



# LTE Band 7

## Conducted Output Power(Average power)

| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|--|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                      | 1       | 0         | QPSK   | 22.00  | 22.08  | 22.05   |
| 5                                      | 1       | 12        |        | 22.60  | 22.60  | 22.41   |
| 5                                      | 1       | 24        |        | 21.96  | 21.91  | 22.08   |
| 5                                      | 12      | 0         |        | 21.08  | 21.17  | 21.06   |
| 5                                      | 12      | 6         |        | 21.22  | 21.24  | 21.07   |
| 5                                      | 12      | 11        |        | 21.33  | 21.20  | 21.12   |
| 5                                      | 25      | 0         |        | 21.26  | 21.13  | 21.07   |
| 5                                      | 1       | 0         | 16-QAM | 21.40  | 21.56  | 21.07   |
| 5                                      | 1       | 12        |        | 21.80  | 21.45  | 21.51   |
| 5                                      | 1       | 24        |        | 21.35  | 21.19  | 21.01   |
| 5                                      | 12      | 0         |        | 20.31  | 20.22  | 20.15   |
| 5                                      | 12      | 6         |        | 20.27  | 20.26  | 20.19   |
| 5                                      | 12      | 11        |        | 20.41  | 20.29  | 20.12   |
| 5                                      | 25      | 0         |        | 20.40  | 20.27  | 20.00   |
| 10                                     | 1       | 0         | QPSK   | 22.07  | 22.37  | 22.04   |
| 10                                     | 1       | 24        |        | 22.06  | 22.05  | 21.77   |
| 10                                     | 1       | 49        |        | 22.20  | 21.91  | 22.23   |
| 10                                     | 25      | 0         |        | 21.33  | 21.06  | 21.09   |
| 10                                     | 25      | 12        |        | 21.34  | 21.19  | 21.02   |
| 10                                     | 25      | 24        |        | 21.30  | 21.18  | 21.07   |
| 10                                     | 50      | 0         |        | 21.33  | 21.21  | 21.08   |
| 10                                     | 1       | 0         | 16-QAM | 20.87  | 21.62  | 21.96   |
| 10                                     | 1       | 24        |        | 21.37  | 21.57  | 21.97   |
| 10                                     | 1       | 49        |        | 21.60  | 21.20  | 21.57   |
| 10                                     | 25      | 0         |        | 20.30  | 20.18  | 20.25   |
| 10                                     | 25      | 12        |        | 20.41  | 20.09  | 20.19   |
| 10                                     | 25      | 24        |        | 20.35  | 20.10  | 20.23   |
| 10                                     | 50      | 0         |        | 20.42  | 20.08  | 19.97   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|--|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                     | 1       | 0         | QPSK   | 22.21  | 22.20  | 22.29   |
| 15                                     | 1       | 37        |        | 22.18  | 22.06  | 22.33   |
| 15                                     | 1       | 74        |        | 22.32  | 22.11  | 22.07   |
| 15                                     | 36      | 0         |        | 21.31  | 21.09  | 21.18   |
| 15                                     | 36      | 18        |        | 21.26  | 21.13  | 20.98   |
| 15                                     | 36      | 37        |        | 21.40  | 21.19  | 20.92   |
| 15                                     | 75      | 0         |        | 21.30  | 21.18  | 21.05   |
| 15                                     | 1       | 0         | 16-QAM | 21.49  | 21.39  | 21.87   |
| 15                                     | 1       | 37        |        | 21.35  | 21.54  | 21.76   |
| 15                                     | 1       | 74        |        | 21.43  | 21.45  | 21.43   |
| 15                                     | 36      | 0         |        | 20.32  | 20.19  | 20.16   |
| 15                                     | 36      | 18        |        | 20.32  | 20.13  | 20.09   |
| 15                                     | 36      | 37        |        | 20.43  | 20.15  | 20.10   |
| 15                                     | 75      | 0         |        | 20.18  | 20.17  | 20.06   |
| 20                                     | 1       | 0         | QPSK   | 22.34  | 22.25  | 22.05   |
| 20                                     | 1       | 49        |        | 22.67  | 22.42  | 22.06   |
| 20                                     | 1       | 99        |        | 22.23  | 22.23  | 21.97   |
| 20                                     | 50      | 0         |        | 21.32  | 21.14  | 21.30   |
| 20                                     | 50      | 24        |        | 21.34  | 21.22  | 21.01   |
| 20                                     | 50      | 49        |        | 21.29  | 21.12  | 20.98   |
| 20                                     | 100     | 0         |        | 21.31  | 21.15  | 21.03   |
| 20                                     | 1       | 0         | 16-QAM | 21.32  | 21.10  | 21.83   |
| 20                                     | 1       | 49        |        | 21.03  | 21.13  | 20.83   |
| 20                                     | 1       | 99        |        | 21.06  | 20.90  | 20.91   |
| 20                                     | 50      | 0         |        | 20.23  | 20.24  | 20.16   |
| 20                                     | 50      | 24        |        | 20.22  | 20.04  | 20.03   |
| 20                                     | 50      | 49        |        | 20.20  | 20.08  | 19.96   |
| 20                                     | 100     | 0         |        | 20.34  | 20.17  | 20.10   |



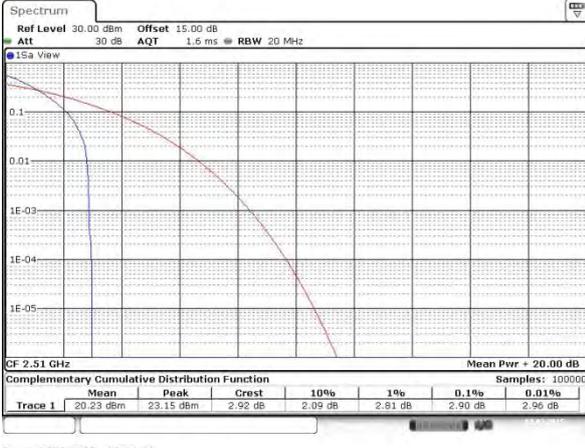
**Peak-to-Average Ratio**

| Mode       | LTE Band 7 / 20MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | RB Size | Result      |
| Lowest CH  | 2.90               | 4.17    | 3.83  | 5.16    | <b>PASS</b> |
| Middle CH  | 4.00               | 4.43    | 4.72  | 5.36    |             |
| Highest CH | 3.62               | 4.55    | 4.20  | 5.36    |             |



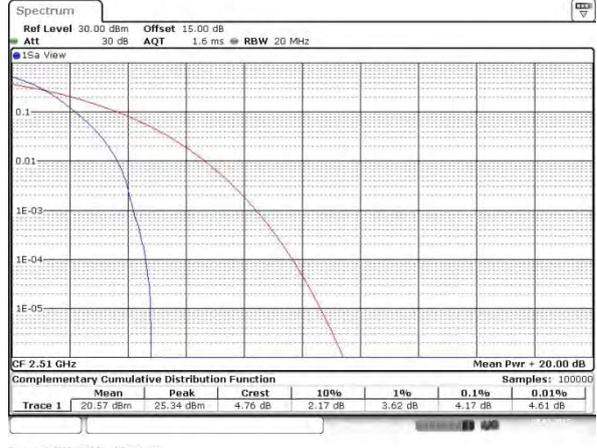
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



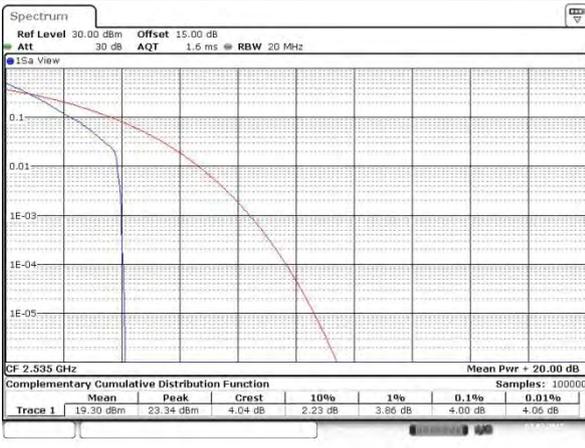
Date: 2,MAR,2015 16:24:09

Lowest Channel / Full RB



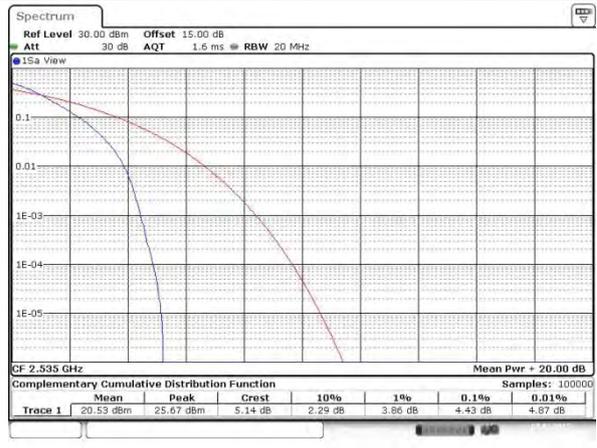
Date: 2,MAR,2015 16:24:20

Middle Channel / 1RB



Date: 2,MAR,2015 16:24:20

Middle Channel / Full RB



Date: 2,MAR,2015 16:24:38

Highest Channel / 1RB



Date: 2,MAR,2015 16:24:49

Highest Channel / Full RB



Date: 2,MAR,2015 16:25:00



LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



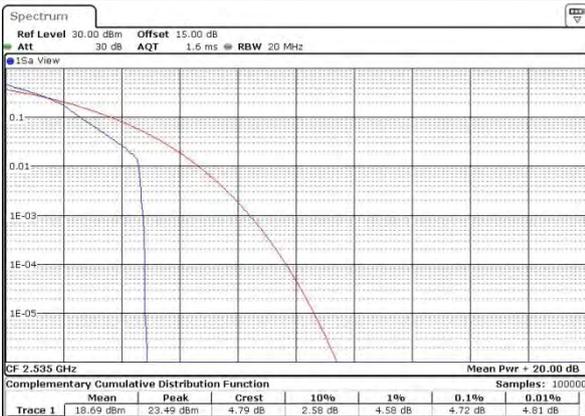
Date: 2,MAR,2015 16:22:22

Lowest Channel / Full RB



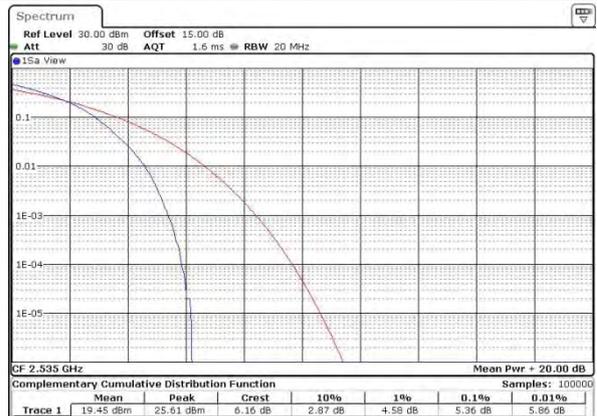
Date: 2,MAR,2015 16:22:33

Middle Channel / 1RB



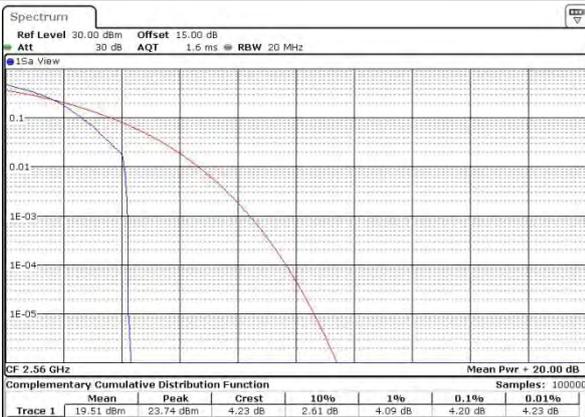
Date: 2,MAR,2015 16:22:44

Middle Channel / Full RB



Date: 2,MAR,2015 16:22:53

Highest Channel / 1RB



Date: 2,MAR,2015 16:23:03

Highest Channel / Full RB



Date: 2,MAR,2015 16:23:11



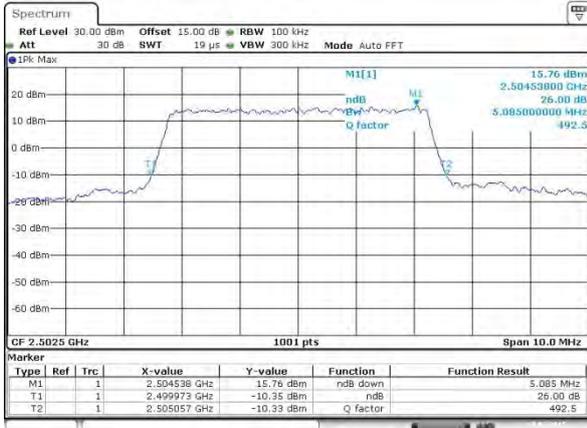
**26dB Bandwidth**

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| BW         |                           |       |      |       |      |       |       |       |       |       |       |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 5.09 | 5.07  | 10.07 | 10.11 | 14.66 | 14.84 | 20.22 | 20.22 |
| Middle CH  | -                         | -     | -    | -     | 5.08 | 5.09  | 10.09 | 10.13 | 14.78 | 14.93 | 20.98 | 20.70 |
| Highest CH | -                         | -     | -    | -     | 5.11 | 5.10  | 10.09 | 9.99  | 14.93 | 14.93 | 20.54 | 20.46 |



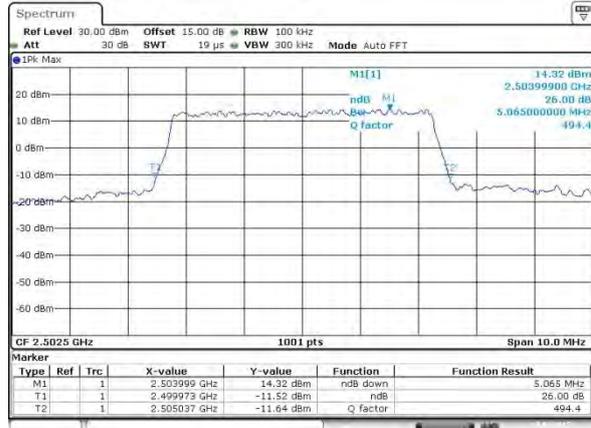
LTE Band 7

Lowest Channel / 5MHz / QPSK



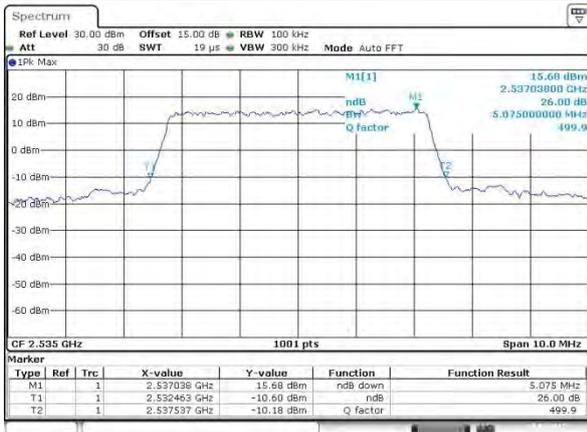
Date: 2.MAR.2015 15:25:12

Lowest Channel / 5MHz / 16QAM



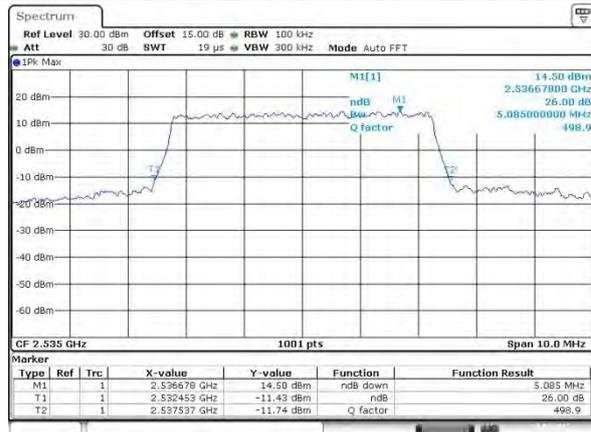
Date: 2.MAR.2015 15:25:24

Middle Channel / 5MHz / QPSK



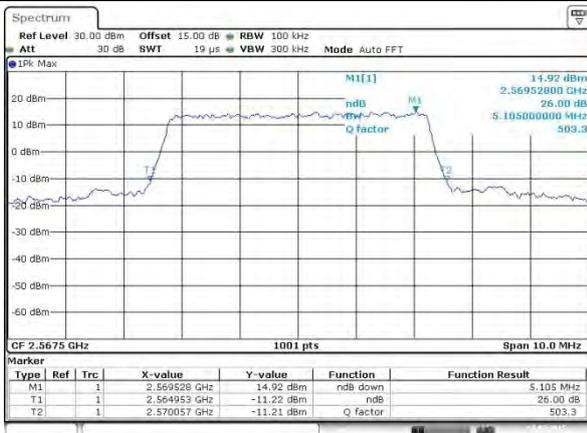
Date: 2.MAR.2015 15:25:18

Middle Channel / 5MHz / 16QAM



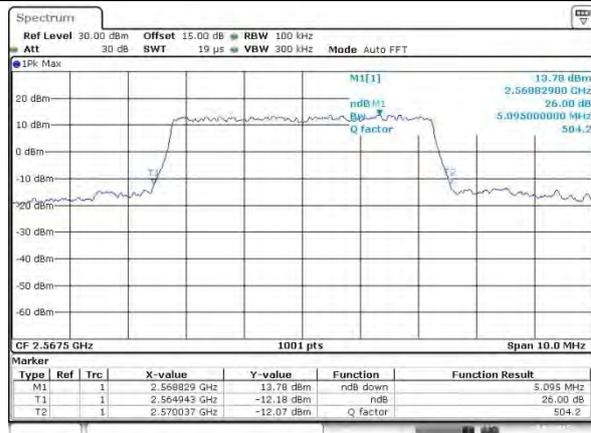
Date: 2.MAR.2015 15:25:26

Highest Channel / 5MHz / QPSK



Date: 2.MAR.2015 15:22:08

Highest Channel / 5MHz / 16QAM

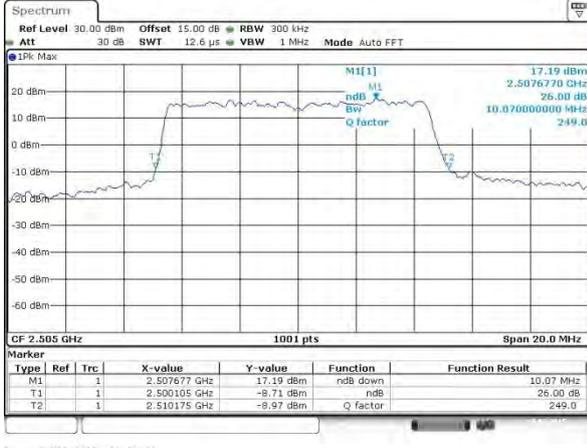


Date: 2.MAR.2015 15:22:19



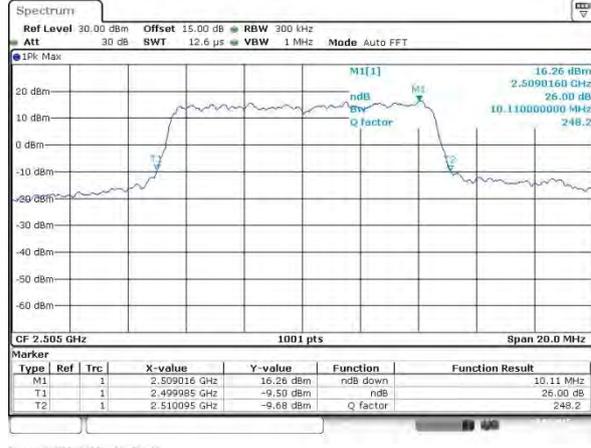
LTE Band 7

Lowest Channel / 10MHz / QPSK



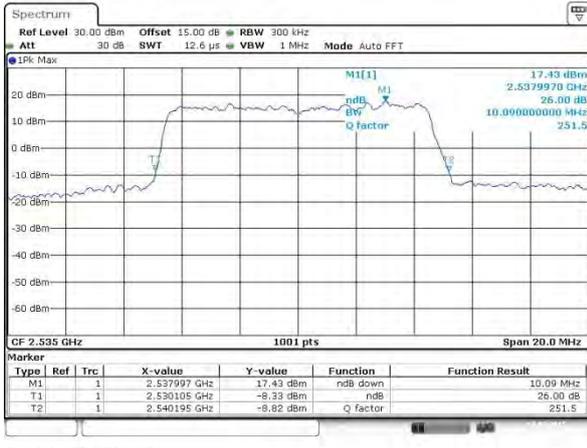
Date: 2, MAR, 2015 15:15:10

Lowest Channel / 10MHz / 16QAM



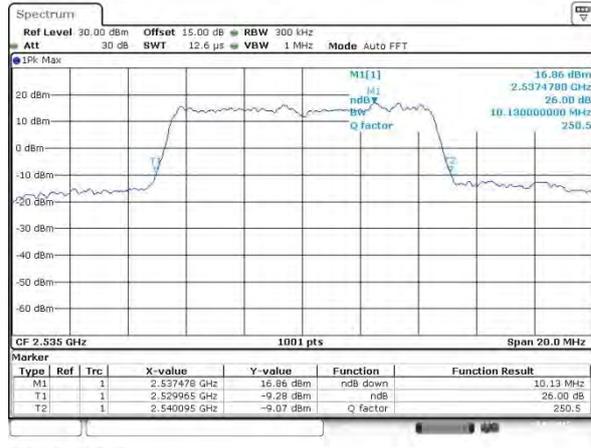
Date: 2, MAR, 2015 15:15:42

Middle Channel / 10MHz / QPSK



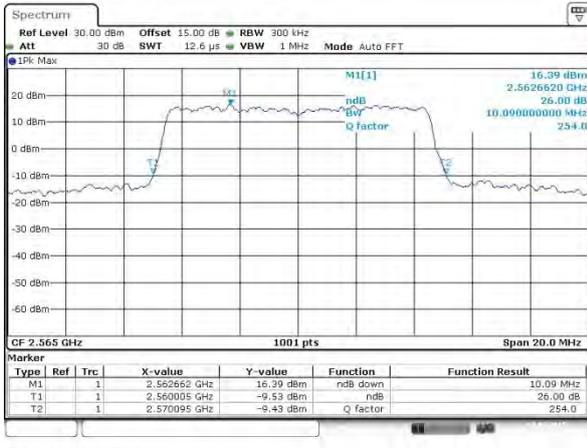
Date: 2, MAR, 2015 15:18:55

Middle Channel / 10MHz / 16QAM



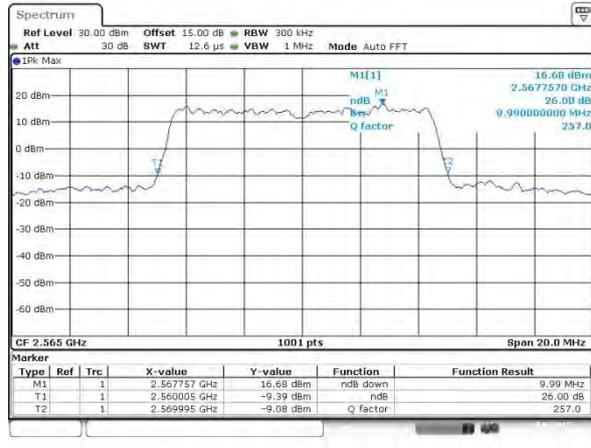
Date: 2, MAR, 2015 15:18:07

Highest Channel / 10MHz / QPSK



Date: 2, MAR, 2015 15:42:21

Highest Channel / 10MHz / 16QAM

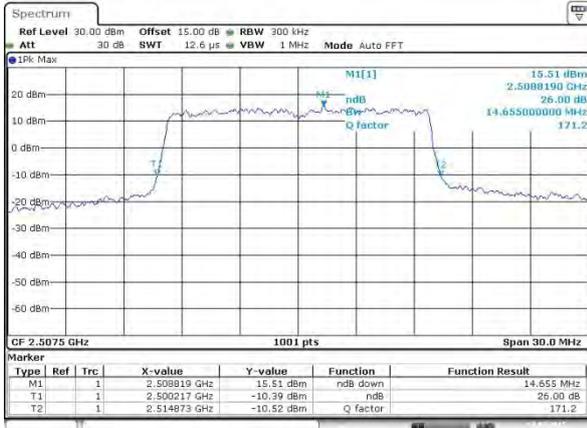


Date: 2, MAR, 2015 15:42:53



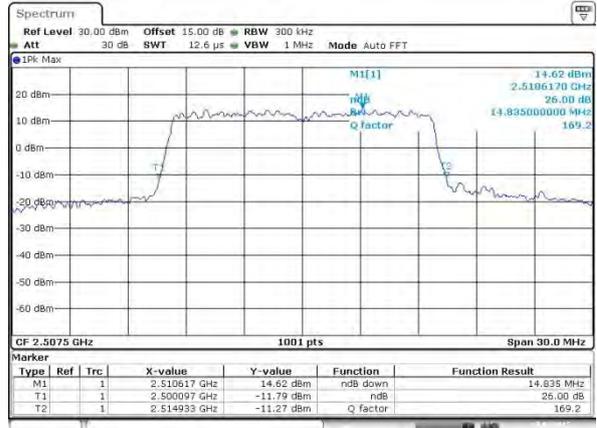
LTE Band 7

Lowest Channel / 15MHz / QPSK



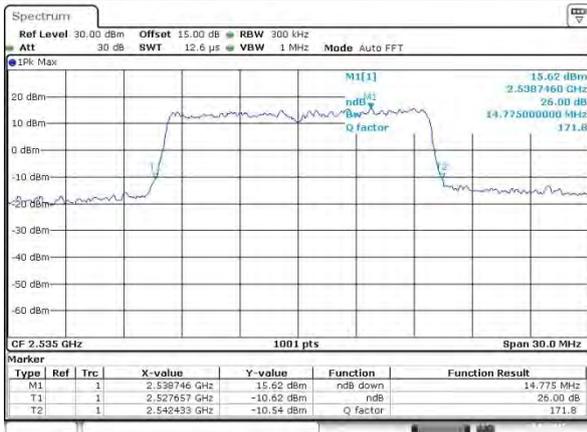
Date: 2.MAR.2015 15:45:48

Lowest Channel / 15MHz / 16QAM



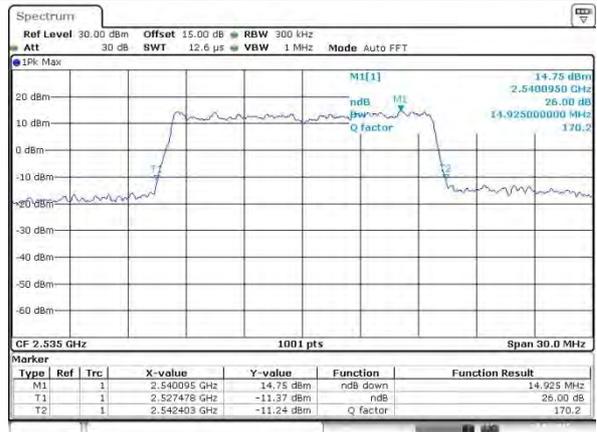
Date: 2.MAR.2015 15:46:00

Middle Channel / 15MHz / QPSK



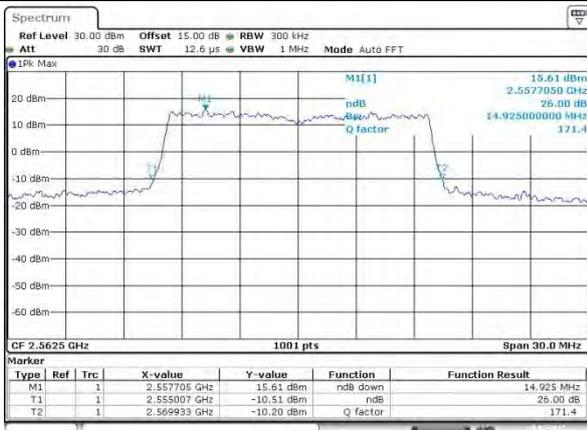
Date: 2.MAR.2015 15:46:14

Middle Channel / 15MHz / 16QAM



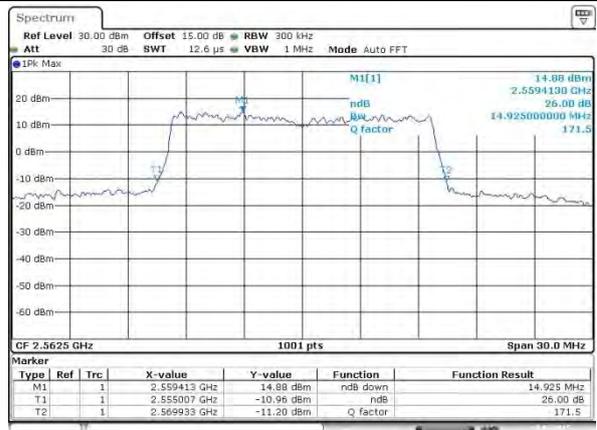
Date: 2.MAR.2015 15:46:26

Highest Channel / 15MHz / QPSK



Date: 2.MAR.2015 15:52:40

Highest Channel / 15MHz / 16QAM

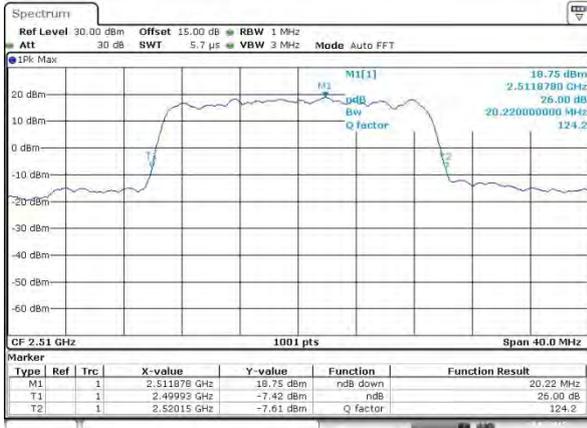


Date: 2.MAR.2015 15:52:50



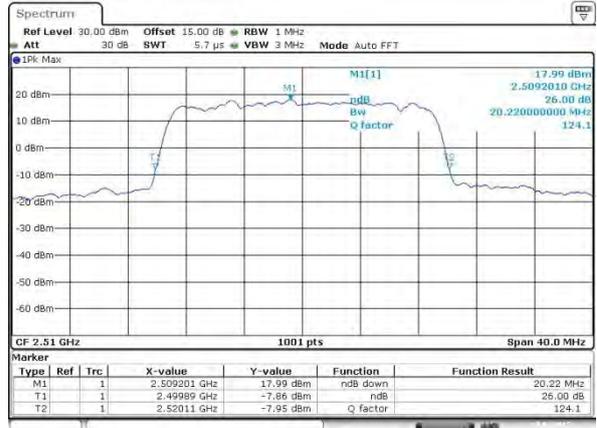
LTE Band 7

Lowest Channel / 20MHz / QPSK



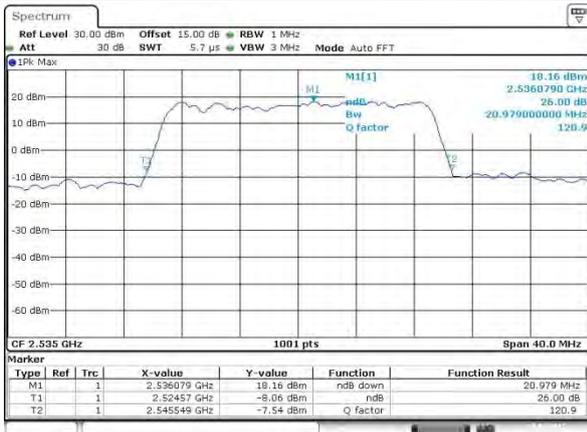
Date: 2.MAR.2015 18:12:00

Lowest Channel / 20MHz / 16QAM



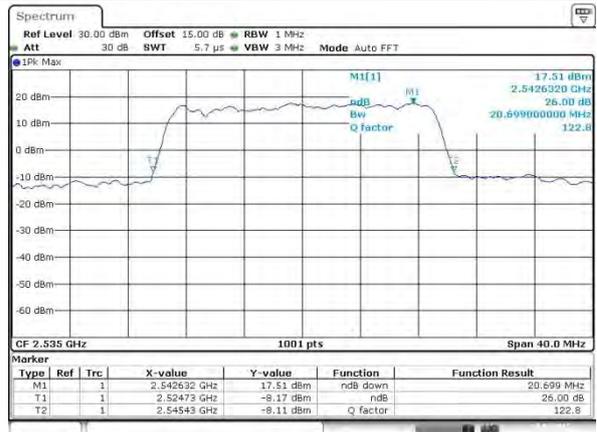
Date: 2.MAR.2015 18:12:18

Middle Channel / 20MHz / QPSK



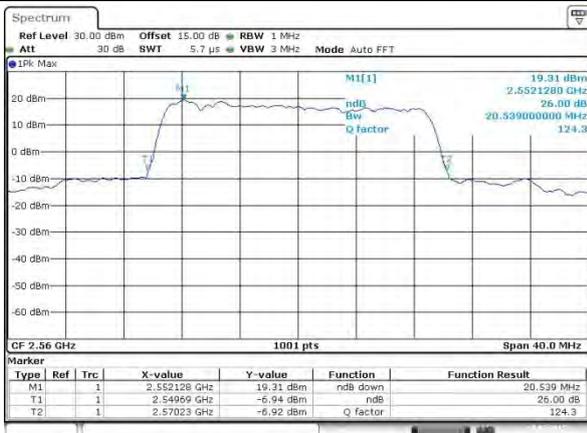
Date: 2.MAR.2015 18:13:28

Middle Channel / 20MHz / 16QAM



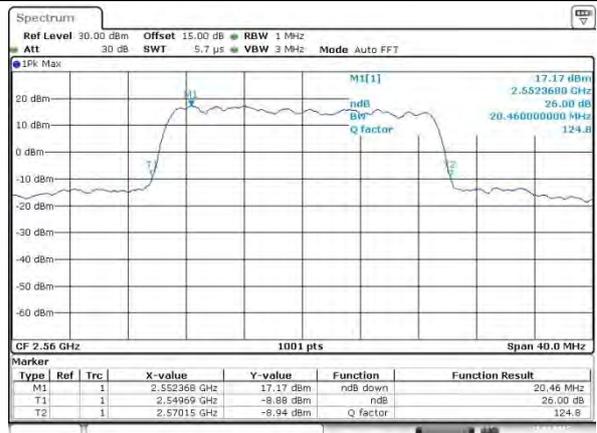
Date: 2.MAR.2015 18:13:40

Highest Channel / 20MHz / QPSK



Date: 2.MAR.2015 18:18:53

Highest Channel / 20MHz / 16QAM



Date: 31.APR.2015 17:56:47



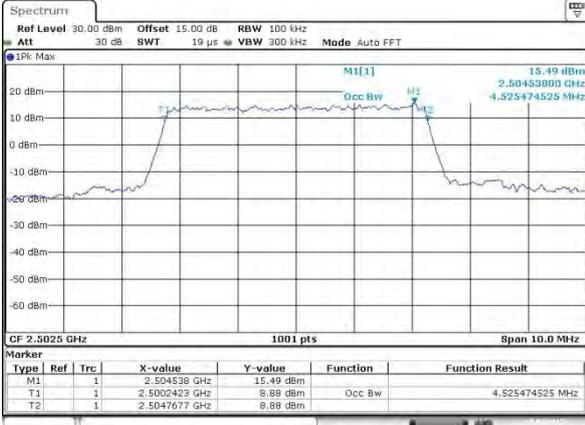
### Occupied Bandwidth

| Mode       | LTE Band 7 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| BW         | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -    | -     | 4.53 | 4.52  | 9.05  | 9.05  | 13.49 | 13.49 | 18.34 | 18.50 |
| Middle CH  | -                        | -     | -    | -     | 4.52 | 4.52  | 9.09  | 9.07  | 13.55 | 13.52 | 18.50 | 18.58 |
| Highest CH | -                        | -     | -    | -     | 4.52 | 4.51  | 9.07  | 9.05  | 13.58 | 13.55 | 18.54 | 18.62 |



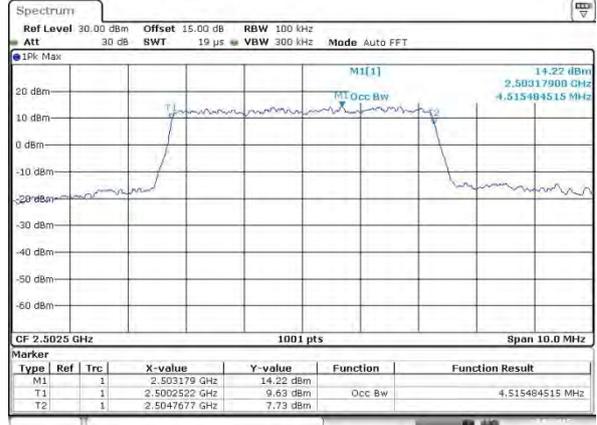
LTE Band 7

Lowest Channel / 5MHz / QPSK



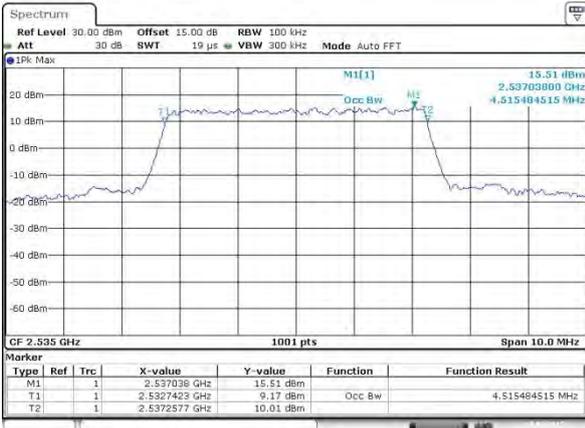
Date: 2.MAR.2015 15:28:48

Lowest Channel / 5MHz / 16QAM



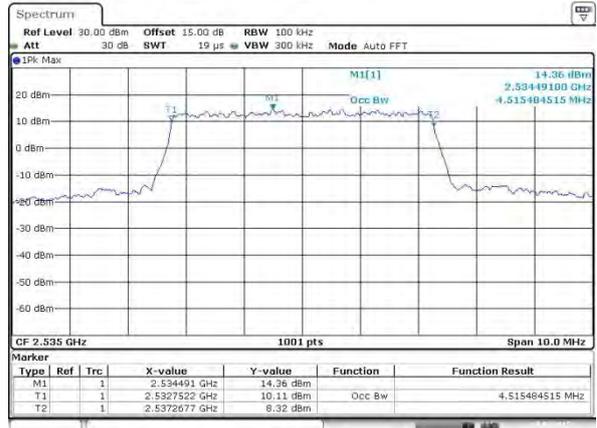
Date: 2.MAR.2015 15:28:06

Middle Channel / 5MHz / QPSK



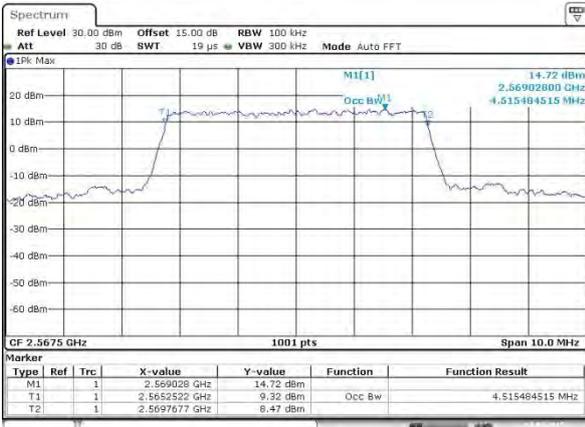
Date: 2.MAR.2015 15:28:16

Middle Channel / 5MHz / 16QAM



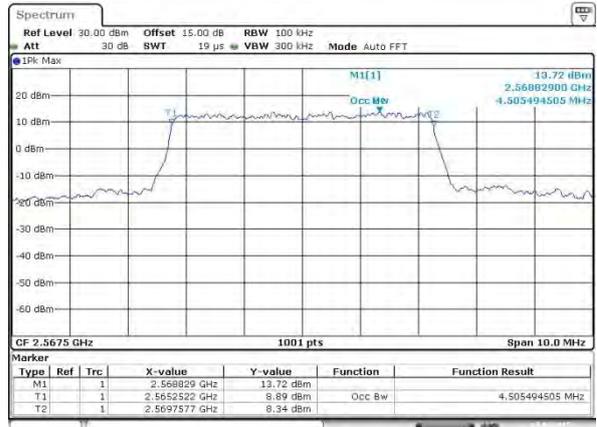
Date: 2.MAR.2015 15:28:26

Highest Channel / 5MHz / QPSK



Date: 2.MAR.2015 15:11:42

Highest Channel / 5MHz / 16QAM

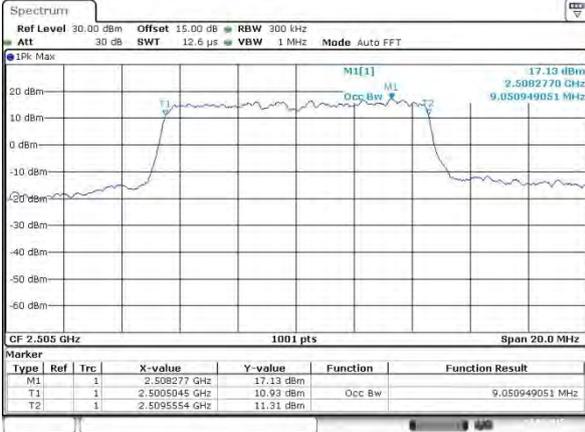


Date: 2.MAR.2015 15:11:52



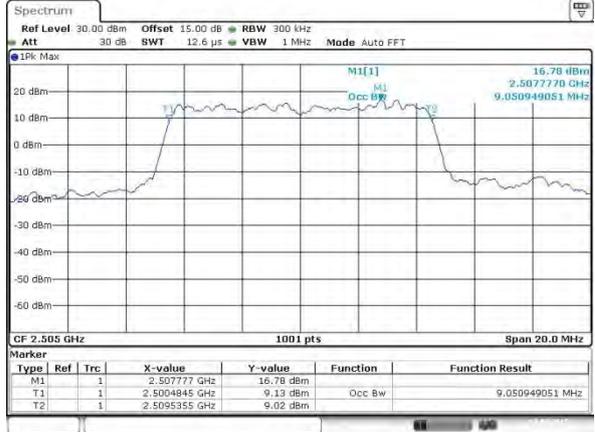
LTE Band 7

Lowest Channel / 10MHz / QPSK



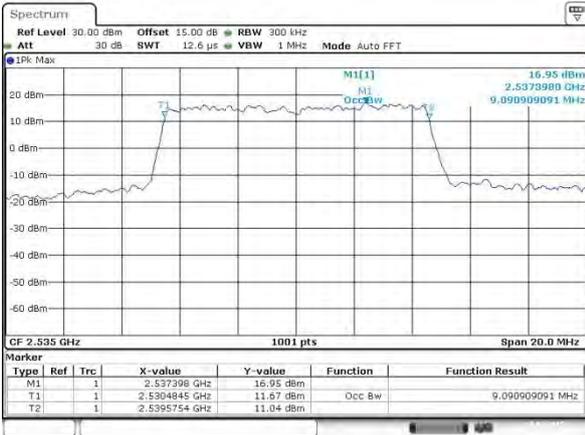
Date: 2.MAR.2015 15:15:08

Lowest Channel / 10MHz / 16QAM



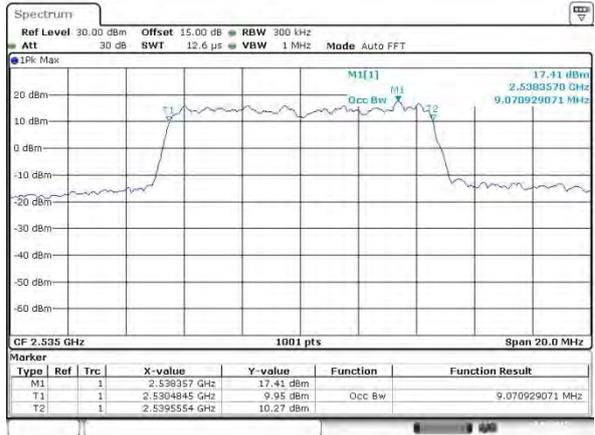
Date: 2.MAR.2015 15:15:18

Middle Channel / 10MHz / QPSK



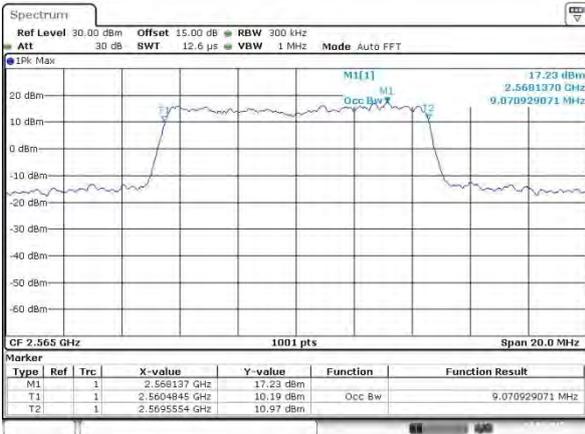
Date: 2.MAR.2015 15:15:43

Middle Channel / 10MHz / 16QAM



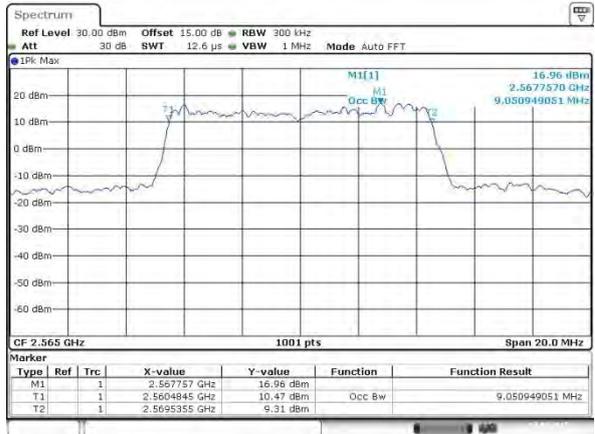
Date: 2.MAR.2015 15:15:43

Highest Channel / 10MHz / QPSK



Date: 2.MAR.2015 15:14:18

Highest Channel / 10MHz / 16QAM

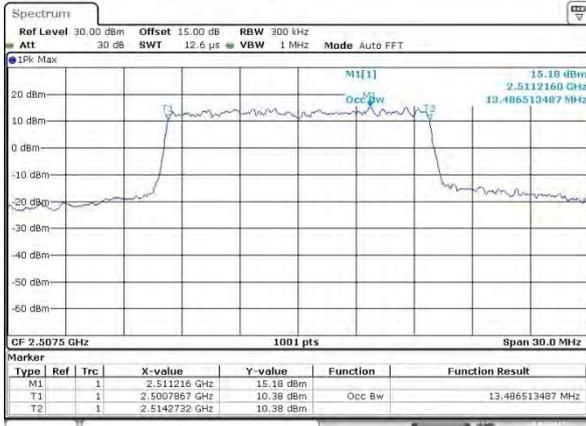


Date: 2.MAR.2015 15:14:08



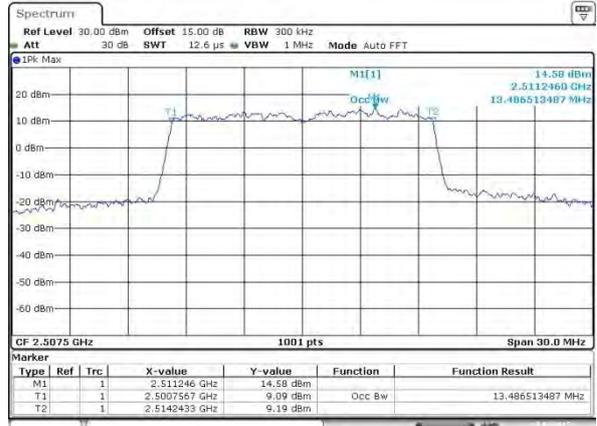
LTE Band 7

Lowest Channel / 15MHz / QPSK



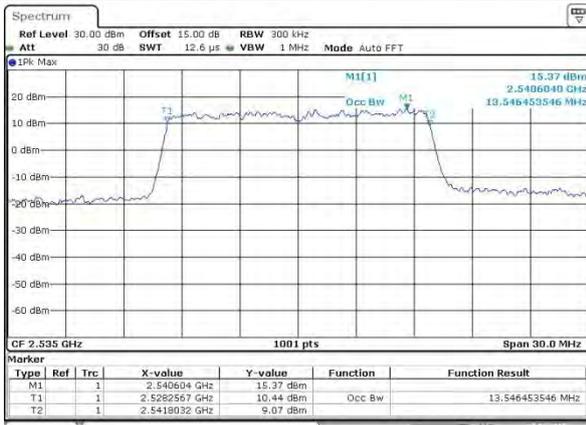
Date: 2.MAR.2015 15:45:25

Lowest Channel / 15MHz / 16QAM



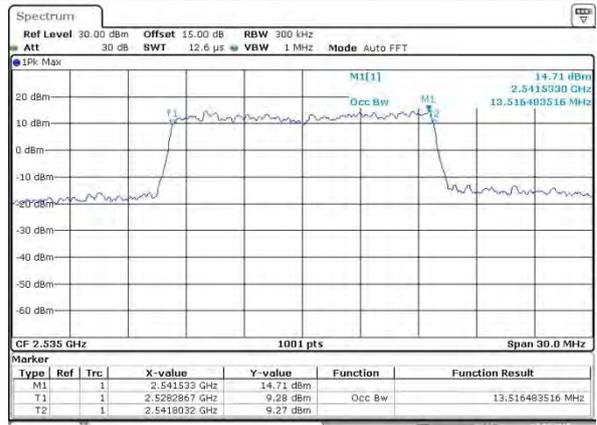
Date: 2.MAR.2015 15:45:26

Middle Channel / 15MHz / QPSK



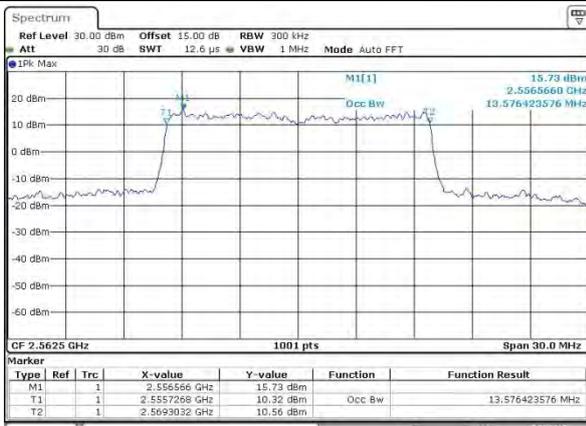
Date: 2.MAR.2015 15:45:22

Middle Channel / 15MHz / 16QAM



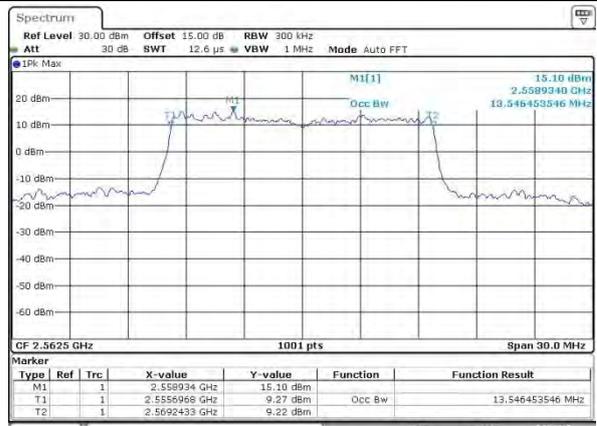
Date: 2.MAR.2015 15:45:22

Highest Channel / 15MHz / QPSK



Date: 2.MAR.2015 15:52:18

Highest Channel / 15MHz / 16QAM

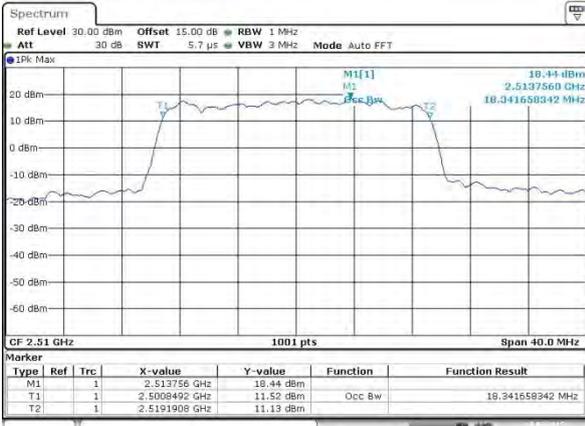


Date: 2.MAR.2015 15:52:28



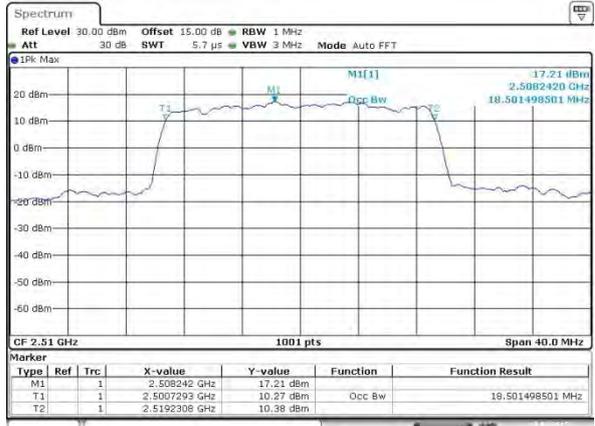
LTE Band 7

Lowest Channel / 20MHz / QPSK



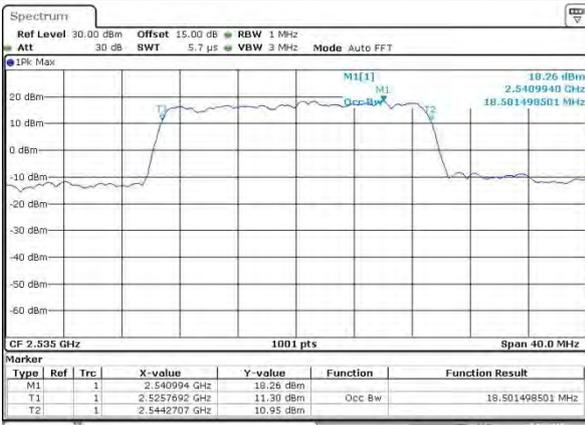
Date: 2.MAR.2015 18:11:50

Lowest Channel / 20MHz / 16QAM



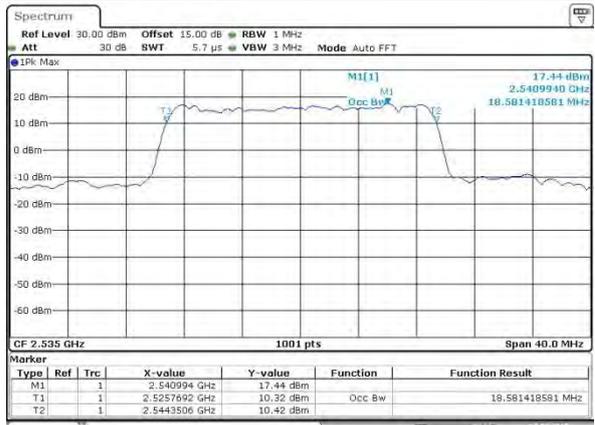
Date: 2.MAR.2015 18:11:50

Middle Channel / 20MHz / QPSK



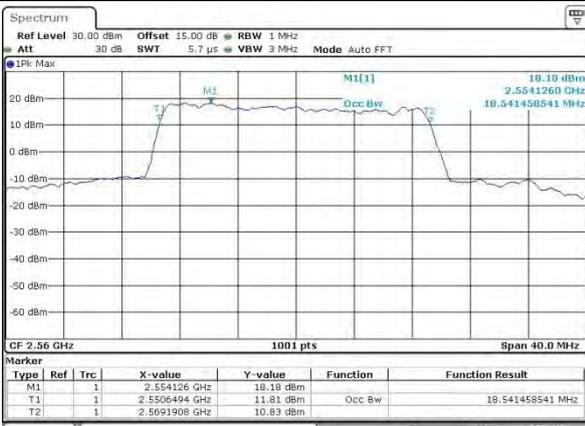
Date: 2.MAR.2015 18:13:00

Middle Channel / 20MHz / 16QAM



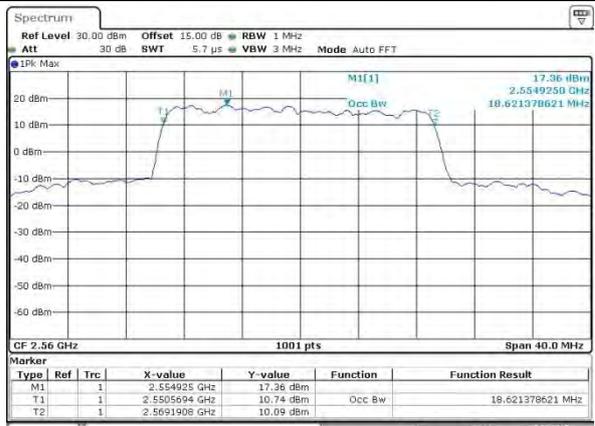
Date: 2.MAR.2015 18:13:00

Highest Channel / 20MHz / QPSK



Date: 2.MAR.2015 18:13:11

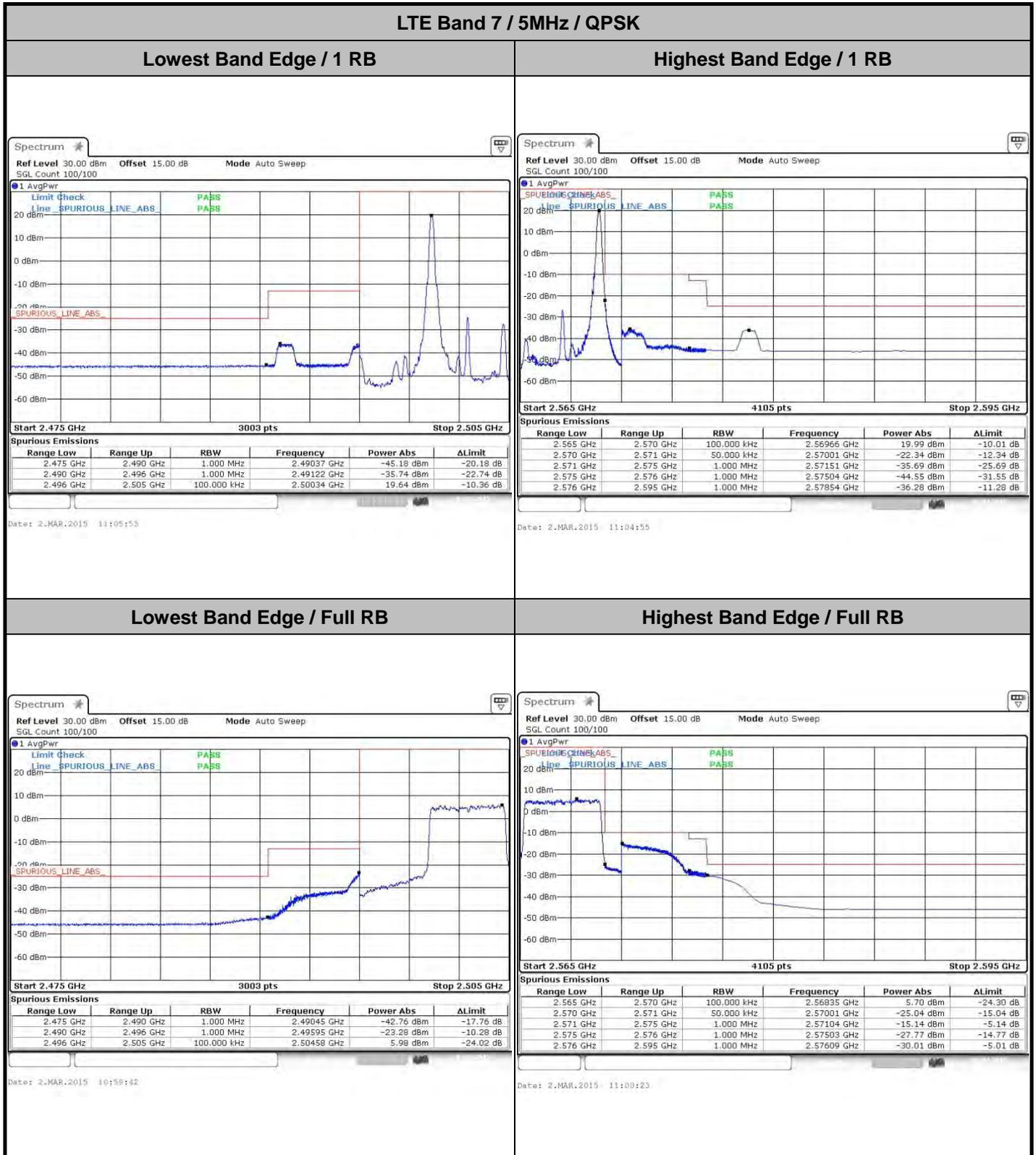
Highest Channel / 20MHz / 16QAM



Date: 2.MAR.2015 18:13:11



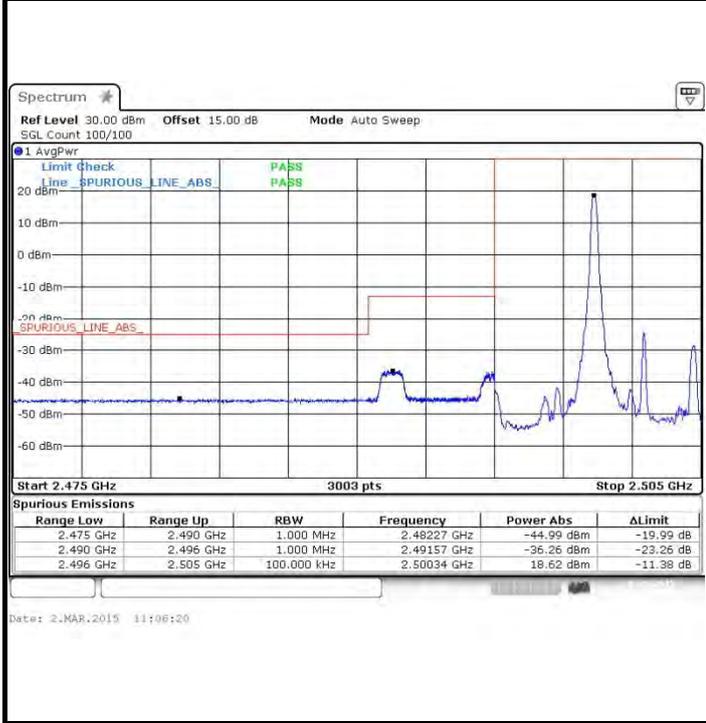
# Conducted Band Edge





**LTE Band 7 / 5MHz / 16QAM**

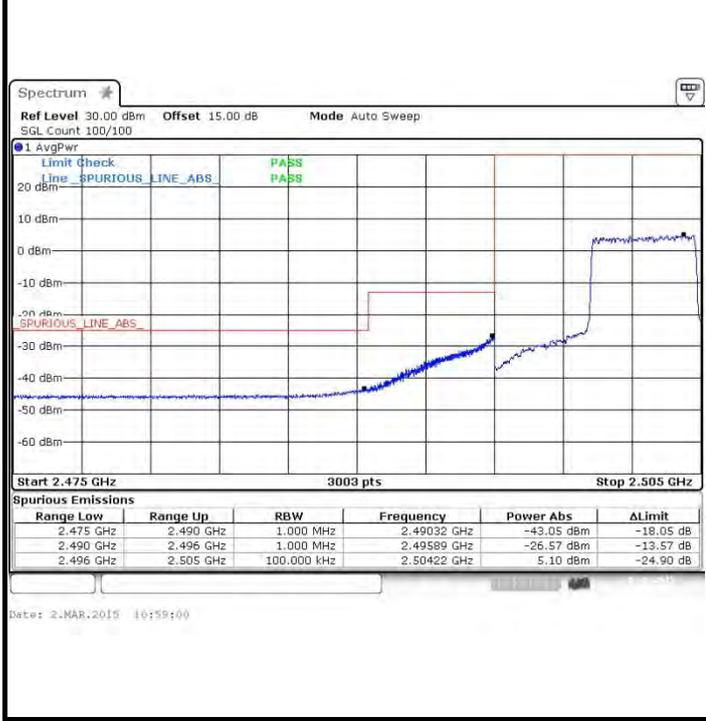
**Lowest Band Edge / 1 RB**



**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



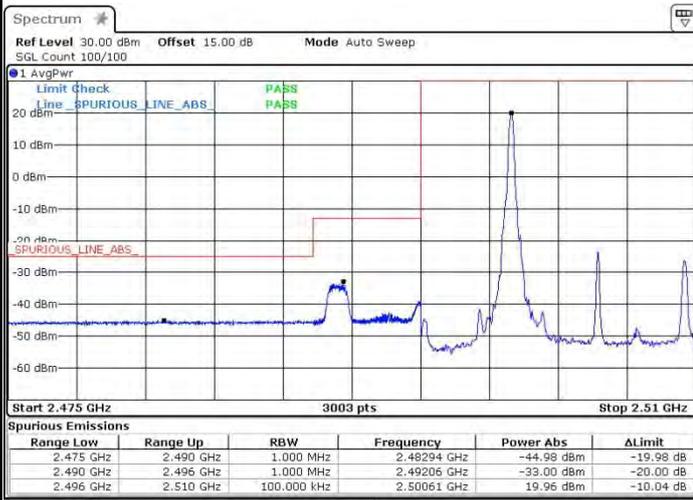
**Highest Band Edge / Full RB**





LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 11:08:05

Highest Band Edge / 1 RB



Date: 2.MAR.2015 11:12:19

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:10:31

Highest Band Edge / Full RB

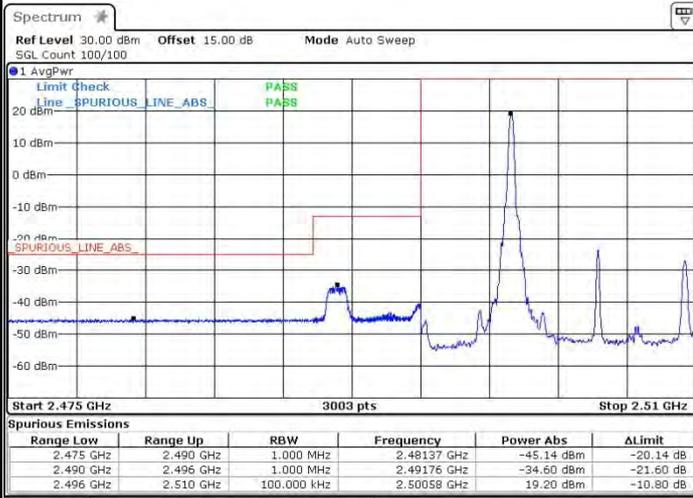


Date: 2.MAR.2015 11:11:53



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



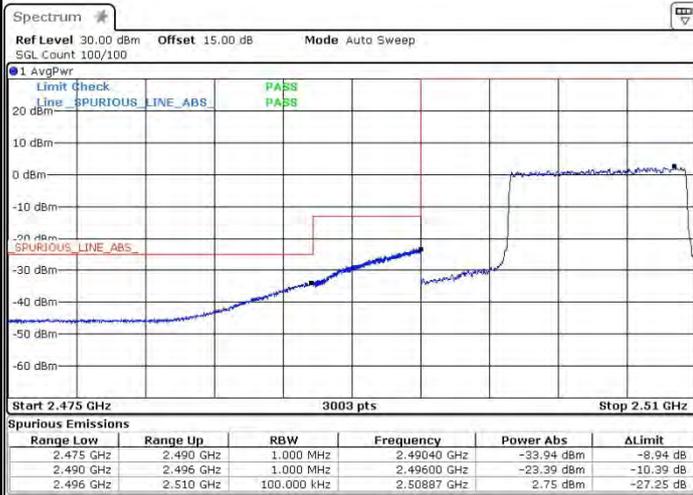
Date: 2.MAR.2015 11:07:16

Highest Band Edge / 1 RB



Date: 2.MAR.2015 11:12:43

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:10:55

Highest Band Edge / Full RB

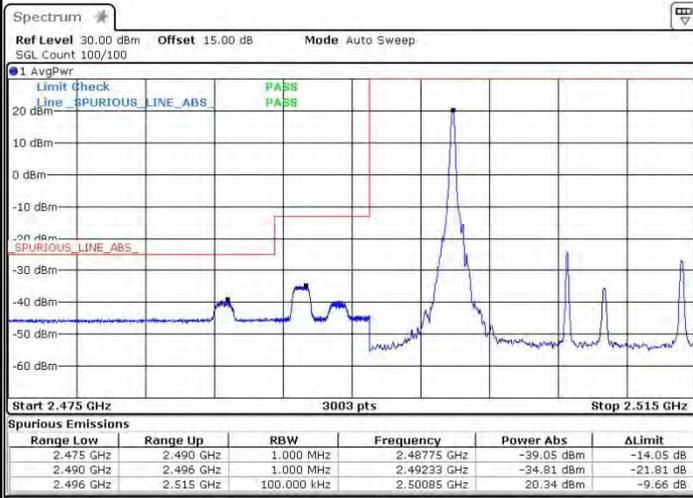


Date: 2.MAR.2015 11:11:29



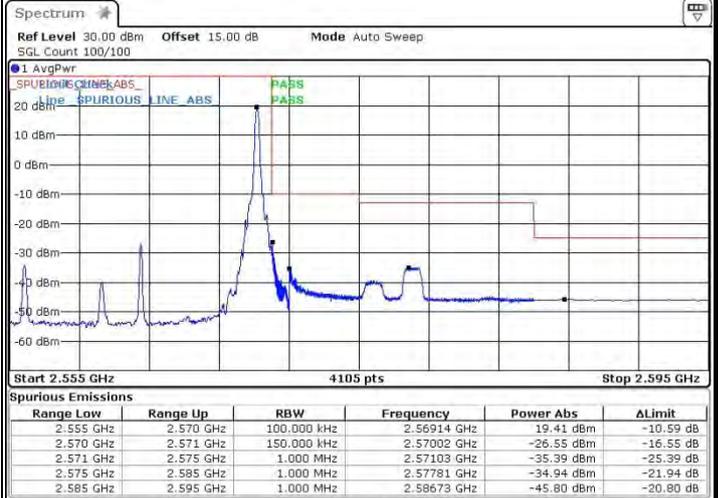
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



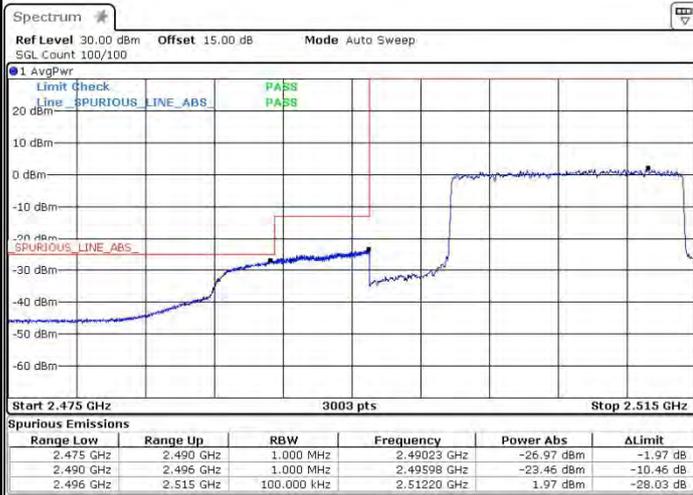
Date: 2.MAR.2015 11:13:47

Highest Band Edge / 1 RB



Date: 2.MAR.2015 11:16:29

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:14:12

Highest Band Edge / Full RB

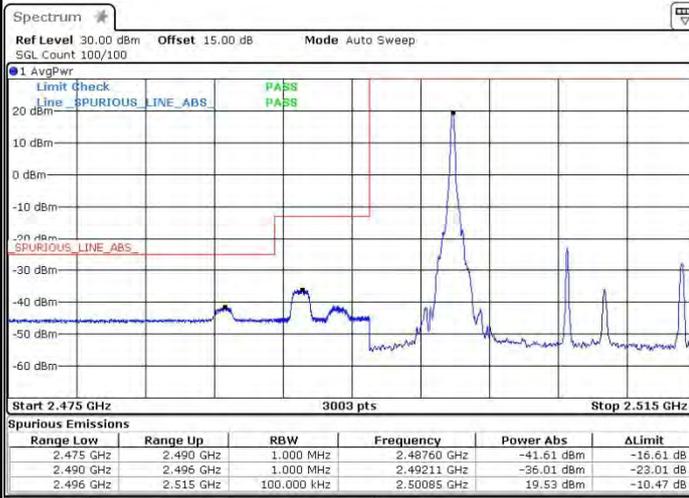


Date: 2.MAR.2015 11:15:36



LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 11:13:23

Highest Band Edge / 1 RB



Date: 2.MAR.2015 11:17:06

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:14:36

Highest Band Edge / Full RB

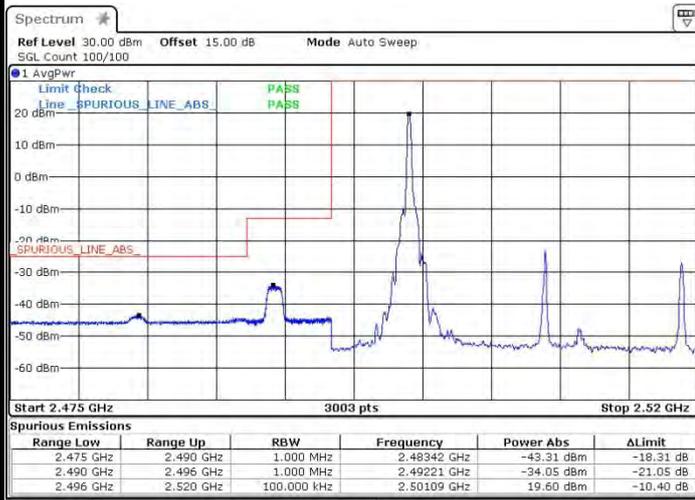


Date: 2.MAR.2015 11:15:11



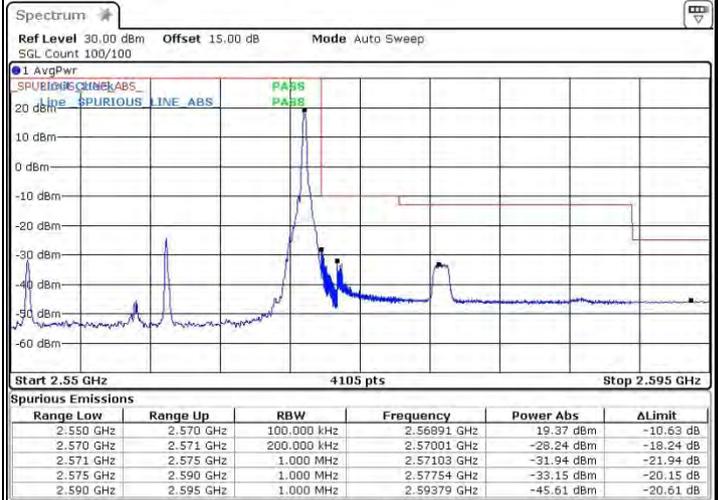
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 11:18:24

Highest Band Edge / 1 RB



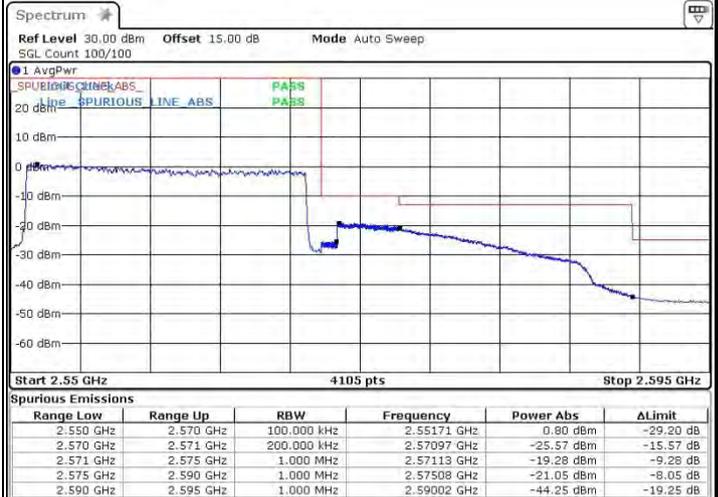
Date: 2.MAR.2015 11:22:45

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:20:59

Highest Band Edge / Full RB

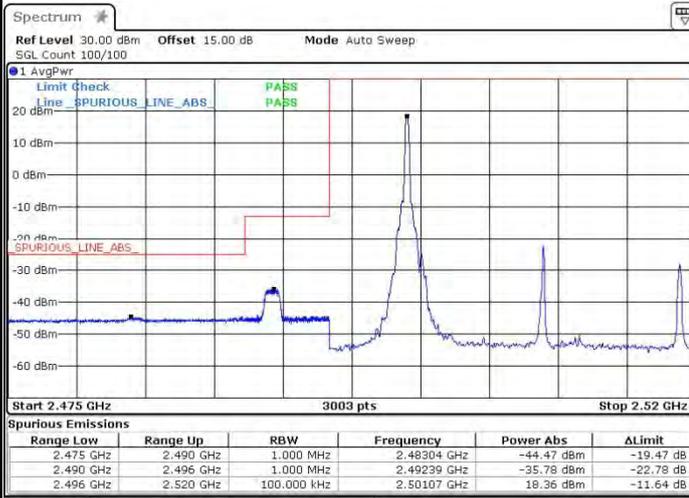


Date: 2.MAR.2015 11:21:33



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



Date: 2.MAR.2015 11:17:48

Highest Band Edge / 1RB



Date: 2.MAR.2015 11:22:23

Lowest Band Edge / Full RB



Date: 2.MAR.2015 11:19:14

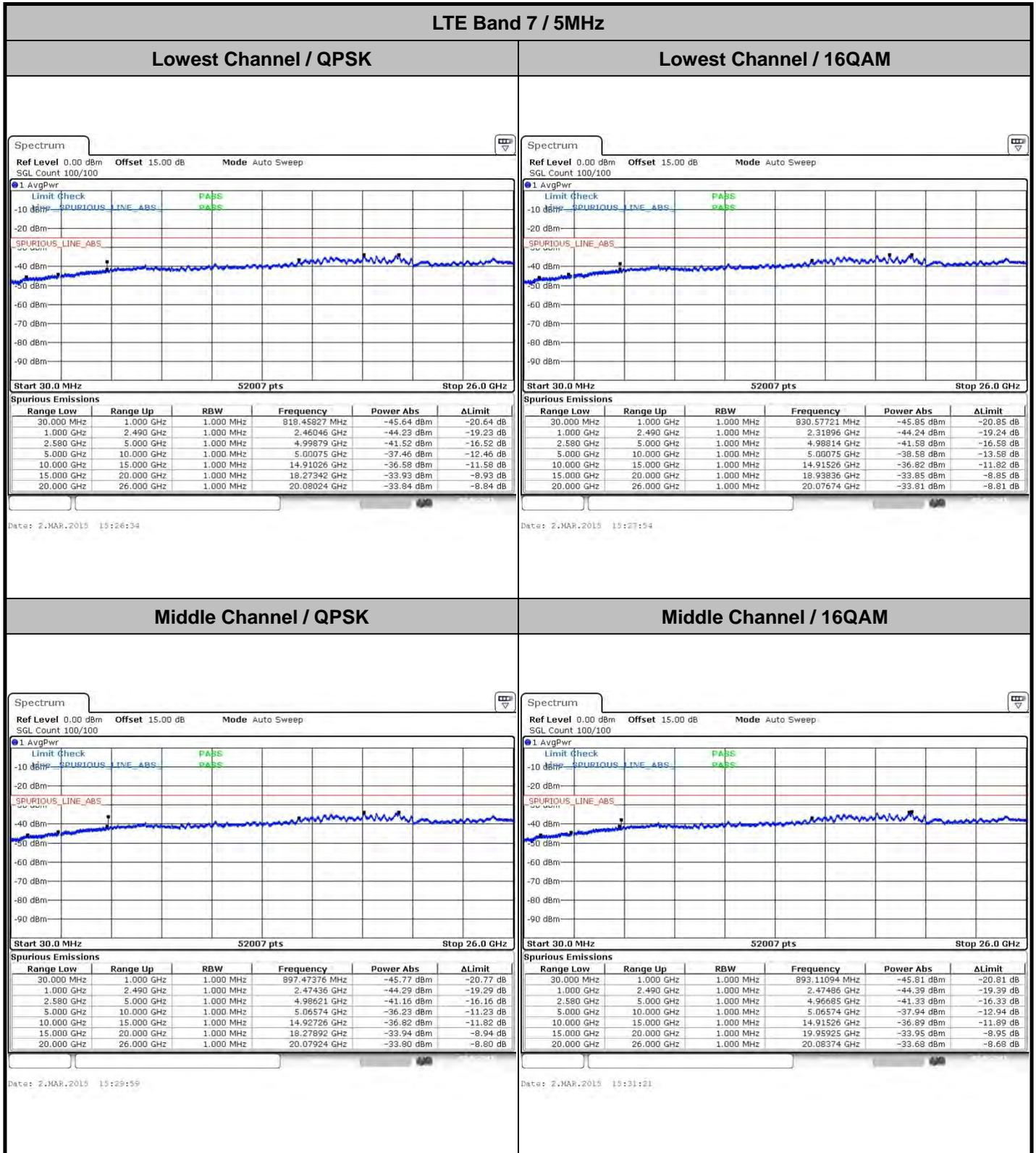
Highest Band Edge / Full RB



Date: 2.MAR.2015 11:21:58



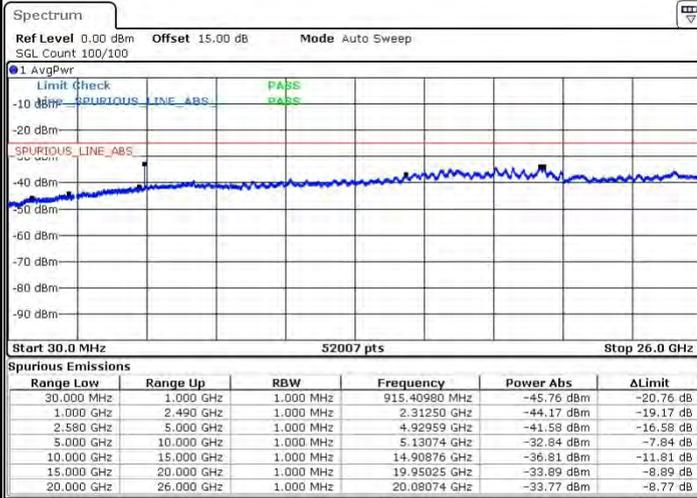
# Conducted Spurious Emission





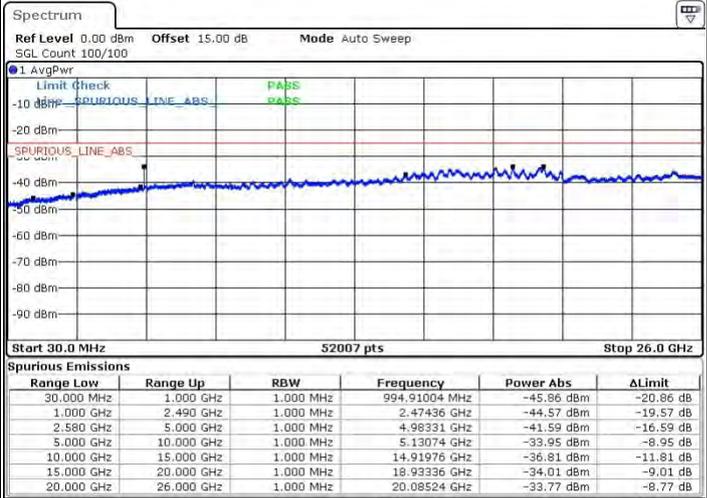
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 2.MAR.2015 15:33:26

Highest Channel / 16QAM



Date: 2.MAR.2015 15:34:46

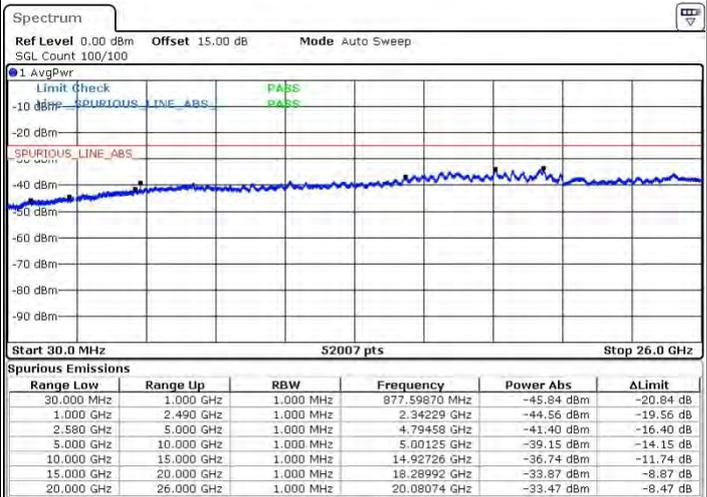
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 2.MAR.2015 15:36:51

Lowest Channel / 16QAM



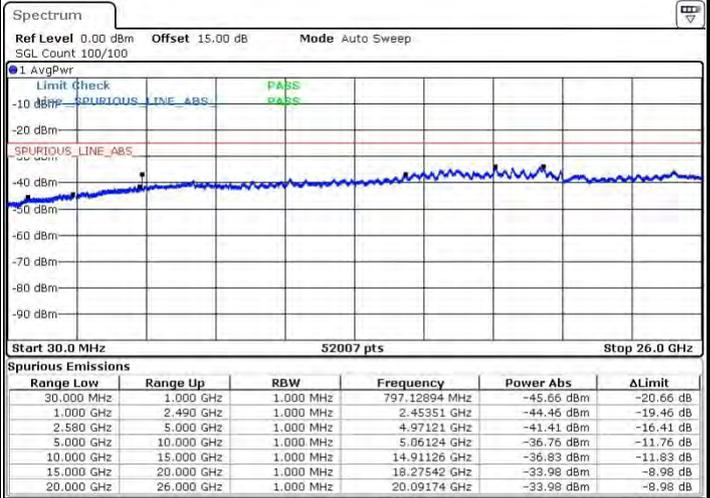
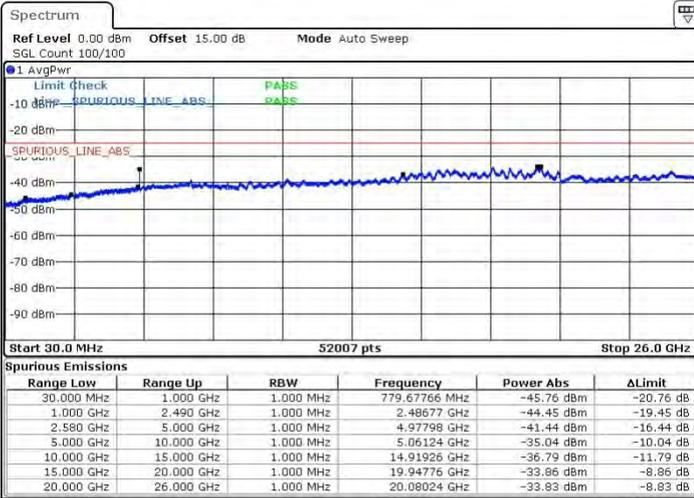
Date: 2.MAR.2015 15:38:12



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

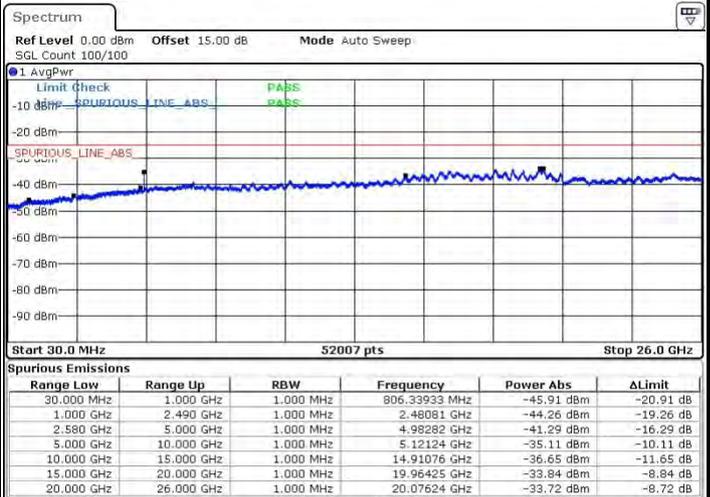
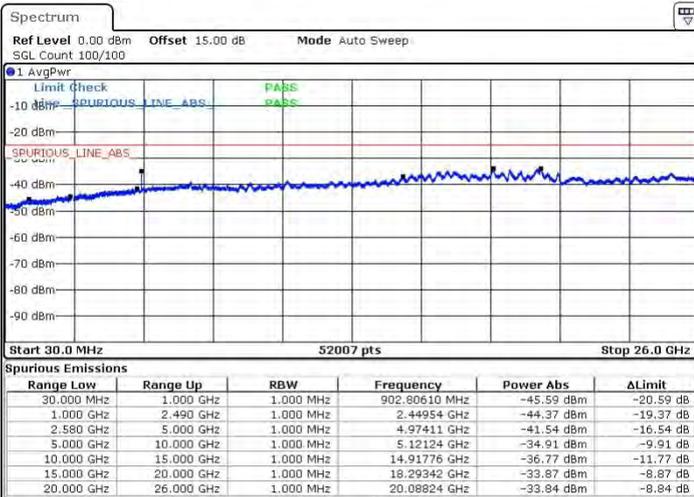


Date: 2.MAR.2015 15:40:16

Date: 2.MAR.2015 15:41:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAR.2015 15:43:42

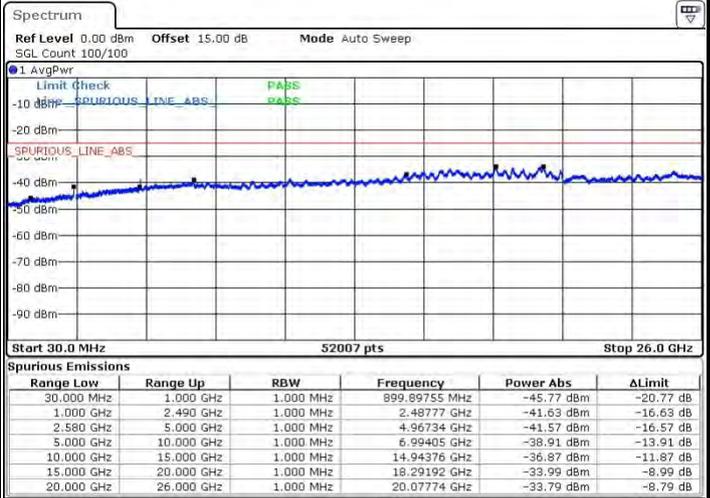
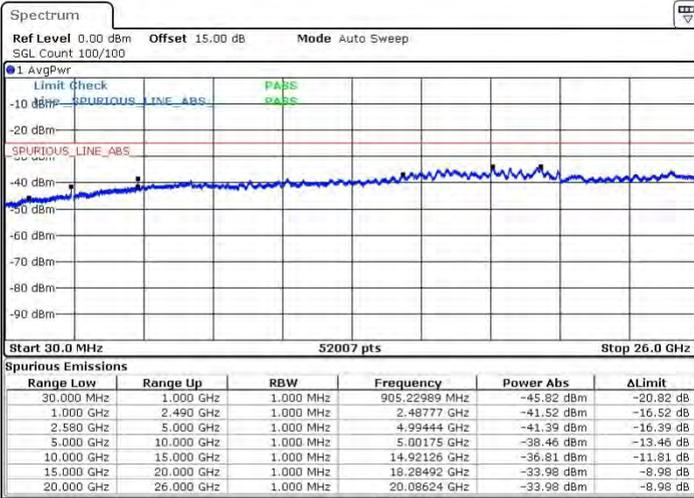
Date: 2.MAR.2015 15:45:02



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

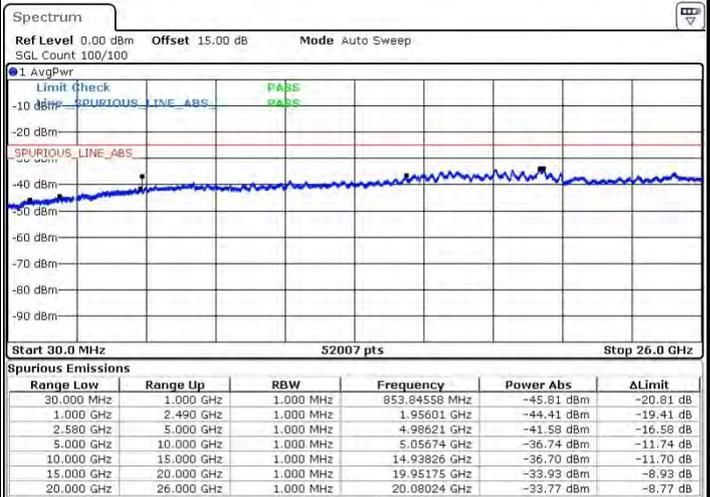
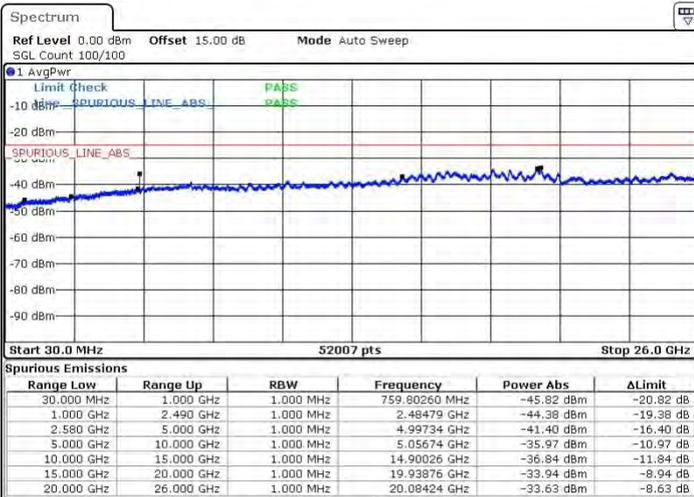


Date: 2.MAR.2015 15:47:09

Date: 2.MAR.2015 15:48:30

Middle Channel / QPSK

Middle Channel / 16QAM



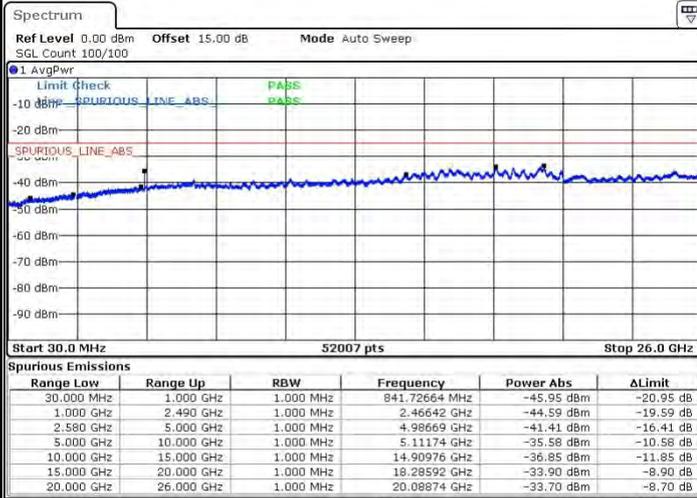
Date: 2.MAR.2015 15:50:35

Date: 2.MAR.2015 15:51:56



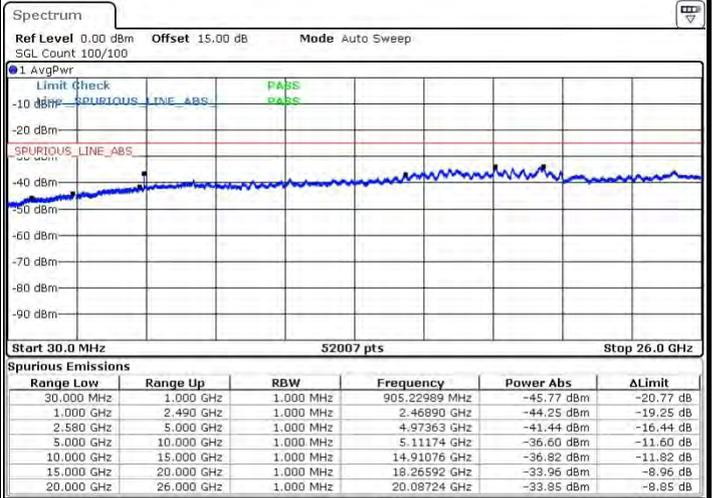
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 2.MAR.2015 15:54:01

Highest Channel / 16QAM



Date: 2.MAR.2015 16:34:25

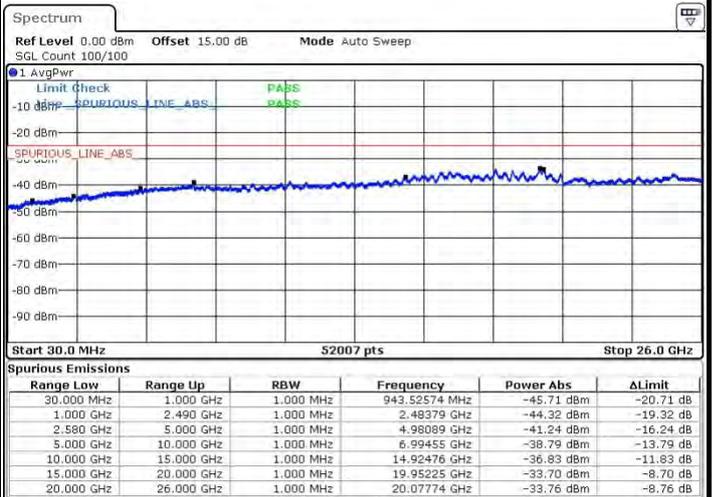
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 2.MAR.2015 16:13:23

Lowest Channel / 16QAM



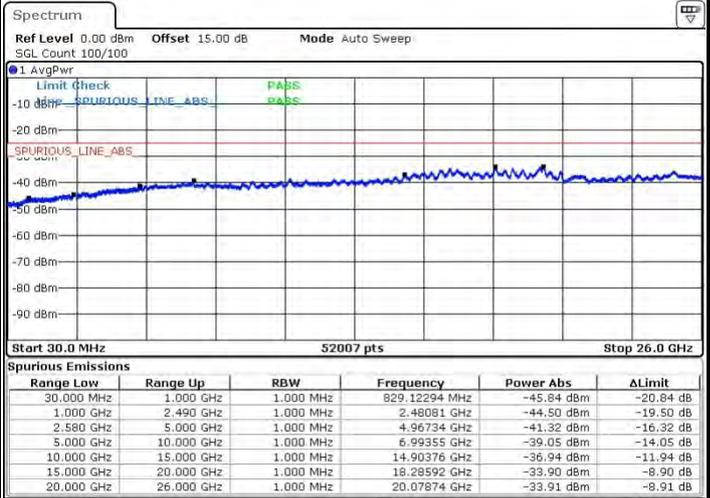
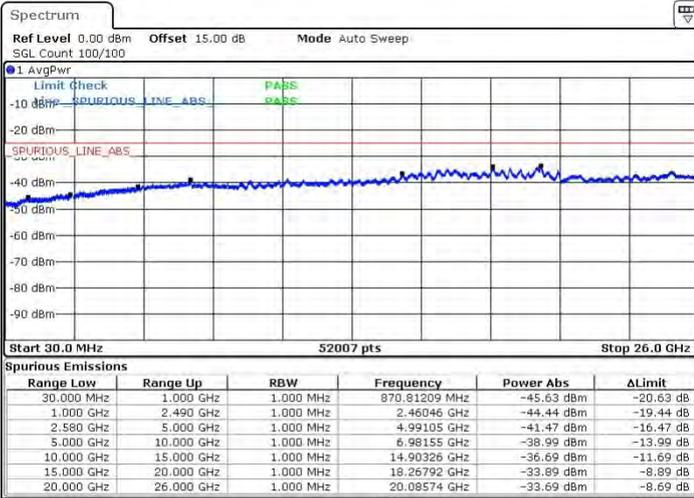
Date: 2.MAR.2015 16:14:44



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

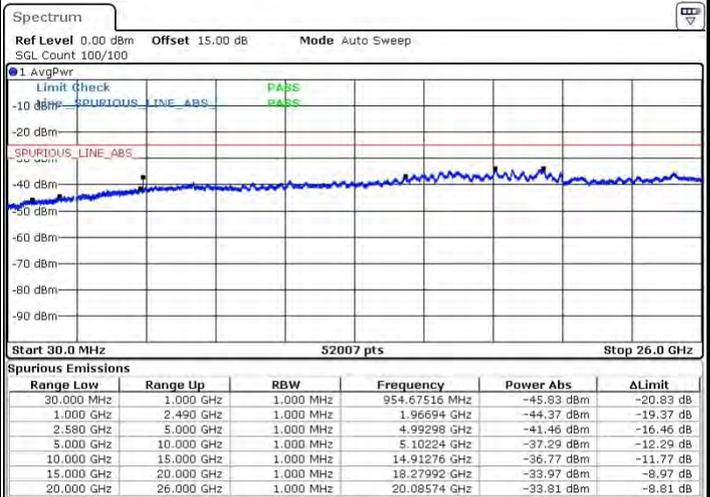
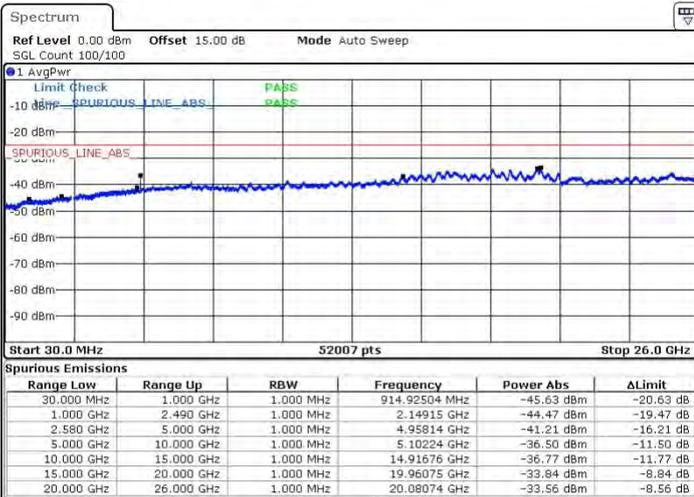


Date: 2.MAR.2015 16:16:49

Date: 2.MAR.2015 16:18:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAR.2015 16:20:14

Date: 2.MAR.2015 16:21:35



**Frequency Stability**

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0004                             | PASS    |
| 40               | Normal Voltage    | 0.0002                             |         |
| 30               | Normal Voltage    | 0.0001                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0005                             |         |
| 0                | Normal Voltage    | 0.0007                             |         |
| -10              | Normal Voltage    | 0.0001                             |         |
| -20              | Normal Voltage    | 0.0005                             |         |
| -30              | Normal Voltage    | 0.0000                             |         |
| 20               | Maximum Voltage   | 0.0001                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



# LTE Band 17

## Conducted Output Power(Average power)

| LTE Band 17 Maximum Average Power [dBm] |         |           |        |        |        |         |
|---|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 22.76  | 22.94  | 23.03   |
| 5                                       | 1       | 12        |        | 22.87  | 22.97  | 22.86   |
| 5                                       | 1       | 24        |        | 23.01  | 23.25  | 23.00   |
| 5                                       | 12      | 0         |        | 21.87  | 22.12  | 22.22   |
| 5                                       | 12      | 6         |        | 22.00  | 22.12  | 22.19   |
| 5                                       | 12      | 11        |        | 21.93  | 22.24  | 22.16   |
| 5                                       | 25      | 0         |        | 22.02  | 22.17  | 22.20   |
| 5                                       | 1       | 0         | 16-QAM | 22.30  | 22.87  | 22.80   |
| 5                                       | 1       | 12        |        | 22.10  | 22.78  | 22.97   |
| 5                                       | 1       | 24        |        | 22.56  | 22.60  | 22.63   |
| 5                                       | 12      | 0         |        | 20.84  | 21.12  | 21.12   |
| 5                                       | 12      | 6         |        | 21.02  | 21.12  | 21.03   |
| 5                                       | 12      | 11        |        | 21.07  | 21.24  | 21.02   |
| 5                                       | 25      | 0         |        | 20.90  | 21.12  | 21.06   |
| 10                                      | 1       | 0         | QPSK   | 23.16  | 23.19  | 23.29   |
| 10                                      | 1       | 24        |        | 23.12  | 23.42  | 23.67   |
| 10                                      | 1       | 49        |        | 23.33  | 23.38  | 23.00   |
| 10                                      | 25      | 0         |        | 22.07  | 22.13  | 22.17   |
| 10                                      | 25      | 12        |        | 22.13  | 22.27  | 22.29   |
| 10                                      | 25      | 24        |        | 22.24  | 22.26  | 22.27   |
| 10                                      | 50      | 0         |        | 22.13  | 22.14  | 22.24   |
| 10                                      | 1       | 0         | 16-QAM | 22.63  | 22.34  | 22.84   |
| 10                                      | 1       | 24        |        | 22.32  | 22.55  | 22.71   |
| 10                                      | 1       | 49        |        | 22.82  | 22.74  | 22.32   |
| 10                                      | 25      | 0         |        | 21.18  | 21.06  | 21.13   |
| 10                                      | 25      | 12        |        | 21.07  | 21.05  | 21.07   |
| 10                                      | 25      | 24        |        | 21.27  | 21.11  | 21.20   |
| 10                                      | 50      | 0         |        | 21.10  | 21.03  | 21.10   |



**Peak-to-Average Ratio**

| Mode       | LTE Band 17 / 10MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | RB Size | Result      |
| Lowest CH  | 4.03                | 4.43    | 4.32  | 5.48    | <b>PASS</b> |
| Middle CH  | 3.36                | 4.23    | 4.23  | 5.45    |             |
| Highest CH | 3.71                | 4.29    | 4.41  | 5.51    |             |



LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 2,MAR,2015 10:30:00

Lowest Channel / Full RB



Date: 2,MAR,2015 10:30:22

Middle Channel/ 1RB



Date: 2,MAR,2015 10:30:36

Middle Channel / Full RB



Date: 2,MAR,2015 10:30:51

Highest Channel/ 1RB



Date: 2,MAR,2015 10:31:15

Highest Channel / Full RB

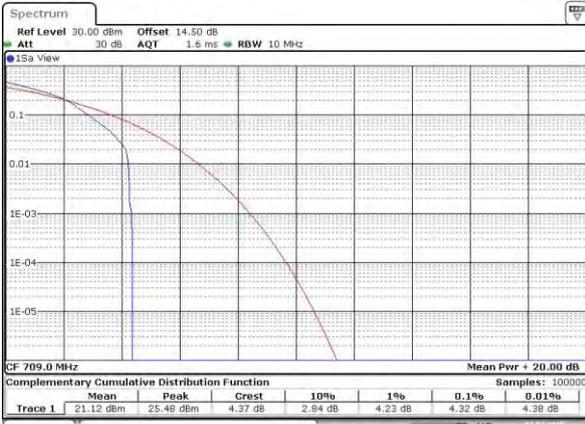


Date: 2,MAR,2015 10:31:36



LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



Date: 2,MAR,2015 10:28:41

Lowest Channel / Full RB



Date: 2,MAR,2015 10:28:53

Middle Channel / 1RB



Date: 2,MAR,2015 10:29:04

Middle Channel / Full RB



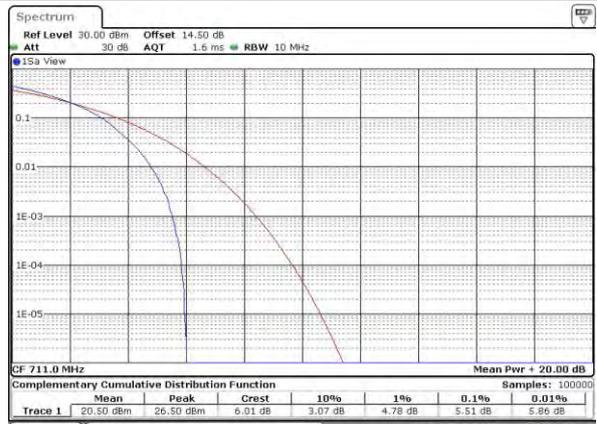
Date: 2,MAR,2015 10:29:20

Highest Channel / 1RB



Date: 2,MAR,2015 10:29:30

Highest Channel / Full RB



Date: 2,MAR,2015 10:29:45



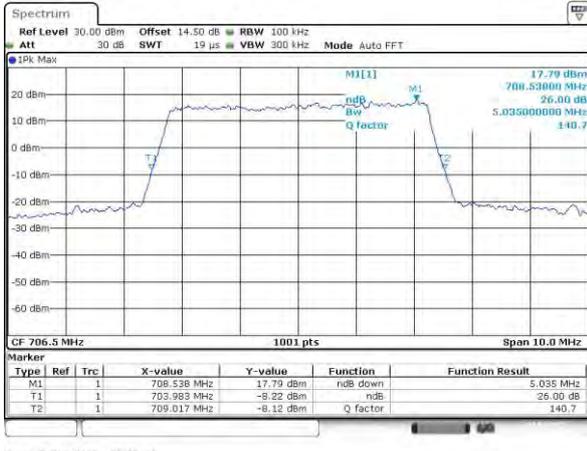
**26dB Bandwidth**

| Mode       | LTE Band 17 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| BW         |                            |       |      |       |      |       |       |       |       |       |       |       |
| Mod.       | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                          | -     | -    | -     | 5.04 | 5.02  | 9.99  | 9.97  | -     | -     | -     | -     |
| Middle CH  | -                          | -     | -    | -     | 5.04 | 5.04  | 10.03 | 9.93  | -     | -     | -     | -     |
| Highest CH | -                          | -     | -    | -     | 5.08 | 5.04  | 10.03 | 9.99  | -     | -     | -     | -     |



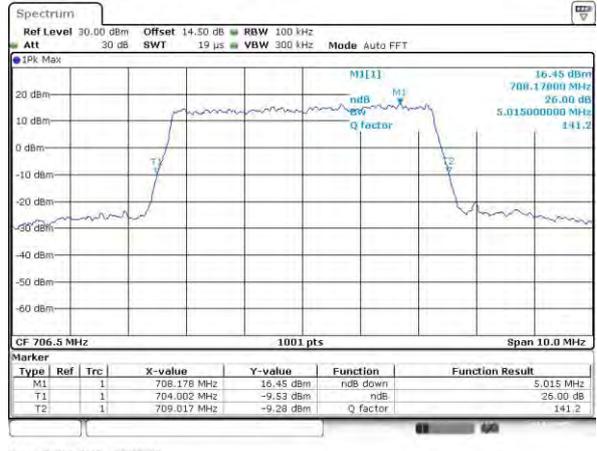
LTE Band 17

Lowest Channel / 5MHz / QPSK



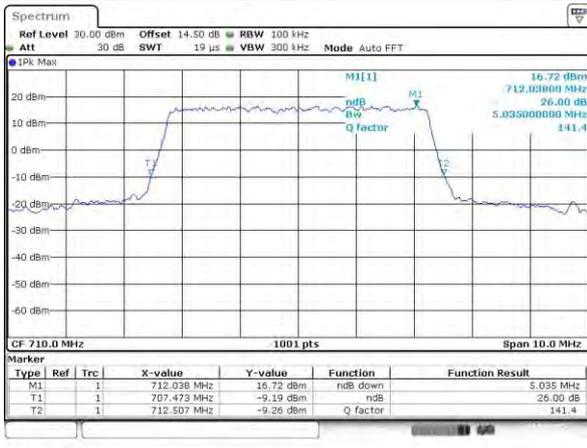
Date: 2015-03-08 10:08:00

Lowest Channel / 5MHz / 16QAM



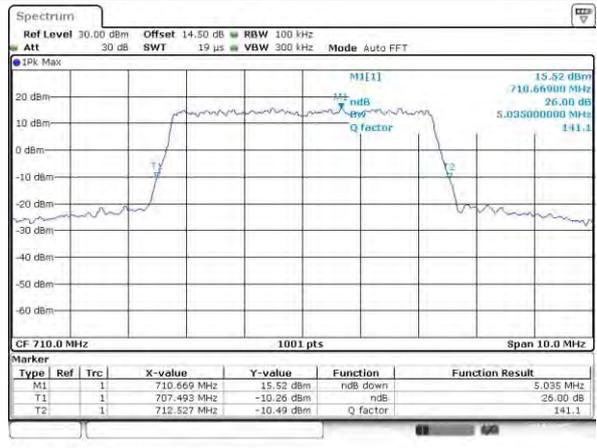
Date: 2015-03-08 10:08:12

Middle Channel / 5MHz / QPSK



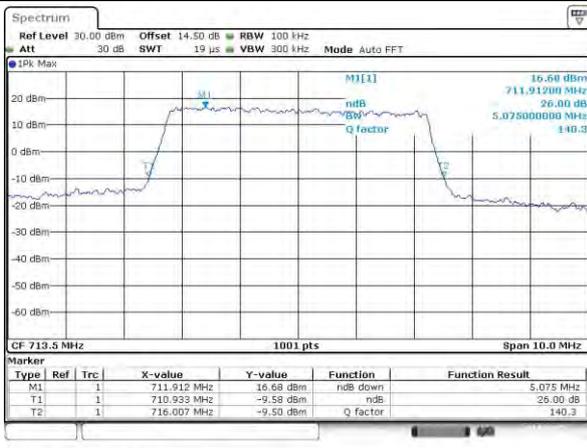
Date: 2015-03-08 10:11:25

Middle Channel / 5MHz / 16QAM



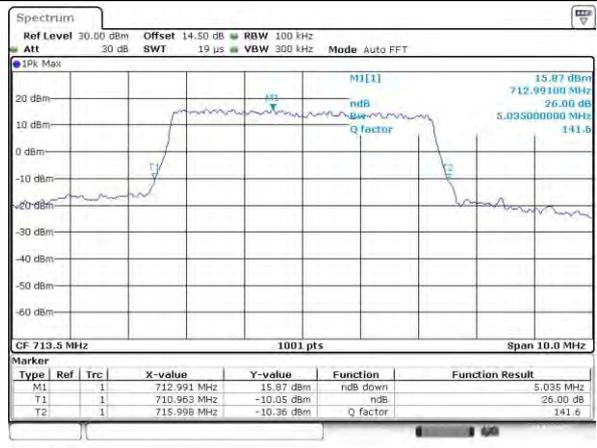
Date: 2015-03-08 10:11:37

Highest Channel / 5MHz / QPSK



Date: 2015-03-08 10:11:45

Highest Channel / 5MHz / 16QAM

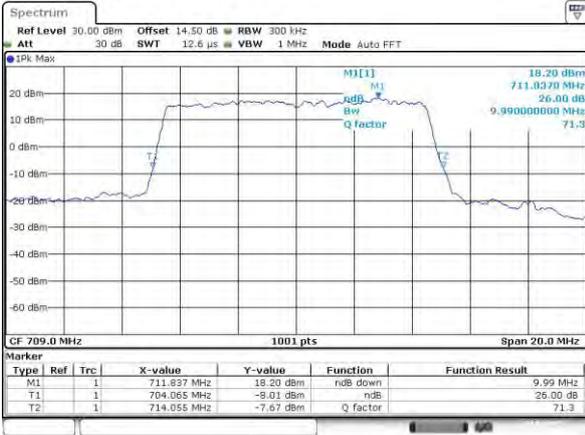


Date: 2015-03-08 10:11:53



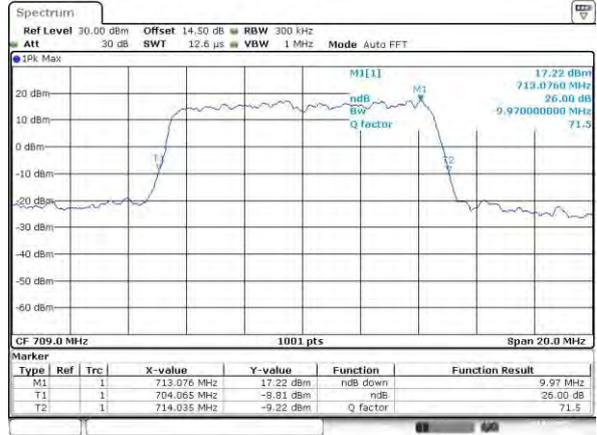
LTE Band 17

Lowest Channel / 10MHz / QPSK



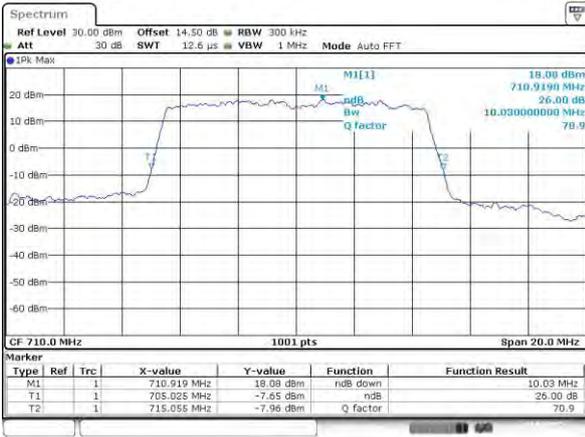
Date: 2015-05-04 10:18:16

Lowest Channel / 10MHz / 16QAM



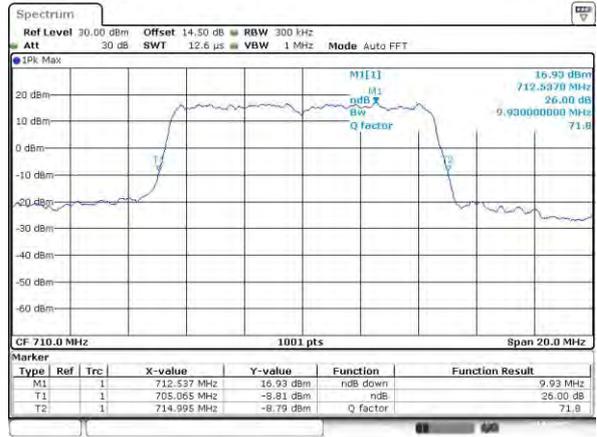
Date: 2015-05-04 10:18:28

Middle Channel / 10MHz / QPSK



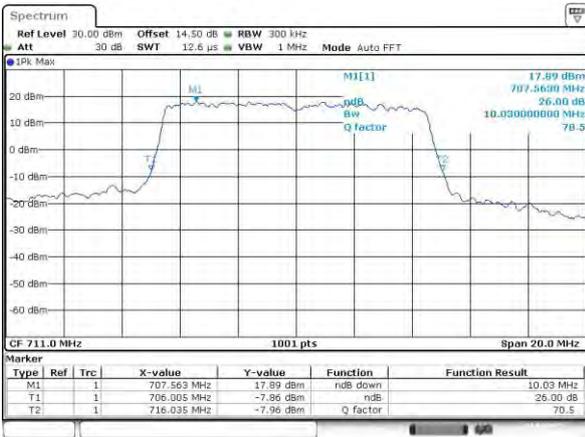
Date: 2015-05-04 10:21:41

Middle Channel / 10MHz / 16QAM



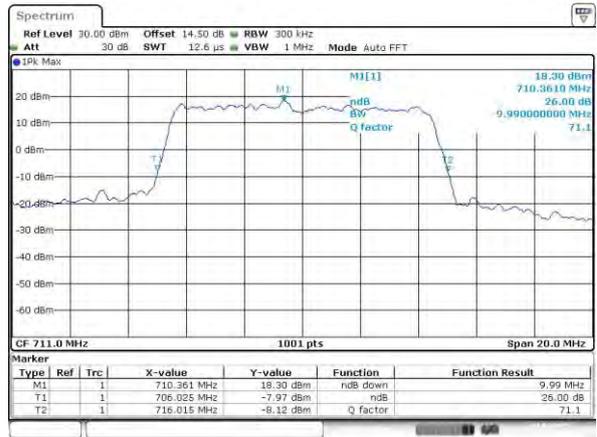
Date: 2015-05-04 10:21:53

Highest Channel / 10MHz / QPSK



Date: 2015-05-04 10:25:08

Highest Channel / 10MHz / 16QAM



Date: 2015-05-04 10:25:20



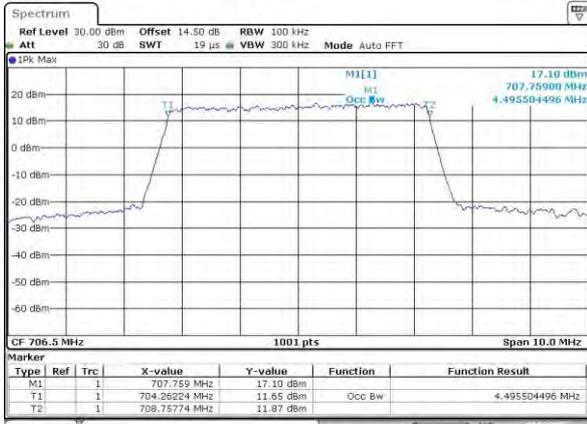
### Occupied Bandwidth

| Mode       | LTE Band 17 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| BW         | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 4.50 | 4.50  | 9.05  | 9.01  | -     | -     | -     | -     |
| Middle CH  | -                         | -     | -    | -     | 4.50 | 4.50  | 9.05  | 8.99  | -     | -     | -     | -     |
| Highest CH | -                         | -     | -    | -     | 4.52 | 4.51  | 9.01  | 8.99  | -     | -     | -     | -     |



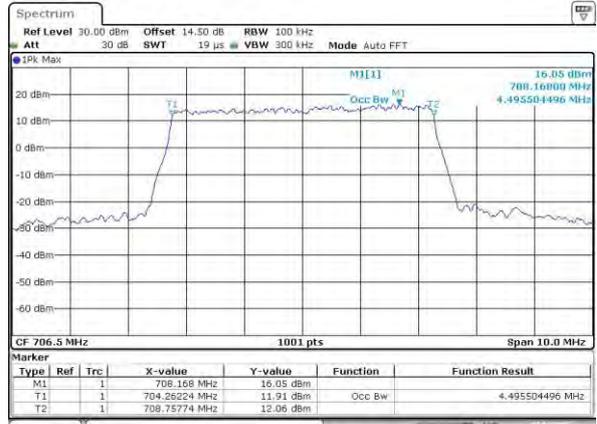
LTE Band 17

Lowest Channel / 5MHz / QPSK



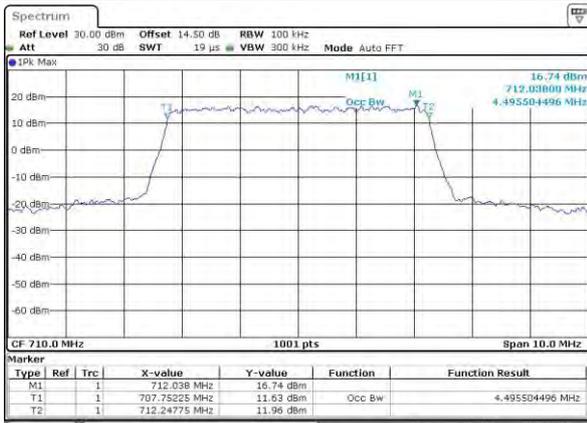
Date: 2015.05.04 10:07:38

Lowest Channel / 5MHz / 16QAM



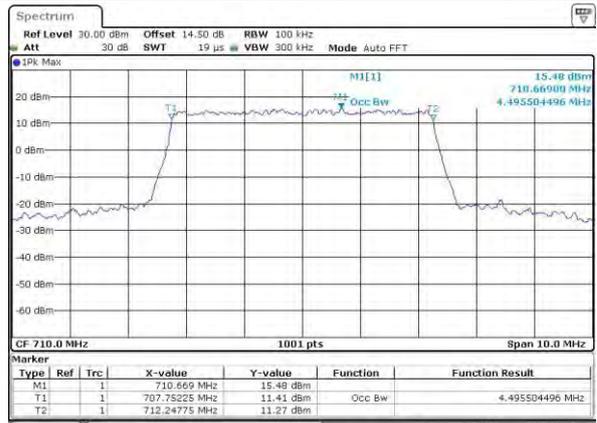
Date: 2015.05.04 10:07:48

Middle Channel / 5MHz / QPSK



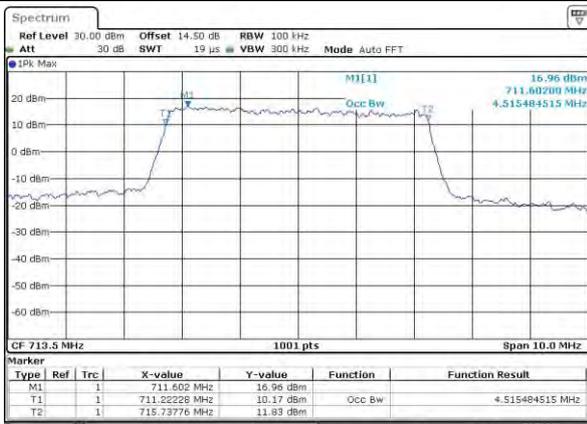
Date: 2015.05.11 10:03

Middle Channel / 5MHz / 16QAM



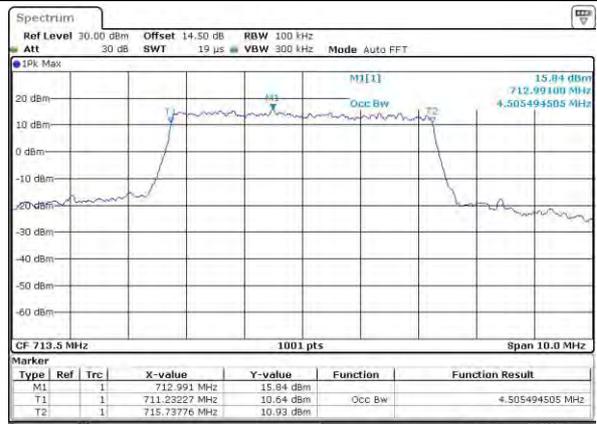
Date: 2015.05.11 10:11:33

Highest Channel / 5MHz / QPSK



Date: 2015.05.14 22:09

Highest Channel / 5MHz / 16QAM

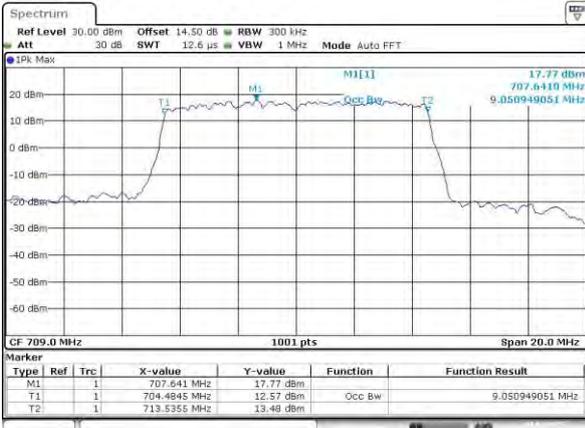


Date: 2015.05.14 23:39



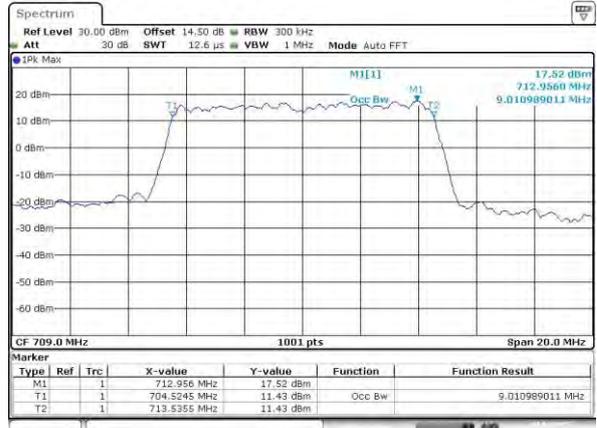
LTE Band 17

Lowest Channel / 10MHz / QPSK



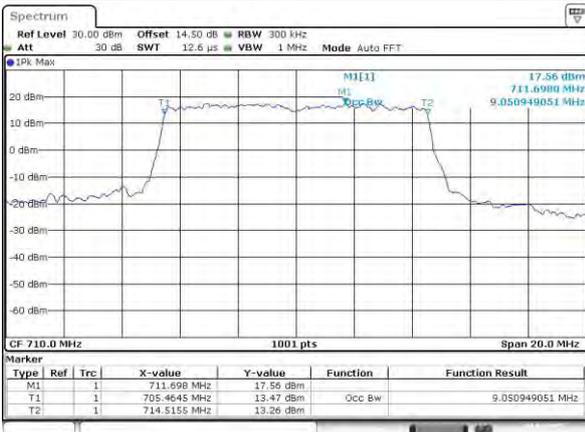
Date: 2015-05-04 10:17:54

Lowest Channel / 10MHz / 16QAM



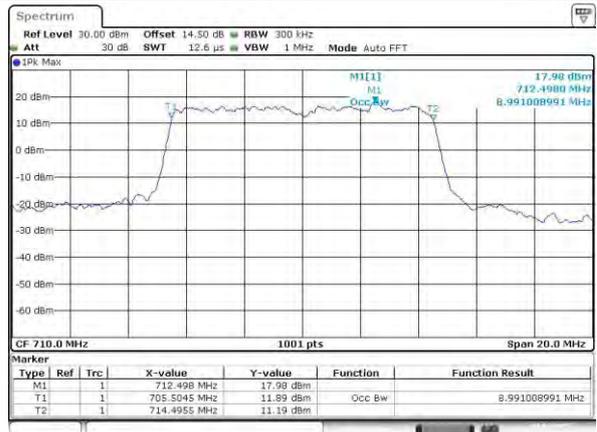
Date: 2015-05-04 10:18:04

Middle Channel / 10MHz / QPSK



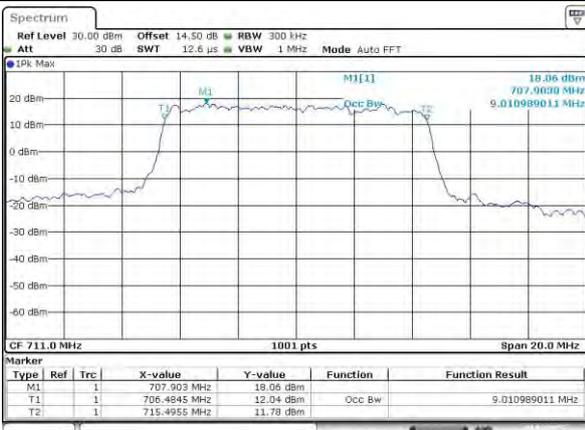
Date: 2015-05-04 10:21:10

Middle Channel / 10MHz / 16QAM



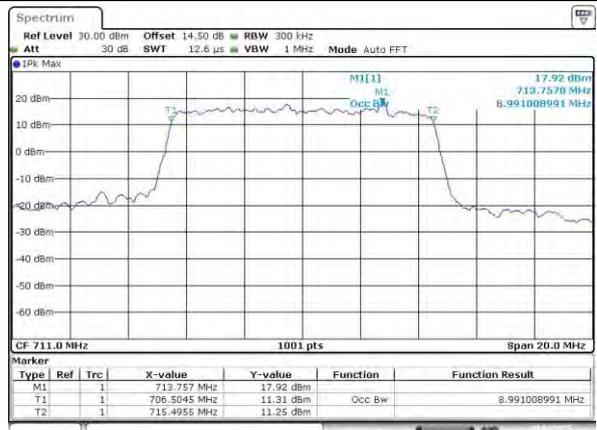
Date: 2015-05-04 10:21:20

Highest Channel / 10MHz / QPSK



Date: 2015-05-04 10:24:44

Highest Channel / 10MHz / 16QAM



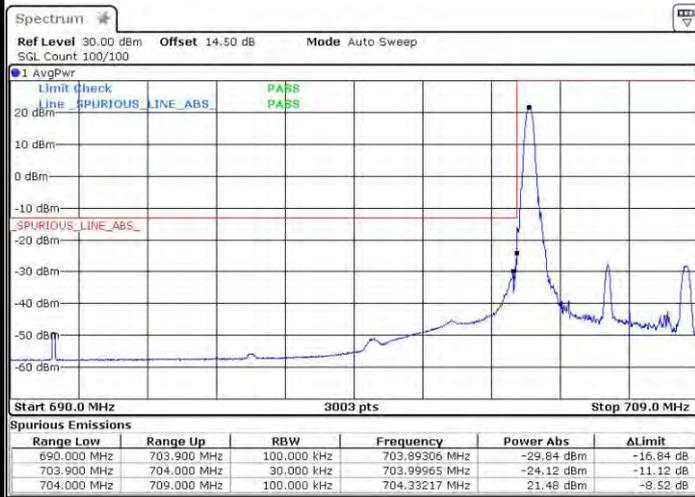
Date: 2015-05-04 10:24:54



# Conducted Band Edge

## LTE Band 17 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



Date: 2.MAR.2015 09:25:45

### Highest Band Edge / 1 RB



Date: 2.MAR.2015 09:38:01

### Lowest Band Edge / Full RB



Date: 2.MAR.2015 09:30:33

### Highest Band Edge / Full RB

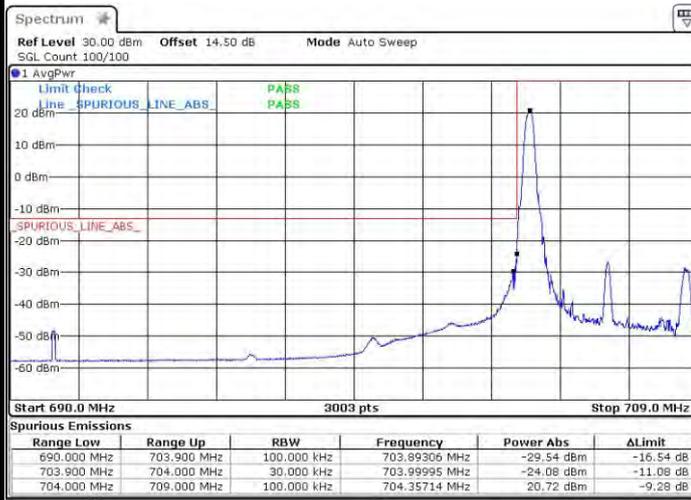


Date: 2.MAR.2015 09:31:54



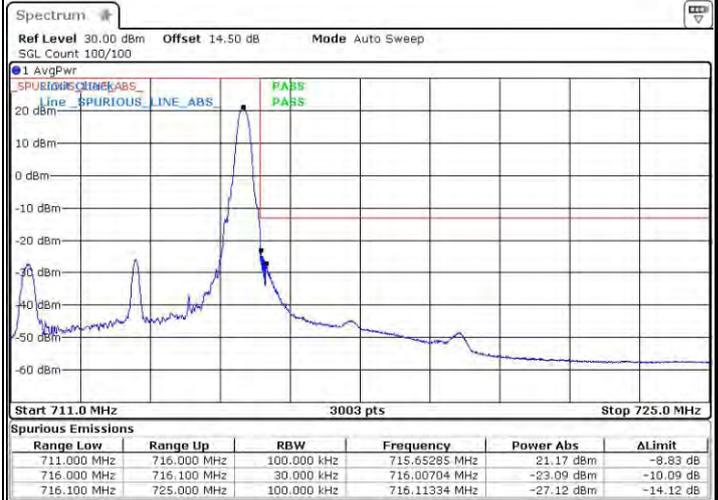
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 09:26:50

Highest Band Edge / 1 RB



Date: 2.MAR.2015 09:36:18

Lowest Band Edge / Full RB



Date: 2.MAR.2015 09:29:36

Highest Band Edge / Full RB

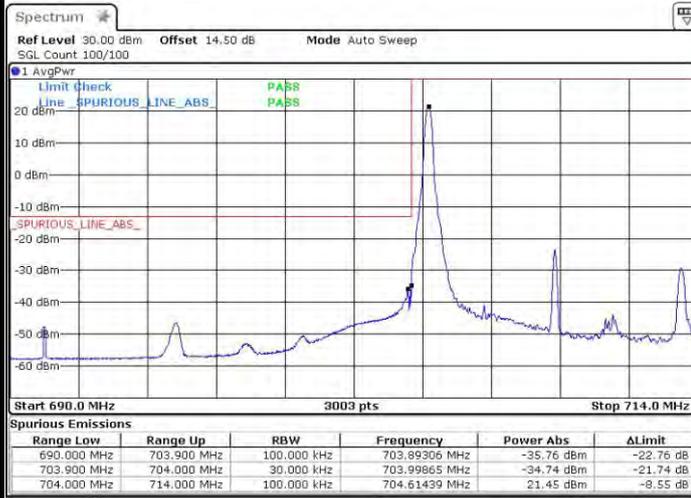


Date: 2.MAR.2015 09:34:29



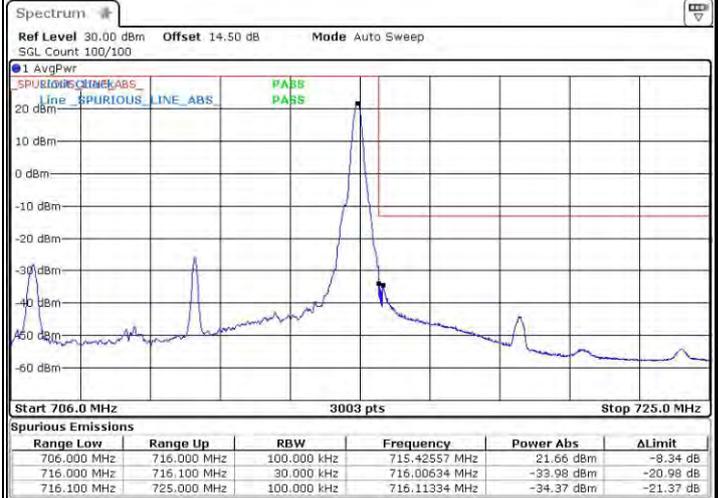
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 09:45:13

Highest Band Edge / 1 RB



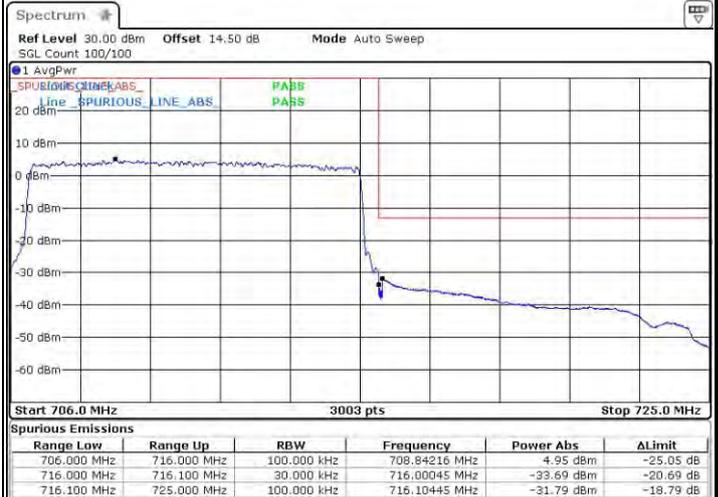
Date: 2.MAR.2015 10:05:09

Lowest Band Edge / Full RB



Date: 2.MAR.2015 09:51:59

Highest Band Edge / Full RB

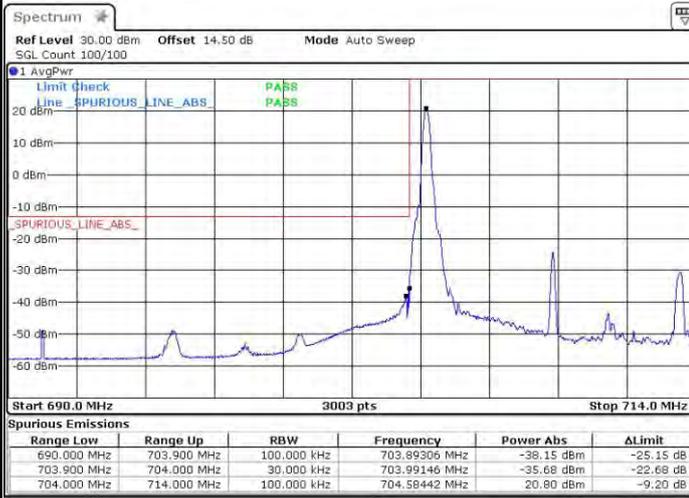


Date: 2.MAR.2015 10:06:38



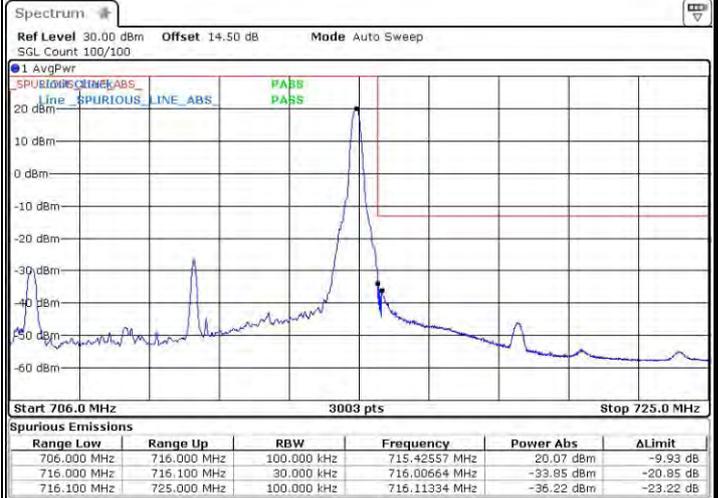
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 2.MAR.2015 09:43:05

Highest Band Edge / 1 RB



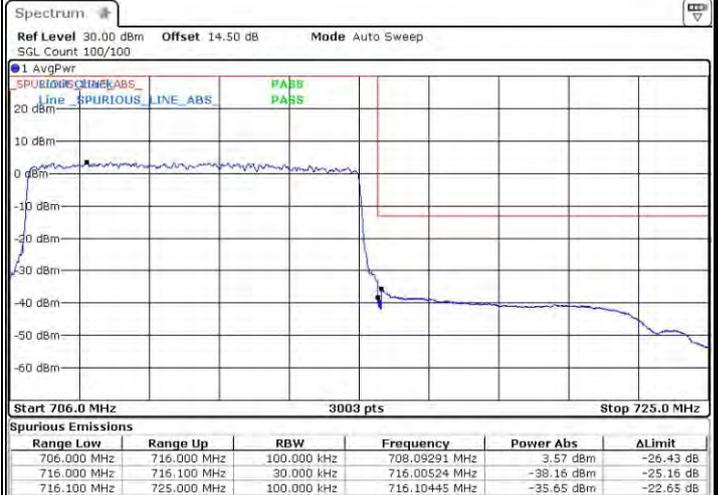
Date: 2.MAR.2015 10:04:19

Lowest Band Edge / Full RB



Date: 2.MAR.2015 09:55:19

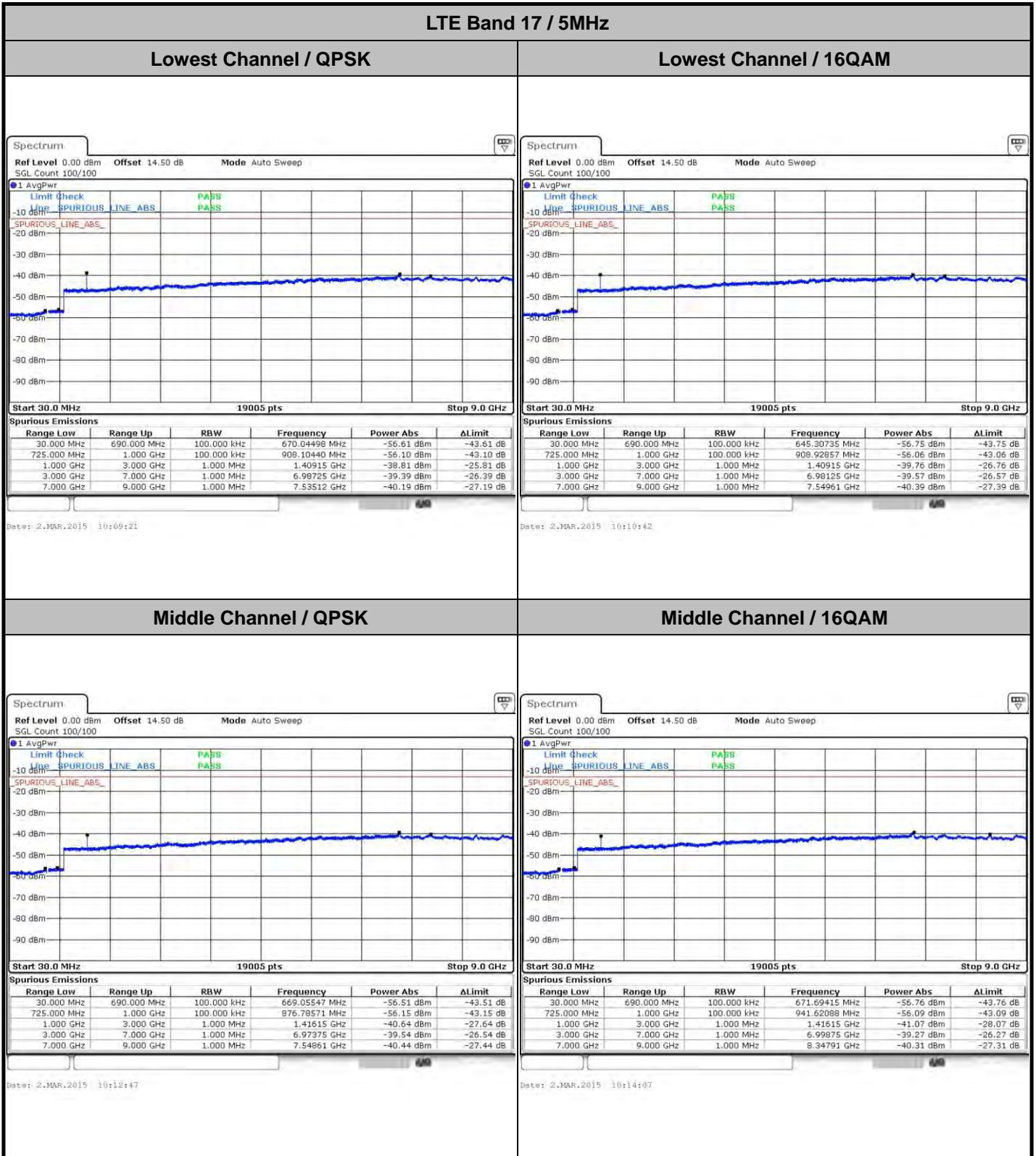
Highest Band Edge / Full RB



Date: 2.MAR.2015 10:03:17



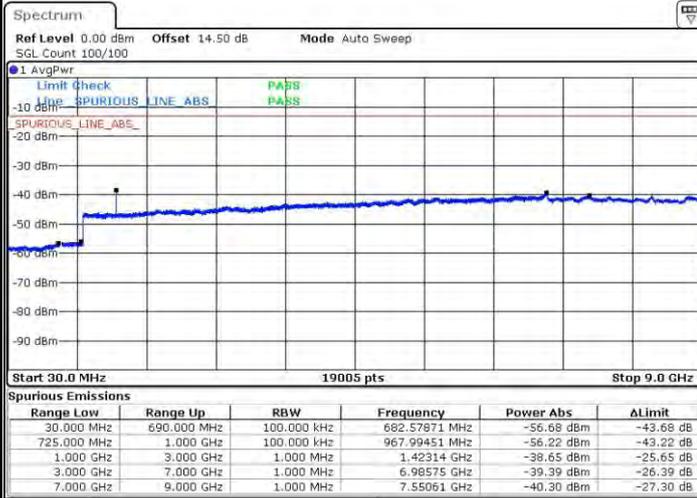
# Conducted Spurious Emission





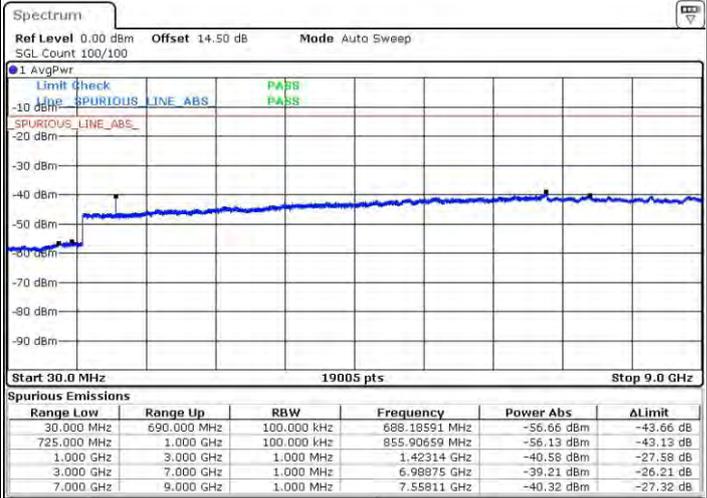
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 2.MAR.2015 10:16:12

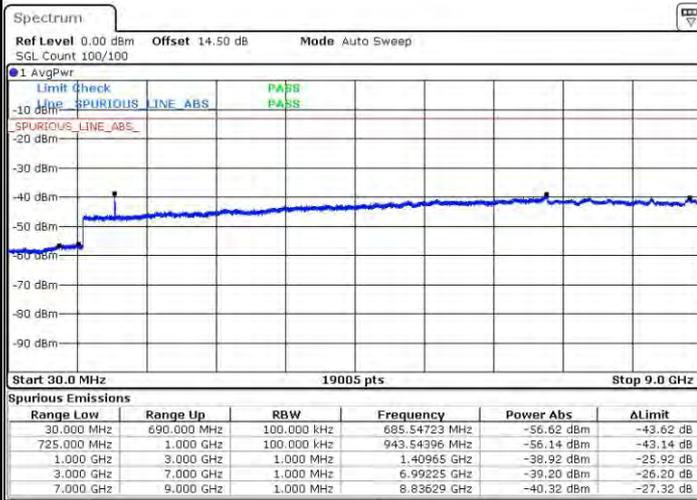
Highest Channel / 16QAM



Date: 2.MAR.2015 10:17:30

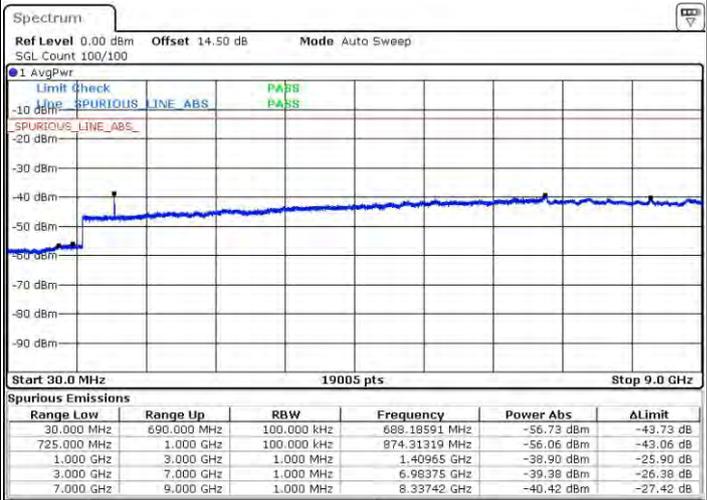
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 2.MAR.2015 10:19:37

Lowest Channel / 16QAM



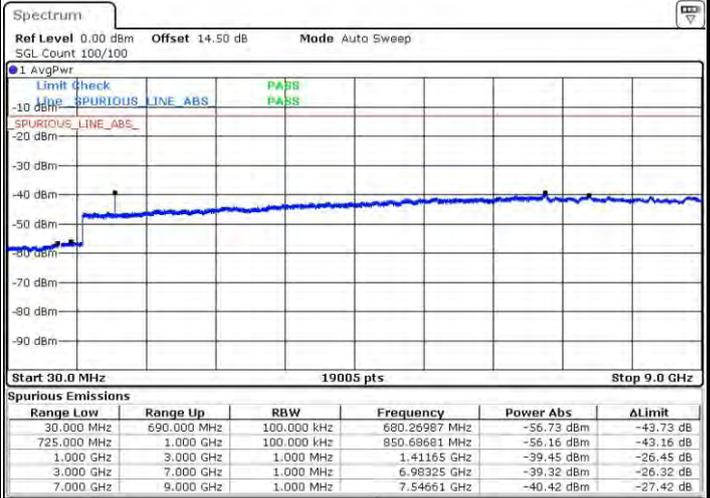
Date: 2.MAR.2015 10:20:58



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

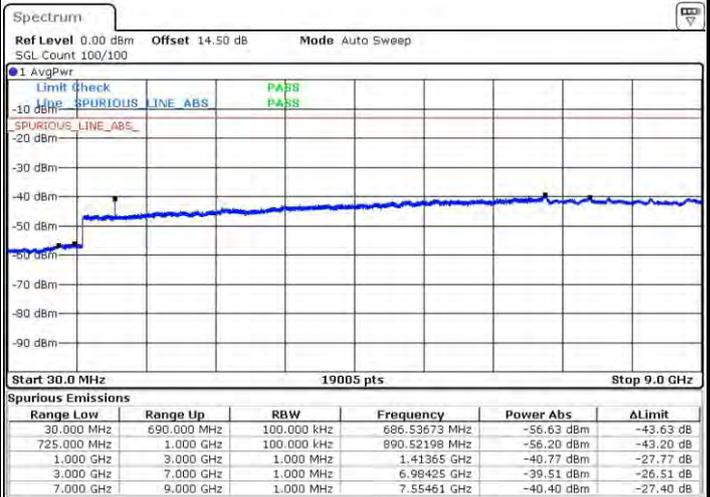
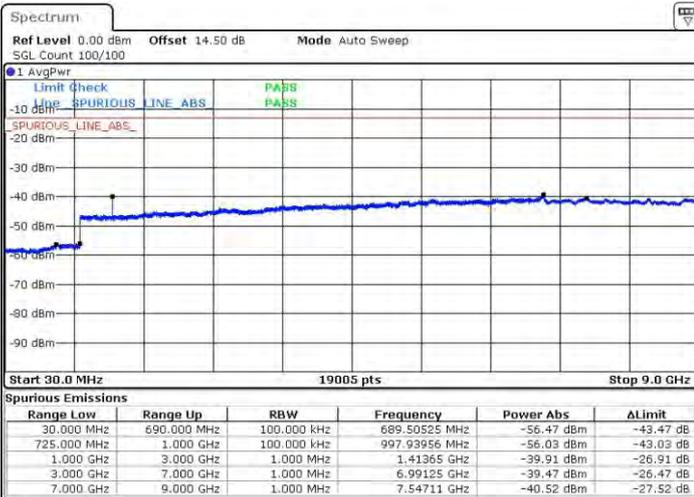


Date: 2.MAR.2015 10:23:00

Date: 2.MAR.2015 10:24:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAR.2015 10:26:29

Date: 2.MAR.2015 10:27:50



Frequency Stability

| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0008                              | PASS    |
| 40               | Normal Voltage    | 0.0004                              |         |
| 30               | Normal Voltage    | 0.0013                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0006                              |         |
| 0                | Normal Voltage    | 0.0007                              |         |
| -10              | Normal Voltage    | 0.0008                              |         |
| -20              | Normal Voltage    | 0.0013                              |         |
| -30              | Normal Voltage    | 0.0003                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0004                              |         |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

## Appendix B. Test Results of Radiated Test

### ERP/EIRP

| LTE Band 4 Radiated Power EIRP for BW 1.4MHz / QPSK |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1710.70   | -23.28    | 42.53                  | 17.10      | 0.0513   |
| 1732.50   | -22.87    | 42.93                  | 17.91      | 0.0618   |
| 1754.30   | -23.11    | 44.42                  | 19.16      | 0.0824   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1710.70   | -25.03    | 44.68                  | 17.50      | 0.0562   |
| 1732.50   | -23.52    | 43.82                  | 18.15      | 0.0653   |
| 1754.30   | -24.27    | 44.55                  | 18.13      | 0.0650   |

| LTE Band 4 Radiated Power EIRP for BW 1.4MHz / 16QAM |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                              |           |                        |            |          |
| Frequency (MHz)                                      | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1710.70  | -23.48    | 42.53                  | 16.90      | 0.0490   |
| 1732.50  | -23.34    | 42.93                  | 17.44      | 0.0555   |
| 1754.30  | -23.43    | 44.42                  | 18.84      | 0.0766   |
| Vertical Polarization                                |           |                        |            |          |
| Frequency (MHz)                                      | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1710.70  | -25.40    | 44.68                  | 17.13      | 0.0516   |
| 1732.50  | -24.08    | 43.82                  | 17.59      | 0.0574   |
| 1754.30  | -24.40    | 44.55                  | 18.00      | 0.0631   |



| LTE Band 4 Radiated Power EIRP for BW 3MHz / QPSK |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                           |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1711.50   | -22.22    | 42.4                   | 18.03      | 0.0635   |
| 1732.50   | -22.93    | 42.93                  | 17.85      | 0.0610   |
| 1753.50   | -23.60    | 44.47                  | 18.72      | 0.0745   |
| Vertical Polarization                             |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1711.50   | -23.98    | 42.86                  | 16.73      | 0.0471   |
| 1732.50   | -24.47    | 43.82                  | 17.20      | 0.0525   |
| 1753.50   | -26.12    | 44.81                  | 16.54      | 0.0451   |

| LTE Band 4 Radiated Power EIRP for BW 3MHz / 16QAM |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1711.50  | -23.34    | 42.4                   | 16.91      | 0.0491   |
| 1732.50  | -24.02    | 42.93                  | 16.76      | 0.0474   |
| 1753.50  | -25.21    | 44.47                  | 17.11      | 0.0514   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1711.50  | -24.45    | 42.86                  | 16.26      | 0.0423   |
| 1732.50  | -24.53    | 43.82                  | 17.14      | 0.0518   |
| 1753.50  | -26.51    | 44.81                  | 16.15      | 0.0412   |



| LTE Band 4 Radiated Power EIRP for BW 5MHz / QPSK |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                           |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1712.50   | -23.13    | 42.54                  | 17.26      | 0.0532   |
| 1732.50   | -23.07    | 42.94                  | 17.72      | 0.0592   |
| 1752.50   | -23.90    | 44.47                  | 18.42      | 0.0695   |
| Vertical Polarization                             |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1712.50   | -24.05    | 43.58                  | 17.38      | 0.0547   |
| 1732.50   | -23.38    | 43.83                  | 18.30      | 0.0676   |
| 1752.50   | -24.40    | 44.9                   | 18.35      | 0.0684   |

| LTE Band 4 Radiated Power EIRP for BW 5MHz / 16QAM |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1712.50  | -23.48    | 42.54                  | 16.91      | 0.0491   |
| 1732.50  | -24.12    | 42.94                  | 16.67      | 0.0465   |
| 1752.50  | -24.99    | 44.47                  | 17.33      | 0.0541   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1712.50  | -24.99    | 43.58                  | 16.44      | 0.0441   |
| 1732.50  | -24.53    | 43.83                  | 17.15      | 0.0519   |
| 1752.50  | -25.35    | 44.9                   | 17.40      | 0.0550   |



| LTE Band 4 Radiated Power EIRP for BW 10MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1715.00  | -22.13    | 42.66                  | 18.38      | 0.0689   |
| 1732.50  | -23.36    | 42.94                  | 17.43      | 0.0553   |
| 1750.00  | -24.27    | 44                     | 17.58      | 0.0573   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1715.00  | -23.94    | 44.67                  | 18.58      | 0.0721   |
| 1732.50  | -23.27    | 43.83                  | 18.41      | 0.0693   |
| 1750.00  | -24.96    | 45.03                  | 17.92      | 0.0619   |

| LTE Band 4 Radiated Power EIRP for BW 10MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1715.00   | -22.26    | 42.66                  | 18.25      | 0.0668   |
| 1732.50   | -22.82    | 42.94                  | 17.97      | 0.0627   |
| 1750.00   | -23.24    | 44                     | 18.61      | 0.0726   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1715.00   | -26.04    | 44.67                  | 16.48      | 0.0445   |
| 1732.50   | -25.01    | 43.83                  | 16.67      | 0.0465   |
| 1750.00   | -25.72    | 45.03                  | 17.16      | 0.0520   |



| LTE Band 4 Radiated Power EIRP for BW 15MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1717.50  | -23.13    | 43.01                  | 17.73      | 0.0593   |
| 1732.50  | -23.70    | 42.94                  | 17.09      | 0.0512   |
| 1747.50  | -24.60    | 43.97                  | 17.22      | 0.0527   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1717.50  | -23.70    | 44.54                  | 18.69      | 0.0740   |
| 1732.50  | -23.15    | 43.83                  | 18.53      | 0.0713   |
| 1747.50  | -24.77    | 45.28                  | 18.36      | 0.0685   |

| LTE Band 4 Radiated Power EIRP for BW 15MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1717.50   | -28.25    | 43.01                  | 12.61      | 0.0182   |
| 1732.50   | -28.27    | 42.94                  | 12.52      | 0.0179   |
| 1747.50   | -28.40    | 43.97                  | 13.42      | 0.0220   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1717.50   | -26.48    | 44.54                  | 15.91      | 0.0390   |
| 1732.50   | -26.89    | 44.77                  | 15.73      | 0.0374   |
| 1747.50   | -26.95    | 45.28                  | 16.18      | 0.0415   |



| LTE Band 4 Radiated Power EIRP for BW 20MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1720.00  | -23.01    | 43.41                  | 18.25      | 0.0668   |
| 1732.50  | -23.51    | 42.94                  | 17.28      | 0.0535   |
| 1745.00  | -24.82    | 44.36                  | 17.39      | 0.0548   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1720.00  | -24.57    | 44.42                  | 17.70      | 0.0589   |
| 1732.50  | -24.76    | 43.83                  | 16.92      | 0.0492   |
| 1745.00  | -26.04    | 45.11                  | 16.92      | 0.0492   |

| LTE Band 4 Radiated Power EIRP for BW 20MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1720.00   | -24.19    | 43.41                  | 17.07      | 0.0509   |
| 1732.50   | -24.22    | 42.94                  | 16.57      | 0.0454   |
| 1745.00   | -26.28    | 44.36                  | 15.93      | 0.0392   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 1720.00   | -26.46    | 44.42                  | 15.81      | 0.0381   |
| 1732.50   | -25.74    | 43.83                  | 15.94      | 0.0393   |
| 1745.00   | -27.01    | 45.11                  | 15.95      | 0.0394   |



| LTE Band 7 Radiated Power EIRP for BW 5MHz / QPSK |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                           |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2502.5  | -26.27    | 47.73                  | 21.46      | 0.1398   |
| 2535.0  | -26.58    | 47.55                  | 20.97      | 0.1250   |
| 2567.5  | -26.10    | 47.44                  | 21.34      | 0.1362   |
| Vertical Polarization                             |           |                        |            |          |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2502.5  | -27.68    | 47.53                  | 19.85      | 0.0967   |
| 2535.0  | -28.39    | 48.53                  | 20.14      | 0.1033   |
| 2567.5  | -27.87    | 48.46                  | 20.59      | 0.1145   |

| LTE Band 7 Radiated Power EIRP for BW 5MHz / 16QAM |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2502.5   | -28.30    | 47.73                  | 19.43      | 0.0876   |
| 2535.0   | -27.95    | 47.55                  | 19.60      | 0.0912   |
| 2567.5   | -28.38    | 47.44                  | 19.06      | 0.0806   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2502.5   | -30.64    | 47.53                  | 16.89      | 0.0489   |
| 2535.0   | -31.51    | 48.53                  | 17.02      | 0.0504   |
| 2567.5   | -31.52    | 48.46                  | 16.94      | 0.0494   |



| LTE Band 7 Radiated Power EIRP for BW 10MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2505.0   | -30.74    | 47.67                  | 16.93      | 0.0493   |
| 2535.0   | -31.21    | 47.55                  | 16.34      | 0.0431   |
| 2565.0   | -31.63    | 47.54                  | 15.91      | 0.0390   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2505.0   | -31.43    | 47.59                  | 16.16      | 0.0413   |
| 2535.0   | -33.03    | 48.53                  | 15.50      | 0.0355   |
| 2565.0   | -32.59    | 47.91                  | 15.32      | 0.0341   |

| LTE Band 7 Radiated Power EIRP for BW 10MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2505.0  | -30.08    | 47.67                  | 17.59      | 0.0573   |
| 2535.0  | -30.89    | 47.55                  | 16.66      | 0.0463   |
| 2565.0  | -31.91    | 47.54                  | 15.63      | 0.0365   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2505.0  | -31.53    | 47.59                  | 16.06      | 0.0404   |
| 2535.0  | -34.27    | 48.53                  | 14.26      | 0.0267   |
| 2565.0  | -33.82    | 47.91                  | 14.09      | 0.0257   |



| LTE Band 7 Radiated Power EIRP for BW 15MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2507.5   | -24.20    | 47.07                  | 22.87      | 0.1934   |
| 2535.0   | -24.42    | 47.55                  | 23.13      | 0.2056   |
| 2562.5   | -25.59    | 48.17                  | 22.58      | 0.1810   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2507.5   | -28.04    | 47.80                  | 19.76      | 0.0947   |
| 2535.0   | -28.26    | 48.53                  | 20.27      | 0.1064   |
| 2562.5   | -27.16    | 47.83                  | 20.67      | 0.1165   |

| LTE Band 7 Radiated Power EIRP for BW 15MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2507.5  | -26.89    | 47.07                  | 20.18      | 0.1041   |
| 2535.0  | -27.61    | 47.55                  | 19.94      | 0.0986   |
| 2562.5  | -28.42    | 48.17                  | 19.75      | 0.0943   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2507.5  | -29.91    | 47.80                  | 17.89      | 0.0616   |
| 2535.0  | -29.89    | 48.53                  | 18.64      | 0.0731   |
| 2562.5  | -29.35    | 47.83                  | 18.48      | 0.0704   |



| LTE Band 7 Radiated Power EIRP for BW 20MHz / QPSK |           |                        |            |          |
|--|-----------|------------------------|------------|----------|
| Horizontal Polarization                            |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2510.0   | -27.88    | 47.08                  | 19.20      | 0.0832   |
| 2535.0   | -27.60    | 47.55                  | 19.95      | 0.0989   |
| 2560.0   | -28.11    | 48.38                  | 20.27      | 0.1063   |
| Vertical Polarization                              |           |                        |            |          |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2510.0   | -27.72    | 47.92                  | 20.20      | 0.1047   |
| 2535.0   | -28.14    | 48.53                  | 20.39      | 0.1094   |
| 2560.0   | -28.96    | 47.22                  | 18.26      | 0.0670   |

| LTE Band 7 Radiated Power EIRP for BW 20MHz / 16QAM |           |                        |            |          |
|---|-----------|------------------------|------------|----------|
| Horizontal Polarization                             |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2510.0  | -24.31    | 47.08                  | 22.77      | 0.1893   |
| 2535.0  | -26.33    | 47.55                  | 21.22      | 0.1324   |
| 2560.0  | -25.67    | 48.38                  | 22.71      | 0.1865   |
| Vertical Polarization                               |           |                        |            |          |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | EIRP (dBm) | EIRP (W) |
| 2510.0  | -29.16    | 47.92                  | 18.76      | 0.0751   |
| 2535.0  | -29.36    | 48.53                  | 19.17      | 0.0826   |
| 2560.0  | -28.67    | 47.22                  | 18.55      | 0.0716   |



| LTE Band 17 Radiated Power ERP for BW 5MHz / QPSK |           |                        |           |         |
|---|-----------|------------------------|-----------|---------|
| Horizontal Polarization                           |           |                        |           |         |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 706.50  | -5.88     | 29.74                  | 21.71     | 0.1483  |
| 710.00  | -5.72     | 29.83                  | 21.96     | 0.1570  |
| 713.50  | -5.78     | 30.01                  | 22.08     | 0.1614  |
| Vertical Polarization                             |           |                        |           |         |
| Frequency (MHz)                                   | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 706.50  | -12.94    | 34.95                  | 19.86     | 0.0968  |
| 710.00  | -13.03    | 35.3                   | 20.12     | 0.1028  |
| 713.50  | -13.13    | 35.58                  | 20.30     | 0.1072  |

| LTE Band 17 Radiated Power ERP for BW 5MHz / 16QAM |           |                        |           |         |
|--|-----------|------------------------|-----------|---------|
| Horizontal Polarization                            |           |                        |           |         |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 706.50   | -7.97     | 29.74                  | 19.62     | 0.0916  |
| 710.00   | -7.66     | 29.83                  | 20.02     | 0.1005  |
| 713.50   | -7.50     | 30.01                  | 20.36     | 0.1086  |
| Vertical Polarization                              |           |                        |           |         |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 706.50   | -13.88    | 34.95                  | 18.92     | 0.0780  |
| 710.00   | -13.38    | 35.3                   | 19.77     | 0.0948  |
| 713.50   | -13.45    | 35.58                  | 19.98     | 0.0995  |



| LTE Band 17 Radiated Power ERP for BW 10MHz / QPSK |           |                        |           |         |
|--|-----------|------------------------|-----------|---------|
| Horizontal Polarization                            |           |                        |           |         |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 709.00   | -7.18     | 29.78                  | 20.45     | 0.1109  |
| 710.00   | -7.06     | 29.83                  | 20.62     | 0.1153  |
| 711.00   | -6.96     | 29.87                  | 20.76     | 0.1191  |
| Vertical Polarization                              |           |                        |           |         |
| Frequency (MHz)                                    | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 709.00   | -13.83    | 35.14                  | 19.16     | 0.0824  |
| 710.00   | -13.91    | 35.3                   | 19.24     | 0.0839  |
| 711.00   | -13.65    | 34.26                  | 18.46     | 0.0701  |

| LTE Band 17 Radiated Power ERP for BW 10MHz / 16QAM |           |                        |           |         |
|---|-----------|------------------------|-----------|---------|
| Horizontal Polarization                             |           |                        |           |         |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 709.00  | -7.60     | 29.78                  | 20.03     | 0.1007  |
| 710.00  | -7.30     | 29.83                  | 20.38     | 0.1091  |
| 711.00  | -7.06     | 29.87                  | 20.66     | 0.1164  |
| Vertical Polarization                               |           |                        |           |         |
| Frequency (MHz)                                     | LVL (dBm) | Correction Factor (dB) | ERP (dBm) | ERP (W) |
| 709.00  | -14.60    | 35.14                  | 18.39     | 0.0690  |
| 710.00  | -14.39    | 35.3                   | 18.76     | 0.0752  |
| 711.00  | -14.44    | 34.26                  | 17.67     | 0.0585  |



### Radiated Spurious Emission

| <b>Band :</b>          | LTE Band 4 for CH19957  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.32                | -43.72  | -13                        | -30.72                  | -70.35                    | -55.51                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5130.48                | -40.62  | -13                        | -27.62                  | -70.14                    | -52.37                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6840.64                | -44.32  | -13                        | -31.32                  | -74.72                    | -54.89                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH19957  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.32                | -49.30  | -13                        | -36.30                  | -71.58                    | -61.09                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5130.48                | -36.67  | -13                        | -23.67                  | -67.48                    | -48.42                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6840.64                | -43.27  | -13                        | -30.27                  | -75.08                    | -53.84                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3463.74                | -45.01  | -13              | -32.01                     | -71.64                    | -56.80                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5195.61                | -40.65  | -13              | -27.65                     | -70.17                    | -52.40                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6927.48                | -44.38  | -13              | -31.38                     | -74.78                    | -54.95                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3463.74                | -49.44  | -13              | -36.44                     | -71.72                    | -61.23                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5195.61                | -48.05  | -13              | -35.05                     | -72.58                    | -59.80                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6927.48                | -42.88  | -13              | -29.88                     | -74.69                    | -53.45                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20393  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3507.52                | -44.91  | -13                        | -31.91                  | -71.54                    | -56.70                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5261.28                | -42.91  | -13                        | -29.91                  | -72.43                    | -54.66                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7015.04                | -45.15  | -13                        | -32.15                  | -75.55                    | -55.72                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20393  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 1.4MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3507.52                | -48.95  | -13                        | -35.95                  | -71.23                    | -60.74                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5261.28                | -48.23  | -13                        | -35.23                  | -72.76                    | -59.98                   | 0.95                       | 12.7                          | V                       | Pass   |
| 7015.04                | -43.17  | -13                        | -30.17                  | -74.98                    | -53.74                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH19965  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.48                | -44.31  | -13              | -31.31                     | -70.94                    | -56.10                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5130.72                | -38.18  | -13              | -25.18                     | -67.70                    | -49.93                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6840.96                | -44.59  | -13              | -31.59                     | -74.99                    | -55.16                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH19965  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.48                | -49.29  | -13              | -36.29                     | -71.57                    | -61.08                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5130.72                | -36.13  | -13              | -23.13                     | -67.07                    | -47.88                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6840.96                | -42.63  | -13              | -29.63                     | -74.44                    | -53.20                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3462.3                 | -44.50  | -13              | -31.50                     | -71.13                    | -56.29                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5193.45                | -39.71  | -13              | -26.71                     | -69.23                    | -51.46                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6924.6                 | -43.24  | -13              | -30.24                     | -73.64                    | -53.81                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3462.3                 | -48.63  | -13              | -35.63                     | -70.91                    | -60.42                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5193.45                | -47.69  | -13              | -34.69                     | -72.22                    | -59.44                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6924.6                 | -43.23  | -13              | -30.23                     | -75.04                    | -53.80                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20385  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3504.48                | -44.23  | -13              | -31.23                     | -70.86                    | -56.02                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5256.72                | -43.58  | -13              | -30.58                     | -73.10                    | -55.33                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7008.96                | -44.60  | -13              | -31.60                     | -75.00                    | -55.17                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20385  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 3MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3504.48                | -49.10  | -13              | -36.10                     | -71.38                    | -60.89                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5256.72                | -47.54  | -13              | -34.54                     | -72.07                    | -59.29                   | 0.95                       | 12.7                          | V                       | Pass   |
| 7008.96                | -43.83  | -13              | -30.83                     | -75.64                    | -54.40                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH19975  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.68                | -44.26  | -13              | -31.26                     | -70.89                    | -56.05                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5131.02                | -40.33  | -13              | -27.33                     | -69.85                    | -52.08                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6841.36                | -43.80  | -13              | -30.80                     | -74.20                    | -54.37                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH19975  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3420.68                | -49.13  | -13              | -36.13                     | -71.41                    | -60.92                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5131.02                | -48.26  | -13              | -35.26                     | -72.79                    | -60.01                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6841.36                | -42.91  | -13              | -29.91                     | -74.72                    | -53.48                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3462.3                 | -44.11  | -13              | -31.11                     | -70.74                    | -55.90                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5193.45                | -35.45  | -13              | -22.45                     | -66.06                    | -47.20                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6924.6                 | -44.46  | -13              | -31.46                     | -74.86                    | -55.03                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3462.3                 | -49.07  | -13              | -36.07                     | -71.35                    | -60.86                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5193.45                | -39.28  | -13              | -26.28                     | -68.7                     | -51.03                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6924.6                 | -42.15  | -13              | -29.15                     | -73.96                    | -52.72                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20375  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3500.68                | -43.85  | -13                        | -30.85                  | -70.48                    | -55.64                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5251.02                | -39.43  | -13                        | -26.43                  | -68.95                    | -51.18                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7001.36                | -41.55  | -13                        | -28.55                  | -71.95                    | -52.12                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20375  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3500.68                | -48.99  | -13                        | -35.99                  | -71.27                    | -60.78                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5251.02                | -47.22  | -13                        | -34.22                  | -71.75                    | -58.97                   | 0.95                       | 12.7                          | V                       | Pass   |
| 7001.36                | -41.84  | -13                        | -28.84                  | -73.65                    | -52.41                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20000  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3421.18                | -41.07  | -13              | -28.07                     | -67.70                    | -52.86                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5131.77                | -29.40  | -13              | -16.40                     | -62.46                    | -41.15                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6842.36                | -42.29  | -13              | -29.29                     | -72.69                    | -52.86                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20000  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3421.18                | -45.94  | -13              | -32.94                     | -68.65                    | -57.73                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5131.77                | -40.89  | -13              | -27.89                     | -69.75                    | -52.64                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6842.36                | -39.34  | -13              | -26.34                     | -71.67                    | -49.91                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3456.18                | -42.34  | -13                        | -29.34                  | -68.97                    | -54.13                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5184.27                | -39.42  | -13                        | -26.42                  | -68.94                    | -51.17                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6912.36                | -43.42  | -13                        | -30.42                  | -73.82                    | -53.99                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3456.18                | -47.42  | -13                        | -34.42                  | -69.7                     | -59.21                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5184.27                | -43.00  | -13                        | -30.00                  | -69.74                    | -54.75                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6912.36                | -42.27  | -13                        | -29.27                  | -74.08                    | -52.84                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20350  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3491.18                | -42.78  | -13                        | -29.78                  | -69.41                    | -54.57                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5236.77                | -38.29  | -13                        | -25.29                  | -67.81                    | -50.04                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6982.36                | -44.44  | -13                        | -31.44                  | -74.84                    | -55.01                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20350  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3491.18                | -47.37  | -13                        | -34.37                  | -69.65                    | -59.16                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5236.77                | -47.50  | -13                        | -34.50                  | -72.03                    | -59.25                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6982.36                | -41.86  | -13                        | -28.86                  | -73.67                    | -52.43                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20025  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3421.68                | -44.79  | -13              | -31.79                     | -71.42                    | -56.58                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5132.52                | -41.46  | -13              | -28.46                     | -70.98                    | -53.21                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6843.36                | -44.66  | -13              | -31.66                     | -75.06                    | -55.23                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20025  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3421.68                | -48.96  | -13              | -35.96                     | -71.24                    | -60.75                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5132.52                | -39.50  | -13              | -26.50                     | -68.76                    | -51.25                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6843.36                | -42.85  | -13              | -29.85                     | -74.66                    | -53.42                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3451.68                | -43.56  | -13                        | -30.56                  | -70.19                    | -55.35                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5177.52                | -35.69  | -13                        | -22.69                  | -66.26                    | -47.44                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6903.36                | -43.55  | -13                        | -30.55                  | -73.95                    | -54.12                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3451.68                | -48.94  | -13                        | -35.94                  | -71.22                    | -60.73                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5177.52                | -39.42  | -13                        | -26.42                  | -68.74                    | -51.17                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6903.36                | -40.72  | -13                        | -27.72                  | -72.53                    | -51.29                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20325  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3481.68                | -41.41  | -13              | -28.41                     | -68.04                    | -53.20                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5222.52                | -33.28  | -13              | -20.28                     | -64.90                    | -45.03                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6963.36                | -43.85  | -13              | -30.85                     | -74.25                    | -54.42                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20325  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3481.68                | -49.27  | -13              | -36.27                     | -71.55                    | -61.06                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5222.52                | -36.96  | -13              | -23.96                     | -67.7                     | -48.71                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6963.36                | -41.56  | -13              | -28.56                     | -73.37                    | -52.13                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20050  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3422                   | -45.52  | -13              | -32.52                     | -72.15                    | -57.31                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5133                   | -43.68  | -13              | -30.68                     | -73.20                    | -55.43                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6844                   | -45.08  | -13              | -32.08                     | -75.48                    | -55.65                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20050  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3422                   | -49.33  | -13              | -36.33                     | -71.61                    | -61.12                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5133                   | -49.43  | -13              | -36.43                     | -73.96                    | -61.18                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6844                   | -44.30  | -13              | -31.30                     | -76.11                    | -54.87                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3447.18                | -44.86  | -13              | -31.86                     | -71.49                    | -56.65                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5170.77                | -37.35  | -13              | -24.35                     | -67.39                    | -49.10                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6894.36                | -44.29  | -13              | -31.29                     | -74.69                    | -54.86                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20175  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3447.18                | -48.97  | -13              | -35.97                     | -71.25                    | -60.76                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5170.77                | -40.69  | -13              | -27.69                     | -69.56                    | -52.44                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6894.36                | -42.72  | -13              | -29.72                     | -74.53                    | -53.29                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 4 for CH20300  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3472.18                | -44.65  | -13              | -31.65                     | -71.28                    | -56.44                   | 0.81                       | 12.60                         | H                       | Pass   |
| 5208.27                | -40.93  | -13              | -27.93                     | -70.45                    | -52.68                   | 0.95                       | 12.70                         | H                       | Pass   |
| 6944.36                | -44.85  | -13              | -31.85                     | -75.25                    | -55.42                   | 1.13                       | 11.70                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 4 for CH20300  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 3472.18                | -47.98  | -13              | -34.98                     | -70.26                    | -59.77                   | 0.81                       | 12.6                          | V                       | Pass   |
| 5208.27                | -40.92  | -13              | -27.92                     | -69.78                    | -52.67                   | 0.95                       | 12.7                          | V                       | Pass   |
| 6944.36                | -43.54  | -13              | -30.54                     | -75.35                    | -54.11                   | 1.13                       | 11.7                          | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH20775  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5000.68                | -36.46  | -25              | -11.46                     | -70.43                    | -48.21                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7501.02                | -32.00  | -25              | -7.00                      | -69.35                    | -42.24                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10001.36               | -37.92  | -25              | -12.92                     | -76.39                    | -48.71                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH20775  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5000.68                | -36.91  | -25              | -11.91                     | -71.17                    | -48.66                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7501.02                | -35.41  | -25              | -10.41                     | -72.29                    | -45.65                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10001.36               | -39.46  | -25              | -14.46                     | -76.36                    | -50.25                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5065.68                | -36.60  | -25.00           | -11.60                     | -70.51                    | -48.35                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7598.52                | -31.94  | -25.00           | -6.94                      | -69.29                    | -42.18                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10131.36               | -37.28  | -25.00           | -12.28                     | -75.75                    | -48.07                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5065.68                | -40.68  | -25.00           | -15.68                     | -71.82                    | -52.43                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7598.52                | -35.97  | -25.00           | -10.97                     | -72.85                    | -46.21                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10131.36               | -39.43  | -25.00           | -14.43                     | -76.33                    | -50.22                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21425  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5130.68                | -35.20  | -25              | -10.20                     | -69.43                    | -46.95                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7696.02                | -32.82  | -25              | -7.82                      | -69.16                    | -42.66                   | 1.46                       | 11.30                         | H                       | Pass   |
| 10261.36               | -37.43  | -25              | -12.43                     | -75.90                    | -48.22                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21425  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5130.68                | -34.65  | -25              | -9.65                      | -69.41                    | -46.40                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7696.02                | -36.95  | -25              | -11.95                     | -72.83                    | -46.79                   | 1.46                       | 11.30                         | V                       | Pass   |
| 10261.36               | -40.45  | -25              | -15.45                     | -77.01                    | -51.24                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH20800  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5001.18                | -35.45  | -25.00           | -10.45                     | -69.66                    | -47.20                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7501.77                | -32.16  | -25.00           | -7.16                      | -69.43                    | -42.40                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10002.36               | -37.55  | -25.00           | -12.55                     | -76.02                    | -48.34                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH20800  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5001.18                | -38.27  | -25.00           | -13.27                     | -71.67                    | -50.02                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7501.77                | -36.92  | -25.00           | -11.92                     | -73.80                    | -47.16                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10002.36               | -39.95  | -25.00           | -14.95                     | -76.85                    | -50.74                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5061.18                | -34.08  | -25.00           | -9.08                      | -68.59                    | -45.83                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7591.77                | -27.51  | -25.00           | -2.51                      | -66.03                    | -37.75                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10122.36               | -37.48  | -25.00           | -12.48                     | -75.95                    | -48.27                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5061.18                | -38.44  | -25.00           | -13.44                     | -71.83                    | -50.19                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7591.77                | -35.05  | -25.00           | -10.05                     | -71.93                    | -45.29                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10122.36               | -39.80  | -25.00           | -14.80                     | -76.70                    | -50.59                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21400  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5138.60                | -33.49  | -25.00                     | -8.49                   | -67.95                    | -45.24                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7707.90                | -32.79  | -25.00                     | -7.79                   | -69.12                    | -42.63                   | 1.46                       | 11.30                         | H                       | Pass   |
| 10277.20               | -38.20  | -25.00                     | -13.20                  | -76.67                    | -48.99                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21400  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5138.60                | -36.33  | -25.00                     | -11.33                  | -70.49                    | -48.08                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7707.90                | -37.63  | -25.00                     | -12.63                  | -73.51                    | -47.47                   | 1.46                       | 11.30                         | V                       | Pass   |
| 10277.20               | -40.32  | -25.00                     | -15.32                  | -76.88                    | -51.11                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH20825  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5001.68                | -35.17  | -25              | -10.17                     | -69.40                    | -46.92                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7502.52                | -28.85  | -25              | -3.85                      | -66.38                    | -38.69                   | 1.46                       | 11.30                         | H                       | Pass   |
| 10003.36               | -37.30  | -25              | -12.30                     | -75.77                    | -48.09                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH20825  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5001.68                | -36.75  | -25              | -11.75                     | -70.98                    | -48.50                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7502.52                | -36.01  | -25              | -11.01                     | -71.89                    | -45.85                   | 1.46                       | 11.30                         | V                       | Pass   |
| 10003.36               | -39.80  | -25              | -14.80                     | -76.36                    | -50.59                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21100  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5056.68                | -38.27  | -25.00                     | -13.27                  | -71.23                    | -50.02                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7585.02                | -33.89  | -25.00                     | -8.89                   | -70.77                    | -44.13                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10131.36               | -38.41  | -25.00                     | -13.41                  | -76.88                    | -49.20                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21100  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5056.68                | -40.09  | -25.00                     | -15.09                  | -73.16                    | -51.84                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7585.02                | -37.21  | -25.00                     | -12.21                  | -74.09                    | -47.45                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10131.36               | -39.48  | -25.00                     | -14.48                  | -76.38                    | -50.27                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21375  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5111.68                | -36.79  | -25              | -11.79                     | -70.62                    | -48.54                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7667.52                | -33.26  | -25              | -8.26                      | -69.48                    | -43.10                   | 1.46                       | 11.30                         | H                       | Pass   |
| 10223.36               | -38.19  | -25              | -13.19                     | -76.66                    | -48.98                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21375  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 15MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5111.68                | -38.25  | -25              | -13.25                     | -71.65                    | -50.00                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7667.52                | -35.75  | -25              | -10.75                     | -71.67                    | -45.59                   | 1.46                       | 11.30                         | V                       | Pass   |
| 10223.36               | -40.54  | -25              | -15.54                     | -77.1                     | -51.33                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH20850  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5002.18                | -35.37  | -25              | -10.37                     | -69.58                    | -47.12                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7503.27                | -28.97  | -25              | -3.97                      | -67.09                    | -39.21                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10004.36               | -36.06  | -25              | -11.06                     | -74.53                    | -46.85                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH20850  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5002.18                | -38.24  | -25              | -13.24                     | -71.64                    | -49.99                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7503.27                | -30.88  | -25              | -5.88                      | -68.82                    | -41.12                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10004.36               | -39.93  | -25              | -14.93                     | -76.83                    | -50.72                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5052.18                | -38.41  | -25.00           | -13.41                     | -71.38                    | -50.16                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7578.27                | -32.20  | -25.00           | -7.20                      | -69.45                    | -42.44                   | 1.46                       | 11.70                         | H                       | Pass   |
| 10104.36               | -36.78  | -25.00           | -11.78                     | -75.25                    | -47.57                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21100  |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5052.18                | -39.22  | -25.00           | -14.22                     | -72.52                    | -50.97                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7578.27                | -35.88  | -25.00           | -10.88                     | -72.76                    | -46.12                   | 1.46                       | 11.70                         | V                       | Pass   |
| 10104.36               | -39.68  | -25.00           | -14.68                     | -76.58                    | -50.47                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 7 for CH21350  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5102.18                | -38.50  | -25                        | -13.50                  | -71.47                    | -50.25                   | 0.95                       | 12.70                         | H                       | Pass   |
| 7653.27                | -33.08  | -25                        | -8.08                   | -69.39                    | -42.92                   | 1.46                       | 11.30                         | H                       | Pass   |
| 10204.36               | -37.45  | -25                        | -12.45                  | -75.92                    | -48.24                   | 1.31                       | 12.10                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 7 for CH21350  | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 20MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | EIRP<br>( dBm )   | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 5102.18                | -27.62  | -25                        | -2.62                   | -72.6                     | -39.37                   | 0.95                       | 12.70                         | V                       | Pass   |
| 7653.27                | -37.48  | -25                        | -12.48                  | -73.36                    | -47.32                   | 1.46                       | 11.30                         | V                       | Pass   |
| 10204.36               | -40.21  | -25                        | -15.21                  | -76.77                    | -51.00                   | 1.31                       | 12.10                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23755   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1408.68                | -48.14  | -13                        | -35.14                  | -63.50                    | -54.82                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2113.02                | -46.66  | -13                        | -33.66                  | -68.34                    | -54.36                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2817.36                | -42.81  | -13                        | -29.81                  | -69.48                    | -52.39                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23755   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1408.68                | -47.63  | -13                        | -34.63                  | -63.93                    | -54.31                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2113.02                | -43.75  | -13                        | -30.75                  | -68.85                    | -51.45                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2817.36                | -40.07  | -13                        | -27.07                  | -70.10                    | -49.65                   | 0.87                       | 12.60                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23790   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1415.68                | -49.29  | -13                        | -36.29                  | -64.33                    | -55.97                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2123.58                | -46.36  | -13                        | -33.36                  | -68.17                    | -54.06                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2831.36                | -44.29  | -13                        | -31.29                  | -70.22                    | -53.87                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23790   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1415.68                | -49.14  | -13                        | -36.14                  | -65.26                    | -55.82                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2123.58                | -43.90  | -13                        | -30.90                  | -69.00                    | -51.60                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2831.36                | -40.21  | -13                        | -27.21                  | -70.23                    | -49.79                   | 0.87                       | 12.60                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23825   |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Horizontal                |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1422.68                | -47.52  | -13              | -34.52                     | -63.13                    | -54.20                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2134.02                | -47.31  | -13              | -34.31                     | -68.81                    | -55.01                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2845.36                | -42.51  | -13              | -29.51                     | -69.34                    | -52.09                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23825   |                  | <b>Temperature :</b>       | 23~25°C                   |                          |                            |                               |                         |        |
|------------------------|---|------------------|----------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 5MHz QPSK RB Size 1 Offset 0  |                  | <b>Relative Humidity :</b> | 48~52%                    |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   |                  | <b>Polarization :</b>      | Vertical                  |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                  |                            |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm ) | Over<br>Limit<br>( dB )    | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1422.68                | -47.37  | -13              | -34.37                     | -63.72                    | -54.05                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2134.02                | -45.73  | -13              | -32.73                     | -69.45                    | -53.43                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2845.36                | -40.13  | -13              | -27.13                     | -70.16                    | -49.71                   | 0.87                       | 12.60                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23780   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1409.18                | -48.13  | -13                        | -35.13                  | -63.49                    | -54.81                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2113.77                | -47.73  | -13                        | -34.73                  | -69.17                    | -55.43                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2818.36                | -42.51  | -13                        | -29.51                  | -69.34                    | -52.09                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23780   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1409.18                | -48.01  | -13                        | -35.01                  | -64.23                    | -54.69                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2113.77                | -44.30  | -13                        | -31.30                  | -69.14                    | -52.00                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2818.36                | -39.23  | -13                        | -26.23                  | -69.77                    | -48.81                   | 0.87                       | 12.60                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23790   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1411.18                | -48.96  | -13                        | -35.96                  | -64.07                    | -55.64                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2116.77                | -47.59  | -13                        | -34.59                  | -69.05                    | -55.29                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2822.36                | -44.10  | -13                        | -31.10                  | -70.02                    | -53.68                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23790   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1411.18                | -48.33  | -13                        | -35.33                  | -64.53                    | -55.01                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2116.77                | -45.50  | -13                        | -32.50                  | -69.38                    | -53.20                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2822.36                | -39.59  | -13                        | -26.59                  | -69.89                    | -49.17                   | 0.87                       | 12.60                         | V                       | Pass   |



| <b>Band :</b>          | LTE Band 17 for CH23800   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Horizontal              |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1413.18                | -49.96  | -13                        | -36.96                  | -64.88                    | -56.64                   | 0.57                       | 9.40                          | H                       | Pass   |
| 2119.77                | -48.75  | -13                        | -35.75                  | -69.79                    | -56.45                   | 0.75                       | 10.60                         | H                       | Pass   |
| 2826.36                | -44.17  | -13                        | -31.17                  | -70.10                    | -53.75                   | 0.87                       | 12.60                         | H                       | Pass   |

| <b>Band :</b>          | LTE Band 17 for CH23800   | <b>Temperature :</b>       | 23~25°C                 |                           |                          |                            |                               |                         |        |
|------------------------|---|----------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|--------|
| <b>Test Mode :</b>     | 10MHz QPSK RB Size 1 Offset 0   | <b>Relative Humidity :</b> | 48~52%                  |                           |                          |                            |                               |                         |        |
| <b>Test Engineer :</b> | Gavin Zhang   | <b>Polarization :</b>      | Vertical                |                           |                          |                            |                               |                         |        |
| <b>Remark :</b>        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                            |                         |                           |                          |                            |                               |                         |        |
| Frequency<br>( MHz )   | ERP<br>( dBm )  | Limit<br>( dBm )           | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>( dBm ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi ) | Polarization<br>( H/V ) | Result |
| 1413.18                | -48.33  | -13                        | -35.33                  | -64.54                    | -55.01                   | 0.57                       | 9.40                          | V                       | Pass   |
| 2119.77                | -43.90  | -13                        | -30.90                  | -69.00                    | -51.60                   | 0.75                       | 10.60                         | V                       | Pass   |
| 2826.36                | -39.65  | -13                        | -26.65                  | -69.91                    | -49.23                   | 0.87                       | 12.60                         | V                       | Pass   |