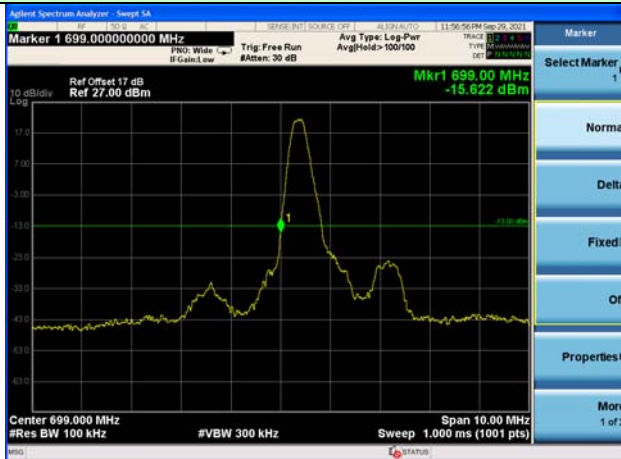
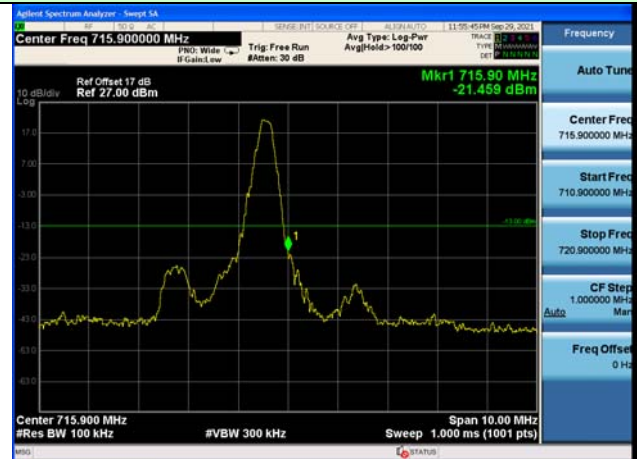


## Test Mode: LTE Band 12 / 1.4MHz / 1RB / 16-QAM

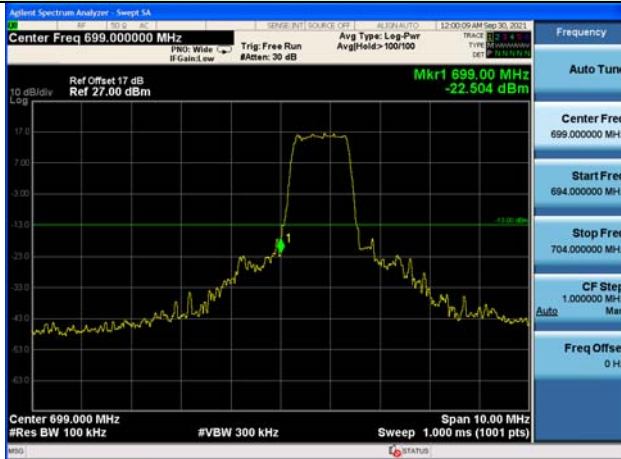


Lowest channel

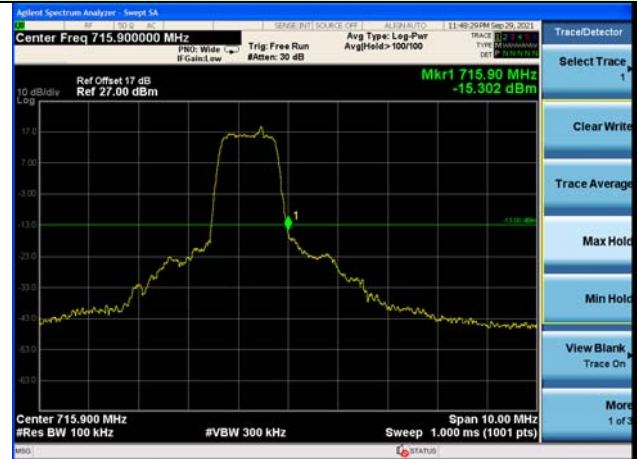


Highest channel

## Test Mode: LTE Band 12 / 1.4MHz / 6RB / 16-QAM

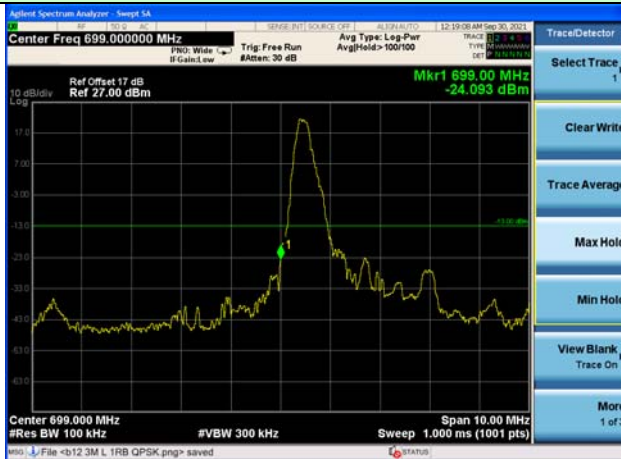


Lowest channel

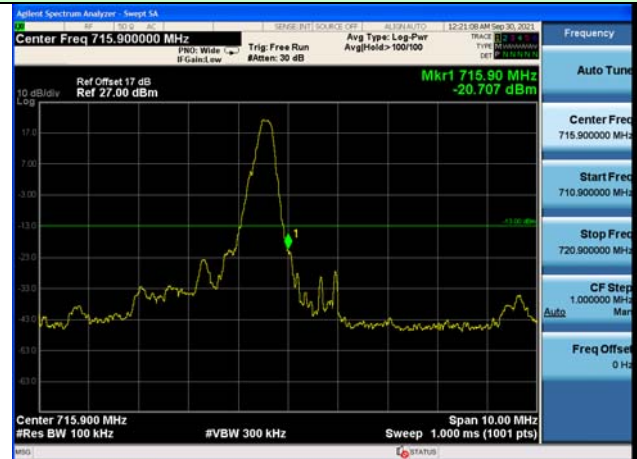


Highest channel

## Test Mode: LTE Band 12 / 3MHz / 1RB / 16-QAM

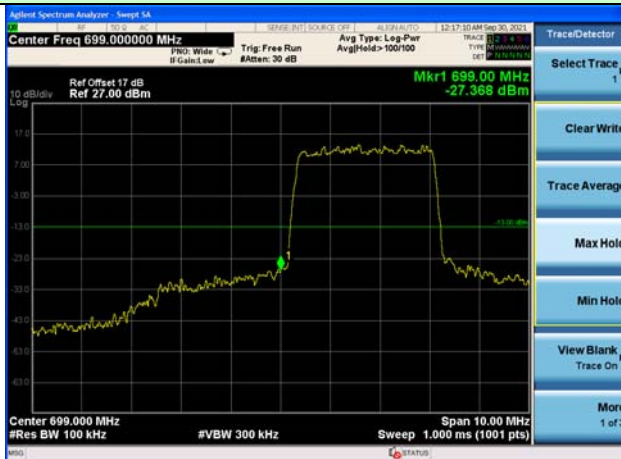


Lowest channel



Highest channel

## Test Mode: LTE Band 12 / 3MHz / 15RB / 16-QAM



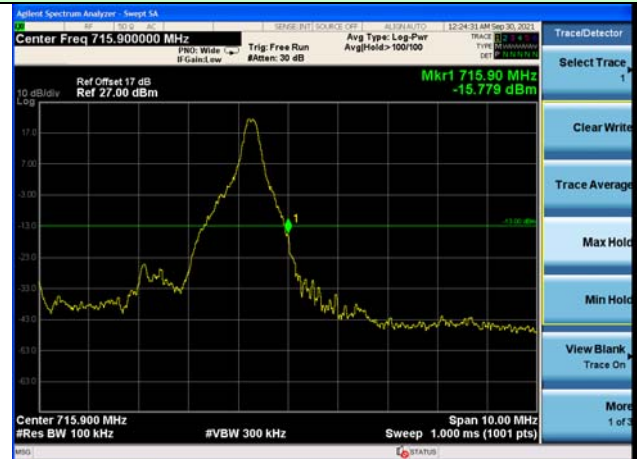
Lowest channel



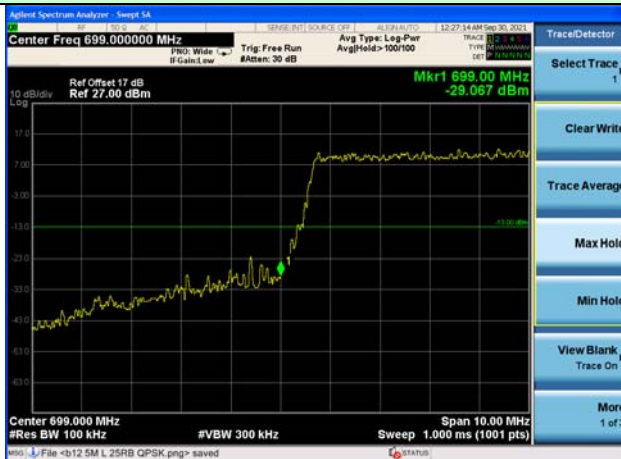
Highest channel

**Test Mode: LTE Band 12 / 5MHz / 1 RB / 16-QAM**

Lowest channel



Highest channel

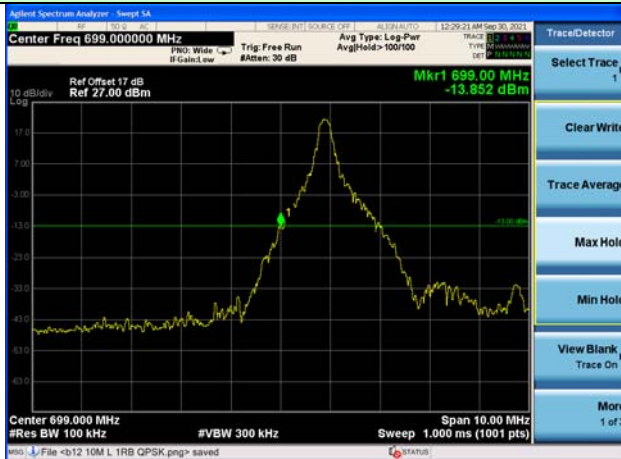
**Test Mode: LTE Band 12 / 5MHz / 25RB / 16-QAM**

Lowest channel

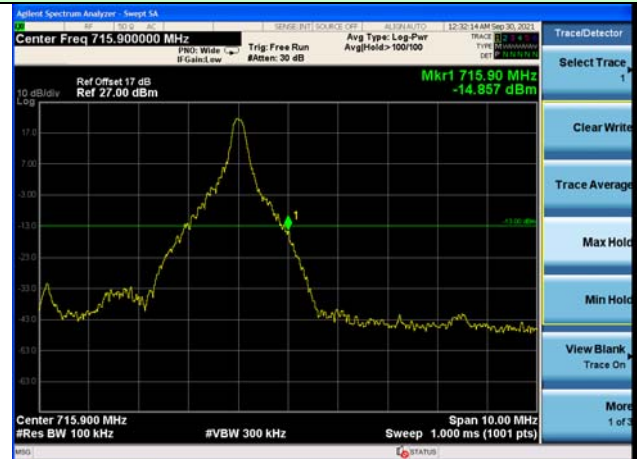


Highest channel

## Test Mode: LTE Band 12 / 10MHz / 1RB / 16-QAM

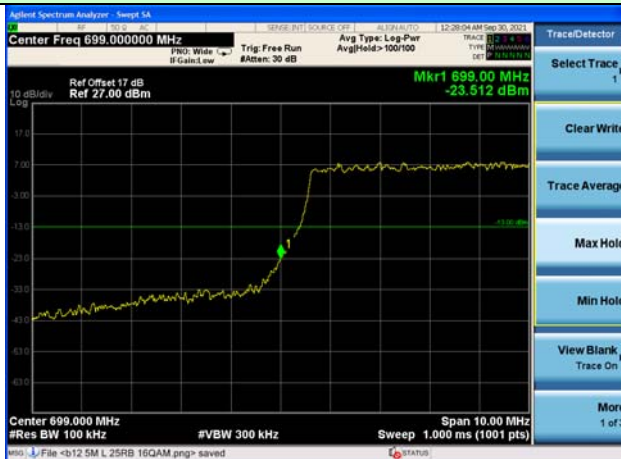


Lowest channel

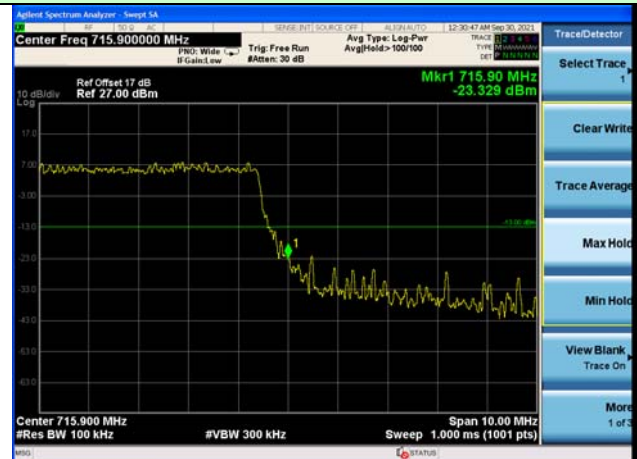


Highest channel

## Test Mode: LTE Band 12 / 10MHz / 50RB / 16-QAM



Lowest channel



Highest channel

## Test Mode: LTE Band 17 / 5MHz / 1RB / QPSK

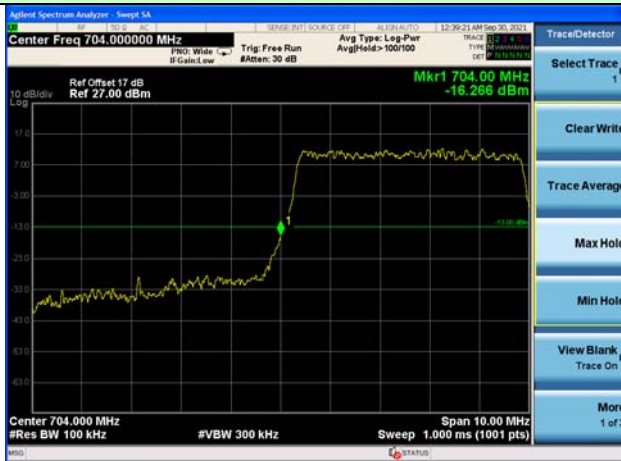


Lowest channel

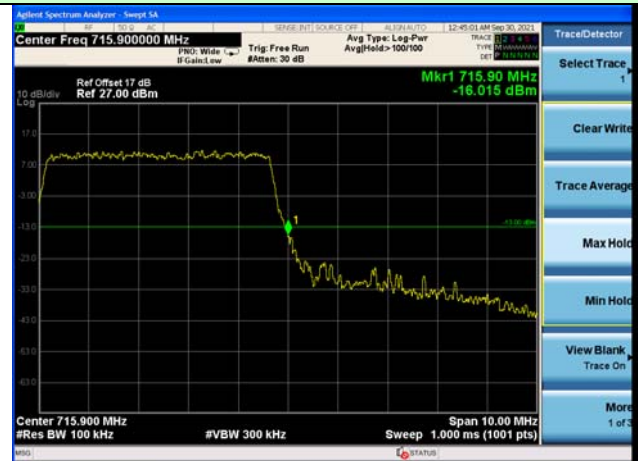


Highest channel

## Test Mode: LTE Band 17 / 5MHz / 25RB / QPSK

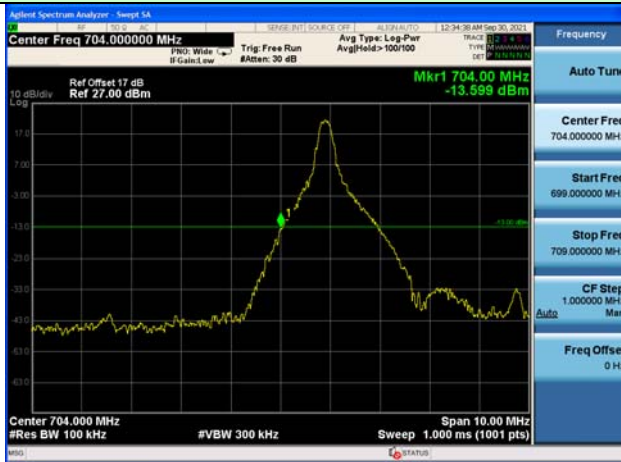


Lowest channel

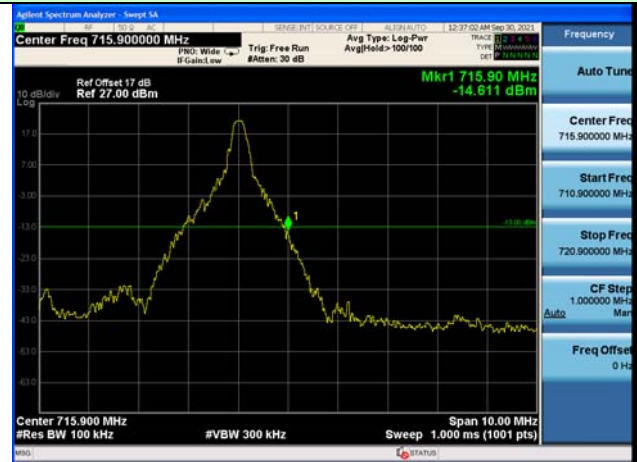


Highest channel

## Test Mode: LTE Band 17 / 10MHz / 1RB / QPSK

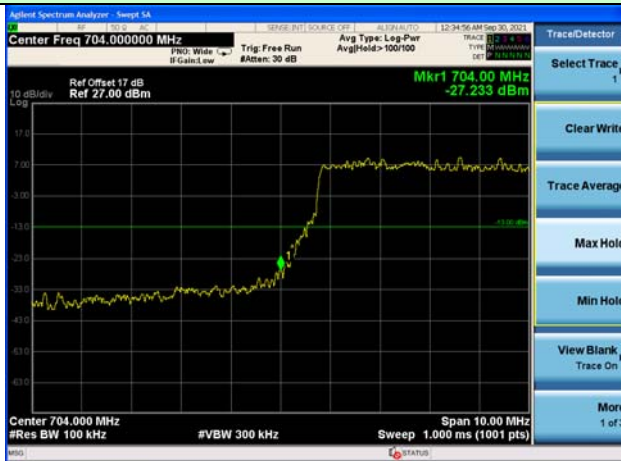


Lowest channel

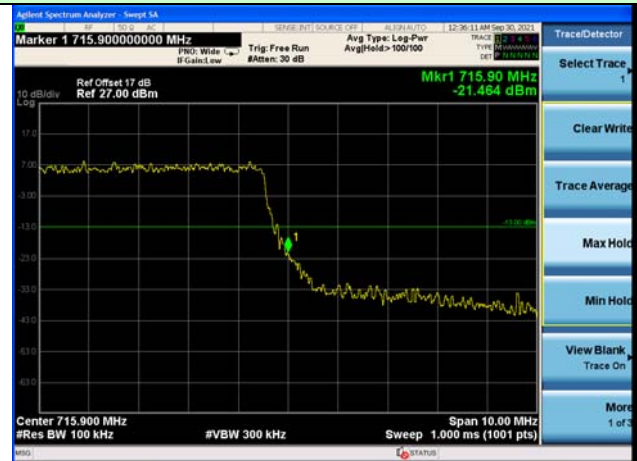


Highest channel

## Test Mode: LTE Band 17 / 10MHz / 50RB / QPSK



Lowest channel

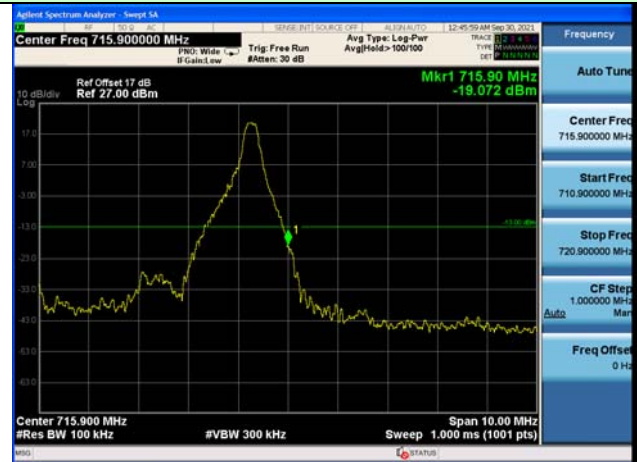


Highest channel

### Test Mode: LTE Band 17 / 5MHz / 1RB / 16-QAM

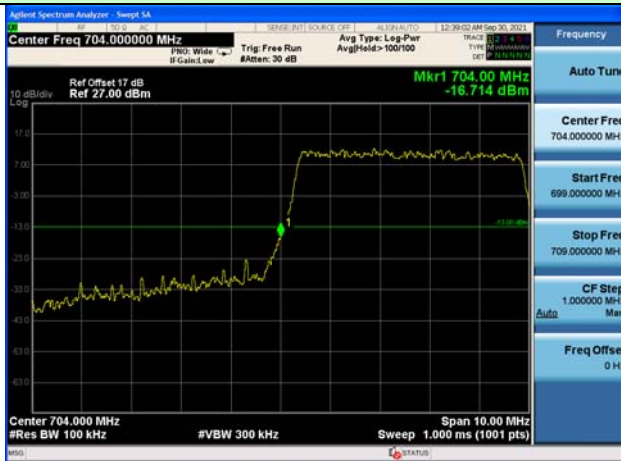


Lowest channel

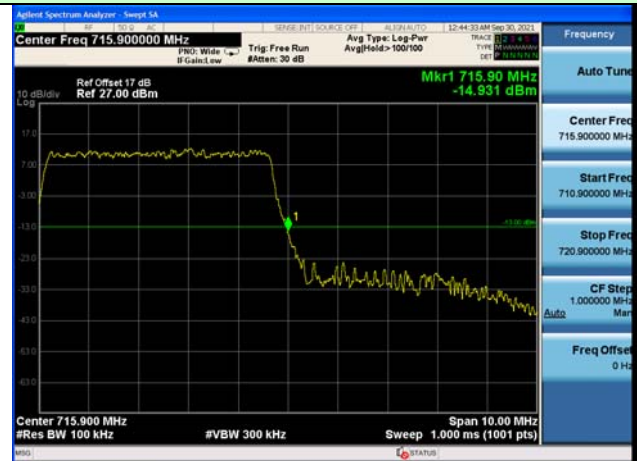


Highest channel

### Test Mode: LTE Band 17 / 5MHz / 25RB / 16-QAM

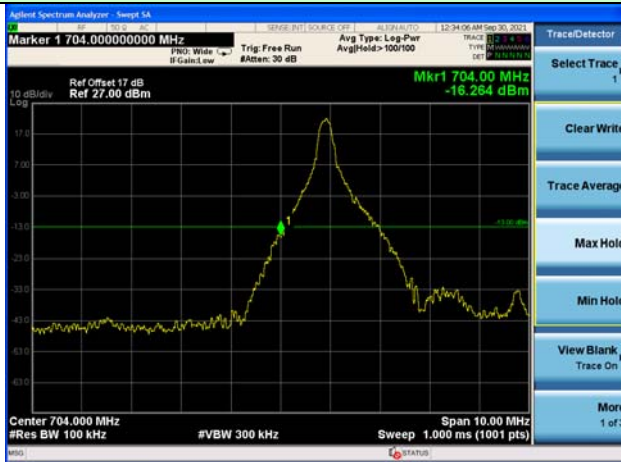


Lowest channel

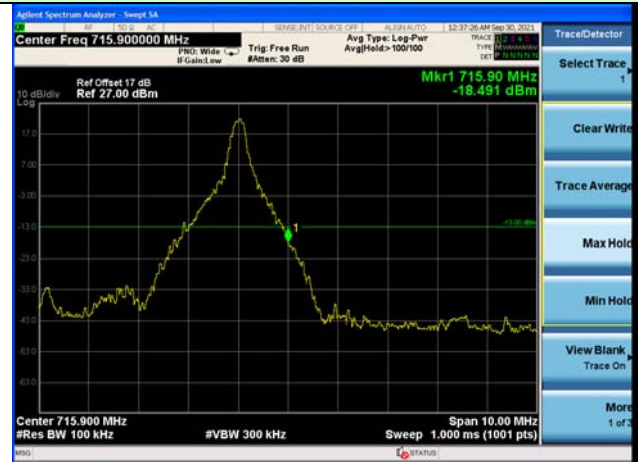


Highest channel

## Test Mode: LTE Band 17 / 10MHz / 1RB / 16-QAM

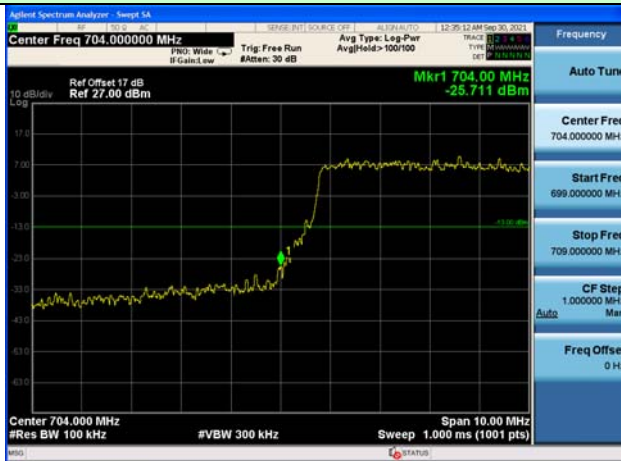


Lowest channel

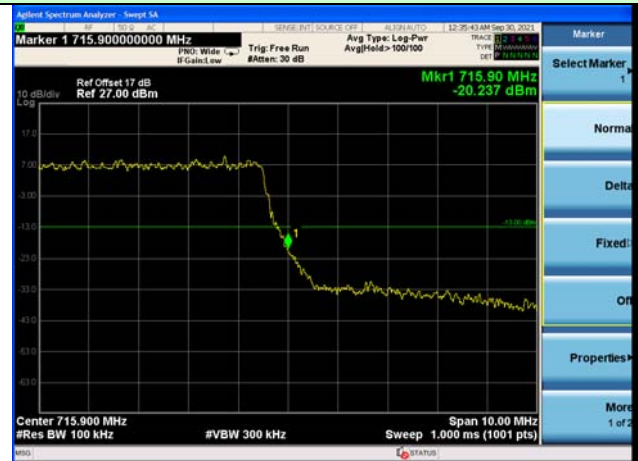


Highest channel

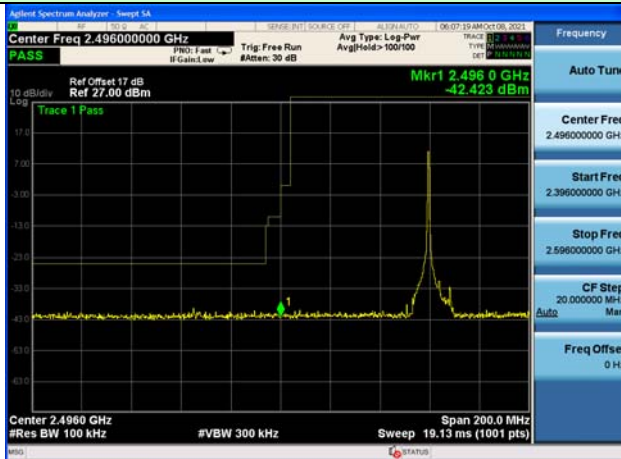
## Test Mode: LTE Band 17 / 10MHz / 50RB / 16-QAM



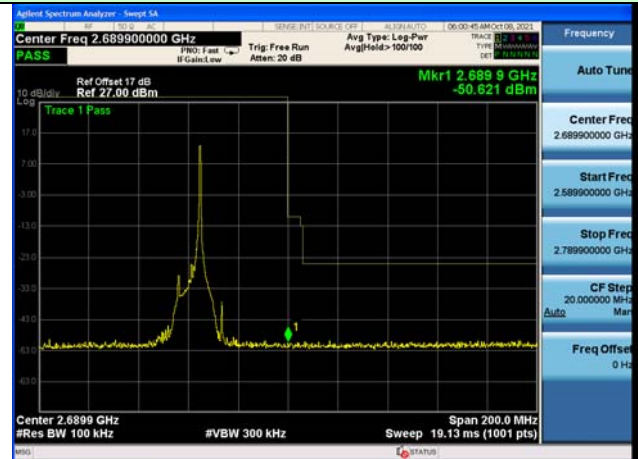
Lowest channel



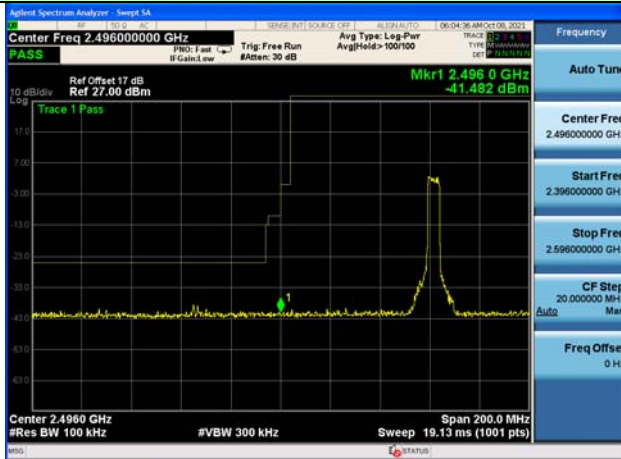
Highest channel

**Test Mode: LTE Band 41 / 5MHz / 1RB / QPSK**

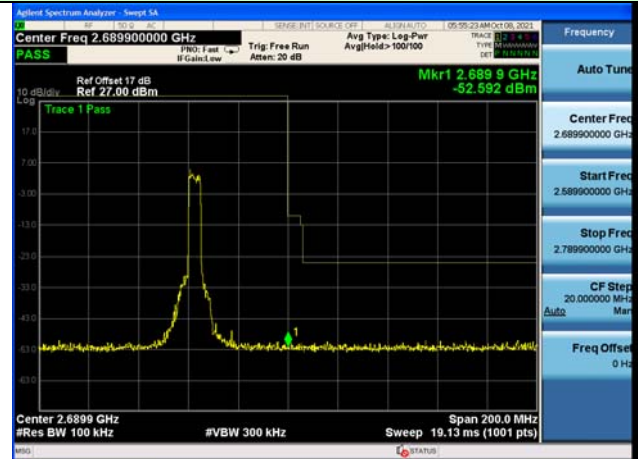
Lowest channel



Highest channel

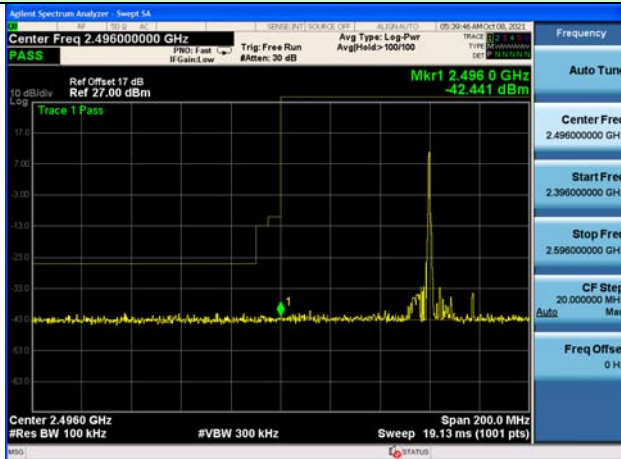
**Test Mode: LTE Band 41 / 5MHz / 25RB / QPSK**

Lowest channel

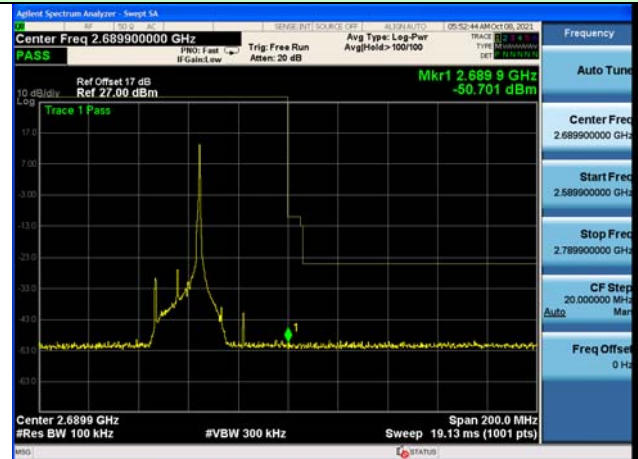


Highest channel

## Test Mode: LTE Band 41 / 10MHz / 1RB / QPSK

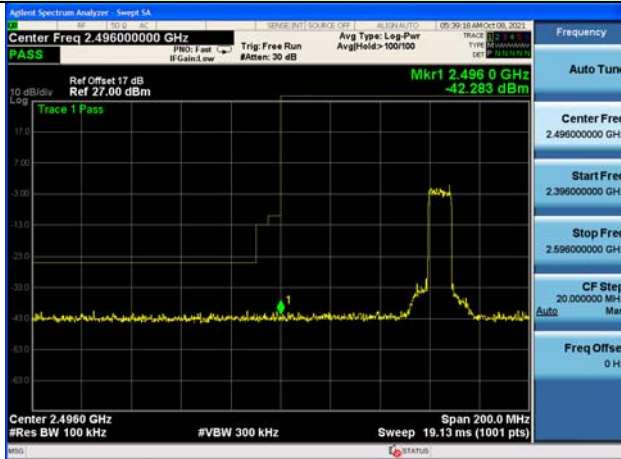


Lowest channel

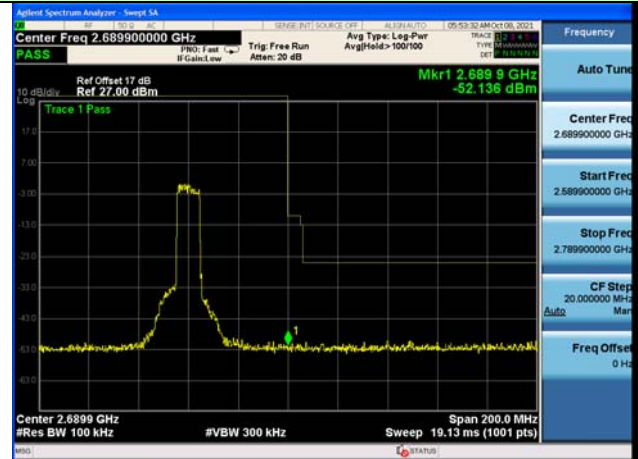


Highest channel

## Test Mode: LTE Band 41 / 10MHz / 50RB / QPSK



Lowest channel

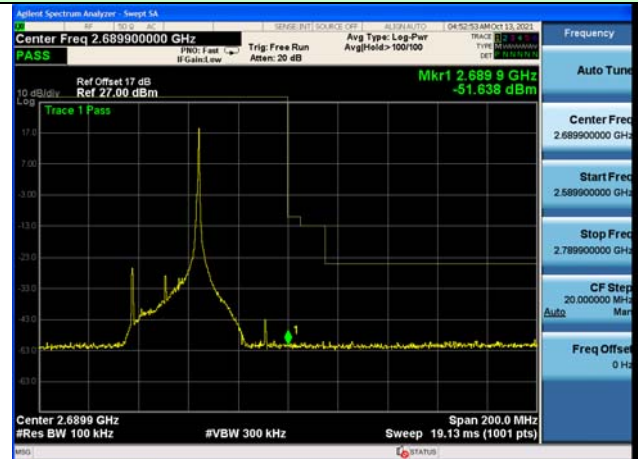


Highest channel

## Test Mode: LTE Band 41 / 15MHz / 1 RB / QPSK

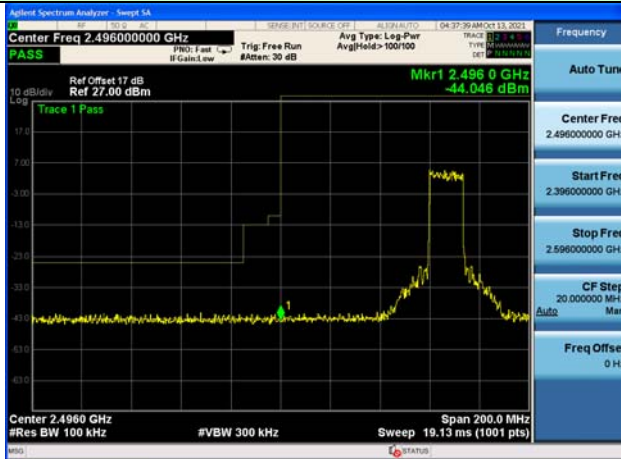


Lowest channel



Highest channel

## Test Mode: LTE Band 41 / 15MHz / 75RB / QPSK



Lowest channel

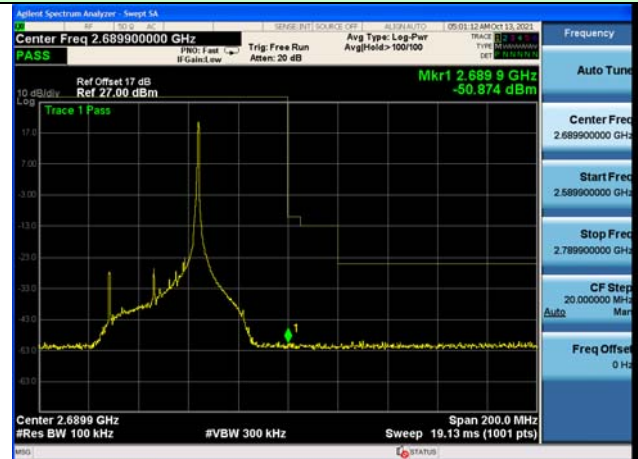


Highest channel

## Test Mode: LTE Band 41 / 20MHz / 1RB / QPSK



Lowest channel

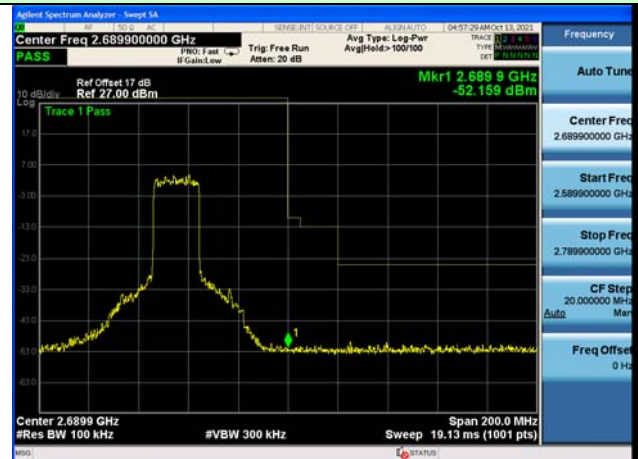


Highest channel

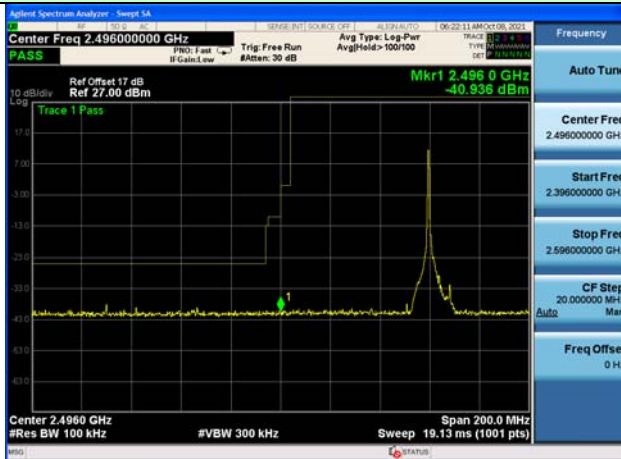
## Test Mode: LTE Band 41 / 20MHz / 100RB / QPSK



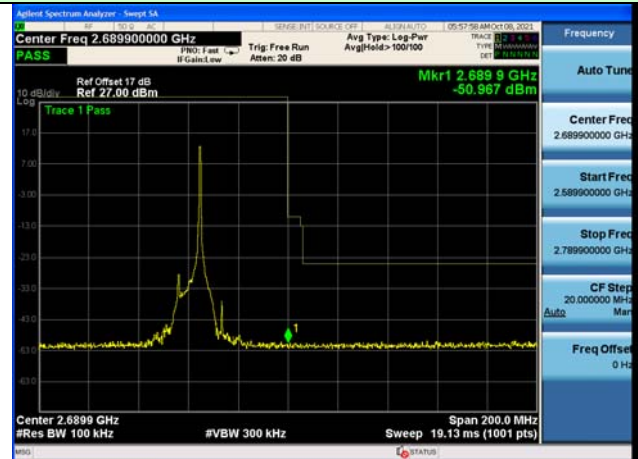
Lowest channel



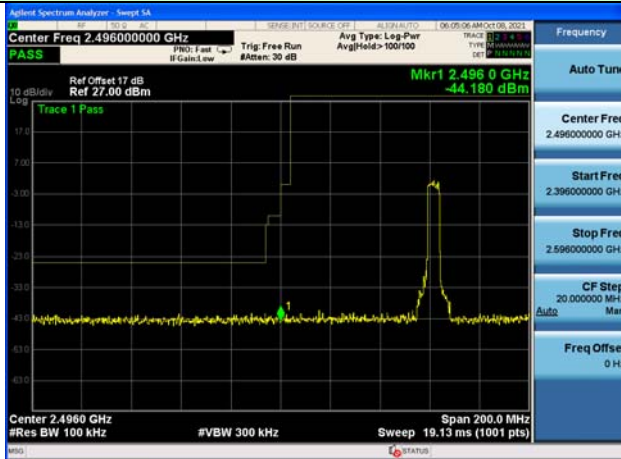
Highest channel

**Test Mode: LTE Band 41 / 5MHz / 1RB / 16-QAM**

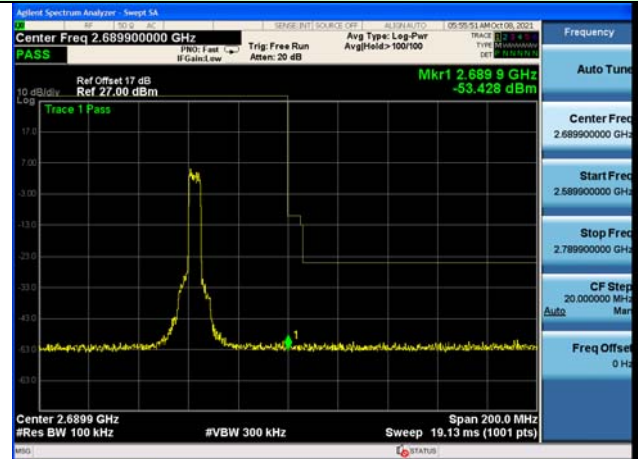
Lowest channel



Highest channel

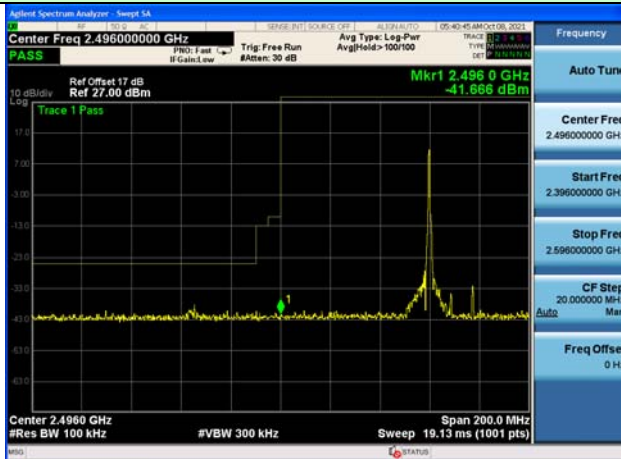
**Test Mode: LTE Band 41 / 5MHz / 25RB / 16-QAM**

Lowest channel

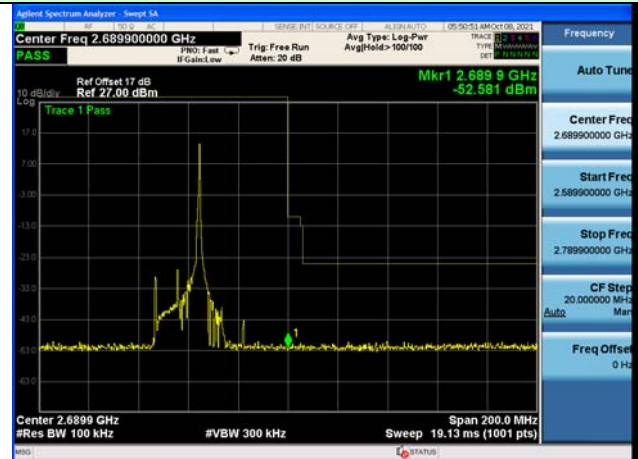


Highest channel

## Test Mode: LTE Band 41 / 10MHz / 1 RB / 16-QAM

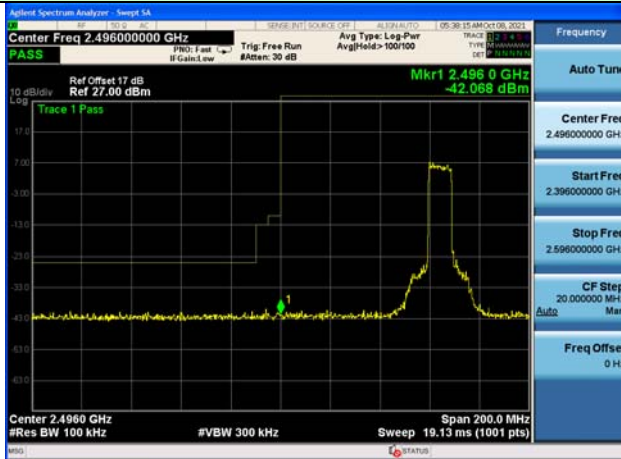


Lowest channel

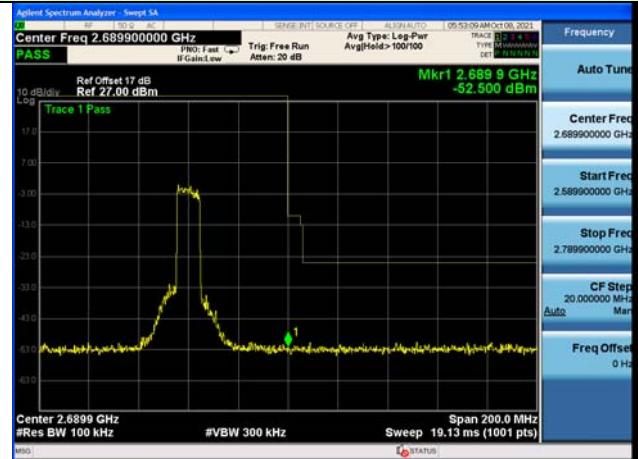


Highest channel

## Test Mode: LTE Band 41 / 10MHz / 50RB / 16-QAM

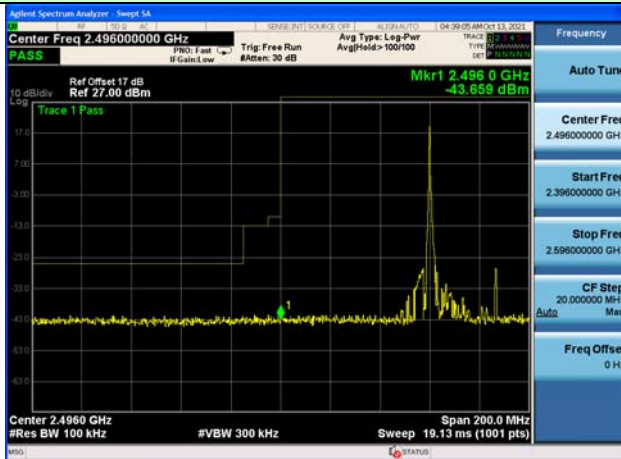


Lowest channel

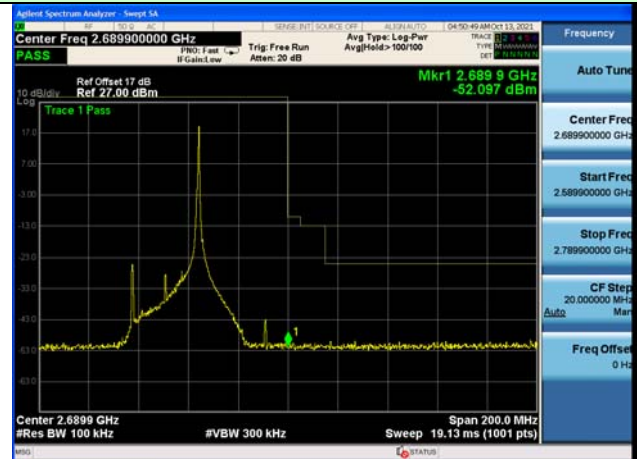


Highest channel

### Test Mode: LTE Band 41 / 15MHz / 1 RB / 16-QAM

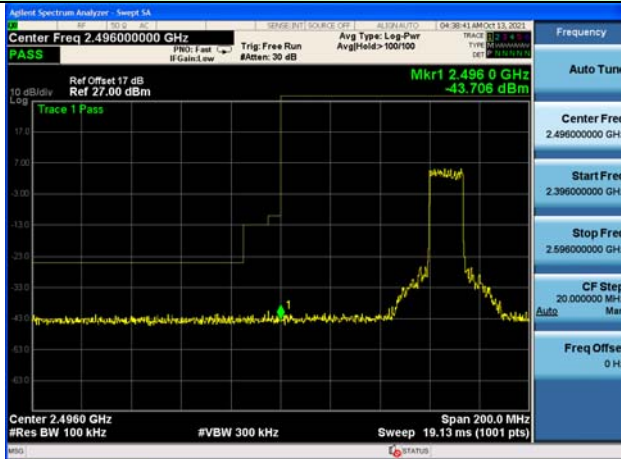


Lowest channel

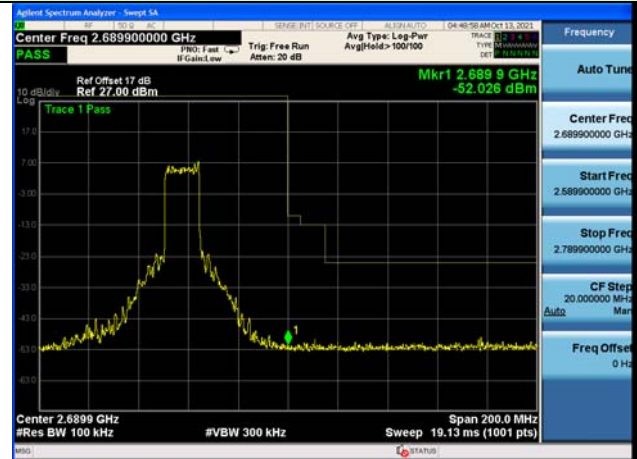


Highest channel

### Test Mode: LTE Band 41 / 15MHz / 75RB / 16-QAM

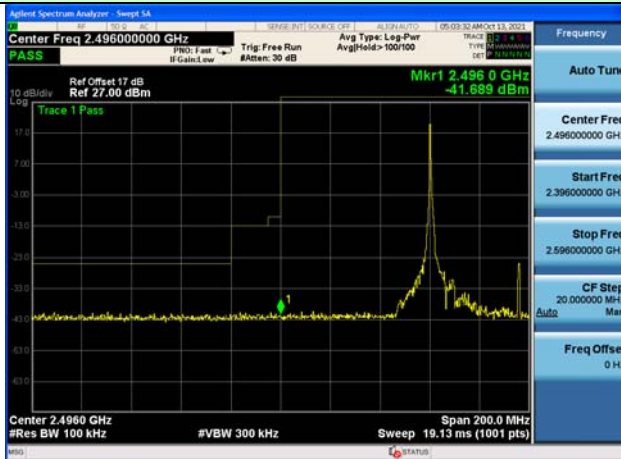


Lowest channel



Highest channel

### Test Mode: LTE Band 41 / 20MHz / 1RB / 16-QAM

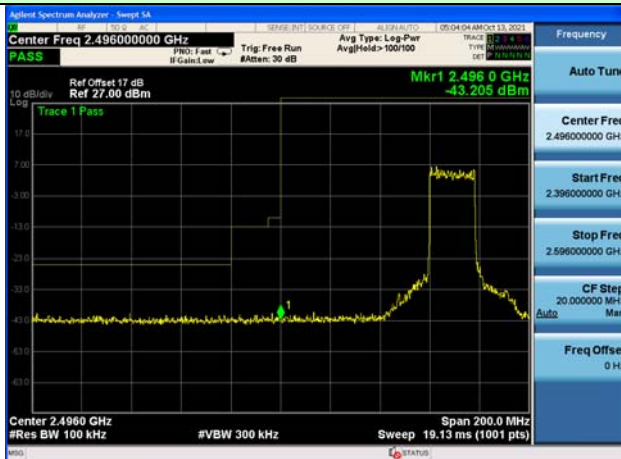


Lowest channel

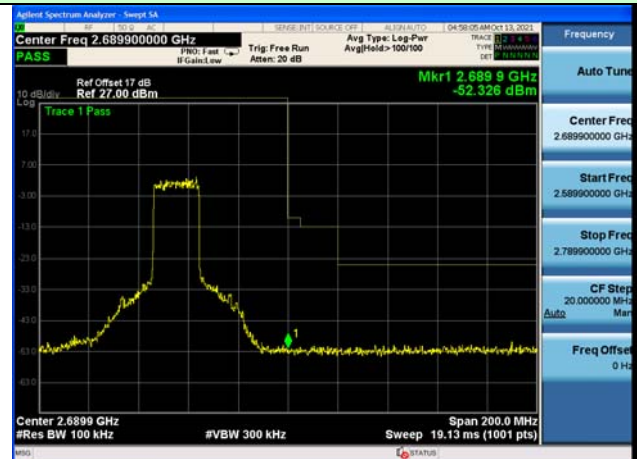


Highest channel

### Test Mode: LTE Band 41 / 20MHz / 100RB / 16-QAM



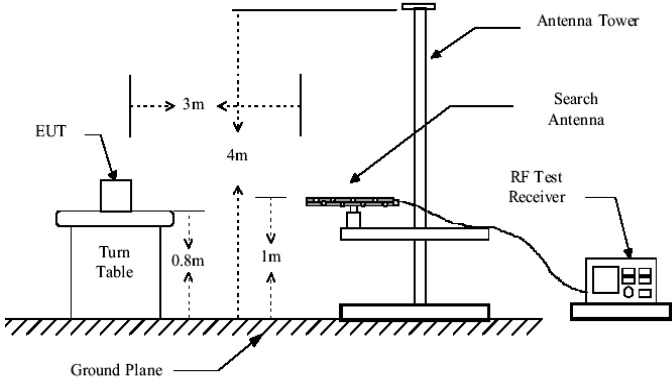
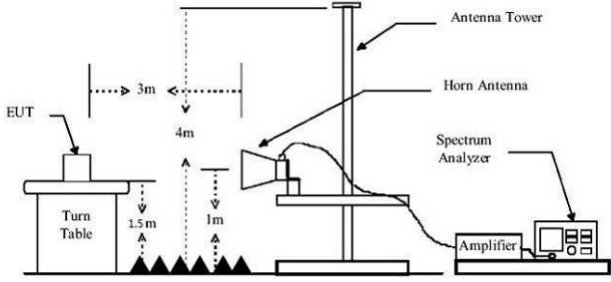
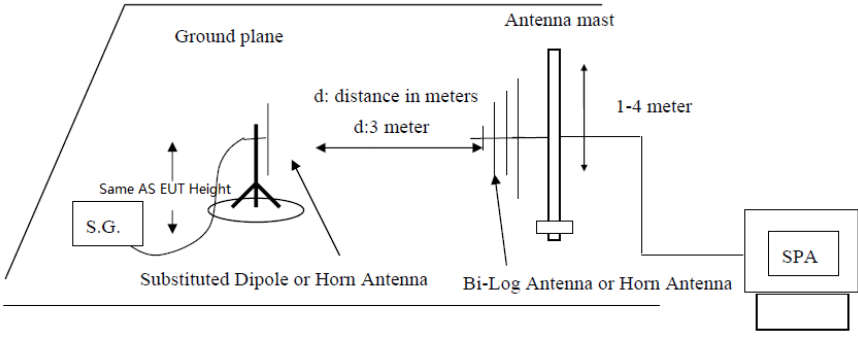
Lowest channel



Highest channel

Note: All bandwidth and modulation are tested, only the worst result is reported.

#### 4.8 ERP, EIRP Measurement

|                   |                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC part22.913(a), FCC part24.232(b), FCC part 27.50(h) and FCC part 27.53                                                                                                                                                                                                                                                   |
| Test Method:      | ANSI C63.26:2015                                                                                                                                                                                                                                                                                                             |
| Limit:            | LTE Band 2: 2W (EIRP)<br>LTE Band 4: 1W (EIRP)<br>LTE Band 5(Upper Band): [7W (ERP) for FCC]<br>LTE Band 7: 2W (EIRP)<br>LTE Band 12 2W (ERP)<br>LTE Band 17: 2W (ERP)<br>LTE Band 41: 2W (EIRP)                                                                                                                             |
| Test setup:       | <p>Below 1GHz</p>  <p>Above 1GHz</p>  <p>Substituted method:</p>  |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Procedure:   | <ol style="list-style-type: none"> <li>1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.</li> <li>2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated.</li> <li>3. ERP were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated asfollows:<br/> <math display="block">\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}</math> </li> <li>4. EIRP were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows:<br/> <math display="block">\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}</math> </li> </ol> |
| Test Instruments: | Refer to section 3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test mode:        | Refer to section 4.1 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Remark:           | H,E1,E2 mean for EUT polarization of X, Y, Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Measurement Data

| EUT mode                       | RB Size | RB Offset | Channel | EUT Pol. | Antenna Pol. | EIRP (dBm) | Limit (dBm) | Result |
|--------------------------------|---------|-----------|---------|----------|--------------|------------|-------------|--------|
| LTE Band 2<br>(1.4MHz)<br>QPSK | 6       | 0         | Lowest  | H        | V            | 22.37      | 33.00       | Pass   |
|                                |         |           |         |          | H            | 21.54      |             |        |
|                                |         |           |         | E1       | V            | 22.00      |             |        |
|                                |         |           |         |          | H            | 22.95      |             |        |
|                                |         |           |         | E2       | V            | 21.24      |             |        |
|                                |         |           |         |          | H            | 22.94      |             |        |
|                                | 6       | 0         | Middle  | H        | V            | 23.38      | 33.00       | Pass   |
|                                |         |           |         |          | H            | 22.88      |             |        |
|                                |         |           |         | E1       | V            | 22.67      |             |        |
|                                |         |           |         |          | H            | 21.69      |             |        |
|                                |         |           |         | E2       | V            | 23.59      |             |        |
|                                |         |           |         |          | H            | 22.14      |             |        |
|                                | 6       | 0         | Highest | H        | V            | 23.48      | 33.00       | Pass   |
|                                |         |           |         |          | H            | 22.60      |             |        |
|                                |         |           |         | E1       | V            | 21.85      |             |        |
|                                |         |           |         |          | H            | 23.21      |             |        |
|                                |         |           |         | E2       | V            | 22.03      |             |        |
|                                |         |           |         |          | H            | 22.80      |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(3MHz)<br>QPSK | Lowest  | 15      | 0         | H        | V            | 20.76     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 22.89     |             |        |
|                              |         |         |           | E1       | V            | 21.28     |             |        |
|                              |         |         |           |          | H            | 20.22     |             |        |
|                              |         |         |           | E2       | V            | 22.29     |             |        |
|                              |         |         |           |          | H            | 22.59     |             |        |
|                              | Middle  | 15      | 0         | H        | V            | 22.33     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 23.71     |             |        |
|                              |         |         |           | E1       | V            | 20.38     |             |        |
|                              |         |         |           |          | H            | 23.19     |             |        |
|                              |         |         |           | E2       | V            | 21.53     |             |        |
|                              |         |         |           |          | H            | 20.11     |             |        |
|                              | Highest | 15      | 0         | H        | V            | 23.56     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 24.29     |             |        |
|                              |         |         |           | E1       | V            | 21.60     |             |        |
|                              |         |         |           |          | H            | 21.30     |             |        |
|                              |         |         |           | E2       | V            | 20.85     |             |        |
|                              |         |         |           |          | H            | 21.43     |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(5MHz)<br>QPSK | Lowest  | 25      | 0         | H        | V            | 20.60     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 20.90     |             |        |
|                              |         |         |           | E1       | V            | 22.64     |             |        |
|                              |         |         |           |          | H            | 21.76     |             |        |
|                              |         |         |           | E2       | V            | 20.65     |             |        |
|                              |         |         |           |          | H            | 23.37     |             |        |
|                              | Middle  | 25      | 0         | H        | V            | 22.11     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 23.47     |             |        |
|                              |         |         |           | E1       | V            | 19.79     |             |        |
|                              |         |         |           |          | H            | 21.62     |             |        |
|                              |         |         |           | E2       | V            | 20.43     |             |        |
|                              |         |         |           |          | H            | 23.34     |             |        |
|                              | Highest | 25      | 0         | H        | V            | 22.87     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 19.88     |             |        |
|                              |         |         |           | E1       | V            | 20.89     |             |        |
|                              |         |         |           |          | H            | 23.65     |             |        |
|                              |         |         |           | E2       | V            | 22.50     |             |        |
|                              |         |         |           |          | H            | 21.08     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(10MHz)<br>QPSK | Lowest  | 50      | 0         | H        | V            | 23.62     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 21.45     |             |        |
|                               |         |         |           | E1       | V            | 23.51     |             |        |
|                               |         |         |           |          | H            | 22.85     |             |        |
|                               |         |         |           | E2       | V            | 23.70     |             |        |
|                               |         |         |           |          | H            | 20.61     |             |        |
|                               | Middle  | 50      | 0         | H        | V            | 23.33     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 21.74     |             |        |
|                               |         |         |           | E1       | V            | 21.75     |             |        |
|                               |         |         |           |          | H            | 21.41     |             |        |
|                               |         |         |           | E2       | V            | 22.34     |             |        |
|                               |         |         |           |          | H            | 21.73     |             |        |
|                               | Highest | 50      | 0         | H        | V            | 21.42     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 23.40     |             |        |
|                               |         |         |           | E1       | V            | 23.46     |             |        |
|                               |         |         |           |          | H            | 22.35     |             |        |
|                               |         |         |           | E2       | V            | 23.51     |             |        |
|                               |         |         |           |          | H            | 22.59     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(15MHz)<br>QPSK | Lowest  | 75      | 0         | H        | V            | 23.48     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 21.19     |             |        |
|                               |         |         |           | E1       | V            | 23.24     |             |        |
|                               |         |         |           |          | H            | 23.33     |             |        |
|                               |         |         |           | E2       | V            | 23.92     |             |        |
|                               |         |         |           |          | H            | 21.11     |             |        |
|                               | Middle  | 75      | 0         | H        | V            | 23.15     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 21.61     |             |        |
|                               |         |         |           | E1       | V            | 21.5      |             |        |
|                               |         |         |           |          | H            | 21.43     |             |        |
|                               |         |         |           | E2       | V            | 22.36     |             |        |
|                               |         |         |           |          | H            | 21.86     |             |        |
|                               | Highest | 75      | 0         | H        | V            | 21.16     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 23.49     |             |        |
|                               |         |         |           | E1       | V            | 23.35     |             |        |
|                               |         |         |           |          | H            | 22.13     |             |        |
|                               |         |         |           | E2       | V            | 23.06     |             |        |
|                               |         |         |           |          | H            | 22.56     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 2<br>(20MHz)<br>QPSK | Lowest  | 100     | 0         | H        | V            | 23.13        | 33.00       | Pass   |
|                               |         |         |           |          | H            | 21.27        |             |        |
|                               |         |         |           | E1       | V            | 23.54        |             |        |
|                               |         |         |           |          | H            | 23.31        |             |        |
|                               |         |         |           | E2       | V            | <b>23.79</b> |             |        |
|                               |         |         |           |          | H            | 20.70        |             |        |
|                               | Middle  | 100     | 0         | H        | V            | 23.63        | 33.00       | Pass   |
|                               |         |         |           |          | H            | 22.09        |             |        |
|                               |         |         |           | E1       | V            | 21.57        |             |        |
|                               |         |         |           |          | H            | 21.41        |             |        |
|                               |         |         |           | E2       | V            | 22.85        |             |        |
|                               |         |         |           |          | H            | 22.19        |             |        |
|                               | Highest | 100     | 0         | H        | V            | 21.42        | 33.00       | Pass   |
|                               |         |         |           |          | H            | 23.22        |             |        |
|                               |         |         |           | E1       | V            | 23.03        |             |        |
|                               |         |         |           |          | H            | 21.76        |             |        |
|                               |         |         |           | E2       | V            | 22.86        |             |        |
|                               |         |         |           |          | H            | 22.33        |             |        |

| EUT mode                         | RB Size | RB Offset | Channel | EUT Pol. | Antenna Pol. | EIRP (dBm) | Limit (dBm) | Result |
|----------------------------------|---------|-----------|---------|----------|--------------|------------|-------------|--------|
| LTE Band 2<br>(1.4MHz)<br>16 QAM | 6       | 0         | Lowest  | H        | V            | 23.20      | 33.00       | Pass   |
|                                  |         |           |         |          | H            | 20.76      |             |        |
|                                  |         |           |         | E1       | V            | 23.38      |             |        |
|                                  |         |           |         |          | H            | 23.64      |             |        |
|                                  |         |           |         | E2       | V            | 23.88      |             |        |
|                                  |         |           |         |          | H            | 21.45      |             |        |
|                                  | 6       | 0         | Middle  | H        | V            | 23.34      | 33.00       | Pass   |
|                                  |         |           |         |          | H            | 21.63      |             |        |
|                                  |         |           |         | E1       | V            | 21.49      |             |        |
|                                  |         |           |         |          | H            | 21.54      |             |        |
|                                  |         |           |         | E2       | V            | 22.79      |             |        |
|                                  |         |           |         |          | H            | 21.89      |             |        |
|                                  | 6       | 0         | Highest | H        | V            | 21.12      | 33.00       | Pass   |
|                                  |         |           |         |          | H            | 23.30      |             |        |
|                                  |         |           |         | E1       | V            | 23.11      |             |        |
|                                  |         |           |         |          | H            | 21.85      |             |        |
|                                  |         |           |         | E2       | V            | 23.42      |             |        |
|                                  |         |           |         |          | H            | 22.69      |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(3MHz)<br>16 QAM | Lowest  | 15      | 0         | H        | V            | 23.47     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 21.31     |             |        |
|                                |         |         |           | E1       | V            | 23.15     |             |        |
|                                |         |         |           |          | H            | 23.67     |             |        |
|                                |         |         |           | E2       | V            | 23.91     |             |        |
|                                |         |         |           |          | H            | 21.06     |             |        |
|                                | Middle  | 15      | 0         | H        | V            | 23.23     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 21.69     |             |        |
|                                |         |         |           | E1       | V            | 21.10     |             |        |
|                                |         |         |           |          | H            | 21.35     |             |        |
|                                |         |         |           | E2       | V            | 22.16     |             |        |
|                                |         |         |           |          | H            | 21.62     |             |        |
|                                | Highest | 15      | 0         | H        | V            | 20.91     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 23.96     |             |        |
|                                |         |         |           | E1       | V            | 23.33     |             |        |
|                                |         |         |           |          | H            | 22.10     |             |        |
|                                |         |         |           | E2       | V            | 23.52     |             |        |
|                                |         |         |           |          | H            | 23.05     |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(5MHz)<br>16 QAM | Lowest  | 25      | 0         | H        | V            | 23.41     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 21.59     |             |        |
|                                |         |         |           | E1       | V            | 23.01     |             |        |
|                                |         |         |           |          | H            | 23.77     |             |        |
|                                |         |         |           | E2       | V            | 24.29     |             |        |
|                                |         |         |           |          | H            | 21.29     |             |        |
|                                | Middle  | 25      | 0         | H        | V            | 23.25     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 21.97     |             |        |
|                                |         |         |           | E1       | V            | 21.34     |             |        |
|                                |         |         |           |          | H            | 21.15     |             |        |
|                                |         |         |           | E2       | V            | 21.96     |             |        |
|                                |         |         |           |          | H            | 22.29     |             |        |
|                                | Highest | 25      | 0         | H        | V            | 20.75     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 23.31     |             |        |
|                                |         |         |           | E1       | V            | 23.34     |             |        |
|                                |         |         |           |          | H            | 21.70     |             |        |
|                                |         |         |           | E2       | V            | 23.16     |             |        |
|                                |         |         |           |          | H            | 22.53     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(10MHz)<br>16 QAM | Lowest  | 50      | 0         | H        | V            | 23.31     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 21.49     |             |        |
|                                 |         |         |           | E1       | V            | 23.44     |             |        |
|                                 |         |         |           |          | H            | 23.37     |             |        |
|                                 |         |         |           | E2       | V            | 23.58     |             |        |
|                                 |         |         |           |          | H            | 21.13     |             |        |
|                                 | Middle  | 50      | 0         | H        | V            | 23.42     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 21.68     |             |        |
|                                 |         |         |           | E1       | V            | 21.11     |             |        |
|                                 |         |         |           |          | H            | 21.42     |             |        |
|                                 |         |         |           | E2       | V            | 22.62     |             |        |
|                                 |         |         |           |          | H            | 22.30     |             |        |
|                                 | Highest | 50      | 0         | H        | V            | 21.52     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.32     |             |        |
|                                 |         |         |           | E1       | V            | 23.16     |             |        |
|                                 |         |         |           |          | H            | 22.14     |             |        |
|                                 |         |         |           | E2       | V            | 23.18     |             |        |
|                                 |         |         |           |          | H            | 23.05     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 2<br>(15MHz)<br>16 QAM | Lowest  | 75      | 0         | H        | V            | 23.06     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 21.05     |             |        |
|                                 |         |         |           | E1       | V            | 22.81     |             |        |
|                                 |         |         |           |          | H            | 23.35     |             |        |
|                                 |         |         |           | E2       | V            | 23.62     |             |        |
|                                 |         |         |           |          | H            | 21.42     |             |        |
|                                 | Middle  | 75      | 0         | H        | V            | 23.39     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 22.05     |             |        |
|                                 |         |         |           | E1       | V            | 21.46     |             |        |
|                                 |         |         |           |          | H            | 21.54     |             |        |
|                                 |         |         |           | E2       | V            | 22.67     |             |        |
|                                 |         |         |           |          | H            | 21.48     |             |        |
|                                 | Highest | 75      | 0         | H        | V            | 21.26     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.41     |             |        |
|                                 |         |         |           | E1       | V            | 22.96     |             |        |
|                                 |         |         |           |          | H            | 22.13     |             |        |
|                                 |         |         |           | E2       | V            | 23.17     |             |        |
|                                 |         |         |           |          | H            | 22.59     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 2<br>(20MHz)<br>16 QAM | Lowest  | 100     | 0         | H        | V            | 23.20        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 21.62        |             |        |
|                                 |         |         |           | E1       | V            | 23.06        |             |        |
|                                 |         |         |           |          | H            | 22.87        |             |        |
|                                 |         |         |           | E2       | V            | 23.64        |             |        |
|                                 |         |         |           |          | H            | 21.47        |             |        |
|                                 | Middle  | 100     | 0         | H        | V            | 22.80        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 22.00        |             |        |
|                                 |         |         |           | E1       | V            | 21.21        |             |        |
|                                 |         |         |           |          | H            | 21.91        |             |        |
|                                 |         |         |           | E2       | V            | 22.13        |             |        |
|                                 |         |         |           |          | H            | 21.64        |             |        |
|                                 | Highest | 100     | 0         | H        | V            | 21.29        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | <b>23.98</b> |             |        |
|                                 |         |         |           | E1       | V            | 23.77        |             |        |
|                                 |         |         |           |          | H            | 21.90        |             |        |
|                                 |         |         |           | E2       | V            | 23.20        |             |        |
|                                 |         |         |           |          | H            | 22.91        |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(1.4MHz)<br>QPSK | Lowest  | 6       | 0         | H        | V            | 21.45     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 23.75     |             |        |
|                                |         |         |           | E1       | V            | 19.91     |             |        |
|                                |         |         |           |          | H            | 21.50     |             |        |
|                                |         |         |           | E2       | V            | 24.16     |             |        |
|                                |         |         |           |          | H            | 19.33     |             |        |
|                                | Middle  | 6       | 0         | H        | V            | 21.57     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 20.09     |             |        |
|                                |         |         |           | E1       | V            | 19.62     |             |        |
|                                |         |         |           |          | H            | 24.43     |             |        |
|                                |         |         |           | E2       | V            | 21.13     |             |        |
|                                |         |         |           |          | H            | 19.56     |             |        |
|                                | Highest | 6       | 0         | H        | V            | 22.37     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 22.54     |             |        |
|                                |         |         |           | E1       | V            | 19.85     |             |        |
|                                |         |         |           |          | H            | 20.91     |             |        |
|                                |         |         |           | E2       | V            | 21.35     |             |        |
|                                |         |         |           |          | H            | 22.27     |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(3MHz)<br>QPSK | Lowest  | 15      | 0         | H        | V            | 24.30     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 21.90     |             |        |
|                              |         |         |           | E1       | V            | 23.31     |             |        |
|                              |         |         |           |          | H            | 23.07     |             |        |
|                              |         |         |           | E2       | V            | 23.24     |             |        |
|                              |         |         |           |          | H            | 21.53     |             |        |
|                              | Middle  | 15      | 0         | H        | V            | 24.53     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 23.08     |             |        |
|                              |         |         |           | E1       | V            | 24.72     |             |        |
|                              |         |         |           |          | H            | 21.43     |             |        |
|                              |         |         |           | E2       | V            | 22.40     |             |        |
|                              |         |         |           |          | H            | 25.03     |             |        |
|                              | Highest | 15      | 0         | H        | V            | 21.67     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 21.73     |             |        |
|                              |         |         |           | E1       | V            | 23.94     |             |        |
|                              |         |         |           |          | H            | 21.25     |             |        |
|                              |         |         |           | E2       | V            | 23.34     |             |        |
|                              |         |         |           |          | H            | 24.66     |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(5MHz)<br>QPSK | Lowest  | 25      | 0         | H        | V            | 23.85     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 21.66     |             |        |
|                              |         |         |           | E1       | V            | 23.32     |             |        |
|                              |         |         |           |          | H            | 22.83     |             |        |
|                              |         |         |           | E2       | V            | 24.28     |             |        |
|                              |         |         |           |          | H            | 20.68     |             |        |
|                              | Middle  | 25      | 0         | H        | V            | 23.44     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 21.40     |             |        |
|                              |         |         |           | E1       | V            | 21.82     |             |        |
|                              |         |         |           |          | H            | 21.09     |             |        |
|                              |         |         |           | E2       | V            | 22.30     |             |        |
|                              |         |         |           |          | H            | 22.21     |             |        |
|                              | Highest | 25      | 0         | H        | V            | 21.17     | 30.00       | Pass   |
|                              |         |         |           |          | H            | 23.67     |             |        |
|                              |         |         |           | E1       | V            | 23.46     |             |        |
|                              |         |         |           |          | H            | 22.61     |             |        |
|                              |         |         |           | E2       | V            | 23.49     |             |        |
|                              |         |         |           |          | H            | 22.19     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(10MHz)<br>QPSK | Lowest  | 50      | 0         | H        | V            | 20.94     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 23.87     |             |        |
|                               |         |         |           | E1       | V            | 19.39     |             |        |
|                               |         |         |           |          | H            | 21.24     |             |        |
|                               |         |         |           | E2       | V            | 23.95     |             |        |
|                               |         |         |           |          | H            | 19.12     |             |        |
|                               | Middle  | 50      | 0         | H        | V            | 21.18     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 20.29     |             |        |
|                               |         |         |           | E1       | V            | 19.11     |             |        |
|                               |         |         |           |          | H            | 23.83     |             |        |
|                               |         |         |           | E2       | V            | 21.21     |             |        |
|                               |         |         |           |          | H            | 19.68     |             |        |
|                               | Highest | 50      | 0         | H        | V            | 22.86     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 22.42     |             |        |
|                               |         |         |           | E1       | V            | 19.66     |             |        |
|                               |         |         |           |          | H            | 21.28     |             |        |
|                               |         |         |           | E2       | V            | 21.68     |             |        |
|                               |         |         |           |          | H            | 21.59     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(15MHz)<br>QPSK | Lowest  | 75      | 0         | H        | V            | 24.91     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 21.72     |             |        |
|                               |         |         |           | E1       | V            | 23.66     |             |        |
|                               |         |         |           |          | H            | 22.60     |             |        |
|                               |         |         |           | E2       | V            | 23.30     |             |        |
|                               |         |         |           |          | H            | 22.38     |             |        |
|                               | Middle  | 75      | 0         | H        | V            | 23.81     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 23.29     |             |        |
|                               |         |         |           | E1       | V            | 24.01     |             |        |
|                               |         |         |           |          | H            | 21.70     |             |        |
|                               |         |         |           | E2       | V            | 21.98     |             |        |
|                               |         |         |           |          | H            | 24.98     |             |        |
|                               | Highest | 75      | 0         | H        | V            | 22.40     | 30.00       | Pass   |
|                               |         |         |           |          | H            | 21.59     |             |        |
|                               |         |         |           | E1       | V            | 23.49     |             |        |
|                               |         |         |           |          | H            | 21.69     |             |        |
|                               |         |         |           | E2       | V            | 23.43     |             |        |
|                               |         |         |           |          | H            | 21.72     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 4<br>(20MHz)<br>QPSK | Lowest  | 100     | 0         | H        | V            | 21.63        | 30.00       | Pass   |
|                               |         |         |           |          | H            | 23.27        |             |        |
|                               |         |         |           | E1       | V            | 19.66        |             |        |
|                               |         |         |           |          | H            | 21.35        |             |        |
|                               |         |         |           | E2       | V            | <b>24.98</b> |             |        |
|                               |         |         |           |          | H            | 19.26        |             |        |
|                               | Middle  | 100     | 0         | H        | V            | 21.31        | 30.00       | Pass   |
|                               |         |         |           |          | H            | 20.23        |             |        |
|                               |         |         |           | E1       | V            | 19.60        |             |        |
|                               |         |         |           |          | H            | 23.68        |             |        |
|                               |         |         |           | E2       | V            | 22.01        |             |        |
|                               |         |         |           |          | H            | 19.52        |             |        |
|                               | Highest | 100     | 0         | H        | V            | 23.12        | 30.00       | Pass   |
|                               |         |         |           |          | H            | 22.35        |             |        |
|                               |         |         |           | E1       | V            | 19.95        |             |        |
|                               |         |         |           |          | H            | 21.26        |             |        |
|                               |         |         |           | E2       | V            | 21.46        |             |        |
|                               |         |         |           |          | H            | 22.07        |             |        |

| EUT mode                         | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|----------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(1.4MHz)<br>16 QAM | Lowest  | 6       | 0         | H        | V            | 23.47     | 30.00       | Pass   |
|                                  |         |         |           |          | H            | 21.17     |             |        |
|                                  |         |         |           | E1       | V            | 23.32     |             |        |
|                                  |         |         |           |          | H            | 23.18     |             |        |
|                                  |         |         |           | E2       | V            | 23.81     |             |        |
|                                  |         |         |           |          | H            | 21.11     |             |        |
|                                  | Middle  | 6       | 0         | H        | V            | 22.82     | 30.00       | Pass   |
|                                  |         |         |           |          | H            | 21.22     |             |        |
|                                  |         |         |           | E1       | V            | 21.08     |             |        |
|                                  |         |         |           |          | H            | 21.56     |             |        |
|                                  |         |         |           | E2       | V            | 22.29     |             |        |
|                                  |         |         |           |          | H            | 22.35     |             |        |
|                                  | Highest | 6       | 0         | H        | V            | 21.37     | 30.00       | Pass   |
|                                  |         |         |           |          | H            | 23.61     |             |        |
|                                  |         |         |           | E1       | V            | 23.05     |             |        |
|                                  |         |         |           |          | H            | 21.89     |             |        |
|                                  |         |         |           | E2       | V            | 22.98     |             |        |
|                                  |         |         |           |          | H            | 22.85     |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(3MHz)<br>16 QAM | Lowest  | 15      | 0         | H        | V            | 21.04     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 23.68     |             |        |
|                                |         |         |           | E1       | V            | 20.27     |             |        |
|                                |         |         |           |          | H            | 21.77     |             |        |
|                                |         |         |           | E2       | V            | 23.72     |             |        |
|                                |         |         |           |          | H            | 19.33     |             |        |
|                                | Middle  | 15      | 0         | H        | V            | 21.36     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 20.87     |             |        |
|                                |         |         |           | E1       | V            | 19.77     |             |        |
|                                |         |         |           |          | H            | 23.75     |             |        |
|                                |         |         |           | E2       | V            | 21.75     |             |        |
|                                |         |         |           |          | H            | 19.37     |             |        |
|                                | Highest | 15      | 0         | H        | V            | 22.74     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 22.53     |             |        |
|                                |         |         |           | E1       | V            | 19.88     |             |        |
|                                |         |         |           |          | H            | 21.25     |             |        |
|                                |         |         |           | E2       | V            | 20.99     |             |        |
|                                |         |         |           |          | H            | 22.21     |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(5MHz)<br>16 QAM | Lowest  | 25      | 0         | H        | V            | 20.92     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 23.73     |             |        |
|                                |         |         |           | E1       | V            | 19.79     |             |        |
|                                |         |         |           |          | H            | 21.71     |             |        |
|                                |         |         |           | E2       | V            | 23.64     |             |        |
|                                |         |         |           |          | H            | 19.28     |             |        |
|                                | Middle  | 25      | 0         | H        | V            | 21.31     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 20.12     |             |        |
|                                |         |         |           | E1       | V            | 18.92     |             |        |
|                                |         |         |           |          | H            | 23.57     |             |        |
|                                |         |         |           | E2       | V            | 22.00     |             |        |
|                                |         |         |           |          | H            | 19.45     |             |        |
|                                | Highest | 25      | 0         | H        | V            | 22.50     | 30.00       | Pass   |
|                                |         |         |           |          | H            | 22.41     |             |        |
|                                |         |         |           | E1       | V            | 19.35     |             |        |
|                                |         |         |           |          | H            | 20.62     |             |        |
|                                |         |         |           | E2       | V            | 21.47     |             |        |
|                                |         |         |           |          | H            | 22.07     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(10MHz)<br>16 QAM | Lowest  | 50      | 0         | H        | V            | 21.61     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 23.39     |             |        |
|                                 |         |         |           | E1       | V            | 19.77     |             |        |
|                                 |         |         |           |          | H            | 21.58     |             |        |
|                                 |         |         |           | E2       | V            | 23.73     |             |        |
|                                 |         |         |           |          | H            | 19.40     |             |        |
|                                 | Middle  | 50      | 0         | H        | V            | 20.71     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 20.23     |             |        |
|                                 |         |         |           | E1       | V            | 19.27     |             |        |
|                                 |         |         |           |          | H            | 23.61     |             |        |
|                                 |         |         |           | E2       | V            | 21.32     |             |        |
|                                 |         |         |           |          | H            | 20.22     |             |        |
|                                 | Highest | 50      | 0         | H        | V            | 22.90     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 22.45     |             |        |
|                                 |         |         |           | E1       | V            | 19.99     |             |        |
|                                 |         |         |           |          | H            | 20.65     |             |        |
|                                 |         |         |           | E2       | V            | 21.64     |             |        |
|                                 |         |         |           |          | H            | 22.30     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 4<br>(15MHz)<br>16 QAM | Lowest  | 75      | 0         | H        | V            | 21.08     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 23.17     |             |        |
|                                 |         |         |           | E1       | V            | 19.58     |             |        |
|                                 |         |         |           |          | H            | 21.91     |             |        |
|                                 |         |         |           | E2       | V            | 24.13     |             |        |
|                                 |         |         |           |          | H            | 19.58     |             |        |
|                                 | Middle  | 75      | 0         | H        | V            | 21.60     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 20.65     |             |        |
|                                 |         |         |           | E1       | V            | 19.12     |             |        |
|                                 |         |         |           |          | H            | 23.70     |             |        |
|                                 |         |         |           | E2       | V            | 22.10     |             |        |
|                                 |         |         |           |          | H            | 19.81     |             |        |
|                                 | Highest | 75      | 0         | H        | V            | 22.43     | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 22.36     |             |        |
|                                 |         |         |           | E1       | V            | 19.25     |             |        |
|                                 |         |         |           |          | H            | 20.80     |             |        |
|                                 |         |         |           | E2       | V            | 21.46     |             |        |
|                                 |         |         |           |          | H            | 22.31     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 4<br>(20MHz)<br>16 QAM | Lowest  | 100     | 0         | H        | V            | 21.30        | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 23.17        |             |        |
|                                 |         |         |           | E1       | V            | 20.24        |             |        |
|                                 |         |         |           |          | H            | 21.85        |             |        |
|                                 |         |         |           | E2       | V            | <b>24.16</b> |             |        |
|                                 |         |         |           |          | H            | 18.87        |             |        |
|                                 | Middle  | 100     | 0         | H        | V            | 21.46        | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 20.72        |             |        |
|                                 |         |         |           | E1       | V            | 19.37        |             |        |
|                                 |         |         |           |          | H            | 23.82        |             |        |
|                                 |         |         |           | E2       | V            | 21.78        |             |        |
|                                 |         |         |           |          | H            | 20.00        |             |        |
|                                 | Highest | 100     | 0         | H        | V            | 22.96        | 30.00       | Pass   |
|                                 |         |         |           |          | H            | 22.49        |             |        |
|                                 |         |         |           | E1       | V            | 19.87        |             |        |
|                                 |         |         |           |          | H            | 20.75        |             |        |
|                                 |         |         |           | E2       | V            | 21.71        |             |        |
|                                 |         |         |           |          | H            | 21.75        |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5<br>(1.4MHz)<br>QPSK | Lowest  | 6       | 0         | H        | V            | 23.55    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 21.47    |             |        |
|                                |         |         |           | E1       | V            | 23.58    |             |        |
|                                |         |         |           |          | H            | 23.65    |             |        |
|                                |         |         |           | E2       | V            | 23.96    |             |        |
|                                |         |         |           |          | H            | 20.98    |             |        |
|                                | Middle  | 6       | 0         | H        | V            | 22.66    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 21.76    |             |        |
|                                |         |         |           | E1       | V            | 21.10    |             |        |
|                                |         |         |           |          | H            | 21.50    |             |        |
|                                |         |         |           | E2       | V            | 22.08    |             |        |
|                                |         |         |           |          | H            | 21.72    |             |        |
|                                | Highest | 6       | 0         | H        | V            | 20.91    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 23.88    |             |        |
|                                |         |         |           | E1       | V            | 23.84    |             |        |
|                                |         |         |           |          | H            | 22.15    |             |        |
|                                |         |         |           | E2       | V            | 22.63    |             |        |
|                                |         |         |           |          | H            | 22.40    |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5<br>(3MHz)<br>QPSK | Lowest  | 15      | 0         | H        | V            | 21.42    | 38.45       | Pass   |
|                              |         |         |           |          | H            | 23.47    |             |        |
|                              |         |         |           | E1       | V            | 20.08    |             |        |
|                              |         |         |           |          | H            | 22.02    |             |        |
|                              |         |         |           | E2       | V            | 24.06    |             |        |
|                              |         |         |           |          | H            | 19.27    |             |        |
|                              | Middle  | 15      | 0         | H        | V            | 20.75    | 38.45       | Pass   |
|                              |         |         |           |          | H            | 20.18    |             |        |
|                              |         |         |           | E1       | V            | 19.23    |             |        |
|                              |         |         |           |          | H            | 23.91    |             |        |
|                              |         |         |           | E2       | V            | 21.86    |             |        |
|                              |         |         |           |          | H            | 19.97    |             |        |
|                              | Highest | 15      | 0         | H        | V            | 22.55    | 38.45       | Pass   |
|                              |         |         |           |          | H            | 22.51    |             |        |
|                              |         |         |           | E1       | V            | 19.34    |             |        |
|                              |         |         |           |          | H            | 21.47    |             |        |
|                              |         |         |           | E2       | V            | 21.33    |             |        |
|                              |         |         |           |          | H            | 22.34    |             |        |

| EUT mode               | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5 (5MHz) QPSK | Lowest  | 25      | 0         | H        | V            | 21.77    | 38.45       | Pass   |
|                        |         |         |           |          | H            | 23.53    |             |        |
|                        |         |         |           | E1       | V            | 19.41    |             |        |
|                        |         |         |           |          | H            | 21.34    |             |        |
|                        |         |         |           | E2       | V            | 23.83    |             |        |
|                        |         |         |           |          | H            | 19.06    |             |        |
|                        | Middle  | 25      | 0         | H        | V            | 21.28    | 38.45       | Pass   |
|                        |         |         |           |          | H            | 20.90    |             |        |
|                        |         |         |           | E1       | V            | 19.57    |             |        |
|                        |         |         |           |          | H            | 24.17    |             |        |
|                        |         |         |           | E2       | V            | 21.29    |             |        |
|                        |         |         |           |          | H            | 19.97    |             |        |
|                        | Highest | 25      | 0         | H        | V            | 22.31    | 38.45       | Pass   |
|                        |         |         |           |          | H            | 22.82    |             |        |
|                        |         |         |           | E1       | V            | 19.94    |             |        |
|                        |         |         |           |          | H            | 21.15    |             |        |
|                        |         |         |           | E2       | V            | 20.92    |             |        |
|                        |         |         |           |          | H            | 21.56    |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm)     | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 5<br>(10MHz)<br>QPSK | Lowest  | 50      | 0         | H        | V            | 21.80        | 38.45       | Pass   |
|                               |         |         |           |          | H            | 23.80        |             |        |
|                               |         |         |           | E1       | V            | 19.50        |             |        |
|                               |         |         |           |          | H            | 21.29        |             |        |
|                               |         |         |           | E2       | V            | <b>24.53</b> |             |        |
|                               |         |         |           |          | H            | 19.24        |             |        |
|                               | Middle  | 50      | 0         | H        | V            | 21.52        | 38.45       | Pass   |
|                               |         |         |           |          | H            | 20.64        |             |        |
|                               |         |         |           | E1       | V            | 19.47        |             |        |
|                               |         |         |           |          | H            | 24.46        |             |        |
|                               |         |         |           | E2       | V            | 21.95        |             |        |
|                               |         |         |           |          | H            | 19.54        |             |        |
|                               | Highest | 50      | 0         | H        | V            | 22.55        | 38.45       | Pass   |
|                               |         |         |           |          | H            | 22.47        |             |        |
|                               |         |         |           | E1       | V            | 20.12        |             |        |
|                               |         |         |           |          | H            | 21.35        |             |        |
|                               |         |         |           | E2       | V            | 20.82        |             |        |
|                               |         |         |           |          | H            | 25.23        |             |        |

| EUT mode                         | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|----------------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5<br>(1.4MHz)<br>16 QAM | Lowest  | 6       | 0         | H        | V            | 21.76    | 38.45       | Pass   |
|                                  |         |         |           |          | H            | 23.59    |             |        |
|                                  |         |         |           | E1       | V            | 20.27    |             |        |
|                                  |         |         |           |          | H            | 21.52    |             |        |
|                                  |         |         |           | E2       | V            | 23.84    |             |        |
|                                  |         |         |           |          | H            | 19.14    |             |        |
|                                  | Middle  | 6       | 0         | H        | V            | 20.92    | 38.45       | Pass   |
|                                  |         |         |           |          | H            | 20.88    |             |        |
|                                  |         |         |           | E1       | V            | 19.10    |             |        |
|                                  |         |         |           |          | H            | 24.15    |             |        |
|                                  |         |         |           | E2       | V            | 21.14    |             |        |
|                                  |         |         |           |          | H            | 19.56    |             |        |
|                                  | Highest | 6       | 0         | H        | V            | 23.13    | 38.45       | Pass   |
|                                  |         |         |           |          | H            | 22.50    |             |        |
|                                  |         |         |           | E1       | V            | 19.98    |             |        |
|                                  |         |         |           |          | H            | 20.84    |             |        |
|                                  |         |         |           | E2       | V            | 21.28    |             |        |
|                                  |         |         |           |          | H            | 22.13    |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5<br>(3MHz)<br>16 QAM | Lowest  | 15      | 0         | H        | V            | 21.01    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 23.28    |             |        |
|                                |         |         |           | E1       | V            | 19.41    |             |        |
|                                |         |         |           |          | H            | 21.38    |             |        |
|                                |         |         |           | E2       | V            | 24.23    |             |        |
|                                |         |         |           |          | H            | 19.12    |             |        |
|                                | Middle  | 15      | 0         | H        | V            | 21.39    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 20.47    |             |        |
|                                |         |         |           | E1       | V            | 19.73    |             |        |
|                                |         |         |           |          | H            | 24.29    |             |        |
|                                |         |         |           | E2       | V            | 21.12    |             |        |
|                                |         |         |           |          | H            | 20.13    |             |        |
|                                | Highest | 15      | 0         | H        | V            | 23.11    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 23.07    |             |        |
|                                |         |         |           | E1       | V            | 19.19    |             |        |
|                                |         |         |           |          | H            | 21.44    |             |        |
|                                |         |         |           | E2       | V            | 21.67    |             |        |
|                                |         |         |           |          | H            | 21.83    |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|----------|-------------|--------|
| LTE Band 5<br>(5MHz)<br>16 QAM | Lowest  | 25      | 0         | H        | V            | 21.44    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 23.53    |             |        |
|                                |         |         |           | E1       | V            | 19.68    |             |        |
|                                |         |         |           |          | H            | 21.88    |             |        |
|                                |         |         |           | E2       | V            | 23.96    |             |        |
|                                |         |         |           |          | H            | 19.15    |             |        |
|                                | Middle  | 25      | 0         | H        | V            | 21.02    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 20.73    |             |        |
|                                |         |         |           | E1       | V            | 19.53    |             |        |
|                                |         |         |           |          | H            | 24.31    |             |        |
|                                |         |         |           | E2       | V            | 21.49    |             |        |
|                                |         |         |           |          | H            | 19.69    |             |        |
|                                | Highest | 25      | 0         | H        | V            | 22.68    | 38.45       | Pass   |
|                                |         |         |           |          | H            | 22.87    |             |        |
|                                |         |         |           | E1       | V            | 20.05    |             |        |
|                                |         |         |           |          | H            | 21.25    |             |        |
|                                |         |         |           | E2       | V            | 21.32    |             |        |
|                                |         |         |           |          | H            | 22.02    |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | ERP(dBm)     | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 5<br>(10MHz)<br>16 QAM | Lowest  | 50      | 0         | H        | V            | 21.83        | 38.45       | Pass   |
|                                 |         |         |           |          | H            | 23.38        |             |        |
|                                 |         |         |           | E1       | V            | 20.25        |             |        |
|                                 |         |         |           |          | H            | 21.70        |             |        |
|                                 |         |         |           | E2       | V            | <b>24.73</b> |             |        |
|                                 |         |         |           |          | H            | 19.47        |             |        |
|                                 | Middle  | 50      | 0         | H        | V            | 20.76        | 38.45       | Pass   |
|                                 |         |         |           |          | H            | 20.07        |             |        |
|                                 |         |         |           | E1       | V            | 19.03        |             |        |
|                                 |         |         |           |          | H            | 23.64        |             |        |
|                                 |         |         |           | E2       | V            | 21.89        |             |        |
|                                 |         |         |           |          | H            | 20.15        |             |        |
|                                 | Highest | 50      | 0         | H        | V            | 22.68        | 38.45       | Pass   |
|                                 |         |         |           |          | H            | 22.49        |             |        |
|                                 |         |         |           | E1       | V            | 19.71        |             |        |
|                                 |         |         |           |          | H            | 21.19        |             |        |
|                                 |         |         |           | E2       | V            | 21.71        |             |        |
|                                 |         |         |           |          | H            | 22.60        |             |        |

| EUT mode                     | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7<br>(5MHz)<br>QPSK | Lowest  | 25      | 0         | H        | V            | 21.82     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 23.63     |             |        |
|                              |         |         |           | E1       | V            | 19.77     |             |        |
|                              |         |         |           |          | H            | 21.48     |             |        |
|                              |         |         |           | E2       | V            | 24.09     |             |        |
|                              |         |         |           |          | H            | 19.12     |             |        |
|                              | Middle  | 25      | 0         | H        | V            | 21.16     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 20.60     |             |        |
|                              |         |         |           | E1       | V            | 19.40     |             |        |
|                              |         |         |           |          | H            | 24.15     |             |        |
|                              |         |         |           | E2       | V            | 21.59     |             |        |
|                              |         |         |           |          | H            | 19.98     |             |        |
|                              | Highest | 25      | 0         | H        | V            | 22.88     | 33.00       | Pass   |
|                              |         |         |           |          | H            | 23.21     |             |        |
|                              |         |         |           | E1       | V            | 19.41     |             |        |
|                              |         |         |           |          | H            | 21.19     |             |        |
|                              |         |         |           | E2       | V            | 21.05     |             |        |
|                              |         |         |           |          | H            | 21.75     |             |        |

| EUT mode                      | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7<br>(10MHz)<br>QPSK | Lowest  | 50      | 0         | H        | V            | 21.17     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 23.93     |             |        |
|                               |         |         |           | E1       | V            | 19.46     |             |        |
|                               |         |         |           |          | H            | 22.15     |             |        |
|                               |         |         |           | E2       | V            | 24.19     |             |        |
|                               |         |         |           |          | H            | 19.29     |             |        |
|                               | Middle  | 50      | 0         | H        | V            | 20.70     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 20.72     |             |        |
|                               |         |         |           | E1       | V            | 18.90     |             |        |
|                               |         |         |           |          | H            | 24.28     |             |        |
|                               |         |         |           | E2       | V            | 21.99     |             |        |
|                               |         |         |           |          | H            | 19.62     |             |        |
|                               | Highest | 50      | 0         | H        | V            | 22.47     | 33.00       | Pass   |
|                               |         |         |           |          | H            | 22.29     |             |        |
|                               |         |         |           | E1       | V            | 19.39     |             |        |
|                               |         |         |           |          | H            | 20.93     |             |        |
|                               |         |         |           | E2       | V            | 21.68     |             |        |
|                               |         |         |           |          | H            | 25.12     |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7 (15MHz) QPSK | Lowest  | 75      | 0         | H        | V            | 21.66     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 23.39     |             |        |
|                         |         |         |           | E1       | V            | 19.44     |             |        |
|                         |         |         |           |          | H            | 21.56     |             |        |
|                         |         |         |           | E2       | V            | 24.22     |             |        |
|                         |         |         |           |          | H            | 19.24     |             |        |
|                         | Middle  | 75      | 0         | H        | V            | 21.18     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 20.13     |             |        |
|                         |         |         |           | E1       | V            | 18.91     |             |        |
|                         |         |         |           |          | H            | 24.07     |             |        |
|                         |         |         |           | E2       | V            | 21.39     |             |        |
|                         |         |         |           |          | H            | 19.38     |             |        |
|                         | Highest | 75      | 0         | H        | V            | 22.92     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.70     |             |        |
|                         |         |         |           | E1       | V            | 19.69     |             |        |
|                         |         |         |           |          | H            | 21.23     |             |        |
|                         |         |         |           | E2       | V            | 21.32     |             |        |
|                         |         |         |           |          | H            | 22.56     |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 7 (20MHz) QPSK | Lowest  | 100     | 0         | H        | V            | 21.26        | 33.00       | Pass   |
|                         |         |         |           |          | H            | 23.07        |             |        |
|                         |         |         |           | E1       | V            | 19.93        |             |        |
|                         |         |         |           |          | H            | 21.94        |             |        |
|                         |         |         |           | E2       | V            | <b>24.41</b> |             |        |
|                         |         |         |           |          | H            | 18.88        |             |        |
|                         | Middle  | 100     | 0         | H        | V            | 21.10        | 33.00       | Pass   |
|                         |         |         |           |          | H            | 20.28        |             |        |
|                         |         |         |           | E1       | V            | 19.14        |             |        |
|                         |         |         |           |          | H            | 23.68        |             |        |
|                         |         |         |           | E2       | V            | 21.21        |             |        |
|                         |         |         |           |          | H            | 19.70        |             |        |
|                         | Highest | 100     | 0         | H        | V            | 22.52        | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.99        |             |        |
|                         |         |         |           | E1       | V            | 19.15        |             |        |
|                         |         |         |           |          | H            | 21.13        |             |        |
|                         |         |         |           | E2       | V            | 21.16        |             |        |
|                         |         |         |           |          | H            | 21.78        |             |        |

| EUT mode                       | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7<br>(5MHz)<br>16 QAM | Lowest  | 25      | 0         | H        | V            | 21.64     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 23.26     |             |        |
|                                |         |         |           | E1       | V            | 20.15     |             |        |
|                                |         |         |           |          | H            | 21.50     |             |        |
|                                |         |         |           | E2       | V            | 24.11     |             |        |
|                                |         |         |           |          | H            | 18.93     |             |        |
|                                | Middle  | 25      | 0         | H        | V            | 20.74     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 20.45     |             |        |
|                                |         |         |           | E1       | V            | 19.72     |             |        |
|                                |         |         |           |          | H            | 24.31     |             |        |
|                                |         |         |           | E2       | V            | 21.96     |             |        |
|                                |         |         |           |          | H            | 19.27     |             |        |
|                                | Highest | 25      | 0         | H        | V            | 23.13     | 33.00       | Pass   |
|                                |         |         |           |          | H            | 22.59     |             |        |
|                                |         |         |           | E1       | V            | 19.80     |             |        |
|                                |         |         |           |          | H            | 21.15     |             |        |
|                                |         |         |           | E2       | V            | 21.35     |             |        |
|                                |         |         |           |          | H            | 24.15     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7<br>(10MHz)<br>16 QAM | Lowest  | 50      | 0         | H        | V            | 21.18     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.70     |             |        |
|                                 |         |         |           | E1       | V            | 20.36     |             |        |
|                                 |         |         |           |          | H            | 21.29     |             |        |
|                                 |         |         |           | E2       | V            | 23.85     |             |        |
|                                 |         |         |           |          | H            | 19.38     |             |        |
|                                 | Middle  | 50      | 0         | H        | V            | 20.65     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 19.99     |             |        |
|                                 |         |         |           | E1       | V            | 19.69     |             |        |
|                                 |         |         |           |          | H            | 24.06     |             |        |
|                                 |         |         |           | E2       | V            | 21.44     |             |        |
|                                 |         |         |           |          | H            | 19.79     |             |        |
|                                 | Highest | 50      | 0         | H        | V            | 23.09     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.22     |             |        |
|                                 |         |         |           | E1       | V            | 19.83     |             |        |
|                                 |         |         |           |          | H            | 20.78     |             |        |
|                                 |         |         |           | E2       | V            | 21.12     |             |        |
|                                 |         |         |           |          | H            | 22.10     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 7<br>(15MHz)<br>16 QAM | Lowest  | 75      | 0         | H        | V            | 21.35     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.36     |             |        |
|                                 |         |         |           | E1       | V            | 19.78     |             |        |
|                                 |         |         |           |          | H            | 21.62     |             |        |
|                                 |         |         |           | E2       | V            | 23.91     |             |        |
|                                 |         |         |           |          | H            | 18.66     |             |        |
|                                 | Middle  | 75      | 0         | H        | V            | 21.03     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 19.96     |             |        |
|                                 |         |         |           | E1       | V            | 19.82     |             |        |
|                                 |         |         |           |          | H            | 24.16     |             |        |
|                                 |         |         |           | E2       | V            | 21.69     |             |        |
|                                 |         |         |           |          | H            | 19.97     |             |        |
|                                 | Highest | 75      | 0         | H        | V            | 22.64     | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.27     |             |        |
|                                 |         |         |           | E1       | V            | 19.16     |             |        |
|                                 |         |         |           |          | H            | 21.29     |             |        |
|                                 |         |         |           | E2       | V            | 21.06     |             |        |
|                                 |         |         |           |          | H            | 21.91     |             |        |

| EUT mode                        | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|---------------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 7<br>(20MHz)<br>16 QAM | Lowest  | 100     | 0         | H        | V            | 21.20        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 23.20        |             |        |
|                                 |         |         |           | E1       | V            | 19.93        |             |        |
|                                 |         |         |           |          | H            | 21.73        |             |        |
|                                 |         |         |           | E2       | V            | 24.43        |             |        |
|                                 |         |         |           |          | H            | 18.91        |             |        |
|                                 | Middle  | 100     | 0         | H        | V            | 20.94        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 19.99        |             |        |
|                                 |         |         |           | E1       | V            | 19.14        |             |        |
|                                 |         |         |           |          | H            | 23.99        |             |        |
|                                 |         |         |           | E2       | V            | 21.72        |             |        |
|                                 |         |         |           |          | H            | 19.29        |             |        |
|                                 | Highest | 100     | 0         | H        | V            | 22.44        | 33.00       | Pass   |
|                                 |         |         |           |          | H            | 22.48        |             |        |
|                                 |         |         |           | E1       | V            | 19.52        |             |        |
|                                 |         |         |           |          | H            | 20.96        |             |        |
|                                 |         |         |           | E2       | V            | 21.61        |             |        |
|                                 |         |         |           |          | H            | <b>25.23</b> |             |        |

| EUT mode                  | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (1.4MHz) QPSK | Lowest  | 6       | 0         | H        | V            | 21.64     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 23.12     |             |        |
|                           |         |         |           | E1       | V            | 19.41     |             |        |
|                           |         |         |           |          | H            | 21.27     |             |        |
|                           |         |         |           | E2       | V            | 24.06     |             |        |
|                           |         |         |           |          | H            | 18.79     |             |        |
|                           | Middle  | 6       | 0         | H        | V            | 21.34     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 20.16     |             |        |
|                           |         |         |           | E1       | V            | 19.47     |             |        |
|                           |         |         |           |          | H            | 24.39     |             |        |
|                           |         |         |           | E2       | V            | 21.51     |             |        |
|                           |         |         |           |          | H            | 19.47     |             |        |
|                           | Highest | 6       | 0         | H        | V            | 23.09     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 22.59     |             |        |
|                           |         |         |           | E1       | V            | 19.32     |             |        |
|                           |         |         |           |          | H            | 21.43     |             |        |
|                           |         |         |           | E2       | V            | 21.08     |             |        |
|                           |         |         |           |          | H            | 22.89     |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (3MHz) QPSK | Lowest  | 15      | 0         | H        | V            | 21.96     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 20.09     |             |        |
|                         |         |         |           | E1       | V            | 23.96     |             |        |
|                         |         |         |           |          | H            | 22.86     |             |        |
|                         |         |         |           | E2       | V            | 20.87     |             |        |
|                         |         |         |           |          | H            | 21.42     |             |        |
|                         | Middle  | 15      | 0         | H        | V            | 23.54     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 21.87     |             |        |
|                         |         |         |           | E1       | V            | 23.87     |             |        |
|                         |         |         |           |          | H            | 22.90     |             |        |
|                         |         |         |           | E2       | V            | 22.24     |             |        |
|                         |         |         |           |          | H            | 20.68     |             |        |
|                         | Highest | 15      | 0         | H        | V            | 22.55     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.14     |             |        |
|                         |         |         |           | E1       | V            | 23.83     |             |        |
|                         |         |         |           |          | H            | 23.36     |             |        |
|                         |         |         |           | E2       | V            | 23.10     |             |        |
|                         |         |         |           |          | H            | 20.28     |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (5MHz) QPSK | Lowest  | 25      | 0         | H        | V            | 21.13     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 23.19     |             |        |
|                         |         |         |           | E1       | V            | 19.56     |             |        |
|                         |         |         |           |          | H            | 21.49     |             |        |
|                         |         |         |           | E2       | V            | 24.08     |             |        |
|                         |         |         |           |          | H            | 19.14     |             |        |
|                         | Middle  | 25      | 0         | H        | V            | 21.19     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 20.22     |             |        |
|                         |         |         |           | E1       | V            | 18.93     |             |        |
|                         |         |         |           |          | H            | 23.85     |             |        |
|                         |         |         |           | E2       | V            | 21.74     |             |        |
|                         |         |         |           |          | H            | 19.59     |             |        |
|                         | Highest | 25      | 0         | H        | V            | 22.27     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.92     |             |        |
|                         |         |         |           | E1       | V            | 19.79     |             |        |
|                         |         |         |           |          | H            | 20.96     |             |        |
|                         |         |         |           | E2       | V            | 20.93     |             |        |
|                         |         |         |           |          | H            | 21.69     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 12 (10MHz) QPSK | Lowest  | 50      | 0         | H        | V            | 21.56        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.92        |             |        |
|                          |         |         |           | E1       | V            | 20.35        |             |        |
|                          |         |         |           |          | H            | 21.55        |             |        |
|                          |         |         |           | E2       | V            | 24.32        |             |        |
|                          |         |         |           |          | H            | 19.38        |             |        |
|                          | Middle  | 50      | 0         | H        | V            | 21.02        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.86        |             |        |
|                          |         |         |           | E1       | V            | 19.20        |             |        |
|                          |         |         |           |          | H            | 23.88        |             |        |
|                          |         |         |           | E2       | V            | 22.05        |             |        |
|                          |         |         |           |          | H            | 20.10        |             |        |
|                          | Highest | 50      | 0         | H        | V            | 23.01        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.12        |             |        |
|                          |         |         |           | E1       | V            | 19.19        |             |        |
|                          |         |         |           |          | H            | 20.94        |             |        |
|                          |         |         |           | E2       | V            | 20.99        |             |        |
|                          |         |         |           |          | H            | <b>24.73</b> |             |        |

| EUT mode                   | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|----------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (1.4MHz) 16QAM | Lowest  | 6       | 0         | H        | V            | 21.82     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 23.94     |             |        |
|                            |         |         |           | E1       | V            | 19.90     |             |        |
|                            |         |         |           |          | H            | 21.96     |             |        |
|                            |         |         |           | E2       | V            | 24.03     |             |        |
|                            |         |         |           |          | H            | 19.38     |             |        |
|                            | Middle  | 6       | 0         | H        | V            | 20.66     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 20.31     |             |        |
|                            |         |         |           | E1       | V            | 19.68     |             |        |
|                            |         |         |           |          | H            | 24.08     |             |        |
|                            |         |         |           | E2       | V            | 21.91     |             |        |
|                            |         |         |           |          | H            | 20.02     |             |        |
|                            | Highest | 6       | 0         | H        | V            | 22.98     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 22.42     |             |        |
|                            |         |         |           | E1       | V            | 19.60     |             |        |
|                            |         |         |           |          | H            | 20.58     |             |        |
|                            |         |         |           | E2       | V            | 20.84     |             |        |
|                            |         |         |           |          | H            | 22.15     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (3MHz) 16QAM | Lowest  | 15      | 0         | H        | V            | 20.90     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.71     |             |        |
|                          |         |         |           | E1       | V            | 19.59     |             |        |
|                          |         |         |           |          | H            | 21.43     |             |        |
|                          |         |         |           | E2       | V            | 24.28     |             |        |
|                          |         |         |           |          | H            | 19.44     |             |        |
|                          | Middle  | 15      | 0         | H        | V            | 20.63     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.21     |             |        |
|                          |         |         |           | E1       | V            | 19.57     |             |        |
|                          |         |         |           |          | H            | 23.63     |             |        |
|                          |         |         |           | E2       | V            | 21.72     |             |        |
|                          |         |         |           |          | H            | 20.16     |             |        |
|                          | Highest | 15      | 0         | H        | V            | 22.79     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.13     |             |        |
|                          |         |         |           | E1       | V            | 19.55     |             |        |
|                          |         |         |           |          | H            | 21.22     |             |        |
|                          |         |         |           | E2       | V            | 21.25     |             |        |
|                          |         |         |           |          | H            | 22.16     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 12 (5MHz) 16QAM | Lowest  | 25      | 0         | H        | V            | 21.08     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.68     |             |        |
|                          |         |         |           | E1       | V            | 19.92     |             |        |
|                          |         |         |           |          | H            | 21.59     |             |        |
|                          |         |         |           | E2       | V            | 24.06     |             |        |
|                          |         |         |           |          | H            | 19.32     |             |        |
|                          | Middle  | 25      | 0         | H        | V            | 20.92     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.65     |             |        |
|                          |         |         |           | E1       | V            | 19.79     |             |        |
|                          |         |         |           |          | H            | 23.49     |             |        |
|                          |         |         |           | E2       | V            | 21.21     |             |        |
|                          |         |         |           |          | H            | 19.63     |             |        |
|                          | Highest | 25      | 0         | H        | V            | 22.86     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 22.98     |             |        |
|                          |         |         |           | E1       | V            | 20.12     |             |        |
|                          |         |         |           |          | H            | 20.64     |             |        |
|                          |         |         |           | E2       | V            | 20.84     |             |        |
|                          |         |         |           |          | H            | 24.33     |             |        |

| EUT mode                  | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|---------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 12 (10MHz) 16QAM | Lowest  | 50      | 0         | H        | V            | 21.11        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 23.85        |             |        |
|                           |         |         |           | E1       | V            | 19.92        |             |        |
|                           |         |         |           |          | H            | 21.52        |             |        |
|                           |         |         |           | E2       | V            | 23.91        |             |        |
|                           |         |         |           |          | H            | 19.21        |             |        |
|                           | Middle  | 50      | 0         | H        | V            | 20.96        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 20.11        |             |        |
|                           |         |         |           | E1       | V            | 19.27        |             |        |
|                           |         |         |           |          | H            | <b>24.40</b> |             |        |
|                           |         |         |           | E2       | V            | 22.00        |             |        |
|                           |         |         |           |          | H            | 19.47        |             |        |
|                           | Highest | 50      | 0         | H        | V            | 23.14        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 22.49        |             |        |
|                           |         |         |           | E1       | V            | 20.02        |             |        |
|                           |         |         |           |          | H            | 20.64        |             |        |
|                           |         |         |           | E2       | V            | 20.89        |             |        |
|                           |         |         |           |          | H            | 22.31        |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 17 (5MHz) QPSK | Lowest  | 25      | 0         | H        | V            | 21.15     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 23.27     |             |        |
|                         |         |         |           | E1       | V            | 19.66     |             |        |
|                         |         |         |           |          | H            | 21.82     |             |        |
|                         |         |         |           | E2       | V            | 24.11     |             |        |
|                         |         |         |           |          | H            | 18.81     |             |        |
|                         | Middle  | 25      | 0         | H        | V            | 20.94     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 19.94     |             |        |
|                         |         |         |           | E1       | V            | 18.97     |             |        |
|                         |         |         |           |          | H            | 23.95     |             |        |
|                         |         |         |           | E2       | V            | 21.52     |             |        |
|                         |         |         |           |          | H            | 19.49     |             |        |
|                         | Highest | 25      | 0         | H        | V            | 22.42     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.32     |             |        |
|                         |         |         |           | E1       | V            | 19.63     |             |        |
|                         |         |         |           |          | H            | 20.64     |             |        |
|                         |         |         |           | E2       | V            | 20.84     |             |        |
|                         |         |         |           |          | H            | 22.12     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 17 (10MHz) QPSK | Lowest  | 50      | 0         | H        | V            | 21.18        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.21        |             |        |
|                          |         |         |           | E1       | V            | 20.04        |             |        |
|                          |         |         |           |          | H            | 21.46        |             |        |
|                          |         |         |           | E2       | V            | 24.10        |             |        |
|                          |         |         |           |          | H            | 18.71        |             |        |
|                          | Middle  | 50      | 0         | H        | V            | 21.04        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.72        |             |        |
|                          |         |         |           | E1       | V            | 19.88        |             |        |
|                          |         |         |           |          | H            | <b>24.34</b> |             |        |
|                          |         |         |           | E2       | V            | 21.19        |             |        |
|                          |         |         |           |          | H            | 19.93        |             |        |
|                          | Highest | 50      | 0         | H        | V            | 23.10        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.04        |             |        |
|                          |         |         |           | E1       | V            | 20.09        |             |        |
|                          |         |         |           |          | H            | 20.59        |             |        |
|                          |         |         |           | E2       | V            | 21.37        |             |        |
|                          |         |         |           |          | H            | 22.97        |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 17 (5MHz) 16QAM | Lowest  | 25      | 0         | H        | V            | 21.88     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.13     |             |        |
|                          |         |         |           | E1       | V            | 23.77     |             |        |
|                          |         |         |           |          | H            | 22.98     |             |        |
|                          |         |         |           | E2       | V            | 20.82     |             |        |
|                          |         |         |           |          | H            | 21.37     |             |        |
|                          | Middle  | 25      | 0         | H        | V            | 23.53     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 21.82     |             |        |
|                          |         |         |           | E1       | V            | 23.79     |             |        |
|                          |         |         |           |          | H            | 23.04     |             |        |
|                          |         |         |           | E2       | V            | 22.22     |             |        |
|                          |         |         |           |          | H            | 20.70     |             |        |
|                          | Highest | 25      | 0         | H        | V            | 22.50     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 22.08     |             |        |
|                          |         |         |           | E1       | V            | 23.65     |             |        |
|                          |         |         |           |          | H            | 23.46     |             |        |
|                          |         |         |           | E2       | V            | 23.10     |             |        |
|                          |         |         |           |          | H            | 20.39     |             |        |

| EUT mode                  | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|---------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 17 (10MHz) 16QAM | Lowest  | 50      | 0         | H        | V            | 21.38        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 23.21        |             |        |
|                           |         |         |           | E1       | V            | 20.14        |             |        |
|                           |         |         |           |          | H            | 21.74        |             |        |
|                           |         |         |           | E2       | V            | <b>23.81</b> |             |        |
|                           |         |         |           |          | H            | 19.13        |             |        |
|                           | Middle  | 50      | 0         | H        | V            | 21.16        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 20.08        |             |        |
|                           |         |         |           | E1       | V            | 19.87        |             |        |
|                           |         |         |           |          | H            | 23.53        |             |        |
|                           |         |         |           | E2       | V            | 21.17        |             |        |
|                           |         |         |           |          | H            | 20.24        |             |        |
|                           | Highest | 50      | 0         | H        | V            | 23.04        | 33.00       | Pass   |
|                           |         |         |           |          | H            | 22.63        |             |        |
|                           |         |         |           | E1       | V            | 19.85        |             |        |
|                           |         |         |           |          | H            | 20.99        |             |        |
|                           |         |         |           | E2       | V            | 21.76        |             |        |
|                           |         |         |           |          | H            | 21.70        |             |        |

| EUT mode                | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|-------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (5MHz) QPSK | Lowest  | 25      | 0         | H        | V            | 22.01     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 20.11     |             |        |
|                         |         |         |           | E1       | V            | 23.93     |             |        |
|                         |         |         |           |          | H            | 22.91     |             |        |
|                         |         |         |           | E2       | V            | 20.77     |             |        |
|                         |         |         |           |          | H            | 21.33     |             |        |
|                         | Middle  | 25      | 0         | H        | V            | 23.52     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 21.90     |             |        |
|                         |         |         |           | E1       | V            | 23.91     |             |        |
|                         |         |         |           |          | H            | 22.92     |             |        |
|                         |         |         |           | E2       | V            | 22.14     |             |        |
|                         |         |         |           |          | H            | 20.67     |             |        |
|                         | Highest | 25      | 0         | H        | V            | 22.55     | 33.00       | Pass   |
|                         |         |         |           |          | H            | 22.10     |             |        |
|                         |         |         |           | E1       | V            | 23.72     |             |        |
|                         |         |         |           |          | H            | 23.38     |             |        |
|                         |         |         |           | E2       | V            | 23.02     |             |        |
|                         |         |         |           |          | H            | 20.42     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (10MHz) QPSK | Lowest  | 50      | 0         | H        | V            | 21.61     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.42     |             |        |
|                          |         |         |           | E1       | V            | 19.96     |             |        |
|                          |         |         |           |          | H            | 22.08     |             |        |
|                          |         |         |           | E2       | V            | 24.28     |             |        |
|                          |         |         |           |          | H            | 19.19     |             |        |
|                          | Middle  | 50      | 0         | H        | V            | 21.36     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.43     |             |        |
|                          |         |         |           | E1       | V            | 19.73     |             |        |
|                          |         |         |           |          | H            | 23.48     |             |        |
|                          |         |         |           | E2       | V            | 21.51     |             |        |
|                          |         |         |           |          | H            | 19.28     |             |        |
|                          | Highest | 50      | 0         | H        | V            | 22.31     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 22.88     |             |        |
|                          |         |         |           | E1       | V            | 19.48     |             |        |
|                          |         |         |           |          | H            | 21.12     |             |        |
|                          |         |         |           | E2       | V            | 21.09     |             |        |
|                          |         |         |           |          | H            | 24.32     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (15MHz) QPSK | Lowest  | 75      | 0         | H        | V            | 21.23     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.45     |             |        |
|                          |         |         |           | E1       | V            | 20.21     |             |        |
|                          |         |         |           |          | H            | 21.50     |             |        |
|                          |         |         |           | E2       | V            | 23.78     |             |        |
|                          |         |         |           |          | H            | 18.77     |             |        |
|                          | Middle  | 75      | 0         | H        | V            | 21.02     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.64     |             |        |
|                          |         |         |           | E1       | V            | 18.98     |             |        |
|                          |         |         |           |          | H            | 24.42     |             |        |
|                          |         |         |           | E2       | V            | 21.45     |             |        |
|                          |         |         |           |          | H            | 19.70     |             |        |
|                          | Highest | 75      | 0         | H        | V            | 22.19     | 33.00       | Pass   |
|                          |         |         |           |          | H            | 22.29     |             |        |
|                          |         |         |           | E1       | V            | 19.82     |             |        |
|                          |         |         |           |          | H            | 21.31     |             |        |
|                          |         |         |           | E2       | V            | 21.18     |             |        |
|                          |         |         |           |          | H            | 21.53     |             |        |

| EUT mode                 | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|--------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 41 (20MHz) QPSK | Lowest  | 100     | 0         | H        | V            | 21.51        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 23.19        |             |        |
|                          |         |         |           | E1       | V            | 20.29        |             |        |
|                          |         |         |           |          | H            | 21.91        |             |        |
|                          |         |         |           | E2       | V            | 23.76        |             |        |
|                          |         |         |           |          | H            | 19.30        |             |        |
|                          | Middle  | 100     | 0         | H        | V            | 21.46        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 20.24        |             |        |
|                          |         |         |           | E1       | V            | 19.24        |             |        |
|                          |         |         |           |          | H            | <b>24.52</b> |             |        |
|                          |         |         |           | E2       | V            | 21.83        |             |        |
|                          |         |         |           |          | H            | 20.11        |             |        |
|                          | Highest | 100     | 0         | H        | V            | 22.82        | 33.00       | Pass   |
|                          |         |         |           |          | H            | 22.51        |             |        |
|                          |         |         |           | E1       | V            | 19.64        |             |        |
|                          |         |         |           |          | H            | 20.58        |             |        |
|                          |         |         |           | E2       | V            | 21.34        |             |        |
|                          |         |         |           |          | H            | 21.59        |             |        |

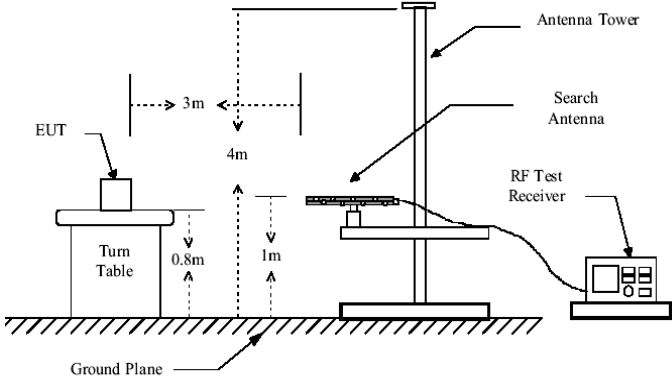
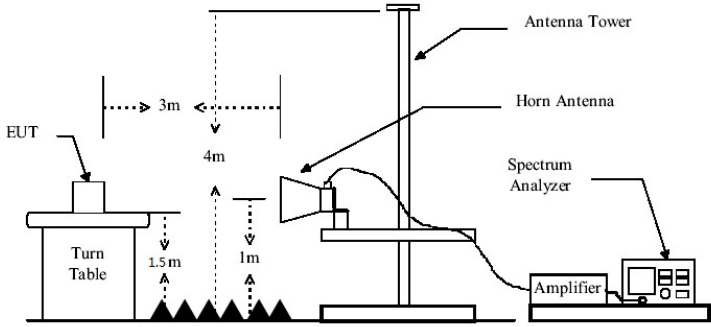
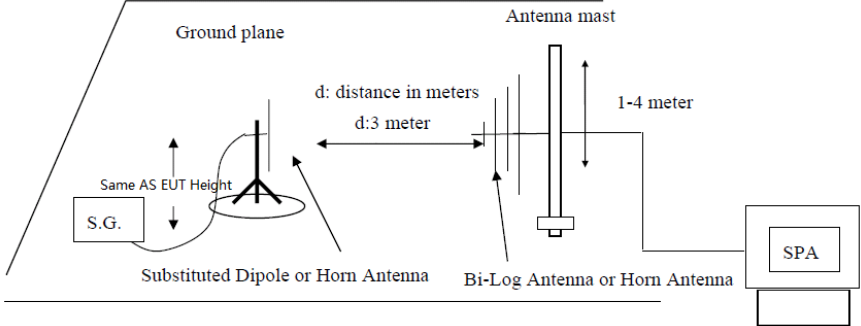
| EUT mode                  | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|---------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (5MHz) 16 QAM | Lowest  | 25      | 0         | H        | V            | 21.71     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 23.07     |             |        |
|                           |         |         |           | E1       | V            | 19.85     |             |        |
|                           |         |         |           |          | H            | 21.95     |             |        |
|                           |         |         |           | E2       | V            | 23.72     |             |        |
|                           |         |         |           |          | H            | 19.44     |             |        |
|                           | Middle  | 25      | 0         | H        | V            | 20.75     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 20.05     |             |        |
|                           |         |         |           | E1       | V            | 19.42     |             |        |
|                           |         |         |           |          | H            | 23.70     |             |        |
|                           |         |         |           | E2       | V            | 21.13     |             |        |
|                           |         |         |           |          | H            | 19.68     |             |        |
|                           | Highest | 25      | 0         | H        | V            | 23.07     | 33.00       | Pass   |
|                           |         |         |           |          | H            | 22.87     |             |        |
|                           |         |         |           | E1       | V            | 19.29     |             |        |
|                           |         |         |           |          | H            | 20.87     |             |        |
|                           |         |         |           | E2       | V            | 21.42     |             |        |
|                           |         |         |           |          | H            | 22.95     |             |        |

| EUT mode                   | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|----------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (10MHz) 16 QAM | Lowest  | 50      | 0         | H        | V            | 21.08     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 23.92     |             |        |
|                            |         |         |           | E1       | V            | 19.85     |             |        |
|                            |         |         |           |          | H            | 22.13     |             |        |
|                            |         |         |           | E2       | V            | 23.61     |             |        |
|                            |         |         |           |          | H            | 18.91     |             |        |
|                            | Middle  | 50      | 0         | H        | V            | 21.34     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 20.33     |             |        |
|                            |         |         |           | E1       | V            | 19.70     |             |        |
|                            |         |         |           |          | H            | 24.01     |             |        |
|                            |         |         |           | E2       | V            | 21.93     |             |        |
|                            |         |         |           |          | H            | 19.38     |             |        |
|                            | Highest | 50      | 0         | H        | V            | 22.14     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 22.49     |             |        |
|                            |         |         |           | E1       | V            | 19.73     |             |        |
|                            |         |         |           |          | H            | 21.10     |             |        |
|                            |         |         |           | E2       | V            | 21.58     |             |        |
|                            |         |         |           |          | H            | 21.95     |             |        |

| EUT mode                   | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm) | Limit (dBm) | Result |
|----------------------------|---------|---------|-----------|----------|--------------|-----------|-------------|--------|
| LTE Band 41 (15MHz) 16 QAM | Lowest  | 75      | 0         | H        | V            | 21.08     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 23.85     |             |        |
|                            |         |         |           | E1       | V            | 19.88     |             |        |
|                            |         |         |           |          | H            | 21.77     |             |        |
|                            |         |         |           | E2       | V            | 23.98     |             |        |
|                            |         |         |           |          | H            | 18.91     |             |        |
|                            | Middle  | 75      | 0         | H        | V            | 21.16     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 20.59     |             |        |
|                            |         |         |           | E1       | V            | 19.46     |             |        |
|                            |         |         |           |          | H            | 23.57     |             |        |
|                            |         |         |           | E2       | V            | 21.54     |             |        |
|                            |         |         |           |          | H            | 19.52     |             |        |
|                            | Highest | 75      | 0         | H        | V            | 22.74     | 33.00       | Pass   |
|                            |         |         |           |          | H            | 23.11     |             |        |
|                            |         |         |           | E1       | V            | 19.51     |             |        |
|                            |         |         |           |          | H            | 20.93     |             |        |
|                            |         |         |           | E2       | V            | 21.37     |             |        |
|                            |         |         |           |          | H            | 22.49     |             |        |

| EUT mode                   | Channel | RB Size | RB Offset | EUT Pol. | Antenna Pol. | EIRP(dBm)    | Limit (dBm) | Result |
|----------------------------|---------|---------|-----------|----------|--------------|--------------|-------------|--------|
| LTE Band 41 (20MHz) 16 QAM | Lowest  | 100     | 0         | H        | V            | 21.50        | 33.00       | Pass   |
|                            |         |         |           |          | H            | 23.29        |             |        |
|                            |         |         |           | E1       | V            | 19.75        |             |        |
|                            |         |         |           |          | H            | 22.17        |             |        |
|                            |         |         |           | E2       | V            | 23.67        |             |        |
|                            |         |         |           |          | H            | 19.24        |             |        |
|                            | Middle  | 100     | 0         | H        | V            | 20.63        | 33.00       | Pass   |
|                            |         |         |           |          | H            | 20.18        |             |        |
|                            |         |         |           | E1       | V            | 19.50        |             |        |
|                            |         |         |           |          | H            | 24.40        |             |        |
|                            |         |         |           | E2       | V            | 21.56        |             |        |
|                            |         |         |           |          | H            | 19.91        |             |        |
|                            | Highest | 100     | 0         | H        | V            | 22.23        | 33.00       | Pass   |
|                            |         |         |           |          | H            | 22.92        |             |        |
|                            |         |         |           | E1       | V            | 19.19        |             |        |
|                            |         |         |           |          | H            | 21.50        |             |        |
|                            |         |         |           | E2       | V            | 20.97        |             |        |
|                            |         |         |           |          | H            | <b>24.96</b> |             |        |

#### 4.9 Field strength of spurious radiation measurement

|                   |                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC part22.913(a), FCC part24.238(a) and FCC part27.53                                                                                                                                                                                                                                                                      |
| Test Method:      | ANSI C63.26:2015                                                                                                                                                                                                                                                                                                            |
| Limit:            | Band 2/4/5/12/17:-13dBm<br>Band 7/41:-25dBm                                                                                                                                                                                                                                                                                 |
| Test setup:       | <p>Below 1GHz</p>  <p>Above 1GHz</p>  <p>Substituted method:</p>  |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Procedure:   | <ol style="list-style-type: none"><li>1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.</li><li>2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.</li><li>3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.</li><li>4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.<br/><math display="block">\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}</math></li></ol> |
| Test Instruments: | Refer to section 3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Test mode:        | Refer to section 4.1 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Measurement Data

QPSK Mode:

| Test mode:      | LTE Band 2(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3701.40         | Vertical           | -38.25      | -13.00        | Pass    |
| 5552.10         | V                  | -41.16      |               |         |
| 7402.80         | V                  | -43.96      |               |         |
| 9253.50         | V                  | -46.30      |               |         |
| 11104.20        | V                  | ---         |               |         |
| 3701.40         | Horizontal         | -44.52      | -13.00        | Pass    |
| 5552.10         | H                  | -48.50      |               |         |
| 7402.80         | H                  | -50.17      |               |         |
| 9253.50         | H                  | -53.65      |               |         |
| 11104.20        | H                  | ---         |               |         |
| Test mode:      | LTE Band 2(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3760.00         | Vertical           | -38.28      | -13.00        | Pass    |
| 5640.00         | V                  | -41.80      |               |         |
| 7520.00         | V                  | -44.02      |               |         |
| 9400.00         | V                  | -46.08      |               |         |
| 11280.00        | V                  | ---         |               |         |
| 3760.00         | Horizontal         | -43.88      | -13.00        | Pass    |
| 5640.00         | H                  | -48.50      |               |         |
| 7520.00         | H                  | -50.71      |               |         |
| 9400.00         | H                  | -53.97      |               |         |
| 11280.00        | H                  | ---         |               |         |
| Test mode:      | LTE Band 2(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3818.60         | Vertical           | -38.30      | -13.00        | Pass    |
| 5727.90         | V                  | -41.40      |               |         |
| 7637.20         | V                  | -44.13      |               |         |
| 9546.50         | V                  | -46.31      |               |         |
| 11455.80        | V                  | ---         |               |         |
| 3818.60         | Horizontal         | -44.57      | -13.00        | Pass    |
| 5727.90         | H                  | -48.58      |               |         |
| 7637.20         | H                  | -50.47      |               |         |
| 9546.50         | H                  | -53.42      |               |         |
| 11455.80        | H                  | ---         |               |         |

Remark :

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3421.40         | Vertical           | -32.91      | -13.00        | Pass    |
| 5132.10         | V                  | -38.14      |               |         |
| 6842.80         | V                  | -36.81      |               |         |
| 8553.50         | V                  | -39.50      |               |         |
| 10264.20        | V                  | ---         |               |         |
| 3421.40         | Horizontal         | -39.71      | -13.00        | Pass    |
| 5132.10         | H                  | -43.92      |               |         |
| 6842.80         | H                  | -43.45      |               |         |
| 8553.50         | H                  | -48.50      |               |         |
| 10264.20        | H                  | ---         |               |         |
| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3465.00         | Vertical           | -33.45      | -13.00        | Pass    |
| 5197.50         | V                  | -37.72      |               |         |
| 6930.00         | V                  | -36.44      |               |         |
| 8662.50         | V                  | -40.18      |               |         |
| 10395.00        | V                  | ---         |               |         |
| 3465.00         | Horizontal         | -40.10      | -13.00        | Pass    |
| 5197.50         | H                  | -43.82      |               |         |
| 6930.00         | H                  | -43.96      |               |         |
| 8662.50         | H                  | -48.09      |               |         |
| 10395.00        | H                  | ---         |               |         |
| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3508.60         | Vertical           | -33.54      | -13.00        | Pass    |
| 5262.90         | V                  | -38.07      |               |         |
| 7017.20         | V                  | -36.73      |               |         |
| 8771.50         | V                  | -39.94      |               |         |
| 10525.80        | V                  | ---         |               |         |
| 3508.60         | Horizontal         | -39.78      | -13.00        | Pass    |
| 5262.90         | H                  | -43.37      |               |         |
| 7017.20         | H                  | -43.67      |               |         |
| 8771.50         | H                  | -48.80      |               |         |
| 10525.80        | H                  | ---         |               |         |

## Remark:

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1649.40         | Vertical           | -33.57      | -13.00        | Pass    |
| 2474.10         | V                  | -37.87      |               |         |
| 3298.80         | V                  | -36.43      |               |         |
| 4123.50         | V                  | -40.18      |               |         |
| 4948.20         | V                  | ---         |               |         |
| 1649.40         | Horizontal         | -39.65      | -13.00        | Pass    |
| 2474.10         | H                  | -43.68      |               |         |
| 3298.80         | H                  | -43.54      |               |         |
| 4123.50         | H                  | -48.26      |               |         |
| 4948.20         | H                  | ---         |               |         |
| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1673.00         | Vertical           | -33.48      | -13.00        | Pass    |
| 2509.50         | V                  | -37.84      |               |         |
| 3346.00         | V                  | -36.50      |               |         |
| 4182.50         | V                  | -39.87      |               |         |
| 5019.00         | V                  | ---         |               |         |
| 1673.00         | Horizontal         | -39.40      | -13.00        | Pass    |
| 2509.50         | H                  | -43.97      |               |         |
| 3346.00         | H                  | -44.20      |               |         |
| 4182.50         | H                  | -48.65      |               |         |
| 5019.00         | H                  | ---         |               |         |
| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1696.60         | Vertical           | -35.70      | -13.00        | Pass    |
| 2544.90         | V                  | -39.43      |               |         |
| 3393.20         | V                  | -38.54      |               |         |
| 4241.50         | V                  | -39.46      |               |         |
| 5089.80         | V                  | ---         |               |         |
| 1696.60         | Horizontal         | -40.23      | -13.00        | Pass    |
| 2544.90         | H                  | -42.78      |               |         |
| 3393.20         | H                  | -44.74      |               |         |
| 4241.50         | H                  | -46.47      |               |         |
| 5089.80         | H                  | ---         |               |         |

Remark :

4. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
5. Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
4. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Lowest  |
|-----------------|-------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5005.00         | Vertical          | -33.56      | -25.00        | Pass    |
| 7507.50         | V                 | -38.35      |               |         |
| 10010.00        | V                 | -36.99      |               |         |
| 12512.50        | V                 | -39.75      |               |         |
| 15015.00        | V                 | ---         |               |         |
| 5005.00         | Horizontal        | -39.54      | -25.00        | Pass    |
| 7507.50         | H                 | -44.26      |               |         |
| 10010.00        | H                 | -43.82      |               |         |
| 12512.50        | H                 | -48.18      |               |         |
| 15015.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5070.00         | Vertical          | -33.73      | -25.00        | Pass    |
| 7605.00         | V                 | -37.00      |               |         |
| 10140.00        | V                 | -40.40      |               |         |
| 12675.00        | V                 | -42.63      |               |         |
| 15210.00        | V                 | ---         |               |         |
| 5070.00         | Horizontal        | -40.39      | -25.00        | Pass    |
| 7605.00         | H                 | -43.78      |               |         |
| 10140.00        | H                 | -46.85      |               |         |
| 12675.00        | H                 | -51.05      |               |         |
| 15210.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5135.00         | Vertical          | -33.40      | -25.00        | Pass    |
| 7702.50         | V                 | -37.04      |               |         |
| 10270.00        | V                 | -40.97      |               |         |
| 12837.50        | V                 | -40.40      |               |         |
| 15405.00        | V                 | ---         |               |         |
| 5135.00         | Horizontal        | -39.63      | -25.00        | Pass    |
| 7702.50         | H                 | -42.98      |               |         |
| 10270.00        | H                 | -44.63      |               |         |
| 12837.50        | H                 | -47.56      |               |         |
| 15405.00        | H                 | ---         |               |         |

Remark :

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 12(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|---------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 5005.00         | Vertical            | -36.35      | -25.00        | Pass    |
| 7507.50         | V                   | -38.62      |               |         |
| 10010.00        | V                   | -38.36      |               |         |
| 12512.50        | V                   | -39.54      |               |         |
| 15015.00        | V                   | ---         |               |         |
| 5005.00         | Horizontal          | -40.55      | -25.00        | Pass    |
| 7507.50         | H                   | -43.02      |               |         |
| 10010.00        | H                   | -44.75      |               |         |
| 12512.50        | H                   | -45.93      |               |         |
| 15015.00        | H                   | ---         |               |         |
| Test mode:      | LTE Band 12(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 5070.00         | Vertical            | -33.65      | -25.00        | Pass    |
| 7605.00         | V                   | -36.95      |               |         |
| 10140.00        | V                   | -40.36      |               |         |
| 12675.00        | V                   | -42.60      |               |         |
| 15210.00        | V                   | ---         |               |         |
| 5070.00         | Horizontal          | -40.46      | -25.00        | Pass    |
| 7605.00         | H                   | -43.82      |               |         |
| 10140.00        | H                   | -46.98      |               |         |
| 12675.00        | H                   | -51.01      |               |         |
| 15210.00        | H                   | ---         |               |         |
| Test mode:      | LTE Band 12(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 5135.00         | Vertical            | -32.89      | -25.00        | Pass    |
| 7702.50         | V                   | -38.16      |               |         |
| 10270.00        | V                   | -36.16      |               |         |
| 12837.50        | V                   | -39.64      |               |         |
| 15405.00        | V                   | ---         |               |         |
| 5135.00         | Horizontal          | -39.54      | -25.00        | Pass    |
| 7702.50         | H                   | -43.47      |               |         |
| 10270.00        | H                   | -43.76      |               |         |
| 12837.50        | H                   | -48.18      |               |         |
| 15405.00        | H                   | ---         |               |         |

## Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 17(5MHz) |             | Test channel: | Lowest  |
|-----------------|-------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5005.00         | Vertical          | -34.81      | -25.00        | Pass    |
| 7507.50         | V                 | -38.68      |               |         |
| 10010.00        | V                 | -40.61      |               |         |
| 12512.50        | V                 | -42.97      |               |         |
| 15015.00        | V                 | ---         |               |         |
| 5005.00         | Horizontal        | -38.93      | -25.00        | Pass    |
| 7507.50         | H                 | -44.95      |               |         |
| 10010.00        | H                 | -49.14      |               |         |
| 12512.50        | H                 | -51.74      |               |         |
| 15015.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 17(5MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5070.00         | Vertical          | -32.72      | -25.00        | Pass    |
| 7605.00         | V                 | -38.55      |               |         |
| 10140.00        | V                 | -36.83      |               |         |
| 12675.00        | V                 | -39.69      |               |         |
| 15210.00        | V                 | ---         |               |         |
| 5070.00         | Horizontal        | -39.88      | -25.00        | Pass    |
| 7605.00         | H                 | -44.10      |               |         |
| 10140.00        | H                 | -43.65      |               |         |
| 12675.00        | H                 | -48.62      |               |         |
| 15210.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 17(5MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5135.00         | Vertical          | -32.81      | -25.00        | Pass    |
| 7702.50         | V                 | -37.79      |               |         |
| 10270.00        | V                 | -36.41      |               |         |
| 12837.50        | V                 | -39.92      |               |         |
| 15405.00        | V                 | ---         |               |         |
| 5135.00         | Horizontal        | -40.10      | -25.00        | Pass    |
| 7702.50         | H                 | -44.28      |               |         |
| 10270.00        | H                 | -43.72      |               |         |
| 12837.50        | H                 | -48.70      |               |         |
| 15405.00        | H                 | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 41(5MHz) |             | Test channel: | Lowest  |
|-----------------|-------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5005.00         | Vertical          | -35.62      | -25.00        | Pass    |
| 7507.50         | V                 | -38.86      |               |         |
| 10010.00        | V                 | -38.56      |               |         |
| 12512.50        | V                 | -39.03      |               |         |
| 15015.00        | V                 | ---         |               |         |
| 5005.00         | Horizontal        | -40.69      | -25.00        | Pass    |
| 7507.50         | H                 | -42.43      |               |         |
| 10010.00        | H                 | -44.89      |               |         |
| 12512.50        | H                 | -46.08      |               |         |
| 15015.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 41(5MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5070.00         | Vertical          | -32.81      | -25.00        | Pass    |
| 7605.00         | V                 | -37.85      |               |         |
| 10140.00        | V                 | -36.41      |               |         |
| 12675.00        | V                 | -39.41      |               |         |
| 15210.00        | V                 | ---         |               |         |
| 5070.00         | Horizontal        | -39.34      | -25.00        | Pass    |
| 7605.00         | H                 | -43.99      |               |         |
| 10140.00        | H                 | -44.22      |               |         |
| 12675.00        | H                 | -48.70      |               |         |
| 15210.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 41(5MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5135.00         | Vertical          | -36.01      | -25.00        | Pass    |
| 7702.50         | V                 | -39.44      |               |         |
| 10270.00        | V                 | -38.39      |               |         |
| 12837.50        | V                 | -39.98      |               |         |
| 15405.00        | V                 | ---         |               |         |
| 5135.00         | Horizontal        | -40.97      | -25.00        | Pass    |
| 7702.50         | H                 | -42.62      |               |         |
| 10270.00        | H                 | -44.77      |               |         |
| 12837.50        | H                 | -46.53      |               |         |
| 15405.00        | H                 | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

**16 QAM Mode:**

| Test mode:      | LTE Band 2 (1.4MHz) |             | Test channel: | Lowest  |
|-----------------|---------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 3701.40         | Vertical            | -32.72      | -13.00        | Pass    |
| 5552.10         | V                   | -38.42      |               |         |
| 7402.80         | V                   | -36.88      |               |         |
| 9253.50         | V                   | -40.11      |               |         |
| 11104.20        | V                   | ---         |               |         |
| 3701.40         | Horizontal          | -40.06      | -13.00        | Pass    |
| 5552.10         | H                   | -44.12      |               |         |
| 7402.80         | H                   | -44.12      |               |         |
| 9253.50         | H                   | -48.67      |               |         |
| 11104.20        | H                   | ---         |               |         |
| Test mode:      | LTE Band 2 (1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 3760.00         | Vertical            | -36.17      | -13.00        | Pass    |
| 5640.00         | V                   | -39.12      |               |         |
| 7520.00         | V                   | -38.87      |               |         |
| 9400.00         | V                   | -39.17      |               |         |
| 11280.00        | V                   | ---         |               |         |
| 3760.00         | Horizontal          | -40.48      | -13.00        | Pass    |
| 5640.00         | H                   | -42.94      |               |         |
| 7520.00         | H                   | -44.80      |               |         |
| 9400.00         | H                   | -46.49      |               |         |
| 11280.00        | H                   | ---         |               |         |
| Test mode:      | LTE Band 2 (1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission   |             | Limit (dBm)   | Result  |
|                 | Polarization        | Level (dBm) |               |         |
| 3818.60         | Vertical            | -33.44      | -13.00        | Pass    |
| 5727.90         | V                   | -38.29      |               |         |
| 7637.20         | V                   | -36.53      |               |         |
| 9546.50         | V                   | -40.03      |               |         |
| 11455.80        | V                   | ---         |               |         |
| 3818.60         | Horizontal          | -40.11      | -13.00        | Pass    |
| 5727.90         | H                   | -43.73      |               |         |
| 7637.20         | H                   | -43.38      |               |         |
| 9546.50         | H                   | -48.18      |               |         |
| 11455.80        | H                   | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3421.40         | Vertical           | -35.57      | -13.00        | Pass    |
| 5132.10         | V                  | -38.83      |               |         |
| 6842.80         | V                  | -38.55      |               |         |
| 8553.50         | V                  | -39.12      |               |         |
| 10264.20        | V                  | ---         |               |         |
| 3421.40         | Horizontal         | -40.53      | -13.00        | Pass    |
| 5132.10         | H                  | -43.16      |               |         |
| 6842.80         | H                  | -45.13      |               |         |
| 8553.50         | H                  | -46.44      |               |         |
| 10264.20        | H                  | ---         |               |         |
| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3465.00         | Vertical           | -32.96      | -13.00        | Pass    |
| 5197.50         | V                  | -38.16      |               |         |
| 6930.00         | V                  | -36.29      |               |         |
| 8662.50         | V                  | -40.31      |               |         |
| 10395.00        | V                  | ---         |               |         |
| 3465.00         | Horizontal         | -39.62      | -13.00        | Pass    |
| 5197.50         | H                  | -44.25      |               |         |
| 6930.00         | H                  | -43.79      |               |         |
| 8662.50         | H                  | -48.62      |               |         |
| 10395.00        | H                  | ---         |               |         |
| Test mode:      | LTE Band 4(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3508.60         | Vertical           | -34.30      | -13.00        | Pass    |
| 5262.90         | V                  | -38.90      |               |         |
| 7017.20         | V                  | -38.70      |               |         |
| 8771.50         | V                  | -41.80      |               |         |
| 10525.80        | V                  | ---         |               |         |
| 3508.60         | Horizontal         | -40.53      | -13.00        | Pass    |
| 5262.90         | H                  | -44.52      |               |         |
| 7017.20         | H                  | -42.49      |               |         |
| 8771.50         | H                  | -48.50      |               |         |
| 10525.80        | H                  | ---         |               |         |

## Remark:

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1649.40         | Vertical           | -33.21      | -13.00        | Pass    |
| 2474.10         | V                  | -37.98      |               |         |
| 3298.80         | V                  | -36.49      |               |         |
| 4123.50         | V                  | -39.97      |               |         |
| 4948.20         | V                  | ---         |               |         |
| 1649.40         | Horizontal         | -39.87      | -13.00        | Pass    |
| 2474.10         | H                  | -44.17      |               |         |
| 3298.80         | H                  | -43.48      |               |         |
| 4123.50         | H                  | -47.87      |               |         |
| 4948.20         | H                  | ---         |               |         |
| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1673.00         | Vertical           | -33.22      | -13.00        | Pass    |
| 2509.50         | V                  | -35.16      |               |         |
| 3346.00         | V                  | -39.89      |               |         |
| 4182.50         | V                  | -40.73      |               |         |
| 5019.00         | V                  | ---         |               |         |
| 1673.00         | Horizontal         | -38.38      | -13.00        | Pass    |
| 2509.50         | H                  | -42.02      |               |         |
| 3346.00         | H                  | -43.89      |               |         |
| 4182.50         | H                  | -46.11      |               |         |
| 5019.00         | H                  | ---         |               |         |
| Test mode:      | LTE Band 5(1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 1696.60         | Vertical           | -36.11      | -13.00        | Pass    |
| 2544.90         | V                  | -38.49      |               |         |
| 3393.20         | V                  | -38.41      |               |         |
| 4241.50         | V                  | -39.72      |               |         |
| 5089.80         | V                  | ---         |               |         |
| 1696.60         | Horizontal         | -40.72      | -13.00        | Pass    |
| 2544.90         | H                  | -43.05      |               |         |
| 3393.20         | H                  | -45.10      |               |         |
| 4241.50         | H                  | -46.39      |               |         |
| 5089.80         | H                  | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Lowest  |
|-----------------|-------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5005.00         | Vertical          | -33.51      | -25.00        | Pass    |
| 7507.50         | V                 | -37.96      |               |         |
| 10010.00        | V                 | -37.11      |               |         |
| 12512.50        | V                 | -40.34      |               |         |
| 15015.00        | V                 | ---         |               |         |
| 5005.00         | Horizontal        | -39.73      | -25.00        | Pass    |
| 7507.50         | H                 | -43.63      |               |         |
| 10010.00        | H                 | -44.24      |               |         |
| 12512.50        | H                 | -48.12      |               |         |
| 15015.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5070.00         | Vertical          | -33.33      | -25.00        | Pass    |
| 7605.00         | V                 | -38.23      |               |         |
| 10140.00        | V                 | -38.63      |               |         |
| 12675.00        | V                 | -40.59      |               |         |
| 15210.00        | V                 | ---         |               |         |
| 5070.00         | Horizontal        | -40.18      | -25.00        | Pass    |
| 7605.00         | H                 | -42.12      |               |         |
| 10140.00        | H                 | -43.27      |               |         |
| 12675.00        | H                 | -48.41      |               |         |
| 15210.00        | H                 | ---         |               |         |
| Test mode:      | LTE Band 7(5MHz)  |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission |             | Limit (dBm)   | Result  |
|                 | Polarization      | Level (dBm) |               |         |
| 5135.00         | Vertical          | -32.74      | -25.00        | Pass    |
| 7702.50         | V                 | -38.52      |               |         |
| 10270.00        | V                 | -36.97      |               |         |
| 12837.50        | V                 | -39.96      |               |         |
| 15405.00        | V                 | ---         |               |         |
| 5135.00         | Horizontal        | -39.33      | -25.00        | Pass    |
| 7702.50         | H                 | -43.75      |               |         |
| 10270.00        | H                 | -44.14      |               |         |
| 12837.50        | H                 | -48.26      |               |         |
| 15405.00        | H                 | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 12 (1.4MHz) |             | Test channel: | Lowest  |
|-----------------|----------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission    |             | Limit (dBm)   | Result  |
|                 | Polarization         | Level (dBm) |               |         |
| 3701.40         | Vertical             | -32.93      | -13.00        | Pass    |
| 5552.10         | V                    | -38.53      |               |         |
| 7402.80         | V                    | -36.17      |               |         |
| 9253.50         | V                    | -39.78      |               |         |
| 11104.20        | V                    | ---         |               |         |
| 3701.40         | Horizontal           | -39.59      | -13.00        | Pass    |
| 5552.10         | H                    | -43.88      |               |         |
| 7402.80         | H                    | -43.49      |               |         |
| 9253.50         | H                    | -48.51      |               |         |
| 11104.20        | H                    | ---         |               |         |
| Test mode:      | LTE Band 12 (1.4MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission    |             | Limit (dBm)   | Result  |
|                 | Polarization         | Level (dBm) |               |         |
| 3760.00         | Vertical             | -35.91      | -13.00        | Pass    |
| 5640.00         | V                    | -38.96      |               |         |
| 7520.00         | V                    | -38.68      |               |         |
| 9400.00         | V                    | -39.84      |               |         |
| 11280.00        | V                    | ---         |               |         |
| 3760.00         | Horizontal           | -40.24      | -13.00        | Pass    |
| 5640.00         | H                    | -42.80      |               |         |
| 7520.00         | H                    | -44.53      |               |         |
| 9400.00         | H                    | -45.87      |               |         |
| 11280.00        | H                    | ---         |               |         |
| Test mode:      | LTE Band 12 (1.4MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission    |             | Limit (dBm)   | Result  |
|                 | Polarization         | Level (dBm) |               |         |
| 3818.60         | Vertical             | -35.38      | -13.00        | Pass    |
| 5727.90         | V                    | -38.36      |               |         |
| 7637.20         | V                    | -41.33      |               |         |
| 9546.50         | V                    | -41.38      |               |         |
| 11455.80        | V                    | ---         |               |         |
| 3818.60         | Horizontal           | -41.49      | -13.00        | Pass    |
| 5727.90         | H                    | -43.28      |               |         |
| 7637.20         | H                    | -44.89      |               |         |
| 9546.50         | H                    | -48.93      |               |         |
| 11455.80        | H                    | ---         |               |         |

Remark :

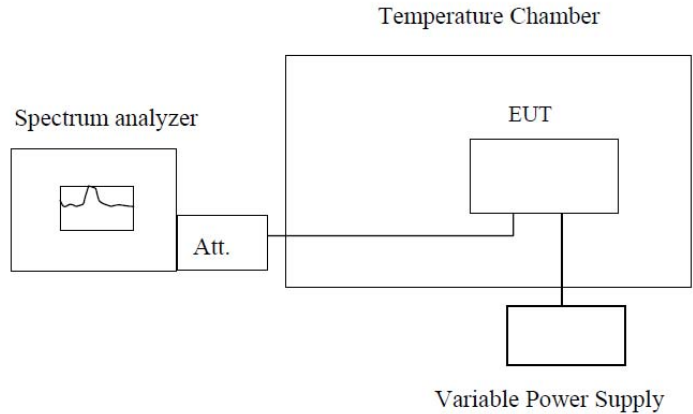
- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

| Test mode:      | LTE Band 41 (5MHz) |             | Test channel: | Lowest  |
|-----------------|--------------------|-------------|---------------|---------|
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3701.40         | Vertical           | -33.57      | -13.00        | Pass    |
| 5552.10         | V                  | -38.35      |               |         |
| 7402.80         | V                  | -36.49      |               |         |
| 9253.50         | V                  | -39.74      |               |         |
| 11104.20        | V                  | ---         |               |         |
| 3701.40         | Horizontal         | -39.99      | -13.00        | Pass    |
| 5552.10         | H                  | -43.85      |               |         |
| 7402.80         | H                  | -43.89      |               |         |
| 9253.50         | H                  | -48.01      |               |         |
| 11104.20        | H                  | ---         |               |         |
| Test mode:      | LTE Band 41 (5MHz) |             | Test channel: | Middle  |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3760.00         | Vertical           | -36.08      | -13.00        | Pass    |
| 5640.00         | V                  | -38.56      |               |         |
| 7520.00         | V                  | -38.90      |               |         |
| 9400.00         | V                  | -39.96      |               |         |
| 11280.00        | V                  | ---         |               |         |
| 3760.00         | Horizontal         | -40.49      | -13.00        | Pass    |
| 5640.00         | H                  | -42.58      |               |         |
| 7520.00         | H                  | -45.05      |               |         |
| 9400.00         | H                  | -46.07      |               |         |
| 11280.00        | H                  | ---         |               |         |
| Test mode:      | LTE Band 41 (5MHz) |             | Test channel: | Highest |
| Frequency (MHz) | Spurious Emission  |             | Limit (dBm)   | Result  |
|                 | Polarization       | Level (dBm) |               |         |
| 3818.60         | Vertical           | -32.89      | -13.00        | Pass    |
| 5727.90         | V                  | -38.38      |               |         |
| 7637.20         | V                  | -36.80      |               |         |
| 9546.50         | V                  | -39.75      |               |         |
| 11455.80        | V                  | ---         |               |         |
| 3818.60         | Horizontal         | -39.43      | -13.00        | Pass    |
| 5727.90         | H                  | -43.80      |               |         |
| 7637.20         | H                  | -43.72      |               |         |
| 9546.50         | H                  | -48.42      |               |         |
| 11455.80        | H                  | ---         |               |         |

Remark :

- 1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
- 2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
- 3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

#### 4.10 Frequency stability V.S. Temperature measurement

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part2.1055(a)(1)(b)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Test Method:      | ANSI C63.26:2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Limit:            | 2.5ppm(Part 22)<br>Within the authorized bands of operation(Part 24, Part 27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Test setup:       |  <p><b>Note :</b> Measurement setup for testing on Antenna connector</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test procedure:   | <ol style="list-style-type: none"> <li>1. The equipment under test was connected to an external DC power supply and input rated voltage.</li> <li>2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.</li> <li>3. The EUT was placed inside the temperature chamber.</li> <li>4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency.</li> <li>5. Turn EUT off and set the chamber temperature to –20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.</li> <li>6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.</li> </ol> |
| Test Instruments: | Refer to section 3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Test mode:        | Refer to section 4.1 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Remark:           | If all frequencies stability are comply with the lower limit, then all results can be considered qualified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

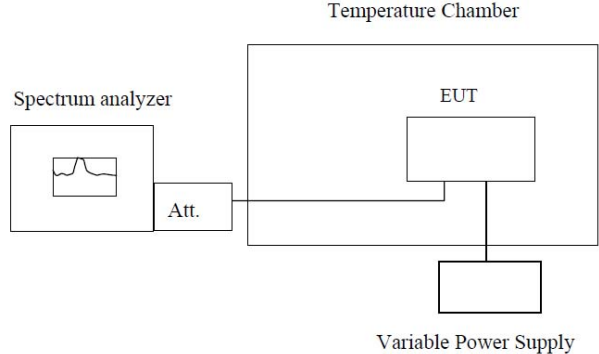
## Measurement Data

| Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz   |                  |                 |         |                             |        |
|------------------------------------------------------------------------|------------------|-----------------|---------|-----------------------------|--------|
| Power supplied (Vdc)                                                   | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                        |                  | Hz              | ppm     |                             |        |
| 3.8                                                                    | -20              | 19              | -0.0050 | Within the authorized bands | Pass   |
|                                                                        | -10              | -21             | -0.0411 |                             |        |
|                                                                        | 0                | 22              | 0.1035  |                             |        |
|                                                                        | 10               | -26             | -0.0736 |                             |        |
|                                                                        | 20               | 20              | 0.0502  |                             |        |
|                                                                        | 30               | 15              | 0.0716  |                             |        |
|                                                                        | 40               | -3              | 0.0450  |                             |        |
|                                                                        | 50               | 9               | 0.0347  |                             |        |
|                                                                        | 55               | 14              | 0.0487  |                             |        |
| Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz |                  |                 |         |                             |        |
| Power supplied (Vdc)                                                   | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                        |                  | Hz              | ppm     |                             |        |
| 3.8                                                                    | -20              | 18              | 0.0009  | 2.5                         | Pass   |
|                                                                        | -10              | -22             | -0.0130 |                             |        |
|                                                                        | 0                | 25              | 0.0129  |                             |        |
|                                                                        | 10               | -23             | 0.0314  |                             |        |
|                                                                        | 20               | 15              | -0.0085 |                             |        |
|                                                                        | 30               | 17              | -0.0256 |                             |        |
|                                                                        | 40               | -7              | 0.0397  |                             |        |
|                                                                        | 50               | 13              | 0.1038  |                             |        |
|                                                                        | 55               | 8               | -0.0384 |                             |        |
| Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz  |                  |                 |         |                             |        |
| Power supplied (Vdc)                                                   | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                        |                  | Hz              | ppm     |                             |        |
| 3.8                                                                    | -20              | 29              | 0.0325  | 2.5                         | Pass   |
|                                                                        | -10              | -16             | -0.0452 |                             |        |
|                                                                        | 0                | 10              | -0.0420 |                             |        |
|                                                                        | 10               | -27             | -0.0108 |                             |        |
|                                                                        | 20               | 19              | 0.0480  |                             |        |
|                                                                        | 30               | 17              | 0.0839  |                             |        |
|                                                                        | 40               | 17              | 0.0626  |                             |        |
|                                                                        | 50               | -22             | -0.0032 |                             |        |
|                                                                        | 55               | 17              | -0.0386 |                             |        |

| Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz    |                  |                 |         |                             |        |
|-------------------------------------------------------------------------|------------------|-----------------|---------|-----------------------------|--------|
| Power supplied (Vdc)                                                    | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                         |                  | Hz              | ppm     |                             |        |
| 3.8                                                                     | -20              | 17              | 0.0114  | Within the authorized bands | Pass   |
|                                                                         | -10              | -23             | 0.0877  |                             |        |
|                                                                         | 0                | 26              | 0.1011  |                             |        |
|                                                                         | 10               | -24             | -0.0036 |                             |        |
|                                                                         | 20               | 17              | 0.0386  |                             |        |
|                                                                         | 30               | 17              | 0.0189  |                             |        |
|                                                                         | 40               | -4              | -0.0165 |                             |        |
|                                                                         | 50               | 12              | 0.0814  |                             |        |
|                                                                         | 55               | 10              | -0.0020 |                             |        |
| Reference Frequency: LTE Band 12 Middle channel=20175 channel=1732.5MHz |                  |                 |         |                             |        |
| Power supplied (Vdc)                                                    | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                         |                  | Hz              | ppm     |                             |        |
| 3.8                                                                     | -20              | 18              | -0.0303 | 2.5                         | Pass   |
|                                                                         | -10              | -22             | -0.0089 |                             |        |
|                                                                         | 0                | 25              | 0.0773  |                             |        |
|                                                                         | 10               | -23             | 0.0009  |                             |        |
|                                                                         | 20               | 15              | -0.0294 |                             |        |
|                                                                         | 30               | 17              | 0.0682  |                             |        |
|                                                                         | 40               | -7              | -0.0219 |                             |        |
|                                                                         | 50               | 13              | 0.0600  |                             |        |
|                                                                         | 55               | 8               | 0.0891  |                             |        |
| Reference Frequency: LTE Band 17 Middle channel=21100 channel=2535MHz   |                  |                 |         |                             |        |
| Power supplied (Vdc)                                                    | Temperature (°C) | Frequency error |         | Limit (ppm)                 | Result |
|                                                                         |                  | Hz              | ppm     |                             |        |
| 3.8                                                                     | -20              | 17              | 0.1063  | Within the authorized bands | Pass   |
|                                                                         | -10              | -23             | -0.0352 |                             |        |
|                                                                         | 0                | 26              | -0.0258 |                             |        |
|                                                                         | 10               | -24             | 0.0396  |                             |        |
|                                                                         | 20               | 17              | 0.0266  |                             |        |
|                                                                         | 30               | 17              | 0.0475  |                             |        |
|                                                                         | 40               | -4              | -0.0576 |                             |        |
|                                                                         | 50               | 12              | -0.0191 |                             |        |
|                                                                         | 55               | 10              | -0.0391 |                             |        |

| Reference Frequency: LTE Band 41 Middle channel=21100 channel=2535MHz |                  |                 |         |                                   |        |
|-----------------------------------------------------------------------|------------------|-----------------|---------|-----------------------------------|--------|
| Power supplied<br>(Vdc)                                               | Temperature (°C) | Frequency error |         | Limit (ppm)                       | Result |
|                                                                       |                  | Hz              | ppm     |                                   |        |
| 3.8                                                                   | -20              | 17              | 0.0463  | Within the<br>authorized<br>bands | Pass   |
|                                                                       | -10              | -23             | -0.0108 |                                   |        |
|                                                                       | 0                | 26              | 0.0346  |                                   |        |
|                                                                       | 10               | -24             | 0.0318  |                                   |        |
|                                                                       | 20               | 17              | 0.0267  |                                   |        |
|                                                                       | 30               | 17              | -0.0420 |                                   |        |
|                                                                       | 40               | -4              | 0.0900  |                                   |        |
|                                                                       | 50               | 12              | 0.0977  |                                   |        |
|                                                                       | 55               | 10              | -0.0035 |                                   |        |

#### 4.11 Frequency stability V.S. Voltage measurement

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part2.1055(d)(1)(2)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Test Method:      | ANSI C63.26:2015                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Limit:            | 2.5ppm<br>Band II & Band VII should be within authorized band.                                                                                                                                                                                                                                                                                                                                                                                   |
| Test setup:       |  <p><b>Note :</b> Measurement setup for testing on Antenna connector</p>                                                                                                                                                                                                                                                                                       |
| Test procedure:   | <ol style="list-style-type: none"> <li>1. Set chamber temperature to 20°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage.</li> <li>2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.</li> <li>3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.</li> </ol> |
| Test Instruments: | Refer to section 3 for details                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test mode:        | Refer to section 4.1 for details                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Remark:           | <ol style="list-style-type: none"> <li>1. Manufacturer specified the battery operating end point voltage is 3.32VDC, max voltage is 4.37VDC.</li> <li>2. If all frequencies stability are comply with the lower limit, then all results can be considered qualified</li> </ol>                                                                                                                                                                   |

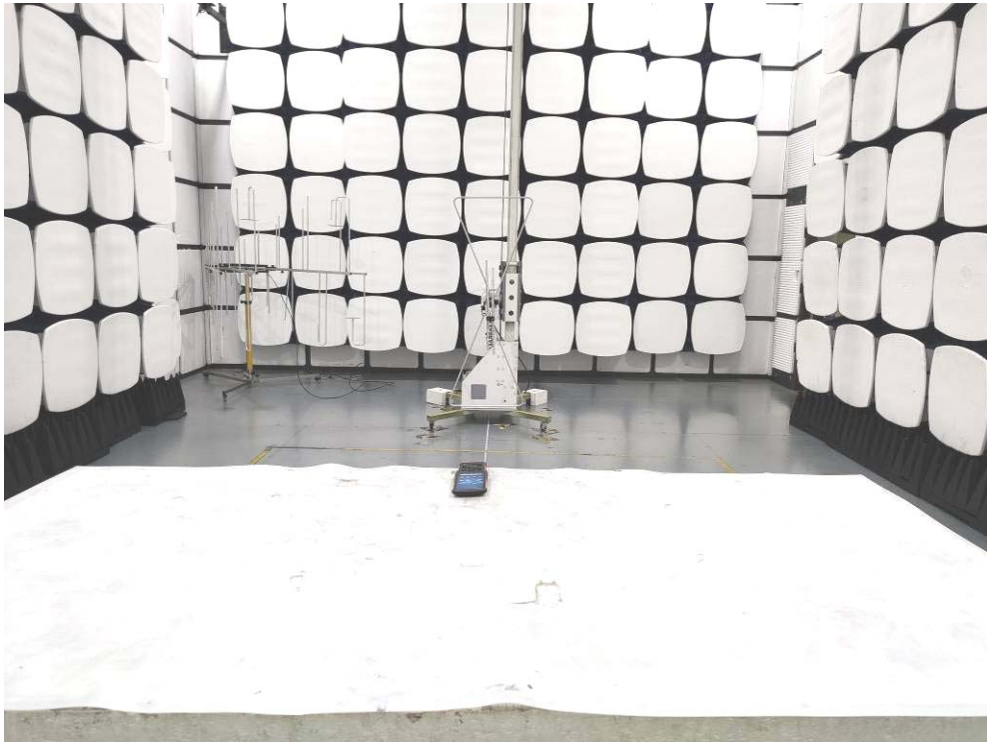
## Measurement Data

| Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz   |                      |                 |         |                        |        |
|------------------------------------------------------------------------|----------------------|-----------------|---------|------------------------|--------|
| Temperature (°C)                                                       | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                        |                      | Hz              | ppm     |                        |        |
| 25                                                                     | 4.40                 | 20              | 0.0108  | within authorized band | Pass   |
|                                                                        | 3.85                 | 23              | 0.0122  |                        |        |
|                                                                        | 3.30                 | 25              | 0.0133  |                        |        |
| Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz |                      |                 |         |                        |        |
| Temperature (°C)                                                       | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                        |                      | Hz              | ppm     |                        |        |
| 25                                                                     | 4.40                 | -27             | -0.0159 | 2.5                    | Pass   |
|                                                                        | 3.85                 | 23              | 0.0132  |                        |        |
|                                                                        | 3.30                 | 13              | 0.0076  |                        |        |
| Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz  |                      |                 |         |                        |        |
| Temperature (°C)                                                       | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                        |                      | Hz              | ppm     |                        |        |
| 25                                                                     | 4.40                 | 17              | 0.0206  | 2.5                    | Pass   |
|                                                                        | 3.85                 | 23              | 0.0275  |                        |        |
|                                                                        | 3.30                 | 23              | 0.0269  |                        |        |
| Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz   |                      |                 |         |                        |        |
| Temperature (°C)                                                       | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                        |                      | Hz              | ppm     |                        |        |
| 25                                                                     | 4.40                 | 21              | 0.0082  | within authorized band | Pass   |
|                                                                        | 3.85                 | 23              | 0.0091  |                        |        |
|                                                                        | 3.30                 | 24              | 0.0096  |                        |        |

| Reference Frequency: LTE Band 12 Middle channel=18900 channel=1880MHz   |                      |                 |         |                        |        |
|-------------------------------------------------------------------------|----------------------|-----------------|---------|------------------------|--------|
| Temperature (°C)                                                        | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                         |                      | Hz              | ppm     |                        |        |
| 25                                                                      | 4.40                 | -27             | -0.0146 | within authorized band | Pass   |
|                                                                         | 3.85                 | 21              | 0.0110  |                        |        |
|                                                                         | 3.30                 | 16              | 0.0087  |                        |        |
| Reference Frequency: LTE Band 17 Middle channel=20175 channel=836.5MHz  |                      |                 |         |                        |        |
| Temperature (°C)                                                        | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                         |                      | Hz              | ppm     |                        |        |
| 25                                                                      | 4.40                 | 13              | 0.0151  | 2.5                    | Pass   |
|                                                                         | 3.85                 | 19              | 0.0229  |                        |        |
|                                                                         | 3.30                 | 17              | 0.0198  |                        |        |
| Reference Frequency: LTE Band 41 Middle channel=20175 channel=1732.5MHz |                      |                 |         |                        |        |
| Temperature (°C)                                                        | Power supplied (Vdc) | Frequency error |         | Limit (ppm)            | Result |
|                                                                         |                      | Hz              | ppm     |                        |        |
| 25                                                                      | 4.40                 | 16              | 0.0094  | 2.5                    | Pass   |
|                                                                         | 3.85                 | 23              | 0.0133  |                        |        |
|                                                                         | 3.30                 | 19              | 0.0111  |                        |        |

#### 4.12 Test Setup Photo

Radiated Emission



-----THE END OF REPORT-----