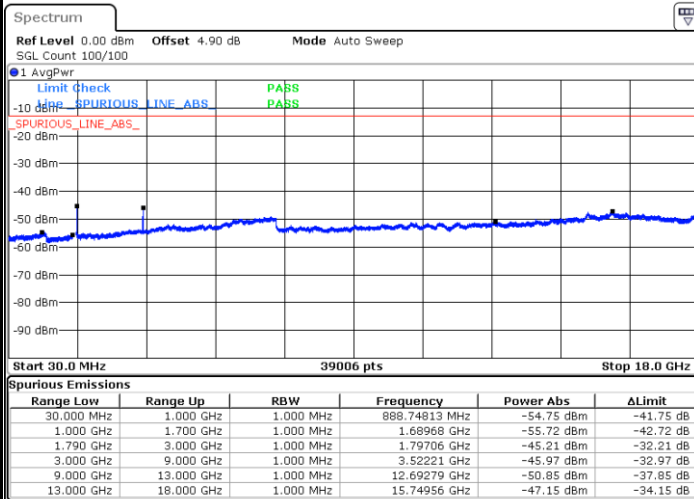
Date: 13 DEC 2017 21:57:17

## Middle Channel / 64QAM



Date: 13 DEC 2017 21:56:26

## Highest Channel / 64QAM



Date: 13 DEC 2017 21:51:59

**Frequency Stability**

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0011                             | PASS    |
| 40               | Normal Voltage    | 0.0005                             |         |
| 30               | Normal Voltage    | 0.0019                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0003                             |         |
| 0                | Normal Voltage    | 0.0022                             |         |
| -10              | Normal Voltage    | 0.0026                             |         |
| -20              | Normal Voltage    | 0.0003                             |         |
| -30              | Normal Voltage    | 0.0027                             |         |
| 20               | Maximum Voltage   | 0.0003                             |         |
| 20               | Normal Voltage    | 0.0001                             |         |
| 20               | Battery End Point | 0.0022                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0008                             | PASS    |
| 40               | Normal Voltage    | 0.0022                             |         |
| 30               | Normal Voltage    | 0.0002                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0026                             |         |
| 0                | Normal Voltage    | 0.0003                             |         |
| -10              | Normal Voltage    | 0.0000                             |         |
| -20              | Normal Voltage    | 0.0017                             |         |
| -30              | Normal Voltage    | 0.0000                             |         |
| 20               | Maximum Voltage   | 0.0025                             |         |
| 20               | Normal Voltage    | 0.0018                             |         |
| 20               | Battery End Point | 0.0008                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0022                             | PASS   |
| 40                  | Normal Voltage    | 0.0036                             |        |
| 30                  | Normal Voltage    | 0.0051                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0011                             |        |
| 0                   | Normal Voltage    | 0.0042                             |        |
| -10                 | Normal Voltage    | 0.0049                             |        |
| -20                 | Normal Voltage    | 0.0005                             |        |
| -30                 | Normal Voltage    | 0.0054                             |        |
| 20                  | Maximum Voltage   | 0.0006                             |        |
| 20                  | Normal Voltage    | 0.0002                             |        |
| 20                  | Battery End Point | 0.0027                             |        |

**Note:** Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.



| Test Conditions  |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0040                              | PASS    |
| 40               | Normal Voltage    | 0.0013                              |         |
| 30               | Normal Voltage    | 0.0025                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0016                              |         |
| 0                | Normal Voltage    | 0.0030                              |         |
| -10              | Normal Voltage    | 0.0018                              |         |
| -20              | Normal Voltage    | 0.0011                              |         |
| -30              | Normal Voltage    | 0.0004                              |         |
| 20               | Maximum Voltage   | 0.0024                              |         |
| 20               | Normal Voltage    | 0.0014                              |         |
| 20               | Battery End Point | 0.0017                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0013                              | PASS    |
| 40               | Normal Voltage    | 0.0033                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0039                              |         |
| 0                | Normal Voltage    | 0.0005                              |         |
| -10              | Normal Voltage    | 0.0001                              |         |
| -20              | Normal Voltage    | 0.0026                              |         |
| -30              | Normal Voltage    | 0.0001                              |         |
| 20               | Maximum Voltage   | 0.0037                              |         |
| 20               | Normal Voltage    | 0.0027                              |         |
| 20               | Battery End Point | 0.0001                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 3759              | -56.76       | -13           | -43.76            | -71.00            | -58.47             | 5.08                 | 6.80                  | H                  |
|                                                 | 5637              | -56.06       | -13           | -43.06            | -72.86            | -57.73             | 8.03                 | 9.70                  | H                  |
|                                                 | 7518              | -50.71       | -13           | -37.71            | -72.01            | -53.09             | 9.43                 | 11.81                 | H                  |
|                                                 | 3759              | -57.62       | -13           | -44.62            | -70.05            | -59.33             | 5.08                 | 6.80                  | V                  |
|                                                 | 5637              | -54.99       | -13           | -41.99            | -72.08            | -56.66             | 8.03                 | 9.70                  | V                  |
|                                                 | 7518              | -51.35       | -13           | -38.35            | -72.49            | -53.73             | 9.43                 | 11.81                 | V                  |

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

| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 3756              | -57.91       | -13           | -44.91            | -72.15            | -59.62             | 5.08                 | 6.80                  | H                  |
|                                               | 5637              | -55.80       | -13           | -42.80            | -72.60            | -57.47             | 8.03                 | 9.70                  | H                  |
|                                               | 7515              | -50.47       | -13           | -37.47            | -71.77            | -52.85             | 9.43                 | 11.81                 | H                  |
|                                               | 3756              | -57.40       | -13           | -44.40            | -69.83            | -59.11             | 5.08                 | 6.80                  | V                  |
|                                               | 5637              | -53.65       | -13           | -40.65            | -70.74            | -55.32             | 8.03                 | 9.70                  | V                  |
|                                               | 7515              | -51.02       | -13           | -38.02            | -72.16            | -53.40             | 9.43                 | 11.81                 | V                  |

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

| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 3756              | -56.17       | -13           | -43.17            | -70.41            | -57.88             | 5.08                 | 6.80                  | H                  |
|                                               | 5634              | -55.52       | -13           | -42.52            | -72.32            | -57.19             | 8.03                 | 9.70                  | H                  |
|                                               | 7512              | -49.83       | -13           | -36.83            | -71.13            | -52.21             | 9.43                 | 11.81                 | H                  |
|                                               | 3756              | -57.75       | -13           | -44.75            | -70.18            | -59.46             | 5.08                 | 6.80                  | V                  |
|                                               | 5634              | -53.96       | -13           | -40.96            | -71.05            | -55.63             | 8.03                 | 9.70                  | V                  |
|                                               | 7512              | -51.69       | -13           | -38.69            | -72.83            | -54.07             | 9.43                 | 11.81                 | V                  |

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



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 3750              | -57.64       | -13           | -44.64            | -71.88            | -59.35             | 5.08                 | 6.80                  | H                  |
|                                                | 5628              | -54.28       | -13           | -41.28            | -71.08            | -55.95             | 8.03                 | 9.70                  | H                  |
|                                                | 7503              | -51.78       | -13           | -38.78            | -73.08            | -54.16             | 9.43                 | 11.81                 | H                  |
|                                                | 3750              | -58.14       | -13           | -45.14            | -70.57            | -59.85             | 5.08                 | 6.80                  | V                  |
|                                                | 5628              | -51.65       | -13           | -38.65            | -68.74            | -53.32             | 8.03                 | 9.70                  | V                  |
|                                                | 7503              | -51.83       | -13           | -38.83            | -72.97            | -54.21             | 9.43                 | 11.81                 | V                  |

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

| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 3747              | -57.96       | -13           | -44.96            | -72.20            | -59.67             | 5.08                 | 6.80                  | H                  |
|                                                | 5619              | -54.81       | -13           | -41.81            | -71.61            | -56.48             | 8.03                 | 9.70                  | H                  |
|                                                | 7494              | -51.50       | -13           | -38.50            | -72.80            | -53.88             | 9.43                 | 11.81                 | H                  |
|                                                | 3747              | -58.63       | -13           | -45.63            | -71.06            | -60.34             | 5.08                 | 6.80                  | V                  |
|                                                | 5619              | -52.08       | -13           | -39.08            | -69.17            | -53.75             | 8.03                 | 9.70                  | V                  |
|                                                | 7494              | -50.87       | -13           | -37.87            | -72.01            | -53.25             | 9.43                 | 11.81                 | V                  |

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

| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 3741              | -57.35       | -13           | -44.35            | -71.59            | -59.06             | 5.08                 | 6.80                  | H                  |
|                                                | 5613              | -56.30       | -13           | -43.30            | -73.10            | -57.97             | 8.03                 | 9.70                  | H                  |
|                                                | 7485              | -50.29       | -13           | -37.29            | -71.59            | -52.67             | 9.43                 | 11.81                 | H                  |
|                                                | 3741              | -58.66       | -13           | -45.66            | -71.09            | -60.37             | 5.08                 | 6.80                  | V                  |
|                                                | 5613              | -53.62       | -13           | -40.62            | -70.71            | -55.29             | 8.03                 | 9.70                  | V                  |
|                                                | 7485              | -51.69       | -13           | -38.69            | -72.83            | -54.07             | 9.43                 | 11.81                 | V                  |

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



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -61.41      | -13           | -48.41            | -64.01            | -63.73             | 1.33                 | 5.80                  | H                  |
|                                                 | 2508              | -59.56      | -13           | -46.56            | -68.91            | -62.73             | 1.58                 | 6.90                  | H                  |
|                                                 | 3345              | -62.21      | -13           | -49.21            | -71.42            | -65.71             | 1.85                 | 7.50                  | H                  |
|                                                 | 1672              | -64.83      | -13           | -51.83            | -66.70            | -67.15             | 1.33                 | 5.80                  | V                  |
|                                                 | 2508              | -61.40      | -13           | -48.40            | -69.37            | -64.57             | 1.58                 | 6.90                  | V                  |
|                                                 | 3345              | -62.66      | -13           | -49.66            | -71.68            | -66.16             | 1.85                 | 7.50                  | V                  |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 1670              | -61.18      | -13           | -48.18            | -63.78            | -63.50             | 1.33                 | 5.80                  | H                  |
|                                               | 2506              | -59.90      | -13           | -46.90            | -69.25            | -63.07             | 1.58                 | 6.90                  | H                  |
|                                               | 3342              | -61.74      | -13           | -48.74            | -70.95            | -65.24             | 1.85                 | 7.50                  | H                  |
|                                               | 1670              | -64.88      | -13           | -51.88            | -66.75            | -67.20             | 1.33                 | 5.80                  | V                  |
|                                               | 2506              | -61.48      | -13           | -48.48            | -69.45            | -64.65             | 1.58                 | 6.90                  | V                  |
|                                               | 3342              | -61.77      | -13           | -48.77            | -70.79            | -65.27             | 1.85                 | 7.50                  | V                  |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 1668              | -61.26      | -13           | -48.26            | -63.86            | -63.58             | 1.33                 | 5.80                  | H                  |
|                                               | 2504              | -58.65      | -13           | -45.65            | -68.00            | -61.82             | 1.58                 | 6.90                  | H                  |
|                                               | 3336              | -62.38      | -13           | -49.38            | -71.59            | -65.88             | 1.85                 | 7.50                  | H                  |
|                                               | 1668              | -64.79      | -13           | -51.79            | -66.66            | -67.11             | 1.33                 | 5.80                  | V                  |
|                                               | 2504              | -61.86      | -13           | -48.86            | -69.83            | -65.03             | 1.58                 | 6.90                  | V                  |
|                                               | 3336              | -61.01      | -13           | -48.01            | -70.03            | -64.51             | 1.85                 | 7.50                  | V                  |

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

| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 1664              | -59.86      | -13           | -46.86            | -62.46            | -62.18             | 1.33                 | 5.80                  | H                  |
|                                                | 2496              | -60.15      | -13           | -47.15            | -69.50            | -63.32             | 1.58                 | 6.90                  | H                  |
|                                                | 3327              | -62.08      | -13           | -49.08            | -71.29            | -65.58             | 1.85                 | 7.50                  | H                  |
|                                                | 1664              | -65.35      | -13           | -52.35            | -67.22            | -67.67             | 1.33                 | 5.80                  | V                  |
|                                                | 2496              | -60.03      | -13           | -47.03            | -68.00            | -63.20             | 1.58                 | 6.90                  | V                  |
|                                                | 3327              | -62.64      | -13           | -49.64            | -71.66            | -66.14             | 1.85                 | 7.50                  | V                  |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                           | 1414              | -64.60      | -13           | -51.60            | -65.55            | -65.83             | 1.17                 | 4.55                  | H                  |
|                                                  | 2120              | -63.59      | -13           | -50.59            | -68.18            | -65.34             | 1.45                 | 5.35                  | H                  |
|                                                  | 2828              | -65.14      | -13           | -52.14            | -69.11            | -67.41             | 1.68                 | 6.10                  | H                  |
|                                                  | 1414              | -56.15      | -13           | -43.15            | -59.64            | -57.38             | 1.17                 | 4.55                  | V                  |
|                                                  | 2120              | -64.30      | -13           | -51.30            | -68.88            | -66.05             | 1.45                 | 5.35                  | V                  |
|                                                  | 2828              | -64.35      | -13           | -51.35            | -69.03            | -66.61             | 1.68                 | 6.10                  | V                  |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 1412              | -64.06      | -13           | -51.06            | -65.01            | -65.29             | 1.17                 | 4.55                  | H                  |
|                                                | 2118              | -63.91      | -13           | -50.91            | -68.50            | -65.66             | 1.45                 | 5.35                  | H                  |
|                                                | 2824              | -65.34      | -13           | -52.34            | -69.31            | -67.61             | 1.68                 | 6.10                  | H                  |
|                                                | 1412              | -55.67      | -13           | -42.67            | -59.41            | -56.90             | 1.17                 | 4.55                  | V                  |
|                                                | 2118              | -63.97      | -13           | -50.97            | -68.55            | -65.72             | 1.45                 | 5.35                  | V                  |
|                                                | 2824              | -64.56      | -13           | -51.56            | -69.24            | -66.82             | 1.68                 | 6.10                  | V                  |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 1410              | -64.67      | -13           | -51.67            | -65.62            | -65.90             | 1.17                 | 4.55                  | H                  |
|                                                | 2116              | -65.16      | -13           | -52.16            | -69.75            | -66.91             | 1.45                 | 5.35                  | H                  |
|                                                | 2820              | -65.57      | -13           | -52.57            | -69.54            | -67.84             | 1.68                 | 6.10                  | H                  |
|                                                | 1410              | -54.61      | -13           | -41.61            | -58.80            | -55.85             | 1.17                 | 4.55                  | V                  |
|                                                | 2116              | -65.11      | -13           | -52.11            | -69.69            | -66.86             | 1.45                 | 5.35                  | V                  |
|                                                | 2820              | -64.26      | -13           | -51.26            | -68.94            | -66.52             | 1.68                 | 6.10                  | V                  |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 1406              | -63.96      | -13           | -50.96            | -64.91            | -65.19             | 1.17                 | 4.55                  | H                  |
|                                                 | 2108              | -63.80      | -13           | -50.80            | -68.39            | -65.55             | 1.45                 | 5.35                  | H                  |
|                                                 | 2812              | -64.68      | -13           | -51.68            | -68.65            | -66.95             | 1.68                 | 6.10                  | H                  |
|                                                 | 1406              | -51.77      | -13           | -38.77            | -56.75            | -53.00             | 1.17                 | 4.55                  | V                  |
|                                                 | 2108              | -62.52      | -13           | -49.52            | -67.10            | -64.27             | 1.45                 | 5.35                  | V                  |
|                                                 | 2812              | -63.05      | -13           | -50.05            | -67.73            | -65.31             | 1.68                 | 6.10                  | V                  |

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



| LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                           | 3489              | -56.23       | -13           | -43.23            | -68.26            | -60.20             | 4.87                 | 8.84                  | H                  |
|                                                  | 5235              | -45.64       | -13           | -32.64            | -61.55            | -47.09             | 7.70                 | 9.14                  | H                  |
|                                                  | 6978              | -51.27       | -13           | -38.27            | -72.32            | -52.95             | 8.98                 | 10.66                 | H                  |
|                                                  | 3489              | -55.12       | -13           | -42.12            | -69.83            | -59.09             | 4.87                 | 8.84                  | V                  |
|                                                  | 5232              | -52.49       | -13           | -39.49            | -68.51            | -53.93             | 7.70                 | 9.14                  | V                  |
|                                                  | 6978              | -51.29       | -13           | -38.29            | -72.09            | -52.97             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 3486              | -56.53       | -13           | -43.53            | -68.56            | -60.50             | 4.87                 | 8.84                  | H                  |
|                                                | 5232              | -47.42       | -13           | -34.42            | -63.24            | -48.86             | 7.70                 | 9.14                  | H                  |
|                                                | 6975              | -50.92       | -13           | -37.92            | -71.97            | -52.60             | 8.98                 | 10.66                 | H                  |
|                                                | 3486              | -57.13       | -13           | -44.13            | -71.84            | -61.10             | 4.87                 | 8.84                  | V                  |
|                                                | 5232              | -53.09       | -13           | -40.09            | -69.11            | -54.53             | 7.70                 | 9.14                  | V                  |
|                                                | 6975              | -50.95       | -13           | -37.95            | -71.75            | -52.63             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 3486              | -57.40       | -13           | -44.40            | -69.43            | -61.37             | 4.87                 | 8.84                  | H                  |
|                                                | 5229              | -49.75       | -13           | -36.75            | -65.57            | -51.19             | 7.70                 | 9.14                  | H                  |
|                                                | 6972              | -51.35       | -13           | -38.35            | -72.40            | -53.03             | 8.98                 | 10.66                 | H                  |
|                                                | 3486              | -55.45       | -13           | -42.45            | -70.16            | -59.42             | 4.87                 | 8.84                  | V                  |
|                                                | 5229              | -52.85       | -13           | -39.85            | -68.87            | -54.29             | 7.70                 | 9.14                  | V                  |
|                                                | 6972              | -51.41       | -13           | -38.41            | -72.21            | -53.09             | 8.98                 | 10.66                 | V                  |

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



| LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 3480              | -56.56       | -13           | -43.56            | -68.59            | -60.53             | 4.87                 | 8.84                  | H                  |
|                                                 | 5223              | -49.44       | -13           | -36.44            | -65.26            | -50.88             | 7.70                 | 9.14                  | H                  |
|                                                 | 6963              | -52.60       | -13           | -39.60            | -73.65            | -54.28             | 8.98                 | 10.66                 | H                  |
|                                                 | 3480              | -56.73       | -13           | -43.73            | -71.44            | -60.70             | 4.87                 | 8.84                  | V                  |
|                                                 | 5223              | -53.36       | -13           | -40.36            | -69.38            | -54.80             | 7.70                 | 9.14                  | V                  |
|                                                 | 6963              | -52.08       | -13           | -39.08            | -72.88            | -53.76             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 3477              | -57.45       | -13           | -44.45            | -69.48            | -61.42             | 4.87                 | 8.84                  | H                  |
|                                                 | 5214              | -47.86       | -13           | -34.86            | -63.68            | -49.30             | 7.70                 | 9.14                  | H                  |
|                                                 | 6954              | -49.77       | -13           | -36.77            | -70.82            | -51.45             | 8.98                 | 10.66                 | H                  |
|                                                 | 3477              | -56.42       | -13           | -43.42            | -71.13            | -60.39             | 4.87                 | 8.84                  | V                  |
|                                                 | 5214              | -53.51       | -13           | -40.51            | -69.53            | -54.95             | 7.70                 | 9.14                  | V                  |
|                                                 | 6954              | -52.23       | -13           | -39.23            | -73.03            | -53.91             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 3471              | -58.14       | -13           | -45.14            | -70.17            | -62.11             | 4.87                 | 8.84                  | H                  |
|                                                 | 5208              | -46.34       | -13           | -33.34            | -62.16            | -47.78             | 7.70                 | 9.14                  | H                  |
|                                                 | 6945              | -50.94       | -13           | -37.94            | -71.99            | -52.62             | 8.98                 | 10.66                 | H                  |
|                                                 | 3471              | -55.37       | -13           | -42.37            | -70.08            | -59.34             | 4.87                 | 8.84                  | V                  |
|                                                 | 5208              | -52.35       | -13           | -39.35            | -68.37            | -53.79             | 7.70                 | 9.14                  | V                  |
|                                                 | 6945              | -51.56       | -13           | -38.56            | -72.36            | -53.24             | 8.98                 | 10.66                 | V                  |

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