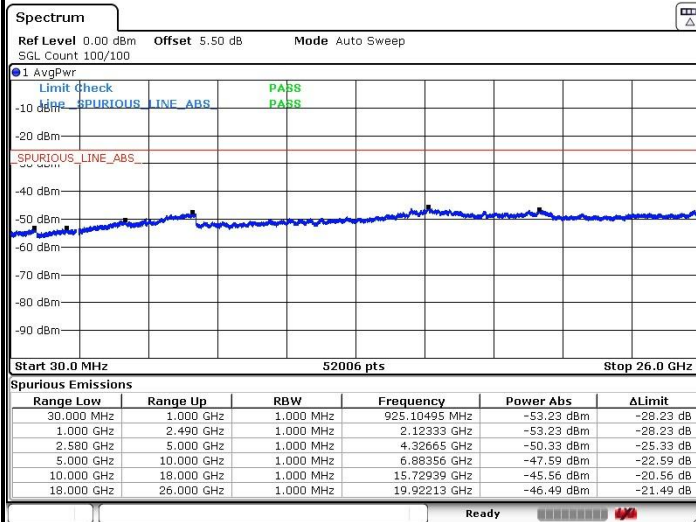




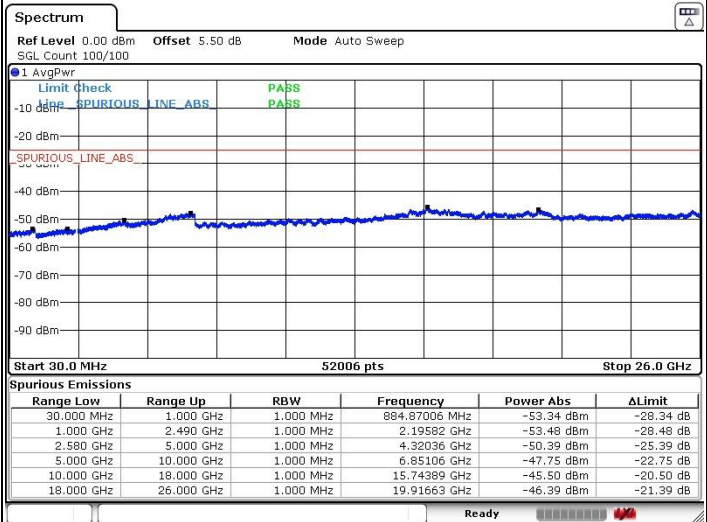
## LTE Band 7 / 20MHz+10MHz

## Highest Channel / QPSK



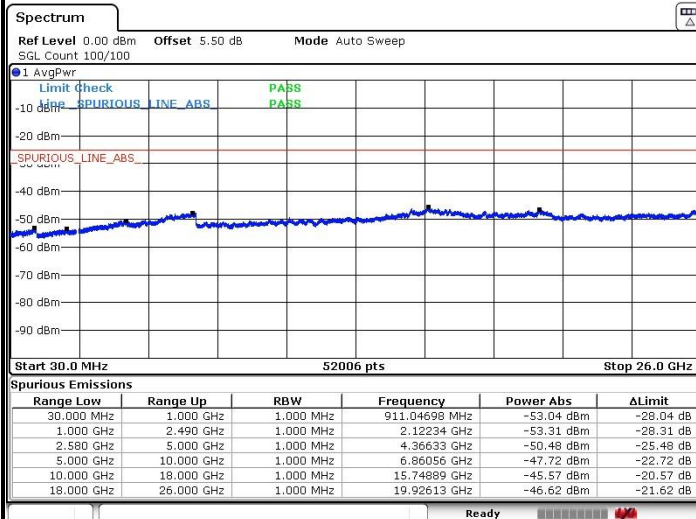
Date: 9 MAY 2018 19:11:15

## Highest Channel / 16QAM



Date: 9 MAY 2018 19:12:39

## Highest Channel / 64QAM

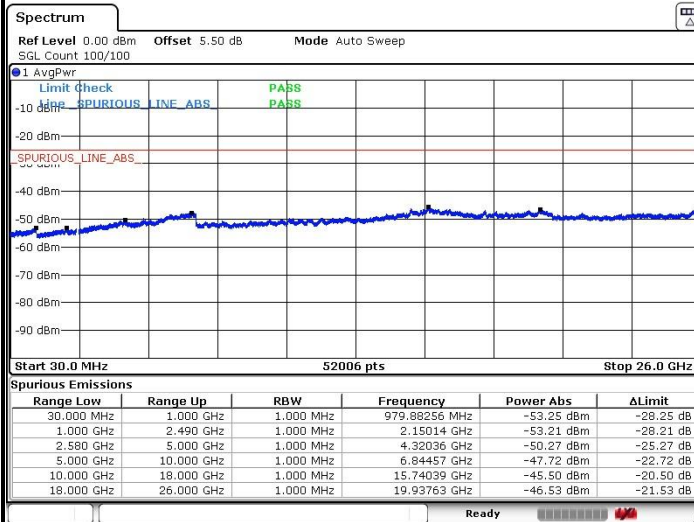


Date: 9 MAY 2018 19:18:20



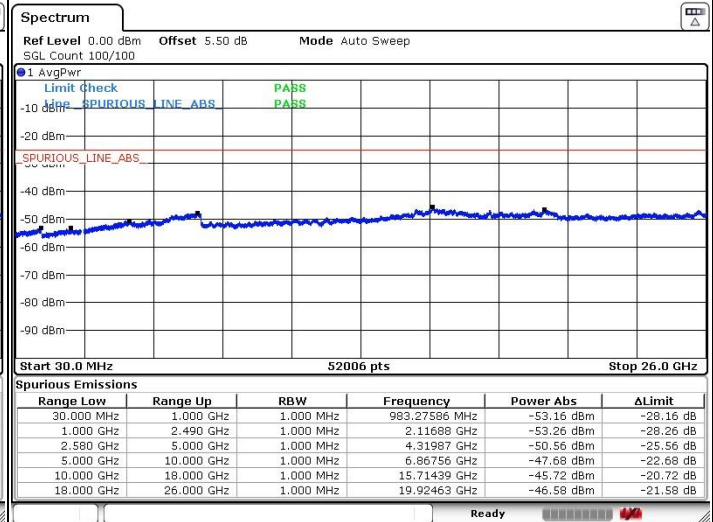
## LTE Band 7 / 20MHz+15MHz

## Lowest Channel / QPSK



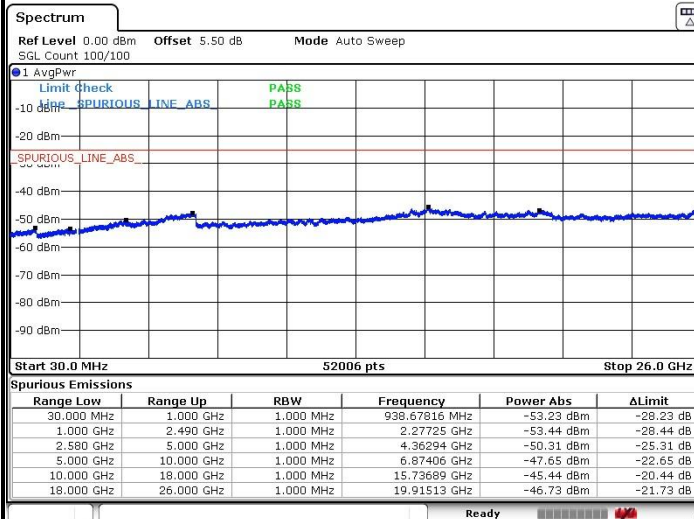
Date: 9 MAY 2018 19:25:37

## Lowest Channel / 16QAM



Date: 9 MAY 2018 19:24:29

## Lowest Channel / 64QAM

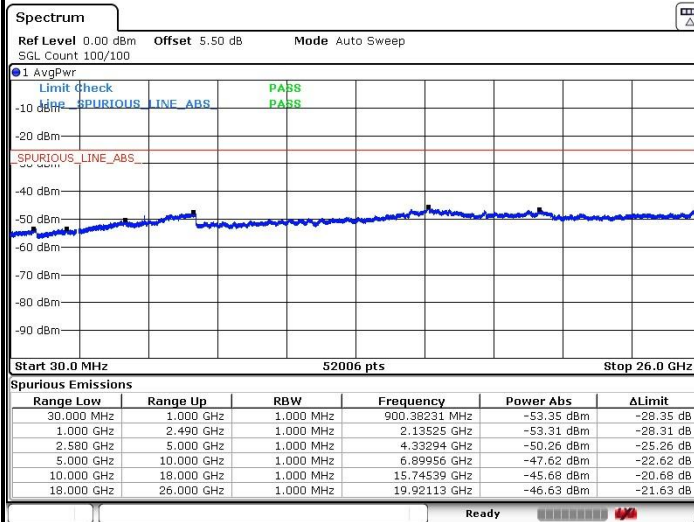


Date: 9 MAY 2018 19:22:42



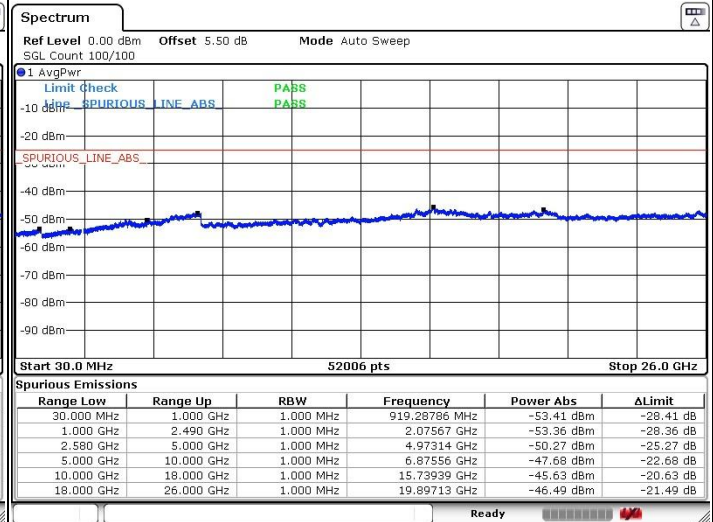
## LTE Band 7 / 20MHz+15MHz

## Middle Channel / QPSK



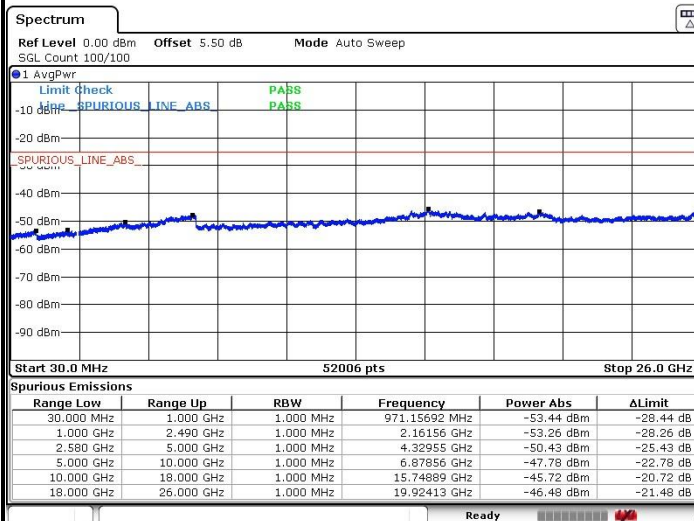
Date: 9 MAY 2018 19:27:31

## Middle Channel / 16QAM



Date: 9 MAY 2018 19:28:39

## Middle Channel / 64QAM

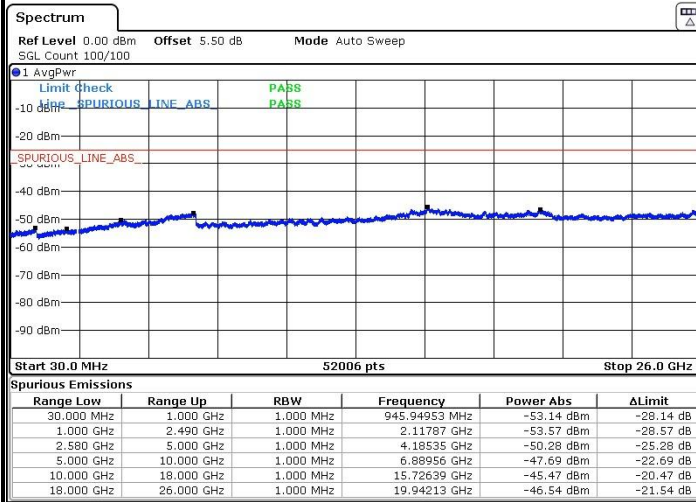


Date: 9 MAY 2018 19:30:00



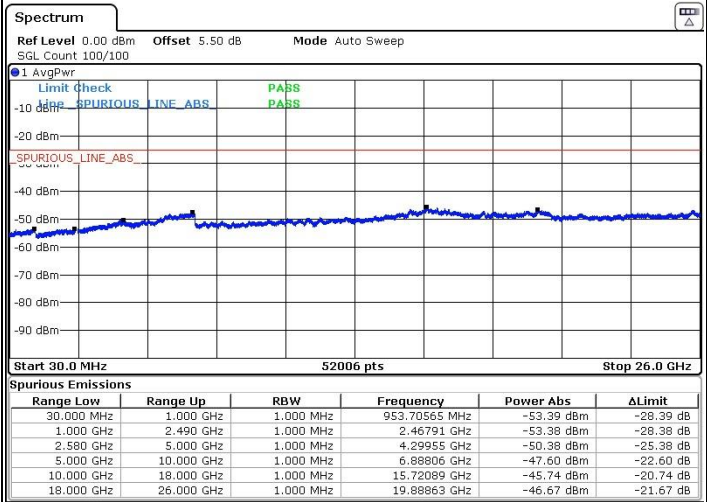
## LTE Band 7 / 20MHz+15MHz

## Highest Channel / QPSK



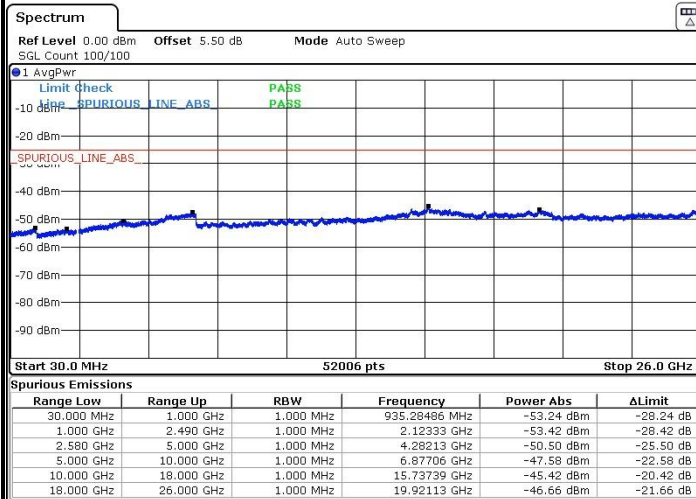
Date: 9 MAY 2018 19:34:37

## Highest Channel / 16QAM



Date: 9 MAY 2018 19:33:23

## Highest Channel / 64QAM

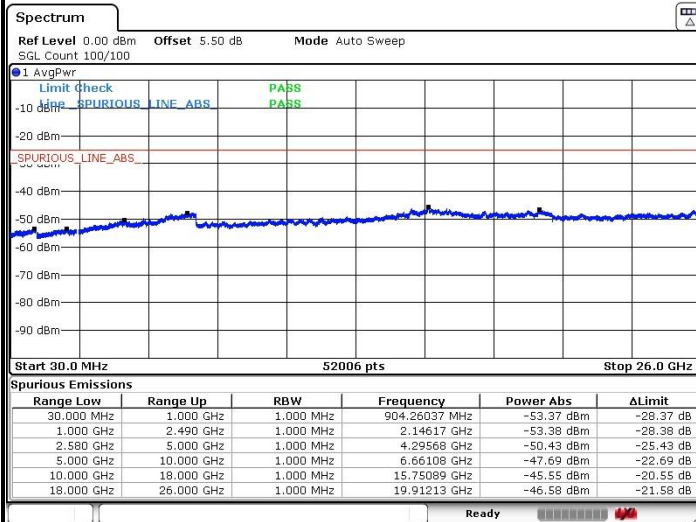


Date: 9 MAY 2018 19:32:15



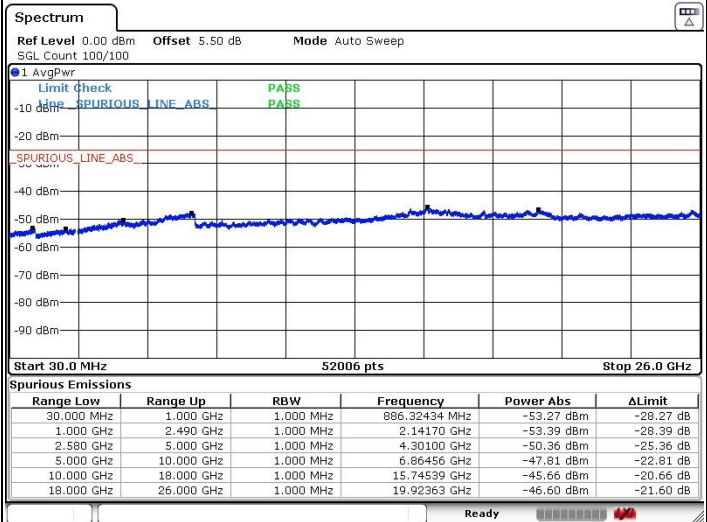
## LTE Band 7 / 20MHz+20MHz

## Lowest Channel / QPSK



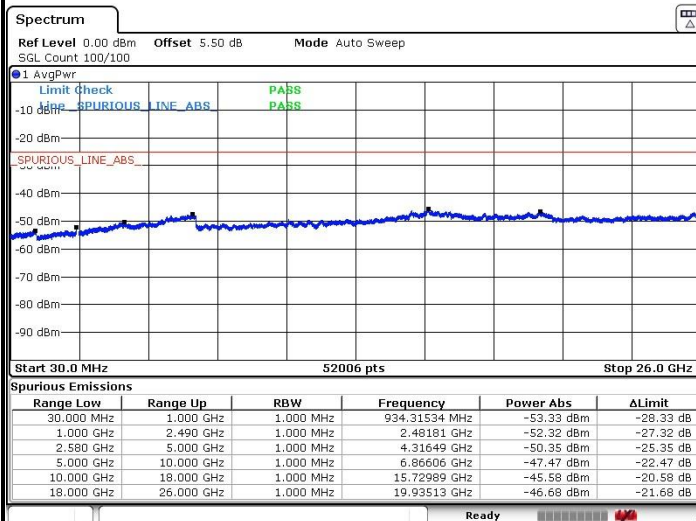
Date: 9 MAY 2018 19:36:54

## Lowest Channel / 16QAM



Date: 9 MAY 2018 19:38:19

## Lowest Channel / 64QAM

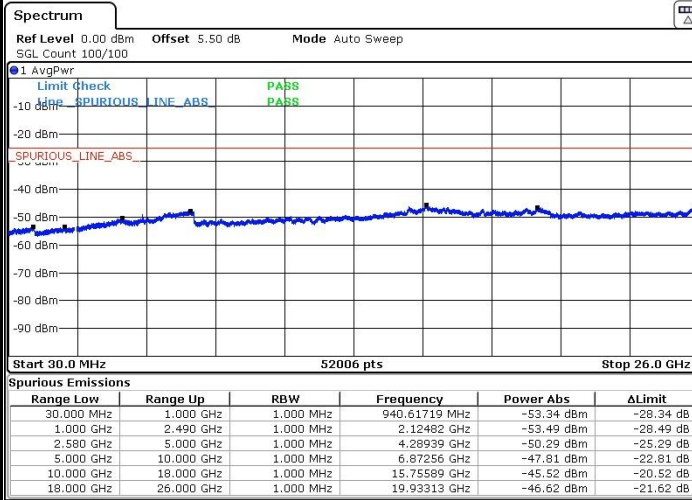


Date: 9 MAY 2018 19:39:34



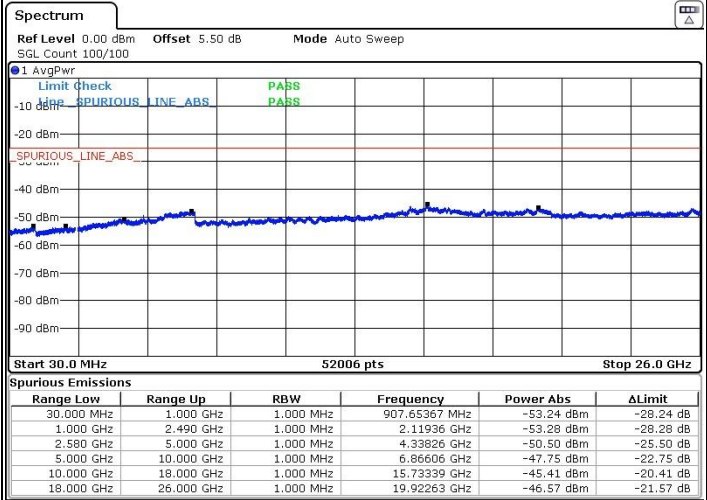
## LTE Band 7 / 20MHz+20MHz

## Middle Channel / QPSK



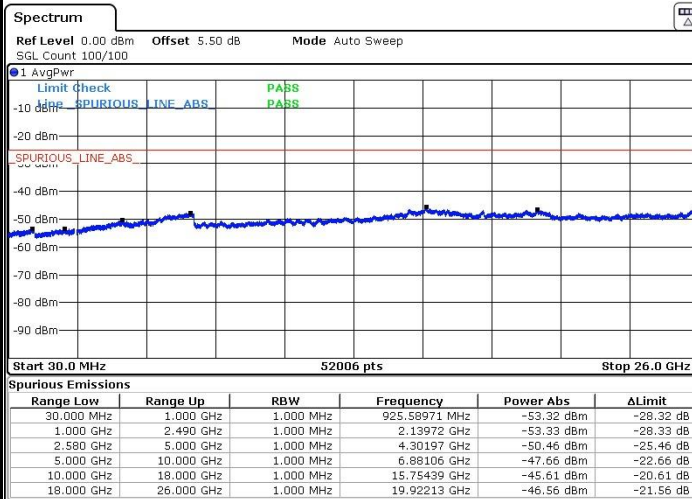
Date: 9 MAY 2018 19:43:16

## Middle Channel / 16QAM



Date: 9 MAY 2018 19:42:14

## Middle Channel / 64QAM

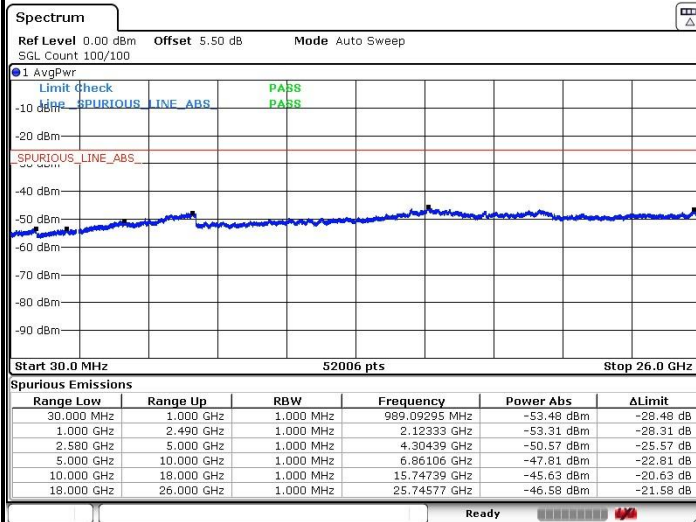


Date: 9 MAY 2018 19:41:07



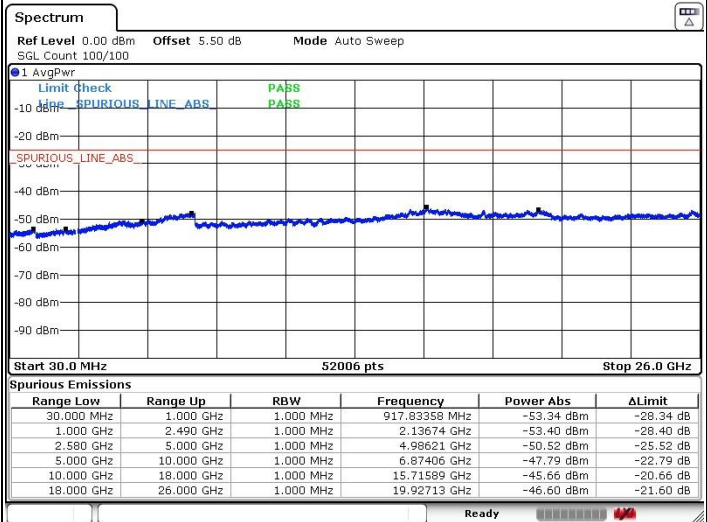
## LTE Band 7 / 20MHz+20MHz

## Highest Channel / QPSK



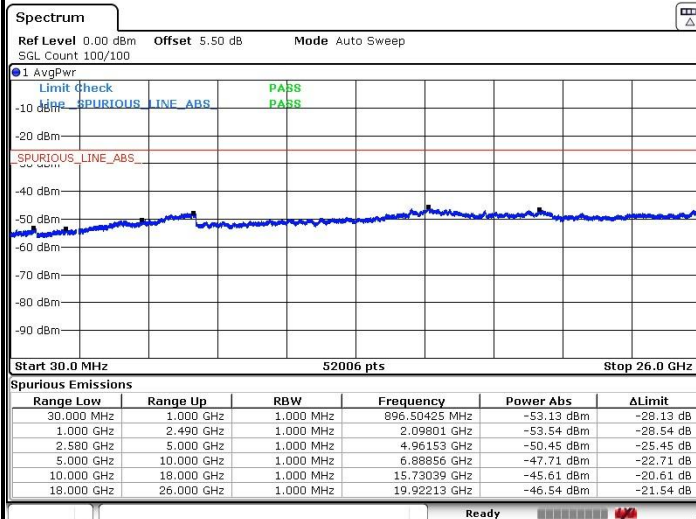
Date: 9 MAY 2018 19:45:12

## Highest Channel / 16QAM



Date: 9 MAY 2018 19:46:25

## Highest Channel / 64QAM



Date: 9 MAY 2018 19:47:33

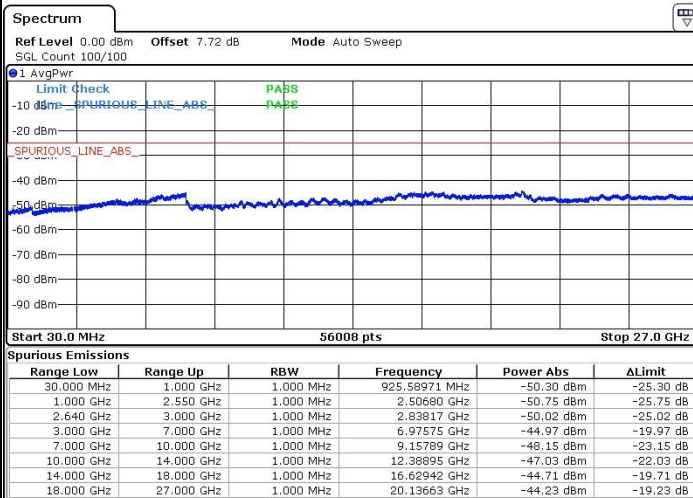


## LTE Band 38 / 15MHz+15MHz

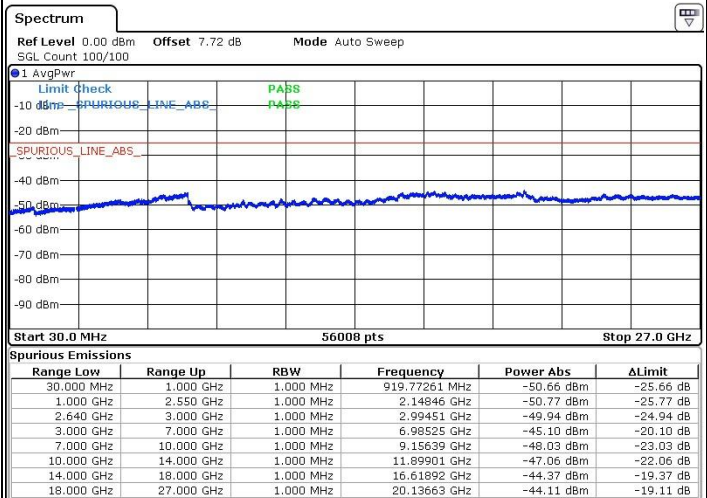
## QPSK

## Lowest Channel

## Middle Channel

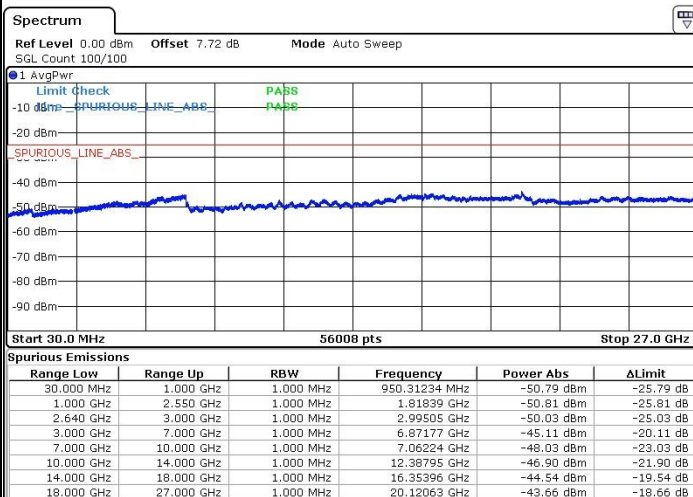


Date: 31.MAY.2018 09:12:42



Date: 31.MAY.2018 09:11:06

## Highest Channel



Date: 31.MAY.2018 09:03:56

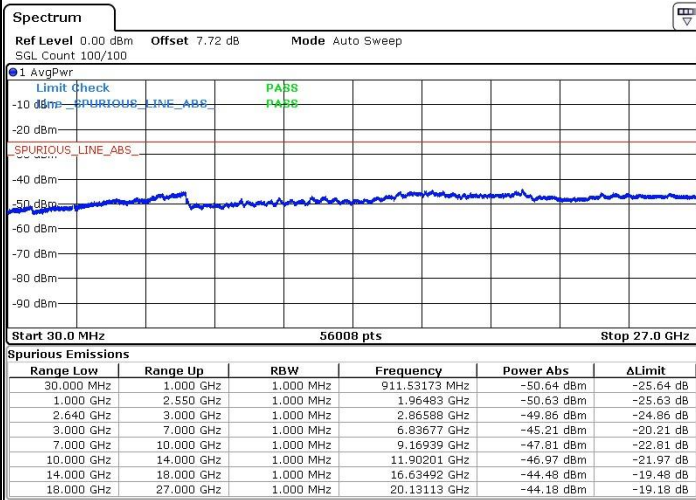


## LTE Band 38 / 15MHz+15MHz

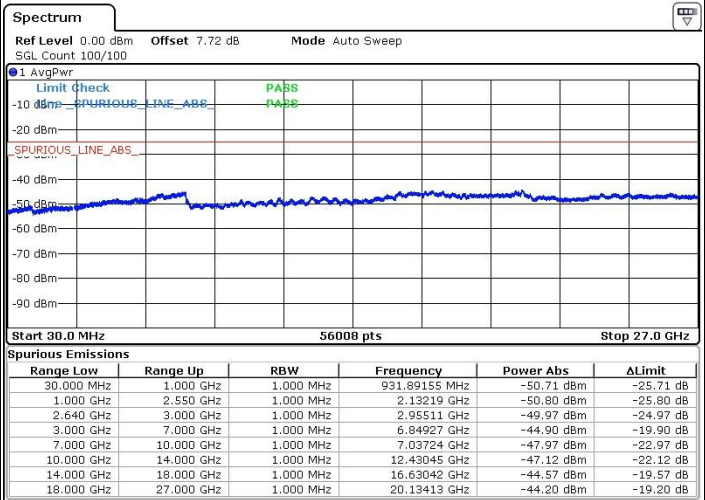
## 16QAM

## Lowest Channel

## Middle Channel

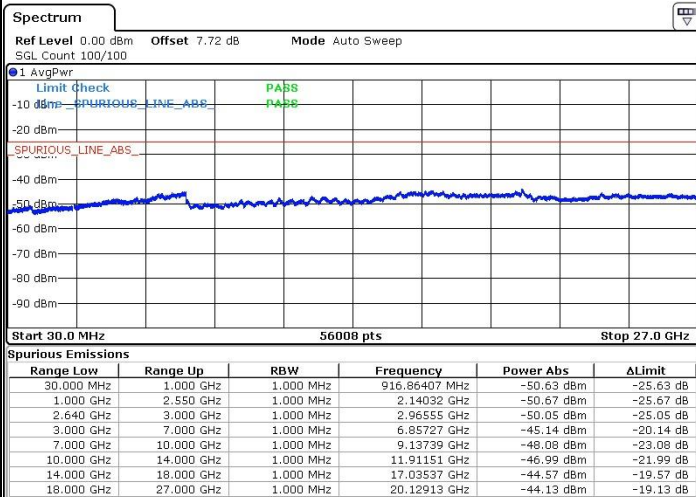


Date: 31.MAY.2018 09:13:45



Date: 31.MAY.2018 09:10:01

## Highest Channel



Date: 31.MAY.2018 09:04:58

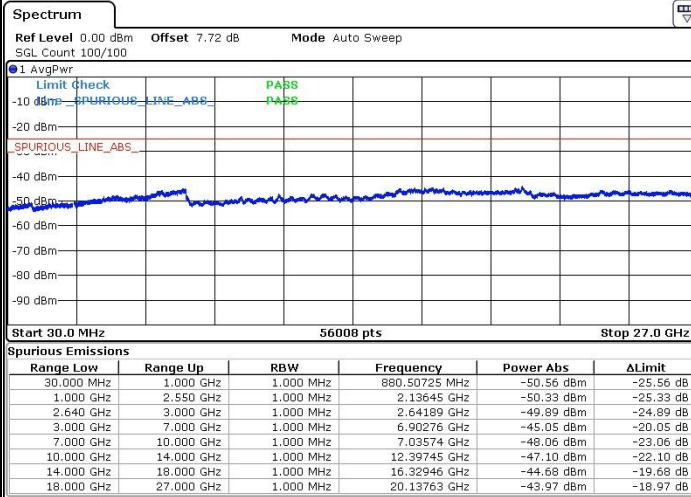


## LTE Band 38 / 15MHz+15MHz

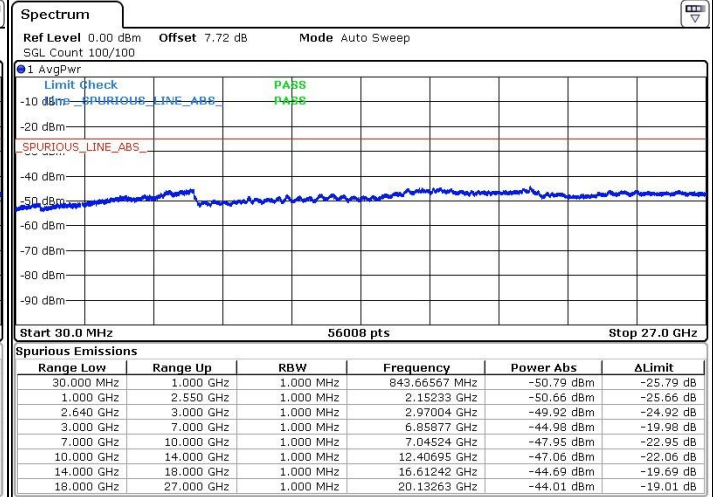
## 64QAM

## Lowest Channel

## Middle Channel

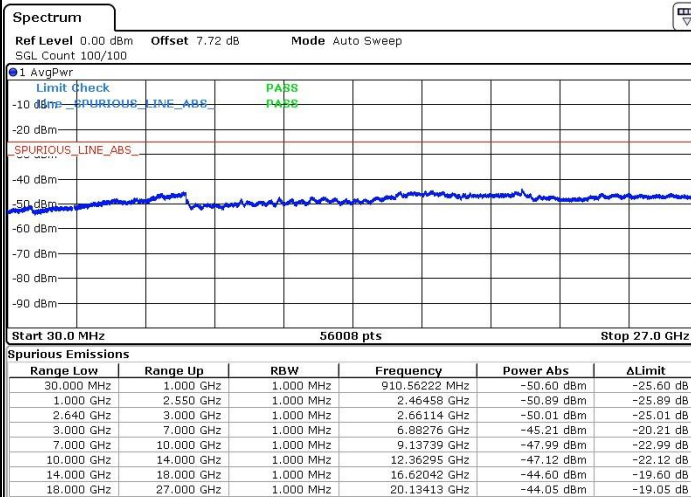


Date: 31.MAY.2018 09:14:55



Date: 31.MAY.2018 09:08:56

## Highest Channel



Date: 31.MAY.2018 09:06:11

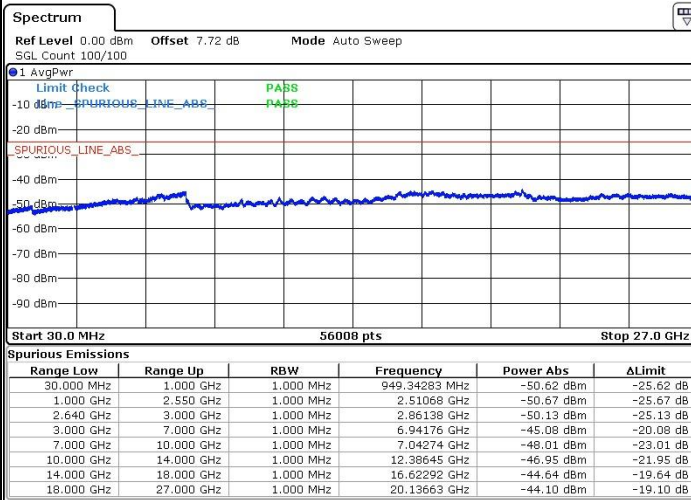


## LTE Band 38 / 20MHz+20MHz

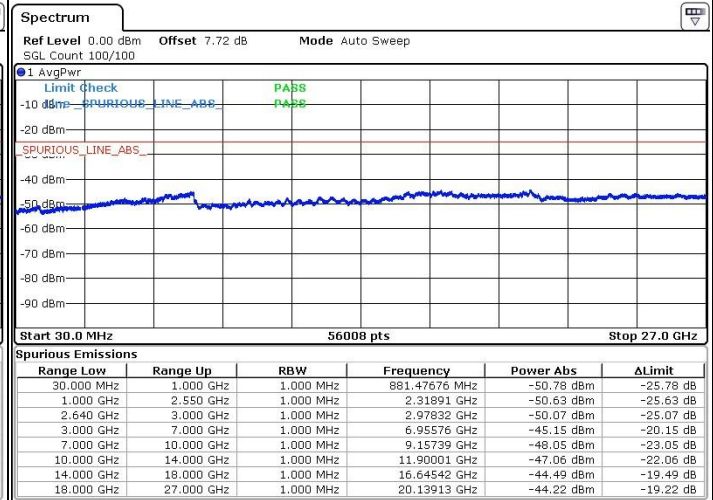
## QPSK

## Lowest Channel

## Middle Channel

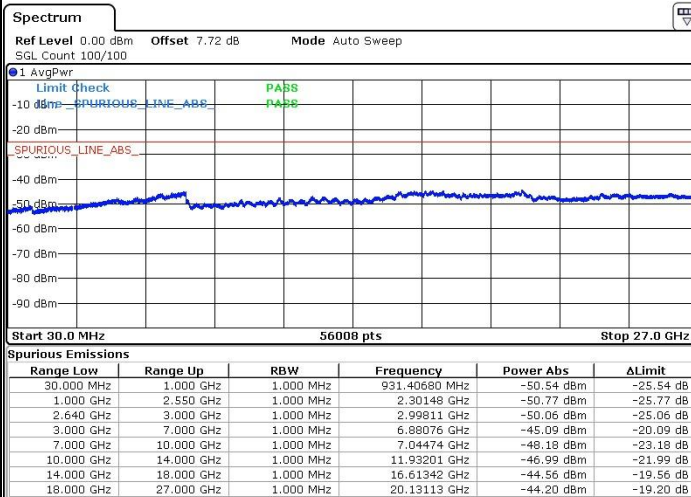


Date: 31.MAY.2018 09:20:05



Date: 31.MAY.2018 09:23:12

## Highest Channel



Date: 31.MAY.2018 09:30:01

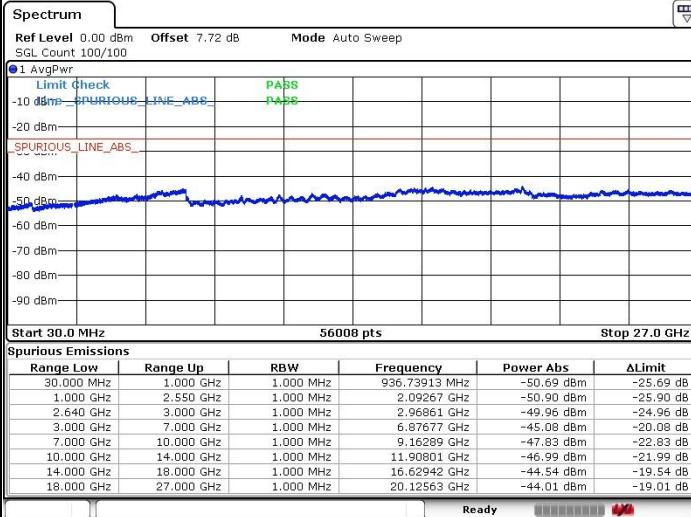


## LTE Band 38 / 20MHz+20MHz

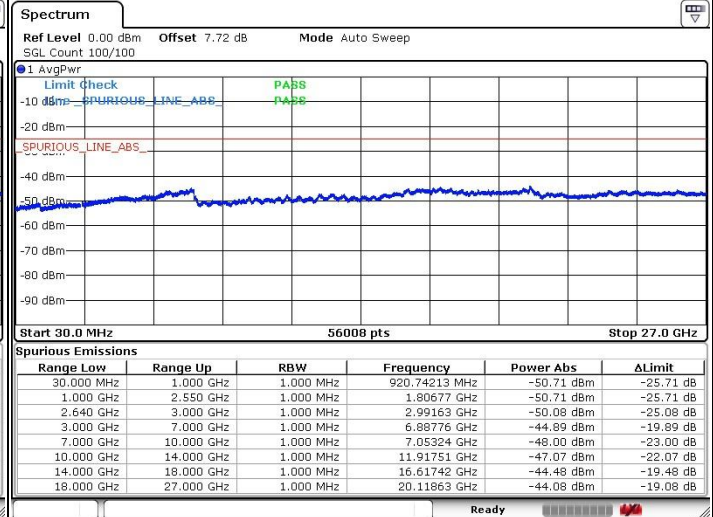
## 16QAM

## Lowest Channel

## Middle Channel

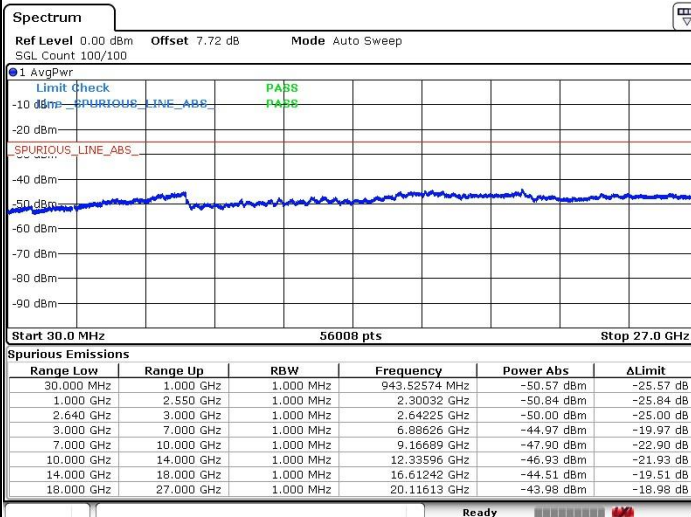


Date: 31.MAY.2018 09:19:04



Date: 31.MAY.2018 09:24:51

## Highest Channel



Date: 31.MAY.2018 09:28:58

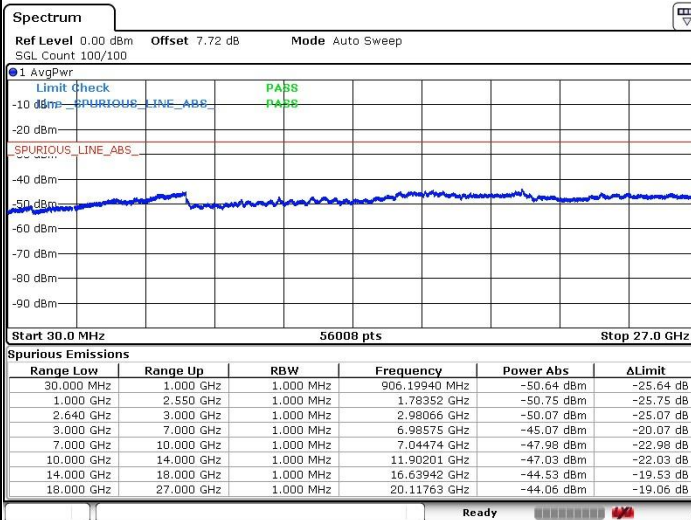


## LTE Band 38 / 20MHz+20MHz

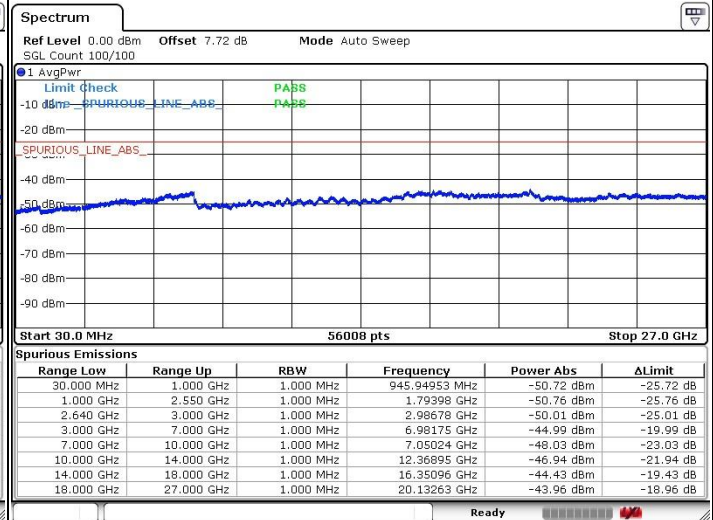
## 64QAM

## Lowest Channel

## Middle Channel

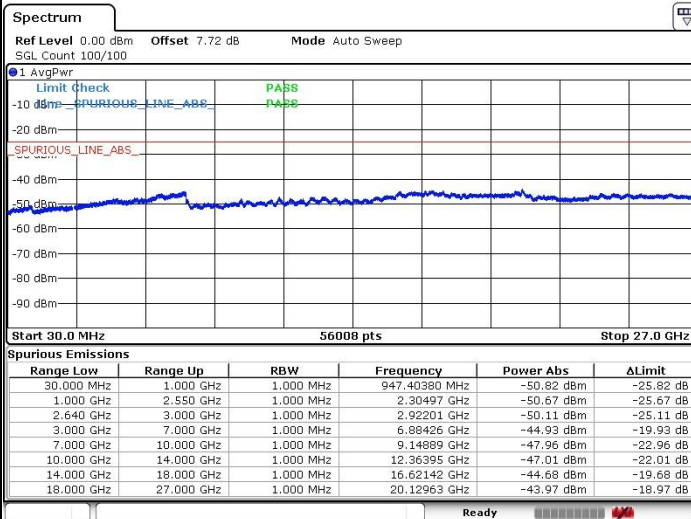


Date: 31.MAY.2018 09:17:56



Date: 31.MAY.2018 09:26:04

## Highest Channel



Date: 31.MAY.2018 09:27:55

**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    | 0.0026                             | PASS    |
| 40               | Normal Voltage    | 0.0009                             |         |
| 30               | Normal Voltage    | 0.0004                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0031                             |         |
| 0                | Normal Voltage    | 0.0027                             |         |
| -10              | Normal Voltage    | 0.0029                             |         |
| -20              | Normal Voltage    | 0.0017                             |         |
| -30              | Normal Voltage    | 0.0018                             |         |
| 20               | Maximum Voltage   | 0.0012                             |         |
| 20               | Normal Voltage    | 0.0002                             |         |
| 20               | Battery End Point | 0.0000                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 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<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0032                             | PASS    |
| 40                  | Normal Voltage    | 0.0027                             |         |
| 30                  | Normal Voltage    | 0.0014                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0029                             |         |
| 0                   | Normal Voltage    | 0.0025                             |         |
| -10                 | Normal Voltage    | 0.0006                             |         |
| -20                 | Normal Voltage    | 0.0021                             |         |
| -30                 | Normal Voltage    | 0.0009                             |         |
| 20                  | Maximum Voltage   | 0.0010                             |         |
| 20                  | Normal Voltage    | 0.0027                             |         |
| 20                  | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 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    | 0.0035                             | PASS   |
| 40                  | Normal Voltage    | 0.0056                             |        |
| 30                  | Normal Voltage    | 0.0010                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0030                             |        |
| 0                   | Normal Voltage    | 0.0025                             |        |
| -10                 | Normal Voltage    | 0.0022                             |        |
| -20                 | Normal Voltage    | 0.0041                             |        |
| -30                 | Normal Voltage    | 0.0008                             |        |
| 20                  | Maximum Voltage   | 0.0017                             |        |
| 20                  | Normal Voltage    | 0.0056                             |        |
| 20                  | Battery End Point | 0.0004                             |        |

**Note:** Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.



| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0007                             | PASS    |
| 40               | Normal Voltage    | 0.0002                             |         |
| 30               | Normal Voltage    | 0.0013                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0004                             |         |
| 0                | Normal Voltage    | 0.0015                             |         |
| -10              | Normal Voltage    | 0.0021                             |         |
| -20              | Normal Voltage    | 0.0001                             |         |
| -30              | Normal Voltage    | 0.0024                             |         |
| 20               | Maximum Voltage   | 0.0007                             |         |
| 20               | Normal Voltage    | 0.0003                             |         |
| 20               | Battery End Point | 0.0017                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 38 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0018                              | PASS    |
| 40                  | Normal Voltage    | 0.0015                              |         |
| 30                  | Normal Voltage    | 0.0001                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0011                              |         |
| 0                   | Normal Voltage    | 0.0014                              |         |
| -10                 | Normal Voltage    | 0.0005                              |         |
| -20                 | Normal Voltage    | 0.0017                              |         |
| -30                 | Normal Voltage    | 0.0011                              |         |
| 20                  | Maximum Voltage   | 0.0018                              |         |
| 20                  | Normal Voltage    | 0.0009                              |         |
| 20                  | Battery End Point | 0.0006                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 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 / 20MHz / QPSK for Bottom Antenna |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                      | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                       | 3742              | -63.49       | -13           | -50.49            | -68.66             | 1.83                 | 7.00                  | H                  |
|                                              | 5613              | -59.63       | -13           | -46.63            | -67.25             | 2.18                 | 9.80                  | H                  |
|                                              | 7485              | -53.48       | -13           | -40.48            | -63.15             | 2.53                 | 12.20                 | H                  |
|                                              | 3741              | -63.39       | -13           | -50.39            | -68.56             | 1.83                 | 7.00                  | V                  |
|                                              | 5613              | -60.02       | -13           | -47.02            | -67.64             | 2.18                 | 9.80                  | V                  |
|                                              | 7485              | -54.11       | -13           | -41.11            | -63.78             | 2.53                 | 12.20                 | V                  |

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

| LTE Band 2 / 20MHz / QPSK for Top Antenna |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                    | 3741              | -58.99       | -13           | -45.99            | -64.16             | 1.83                 | 7.00                  | H                  |
|                                           | 5613              | -57.81       | -13           | -44.81            | -65.43             | 2.18                 | 9.80                  | H                  |
|                                           | 7485              | -53.27       | -13           | -40.27            | -62.94             | 2.53                 | 12.20                 | H                  |
|                                           | 3741              | -58.58       | -13           | -45.58            | -63.75             | 1.83                 | 7.00                  | V                  |
|                                           | 5613              | -59.00       | -13           | -46.00            | -66.62             | 2.18                 | 9.80                  | V                  |
|                                           | 7485              | -54.31       | -13           | -41.31            | -63.98             | 2.53                 | 12.20                 | V                  |

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

| LTE Band 4 / 20MHz / QPSK for Bottom Antenna |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                      | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                       | 3447              | -61.29       | -13           | -48.29            | -66.43             | 1.81                 | 6.95                  | H                  |
|                                              | 5172              | -59.96       | -13           | -46.96            | -67.03             | 2.23                 | 9.30                  | H                  |
|                                              | 6894              | -56.25       | -13           | -43.25            | -64.53             | 2.60                 | 10.88                 | H                  |
|                                              | 3447              | -63.55       | -13           | -50.55            | -68.69             | 1.81                 | 6.95                  | V                  |
|                                              | 5172              | -60.60       | -13           | -47.60            | -67.67             | 2.23                 | 9.30                  | V                  |
|                                              | 6894              | -57.14       | -13           | -44.14            | -65.42             | 2.6                  | 10.88                 | V                  |

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



| LTE Band 4 / 20MHz / QPSK for Top Antenna |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                    | 3447              | -61.28       | -13           | -48.28            | -66.42             | 1.81                 | 6.95                  | H                  |
|                                           | 5172              | -58.82       | -13           | -45.82            | -65.89             | 2.23                 | 9.30                  | H                  |
|                                           | 6894              | -56.02       | -13           | -43.02            | -64.30             | 2.60                 | 10.88                 | H                  |
|                                           | 3447              | -63.78       | -13           | -50.78            | -68.92             | 1.81                 | 6.95                  | V                  |
|                                           | 5172              | -58.29       | -13           | -45.29            | -65.36             | 2.23                 | 9.30                  | V                  |
|                                           | 6894              | -56.51       | -13           | -43.51            | -64.79             | 2.6                  | 10.88                 | V                  |

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

| LTE Band 5 / 10MHz / QPSK for Bottom Antenna |                   |             |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                      | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                       | 1664              | -66.91      | -13           | -53.91            | -68.82             | 1.14                 | 5.20                  | H                  |
|                                              | 2496              | -56.55      | -13           | -43.55            | -59.18             | 1.12                 | 5.90                  | H                  |
|                                              | 3327              | -45.43      | -13           | -32.43            | -48.64             | 1.34                 | 6.70                  | H                  |
|                                              | 4161              | -51.98      | -13           | -38.98            | -55.44             | 1.59                 | 7.20                  | H                  |
|                                              | 1664              | -67.11      | -13           | -54.11            | -69.02             | 1.14                 | 5.20                  | V                  |
|                                              | 2496              | -64.40      | -13           | -51.40            | -67.03             | 1.12                 | 5.90                  | V                  |
|                                              | 3327              | -44.48      | -13           | -31.48            | -47.69             | 1.34                 | 6.70                  | V                  |
|                                              | 4161              | -52.17      | -13           | -39.17            | -55.63             | 1.59                 | 7.20                  | V                  |

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

| LTE Band 5 / 10MHz / QPSK for Top Antenna |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                    | 1664              | -67.57      | -13           | -54.57            | -69.48             | 1.14                 | 5.20                  | H                  |
|                                           | 2496              | -63.00      | -13           | -50.00            | -65.63             | 1.12                 | 5.90                  | H                  |
|                                           | 3327              | -45.43      | -13           | -32.43            | -48.64             | 1.34                 | 6.70                  | H                  |
|                                           | 4161              | -54.04      | -13           | -41.04            | -57.50             | 1.59                 | 7.20                  | H                  |
|                                           | 1664              | -66.07      | -13           | -53.07            | -67.98             | 1.14                 | 5.20                  | V                  |
|                                           | 2496              | -63.90      | -13           | -50.90            | -66.53             | 1.12                 | 5.90                  | V                  |
|                                           | 3327              | -48.76      | -13           | -35.76            | -51.97             | 1.34                 | 6.70                  | V                  |
|                                           | 4161              | -53.77      | -13           | -40.77            | -57.23             | 1.59                 | 7.20                  | V                  |

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



| LTE Band 7 / 20MHz / QPSK for Bottom Antenna |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                      | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                       | 5052              | -66.57       | -25           | -41.57            | -73.29             | 2.40                 | 9.12                  | H                  |
|                                              | 7578              | -61.51       | -25           | -36.51            | -71.14             | 2.87                 | 12.50                 | H                  |
|                                              | 10107             | -57.32       | -25           | -32.32            | -66.24             | 3.18                 | 12.10                 | H                  |
|                                              | 5052              | -66.40       | -25           | -41.40            | -73.12             | 2.40                 | 9.12                  | V                  |
|                                              | 7578              | -61.17       | -25           | -36.17            | -70.80             | 2.87                 | 12.50                 | V                  |
|                                              | 10107             | -58.72       | -25           | -33.72            | -67.64             | 3.18                 | 12.10                 | V                  |

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

| LTE Band 7 / 20MHz / QPSK for Top Antenna |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                    | 5052              | -62.22       | -25           | -37.22            | -68.94             | 2.40                 | 9.12                  | H                  |
|                                           | 7580              | -61.05       | -25           | -36.05            | -70.68             | 2.87                 | 12.50                 | H                  |
|                                           | 10107             | -51.04       | -25           | -26.04            | -59.96             | 3.18                 | 12.10                 | H                  |
|                                           | 5052              | -60.81       | -25           | -35.81            | -67.53             | 2.40                 | 9.12                  | V                  |
|                                           | 7580              | -61.49       | -25           | -36.49            | -71.12             | 2.87                 | 12.50                 | V                  |
|                                           | 10107             | -53.58       | -25           | -28.58            | -62.50             | 3.18                 | 12.10                 | V                  |

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

| LTE Band 38 / 20MHz / QPSK for Bottom Antenna |                   |              |               |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 5172              | -66.19       | -25           | -41.19            | -73.02             | 2.46                 | 9.29                  | H                  |
|                                               | 7760              | -61.17       | -25           | -36.17            | -70.36             | 3.01                 | 12.20                 | H                  |
|                                               | 10341             | -57.66       | -25           | -32.66            | -66.39             | 3.52                 | 12.25                 | H                  |
|                                               | 5172              | -65.77       | -25           | -40.77            | -72.60             | 2.46                 | 9.29                  | V                  |
|                                               | 7758              | -60.89       | -25           | -35.89            | -70.08             | 3.01                 | 12.20                 | V                  |
|                                               | 10341             | -56.43       | -25           | -31.43            | -65.16             | 3.52                 | 12.25                 | V                  |

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



| LTE Band 38 / 20MHz / QPSK for TopAntenna |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                    | 5172              | -61.65       | -25           | -36.65            | -68.48             | 2.46                 | 9.29                  | H                  |
|                                           | 7760              | -60.37       | -25           | -35.37            | -69.56             | 3.01                 | 12.20                 | H                  |
|                                           | 10341             | -43.83       | -25           | -18.83            | -52.56             | 3.52                 | 12.25                 | H                  |
|                                           | 5172              | -57.97       | -25           | -32.97            | -64.80             | 2.46                 | 9.29                  | V                  |
|                                           | 7760              | -61.14       | -25           | -36.14            | -70.33             | 3.01                 | 12.20                 | V                  |
|                                           | 10341             | -45.12       | -25           | -20.12            | -53.85             | 3.52                 | 12.25                 | V                  |

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

#### For CA

| LTE Band 7 CA / 20M+20M / QPSK for Bottom Antenna |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                            | 5001              | -63.66       | -25           | -38.66            | -71.02             | 1.76                 | 9.12                  | H                  |
|                                                   | 7503              | -61.59       | -25           | -36.59            | -71.56             | 2.16                 | 12.13                 | H                  |
|                                                   | 10008             | -60.68       | -25           | -35.68            | -70.56             | 2.22                 | 12.10                 | H                  |
|                                                   | 5001              | -63.62       | -25           | -38.62            | -70.98             | 1.76                 | 9.12                  | V                  |
|                                                   | 7503              | -61.66       | -25           | -36.66            | -71.63             | 2.16                 | 12.13                 | V                  |
|                                                   | 10008             | -60.76       | -25           | -35.76            | -70.64             | 2.22                 | 12.10                 | V                  |

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

| LTE Band 7 CA / 20M+20M / QPSK for Top Antenna |                   |              |               |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5001              | -63.88       | -25           | -38.88            | -71.24             | 1.76                 | 9.12                  | H                  |
|                                                | 7503              | -61.60       | -25           | -36.60            | -71.57             | 2.16                 | 12.13                 | H                  |
|                                                | 10008             | -60.98       | -25           | -35.98            | -70.86             | 2.22                 | 12.10                 | H                  |
|                                                | 5001              | -63.73       | -25           | -38.73            | -71.09             | 1.76                 | 9.12                  | V                  |
|                                                | 7503              | -61.68       | -25           | -36.68            | -71.65             | 2.16                 | 12.13                 | V                  |
|                                                | 10008             | -60.57       | -25           | -35.57            | -70.45             | 2.22                 | 12.10                 | V                  |

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



| LTE Band 38 CA / 20M+20M / QPSK for Bottom Antenna |                      |                 |                  |                         |                          |                            |                             |                       |
|----------------------------------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                            | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                             | 5142                 | -61.22          | -25              | -36.22                  | -68.20                   | 2.40                       | 9.38                        | H                     |
|                                                    | 7713                 | -50.86          | -25              | -25.86                  | -60.41                   | 2.97                       | 12.51                       | H                     |
|                                                    | 10287                | -60.51          | -25              | -35.51                  | -69.12                   | 3.49                       | 12.10                       | H                     |
|                                                    | 5142                 | -62.74          | -25              | -37.74                  | -69.72                   | 2.40                       | 9.38                        | V                     |
|                                                    | 7713                 | -49.51          | -25              | -24.51                  | -59.06                   | 2.97                       | 12.51                       | V                     |
|                                                    | 10287                | -58.61          | -25              | -33.61                  | -67.22                   | 3.49                       | 12.10                       | V                     |

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

| LTE Band 38 CA / 20M+20M / QPSK for Top Antenna |                      |                 |                  |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 5142                 | -63.46          | -25              | -38.46                  | -70.44                   | 2.40                       | 9.38                        | H                     |
|                                                 | 7713                 | -43.27          | -25              | -18.27                  | -52.82                   | 2.97                       | 12.51                       | H                     |
|                                                 | 10287                | -60.15          | -25              | -35.15                  | -68.76                   | 3.49                       | 12.10                       | H                     |
|                                                 | 5142                 | -63.11          | -25              | -38.11                  | -70.09                   | 2.40                       | 9.38                        | V                     |
|                                                 | 7713                 | -46.39          | -25              | -21.39                  | -55.94                   | 2.97                       | 12.51                       | V                     |
|                                                 | 10287                | -58.25          | -25              | -33.25                  | -66.86                   | 3.49                       | 12.10                       | V                     |

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