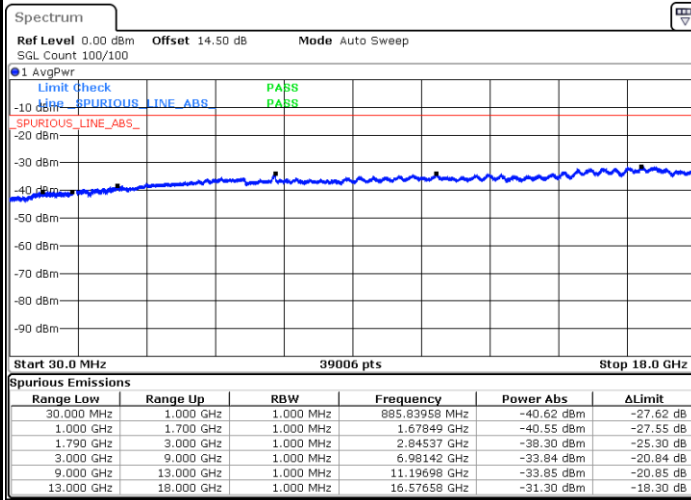




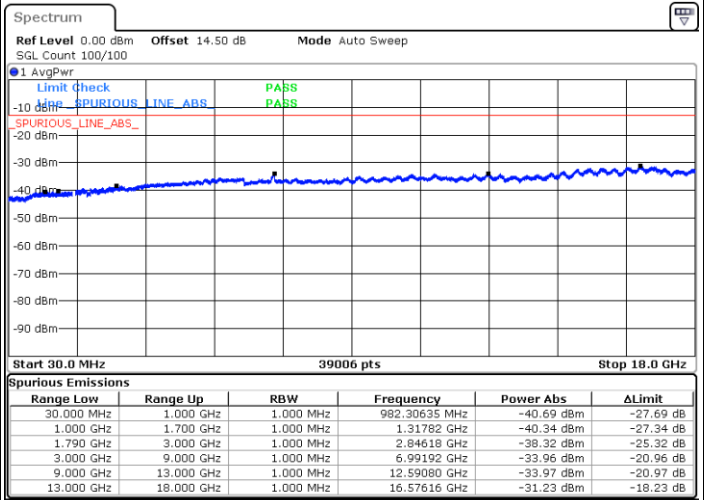
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 2.JAN.2018 11:39:10

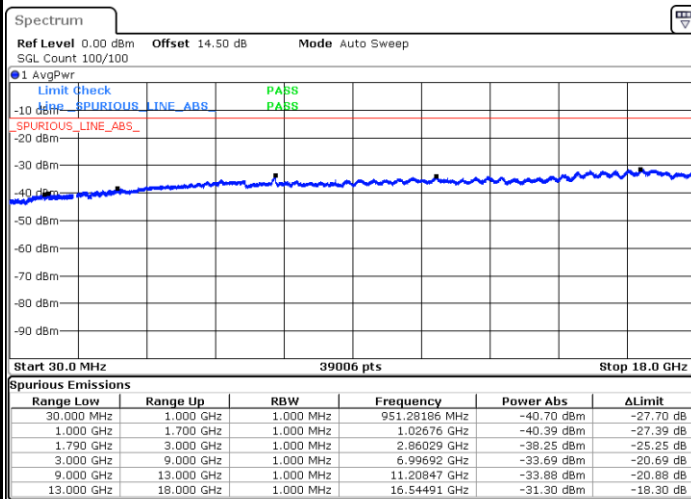
Highest Channel / 16QAM



Date: 2.JAN.2018 11:46:10

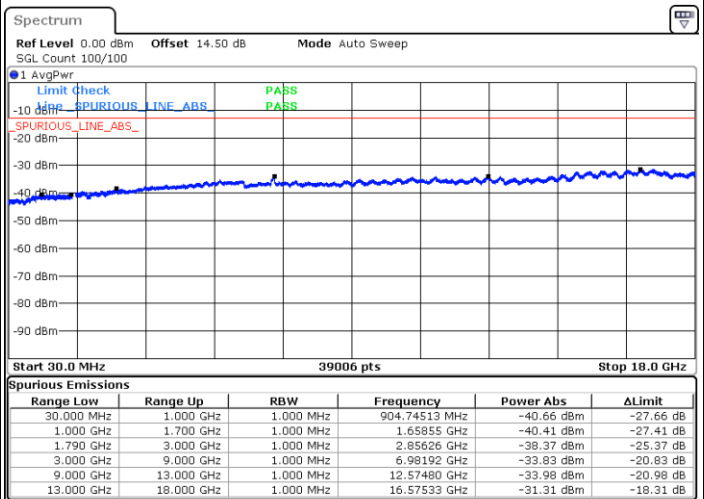
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 2.JAN.2018 13:38:49

Lowest Channel / 16QAM

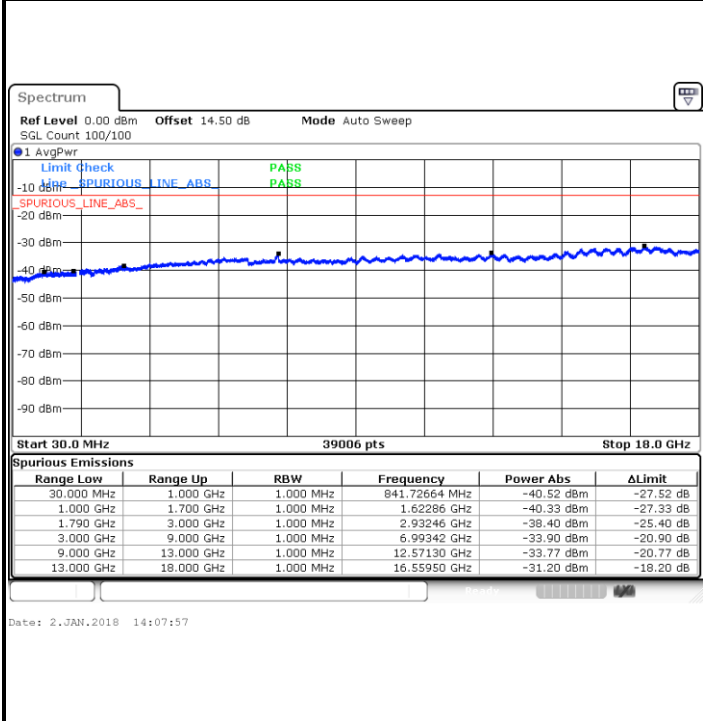


Date: 2.JAN.2018 13:48:36

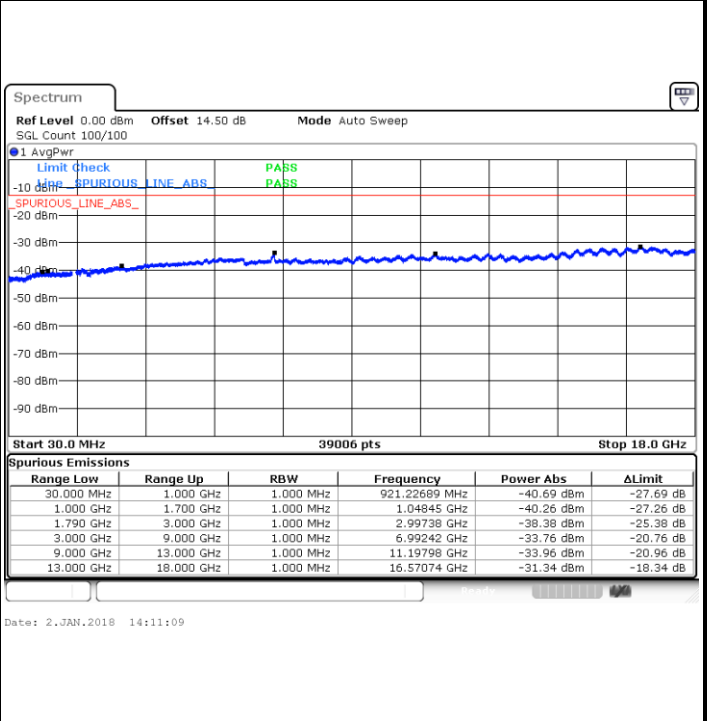


**LTE Band 66 / 3MHz**

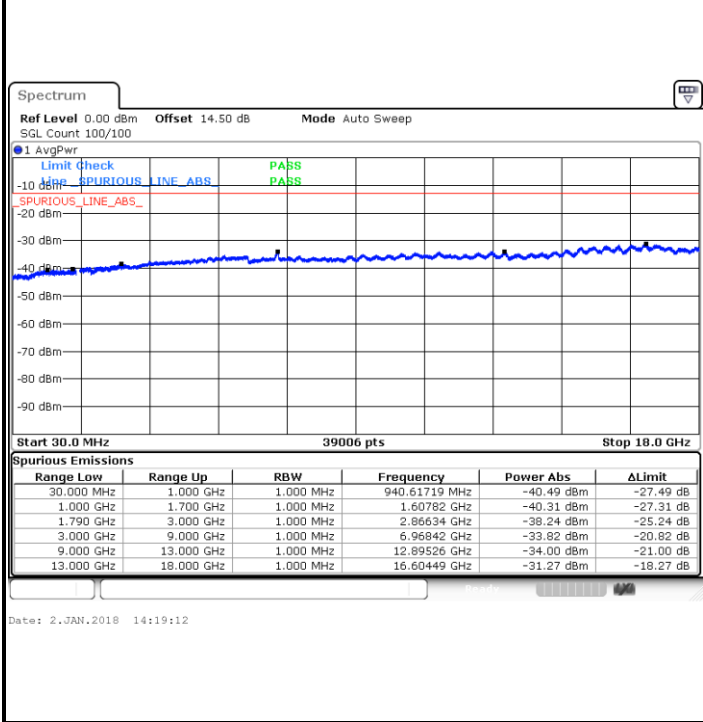
**Middle Channel / QPSK**



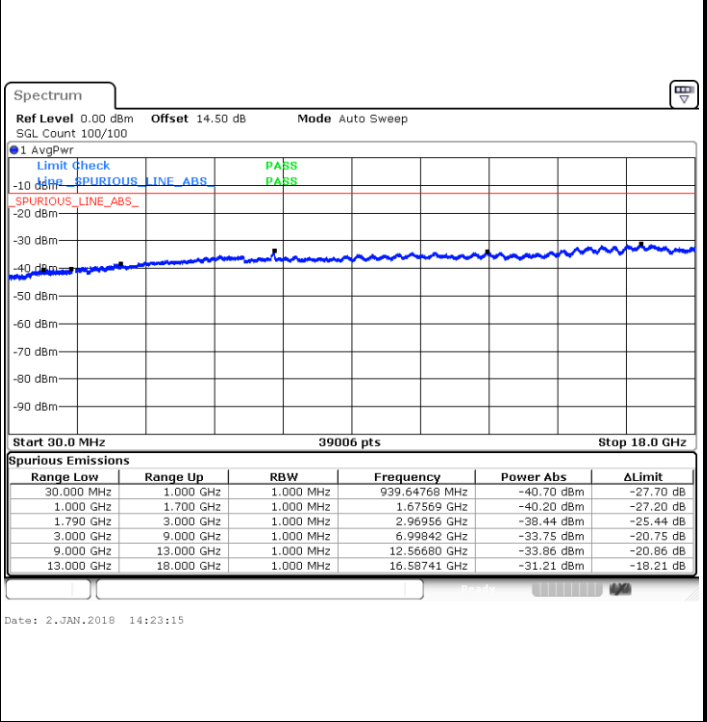
**Middle Channel / 16QAM**



**Highest Channel / QPSK**



**Highest Channel / 16QAM**

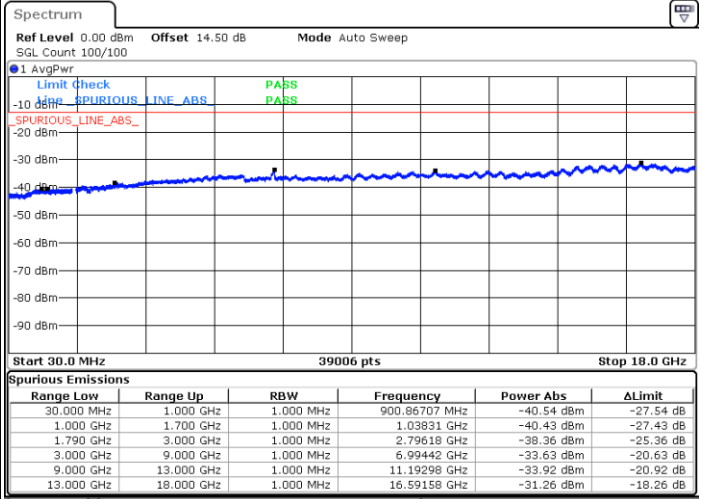
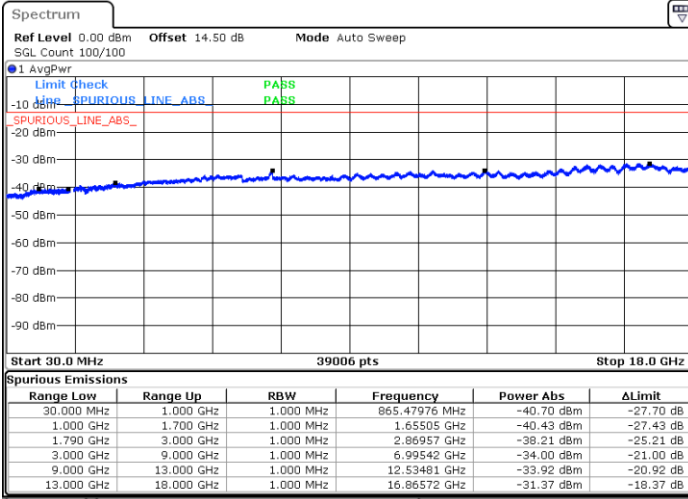




LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

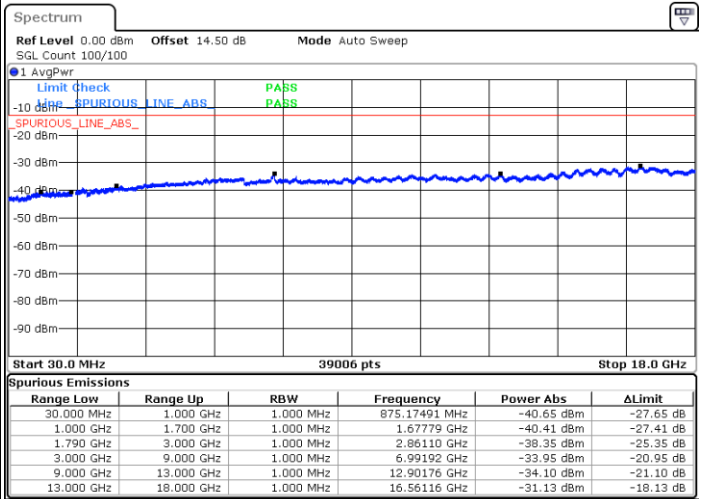
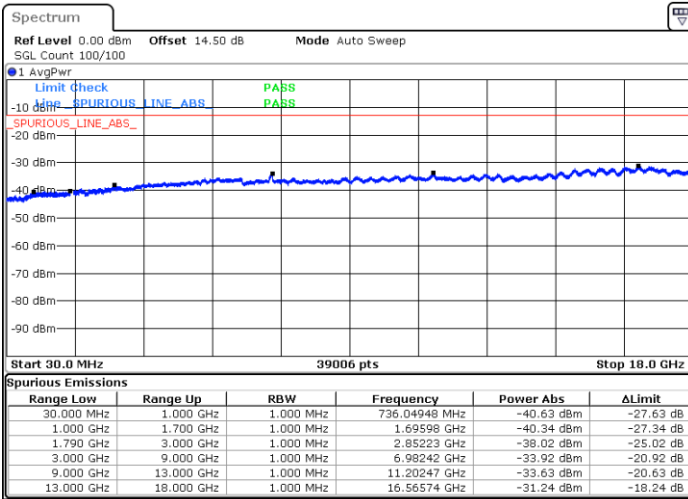


Date: 2.JAN.2018 14:39:44

Date: 2.JAN.2018 16:46:11

Middle Channel / QPSK

Middle Channel / 16QAM



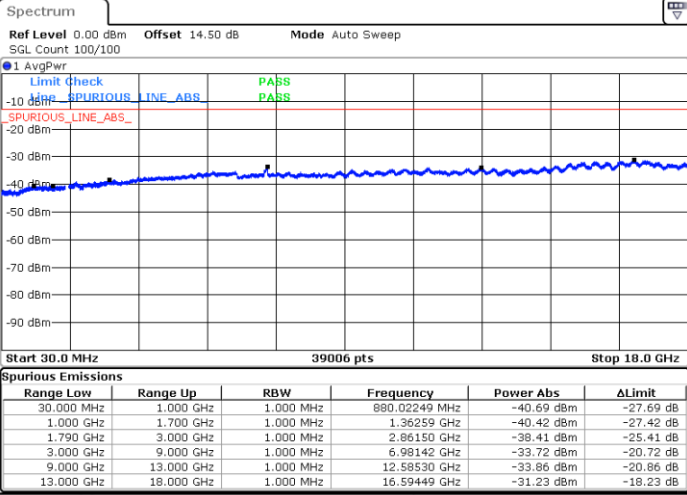
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Date: 2.JAN.2018 17:11:31

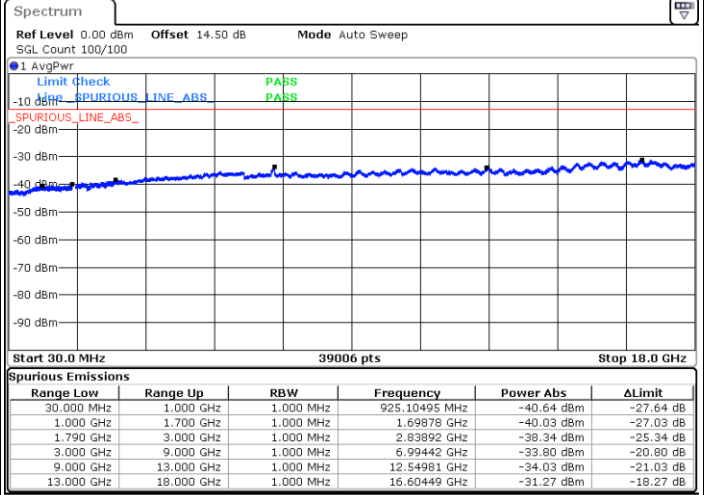


LTE Band 66 / 5MHz

Highest Channel / QPSK

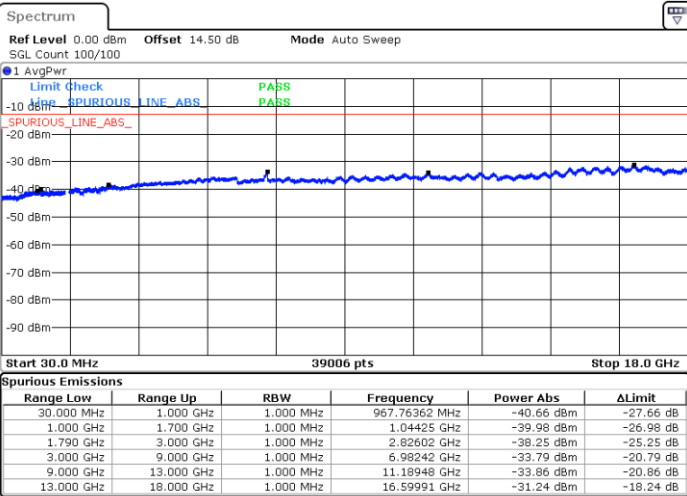


Highest Channel / 16QAM

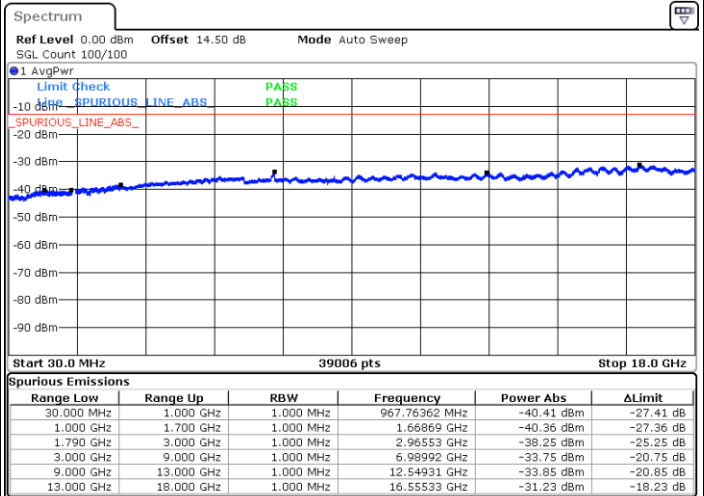


LTE Band 66 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

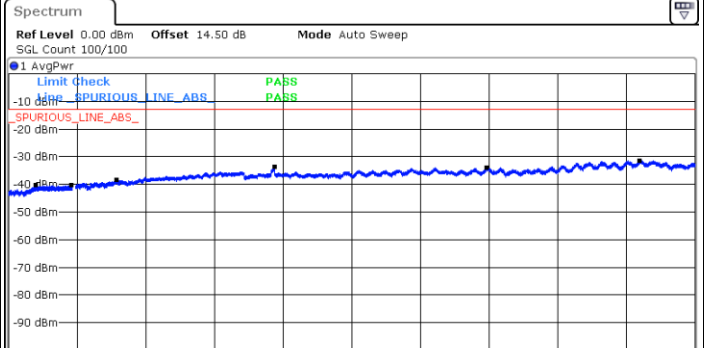
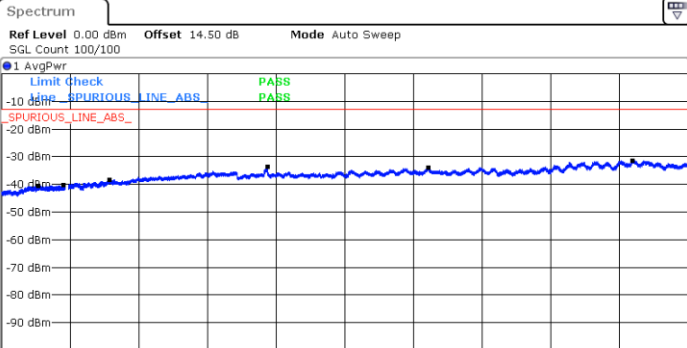




LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

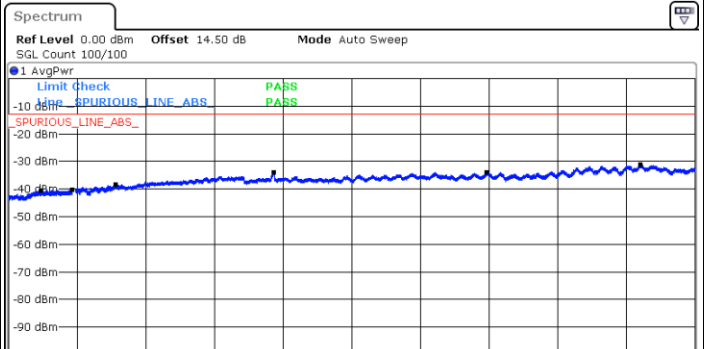
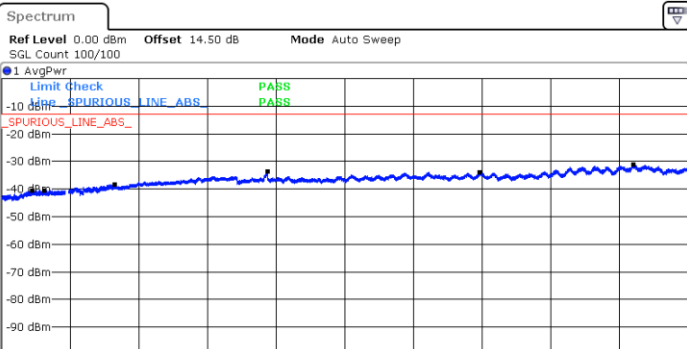


| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 996.36432 MHz | -40.71 dBm | -27.71 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.65365 GHz   | -40.34 dBm | -27.34 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.84457 GHz   | -38.22 dBm | -25.22 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.98442 GHz   | -33.74 dBm | -20.74 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.19898 GHz  | -34.03 dBm | -21.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.54908 GHz  | -31.37 dBm | -18.37 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 729.74763 MHz | -40.40 dBm | -27.40 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.65344 GHz   | -40.21 dBm | -27.21 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.85586 GHz   | -38.41 dBm | -25.41 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99592 GHz   | -33.61 dBm | -20.61 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.54481 GHz  | -33.93 dBm | -20.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.53408 GHz  | -31.33 dBm | -18.33 dB |

Highest Channel / QPSK

Highest Channel / 16QAM



| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 837.36382 MHz | -40.68 dBm | -27.68 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.15095 GHz   | -40.46 dBm | -27.46 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.99133 GHz   | -38.32 dBm | -25.32 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.98842 GHz   | -33.72 dBm | -20.72 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.55081 GHz  | -33.86 dBm | -20.86 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.56991 GHz  | -31.18 dBm | -18.18 dB |

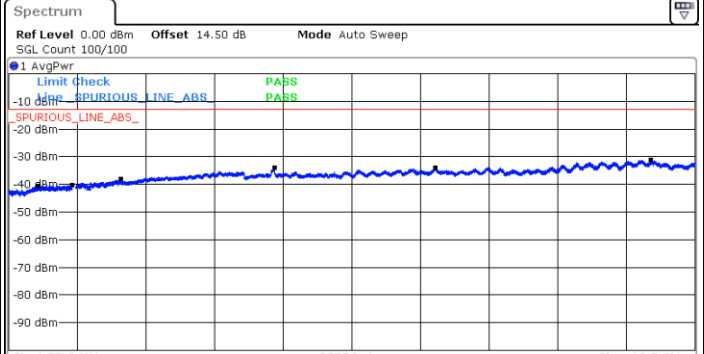
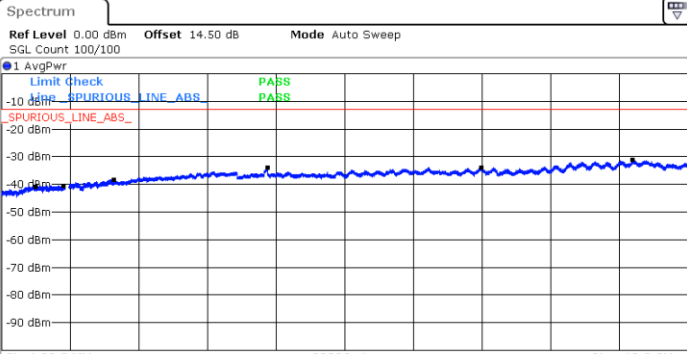
| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 882.93103 MHz | -40.69 dBm | -27.69 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.69598 GHz   | -40.40 dBm | -27.40 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.82481 GHz   | -38.43 dBm | -25.43 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.97392 GHz   | -33.96 dBm | -20.96 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.53381 GHz  | -33.96 dBm | -20.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.56783 GHz  | -31.16 dBm | -18.16 dB |



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

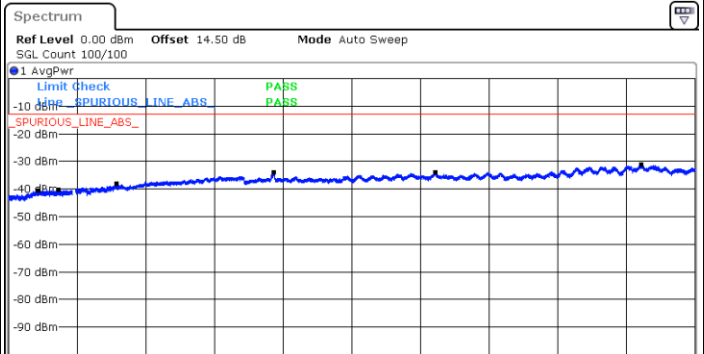
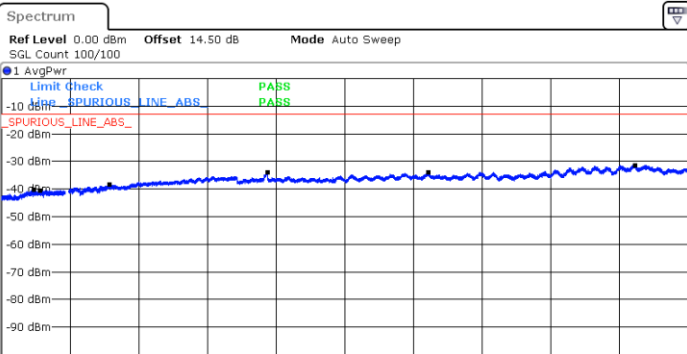


| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 918.80310 MHz | -40.80 dBm | -27.80 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.64280 GHz   | -40.41 dBm | -27.41 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.96875 GHz   | -38.39 dBm | -25.39 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99042 GHz   | -33.92 dBm | -20.92 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.58430 GHz  | -33.89 dBm | -20.89 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.54158 GHz  | -31.28 dBm | -18.28 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 801.00700 MHz | -40.58 dBm | -27.58 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.669738 GHz  | -40.34 dBm | -27.34 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.96270 GHz   | -38.08 dBm | -25.08 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99042 GHz   | -33.83 dBm | -20.83 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.19846 GHz  | -33.98 dBm | -20.98 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.82906 GHz  | -31.22 dBm | -18.22 dB |

Middle Channel / QPSK

Middle Channel / 16QAM



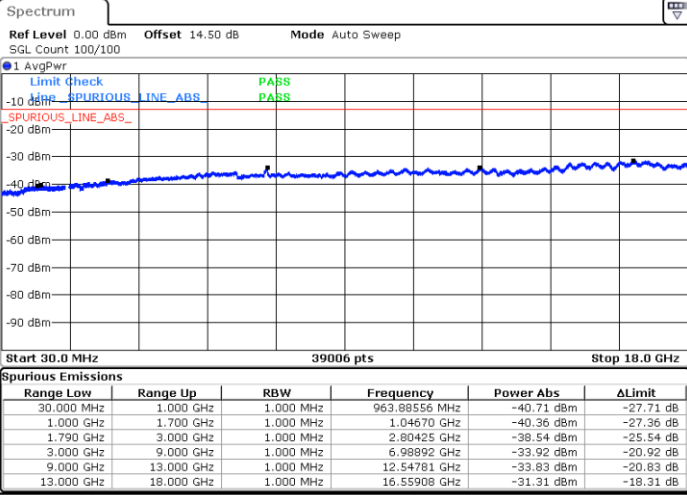
| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 880.02249 MHz | -40.36 dBm | -27.36 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.03691 GHz   | -40.49 dBm | -27.49 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.85968 GHz   | -38.33 dBm | -25.33 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99942 GHz   | -33.84 dBm | -20.84 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.19898 GHz  | -33.95 dBm | -20.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60199 GHz  | -31.43 dBm | -18.43 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 807.79360 MHz | -40.72 dBm | -27.72 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.32481 GHz   | -40.38 dBm | -27.38 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.86150 GHz   | -38.13 dBm | -25.13 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.97592 GHz   | -33.82 dBm | -20.82 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.19998 GHz  | -34.07 dBm | -21.07 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.59783 GHz  | -31.27 dBm | -18.27 dB |

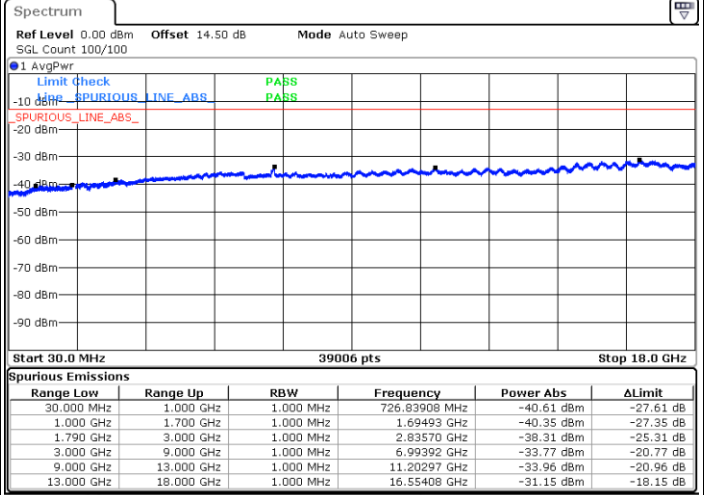


LTE Band 66 / 15MHz

Highest Channel / QPSK

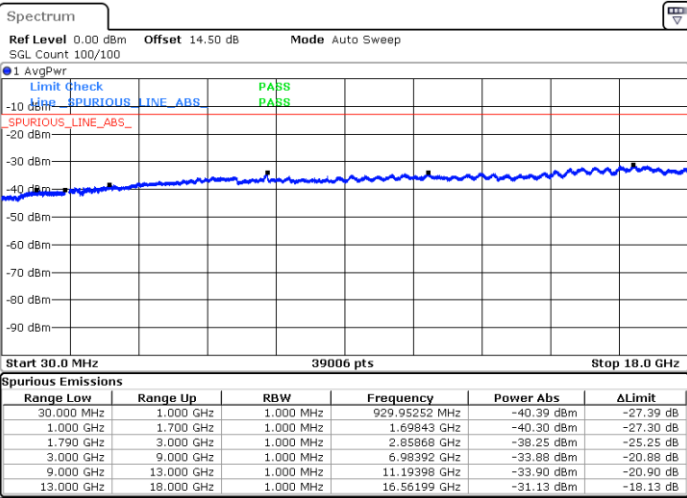


Highest Channel / 16QAM

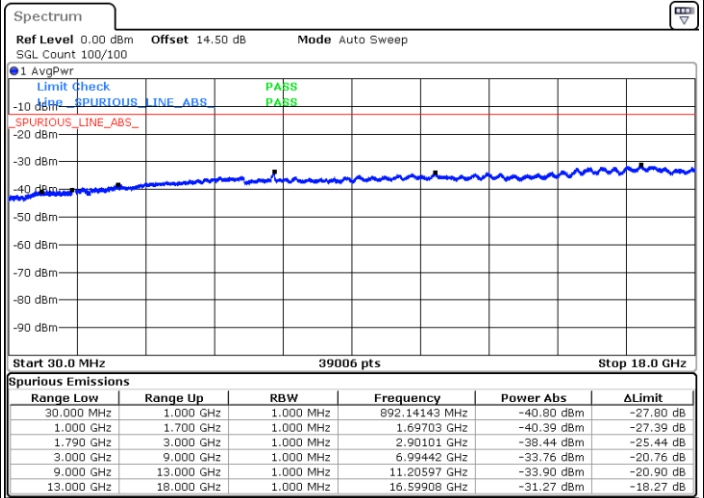


LTE Band 66 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

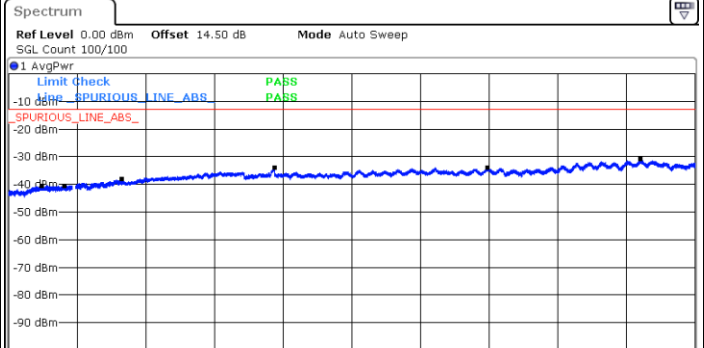
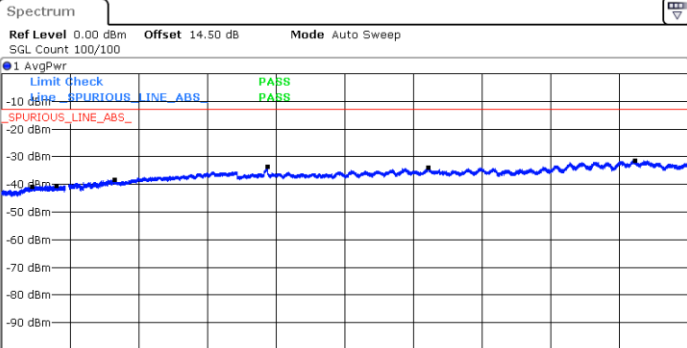




LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

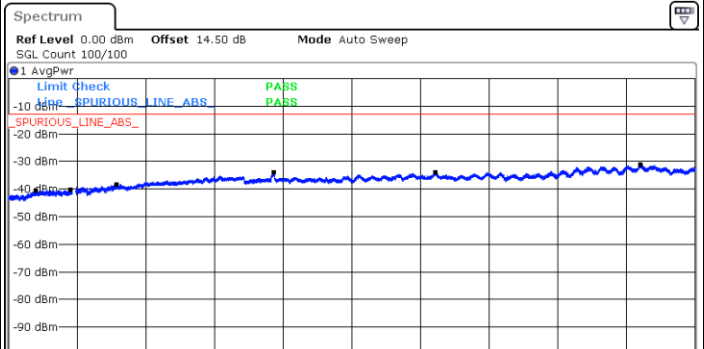
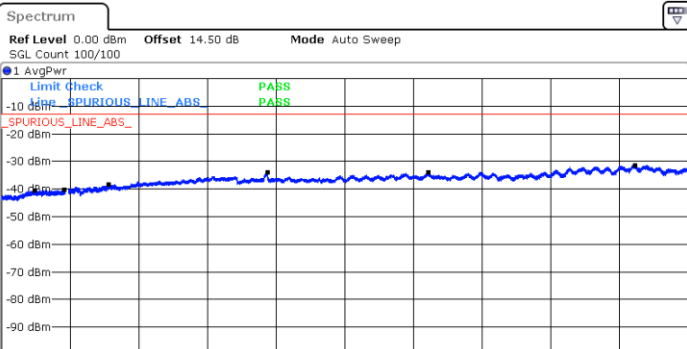


| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 826.69915 MHz | -40.77 dBm | -27.77 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.46124 GHz   | -40.50 dBm | -27.50 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.97762 GHz   | -38.46 dBm | -25.46 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99042 GHz   | -33.76 dBm | -20.76 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.19948 GHz  | -33.97 dBm | -20.97 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60657 GHz  | -31.32 dBm | -18.32 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 884.87006 MHz | -40.67 dBm | -27.67 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.48643 GHz   | -40.51 dBm | -27.51 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.99335 GHz   | -38.15 dBm | -25.15 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99592 GHz   | -33.84 dBm | -20.84 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.56930 GHz  | -33.87 dBm | -20.87 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57408 GHz  | -30.96 dBm | -17.96 dB |

Highest Channel / QPSK

Highest Channel / 16QAM



| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 900.86707 MHz | -40.48 dBm | -27.48 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.67569 GHz   | -40.37 dBm | -27.37 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.83489 GHz   | -38.35 dBm | -25.35 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99692 GHz   | -33.94 dBm | -20.94 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.20447 GHz  | -34.01 dBm | -21.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60699 GHz  | -31.35 dBm | -18.35 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 731.20190 MHz | -40.66 dBm | -27.66 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.65575 GHz   | -40.39 dBm | -27.39 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.84941 GHz   | -38.34 dBm | -25.34 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.96492 GHz   | -34.03 dBm | -21.03 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.20797 GHz  | -33.95 dBm | -20.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.56366 GHz  | -31.26 dBm | -18.26 dB |

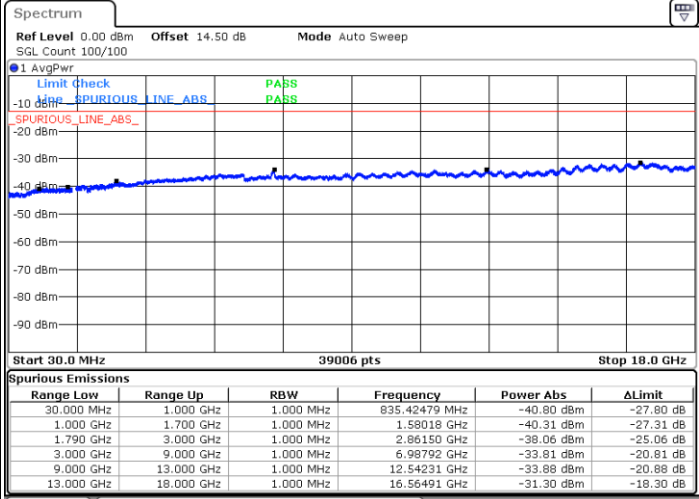
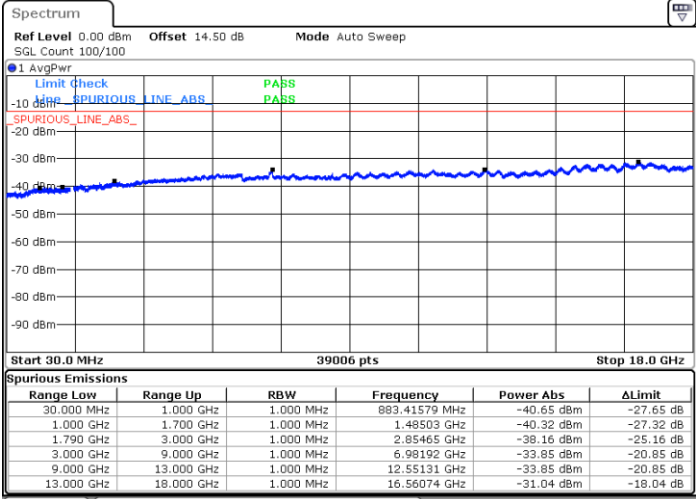




LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

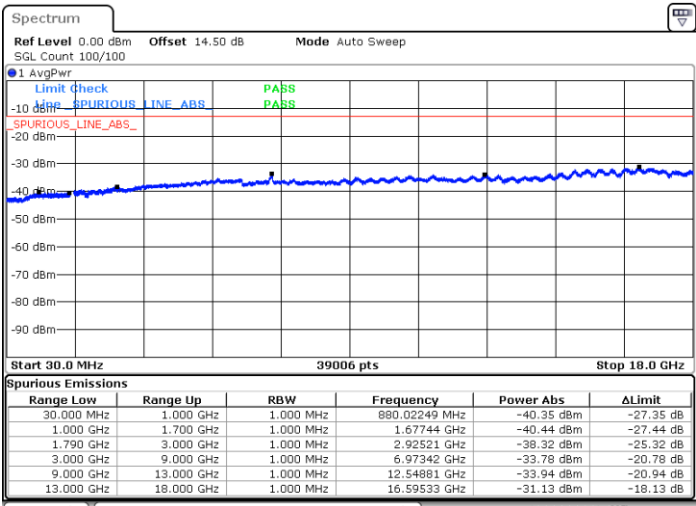
Middle Channel / 64QAM



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Date: 2.JAN.2018 11:31:53

Highest Channel / 64QAM



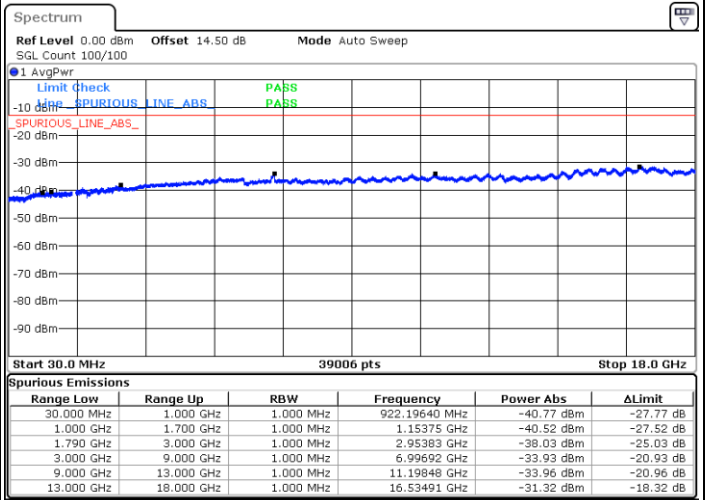
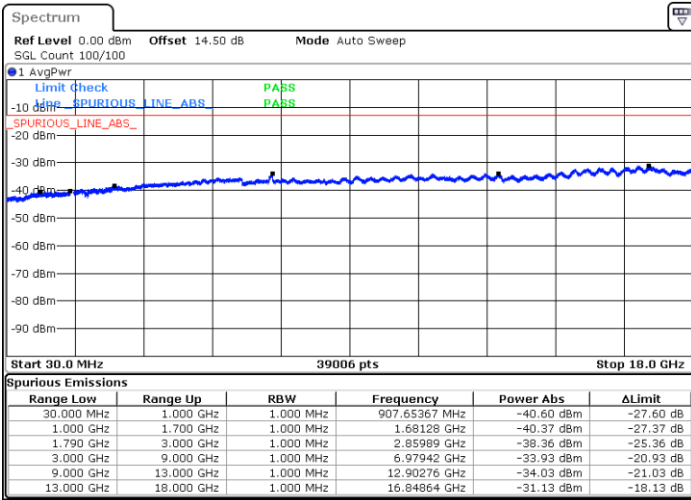
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LTE Band 66 / 3MHz

Lowest Channel / 64QAM

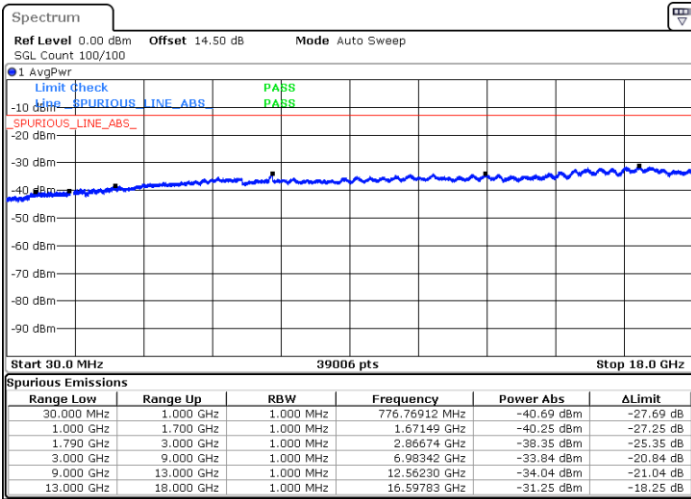
Middle Channel / 64QAM



Date: 2.JAN.2018 13:56:38

Date: 2.JAN.2018 14:13:20

Highest Channel / 64QAM



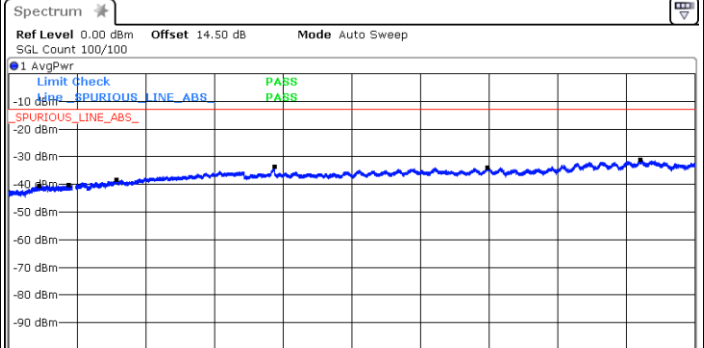
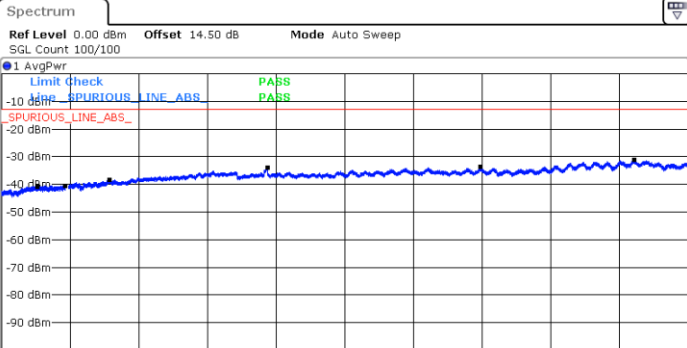
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LTE Band 66 / 5MHz

Lowest Channel / 64QAM

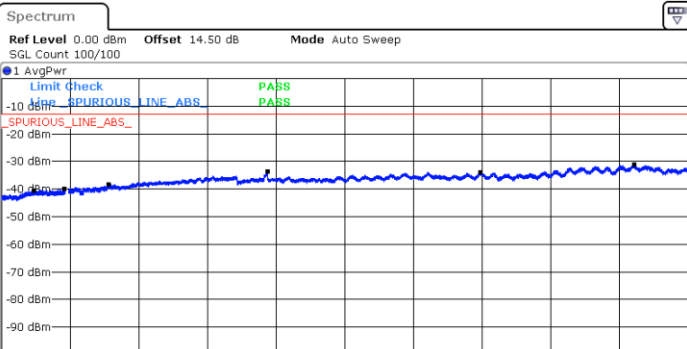
Middle Channel / 64QAM



| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 970.67216 MHz | -40.73 dBm | -27.73 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.69423 GHz   | -40.52 dBm | -27.52 dB |
| 1.790 GHz  | 3.000 GHz  | 1.000 MHz | 2.86029 GHz   | -38.26 dBm | -25.26 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99392 GHz   | -33.88 dBm | -20.88 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.56780 GHz  | -33.77 dBm | -20.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.59533 GHz  | -31.25 dBm | -18.25 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 837.36382 MHz | -40.62 dBm | -27.62 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.60467 GHz   | -40.20 dBm | -27.20 dB |
| 1.790 GHz  | 3.000 GHz  | 1.000 MHz | 2.85182 GHz   | -38.31 dBm | -25.31 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99192 GHz   | -33.78 dBm | -20.78 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.56130 GHz  | -33.99 dBm | -20.99 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57408 GHz  | -31.00 dBm | -18.00 dB |

Highest Channel / 64QAM



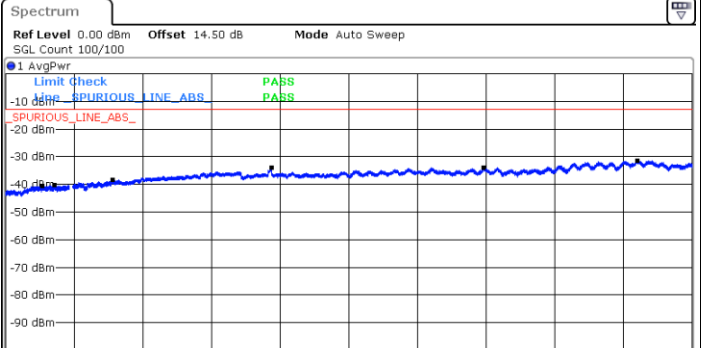
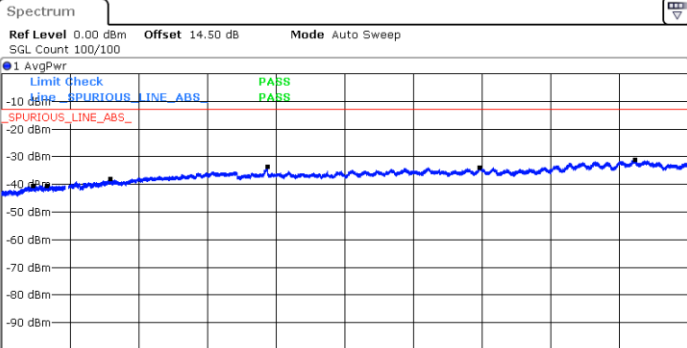
| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 869.35782 MHz | -40.69 dBm | -27.69 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.67569 GHz   | -39.85 dBm | -26.85 dB |
| 1.790 GHz  | 3.000 GHz  | 1.000 MHz | 2.82441 GHz   | -38.35 dBm | -25.35 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.99042 GHz   | -33.77 dBm | -20.77 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.56230 GHz  | -33.90 dBm | -20.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58574 GHz  | -31.27 dBm | -18.27 dB |



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

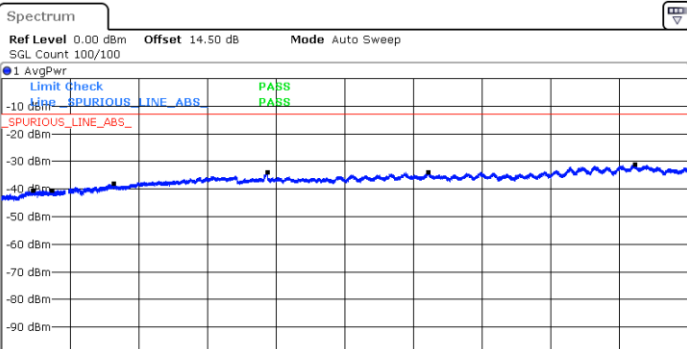
Middle Channel / 64QAM



| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 846.08946 MHz | -40.57 dBm | -27.57 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.21847 GHz   | -40.42 dBm | -27.42 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.86957 GHz   | -37.97 dBm | -24.97 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.98492 GHz   | -33.75 dBm | -20.75 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.55031 GHz  | -33.96 dBm | -20.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60282 GHz  | -31.12 dBm | -18.12 dB |

| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 987.15392 MHz | -40.70 dBm | -27.70 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.30242 GHz   | -40.17 dBm | -27.17 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.83731 GHz   | -38.43 dBm | -25.43 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.98842 GHz   | -33.90 dBm | -20.90 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 12.54881 GHz  | -33.94 dBm | -20.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57783 GHz  | -31.32 dBm | -18.32 dB |

Highest Channel / 64QAM



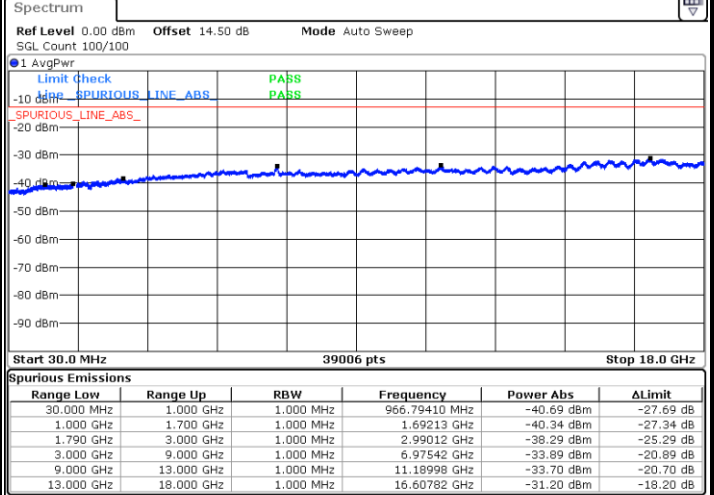
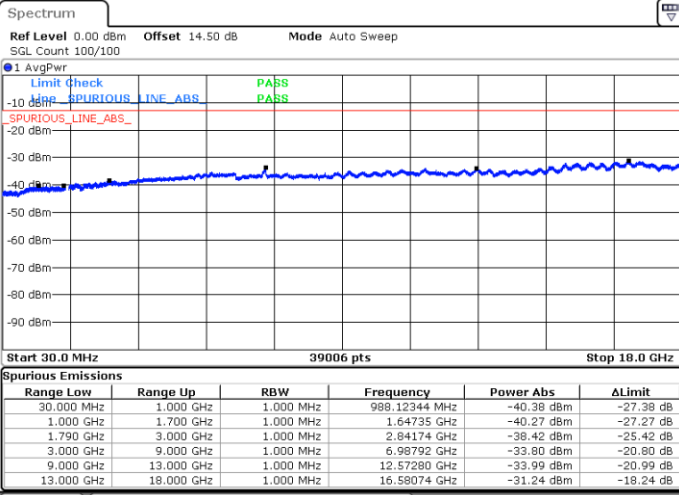
| Range Low  | Range Up   | RBW       | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-----------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 1.000 MHz | 851.90655 MHz | -40.62 dBm | -27.62 dB |
| 1.000 GHz  | 1.700 GHz  | 1.000 MHz | 1.33846 GHz   | -40.43 dBm | -27.43 dB |
| 1.700 GHz  | 3.000 GHz  | 1.000 MHz | 2.97359 GHz   | -38.06 dBm | -25.06 dB |
| 3.000 GHz  | 9.000 GHz  | 1.000 MHz | 6.98492 GHz   | -33.82 dBm | -20.82 dB |
| 9.000 GHz  | 13.000 GHz | 1.000 MHz | 11.20247 GHz  | -33.93 dBm | -20.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60199 GHz  | -31.27 dBm | -18.27 dB |



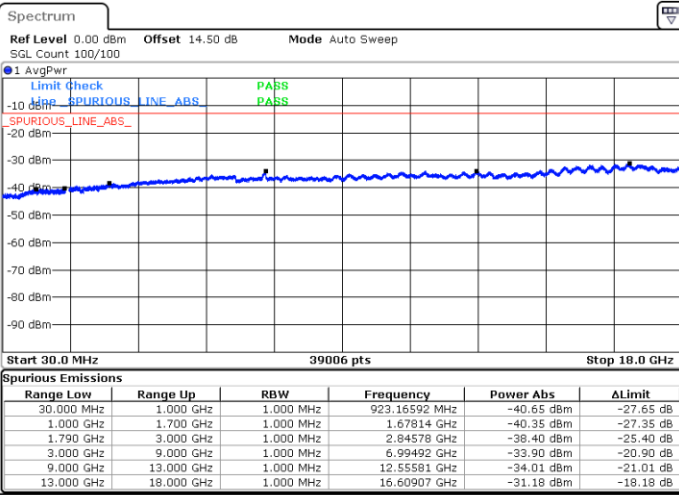
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

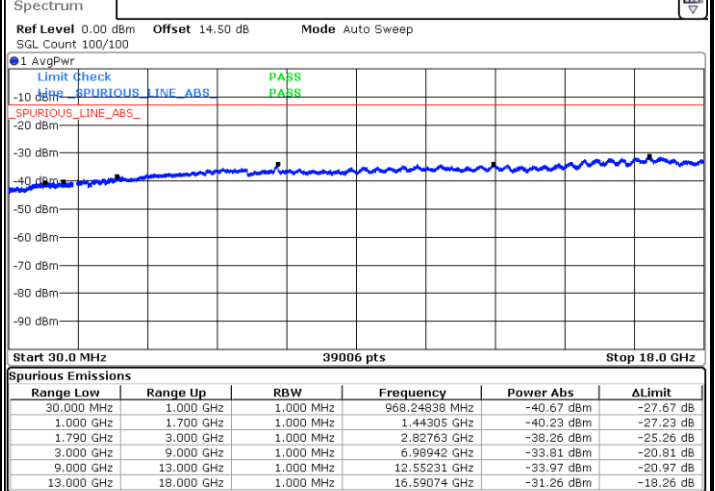
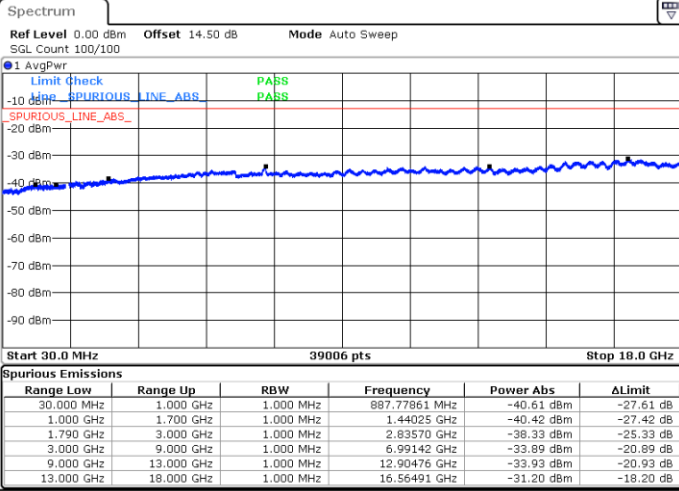




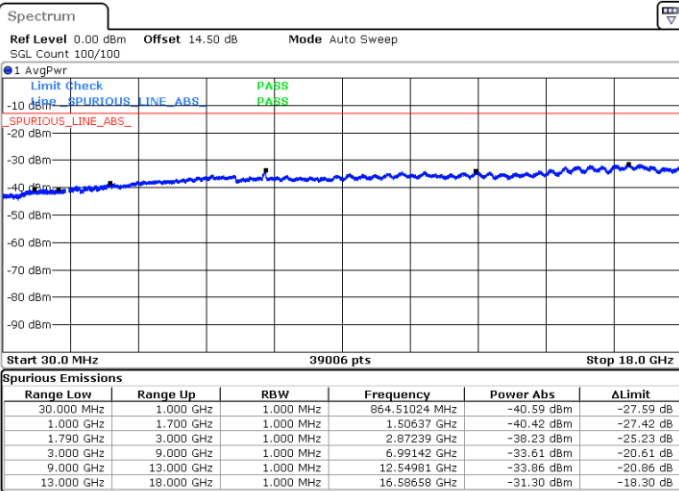
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM





Frequency Stability

| Test Conditions  |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0011                              | PASS    |
| 40               | Normal Voltage    | 0.0007                              |         |
| 30               | Normal Voltage    | 0.0015                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0006                              |         |
| 0                | Normal Voltage    | 0.0007                              |         |
| -10              | Normal Voltage    | 0.0004                              |         |
| -20              | Normal Voltage    | 0.0019                              |         |
| -30              | Normal Voltage    | 0.0010                              |         |
| 20               | Maximum Voltage   | 0.0013                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0013                              |         |

Note:

1. Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of EIRP and Radiated Test

### EIRP

<For Up Antenna>

| LTE Band 66 / 1.4MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 0      | 23.08       | 0.2032        | 17.30     | 0.0537  |
| Middle  |           | 1    | 0      | 22.98       | 0.1986        | 17.20     | 0.0525  |
| Highest   |           | 1    | 0      | 22.97       | 0.1982        | 17.19     | 0.0524  |
| Lowest  | 16QAM     | 1    | 3      | 22.45       | 0.1758        | 16.67     | 0.0465  |
| Middle  |           | 1    | 3      | 22.00       | 0.1585        | 16.22     | 0.0419  |
| Highest   |           | 1    | 3      | 22.48       | 0.1770        | 16.70     | 0.0468  |
| Lowest  | 64QAM     | 3    | 3      | 21.16       | 0.1306        | 15.38     | 0.0345  |
| Middle  |           | 3    | 3      | 21.47       | 0.1403        | 15.69     | 0.0371  |
| Highest   |           | 3    | 3      | 21.32       | 0.1355        | 15.54     | 0.0358  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 3MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 14     | 22.92       | 0.1959        | 17.14     | 0.0518  |
| Middle  |           | 1    | 14     | 22.82       | 0.1914        | 17.04     | 0.0506  |
| Highest   |           | 1    | 14     | 22.84       | 0.1923        | 17.06     | 0.0508  |
| Lowest  | 16QAM     | 1    | 8      | 22.30       | 0.1698        | 16.52     | 0.0449  |
| Middle  |           | 1    | 8      | 22.27       | 0.1687        | 16.49     | 0.0446  |
| Highest   |           | 1    | 8      | 22.14       | 0.1637        | 16.36     | 0.0433  |
| Lowest  | 64QAM     | 1    | 14     | 21.27       | 0.1340        | 15.49     | 0.0354  |
| Middle  |           | 1    | 14     | 21.24       | 0.1330        | 15.46     | 0.0352  |
| Highest   |           | 1    | 14     | 21.01       | 0.1262        | 15.23     | 0.0333  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 5MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 0      | 22.93       | 0.1963        | 17.15     | 0.0519  |
| Middle  |           | 1    | 0      | 23.04       | 0.2014        | 17.26     | 0.0532  |
| Highest   |           | 1    | 0      | 22.92       | 0.1959        | 17.14     | 0.0518  |
| Lowest  | 16QAM     | 1    | 24     | 21.97       | 0.1574        | 16.19     | 0.0416  |
| Middle  |           | 1    | 24     | 22.08       | 0.1614        | 16.30     | 0.0427  |
| Highest   |           | 1    | 24     | 21.89       | 0.1545        | 16.11     | 0.0408  |
| Lowest  | 64QAM     | 1    | 12     | 21.01       | 0.1262        | 15.23     | 0.0333  |
| Middle  |           | 1    | 12     | 21.33       | 0.1358        | 15.55     | 0.0359  |
| Highest   |           | 1    | 12     | 21.47       | 0.1403        | 15.69     | 0.0371  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |





| LTE Band 66 / 10MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.99       | 0.1991        | 17.21     | 0.0526  |
| Middle   |           | 1    | 0      | 23.02       | 0.2004        | 17.24     | 0.0530  |
| Highest  |           | 1    | 0      | 23.03       | 0.2009        | 17.25     | 0.0531  |
| Lowest   | 16QAM     | 1    | 0      | 22.31       | 0.1702        | 16.53     | 0.0450  |
| Middle   |           | 1    | 0      | 22.38       | 0.1730        | 16.60     | 0.0457  |
| Highest  |           | 1    | 0      | 22.21       | 0.1663        | 16.43     | 0.0440  |
| Lowest   | 64QAM     | 1    | 0      | 21.37       | 0.1371        | 15.59     | 0.0362  |
| Middle   |           | 1    | 0      | 21.49       | 0.1409        | 15.71     | 0.0372  |
| Highest  |           | 1    | 0      | 21.01       | 0.1262        | 15.23     | 0.0333  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 15MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 23.01       | 0.2000        | 17.23     | 0.0528  |
| Middle   |           | 1    | 0      | 23.08       | 0.2032        | 17.30     | 0.0537  |
| Highest  |           | 1    | 0      | 23.10       | 0.2042        | 17.32     | 0.0540  |
| Lowest   | 16QAM     | 1    | 74     | 21.78       | 0.1507        | 16.00     | 0.0398  |
| Middle   |           | 1    | 74     | 21.93       | 0.1560        | 16.15     | 0.0412  |
| Highest  |           | 1    | 74     | 21.88       | 0.1542        | 16.10     | 0.0407  |
| Lowest   | 64QAM     | 1    | 0      | 21.23       | 0.1327        | 15.45     | 0.0351  |
| Middle   |           | 1    | 0      | 21.34       | 0.1361        | 15.56     | 0.0360  |
| Highest  |           | 1    | 0      | 21.01       | 0.1262        | 15.23     | 0.0333  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 20MHz (Average) (GT - LC = -5.78 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 23.15       | 0.2065        | 17.37     | 0.0546  |
| Middle   |           | 1    | 0      | 23.11       | 0.2046        | 17.33     | 0.0541  |
| Highest  |           | 1    | 0      | 23.08       | 0.2032        | 17.30     | 0.0537  |
| Lowest   | 16QAM     | 1    | 0      | 22.12       | 0.1629        | 16.34     | 0.0431  |
| Middle   |           | 1    | 0      | 22.33       | 0.1710        | 16.55     | 0.0452  |
| Highest  |           | 1    | 0      | 22.21       | 0.1663        | 16.43     | 0.0440  |
| Lowest   | 64QAM     | 1    | 0      | 21.31       | 0.1352        | 15.53     | 0.0357  |
| Middle   |           | 1    | 0      | 21.29       | 0.1346        | 15.51     | 0.0356  |
| Highest  |           | 1    | 0      | 21.23       | 0.1327        | 15.45     | 0.0351  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |



<For Down Antenna>

| LTE Band 66 / 1.4MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 3    | 0      | 23.26       | 0.2118        | 22.99     | 0.1991  |
| Middle  |           | 3    | 0      | 23.34       | 0.2158        | 23.07     | 0.2028  |
| Highest   |           | 3    | 0      | 23.12       | 0.2051        | 22.85     | 0.1928  |
| Lowest  | 16QAM     | 1    | 3      | 22.33       | 0.1710        | 22.06     | 0.1607  |
| Middle  |           | 1    | 3      | 22.60       | 0.1820        | 22.33     | 0.1710  |
| Highest   |           | 1    | 3      | 22.54       | 0.1795        | 22.27     | 0.1687  |
| Lowest  | 64QAM     | 3    | 1      | 21.95       | 0.1567        | 21.68     | 0.1472  |
| Middle  |           | 3    | 1      | 21.98       | 0.1578        | 21.71     | 0.1483  |
| Highest   |           | 3    | 1      | 21.91       | 0.1552        | 21.64     | 0.1459  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 3MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 14     | 23.39       | 0.2183        | 23.12     | 0.2051  |
| Middle  |           | 1    | 14     | 23.30       | 0.2138        | 23.03     | 0.2009  |
| Highest   |           | 1    | 14     | 23.16       | 0.2070        | 22.89     | 0.1945  |
| Lowest  | 16QAM     | 1    | 0      | 22.39       | 0.1734        | 22.12     | 0.1629  |
| Middle  |           | 1    | 0      | 22.81       | 0.1910        | 22.54     | 0.1795  |
| Highest   |           | 1    | 0      | 22.76       | 0.1888        | 22.49     | 0.1774  |
| Lowest  | 64QAM     | 1    | 0      | 21.33       | 0.1358        | 21.06     | 0.1276  |
| Middle  |           | 1    | 0      | 21.50       | 0.1413        | 21.23     | 0.1327  |
| Highest   |           | 1    | 0      | 21.36       | 0.1368        | 21.09     | 0.1285  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 5MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 12     | 23.10       | 0.2042        | 22.83     | 0.1919  |
| Middle  |           | 1    | 12     | 23.25       | 0.2113        | 22.98     | 0.1986  |
| Highest   |           | 1    | 12     | 23.33       | 0.2153        | 23.06     | 0.2023  |
| Lowest  | 16QAM     | 1    | 0      | 22.53       | 0.1791        | 22.26     | 0.1683  |
| Middle  |           | 1    | 0      | 22.66       | 0.1845        | 22.39     | 0.1734  |
| Highest   |           | 1    | 0      | 22.26       | 0.1683        | 21.99     | 0.1581  |
| Lowest  | 64QAM     | 1    | 12     | 21.72       | 0.1486        | 21.45     | 0.1396  |
| Middle  |           | 1    | 12     | 21.65       | 0.1462        | 21.38     | 0.1374  |
| Highest   |           | 1    | 12     | 21.44       | 0.1393        | 21.17     | 0.1309  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 66 / 10MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 49     | 23.21       | 0.2094        | 22.94     | 0.1968  |
| Middle   |           | 1    | 49     | 23.28       | 0.2128        | 23.01     | 0.2000  |
| Highest  |           | 1    | 49     | 22.94       | 0.1968        | 22.67     | 0.1849  |
| Lowest   | 16QAM     | 1    | 25     | 22.69       | 0.1858        | 22.42     | 0.1746  |
| Middle   |           | 1    | 25     | 22.58       | 0.1811        | 22.31     | 0.1702  |
| Highest  |           | 1    | 25     | 22.33       | 0.1710        | 22.06     | 0.1607  |
| Lowest   | 64QAM     | 1    | 49     | 21.52       | 0.1419        | 21.25     | 0.1334  |
| Middle   |           | 1    | 49     | 21.28       | 0.1343        | 21.01     | 0.1262  |
| Highest  |           | 1    | 49     | 21.21       | 0.1321        | 20.94     | 0.1242  |
| Limit  | EIRP < 1W |      | Result |             | PASS          |           |         |

| LTE Band 66 / 15MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 23.33       | 0.2153        | 23.06     | 0.2023  |
| Middle   |           | 1    | 0      | 23.29       | 0.2133        | 23.02     | 0.2004  |
| Highest  |           | 1    | 0      | 23.32       | 0.2148        | 23.05     | 0.2018  |
| Lowest   | 16QAM     | 1    | 0      | 22.40       | 0.1738        | 22.13     | 0.1633  |
| Middle   |           | 1    | 0      | 22.56       | 0.1803        | 22.29     | 0.1694  |
| Highest  |           | 1    | 0      | 22.62       | 0.1828        | 22.35     | 0.1718  |
| Lowest   | 64QAM     | 1    | 74     | 21.73       | 0.1489        | 21.46     | 0.1400  |
| Middle   |           | 1    | 74     | 21.68       | 0.1472        | 21.41     | 0.1384  |
| Highest  |           | 1    | 74     | 21.52       | 0.1419        | 21.25     | 0.1334  |
| Limit  | EIRP < 1W |      | Result |             | PASS          |           |         |

| LTE Band 66 / 20MHz (Average) (GT - LC = -0.27 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 23.30       | 0.2138        | 23.03     | 0.2009  |
| Middle   |           | 1    | 0      | 23.45       | 0.2213        | 23.18     | 0.2080  |
| Highest  |           | 1    | 0      | 23.43       | 0.2203        | 23.16     | 0.2070  |
| Lowest   | 16QAM     | 1    | 0      | 22.23       | 0.1671        | 21.96     | 0.1570  |
| Middle   |           | 1    | 0      | 22.47       | 0.1766        | 22.20     | 0.1660  |
| Highest  |           | 1    | 0      | 22.18       | 0.1652        | 21.91     | 0.1552  |
| Lowest   | 64QAM     | 1    | 99     | 21.64       | 0.1459        | 21.37     | 0.1371  |
| Middle   |           | 1    | 99     | 21.71       | 0.1483        | 21.44     | 0.1393  |
| Highest  |           | 1    | 99     | 21.66       | 0.1466        | 21.39     | 0.1377  |
| Limit  | EIRP < 1W |      | Result |             | PASS          |           |         |



Radiated Spurious Emission

<Up Antenna>

LTE Band 66

| LTE Band 66 / 1.4MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                      | 3420.14           | -59.75       | -13           | -46.75            | -79.08            | -67.98             | 4.35                 | 12.58                 | H                  |
|                             | 5130.21           | -57.42       | -13           | -44.42            | -81.58            | -65.18             | 4.92                 | 12.68                 | H                  |
|                             | 6840.28           | -57.82       | -13           | -44.82            | -81.73            | -63.20             | 6.3                  | 11.68                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3420.14           | -62.62       | -13           | -49.62            | -78.7             | -70.85             | 4.35                 | 12.58                 | V                  |
|                             | 5130.21           | -62.08       | -13           | -49.08            | -81.59            | -69.84             | 4.92                 | 12.68                 | V                  |
|                             | 6840.28           | -57.52       | -13           | -44.52            | -81.43            | -62.90             | 6.3                  | 11.68                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                      | 3488.74           | -59.76       | -13           | -46.76            | -79.09            | -67.99             | 4.37                 | 12.60                 | H                  |
|                             | 5233.11           | -57.66       | -13           | -44.66            | -81.82            | -65.42             | 4.94                 | 12.70                 | H                  |
|                             | 6977.48           | -58.14       | -13           | -45.14            | -82.05            | -63.52             | 6.32                 | 11.70                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3488.74           | -61.85       | -13           | -48.85            | -77.93            | -70.08             | 4.37                 | 12.60                 | V                  |
|                             | 5233.11           | -61.93       | -13           | -48.93            | -81.44            | -69.69             | 4.94                 | 12.70                 | V                  |
|                             | 6977.48           | -57.83       | -13           | -44.83            | -81.74            | -63.21             | 6.32                 | 11.70                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                     | 3557.34           | -59.89       | -13           | -46.89            | -79.22            | -68.12             | 4.39                 | 12.62                 | H                  |
|                             | 5336.01           | -57.32       | -13           | -44.32            | -81.48            | -65.08             | 4.96                 | 12.72                 | H                  |
|                             | 7114.68           | -58.01       | -13           | -45.01            | -81.92            | -63.39             | 6.34                 | 11.72                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3557.34           | -61.75       | -13           | -48.75            | -77.83            | -69.98             | 4.39                 | 12.62                 | V                  |
|                             | 5336.01           | -61.98       | -13           | -48.98            | -81.49            | -69.74             | 4.96                 | 12.72                 | V                  |
|                             | 7114.68           | -57.62       | -13           | -44.62            | -81.53            | -63.00             | 6.34                 | 11.72                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 3MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3420.3            | -59.39       | -13           | -46.39            | -78.72            | -67.62             | 4.35                 | 12.58                 | H                  |
|                           | 5130.45           | -57.31       | -13           | -44.31            | -81.47            | -65.07             | 4.92                 | 12.68                 | H                  |
|                           | 6840.6            | -57.33       | -13           | -44.33            | -81.24            | -62.71             | 6.3                  | 11.68                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3420.3            | -61.85       | -13           | -48.85            | -77.93            | -70.08             | 4.35                 | 12.58                 | V                  |
|                           | 5130.45           | -61.99       | -13           | -48.99            | -81.5             | -69.75             | 4.92                 | 12.68                 | V                  |
|                           | 6840.6            | -57.62       | -13           | -44.62            | -81.53            | -63.00             | 6.3                  | 11.68                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3487.3            | -60.01       | -13           | -47.01            | -79.34            | -68.24             | 4.37                 | 12.60                 | H                  |
|                           | 5230.95           | -57.24       | -13           | -44.24            | -81.40            | -65.00             | 4.94                 | 12.70                 | H                  |
|                           | 6974.6            | -58.12       | -13           | -45.12            | -82.03            | -63.50             | 6.32                 | 11.70                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3487.3            | -62.11       | -13           | -49.11            | -78.19            | -70.34             | 4.37                 | 12.60                 | V                  |
|                           | 5230.95           | -61.88       | -13           | -48.88            | -81.39            | -69.64             | 4.94                 | 12.70                 | V                  |
|                           | 6974.6            | -58.14       | -13           | -45.14            | -82.05            | -63.52             | 6.32                 | 11.70                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                   | 3554.3            | -59.83       | -13           | -46.83            | -79.16            | -68.06             | 4.39                 | 12.62                 | H                  |
|                           | 5331.45           | -57.38       | -13           | -44.38            | -81.54            | -65.14             | 4.96                 | 12.72                 | H                  |
|                           | 7108.6            | -57.79       | -13           | -44.79            | -81.70            | -63.17             | 6.34                 | 11.72                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3554.3            | -62.17       | -13           | -49.17            | -78.25            | -70.40             | 4.39                 | 12.62                 | V                  |
|                           | 5331.45           | -61.84       | -13           | -48.84            | -81.35            | -69.60             | 4.96                 | 12.72                 | V                  |
|                           | 7108.6            | -57.49       | -13           | -44.49            | -81.4             | -62.87             | 6.34                 | 11.72                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 5MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3420.5            | -59.38       | -13           | -46.38            | -78.71            | -67.61             | 4.35                 | 12.58                 | H                  |
|                           | 5130.75           | -57.45       | -13           | -44.45            | -81.61            | -65.21             | 4.92                 | 12.68                 | H                  |
|                           | 6841              | -57.31       | -13           | -44.31            | -81.22            | -62.69             | 6.3                  | 11.68                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3420.5            | -61.59       | -13           | -48.59            | -77.67            | -69.82             | 4.35                 | 12.58                 | V                  |
|                           | 5130.75           | -61.85       | -13           | -48.85            | -81.36            | -69.61             | 4.92                 | 12.68                 | V                  |
|                           | 6841              | -57.39       | -13           | -44.39            | -81.3             | -62.77             | 6.3                  | 11.68                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3485.5            | -60.01       | -13           | -47.01            | -79.34            | -68.24             | 4.37                 | 12.60                 | H                  |
|                           | 5228.25           | -57.28       | -13           | -44.28            | -81.44            | -65.04             | 4.94                 | 12.70                 | H                  |
|                           | 6971              | -58.32       | -13           | -45.32            | -82.23            | -63.70             | 6.32                 | 11.70                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3485.5            | -62.69       | -13           | -49.69            | -78.77            | -70.92             | 4.37                 | 12.60                 | V                  |
|                           | 5228.25           | -62.13       | -13           | -49.13            | -81.64            | -69.89             | 4.94                 | 12.70                 | V                  |
|                           | 6971              | -57.29       | -13           | -44.29            | -81.2             | -62.67             | 6.32                 | 11.70                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                   | 3550.5            | -59.70       | -13           | -46.70            | -79.03            | -67.93             | 4.39                 | 12.62                 | H                  |
|                           | 5325.75           | -57.46       | -13           | -44.46            | -81.62            | -65.22             | 4.96                 | 12.72                 | H                  |
|                           | 7101              | -58.31       | -13           | -45.31            | -82.22            | -63.69             | 6.34                 | 11.72                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3550.5            | -63.23       | -13           | -50.23            | -79.31            | -71.46             | 4.39                 | 12.62                 | V                  |
|                           | 5325.75           | -61.98       | -13           | -48.98            | -81.49            | -69.74             | 4.96                 | 12.72                 | V                  |
|                           | 7101              | -57.86       | -13           | -44.86            | -81.77            | -63.24             | 6.34                 | 11.72                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3421              | -59.97       | -13           | -46.97            | -79.30            | -68.20             | 4.35                 | 12.58                 | H                  |
|                            | 5131.5            | -57.52       | -13           | -44.52            | -81.68            | -65.28             | 4.92                 | 12.68                 | H                  |
|                            | 6842              | -57.59       | -13           | -44.59            | -81.50            | -62.97             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3421              | -62.62       | -13           | -49.62            | -78.7             | -70.85             | 4.35                 | 12.58                 | V                  |
|                            | 5131.5            | -62.28       | -13           | -49.28            | -81.79            | -70.04             | 4.92                 | 12.68                 | V                  |
|                            | 6842              | -57.80       | -13           | -44.80            | -81.71            | -63.18             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3481              | -60.23       | -13           | -47.23            | -79.56            | -68.46             | 4.37                 | 12.60                 | H                  |
|                            | 5221.5            | -57.49       | -13           | -44.49            | -81.65            | -65.25             | 4.94                 | 12.70                 | H                  |
|                            | 6962              | -58.01       | -13           | -45.01            | -81.92            | -63.39             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3481              | -62.80       | -13           | -49.80            | -78.88            | -71.03             | 4.37                 | 12.60                 | V                  |
|                            | 5221.5            | -62.18       | -13           | -49.18            | -81.69            | -69.94             | 4.94                 | 12.70                 | V                  |
|                            | 6962              | -58.34       | -13           | -45.34            | -82.25            | -63.72             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3541              | -59.85       | -13           | -46.85            | -79.18            | -68.08             | 4.39                 | 12.62                 | H                  |
|                            | 5311.5            | -57.36       | -13           | -44.36            | -81.52            | -65.12             | 4.96                 | 12.72                 | H                  |
|                            | 7082              | -57.61       | -13           | -44.61            | -81.52            | -62.99             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3541              | -62.94       | -13           | -49.94            | -79.02            | -71.17             | 4.39                 | 12.62                 | V                  |
|                            | 5311.5            | -62.01       | -13           | -49.01            | -81.52            | -69.77             | 4.96                 | 12.72                 | V                  |
|                            | 7082              | -58.16       | -13           | -45.16            | -82.07            | -63.54             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3421.5            | -59.81       | -13           | -46.81            | -79.14            | -68.04             | 4.35                 | 12.58                 | H                  |
|                            | 5132.25           | -57.29       | -13           | -44.29            | -81.45            | -65.05             | 4.92                 | 12.68                 | H                  |
|                            | 6843              | -57.86       | -13           | -44.86            | -81.77            | -63.24             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3421.5            | -62.36       | -13           | -49.36            | -78.44            | -70.59             | 4.35                 | 12.58                 | V                  |
|                            | 5132.25           | -62.27       | -13           | -49.27            | -81.78            | -70.03             | 4.92                 | 12.68                 | V                  |
|                            | 6843              | -57.69       | -13           | -44.69            | -81.6             | -63.07             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3476.5            | -60.00       | -13           | -47.00            | -79.33            | -68.23             | 4.37                 | 12.60                 | H                  |
|                            | 5214.75           | -57.78       | -13           | -44.78            | -81.94            | -65.54             | 4.94                 | 12.70                 | H                  |
|                            | 6953              | -58.00       | -13           | -45.00            | -81.91            | -63.38             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3476.5            | -63.26       | -13           | -50.26            | -79.34            | -71.49             | 4.37                 | 12.60                 | V                  |
|                            | 5214.75           | -61.94       | -13           | -48.94            | -81.45            | -69.70             | 4.94                 | 12.70                 | V                  |
|                            | 6953              | -57.90       | -13           | -44.90            | -81.81            | -63.28             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3531.5            | -60.16       | -13           | -47.16            | -79.49            | -68.39             | 4.39                 | 12.62                 | H                  |
|                            | 5297.25           | -57.35       | -13           | -44.35            | -81.51            | -65.11             | 4.96                 | 12.72                 | H                  |
|                            | 7063              | -57.93       | -13           | -44.93            | -81.84            | -63.31             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3531.5            | -63.28       | -13           | -50.28            | -79.36            | -71.51             | 4.39                 | 12.62                 | V                  |
|                            | 5297.25           | -61.99       | -13           | -48.99            | -81.5             | -69.75             | 4.96                 | 12.72                 | V                  |
|                            | 7063              | -57.97       | -13           | -44.97            | -81.88            | -63.35             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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





| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3422              | -60.13       | -13           | -47.13            | -79.46            | -68.36             | 4.35                 | 12.58                 | H                  |
|                            | 5133              | -57.34       | -13           | -44.34            | -81.50            | -65.10             | 4.92                 | 12.68                 | H                  |
|                            | 6844              | -57.85       | -13           | -44.85            | -81.76            | -63.23             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3422              | -61.77       | -13           | -48.77            | -77.85            | -70.00             | 4.35                 | 12.58                 | V                  |
|                            | 5133              | -62.03       | -13           | -49.03            | -81.54            | -69.79             | 4.92                 | 12.68                 | V                  |
|                            | 6844              | -57.75       | -13           | -44.75            | -81.66            | -63.13             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3472              | -60.19       | -13           | -47.19            | -79.52            | -68.42             | 4.37                 | 12.60                 | H                  |
|                            | 5208              | -57.83       | -13           | -44.83            | -81.99            | -65.59             | 4.94                 | 12.70                 | H                  |
|                            | 6944              | -57.70       | -13           | -44.70            | -81.61            | -63.08             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3472              | -63.11       | -13           | -50.11            | -79.19            | -71.34             | 4.37                 | 12.60                 | V                  |
|                            | 5208              | -62.50       | -13           | -49.50            | -82.01            | -70.26             | 4.94                 | 12.70                 | V                  |
|                            | 6944              | -57.96       | -13           | -44.96            | -81.87            | -63.34             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3522              | -59.96       | -13           | -46.96            | -79.29            | -68.19             | 4.39                 | 12.62                 | H                  |
|                            | 5283              | -57.47       | -13           | -44.47            | -81.63            | -65.23             | 4.96                 | 12.72                 | H                  |
|                            | 7044              | -57.80       | -13           | -44.80            | -81.71            | -63.18             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3522              | -62.42       | -13           | -49.42            | -78.5             | -70.65             | 4.39                 | 12.62                 | V                  |
|                            | 5283              | -62.46       | -13           | -49.46            | -81.97            | -70.22             | 4.96                 | 12.72                 | V                  |
|                            | 7044              | -58.20       | -13           | -45.20            | -82.11            | -63.58             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



<Down Antenna>

**LTE Band 66**

| LTE Band 66 / 1.4MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                      | 3420.14           | -58.71       | -13           | -45.71            | -78.04            | -66.94             | 4.35                 | 12.58                 | H                  |
|                             | 5130.21           | -57.73       | -13           | -44.73            | -81.89            | -65.49             | 4.92                 | 12.68                 | H                  |
|                             | 6840.28           | -57.46       | -13           | -44.46            | -81.37            | -62.84             | 6.3                  | 11.68                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3420.14           | -60.33       | -13           | -47.33            | -76.41            | -68.56             | 4.35                 | 12.58                 | V                  |
|                             | 5130.21           | -62.16       | -13           | -49.16            | -81.67            | -69.92             | 4.92                 | 12.68                 | V                  |
|                             | 6840.28           | -57.77       | -13           | -44.77            | -81.68            | -63.15             | 6.3                  | 11.68                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                      | 3488.74           | -59.96       | -13           | -46.96            | -79.29            | -68.19             | 4.37                 | 12.60                 | H                  |
|                             | 5233.11           | -57.39       | -13           | -44.39            | -81.55            | -65.15             | 4.94                 | 12.70                 | H                  |
|                             | 6977.48           | -58.08       | -13           | -45.08            | -81.99            | -63.46             | 6.32                 | 11.70                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3488.74           | -63.20       | -13           | -50.20            | -79.28            | -71.43             | 4.37                 | 12.60                 | V                  |
|                             | 5233.11           | -61.86       | -13           | -48.86            | -81.37            | -69.62             | 4.94                 | 12.70                 | V                  |
|                             | 6977.48           | -58.11       | -13           | -45.11            | -82.02            | -63.49             | 6.32                 | 11.70                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                     | 3557.34           | -59.61       | -13           | -46.61            | -78.94            | -67.84             | 4.39                 | 12.62                 | H                  |
|                             | 5336.01           | -57.71       | -13           | -44.71            | -81.87            | -65.47             | 4.96                 | 12.72                 | H                  |
|                             | 7114.68           | -58.05       | -13           | -45.05            | -81.96            | -63.43             | 6.34                 | 11.72                 | H                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                             | 3557.34           | -61.15       | -13           | -48.15            | -77.23            | -69.38             | 4.39                 | 12.62                 | V                  |
|                             | 5336.01           | -62.13       | -13           | -49.13            | -81.64            | -69.89             | 4.96                 | 12.72                 | V                  |
|                             | 7114.68           | -58.26       | -13           | -45.26            | -82.17            | -63.64             | 6.34                 | 11.72                 | V                  |
|                             |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 3MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3420.3            | -60.14       | -13           | -47.14            | -79.47            | -68.37             | 4.35                 | 12.58                 | H                  |
|                           | 5130.45           | -57.53       | -13           | -44.53            | -81.69            | -65.29             | 4.92                 | 12.68                 | H                  |
|                           | 6840.6            | -57.48       | -13           | -44.48            | -81.39            | -62.86             | 6.3                  | 11.68                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3420.3            | -60.48       | -13           | -47.48            | -76.56            | -68.71             | 4.35                 | 12.58                 | V                  |
|                           | 5130.45           | -61.96       | -13           | -48.96            | -81.47            | -69.72             | 4.92                 | 12.68                 | V                  |
|                           | 6840.6            | -57.84       | -13           | -44.84            | -81.75            | -63.22             | 6.3                  | 11.68                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3487.3            | -59.93       | -13           | -46.93            | -79.26            | -68.16             | 4.37                 | 12.60                 | H                  |
|                           | 5230.95           | -57.73       | -13           | -44.73            | -81.89            | -65.49             | 4.94                 | 12.70                 | H                  |
|                           | 6974.6            | -58.41       | -13           | -45.41            | -82.32            | -63.79             | 6.32                 | 11.70                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3487.3            | -63.01       | -13           | -50.01            | -79.09            | -71.24             | 4.37                 | 12.60                 | V                  |
|                           | 5230.95           | -62.40       | -13           | -49.40            | -81.91            | -70.16             | 4.94                 | 12.70                 | V                  |
|                           | 6974.6            | -58.35       | -13           | -45.35            | -82.26            | -63.73             | 6.32                 | 11.70                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                   | 3554.3            | -58.86       | -13           | -45.86            | -78.19            | -67.09             | 4.39                 | 12.62                 | H                  |
|                           | 5331.45           | -57.30       | -13           | -44.30            | -81.46            | -65.06             | 4.96                 | 12.72                 | H                  |
|                           | 7108.6            | -58.22       | -13           | -45.22            | -82.13            | -63.60             | 6.34                 | 11.72                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3554.3            | -62.44       | -13           | -49.44            | -78.52            | -70.67             | 4.39                 | 12.62                 | V                  |
|                           | 5331.45           | -62.14       | -13           | -49.14            | -81.65            | -69.90             | 4.96                 | 12.72                 | V                  |
|                           | 7108.6            | -57.91       | -13           | -44.91            | -81.82            | -63.29             | 6.34                 | 11.72                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 5MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3420.5            | -58.12       | -13           | -45.12            | -77.45            | -66.35             | 4.35                 | 12.58                 | H                  |
|                           | 5130.75           | -57.54       | -13           | -44.54            | -81.70            | -65.30             | 4.92                 | 12.68                 | H                  |
|                           | 6841              | -57.52       | -13           | -44.52            | -81.43            | -62.90             | 6.3                  | 11.68                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3420.5            | -61.60       | -13           | -48.60            | -77.68            | -69.83             | 4.35                 | 12.58                 | V                  |
|                           | 5130.75           | -62.21       | -13           | -49.21            | -81.72            | -69.97             | 4.92                 | 12.68                 | V                  |
|                           | 6841              | -57.68       | -13           | -44.68            | -81.59            | -63.06             | 6.3                  | 11.68                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3485.5            | -59.55       | -13           | -46.55            | -78.88            | -67.78             | 4.37                 | 12.60                 | H                  |
|                           | 5228.25           | -57.15       | -13           | -44.15            | -81.31            | -64.91             | 4.94                 | 12.70                 | H                  |
|                           | 6971              | -57.66       | -13           | -44.66            | -81.57            | -63.04             | 6.32                 | 11.70                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3485.5            | -62.85       | -13           | -49.85            | -78.93            | -71.08             | 4.37                 | 12.60                 | V                  |
|                           | 5228.25           | -61.66       | -13           | -48.66            | -81.17            | -69.42             | 4.94                 | 12.70                 | V                  |
|                           | 6971              | -57.74       | -13           | -44.74            | -81.65            | -63.12             | 6.32                 | 11.70                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                   | 3550.5            | -59.64       | -13           | -46.64            | -78.97            | -67.87             | 4.39                 | 12.62                 | H                  |
|                           | 5325.75           | -57.16       | -13           | -44.16            | -81.32            | -64.92             | 4.96                 | 12.72                 | H                  |
|                           | 7101              | -57.81       | -13           | -44.81            | -81.72            | -63.19             | 6.34                 | 11.72                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3550.5            | -61.71       | -13           | -48.71            | -77.79            | -69.94             | 4.39                 | 12.62                 | V                  |
|                           | 5325.75           | -61.70       | -13           | -48.70            | -81.21            | -69.46             | 4.96                 | 12.72                 | V                  |
|                           | 7101              | -57.76       | -13           | -44.76            | -81.67            | -63.14             | 6.34                 | 11.72                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3421              | -59.58       | -13           | -46.58            | -78.91            | -67.81             | 4.35                 | 12.58                 | H                  |
|                            | 5131.5            | -57.54       | -13           | -44.54            | -81.70            | -65.30             | 4.92                 | 12.68                 | H                  |
|                            | 6842              | -57.60       | -13           | -44.60            | -81.51            | -62.98             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3421              | -61.57       | -13           | -48.57            | -77.65            | -69.80             | 4.35                 | 12.58                 | V                  |
|                            | 5131.5            | -62.21       | -13           | -49.21            | -81.72            | -69.97             | 4.92                 | 12.68                 | V                  |
|                            | 6842              | -57.53       | -13           | -44.53            | -81.44            | -62.91             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3481              | -60.01       | -13           | -47.01            | -79.34            | -68.24             | 4.37                 | 12.60                 | H                  |
|                            | 5221.5            | -57.43       | -13           | -44.43            | -81.59            | -65.19             | 4.94                 | 12.70                 | H                  |
|                            | 6962              | -57.94       | -13           | -44.94            | -81.85            | -63.32             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3481              | -63.43       | -13           | -50.43            | -79.51            | -71.66             | 4.37                 | 12.60                 | V                  |
|                            | 5221.5            | -62.07       | -13           | -49.07            | -81.58            | -69.83             | 4.94                 | 12.70                 | V                  |
|                            | 6962              | -58.01       | -13           | -45.01            | -81.92            | -63.39             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3481              | -60.01       | -13           | -47.01            | -79.34            | -68.24             | 4.39                 | 12.62                 | H                  |
|                            | 5221.5            | -57.43       | -13           | -44.43            | -81.59            | -65.19             | 4.96                 | 12.72                 | H                  |
|                            | 6962              | -57.94       | -13           | -44.94            | -81.85            | -63.32             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3481              | -63.43       | -13           | -50.43            | -79.51            | -71.66             | 4.39                 | 12.62                 | V                  |
|                            | 5221.5            | -62.07       | -13           | -49.07            | -81.58            | -69.83             | 4.96                 | 12.72                 | V                  |
|                            | 6962              | -58.01       | -13           | -45.01            | -81.92            | -63.39             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3421.5            | -60.24       | -13           | -47.24            | -79.57            | -68.47             | 4.35                 | 12.58                 | H                  |
|                            | 5132.25           | -57.18       | -13           | -44.18            | -81.34            | -64.94             | 4.92                 | 12.68                 | H                  |
|                            | 6843              | -57.55       | -13           | -44.55            | -81.46            | -62.93             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3421.5            | -63.18       | -13           | -50.18            | -79.26            | -71.41             | 4.35                 | 12.58                 | V                  |
|                            | 5132.25           | -62.02       | -13           | -49.02            | -81.53            | -69.78             | 4.92                 | 12.68                 | V                  |
|                            | 6843              | -57.22       | -13           | -44.22            | -81.13            | -62.60             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3476.5            | -60.09       | -13           | -47.09            | -79.42            | -68.32             | 4.37                 | 12.60                 | H                  |
|                            | 5214.75           | -57.46       | -13           | -44.46            | -81.62            | -65.22             | 4.94                 | 12.70                 | H                  |
|                            | 6953              | -57.71       | -13           | -44.71            | -81.62            | -63.09             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3476.5            | -63.23       | -13           | -50.23            | -79.31            | -71.46             | 4.37                 | 12.60                 | V                  |
|                            | 5214.75           | -62.27       | -13           | -49.27            | -81.78            | -70.03             | 4.94                 | 12.70                 | V                  |
|                            | 6953              | -57.74       | -13           | -44.74            | -81.65            | -63.12             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3531.5            | -60.10       | -13           | -47.10            | -79.43            | -68.33             | 4.39                 | 12.62                 | H                  |
|                            | 5297.25           | -57.29       | -13           | -44.29            | -81.45            | -65.05             | 4.96                 | 12.72                 | H                  |
|                            | 7063              | -57.79       | -13           | -44.79            | -81.70            | -63.17             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3531.5            | -60.49       | -13           | -47.49            | -76.57            | -68.72             | 4.39                 | 12.62                 | V                  |
|                            | 5297.25           | -62.12       | -13           | -49.12            | -81.63            | -69.88             | 4.96                 | 12.72                 | V                  |
|                            | 7063              | -58.32       | -13           | -45.32            | -82.23            | -63.70             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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



| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                     | 3422              | -57.97       | -13           | -44.97            | -77.30            | -66.20             | 4.35                 | 12.58                 | H                  |
|                            | 5133              | -57.55       | -13           | -44.55            | -81.71            | -65.31             | 4.92                 | 12.68                 | H                  |
|                            | 6844              | -57.27       | -13           | -44.27            | -81.18            | -62.65             | 6.3                  | 11.68                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3422              | -60.14       | -13           | -47.14            | -76.22            | -68.37             | 4.35                 | 12.58                 | V                  |
|                            | 5133              | -62.09       | -13           | -49.09            | -81.6             | -69.85             | 4.92                 | 12.68                 | V                  |
|                            | 6844              | -57.06       | -13           | -44.06            | -80.97            | -62.44             | 6.3                  | 11.68                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3472              | -58.50       | -13           | -45.50            | -77.83            | -66.73             | 4.37                 | 12.60                 | H                  |
|                            | 5208              | -57.45       | -13           | -44.45            | -81.61            | -65.21             | 4.94                 | 12.70                 | H                  |
|                            | 6944              | -57.89       | -13           | -44.89            | -81.80            | -63.27             | 6.32                 | 11.70                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3472              | -61.86       | -13           | -48.86            | -77.94            | -70.09             | 4.37                 | 12.60                 | V                  |
|                            | 5208              | -62.24       | -13           | -49.24            | -81.75            | -70.00             | 4.94                 | 12.70                 | V                  |
|                            | 6944              | -57.92       | -13           | -44.92            | -81.83            | -63.30             | 6.32                 | 11.70                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                    | 3522              | -58.32       | -13           | -45.32            | -77.65            | -66.55             | 4.39                 | 12.62                 | H                  |
|                            | 5283              | -56.88       | -13           | -43.88            | -81.04            | -64.64             | 4.96                 | 12.72                 | H                  |
|                            | 7044              | -57.87       | -13           | -44.87            | -81.78            | -63.25             | 6.34                 | 11.72                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3522              | -63.31       | -13           | -50.31            | -79.39            | -71.54             | 4.39                 | 12.62                 | V                  |
|                            | 5283              | -62.21       | -13           | -49.21            | -81.72            | -69.97             | 4.96                 | 12.72                 | V                  |
|                            | 7044              | -58.03       | -13           | -45.03            | -81.94            | -63.41             | 6.34                 | 11.72                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |

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

—————THE END—————