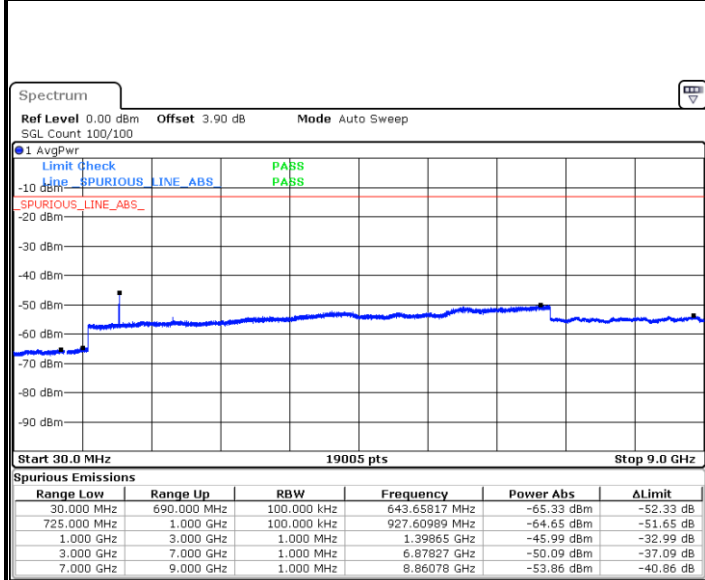




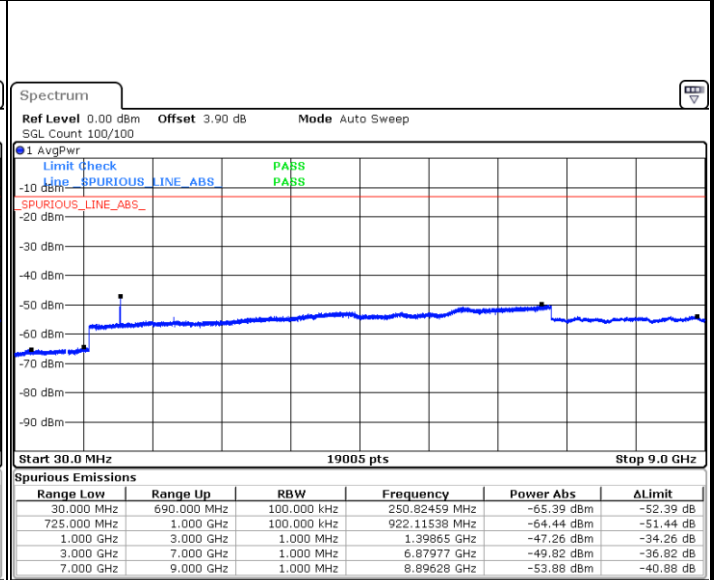
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



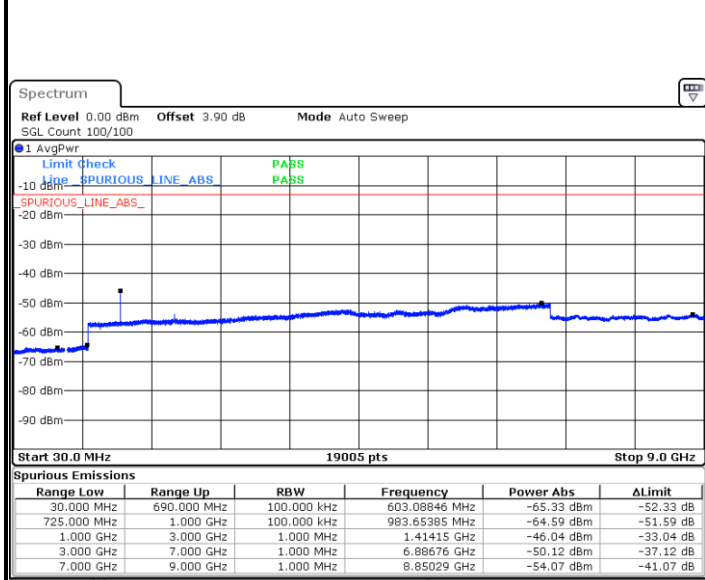
Date: 9 JUL 2017 10:00:21

Lowest Channel / 16QAM



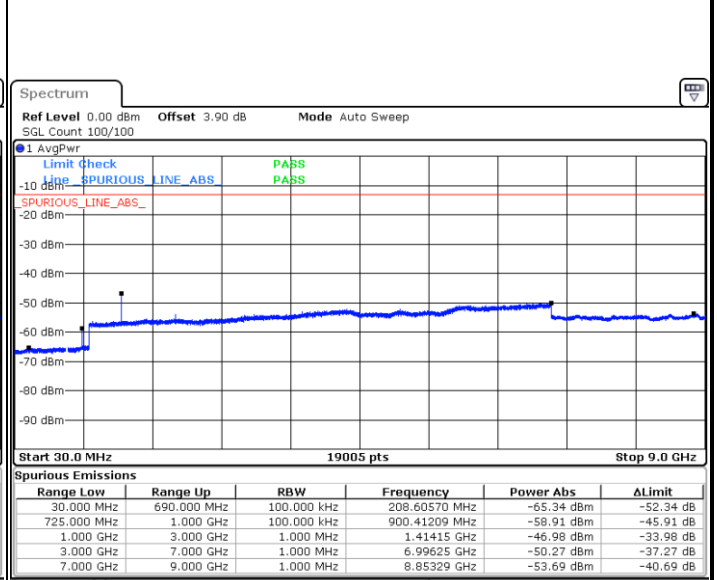
Date: 9 JUL 2017 10:01:16

Middle Channel / QPSK



Date: 9 JUL 2017 11:08:48

Middle Channel / 16QAM

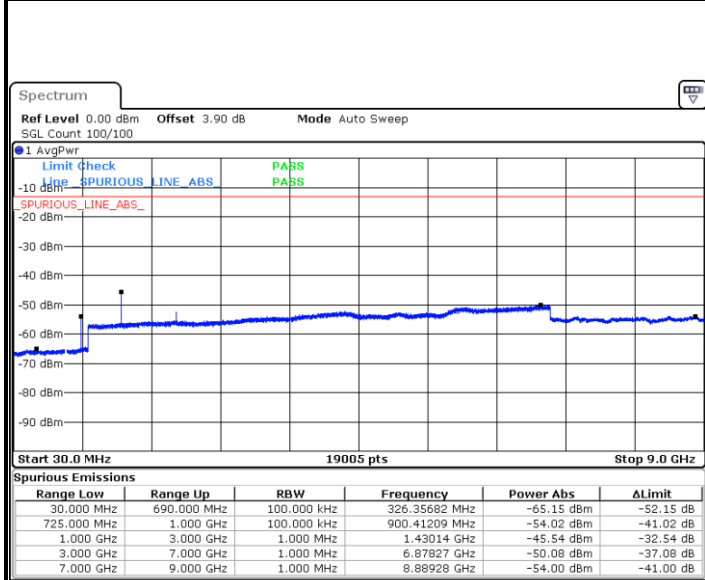


Date: 9 JUL 2017 10:02:10



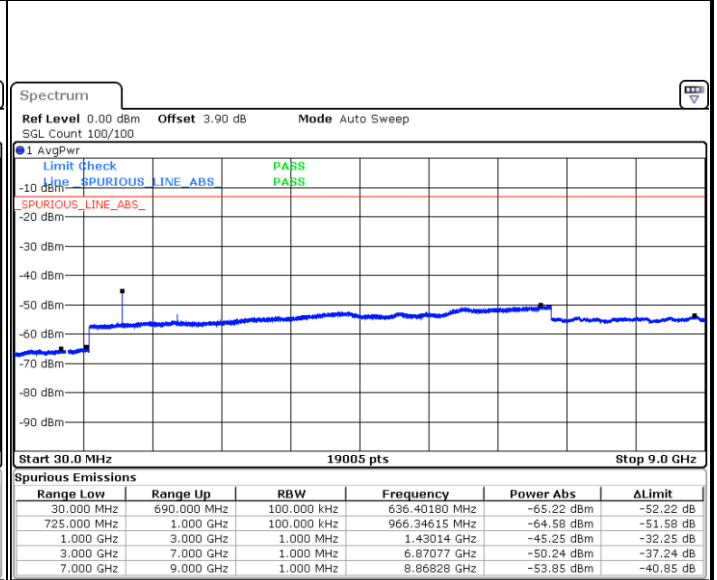
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 9 JUL 2017 10:03:59

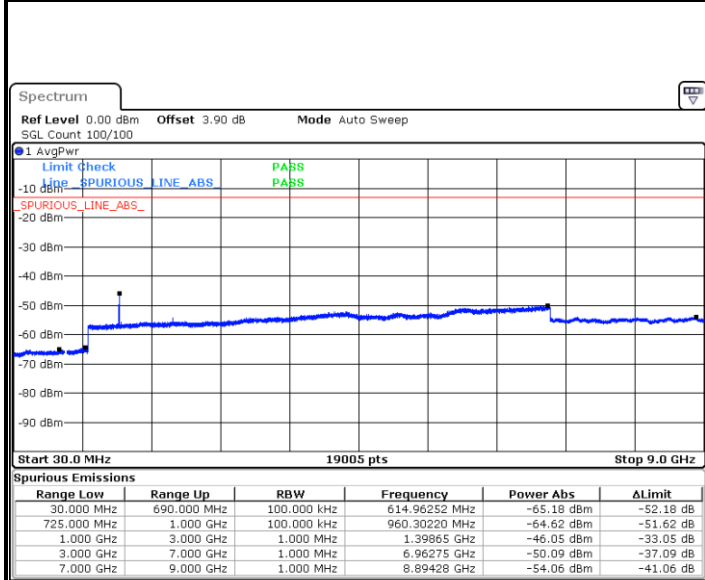
Highest Channel / 16QAM



Date: 9 JUL 2017 10:04:53

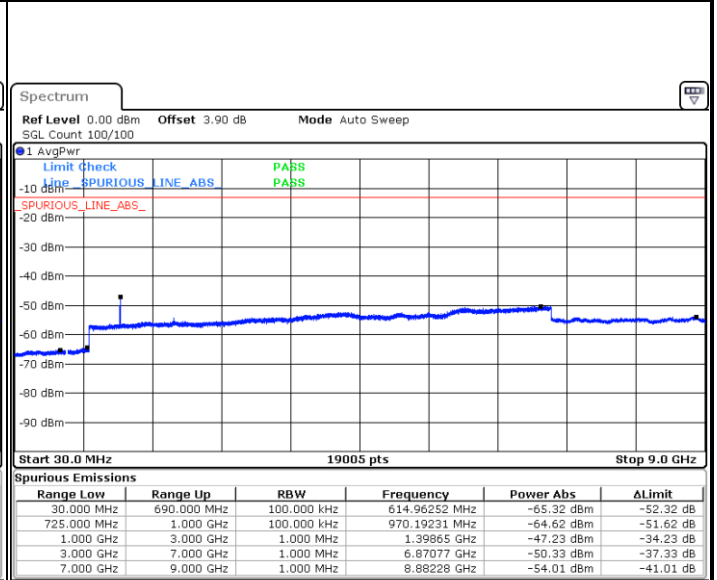
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9 JUL 2017 10:17:09

Lowest Channel / 16QAM

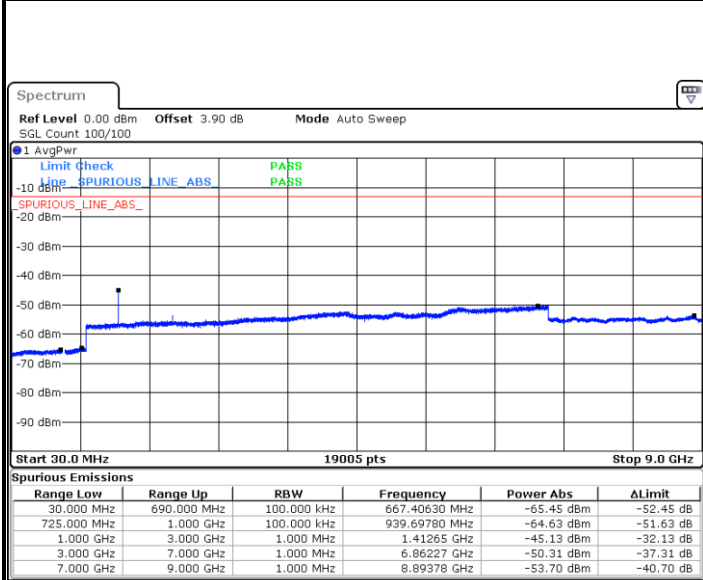


Date: 9 JUL 2017 10:18:03



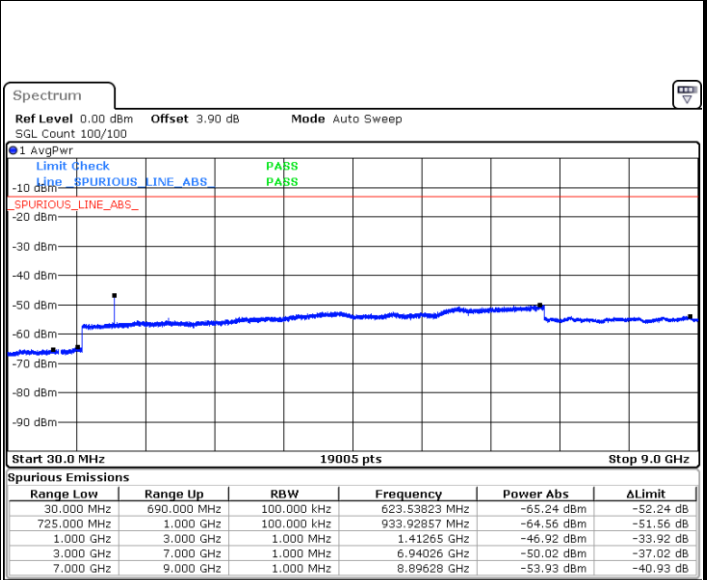
LTE Band 12 / 3MHz

Middle Channel / QPSK



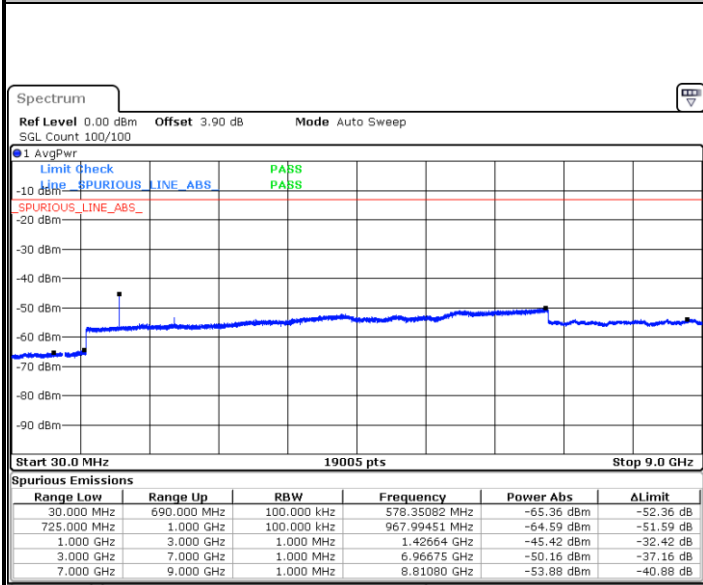
Date: 9 JUL 2017 10:19:52

Middle Channel / 16QAM



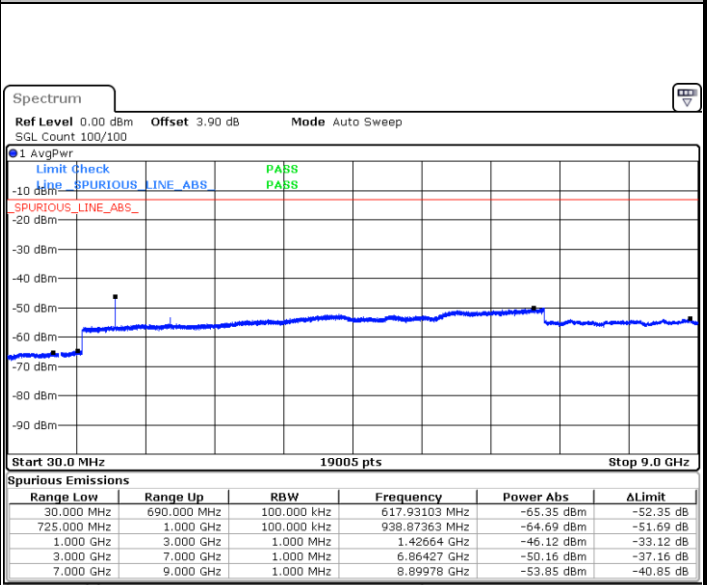
Date: 9 JUL 2017 10:18:58

Highest Channel / QPSK



Date: 9 JUL 2017 10:20:46

Highest Channel / 16QAM



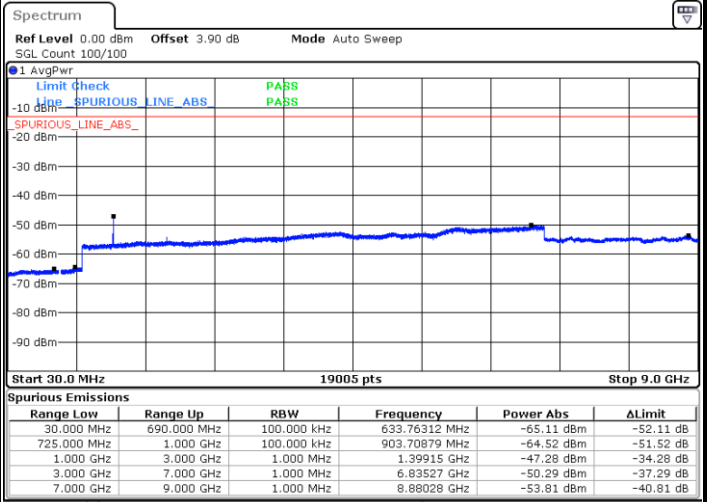
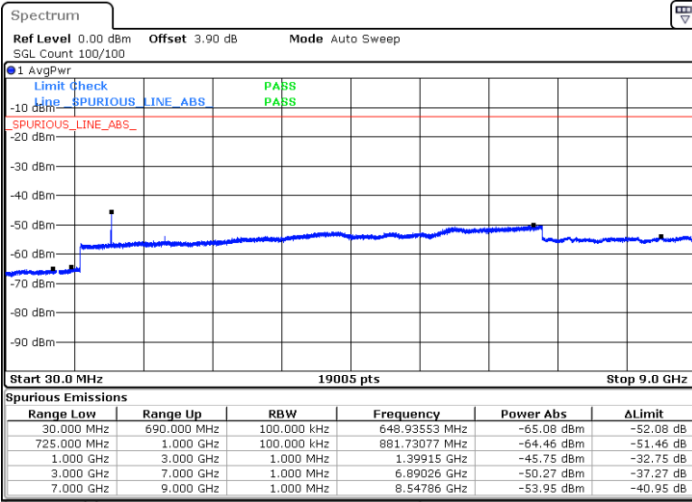
Date: 9 JUL 2017 10:21:41



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

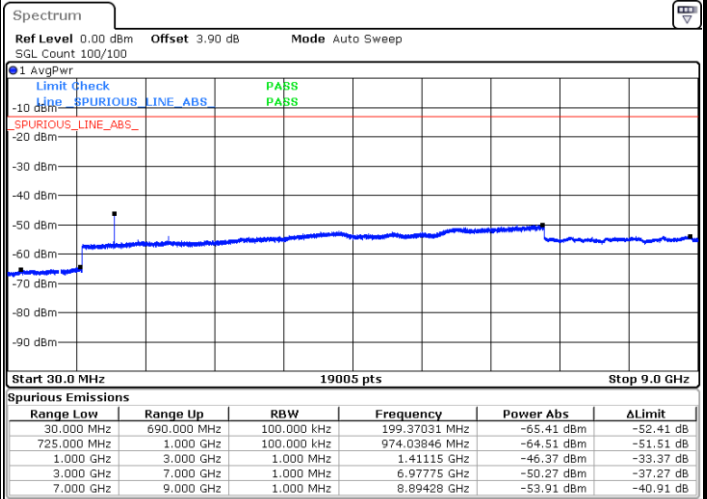
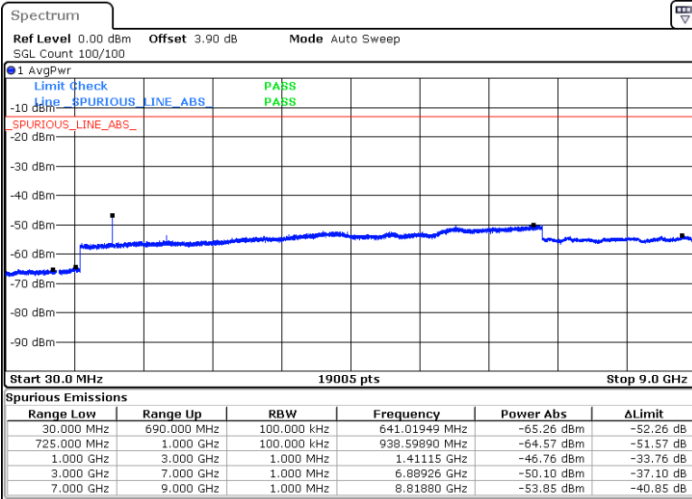


Date: 9 JUL 2017 10:33:56

Date: 9 JUL 2017 10:34:50

Middle Channel / QPSK

Middle Channel / 16QAM



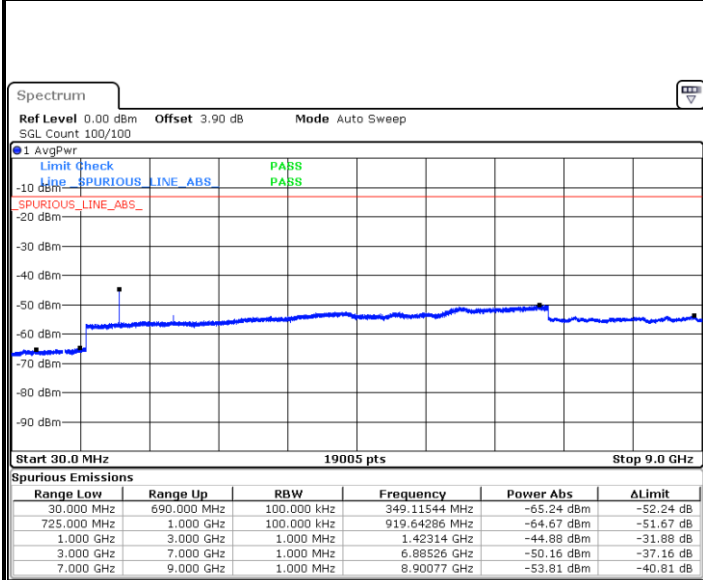
Date: 9 JUL 2017 10:36:39

Date: 9 JUL 2017 10:35:45



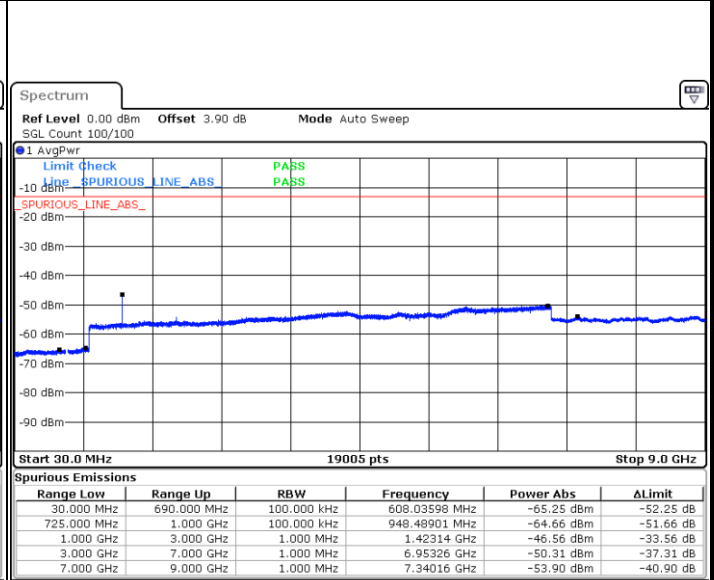
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9 JUL 2017 10:37:33

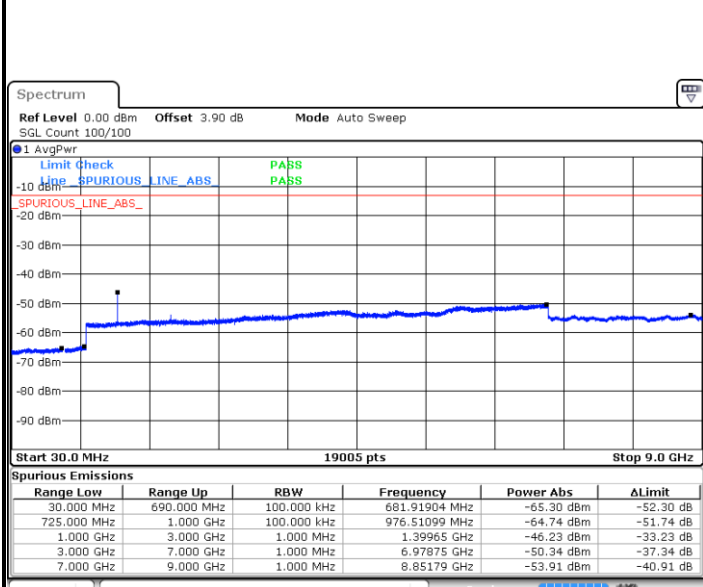
Highest Channel / 16QAM



Date: 9 JUL 2017 10:38:28

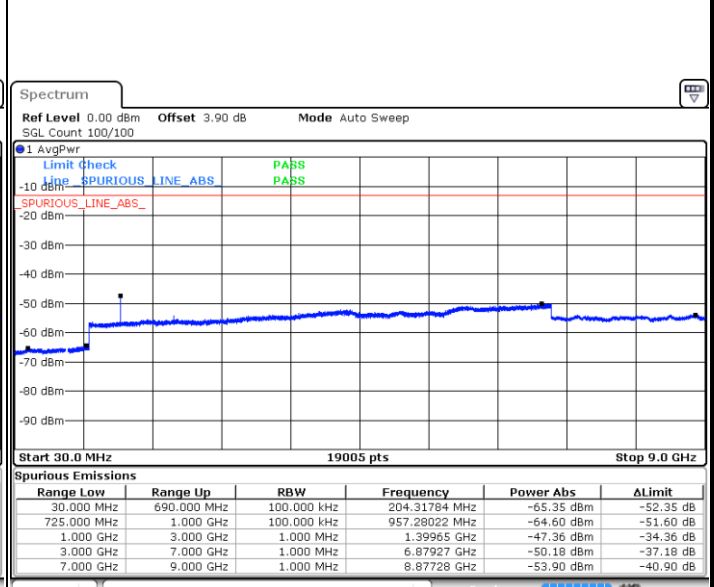
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 9 JUL 2017 10:50:43

Lowest Channel / 16QAM



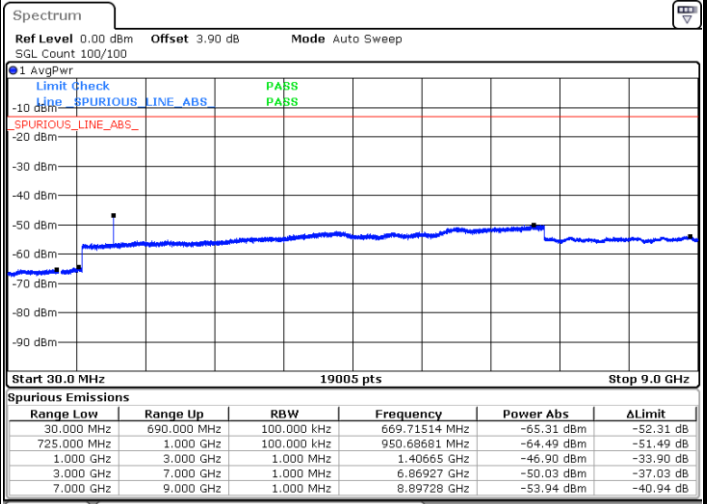
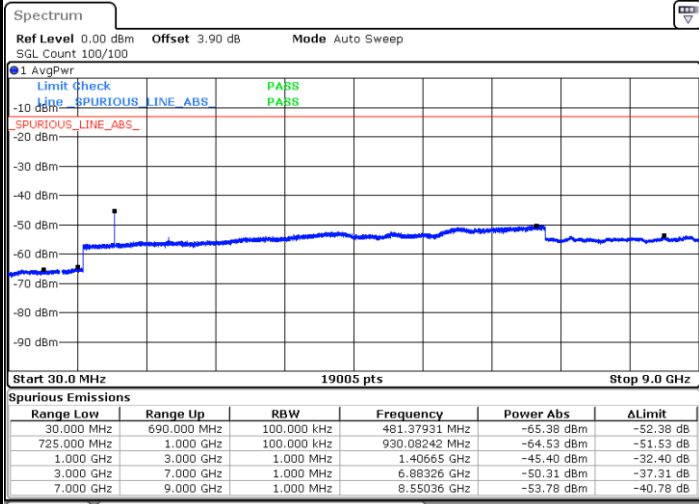
Date: 9 JUL 2017 10:51:37



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

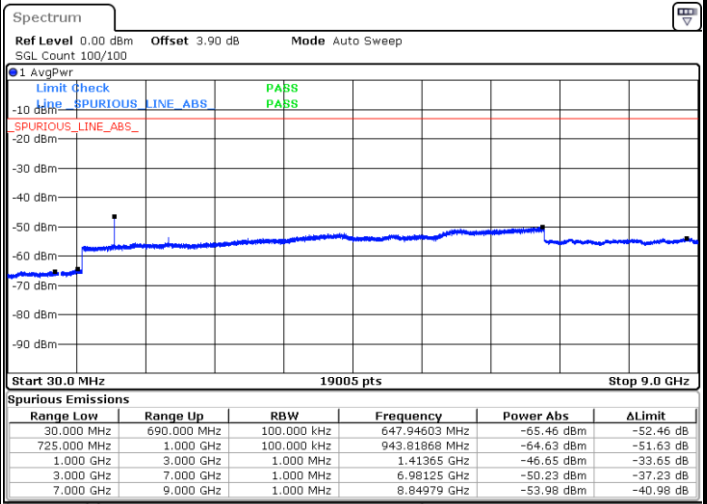
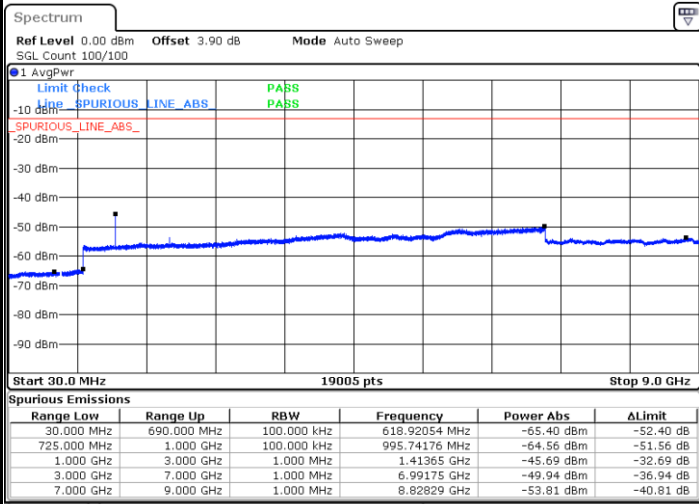


Date: 9 JUL 2017 10:53:26

Date: 9 JUL 2017 10:52:31

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 JUL 2017 10:54:20

Date: 9 JUL 2017 10:55:14



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    | 0.0017                             | PASS    |
| 40               | Normal Voltage    | 0.0014                             |         |
| 30               | Normal Voltage    | 0.0004                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0010                             |         |
| 0                | Normal Voltage    | 0.0002                             |         |
| -10              | Normal Voltage    | 0.0006                             |         |
| -20              | Normal Voltage    | 0.0013                             |         |
| -30              | Normal Voltage    | 0.0003                             |         |
| 20               | Maximum Voltage   | 0.0012                             |         |
| 20               | Normal Voltage    | 0.0010                             |         |
| 20               | Battery End Point | 0.0001                             |         |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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    | 0.0003                             | PASS    |
| 40               | Normal Voltage    | 0.0016                             |         |
| 30               | Normal Voltage    | 0.0021                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0016                             |         |
| 0                | Normal Voltage    | 0.0022                             |         |
| -10              | Normal Voltage    | 0.0018                             |         |
| -20              | Normal Voltage    | 0.0002                             |         |
| -30              | Normal Voltage    | 0.0013                             |         |
| 20               | Maximum Voltage   | 0.0000                             |         |
| 20               | Normal Voltage    | 0.0016                             |         |
| 20               | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





| Test Conditions  |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | 2.5ppm |
|                  |                   | Deviation (ppm)                    | Result |
| 50               | Normal Voltage    | 0.0037                             | PASS   |
| 40               | Normal Voltage    | 0.0008                             |        |
| 30               | Normal Voltage    | 0.0016                             |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |        |
| 10               | Normal Voltage    | 0.0019                             |        |
| 0                | Normal Voltage    | 0.0026                             |        |
| -10              | Normal Voltage    | 0.0019                             |        |
| -20              | Normal Voltage    | 0.0012                             |        |
| -30              | Normal Voltage    | 0.0035                             |        |
| 20               | Maximum Voltage   | 0.0032                             |        |
| 20               | Normal Voltage    | 0.0011                             |        |
| 20               | Battery End Point | 0.0025                             |        |

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



| Test Conditions  |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0037                              | PASS    |
| 40               | Normal Voltage    | 0.0013                              |         |
| 30               | Normal Voltage    | 0.0023                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0014                              |         |
| 0                | Normal Voltage    | 0.0025                              |         |
| -10              | Normal Voltage    | 0.0041                              |         |
| -20              | Normal Voltage    | 0.0016                              |         |
| -30              | Normal Voltage    | 0.0054                              |         |
| 20               | Maximum Voltage   | 0.0048                              |         |
| 20               | Normal Voltage    | 0.0016                              |         |
| 20               | Battery End Point | 0.0007                              |         |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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              | -61.11       | -13           | -48.11            | -75.35            | -62.82             | 5.08                 | 6.80                  | H                  |
|   | 5637              | -58.97       | -13           | -45.97            | -75.77            | -60.64             | 8.03                 | 9.70                  | H                  |
|   | 7518              | -54.04       | -13           | -41.04            | -75.34            | -56.42             | 9.43                 | 11.81                 | H                  |
|   | 3759              | -63.42       | -13           | -50.42            | -75.85            | -65.13             | 5.08                 | 6.80                  | V                  |
|   | 5637              | -59.57       | -13           | -46.57            | -76.66            | -61.24             | 8.03                 | 9.70                  | V                  |
|   | 7518              | -55.49       | -13           | -42.49            | -76.63            | -57.87             | 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              | -61.56       | -13           | -48.56            | -75.80            | -63.27             | 5.08                 | 6.80                  | H                  |
|   | 5637              | -60.11       | -13           | -47.11            | -76.91            | -61.78             | 8.03                 | 9.70                  | H                  |
|   | 7515              | -53.31       | -13           | -40.31            | -74.61            | -55.69             | 9.43                 | 11.81                 | H                  |
|   | 3756              | -62.36       | -13           | -49.36            | -74.79            | -64.07             | 5.08                 | 6.80                  | V                  |
|   | 5637              | -58.70       | -13           | -45.70            | -75.79            | -60.37             | 8.03                 | 9.70                  | V                  |
|   | 7515              | -54.43       | -13           | -41.43            | -75.57            | -56.81             | 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              | -61.77       | -13           | -48.77            | -76.01            | -63.48             | 5.08                 | 6.80                  | H                  |
|   | 5634              | -59.15       | -13           | -46.15            | -75.95            | -60.82             | 8.03                 | 9.70                  | H                  |
|   | 7512              | -55.22       | -13           | -42.22            | -76.52            | -57.60             | 9.43                 | 11.81                 | H                  |
|   | 3756              | -63.68       | -13           | -50.68            | -76.11            | -65.39             | 5.08                 | 6.80                  | V                  |
|   | 5634              | -59.25       | -13           | -46.25            | -76.34            | -60.92             | 8.03                 | 9.70                  | V                  |
|   | 7512              | -55.21       | -13           | -42.21            | -76.35            | -57.59             | 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              | -61.24       | -13           | -48.24            | -75.48            | -62.95             | 5.08                 | 6.80                  | H                  |
|  | 5628              | -60.01       | -13           | -47.01            | -76.81            | -61.68             | 8.03                 | 9.70                  | H                  |
|  | 7503              | -54.19       | -13           | -41.19            | -75.49            | -56.57             | 9.43                 | 11.81                 | H                  |
|  | 3750              | -62.89       | -13           | -49.89            | -75.32            | -64.60             | 5.08                 | 6.80                  | V                  |
|  | 5628              | -60.13       | -13           | -47.13            | -77.22            | -61.80             | 8.03                 | 9.70                  | V                  |
|  | 7503              | -54.71       | -13           | -41.71            | -75.85            | -57.09             | 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              | -62.04       | -13           | -49.04            | -76.28            | -63.75             | 5.08                 | 6.80                  | H                  |
|  | 5619              | -59.81       | -13           | -46.81            | -76.61            | -61.48             | 8.03                 | 9.70                  | H                  |
|  | 7494              | -55.16       | -13           | -42.16            | -76.46            | -57.54             | 9.43                 | 11.81                 | H                  |
|  | 3747              | -63.60       | -13           | -50.60            | -76.03            | -65.31             | 5.08                 | 6.80                  | V                  |
|  | 5619              | -58.67       | -13           | -45.67            | -75.76            | -60.34             | 8.03                 | 9.70                  | V                  |
|  | 7494              | -55.52       | -13           | -42.52            | -76.66            | -57.90             | 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              | -61.62       | -13           | -48.62            | -75.86            | -63.33             | 5.08                 | 6.80                  | H                  |
|  | 5613              | -59.98       | -13           | -46.98            | -76.78            | -61.65             | 8.03                 | 9.70                  | H                  |
|  | 7485              | -53.82       | -13           | -40.82            | -75.12            | -56.20             | 9.43                 | 11.81                 | H                  |
|  | 3741              | -63.20       | -13           | -50.20            | -75.63            | -64.91             | 5.08                 | 6.80                  | V                  |
|  | 5613              | -60.12       | -13           | -47.12            | -77.21            | -61.79             | 8.03                 | 9.70                  | V                  |
|  | 7485              | -55.64       | -13           | -42.64            | -76.78            | -58.02             | 9.43                 | 11.81                 | V                  |

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



| LTE Band 4 / 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  | 3465              | -63.83       | -13           | -50.83            | -72.73            | -67.80             | 4.87                 | 8.84                  | H                  |
|   | 5196              | -63.02       | -13           | -50.02            | -73.95            | -64.46             | 7.70                 | 9.14                  | H                  |
|   | 6927              | -53.83       | -13           | -40.83            | -72.30            | -55.51             | 8.98                 | 10.66                 | H                  |
|   | 3465              | -61.07       | -13           | -48.07            | -72.69            | -65.04             | 4.87                 | 8.84                  | V                  |
|   | 5196              | -62.58       | -13           | -49.58            | -76.63            | -64.02             | 7.70                 | 9.14                  | V                  |
|   | 6927              | -57.64       | -13           | -44.64            | -75.66            | -59.32             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 4 / 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  | 3462              | -63.29       | -13           | -50.29            | -72.19            | -67.26             | 4.87                 | 8.84                  | H                  |
|   | 5194              | -65.63       | -13           | -52.63            | -76.56            | -67.07             | 7.70                 | 9.14                  | H                  |
|   | 6924              | -55.36       | -13           | -42.36            | -73.83            | -57.04             | 8.98                 | 10.66                 | H                  |
|   | 3462              | -59.34       | -13           | -46.34            | -70.96            | -63.31             | 4.87                 | 8.84                  | V                  |
|   | 5193              | -62.51       | -13           | -49.51            | -76.56            | -63.95             | 7.70                 | 9.14                  | V                  |
|   | 6924              | -58.05       | -13           | -45.05            | -76.07            | -59.73             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 4 / 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  | 3459              | -64.44       | -13           | -51.44            | -73.34            | -68.41             | 4.87                 | 8.84                  | H                  |
|   | 5191              | -65.62       | -13           | -52.62            | -76.55            | -67.06             | 7.70                 | 9.14                  | H                  |
|   | 6921              | -55.41       | -13           | -42.41            | -73.88            | -57.09             | 8.98                 | 10.66                 | H                  |
|   | 3459              | -61.13       | -13           | -48.13            | -72.75            | -65.10             | 4.87                 | 8.84                  | V                  |
|   | 5190              | -61.91       | -13           | -48.91            | -75.96            | -63.35             | 7.70                 | 9.14                  | V                  |
|   | 6921              | -57.30       | -13           | -44.30            | -75.32            | -58.98             | 8.98                 | 10.66                 | V                  |

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



| LTE Band 4 / 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   | 3456              | -55.31       | -13           | -42.31            | -64.21            | -59.28             | 4.87                 | 8.84                  | H                  |
|  | 5184              | -32.68       | -13           | -19.68            | -52.38            | -34.12             | 7.70                 | 9.14                  | H                  |
|  | 6912              | -54.55       | -13           | -41.55            | -73.02            | -56.23             | 8.98                 | 10.66                 | H                  |
|  | 3456              | -54.20       | -13           | -41.20            | -65.82            | -58.17             | 4.87                 | 8.84                  | V                  |
|  | 5184              | -58.83       | -13           | -45.83            | -72.88            | -60.27             | 7.70                 | 9.14                  | V                  |
|  | 6912              | -57.95       | -13           | -44.95            | -75.97            | -59.63             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 4 / 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   | 3450              | -61.45       | -13           | -48.45            | -70.35            | -65.42             | 4.87                 | 8.84                  | H                  |
|  | 5178              | -62.18       | -13           | -49.18            | -73.11            | -63.62             | 7.70                 | 9.14                  | H                  |
|  | 6903              | -57.72       | -13           | -44.72            | -76.19            | -59.40             | 8.98                 | 10.66                 | H                  |
|  | 3450              | -60.09       | -13           | -47.09            | -71.71            | -64.06             | 4.87                 | 8.84                  | V                  |
|  | 5178              | -61.90       | -13           | -48.90            | -75.95            | -63.34             | 7.70                 | 9.14                  | V                  |
|  | 6903              | -57.37       | -13           | -44.37            | -75.39            | -59.05             | 8.98                 | 10.66                 | V                  |

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

| LTE Band 4 / 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   | 3447              | -62.30       | -13           | -49.30            | -71.20            | -66.27             | 4.87                 | 8.84                  | H                  |
|  | 5171              | -65.85       | -13           | -52.85            | -76.78            | -67.29             | 7.70                 | 9.14                  | H                  |
|  | 6894              | -56.71       | -13           | -43.71            | -75.18            | -58.39             | 8.98                 | 10.66                 | H                  |
|  | 3447              | -60.47       | -13           | -47.47            | -72.09            | -64.44             | 4.87                 | 8.84                  | V                  |
|  | 5172              | -62.06       | -13           | -49.06            | -76.11            | -63.50             | 7.70                 | 9.14                  | V                  |
|  | 6894              | -58.04       | -13           | -45.04            | -76.06            | -59.72             | 8.98                 | 10.66                 | 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              | -62.23      | -13           | -49.23            | -64.83            | -64.55             | 1.33                 | 5.80                  | H                  |
|   | 2508              | -63.46      | -13           | -50.46            | -72.81            | -66.63             | 1.58                 | 6.90                  | H                  |
|   | 3345              | -67.30      | -13           | -54.30            | -76.51            | -70.80             | 1.85                 | 7.50                  | H                  |
|   | 1672              | -68.62      | -13           | -55.62            | -70.49            | -70.94             | 1.33                 | 5.80                  | V                  |
|   | 2508              | -64.82      | -13           | -51.82            | -72.79            | -67.99             | 1.58                 | 6.90                  | V                  |
|   | 3345              | -67.78      | -13           | -54.78            | -76.80            | -71.28             | 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              | -63.36      | -13           | -50.36            | -65.96            | -65.68             | 1.33                 | 5.80                  | H                  |
|   | 2504              | -47.06      | -13           | -34.06            | -58.11            | -50.23             | 1.58                 | 6.90                  | H                  |
|   | 3342              | -66.52      | -13           | -53.52            | -75.73            | -70.02             | 1.85                 | 7.50                  | H                  |
|   | 1670              | -69.30      | -13           | -56.30            | -71.17            | -71.62             | 1.33                 | 5.80                  | V                  |
|   | 2506              | -64.90      | -13           | -51.90            | -72.87            | -68.07             | 1.58                 | 6.90                  | V                  |
|   | 3342              | -66.83      | -13           | -53.83            | -75.85            | -70.33             | 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              | -61.43      | -13           | -48.43            | -64.03            | -63.75             | 1.33                 | 5.80                  | H                  |
|   | 2504              | -62.57      | -13           | -49.57            | -71.92            | -65.74             | 1.58                 | 6.90                  | H                  |
|   | 3336              | -67.45      | -13           | -54.45            | -76.66            | -70.95             | 1.85                 | 7.50                  | H                  |
|   | 1668              | -69.46      | -13           | -56.46            | -71.33            | -71.78             | 1.33                 | 5.80                  | V                  |
|   | 2504              | -64.77      | -13           | -51.77            | -72.74            | -67.94             | 1.58                 | 6.90                  | V                  |
|   | 3336              | -67.87      | -13           | -54.87            | -76.89            | -71.37             | 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              | -44.82      | -13           | -31.82            | -50.93            | -47.14             | 1.33                 | 5.80                  | H                  |
|  | 2496              | -42.11      | -13           | -29.11            | -54.18            | -45.28             | 1.58                 | 6.90                  | H                  |
|  | 3327              | -67.07      | -13           | -54.07            | -76.28            | -70.57             | 1.85                 | 7.50                  | H                  |
|  | 1664              | -64.35      | -13           | -51.35            | -66.22            | -66.67             | 1.33                 | 5.80                  | V                  |
|  | 2496              | -63.42      | -13           | -50.42            | -71.39            | -66.59             | 1.58                 | 6.90                  | V                  |
|  | 3327              | -67.42      | -13           | -54.42            | -76.44            | -70.92             | 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              | -64.30      | -13           | -51.30            | -65.25            | -65.53             | 1.17                 | 4.55                  | H                  |
|  | 2121              | -67.26      | -13           | -54.26            | -71.85            | -69.01             | 1.45                 | 5.35                  | H                  |
|  | 2828              | -68.70      | -13           | -55.70            | -72.67            | -70.97             | 1.68                 | 6.10                  | H                  |
|  | 1414              | -65.68      | -13           | -52.68            | -66.75            | -66.91             | 1.17                 | 4.55                  | V                  |
|  | 2121              | -67.42      | -13           | -54.42            | -72.00            | -69.17             | 1.45                 | 5.35                  | V                  |
|  | 2828              | -68.53      | -13           | -55.53            | -73.21            | -70.79             | 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              | -64.25      | -13           | -51.25            | -65.20            | -65.48             | 1.17                 | 4.55                  | H                  |
|  | 2119              | -67.55      | -13           | -54.55            | -72.14            | -69.30             | 1.45                 | 5.35                  | H                  |
|  | 2825              | -69.12      | -13           | -56.12            | -73.09            | -71.39             | 1.68                 | 6.10                  | H                  |
|  | 1412              | -65.10      | -13           | -52.10            | -66.17            | -66.33             | 1.17                 | 4.55                  | V                  |
|  | 2119              | -67.13      | -13           | -54.13            | -71.71            | -68.88             | 1.45                 | 5.35                  | V                  |
|  | 2825              | -68.17      | -13           | -55.17            | -72.85            | -70.43             | 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              | -64.72      | -13           | -51.72            | -65.67            | -65.95             | 1.17                 | 4.55                  | H                  |
|  | 2116              | -67.49      | -13           | -54.49            | -72.08            | -69.24             | 1.45                 | 5.35                  | H                  |
|  | 2821              | -68.68      | -13           | -55.68            | -72.65            | -70.95             | 1.68                 | 6.10                  | H                  |
|  | 1410              | -64.84      | -13           | -51.84            | -65.91            | -66.07             | 1.17                 | 4.55                  | V                  |
|  | 2116              | -67.85      | -13           | -54.85            | -72.43            | -69.60             | 1.45                 | 5.35                  | V                  |
|  | 2821              | -68.38      | -13           | -55.38            | -73.06            | -70.64             | 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              | -65.53      | -13           | -52.53            | -66.48            | -66.76             | 1.17                 | 4.55                  | H                  |
|   | 2110              | -67.62      | -13           | -54.62            | -72.21            | -69.37             | 1.45                 | 5.35                  | H                  |
|   | 2812              | -69.38      | -13           | -56.38            | -73.35            | -71.65             | 1.68                 | 6.10                  | H                  |
|   | 1406              | -67.02      | -13           | -54.02            | -68.09            | -68.25             | 1.17                 | 4.55                  | V                  |
|   | 2109              | -67.58      | -13           | -54.58            | -72.16            | -69.33             | 1.45                 | 5.35                  | V                  |
|   | 2812              | -68.33      | -13           | -55.33            | -73.01            | -70.59             | 1.68                 | 6.10                  | V                  |

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