



RADIO TEST REPORT

Report No.: STS2302331W01

Issued for

Telo Communication (Shenzhen) Co., Ltd

6/F, No. 42 Liuxian 1st Road, Bao'an District, Shenzhen, China

|                |                                                |
|----------------|------------------------------------------------|
| Product Name:  | Smart LTE Terminal                             |
| Brand Name:    | TELOX                                          |
| Model Name:    | TE320                                          |
| Series Model:  | TE320L, TE320A, TE320M, TE320G, TE320P, TE320X |
| FCC ID:        | 2AYEZ-TE320                                    |
| Test Standard: | 47 CFR Part 2, 22, 24, 27, 90                  |

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**TEST RESULT CERTIFICATION**

Applicant's Name .....: Telo Communication (Shenzhen) Co., Ltd  
Address.....: 6/F, No. 42 Liuxian 1st Road, Bao'an District, Shenzhen, China  
Manufacturer's Name .....: Telo Communication (Shenzhen) Co., Ltd  
Address.....: 6/F, No. 42 Liuxian 1st Road, Bao'an District, Shenzhen, China

**Product Description**

Product Name .....: Smart LTE Terminal  
Brand Name .....: TELOX  
Model Name.....: TE320  
Series Model .....: TE320L, TE320A, TE320M, TE320G, TE320P, TE320X  
Test Standards .....: 47 CFR Part 2, 22, 24, 27, 90  
Test Procedure .....: KDB 971168 D01 v03r01, ANSI C63.26( 2015)

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.  
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**Date of Test**.....:

Date of receipt of test item .....: 28 Feb. 2023  
Date (s) of performance of tests : 28 Feb. 2023 ~ 23 Mar. 2023  
Date of Issue .....: 23 Mar. 2023  
Test Result .....: Pass

Testing Engineer :

(Chris Chen)

Technical Manager :

(Sean she)

Authorized Signatory :

(Bovey Yang)





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**Revision History**

| Rev. | Issue Date   | Report NO.    | Effect Page | Contents      |
|------|--------------|---------------|-------------|---------------|
| 00   | 23 Mar. 2023 | STS2302331W01 | ALL         | Initial Issue |
|      |              |               |             |               |





## SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

The radiated emission testing was performed according to the procedures of KDB 971168 D01 v03r01 and ANSI C63.26( 2015)

| Test Description                       | FCC Rules | Band                            | Test Limit             | Test Result |
|----------------------------------------|-----------|---------------------------------|------------------------|-------------|
| Conducted Output Power                 | 2.1046    | /                               | Reporting Only         | PASS        |
| Transmitter Radiated Power             | 22.913    | B5, B26                         | ERP < 7 Watt           | PASS        |
|                                        | 24.232(c) | B2                              | EIRP < 2Watt           |             |
|                                        | 27.50(b)  | B13                             | ERP < 3 Watt           |             |
|                                        | 27.50(c)  | B12, B17                        | ERP < 3 Watt           |             |
|                                        | 27.50(d)  | B4, B66                         | EIRP < 1Watt           |             |
|                                        | 27.50(h)  | B7, B41                         | EIRP < 2Watt           |             |
|                                        | 90.635(b) | B26                             | ERP < 100Watt          |             |
| Peak-to-Average Ratio                  | 22.913(d) | B5, B26                         | < 13 dB                | PASS        |
|                                        | 24.232(d) | B2                              |                        |             |
|                                        | 27.50     | B4, B7, B12, B13, B17, B41, B66 |                        |             |
| Occupied Bandwidth                     | 2.1049    | /                               | Reporting Only         | PASS        |
| Frequency Stability                    | 2.1055    | /                               | < 2.5 ppm              | PASS        |
|                                        | 22.355    | B5, B26                         |                        |             |
|                                        | 24.235    | B2                              |                        |             |
|                                        | 27.54     | B4, B7, B12, B13, B17, B41, B66 |                        |             |
|                                        | 90.213    | B26                             |                        |             |
| Spurious Emission at Antenna Terminals | 2.1051    | /                               | < 43+10log10(P[Watts]) | PASS        |
|                                        | 22.917    | B5, B26                         |                        |             |



|                                         |           |          |                          |      |
|-----------------------------------------|-----------|----------|--------------------------|------|
|                                         | 24.238(a) | B2       |                          |      |
|                                         | 27.53(c)  | B13      |                          |      |
|                                         | 27.53(g)  | B12, B17 |                          |      |
|                                         | 27.53(h)  | B4, B66  |                          |      |
|                                         | 90.691    | B26      |                          |      |
|                                         | 27.53(m)  | B7, B41  |                          |      |
| Band Edge                               | 2.1051    | /        | Please refer to standard | PASS |
|                                         | 22.917    | B5, B26  |                          |      |
|                                         | 24.238(a) | B2       |                          |      |
|                                         | 27.53(c)  | B13      |                          |      |
|                                         | 27.53(g)  | B12, B17 |                          |      |
|                                         | 27.53(h)  | B4, B66  |                          |      |
|                                         | 27.53(m)  | B7, B41  |                          |      |
|                                         | 90.691    | B26      |                          |      |
| Field Strength of<br>Spurious Radiation | 2.1053    | /        | < 43+10log10(P[Watts])   | PASS |
|                                         | 22.917    | B5, B26  |                          |      |
|                                         | 24.238(a) | B2       |                          |      |
|                                         | 27.53(c)  | B13      |                          |      |
|                                         | 27.53(g)  | B12, B17 |                          |      |
|                                         | 27.53(h)  | B4, B66  |                          |      |
|                                         | 90.691    | B26      |                          |      |
|                                         | 27.53(m)  | B7, B41  | < 55+10log10(P[Watts])   |      |



## 1 INTRODUCTION

### 1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

### 1.2 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of  $k = 2$  to indicate a 95% level of confidence. The measurement data shown herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

| No. | Item                              | Uncertainty          |
|-----|-----------------------------------|----------------------|
| 1   | RF output power, conducted        | $\pm 1.197\text{dB}$ |
| 2   | Unwanted Emissions, conducted     | $\pm 2.896\text{dB}$ |
| 3   | All emissions, radiated 9K-30MHz  | $\pm 3.84\text{dB}$  |
| 4   | All emissions, radiated 30M-1GHz  | $\pm 3.94\text{dB}$  |
| 5   | All emissions, radiated 1G-6GHz   | $\pm 4.59\text{dB}$  |
| 6   | All emissions, radiated >6G       | $\pm 5.22\text{dB}$  |
| 7   | Conducted Emission (9KHz-150KHz)  | $\pm 2.14\text{dB}$  |
| 8   | Conducted Emission (150KHz-30MHz) | $\pm 2.54\text{dB}$  |



## 2 PRODUCT INFORMATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name     | Smart LTE Terminal                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Trade Name       | TELOX                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Model Name       | TE320                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Series Model     | TE320L, TE320A, TE320M, TE320G, TE320P, TE320X                                                                                                                                                                                                                                                                                                                                                                                           |
| Model Difference | It's just a different model name                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tx Frequency:    | <p>GPRS/EDGE:<br/>850: 824 MHz ~ 849MHz<br/>1900: 1850 MHz ~ 1910MHz<br/>WCDMA:<br/>Band V: 824 MHz ~ 849 MHz<br/>Band II: 1850 MHz ~ 1910 MHz<br/>Band IV: 1710 MHz ~ 1755 MHz<br/>LTE:<br/>Band 2:1850~1910MHz<br/>Band 4:1710~1755MHz<br/>Band 5:824~849MHz<br/>Band 7:2500~2570MHz<br/>Band 12:699~716MHz<br/>Band 13:777~787MHz<br/>Band 17:704~716MHz<br/>Band 26:814~849MHz<br/>Band 41:2555~2655MHz<br/>Band 66:1710~1780MHz</p> |
| Rx Frequency:    | <p>GPRS/EDGE:<br/>850: 869 MHz ~ 894 MHz<br/>1900: 1930 MHz ~ 1990MHz<br/>WCDMA:<br/>Band V: 869 MHz ~ 894 MHz<br/>Band II: 1930 MHz ~ 1990 MHz<br/>Band IV: 2110 MHz ~ 2155 MHz<br/>LTE:<br/>Band 2:1930~1990MHz<br/>Band 4:2110~2155MHz<br/>Band 5:869~894MHz<br/>Band 7:2620~2690MHz<br/>Band 12:729~746MHz<br/>Band 13:746~756MHz</p>                                                                                                |



|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                             | Band 17:734~746MHz<br>Band 26:859~894MHz<br>Band 41:2555~2655MHz<br>Band 66:2110~2200MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Max RF Output Power:                                                                                                                                                                                                                                                                        | GPRS850(1-Slot):32.72dBm, GPRS1900(1-Slot):30.14dBm<br>GPRS850(2-Slot):32.08dBm, GPRS1900(2-Slot):29.53dBm<br>GPRS850(3-Slot):30.40dBm, GPRS1900(3-Slot):27.96dBm<br>GPRS850(4-Slot):29.30dBm, GPRS1900(4-Slot):26.87dBm<br>EDGE 850(1-Slot):27.00dBm, EDGE 1900(1-Slot):26.68dBm<br>EDGE 850(2-Slot):25.76dBm, EDGE 1900(2-Slot):25.76dBm<br>EDGE 850(3-Slot):24.19dBm, EDGE 1900(3-Slot):23.43dBm<br>EDGE 850(4-Slot):22.76dBm, EDGE 1900(4-Slot):21.99dBm<br>WCDMA Band V:23.52dBm, WCDMA Band II:22.65dBm<br>WCDMA Band IV:21.78dBm<br>LTE B2: 24.19dBm, LTE B4: 23.57dBm, LTE B5: 24.39dBm, LTE B7:<br>23.88dBm, LTE B12: 24.01dBm, LTE B13: 24.29dBm, LTE B17:<br>24.62dBm, LTE B26: 24.59dBm, LTE B41: 22.05dBm, LTE B66:<br>24.32 dBm |
| Modulation Characteristics:                                                                                                                                                                                                                                                                 | GMSK for GPRS; GMSK and 8PSK for EDGE<br>WCDMA: QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK<br>LTE: QPSK /16QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SIM Card:                                                                                                                                                                                                                                                                                   | SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Antenna:                                                                                                                                                                                                                                                                                    | PIFA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna gain:                                                                                                                                                                                                                                                                               | GSM850: 0.15dBi, GSM1900: 0.23dBi;<br>WCDMA B2: 0.18dBi, WCDMA B4: 0.31dBi, WCDMA B5: 0.15dBi;<br>LTE B2: 0.26dBi, LTE B4: 0.23 dBi, LTE B5:0.15dBi, LTE B7:0.27dBi,<br>LTE B12: 0.05dBi, LTE B13: 0.12dBi, LTE B17: 0.05 dBi, LTE B26:<br>0.05dBi, LTE B41: 0.23dBi, LTE B66: 0.26dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Battery parameter:                                                                                                                                                                                                                                                                          | Rated Voltage:3.8 V<br>Capacity: 4000mAh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Adapter:                                                                                                                                                                                                                                                                                    | Input: AC100V-240V, 50.60Hz, 0.3A<br>Output:5V, 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GPRS/EDGE Class:                                                                                                                                                                                                                                                                            | Multi-Class12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Extreme Vol. Limits:                                                                                                                                                                                                                                                                        | DC 3.6V~ DC 4.35V(Normal: DC 3.8V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Extreme Temp. Tolerance:                                                                                                                                                                                                                                                                    | -30℃ to +50℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hardware version number:                                                                                                                                                                                                                                                                    | PL21_V1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Software version number:                                                                                                                                                                                                                                                                    | TE320_INT_V1P_230214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>** Note: The High Voltage 4.35V and Low Voltage 3.6 V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



## 2.1 EMISSION DESIGNATOR

| Mode        | Emission Designator (99%OBW) |                     |
|-------------|------------------------------|---------------------|
| GPRS850     | 249KGXW                      |                     |
| EGPRS850    | 247KG7W                      |                     |
| GPRS1900    | 246KGXW                      |                     |
| EGPRS1900   | 259KG7W                      |                     |
| Mode        | Emission Designator (99%OBW) |                     |
| WCDMA 850   | 4M18F9W                      |                     |
| WCDMA 1700  | 4M19F9W                      |                     |
| WCDMA 1900  | 4M19F9W                      |                     |
| LTE Band 2  | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 1.4         | 1M09G7D                      | 1M10W7D             |
| 3           | 2M69G7D                      | 2M69W7D             |
| 5           | 4M251G7D                     | 4M54W7D             |
| 10          | 9M0G7D                       | 8M99W7D             |
| 15          | 13M47G7D                     | 13M56W7D            |
| 20          | 18M02G7D                     | 18M01W7D            |
| LTE Band 4  | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 1.4         | 1M09G7D                      | 1M09W7D             |
| 3           | 2M69G7D                      | 2M69W7D             |
| 5           | 4M54G7D                      | 4M52W7D             |
| 10          | 9M01G7D                      | 9M01W7D             |
| 15          | 13M51G7D                     | 13M53W7D            |
| 20          | 17M95G7D                     | 18M02W7D            |
| LTE Band 5  | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 1.4         | 1M09G7D                      | 1M09W7D             |
| 3           | 2M69G7D                      | 2M69W7D             |
| 5           | 4M54G7D                      | 4M53W7D             |
| 10          | 9M01G7D                      | 9M00W7D             |
| LTE Band 7  | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 5           | 4M54G7D                      | 4M53W7D             |
| 10          | 9M01G7D                      | 9M01W7D             |
| 15          | 13M5G7D                      | 13M52W7D            |
| 20          | 18M03G7D                     | 17M97W7D            |
| LTE Band 12 | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 1.4         | 1M52G7D                      | 1M42W7D             |
| 3           | 2M77G7D                      | 2M69W7D             |
| 5           | 4M56G7D                      | 4M53W7D             |
| 10          | 9M10G7D                      | 8M98W7D             |
| LTE Band 13 | Emission Designator          | Emission Designator |
| BW(MHz)     | (99%OBW)QPSK                 | (99%OBW)16QAM       |
| 5           | 4M54G7D                      | 4M51W7D             |
| 10          | 8M99G7D                      | 9M01W7D             |



| LTE Band 17              | Emission Designator | Emission Designator |
|--------------------------|---------------------|---------------------|
| BW(MHz)                  | (99%OBW)QPSK        | (99%OBW)16QAM       |
| 5                        | 4M58G7D             | 4M54W7D             |
| 10                       | 9M07G7D             | 9M02W7D             |
| LTE Band 26<br>(Part 22) | Emission Designator | Emission Designator |
| BW(MHz)                  | (99%OBW)QPSK        | (99%OBW)16QAM       |
| 1.4                      | 1M09G7D             | 1M10W7D             |
| 3                        | 2M69G7D             | 2M68W7D             |
| 5                        | 4M55G7D             | 4M54W7D             |
| 10                       | 9M03G7D             | 9M03W7D             |
| 15                       | 13M49G7D            | 13M52W7D            |
| LTE Band 26<br>(Part 90) | Emission Designator | Emission Designator |
| BW(MHz)                  | (99%OBW)QPSK        | (99%OBW)16QAM       |
| 1.4                      | 1M09G7D             | 1M09W7D             |
| 3                        | 2M69G7D             | 2M69W7D             |
| 5                        | 4M53G7D             | 4M53W7D             |
| 10                       | 8M99G7D             | 9M0W7D              |
| LTE Band 41              | Emission Designator | Emission Designator |
| BW(MHz)                  | (99%OBW)QPSK        | (99%OBW)16QAM       |
| 5                        | 4M52G7D             | 4M53W7D             |
| 10                       | 9M00G7D             | 9M01W7D             |
| 15                       | 13M54G7D            | 13M53W7D            |
| 20                       | 18M00G7D            | 17M98W7D            |
| LTE Band 66              | Emission Designator | Emission Designator |
| BW(MHz)                  | (99%OBW)QPSK        | (99%OBW)16QAM       |
| 1.4                      | 1M09G7D             | 1M09W7D             |
| 3                        | 2M69G7D             | 2M68W7D             |
| 5                        | 4M53G7D             | 4M54W7D             |
| 10                       | 9M02G7D             | 9M02W7D             |
| 15                       | 13M50G7D            | 13M47W7D            |
| 20                       | 17M99G7D            | 18M02W7D            |



### 3 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

1. 30 MHz to 10th harmonic for GSM850 and WCDMA Band V.
2. 30 MHz to 10th harmonic for WCDMA Band IV.
3. 30 MHz to 10th harmonic for GSM1900 and WCDMA Band II.

All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

|               | TEST MODES              |                         |
|---------------|-------------------------|-------------------------|
|               | RADIATED TCS            | CONDUCTED TCS           |
| BAND          |                         |                         |
| GPRS 850      | GPRS/EDGE CLASS 12 LINK | GPRS/EDGE CLASS 12 LINK |
| GPRS 1900     | GPRS/EDGE CLASS 12 LINK | GPRS/EDGE CLASS 12 LINK |
| WCDMA BAND V  | RMC 12.2KBPS LINK       | RMC 12.2KBPS LINK       |
| WCDMA BAND II | RMC 12.2KBPS LINK       | RMC 12.2KBPS LINK       |
| WCDMA BAND IV | RMC 12.2KBPS LINK       | RMC 12.2KBPS LINK       |



LTE:

| ITEMS               | Band | Bandwidth (MHz) |   |   |    |    |    | Modulation |       | RB # |      |      | Test Channel |   |   |
|---------------------|------|-----------------|---|---|----|----|----|------------|-------|------|------|------|--------------|---|---|
|                     |      | 1.4             | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power   | 2    | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                     | 4    | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                     | 5    | v               | v | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                     | 7    |                 |   | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                     | 12   | v               | v | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                     | 13   |                 |   | v | v  |    |    | v          | v     | v    | v    | v    |              | v |   |
|                     | 17   |                 |   | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                     | 26   | v               | v | v | v  | v  |    | v          | v     | v    | v    | v    | v            | v | v |
|                     | 41   |                 |   | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                     | 66   | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
| Peak&Avera Ratio    | 2    | v               | v | v | v  | v  | v  | v          | v     | v    |      |      | v            | v | v |
|                     | 4    | v               | v | v | v  | v  | v  | v          | v     | v    |      |      | v            | v | v |
|                     | 5    | v               | v | v | v  |    |    | v          | v     | v    |      |      | v            | v | v |
|                     | 7    |                 |   | v | v  | v  | v  | v          | v     | v    |      |      | v            | v | v |
|                     | 12   | v               | v | v | v  |    |    | v          | v     | v    |      |      | v            | v | v |
|                     | 13   |                 |   | v | v  |    |    | v          | v     | v    |      |      |              | v |   |
|                     | 17   |                 |   | v | v  |    |    | v          | v     | v    |      |      | v            | v | v |
|                     | 26   | v               | v | v | v  | v  |    | v          | v     | v    |      |      | v            | v | v |
|                     | 41   |                 |   | v | v  | v  | v  | v          | v     | v    |      |      | v            | v | v |
|                     | 66   | v               | v | v | v  | v  | v  | v          | v     | v    |      |      | v            | v | v |
| 26dB&99% Bandwidth  | 2    | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            | v | v |
|                     | 4    | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            | v | v |
|                     | 5    | v               | v | v | v  |    |    | v          | v     |      |      | v    | v            | v | v |
|                     | 7    |                 |   | v | v  | v  | v  | v          | v     |      |      | v    | v            | v | v |
|                     | 12   | v               | v | v | v  |    |    | v          | v     |      |      | v    | v            | v | v |
|                     | 13   |                 |   | v | v  |    |    | v          | v     |      |      | v    |              | v |   |
|                     | 17   |                 |   | v | v  |    |    | v          | v     |      |      | v    | v            | v | v |
|                     | 26   | v               | v | v | v  | v  |    | v          | v     |      |      | v    | v            | v | v |
|                     | 41   |                 |   | v | v  | v  | v  | v          | v     |      |      | v    | v            | v | v |
|                     | 66   | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            | v | v |
| Conducted Band Edge | 2    | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            |   | v |
|                     | 4    | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            |   | v |
|                     | 5    | v               | v | v | v  |    |    | v          | v     |      |      | v    | v            |   | v |
|                     | 7    |                 |   | v | v  | v  | v  | v          | v     |      |      | v    | v            |   | v |
|                     | 12   | v               | v | v | v  |    |    | v          | v     |      |      | v    | v            |   | v |
|                     | 13   |                 |   | v | v  |    |    | v          | v     |      |      | v    |              | v |   |
|                     | 17   |                 |   | v | v  |    |    | v          | v     |      |      | v    | v            |   | v |
|                     | 26   | v               | v | v | v  | v  |    | v          | v     |      |      | v    | v            |   | v |
|                     | 41   |                 |   | v | v  | v  | v  | v          | v     |      |      | v    | v            |   | v |
|                     | 66   | v               | v | v | v  | v  | v  | v          | v     |      |      | v    | v            |   | v |



|                             |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Conducted Spurious Emission | 2  | v | v | v | v | v | v | v | v | v |   | v | v | v | v |
|                             | 4  | v | v | v | v | v | v | v | v | v |   | v | v | v | v |
|                             | 5  | v | v | v | v |   |   | v | v | v |   | v | v | v | v |
|                             | 7  |   |   | v | v | v | v | v | v | v |   | v | v | v | v |
|                             | 12 | v | v | v | v |   |   | v | v | v |   | v | v | v | v |
|                             | 13 |   |   | v | v |   |   | v | v | v |   | v |   | v |   |
|                             | 17 |   |   | v | v |   |   | v | v | v |   | v | v | v | v |
|                             | 26 | v | v | v | v | v |   | v | v | v |   | v | v | v | v |
|                             | 41 |   |   | v | v | v | v | v | v | v |   | v | v | v | v |
|                             | 66 | v | v | v | v | v | v | v | v | v |   | v | v | v | v |
| Frequency Stability         | 2  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 4  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 5  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 7  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 12 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 13 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 17 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 26 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 41 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                             | 66 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
| E.R.P.& E.I.R.P.            | 2  | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
|                             | 4  | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
|                             | 5  | v | v | v | v |   |   | v | v | v | v | v | v | v | v |
|                             | 7  |   |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                             | 12 | v | v | v | v |   |   | v | v | v | v | v | v | v | v |
|                             | 13 |   |   | v | v |   |   | v | v | v | v | v |   | v |   |
|                             | 17 |   |   | v | v |   |   | v | v | v | v | v | v | v | v |
|                             | 26 | v | v | v | v | v |   | v | v | v | v | v | v | v | v |
|                             | 41 |   |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                             | 66 | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| Radiated Spurious Emission  | 2  | v | v | v | v | v | v | v |   | v |   |   | v | v | v |
|                             | 4  | v | v | v | v | v | v | v |   | v |   |   | v | v | v |
|                             | 5  | v | v | v | v |   |   | v |   | v |   |   | v | v | v |
|                             | 7  |   |   | v | v | v | v | v |   | v |   |   | v | v | v |
|                             | 12 | v | v | v | v |   |   | v |   | v |   |   | v | v | v |
|                             | 13 |   |   | v | v |   |   | v |   | v |   |   |   | v |   |
|                             | 17 |   |   | v | v |   |   | v |   | v |   |   | v | v | v |
|                             | 26 | v | v | v | v | v |   | v |   | v |   |   | v | v | v |
|                             | 41 |   |   | v | v | v | v | v |   | v |   |   | v | v | v |
|                             | 66 | v | v | v | v | v | v | v |   | v |   |   | v | v | v |



## 4 MEASUREMENT INSTRUMENTS

| RF Radiation Test Equipment         |                   |                    |                 |                  |                  |
|-------------------------------------|-------------------|--------------------|-----------------|------------------|------------------|
| Kind of Equipment                   | Manufacturer      | Type No.           | Serial No.      | Last Calibration | Calibrated Until |
| Temperature & Humidity              | SW-108            | SuWei              | N/A             | 2023.03.03       | 2024.03.02       |
| Wireless Communications Test Set    | R&S               | CMW 500            | 117239          | 2023.03.01       | 2024.02.29       |
| Pre-Amplifier(0.1M-3GHz)            | EM                | EM330              | 060665          | 2022.07.04       | 2023.07.03       |
| Pre-Amplifier (1G-18GHz)            | SKET              | LNPA-01018G-45     | SK2018080901    | 2022.09.29       | 2023.09.28       |
| Positioning Controller              | MF                | MF-7802            | MF-780208587    | N/A              | N/A              |
| Signal Analyzer                     | R&S               | FSV 40-N           | 101823          | 2022.09.29       | 2023.09.28       |
| Switch Control Box                  | N/A               | N/A                | N/A             | N/A              | N/A              |
| Filter Box                          | BALUN Technology  | SU319E             | BL-SZ1530051    | N/A              | N/A              |
| Video Controller                    | SKET              | FCS C-3            | N/A             | N/A              | N/A              |
| Bilog Antenna                       | TESEQ             | CBL6111D           | 34678           | 2022.09.30       | 2024.09.29       |
| Horn Antenna                        | SCHWARZBECK       | BBHA 9120D         | 02014           | 2021.10.11       | 2023.10.10       |
| Antenna Mast                        | MF                | MFA-440H           | N/A             | N/A              | N/A              |
| Turn Table                          | MF                | N/A                | N/A             | N/A              | N/A              |
| AC Power Source                     | APC               | KDF-11010G         | F214050035      | N/A              | N/A              |
| DC Power Supply                     | Zhaoxin           | RXN 605D           | 20R605D11010081 | N/A              | N/A              |
| Test SW                             | EMC Test Software | 15.2.0.339         |                 |                  |                  |
|                                     | EZ-EMC            | Ver.STSLAB-03A1 RE |                 |                  |                  |
| RF Connected Test Equipment         |                   |                    |                 |                  |                  |
| Kind of Equipment                   | Manufacturer      | Type No.           | Serial No.      | Last Calibration | Calibrated Until |
| Temperature & Humidity              | SW-108            | SuWei              | N/A             | 2023.03.03       | 2024.03.02       |
| Wireless Communications Test Set    | R&S               | CMW 500            | 131428          | 2023.03.01       | 2024.02.29       |
| Signal Analyzer                     | Agilent           | N9020A             | MY52440124      | 2023.03.01       | 2024.02.29       |
| RF Automatic Test System            | Maiwei            | MW200-SFCB         | N/A             | N/A              | N/A              |
| Temperature & Humidity Test Chamber | Safety test       | AG80L              | 171200018       | 2023.03.01       | 2024.02.29       |
| Programmable Power Supply           | Agilent           | E3642A             | MY40002025      | 2022.09.29       | 2023.09.28       |
| Test SW                             | MTS 8200          | 2.0.0.0            |                 |                  |                  |

## 5 TEST ITEMS

### 5.1 CONDUCTED OUTPUT POWER&TRANSMITTER RADIATED POWER

#### TEST OVERVIEW

##### CONDUCTED OUTPUT POWER:

A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

##### TRANSMITTER RADIATED POWER (EIRP/ERP)

Determining ERP and/or EIRP from conducted RF output power measurements according to ANSI C63.26 2015 Section 5.2.5.5.

In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts). The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

(1) ERP or EIRP = P<sub>Meas</sub> + GT

$$\text{ERP} = \text{EIRP} - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P<sub>Meas</sub>, e.g., dBm or dBW)

P<sub>Meas</sub> measured transmitter output power or PSD, in dBm or dBW

GT gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.

The following equations demonstrate the mathematical relationship between ERP and EIRP:

a) ERP = EIRP – 2.15, where ERP and EIRP are expressed in consistent units.

b) EIRP = ERP + 2.15, where ERP and EIRP are expressed in consistent units.

#### TEST PROCEDURES

1. The transmitter output port was connected to the system simulator.
2. Set eut at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

#### TEST SETUP



TEST RESULT

| GSM 850             |                 |                           |                |           |               |                 |            |
|---------------------|-----------------|---------------------------|----------------|-----------|---------------|-----------------|------------|
| Mode                | Frequency (MHz) | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit (W) | ERP Limit (dBm) | Conclusion |
| GPRS (GMSK,1-Slot)  | 824.2           | 32.72                     | 0.15           | 30.72     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 32.49                     | 0.15           | 30.49     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 32.41                     | 0.15           | 30.41     | 7.00          | 38.45           | PASS       |
| GPRS (GMSK,2-Slot)  | 824.2           | 32.08                     | 0.15           | 30.08     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 31.80                     | 0.15           | 29.80     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 31.69                     | 0.15           | 29.69     | 7.00          | 38.45           | PASS       |
| GPRS (GMSK,3-Slot)  | 824.2           | 30.40                     | 0.15           | 28.40     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 30.08                     | 0.15           | 28.08     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 29.95                     | 0.15           | 27.95     | 7.00          | 38.45           | PASS       |
| GPRS (GMSK,4-Slot)  | 824.2           | 29.30                     | 0.15           | 27.30     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 28.98                     | 0.15           | 26.98     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 28.82                     | 0.15           | 26.82     | 7.00          | 38.45           | PASS       |
| EGPRS (8PSK,1-Slot) | 824.2           | 27.00                     | 0.15           | 25.00     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 26.93                     | 0.15           | 24.93     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 26.92                     | 0.15           | 24.92     | 7.00          | 38.45           | PASS       |
| EGPRS (8PSK,2-Slot) | 824.2           | 25.76                     | 0.15           | 23.76     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 25.86                     | 0.15           | 23.86     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 25.86                     | 0.15           | 23.86     | 7.00          | 38.45           | PASS       |
| EGPRS (8PSK,3-Slot) | 824.2           | 24.19                     | 0.15           | 22.19     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 23.26                     | 0.15           | 21.26     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 23.79                     | 0.15           | 21.79     | 7.00          | 38.45           | PASS       |
| EGPRS (8PSK,4-Slot) | 824.2           | 22.76                     | 0.15           | 20.76     | 7.00          | 38.45           | PASS       |
|                     | 836.6           | 22.45                     | 0.15           | 20.45     | 7.00          | 38.45           | PASS       |
|                     | 848.8           | 22.50                     | 0.15           | 20.50     | 7.00          | 38.45           | PASS       |



| PCS 1900            |                 |                           |                |            |                |                  |            |
|---------------------|-----------------|---------------------------|----------------|------------|----------------|------------------|------------|
| Mode                | Frequency (MHz) | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit (W) | EIRP Limit (dBm) | Conclusion |
| GPRS (GMSK,1-Slot)  | 1850.2          | 29.30                     | 0.23           | 29.53      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 29.88                     | 0.23           | 30.11      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 30.14                     | 0.23           | 30.37      | 2.00           | 33.01            | PASS       |
| GPRS (GMSK,2-Slot)  | 1850.2          | 28.70                     | 0.23           | 28.93      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 29.27                     | 0.23           | 29.50      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 29.53                     | 0.23           | 29.76      | 2.00           | 33.01            | PASS       |
| GPRS (GMSK,3-Slot)  | 1850.2          | 27.11                     | 0.23           | 27.34      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 27.68                     | 0.23           | 27.91      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 27.96                     | 0.23           | 28.19      | 2.00           | 33.01            | PASS       |
| GPRS (GMSK,4-Slot)  | 1850.2          | 26.01                     | 0.23           | 26.24      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 26.61                     | 0.23           | 26.84      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 26.87                     | 0.23           | 27.10      | 2.00           | 33.01            | PASS       |
| EGPRS (8PSK,1-Slot) | 1850.2          | 25.45                     | 0.23           | 25.68      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 26.58                     | 0.23           | 26.81      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 26.68                     | 0.23           | 26.91      | 2.00           | 33.01            | PASS       |
| EGPRS (8PSK,2-Slot) | 1850.2          | 24.28                     | 0.23           | 24.51      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 25.17                     | 0.23           | 25.40      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 25.76                     | 0.23           | 25.99      | 2.00           | 33.01            | PASS       |
| EGPRS (8PSK,3-Slot) | 1850.2          | 22.63                     | 0.23           | 22.86      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 22.70                     | 0.23           | 22.93      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 23.43                     | 0.23           | 23.66      | 2.00           | 33.01            | PASS       |
| EGPRS (8PSK,4-Slot) | 1850.2          | 20.91                     | 0.23           | 21.14      | 2.00           | 33.01            | PASS       |
|                     | 1880.0          | 21.27                     | 0.23           | 21.50      | 2.00           | 33.01            | PASS       |
|                     | 1909.8          | 21.99                     | 0.23           | 22.22      | 2.00           | 33.01            | PASS       |



| Radiated Power (EIRP) for WCDMA Band 2 |                 |                           |                |            |               |                  |            |
|----------------------------------------|-----------------|---------------------------|----------------|------------|---------------|------------------|------------|
| Mode                                   | Frequency (MHz) | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit (dBm) | Conclusion |
| WCDMA                                  | 1852.40         | 22.65                     | 0.18           | 22.83      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 22.63                     | 0.18           | 22.81      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 22.47                     | 0.18           | 22.65      | 2.00          | 33.01            | PASS       |
| HSDPA Subtest 1                        | 1852.40         | 21.64                     | 0.18           | 21.82      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 21.23                     | 0.18           | 21.41      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 19.90                     | 0.18           | 20.08      | 2.00          | 33.01            | PASS       |
| HSDPA Subtest 2                        | 1852.40         | 20.09                     | 0.18           | 20.27      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 21.68                     | 0.18           | 21.86      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 21.30                     | 0.18           | 21.48      | 2.00          | 33.01            | PASS       |
| HSDPA Subtest 3                        | 1852.40         | 20.04                     | 0.18           | 20.22      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 20.47                     | 0.18           | 20.65      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 21.50                     | 0.18           | 21.68      | 2.00          | 33.01            | PASS       |
| HSDPA Subtest 4                        | 1852.40         | 21.22                     | 0.18           | 21.40      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 19.98                     | 0.18           | 20.16      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 19.68                     | 0.18           | 19.86      | 2.00          | 33.01            | PASS       |
| HSUPA Subtest 1                        | 1852.40         | 20.48                     | 0.18           | 20.66      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 21.50                     | 0.18           | 21.68      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 19.57                     | 0.18           | 19.75      | 2.00          | 33.01            | PASS       |
| HSUPA Subtest 2                        | 1852.40         | 21.58                     | 0.18           | 21.76      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 20.41                     | 0.18           | 20.59      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 21.35                     | 0.18           | 21.53      | 2.00          | 33.01            | PASS       |
| HSUPA Subtest 3                        | 1852.40         | 21.41                     | 0.18           | 21.59      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 20.52                     | 0.18           | 20.70      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 21.61                     | 0.18           | 21.79      | 2.00          | 33.01            | PASS       |
| HSUPA Subtest 4                        | 1852.40         | 20.98                     | 0.18           | 21.16      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 21.28                     | 0.18           | 21.46      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 21.31                     | 0.18           | 21.49      | 2.00          | 33.01            | PASS       |
| HSUPA Subtest 5                        | 1852.40         | 20.05                     | 0.18           | 20.23      | 2.00          | 33.01            | PASS       |
|                                        | 1880.00         | 21.44                     | 0.18           | 21.62      | 2.00          | 33.01            | PASS       |
|                                        | 1907.60         | 20.88                     | 0.18           | 21.06      | 2.00          | 33.01            | PASS       |



| Radiated Power (EIRP) for WCDMA Band 4 |                 |                           |                |            |               |                  |            |
|----------------------------------------|-----------------|---------------------------|----------------|------------|---------------|------------------|------------|
| Mode                                   | Frequency (MHz) | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit (dBm) | Conclusion |
| WCDMA                                  | 1712.40         | 21.78                     | 0.31           | 22.09      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 21.54                     | 0.31           | 21.85      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 21.67                     | 0.31           | 21.98      | 1.00          | 30.00            | PASS       |
| HSDPA Subtest 1                        | 1712.40         | 20.48                     | 0.31           | 20.79      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 20.16                     | 0.31           | 20.47      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 18.97                     | 0.31           | 19.28      | 1.00          | 30.00            | PASS       |
| HSDPA Subtest 2                        | 1712.40         | 18.85                     | 0.31           | 19.16      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 20.28                     | 0.31           | 20.59      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 19.68                     | 0.31           | 19.99      | 1.00          | 30.00            | PASS       |
| HSDPA Subtest 3                        | 1712.40         | 18.96                     | 0.31           | 19.27      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 18.62                     | 0.31           | 18.93      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 20.41                     | 0.31           | 20.72      | 1.00          | 30.00            | PASS       |
| HSDPA Subtest 4                        | 1712.40         | 19.74                     | 0.31           | 20.05      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 18.57                     | 0.31           | 18.88      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 19.09                     | 0.31           | 19.40      | 1.00          | 30.00            | PASS       |
| HSUPA Subtest 1                        | 1712.40         | 19.24                     | 0.31           | 19.55      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 20.68                     | 0.31           | 20.99      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 18.80                     | 0.31           | 19.11      | 1.00          | 30.00            | PASS       |
| HSUPA Subtest 2                        | 1712.40         | 20.68                     | 0.31           | 20.99      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 18.99                     | 0.31           | 19.30      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 20.27                     | 0.31           | 20.58      | 1.00          | 30.00            | PASS       |
| HSUPA Subtest 3                        | 1712.40         | 20.37                     | 0.31           | 20.68      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 19.26                     | 0.31           | 19.57      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 20.40                     | 0.31           | 20.71      | 1.00          | 30.00            | PASS       |
| HSUPA Subtest 4                        | 1712.40         | 19.73                     | 0.31           | 20.04      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 20.39                     | 0.31           | 20.70      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 20.58                     | 0.31           | 20.89      | 1.00          | 30.00            | PASS       |
| HSUPA Subtest 5                        | 1712.40         | 19.05                     | 0.31           | 19.36      | 1.00          | 30.00            | PASS       |
|                                        | 1740.00         | 20.49                     | 0.31           | 20.80      | 1.00          | 30.00            | PASS       |
|                                        | 1752.60         | 19.84                     | 0.31           | 20.15      | 1.00          | 30.00            | PASS       |



| Radiated Power (ERP) for WCDMA Band 5 |                 |                           |                |           |              |                 |            |
|---------------------------------------|-----------------|---------------------------|----------------|-----------|--------------|-----------------|------------|
| Mode                                  | Frequency (MHz) | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit (dBm) | Conclusion |
| WCDMA                                 | 826.40          | 23.52                     | 0.15           | 21.52     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 23.45                     | 0.15           | 21.45     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 23.40                     | 0.15           | 21.40     | 7.00         | 38.45           | PASS       |
| HSDPA Subtest 1                       | 826.40          | 22.40                     | 0.15           | 20.40     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 22.03                     | 0.15           | 20.03     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 20.95                     | 0.15           | 18.95     | 7.00         | 38.45           | PASS       |
| HSDPA Subtest 2                       | 826.40          | 20.85                     | 0.15           | 18.85     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 22.34                     | 0.15           | 20.34     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 21.86                     | 0.15           | 19.86     | 7.00         | 38.45           | PASS       |
| HSDPA Subtest 3                       | 826.40          | 20.83                     | 0.15           | 18.83     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 20.82                     | 0.15           | 18.82     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 22.22                     | 0.15           | 20.22     | 7.00         | 38.45           | PASS       |
| HSDPA Subtest 4                       | 826.40          | 21.60                     | 0.15           | 19.60     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 20.77                     | 0.15           | 18.77     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 20.54                     | 0.15           | 18.54     | 7.00         | 38.45           | PASS       |
| HSUPA Subtest 1                       | 826.40          | 21.78                     | 0.15           | 19.78     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 22.25                     | 0.15           | 20.25     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 20.40                     | 0.15           | 18.40     | 7.00         | 38.45           | PASS       |
| HSUPA Subtest 2                       | 826.40          | 22.38                     | 0.15           | 20.38     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 20.57                     | 0.15           | 18.57     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 21.97                     | 0.15           | 19.97     | 7.00         | 38.45           | PASS       |
| HSUPA Subtest 3                       | 826.40          | 22.23                     | 0.15           | 20.23     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 20.85                     | 0.15           | 18.85     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 22.28                     | 0.15           | 20.28     | 7.00         | 38.45           | PASS       |
| HSUPA Subtest 4                       | 826.40          | 21.88                     | 0.15           | 19.88     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 21.99                     | 0.15           | 19.99     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 22.07                     | 0.15           | 20.07     | 7.00         | 38.45           | PASS       |
| HSUPA Subtest 5                       | 826.40          | 20.74                     | 0.15           | 18.74     | 7.00         | 38.45           | PASS       |
|                                       | 836.40          | 22.16                     | 0.15           | 20.16     | 7.00         | 38.45           | PASS       |
|                                       | 846.60          | 21.75                     | 0.15           | 19.75     | 7.00         | 38.45           | PASS       |



| Radiated Power (EIRP) for LTE Band 2 /1.4M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 1.4                                        | Lowest     | 1       | 0         | QPSK       | 23.78                     | 0.26           | 24.04      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 23.94                     | 0.26           | 24.20      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 23.80                     | 0.26           | 24.06      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 23.63                     | 0.26           | 23.89      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 23.69                     | 0.26           | 23.95      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 23.65                     | 0.26           | 23.91      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.71                     | 0.26           | 22.97      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 22.86                     | 0.26           | 23.12      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 22.73                     | 0.26           | 22.99      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 22.76                     | 0.26           | 23.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 21.80                     | 0.26           | 22.06      | 2.00          | 33.01           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 23.78                     | 0.26           | 24.04      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 23.92                     | 0.26           | 24.18      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 23.76                     | 0.26           | 24.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 23.82                     | 0.26           | 24.08      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 23.82                     | 0.26           | 24.08      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 23.81                     | 0.26           | 24.07      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 22.83                     | 0.26           | 23.09      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.93                     | 0.26           | 23.19      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 23.05                     | 0.26           | 23.31      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 22.91                     | 0.26           | 23.17      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 23.02                     | 0.26           | 23.28      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 23.07                     | 0.26           | 23.33      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 23.01                     | 0.26           | 23.27      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 21.93                     | 0.26           | 22.19      | 2.00          | 33.01           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 23.65                     | 0.26           | 23.91      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 23.73                     | 0.26           | 23.99      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 23.61                     | 0.26           | 23.87      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 23.59                     | 0.26           | 23.85      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 23.60                     | 0.26           | 23.86      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 23.57                     | 0.26           | 23.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 22.63                     | 0.26           | 22.89      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.40                     | 0.26           | 22.66      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 2         |            | 22.57                     | 0.26           | 22.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 5         |            | 22.39                     | 0.26           | 22.65      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 0         |            | 22.70                     | 0.26           | 22.96      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 1         |            | 22.72                     | 0.26           | 22.98      | 2.00          | 33.01           | PASS    |
|                                            |            | 3       | 2         |            | 22.72                     | 0.26           | 22.98      | 2.00          | 33.01           | PASS    |
|                                            |            | 6       | 0         |            | 21.72                     | 0.26           | 21.98      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 2 /3M |            |         |           |            |                           |                |            |               |                 |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 3                                        | Lowest     | 1       | 0         | QPSK       | 23.72                     | 0.26           | 23.98      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 23.94                     | 0.26           | 24.20      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 23.74                     | 0.26           | 24.00      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 22.73                     | 0.26           | 22.99      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 22.76                     | 0.26           | 23.02      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 22.76                     | 0.26           | 23.02      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 22.66                     | 0.26           | 22.92      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 23.15                     | 0.26           | 23.41      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 22.80                     | 0.26           | 23.06      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 21.63                     | 0.26           | 21.89      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 21.66                     | 0.26           | 21.92      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 21.65                     | 0.26           | 21.91      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 21.56                     | 0.26           | 21.82      | 2.00          | 33.01           | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.85                     | 0.26           | 24.11      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 24.17                     | 0.26           | 24.43      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 23.90                     | 0.26           | 24.16      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 22.84                     | 0.26           | 23.10      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.65                     | 0.26           | 22.91      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 22.91                     | 0.26           | 23.17      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 22.59                     | 0.26           | 22.85      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 21.74                     | 0.26           | 22.00      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 21.74                     | 0.26           | 22.00      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 21.78                     | 0.26           | 22.04      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 21.81                     | 0.26           | 22.07      | 2.00          | 33.01           | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.59                     | 0.26           | 23.85      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 23.84                     | 0.26           | 24.10      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 23.53                     | 0.26           | 23.79      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 22.62                     | 0.26           | 22.88      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 22.63                     | 0.26           | 22.89      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 22.62                     | 0.26           | 22.88      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 22.57                     | 0.26           | 22.83      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.02                     | 0.26           | 23.28      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 7         |            | 23.06                     | 0.26           | 23.32      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 14        |            | 22.90                     | 0.26           | 23.16      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 0         |            | 21.56                     | 0.26           | 21.82      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 4         |            | 21.60                     | 0.26           | 21.86      | 2.00          | 33.01           | PASS    |
|                                          |            | 8       | 7         |            | 21.54                     | 0.26           | 21.80      | 2.00          | 33.01           | PASS    |
|                                          |            | 15      | 0         |            | 21.59                     | 0.26           | 21.85      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 2 /5M |            |         |           |            |                           |                |            |               |                 |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 23.60                     | 0.26           | 23.86      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 24.02                     | 0.26           | 24.28      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.61                     | 0.26           | 23.87      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.59                     | 0.26           | 22.85      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.74                     | 0.26           | 23.00      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.63                     | 0.26           | 22.89      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.61                     | 0.26           | 22.87      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.20                     | 0.26           | 23.46      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 21.57                     | 0.26           | 21.83      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 21.69                     | 0.26           | 21.95      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.63                     | 0.26           | 21.89      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 21.51                     | 0.26           | 21.77      | 2.00          | 33.01           | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.74                     | 0.26           | 24.00      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 24.06                     | 0.26           | 24.32      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.71                     | 0.26           | 23.97      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.77                     | 0.26           | 23.03      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.82                     | 0.26           | 23.08      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.21                     | 0.26           | 23.47      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.52                     | 0.26           | 23.78      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.18                     | 0.26           | 23.44      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 21.76                     | 0.26           | 22.02      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 21.83                     | 0.26           | 22.09      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.76                     | 0.26           | 22.02      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 21.72                     | 0.26           | 21.98      | 2.00          | 33.01           | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.60                     | 0.26           | 23.86      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.90                     | 0.26           | 24.16      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.55                     | 0.26           | 23.81      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.57                     | 0.26           | 22.83      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.61                     | 0.26           | 22.87      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.54                     | 0.26           | 22.80      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.60                     | 0.26           | 22.86      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.17                     | 0.26           | 23.43      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 22.79                     | 0.26           | 23.05      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 21.53                     | 0.26           | 21.79      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 21.57                     | 0.26           | 21.83      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.46                     | 0.26           | 21.72      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 21.55                     | 0.26           | 21.81      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 2 /10M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 10                                        | Lowest     | 1       | 0         | QPSK       | 23.69                     | 0.26           | 23.95      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.86                     | 0.26           | 24.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.81                     | 0.26           | 24.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 22.71                     | 0.26           | 22.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 22.77                     | 0.26           | 23.03      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.70                     | 0.26           | 22.96      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.97                     | 0.26           | 23.23      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.16                     | 0.26           | 23.42      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.11                     | 0.26           | 23.37      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.60                     | 0.26           | 21.86      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.74                     | 0.26           | 22.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.67                     | 0.26           | 21.93      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.64                     | 0.26           | 21.90      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.85                     | 0.26           | 24.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.94                     | 0.26           | 24.20      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.75                     | 0.26           | 24.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 22.84                     | 0.26           | 23.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.87                     | 0.26           | 23.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.92                     | 0.26           | 23.18      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.08                     | 0.26           | 23.34      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.86                     | 0.26           | 23.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.78                     | 0.26           | 22.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.81                     | 0.26           | 22.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.77                     | 0.26           | 22.03      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.83                     | 0.26           | 22.09      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.78                     | 0.26           | 24.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.85                     | 0.26           | 24.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.67                     | 0.26           | 23.93      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 22.68                     | 0.26           | 22.94      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 22.66                     | 0.26           | 22.92      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 22.67                     | 0.26           | 22.93      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.68                     | 0.26           | 22.94      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.54                     | 0.26           | 22.80      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 22.65                     | 0.26           | 22.91      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.42                     | 0.26           | 22.68      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.67                     | 0.26           | 21.93      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.64                     | 0.26           | 21.90      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.63                     | 0.26           | 21.89      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.61                     | 0.26           | 21.87      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 2 /15M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 15                                        | Lowest     | 1       | 0         | QPSK       | 23.75                     | 0.26           | 24.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 24.11                     | 0.26           | 24.37      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 23.90                     | 0.26           | 24.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 22.80                     | 0.26           | 23.06      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 22.83                     | 0.26           | 23.09      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.80                     | 0.26           | 23.06      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.64                     | 0.26           | 22.90      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.12                     | 0.26           | 23.38      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.70                     | 0.26           | 21.96      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.79                     | 0.26           | 22.05      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 21.75                     | 0.26           | 22.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.75                     | 0.26           | 22.01      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.76                     | 0.26           | 24.02      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.97                     | 0.26           | 24.23      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 23.63                     | 0.26           | 23.89      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 22.87                     | 0.26           | 23.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 22.88                     | 0.26           | 23.14      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.84                     | 0.26           | 23.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 22.87                     | 0.26           | 23.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.14                     | 0.26           | 23.40      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.39                     | 0.26           | 23.65      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.99                     | 0.26           | 23.25      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.88                     | 0.26           | 22.14      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.86                     | 0.26           | 22.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 21.80                     | 0.26           | 22.06      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.78                     | 0.26           | 22.04      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.67                     | 0.26           | 23.93      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.97                     | 0.26           | 24.23      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 23.44                     | 0.26           | 23.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 22.74                     | 0.26           | 23.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 22.71                     | 0.26           | 22.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.66                     | 0.26           | 22.92      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 22.73                     | 0.26           | 22.99      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.78                     | 0.26           | 23.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.14                     | 0.26           | 23.40      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.51                     | 0.26           | 22.77      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.82                     | 0.26           | 22.08      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.74                     | 0.26           | 22.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 21.66                     | 0.26           | 21.92      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.65                     | 0.26           | 21.91      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 2 /20M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 20                                        | Lowest     | 1       | 0         | QPSK       | 23.49                     | 0.26           | 23.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.95                     | 0.26           | 24.21      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 23.56                     | 0.26           | 23.82      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.78                     | 0.26           | 23.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 22.83                     | 0.26           | 23.09      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 22.78                     | 0.26           | 23.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 22.81                     | 0.26           | 23.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.63                     | 0.26           | 22.89      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.18                     | 0.26           | 23.44      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.90                     | 0.26           | 23.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.78                     | 0.26           | 22.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.84                     | 0.26           | 22.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.77                     | 0.26           | 22.03      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.80                     | 0.26           | 22.06      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.71                     | 0.26           | 23.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 24.19                     | 0.26           | 24.45      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 23.58                     | 0.26           | 23.84      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.85                     | 0.26           | 23.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 22.83                     | 0.26           | 23.09      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 22.74                     | 0.26           | 23.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 22.78                     | 0.26           | 23.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.90                     | 0.26           | 23.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.14                     | 0.26           | 23.40      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.70                     | 0.26           | 22.96      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.75                     | 0.26           | 22.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.73                     | 0.26           | 21.99      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.69                     | 0.26           | 21.95      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.71                     | 0.26           | 21.97      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.50                     | 0.26           | 23.76      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.86                     | 0.26           | 24.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 23.38                     | 0.26           | 23.64      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.88                     | 0.26           | 23.14      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 22.75                     | 0.26           | 23.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 22.68                     | 0.26           | 22.94      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 22.75                     | 0.26           | 23.01      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.72                     | 0.26           | 22.98      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.08                     | 0.26           | 23.34      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.58                     | 0.26           | 22.84      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.82                     | 0.26           | 22.08      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.73                     | 0.26           | 21.99      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.72                     | 0.26           | 21.98      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.70                     | 0.26           | 21.96      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /1.4M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 1.4                                        | Lowest     | 1       | 0         | QPSK       | 23.08                     | 0.23           | 23.31      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 23.25                     | 0.23           | 23.48      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 23.12                     | 0.23           | 23.35      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 23.17                     | 0.23           | 23.40      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 23.17                     | 0.23           | 23.40      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 23.18                     | 0.23           | 23.41      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 22.10                     | 0.23           | 22.33      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.23                     | 0.23           | 22.46      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 22.38                     | 0.23           | 22.61      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 22.25                     | 0.23           | 22.48      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 22.37                     | 0.23           | 22.60      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 22.38                     | 0.23           | 22.61      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 22.41                     | 0.23           | 22.64      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 21.22                     | 0.23           | 21.45      | 1.00          | 30.00           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 22.91                     | 0.23           | 23.14      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 23.08                     | 0.23           | 23.31      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 22.87                     | 0.23           | 23.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 22.83                     | 0.23           | 23.06      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 22.83                     | 0.23           | 23.06      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 22.83                     | 0.23           | 23.06      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 21.88                     | 0.23           | 22.11      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 21.54                     | 0.23           | 21.77      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 21.75                     | 0.23           | 21.98      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 21.54                     | 0.23           | 21.77      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 21.91                     | 0.23           | 22.14      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 21.90                     | 0.23           | 22.13      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 21.94                     | 0.23           | 22.17      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 20.93                     | 0.23           | 21.16      | 1.00          | 30.00           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 23.00                     | 0.23           | 23.23      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 23.15                     | 0.23           | 23.38      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 22.96                     | 0.23           | 23.19      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 22.91                     | 0.23           | 23.14      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 22.96                     | 0.23           | 23.19      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 22.96                     | 0.23           | 23.19      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 21.97                     | 0.23           | 22.20      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.02                     | 0.23           | 22.25      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 2         |            | 22.19                     | 0.23           | 22.42      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 5         |            | 22.11                     | 0.23           | 22.34      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 0         |            | 22.13                     | 0.23           | 22.36      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 1         |            | 22.14                     | 0.23           | 22.37      | 1.00          | 30.00           | PASS    |
|                                            |            | 3       | 2         |            | 22.13                     | 0.23           | 22.36      | 1.00          | 30.00           | PASS    |
|                                            |            | 6       | 0         |            | 21.09                     | 0.23           | 21.32      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /3M |            |         |           |            |                           |                |            |               |                 |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 3                                        | Lowest     | 1       | 0         | QPSK       | 23.13                     | 0.23           | 23.36      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 23.40                     | 0.23           | 23.63      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 23.17                     | 0.23           | 23.40      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 22.13                     | 0.23           | 22.36      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 22.16                     | 0.23           | 22.39      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 22.17                     | 0.23           | 22.40      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 22.14                     | 0.23           | 22.37      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.53                     | 0.23           | 22.76      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 22.78                     | 0.23           | 23.01      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 22.57                     | 0.23           | 22.80      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 21.12                     | 0.23           | 21.35      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 21.14                     | 0.23           | 21.37      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 21.19                     | 0.23           | 21.42      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 21.15                     | 0.23           | 21.38      | 1.00          | 30.00           | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 22.87                     | 0.23           | 23.10      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 23.23                     | 0.23           | 23.46      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 22.84                     | 0.23           | 23.07      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 21.88                     | 0.23           | 22.11      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 21.92                     | 0.23           | 22.15      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 21.89                     | 0.23           | 22.12      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 21.80                     | 0.23           | 22.03      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 21.95                     | 0.23           | 22.18      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 21.90                     | 0.23           | 22.13      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 20.79                     | 0.23           | 21.02      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 20.82                     | 0.23           | 21.05      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 20.79                     | 0.23           | 21.02      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 20.72                     | 0.23           | 20.95      | 1.00          | 30.00           | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.03                     | 0.23           | 23.26      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 23.37                     | 0.23           | 23.60      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 23.03                     | 0.23           | 23.26      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 21.97                     | 0.23           | 22.20      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 21.99                     | 0.23           | 22.22      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 21.98                     | 0.23           | 22.21      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 21.93                     | 0.23           | 22.16      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 21.79                     | 0.23           | 22.02      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 7         |            | 22.08                     | 0.23           | 22.31      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 14        |            | 21.79                     | 0.23           | 22.02      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 0         |            | 20.92                     | 0.23           | 21.15      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 4         |            | 20.96                     | 0.23           | 21.19      | 1.00          | 30.00           | PASS    |
|                                          |            | 8       | 7         |            | 20.93                     | 0.23           | 21.16      | 1.00          | 30.00           | PASS    |
|                                          |            | 15      | 0         |            | 20.99                     | 0.23           | 21.22      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /5M |            |         |           |            |                           |                |            |               |                 |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 23.04                     | 0.23           | 23.27      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 23.52                     | 0.23           | 23.75      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 23.11                     | 0.23           | 23.34      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 22.12                     | 0.23           | 22.35      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 22.22                     | 0.23           | 22.45      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 22.19                     | 0.23           | 22.42      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.53                     | 0.23           | 22.76      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 22.97                     | 0.23           | 23.20      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 22.63                     | 0.23           | 22.86      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 21.12                     | 0.23           | 21.35      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 21.20                     | 0.23           | 21.43      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 21.25                     | 0.23           | 21.48      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 21.14                     | 0.23           | 21.37      | 1.00          | 30.00           | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 22.87                     | 0.23           | 23.10      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 23.23                     | 0.23           | 23.46      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 22.84                     | 0.23           | 23.07      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 21.71                     | 0.23           | 21.94      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 21.80                     | 0.23           | 22.03      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 21.74                     | 0.23           | 21.97      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 21.76                     | 0.23           | 21.99      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.06                     | 0.23           | 22.29      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 22.31                     | 0.23           | 22.54      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 21.95                     | 0.23           | 22.18      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 20.75                     | 0.23           | 20.98      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 20.76                     | 0.23           | 20.99      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 20.71                     | 0.23           | 20.94      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 20.75                     | 0.23           | 20.98      | 1.00          | 30.00           | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 22.85                     | 0.23           | 23.08      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 23.28                     | 0.23           | 23.51      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 22.86                     | 0.23           | 23.09      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 21.91                     | 0.23           | 22.14      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 21.99                     | 0.23           | 22.22      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 21.92                     | 0.23           | 22.15      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 21.93                     | 0.23           | 22.16      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.14                     | 0.23           | 22.37      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 12        |            | 22.51                     | 0.23           | 22.74      | 1.00          | 30.00           | PASS    |
|                                          |            | 1       | 24        |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 0         |            | 20.92                     | 0.23           | 21.15      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 6         |            | 21.04                     | 0.23           | 21.27      | 1.00          | 30.00           | PASS    |
|                                          |            | 12      | 11        |            | 20.93                     | 0.23           | 21.16      | 1.00          | 30.00           | PASS    |
|                                          |            | 25      | 0         |            | 20.89                     | 0.23           | 21.12      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /10M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 10                                        | Lowest     | 1       | 0         | QPSK       | 23.12                     | 0.23           | 23.35      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 23.28                     | 0.23           | 23.51      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 23.09                     | 0.23           | 23.32      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 22.25                     | 0.23           | 22.48      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 22.31                     | 0.23           | 22.54      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 22.27                     | 0.23           | 22.50      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.48                     | 0.23           | 22.71      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.69                     | 0.23           | 22.92      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 22.48                     | 0.23           | 22.71      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.18                     | 0.23           | 21.41      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 21.23                     | 0.23           | 21.46      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 21.30                     | 0.23           | 21.53      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.28                     | 0.23           | 21.51      | 1.00          | 30.00           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 22.94                     | 0.23           | 23.17      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 23.09                     | 0.23           | 23.32      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 22.84                     | 0.23           | 23.07      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.86                     | 0.23           | 22.09      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 21.82                     | 0.23           | 22.05      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 21.85                     | 0.23           | 22.08      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.80                     | 0.23           | 22.03      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.00                     | 0.23           | 22.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.04                     | 0.23           | 22.27      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 21.86                     | 0.23           | 22.09      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 20.82                     | 0.23           | 21.05      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 20.82                     | 0.23           | 21.05      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 20.77                     | 0.23           | 21.00      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 20.79                     | 0.23           | 21.02      | 1.00          | 30.00           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.05                     | 0.23           | 23.28      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 23.18                     | 0.23           | 23.41      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 23.04                     | 0.23           | 23.27      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.98                     | 0.23           | 22.21      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 21.97                     | 0.23           | 22.20      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 21.96                     | 0.23           | 22.19      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.96                     | 0.23           | 22.19      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.75                     | 0.23           | 21.98      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 21.92                     | 0.23           | 22.15      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 21.80                     | 0.23           | 22.03      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 20.93                     | 0.23           | 21.16      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 12        |            | 20.97                     | 0.23           | 21.20      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 24        |            | 20.93                     | 0.23           | 21.16      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 20.96                     | 0.23           | 21.19      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /15M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 15                                        | Lowest     | 1       | 0         | QPSK       | 23.11                     | 0.23           | 23.34      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 23.40                     | 0.23           | 23.63      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 22.98                     | 0.23           | 23.21      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 22.22                     | 0.23           | 22.45      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 22.29                     | 0.23           | 22.52      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 22.26                     | 0.23           | 22.49      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 22.31                     | 0.23           | 22.54      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.48                     | 0.23           | 22.71      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 22.77                     | 0.23           | 23.00      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 22.32                     | 0.23           | 22.55      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 21.22                     | 0.23           | 21.45      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 21.31                     | 0.23           | 21.54      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 21.28                     | 0.23           | 21.51      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 21.26                     | 0.23           | 21.49      | 1.00          | 30.00           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 22.93                     | 0.23           | 23.16      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 23.10                     | 0.23           | 23.33      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 22.81                     | 0.23           | 23.04      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 21.92                     | 0.23           | 22.15      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 21.91                     | 0.23           | 22.14      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 21.90                     | 0.23           | 22.13      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 21.89                     | 0.23           | 22.12      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.95                     | 0.23           | 22.18      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 21.82                     | 0.23           | 22.05      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 20.94                     | 0.23           | 21.17      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 20.99                     | 0.23           | 21.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 20.97                     | 0.23           | 21.20      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 20.91                     | 0.23           | 21.14      | 1.00          | 30.00           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 22.98                     | 0.23           | 23.21      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 23.35                     | 0.23           | 23.58      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 23.03                     | 0.23           | 23.26      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 22.10                     | 0.23           | 22.33      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 22.09                     | 0.23           | 22.32      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 22.08                     | 0.23           | 22.31      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 22.09                     | 0.23           | 22.32      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.94                     | 0.23           | 22.17      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 37        |            | 22.34                     | 0.23           | 22.57      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 74        |            | 22.01                     | 0.23           | 22.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 0         |            | 21.03                     | 0.23           | 21.26      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 18        |            | 21.01                     | 0.23           | 21.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 36      | 39        |            | 20.99                     | 0.23           | 21.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 75      | 0         |            | 21.06                     | 0.23           | 21.29      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 4 /20M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 20                                        | Lowest     | 1       | 0         | QPSK       | 22.99                     | 0.23           | 23.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 23.57                     | 0.23           | 23.80      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 22.79                     | 0.23           | 23.02      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 22.18                     | 0.23           | 22.41      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 22.23                     | 0.23           | 22.46      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 22.24                     | 0.23           | 22.47      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 22.22                     | 0.23           | 22.45      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.28                     | 0.23           | 22.51      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 22.59                     | 0.23           | 22.82      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 21.99                     | 0.23           | 22.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.23                     | 0.23           | 21.46      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 21.24                     | 0.23           | 21.47      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 21.31                     | 0.23           | 21.54      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 21.24                     | 0.23           | 21.47      | 1.00          | 30.00           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.00                     | 0.23           | 23.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 23.20                     | 0.23           | 23.43      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 22.85                     | 0.23           | 23.08      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.95                     | 0.23           | 22.18      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 21.94                     | 0.23           | 22.17      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 21.84                     | 0.23           | 22.07      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 21.87                     | 0.23           | 22.10      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.11                     | 0.23           | 22.34      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 22.13                     | 0.23           | 22.36      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 21.84                     | 0.23           | 22.07      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 20.89                     | 0.23           | 21.12      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 20.87                     | 0.23           | 21.10      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 20.80                     | 0.23           | 21.03      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 20.85                     | 0.23           | 21.08      | 1.00          | 30.00           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 22.73                     | 0.23           | 22.96      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 23.14                     | 0.23           | 23.37      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 22.81                     | 0.23           | 23.04      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 21.99                     | 0.23           | 22.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 22.00                     | 0.23           | 22.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 22.01                     | 0.23           | 22.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 22.00                     | 0.23           | 22.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.85                     | 0.23           | 22.08      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 49        |            | 22.25                     | 0.23           | 22.48      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 99        |            | 22.01                     | 0.23           | 22.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 0         |            | 20.98                     | 0.23           | 21.21      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 24        |            | 21.02                     | 0.23           | 21.25      | 1.00          | 30.00           | PASS    |
|                                           |            | 50      | 49        |            | 20.97                     | 0.23           | 21.20      | 1.00          | 30.00           | PASS    |
|                                           |            | 100     | 0         |            | 20.96                     | 0.23           | 21.19      | 1.00          | 30.00           | PASS    |



| Radiated Power (ERP) for LTE Band 5 /1.4M |            |         |           |            |                           |                |           |              |                |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 1.4                                       | Lowest     | 1       | 0         | QPSK       | 24.16                     | 0.15           | 22.16     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 24.36                     | 0.15           | 22.36     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 24.15                     | 0.15           | 22.15     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 24.15                     | 0.15           | 22.15     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 24.20                     | 0.15           | 22.20     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 24.16                     | 0.15           | 22.16     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 23.37                     | 0.15           | 21.37     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.10                     | 0.15           | 21.10     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 23.14                     | 0.15           | 21.14     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 23.04                     | 0.15           | 21.04     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 23.21                     | 0.15           | 21.21     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 23.36                     | 0.15           | 21.36     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 23.05                     | 0.15           | 21.05     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 22.17                     | 0.15           | 20.17     | 7.00         | 38.45          | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.84                     | 0.15           | 21.84     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 23.94                     | 0.15           | 21.94     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 23.79                     | 0.15           | 21.79     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 23.88                     | 0.15           | 21.88     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 23.91                     | 0.15           | 21.91     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 23.84                     | 0.15           | 21.84     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 23.01                     | 0.15           | 21.01     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 23.02                     | 0.15           | 21.02     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 23.03                     | 0.15           | 21.03     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 23.01                     | 0.15           | 21.01     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 21.98                     | 0.15           | 19.98     | 7.00         | 38.45          | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.83                     | 0.15           | 21.83     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 23.98                     | 0.15           | 21.98     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 23.87                     | 0.15           | 21.87     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 23.76                     | 0.15           | 21.76     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 23.75                     | 0.15           | 21.75     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 23.72                     | 0.15           | 21.72     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 22.82                     | 0.15           | 20.82     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.49                     | 0.15           | 20.49     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 2         |            | 22.65                     | 0.15           | 20.65     | 7.00         | 38.45          | PASS    |
|                                           |            | 1       | 5         |            | 22.46                     | 0.15           | 20.46     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 0         |            | 22.82                     | 0.15           | 20.82     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 1         |            | 22.82                     | 0.15           | 20.82     | 7.00         | 38.45          | PASS    |
|                                           |            | 3       | 2         |            | 22.84                     | 0.15           | 20.84     | 7.00         | 38.45          | PASS    |
|                                           |            | 6       | 0         |            | 21.89                     | 0.15           | 19.89     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 5 /3M |            |         |           |            |                           |                |           |              |                |         |
|-----------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 3                                       | Lowest     | 1       | 0         | QPSK       | 23.78                     | 0.15           | 21.78     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 24.03                     | 0.15           | 22.03     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 23.84                     | 0.15           | 21.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 22.79                     | 0.15           | 20.79     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 22.84                     | 0.15           | 20.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 22.86                     | 0.15           | 20.86     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 22.74                     | 0.15           | 20.74     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 23.09                     | 0.15           | 21.09     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 23.41                     | 0.15           | 21.41     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 23.14                     | 0.15           | 21.14     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 21.79                     | 0.15           | 19.79     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 21.78                     | 0.15           | 19.78     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 21.79                     | 0.15           | 19.79     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 21.72                     | 0.15           | 19.72     | 7.00         | 38.45          | PASS    |
|                                         | Middle     | 1       | 0         | QPSK       | 23.89                     | 0.15           | 21.89     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 24.18                     | 0.15           | 22.18     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 23.87                     | 0.15           | 21.87     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 22.90                     | 0.15           | 20.90     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 22.93                     | 0.15           | 20.93     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 22.89                     | 0.15           | 20.89     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 22.84                     | 0.15           | 20.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 22.98                     | 0.15           | 20.98     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 23.29                     | 0.15           | 21.29     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 22.97                     | 0.15           | 20.97     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 21.82                     | 0.15           | 19.82     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 21.85                     | 0.15           | 19.85     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 21.81                     | 0.15           | 19.81     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 21.73                     | 0.15           | 19.73     | 7.00         | 38.45          | PASS    |
|                                         | Highest    | 1       | 0         | QPSK       | 23.93                     | 0.15           | 21.93     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 24.29                     | 0.15           | 22.29     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 23.95                     | 0.15           | 21.95     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 22.85                     | 0.15           | 20.85     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 22.85                     | 0.15           | 20.85     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 22.80                     | 0.15           | 20.80     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 22.77                     | 0.15           | 20.77     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 22.61                     | 0.15           | 20.61     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 7         |            | 22.76                     | 0.15           | 20.76     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 14        |            | 22.52                     | 0.15           | 20.52     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 0         |            | 21.73                     | 0.15           | 19.73     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 4         |            | 21.76                     | 0.15           | 19.76     | 7.00         | 38.45          | PASS    |
|                                         |            | 8       | 7         |            | 21.72                     | 0.15           | 19.72     | 7.00         | 38.45          | PASS    |
|                                         |            | 15      | 0         |            | 21.76                     | 0.15           | 19.76     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 5 /5M |            |         |           |            |                           |                |           |              |                |         |
|-----------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                       | Lowest     | 1       | 0         | QPSK       | 23.71                     | 0.15           | 21.71     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 24.11                     | 0.15           | 22.11     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 23.81                     | 0.15           | 21.81     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 22.77                     | 0.15           | 20.77     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 22.84                     | 0.15           | 20.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 22.85                     | 0.15           | 20.85     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 22.85                     | 0.15           | 20.85     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 23.13                     | 0.15           | 21.13     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 23.63                     | 0.15           | 21.63     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 23.22                     | 0.15           | 21.22     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 21.71                     | 0.15           | 19.71     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 21.83                     | 0.15           | 19.83     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 21.80                     | 0.15           | 19.80     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 21.74                     | 0.15           | 19.74     | 7.00         | 38.45          | PASS    |
|                                         | Middle     | 1       | 0         | QPSK       | 23.84                     | 0.15           | 21.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 24.31                     | 0.15           | 22.31     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 23.84                     | 0.15           | 21.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 22.83                     | 0.15           | 20.83     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 22.80                     | 0.15           | 20.80     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 22.86                     | 0.15           | 20.86     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 23.01                     | 0.15           | 21.01     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 23.40                     | 0.15           | 21.40     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 23.00                     | 0.15           | 21.00     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 21.78                     | 0.15           | 19.78     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 21.78                     | 0.15           | 19.78     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 21.73                     | 0.15           | 19.73     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 21.84                     | 0.15           | 19.84     | 7.00         | 38.45          | PASS    |
|                                         | Highest    | 1       | 0         | QPSK       | 23.75                     | 0.15           | 21.75     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 24.06                     | 0.15           | 22.06     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 23.67                     | 0.15           | 21.67     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 22.78                     | 0.15           | 20.78     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 22.86                     | 0.15           | 20.86     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 22.68                     | 0.15           | 20.68     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 22.79                     | 0.15           | 20.79     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 0         | 16QAM      | 22.96                     | 0.15           | 20.96     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 12        |            | 23.28                     | 0.15           | 21.28     | 7.00         | 38.45          | PASS    |
|                                         |            | 1       | 24        |            | 22.82                     | 0.15           | 20.82     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 0         |            | 21.86                     | 0.15           | 19.86     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 6         |            | 21.84                     | 0.15           | 19.84     | 7.00         | 38.45          | PASS    |
|                                         |            | 12      | 11        |            | 21.71                     | 0.15           | 19.71     | 7.00         | 38.45          | PASS    |
|                                         |            | 25      | 0         |            | 21.71                     | 0.15           | 19.71     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 5 /10M |            |         |           |            |                           |                |           |              |                |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 10                                       | Lowest     | 1       | 0         | QPSK       | 23.74                     | 0.15           | 21.74     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 23.98                     | 0.15           | 21.98     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 23.89                     | 0.15           | 21.89     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 22.88                     | 0.15           | 20.88     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 22.87                     | 0.15           | 20.87     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 22.95                     | 0.15           | 20.95     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.04                     | 0.15           | 21.04     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 23.28                     | 0.15           | 21.28     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 23.21                     | 0.15           | 21.21     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 21.85                     | 0.15           | 19.85     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 21.84                     | 0.15           | 19.84     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 21.92                     | 0.15           | 19.92     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 21.84                     | 0.15           | 19.84     | 7.00         | 38.45          | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.88                     | 0.15           | 21.88     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 24.04                     | 0.15           | 22.04     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 23.89                     | 0.15           | 21.89     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 22.90                     | 0.15           | 20.90     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 22.87                     | 0.15           | 20.87     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 22.90                     | 0.15           | 20.90     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 22.88                     | 0.15           | 20.88     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.94                     | 0.15           | 20.94     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 23.05                     | 0.15           | 21.05     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 22.93                     | 0.15           | 20.93     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 21.84                     | 0.15           | 19.84     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 21.83                     | 0.15           | 19.83     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 21.83                     | 0.15           | 19.83     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 21.83                     | 0.15           | 19.83     | 7.00         | 38.45          | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 24.02                     | 0.15           | 22.02     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 24.39                     | 0.15           | 22.39     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 23.89                     | 0.15           | 21.89     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 22.92                     | 0.15           | 20.92     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 22.86                     | 0.15           | 20.86     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 22.83                     | 0.15           | 20.83     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 22.84                     | 0.15           | 20.84     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.64                     | 0.15           | 20.64     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 24        |            | 22.69                     | 0.15           | 20.69     | 7.00         | 38.45          | PASS    |
|                                          |            | 1       | 49        |            | 22.52                     | 0.15           | 20.52     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 0         |            | 21.88                     | 0.15           | 19.88     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 12        |            | 21.81                     | 0.15           | 19.81     | 7.00         | 38.45          | PASS    |
|                                          |            | 25      | 24        |            | 21.77                     | 0.15           | 19.77     | 7.00         | 38.45          | PASS    |
|                                          |            | 50      | 0         |            | 21.81                     | 0.15           | 19.81     | 7.00         | 38.45          | PASS    |



| Radiated Power (EIRP) for LTE Band 7 /5M |            |         |           |            |                           |                |            |               |                 |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 23.15                     | 0.27           | 23.42      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.57                     | 0.27           | 23.84      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.26                     | 0.27           | 23.53      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.34                     | 0.27           | 22.61      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.27                     | 0.27           | 22.54      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.22                     | 0.27           | 22.49      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.21                     | 0.27           | 22.48      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.68                     | 0.27           | 22.95      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 22.92                     | 0.27           | 23.19      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 20.94                     | 0.27           | 21.21      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 20.94                     | 0.27           | 21.21      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.13                     | 0.27           | 21.40      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 20.90                     | 0.27           | 21.17      | 2.00          | 33.01           | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.18                     | 0.27           | 23.45      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.65                     | 0.27           | 23.92      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.19                     | 0.27           | 23.46      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.19                     | 0.27           | 22.46      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.30                     | 0.27           | 22.57      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.34                     | 0.27           | 22.61      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.29                     | 0.27           | 22.56      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 22.86                     | 0.27           | 23.13      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 22.50                     | 0.27           | 22.77      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 21.08                     | 0.27           | 21.35      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 21.24                     | 0.27           | 21.51      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.25                     | 0.27           | 21.52      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 21.25                     | 0.27           | 21.52      | 2.00          | 33.01           | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.36                     | 0.27           | 23.63      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.86                     | 0.27           | 24.13      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 23.42                     | 0.27           | 23.69      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 22.50                     | 0.27           | 22.77      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 22.53                     | 0.27           | 22.80      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 22.49                     | 0.27           | 22.76      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.62                     | 0.27           | 22.89      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 12        |            | 23.03                     | 0.27           | 23.30      | 2.00          | 33.01           | PASS    |
|                                          |            | 1       | 24        |            | 22.69                     | 0.27           | 22.96      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 0         |            | 21.46                     | 0.27           | 21.73      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 6         |            | 21.52                     | 0.27           | 21.79      | 2.00          | 33.01           | PASS    |
|                                          |            | 12      | 11        |            | 21.54                     | 0.27           | 21.81      | 2.00          | 33.01           | PASS    |
|                                          |            | 25      | 0         |            | 21.42                     | 0.27           | 21.69      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 7 /10M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 10                                        | Lowest     | 1       | 0         | QPSK       | 22.69                     | 0.27           | 22.96      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 22.94                     | 0.27           | 23.21      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.91                     | 0.27           | 23.18      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.72                     | 0.27           | 21.99      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.84                     | 0.27           | 22.11      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.91                     | 0.27           | 22.18      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.83                     | 0.27           | 22.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.09                     | 0.27           | 22.36      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 22.31                     | 0.27           | 22.58      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.21                     | 0.27           | 22.48      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 20.73                     | 0.27           | 21.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 20.81                     | 0.27           | 21.08      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 20.88                     | 0.27           | 21.15      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 20.80                     | 0.27           | 21.07      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.23                     | 0.27           | 23.50      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.36                     | 0.27           | 23.63      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.36                     | 0.27           | 23.63      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 22.27                     | 0.27           | 22.54      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 22.32                     | 0.27           | 22.59      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 22.43                     | 0.27           | 22.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.33                     | 0.27           | 22.60      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.25                     | 0.27           | 22.52      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 22.53                     | 0.27           | 22.80      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.49                     | 0.27           | 22.76      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.23                     | 0.27           | 21.50      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.29                     | 0.27           | 21.56      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.37                     | 0.27           | 21.64      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.31                     | 0.27           | 21.58      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.59                     | 0.27           | 23.86      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 23.70                     | 0.27           | 23.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.58                     | 0.27           | 23.85      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 22.51                     | 0.27           | 22.78      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 22.57                     | 0.27           | 22.84      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.53                     | 0.27           | 22.80      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.21                     | 0.27           | 22.48      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 22.47                     | 0.27           | 22.74      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.28                     | 0.27           | 22.55      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 21.45                     | 0.27           | 21.72      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 12        |            | 21.48                     | 0.27           | 21.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 24        |            | 21.55                     | 0.27           | 21.82      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.49                     | 0.27           | 21.76      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 7 /15M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 15                                        | Lowest     | 1       | 0         | QPSK       | 22.72                     | 0.27           | 22.99      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.22                     | 0.27           | 23.49      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.97                     | 0.27           | 23.24      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.82                     | 0.27           | 22.09      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.96                     | 0.27           | 22.23      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.00                     | 0.27           | 22.27      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.90                     | 0.27           | 22.17      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.75                     | 0.27           | 22.02      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 22.26                     | 0.27           | 22.53      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 21.89                     | 0.27           | 22.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 20.79                     | 0.27           | 21.06      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 20.89                     | 0.27           | 21.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 20.89                     | 0.27           | 21.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 20.88                     | 0.27           | 21.15      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.09                     | 0.27           | 23.36      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.51                     | 0.27           | 23.78      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 23.29                     | 0.27           | 23.56      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 22.25                     | 0.27           | 22.52      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 22.29                     | 0.27           | 22.56      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.43                     | 0.27           | 22.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 22.37                     | 0.27           | 22.64      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.41                     | 0.27           | 22.68      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 22.86                     | 0.27           | 23.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.64                     | 0.27           | 22.91      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.22                     | 0.27           | 21.49      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.33                     | 0.27           | 21.60      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 21.44                     | 0.27           | 21.71      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.29                     | 0.27           | 21.56      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.40                     | 0.27           | 23.67      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 23.73                     | 0.27           | 24.00      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 23.43                     | 0.27           | 23.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 22.63                     | 0.27           | 22.90      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 22.61                     | 0.27           | 22.88      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 22.58                     | 0.27           | 22.85      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 22.65                     | 0.27           | 22.92      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.44                     | 0.27           | 22.71      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 37        |            | 22.69                     | 0.27           | 22.96      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 74        |            | 22.57                     | 0.27           | 22.84      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 0         |            | 21.59                     | 0.27           | 21.86      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 18        |            | 21.57                     | 0.27           | 21.84      | 2.00          | 33.01           | PASS    |
|                                           |            | 36      | 39        |            | 21.62                     | 0.27           | 21.89      | 2.00          | 33.01           | PASS    |
|                                           |            | 75      | 0         |            | 21.53                     | 0.27           | 21.80      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 7 /20M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 20                                        | Lowest     | 1       | 0         | QPSK       | 22.52                     | 0.27           | 22.79      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.11                     | 0.27           | 23.38      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.80                     | 0.27           | 23.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.78                     | 0.27           | 22.05      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.86                     | 0.27           | 22.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.88                     | 0.27           | 22.15      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.80                     | 0.27           | 22.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.86                     | 0.27           | 22.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.22                     | 0.27           | 22.49      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 21.91                     | 0.27           | 22.18      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 20.78                     | 0.27           | 21.05      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 20.88                     | 0.27           | 21.15      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 20.83                     | 0.27           | 21.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 20.81                     | 0.27           | 21.08      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.00                     | 0.27           | 23.27      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.48                     | 0.27           | 23.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 23.26                     | 0.27           | 23.53      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.17                     | 0.27           | 22.44      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 22.29                     | 0.27           | 22.56      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 22.45                     | 0.27           | 22.72      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 22.32                     | 0.27           | 22.59      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.03                     | 0.27           | 22.30      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.61                     | 0.27           | 22.88      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.40                     | 0.27           | 22.67      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.13                     | 0.27           | 21.40      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.28                     | 0.27           | 21.55      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.42                     | 0.27           | 21.69      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.33                     | 0.27           | 21.60      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.29                     | 0.27           | 23.56      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 23.88                     | 0.27           | 24.15      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 23.28                     | 0.27           | 23.55      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 22.47                     | 0.27           | 22.74      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 22.50                     | 0.27           | 22.77      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 22.52                     | 0.27           | 22.79      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.39                     | 0.27           | 22.66      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 49        |            | 22.70                     | 0.27           | 22.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 99        |            | 22.48                     | 0.27           | 22.75      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 0         |            | 21.46                     | 0.27           | 21.73      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 24        |            | 21.46                     | 0.27           | 21.73      | 2.00          | 33.01           | PASS    |
|                                           |            | 50      | 49        |            | 21.47                     | 0.27           | 21.74      | 2.00          | 33.01           | PASS    |
|                                           |            | 100     | 0         |            | 21.45                     | 0.27           | 21.72      | 2.00          | 33.01           | PASS    |



| Radiated Power (ERP) for LTE Band 12 /1.4M |            |         |           |            |                           |                |           |              |                |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 1.4                                        | Lowest     | 1       | 0         | QPSK       | 23.71                     | 0.05           | 21.61     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 23.79                     | 0.05           | 21.69     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 23.69                     | 0.05           | 21.59     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 23.37                     | 0.05           | 21.27     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 23.46                     | 0.05           | 21.36     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 23.46                     | 0.05           | 21.36     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 22.61                     | 0.05           | 20.51     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.48                     | 0.05           | 20.38     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 22.60                     | 0.05           | 20.50     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 22.49                     | 0.05           | 20.39     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 22.50                     | 0.05           | 20.40     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 22.48                     | 0.05           | 20.38     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 21.64                     | 0.05           | 19.54     | 3.00         | 34.77          | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 23.55                     | 0.05           | 21.45     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 23.66                     | 0.05           | 21.56     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 23.56                     | 0.05           | 21.46     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 23.42                     | 0.05           | 21.32     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 23.45                     | 0.05           | 21.35     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 23.40                     | 0.05           | 21.30     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 22.67                     | 0.05           | 20.57     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 22.61                     | 0.05           | 20.51     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 22.48                     | 0.05           | 20.38     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 22.39                     | 0.05           | 20.29     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 22.41                     | 0.05           | 20.31     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 22.43                     | 0.05           | 20.33     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 21.59                     | 0.05           | 19.49     | 3.00         | 34.77          | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 23.38                     | 0.05           | 21.28     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 23.49                     | 0.05           | 21.39     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 23.25                     | 0.05           | 21.15     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 23.33                     | 0.05           | 21.23     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 23.34                     | 0.05           | 21.24     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 23.25                     | 0.05           | 21.15     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 22.69                     | 0.05           | 20.59     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.27                     | 0.05           | 20.17     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 2         |            | 22.41                     | 0.05           | 20.31     | 3.00         | 34.77          | PASS    |
|                                            |            | 1       | 5         |            | 22.30                     | 0.05           | 20.20     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 0         |            | 22.41                     | 0.05           | 20.31     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 1         |            | 22.46                     | 0.05           | 20.36     | 3.00         | 34.77          | PASS    |
|                                            |            | 3       | 2         |            | 22.42                     | 0.05           | 20.32     | 3.00         | 34.77          | PASS    |
|                                            |            | 6       | 0         |            | 21.62                     | 0.05           | 19.52     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 12 /3M |            |         |           |            |                           |                |           |              |                |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 3                                        | Lowest     | 1       | 0         | QPSK       | 23.61                     | 0.05           | 21.51     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 23.98                     | 0.05           | 21.88     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 23.58                     | 0.05           | 21.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 22.58                     | 0.05           | 20.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 22.50                     | 0.05           | 20.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.74                     | 0.05           | 20.64     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 23.05                     | 0.05           | 20.95     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 22.72                     | 0.05           | 20.62     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 21.50                     | 0.05           | 19.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 21.54                     | 0.05           | 19.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 21.50                     | 0.05           | 19.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 21.50                     | 0.05           | 19.40     | 3.00         | 34.77          | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.60                     | 0.05           | 21.50     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 23.80                     | 0.05           | 21.70     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 23.56                     | 0.05           | 21.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 22.59                     | 0.05           | 20.49     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 22.59                     | 0.05           | 20.49     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 22.45                     | 0.05           | 20.35     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 22.76                     | 0.05           | 20.66     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 22.50                     | 0.05           | 20.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 21.46                     | 0.05           | 19.36     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 21.47                     | 0.05           | 19.37     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 21.45                     | 0.05           | 19.35     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 21.41                     | 0.05           | 19.31     | 3.00         | 34.77          | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.65                     | 0.05           | 21.55     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 23.57                     | 0.05           | 21.47     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 23.23                     | 0.05           | 21.13     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 22.60                     | 0.05           | 20.50     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 22.63                     | 0.05           | 20.53     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 22.56                     | 0.05           | 20.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 22.48                     | 0.05           | 20.38     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.31                     | 0.05           | 20.21     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 7         |            | 22.53                     | 0.05           | 20.43     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 14        |            | 22.34                     | 0.05           | 20.24     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 0         |            | 21.40                     | 0.05           | 19.30     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 4         |            | 21.34                     | 0.05           | 19.24     | 3.00         | 34.77          | PASS    |
|                                          |            | 8       | 7         |            | 21.37                     | 0.05           | 19.27     | 3.00         | 34.77          | PASS    |
|                                          |            | 15      | 0         |            | 21.38                     | 0.05           | 19.28     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 12 /5M |            |         |           |            |                           |                |           |              |                |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 23.56                     | 0.05           | 21.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.84                     | 0.05           | 21.74     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.56                     | 0.05           | 21.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.51                     | 0.05           | 20.41     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.50                     | 0.05           | 20.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.55                     | 0.05           | 20.45     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.69                     | 0.05           | 20.59     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.11                     | 0.05           | 21.01     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 22.75                     | 0.05           | 20.65     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.48                     | 0.05           | 19.38     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.52                     | 0.05           | 19.42     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.49                     | 0.05           | 19.39     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.50                     | 0.05           | 19.40     | 3.00         | 34.77          | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.54                     | 0.05           | 21.44     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.80                     | 0.05           | 21.70     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.58                     | 0.05           | 21.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.45                     | 0.05           | 20.35     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.48                     | 0.05           | 20.38     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.51                     | 0.05           | 20.41     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.56                     | 0.05           | 20.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.61                     | 0.05           | 20.51     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 22.86                     | 0.05           | 20.76     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 22.50                     | 0.05           | 20.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.47                     | 0.05           | 19.37     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.48                     | 0.05           | 19.38     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.43                     | 0.05           | 19.33     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.51                     | 0.05           | 19.41     | 3.00         | 34.77          | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.43                     | 0.05           | 21.33     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.56                     | 0.05           | 21.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.07                     | 0.05           | 20.97     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.53                     | 0.05           | 20.43     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.46                     | 0.05           | 20.36     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.56                     | 0.05           | 20.46     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.43                     | 0.05           | 20.33     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 22.82                     | 0.05           | 20.72     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 22.58                     | 0.05           | 20.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.51                     | 0.05           | 19.41     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.55                     | 0.05           | 19.45     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.33                     | 0.05           | 19.23     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.54                     | 0.05           | 19.44     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 12 /10M |            |         |           |            |                           |                |           |              |                |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 10                                        | Lowest     | 1       | 0         | QPSK       | 23.58                     | 0.05           | 21.48     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.70                     | 0.05           | 21.60     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 23.60                     | 0.05           | 21.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.59                     | 0.05           | 20.49     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.60                     | 0.05           | 20.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.60                     | 0.05           | 20.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.56                     | 0.05           | 20.46     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.71                     | 0.05           | 20.61     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 22.88                     | 0.05           | 20.78     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 22.68                     | 0.05           | 20.58     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 21.58                     | 0.05           | 19.48     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 21.60                     | 0.05           | 19.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 21.60                     | 0.05           | 19.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 21.52                     | 0.05           | 19.42     | 3.00         | 34.77          | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.55                     | 0.05           | 21.45     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.65                     | 0.05           | 21.55     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 23.57                     | 0.05           | 21.47     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.55                     | 0.05           | 20.45     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.60                     | 0.05           | 20.50     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.54                     | 0.05           | 20.44     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 22.63                     | 0.05           | 20.53     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 22.42                     | 0.05           | 20.32     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 21.54                     | 0.05           | 19.44     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 21.55                     | 0.05           | 19.45     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 21.47                     | 0.05           | 19.37     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 21.50                     | 0.05           | 19.40     | 3.00         | 34.77          | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.64                     | 0.05           | 21.54     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 24.01                     | 0.05           | 21.91     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 23.14                     | 0.05           | 21.04     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.62                     | 0.05           | 20.52     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.59                     | 0.05           | 20.49     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.52                     | 0.05           | 20.42     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.59                     | 0.05           | 20.49     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.33                     | 0.05           | 20.23     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 22.30                     | 0.05           | 20.20     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 22.39                     | 0.05           | 20.29     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 21.61                     | 0.05           | 19.51     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 21.57                     | 0.05           | 19.47     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 21.49                     | 0.05           | 19.39     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 21.58                     | 0.05           | 19.48     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 13 /5M |            |         |           |            |                           |                |           |              |                |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 24.00                     | 0.12           | 21.97     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.26                     | 0.12           | 22.23     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.72                     | 0.12           | 21.69     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.82                     | 0.12           | 20.79     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.87                     | 0.12           | 20.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.84                     | 0.12           | 20.81     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.87                     | 0.12           | 20.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.97                     | 0.12           | 20.94     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.34                     | 0.12           | 21.31     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.21                     | 0.12           | 21.18     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.83                     | 0.12           | 19.80     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.89                     | 0.12           | 19.86     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.87                     | 0.12           | 19.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.82                     | 0.12           | 19.79     | 3.00         | 34.77          | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 23.91                     | 0.12           | 21.88     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.27                     | 0.12           | 22.24     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.82                     | 0.12           | 21.79     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.86                     | 0.12           | 20.83     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.93                     | 0.12           | 20.90     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.88                     | 0.12           | 20.85     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.93                     | 0.12           | 20.90     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 22.87                     | 0.12           | 20.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.51                     | 0.12           | 21.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.10                     | 0.12           | 21.07     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.82                     | 0.12           | 19.79     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.93                     | 0.12           | 19.90     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.90                     | 0.12           | 19.87     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.94                     | 0.12           | 19.91     | 3.00         | 34.77          | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 23.76                     | 0.12           | 21.73     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.05                     | 0.12           | 22.02     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.93                     | 0.12           | 21.90     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.84                     | 0.12           | 20.81     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.90                     | 0.12           | 20.87     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.88                     | 0.12           | 20.85     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.94                     | 0.12           | 20.91     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.11                     | 0.12           | 21.08     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.42                     | 0.12           | 21.39     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 22.80                     | 0.12           | 20.77     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 21.87                     | 0.12           | 19.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 21.96                     | 0.12           | 19.93     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.87                     | 0.12           | 19.84     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 21.85                     | 0.12           | 19.82     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 13 /10M |            |         |           |            |                           |                |           |              |                |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 10                                        | Middle     | 1       | 0         | QPSK       | 24.01                     | 0.12           | 21.98     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.93                     | 0.12           | 21.90     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 24.29                     | 0.12           | 22.26     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.95                     | 0.12           | 20.92     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.92                     | 0.12           | 20.89     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 23.05                     | 0.12           | 21.02     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.97                     | 0.12           | 20.94     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.72                     | 0.12           | 20.69     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.05                     | 0.12           | 21.02     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 22.72                     | 0.12           | 20.69     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 21.80                     | 0.12           | 19.77     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 21.67                     | 0.12           | 19.64     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 21.84                     | 0.12           | 19.81     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 21.83                     | 0.12           | 19.80     | 3.00         | 34.77          | PASS    |





| Radiated Power (ERP) for LTE Band 17 /5M |            |         |           |            |                           |                |           |              |                |         |
|------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                 | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                        | Lowest     | 1       | 0         | QPSK       | 24.20                     | 0.05           | 22.10     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.58                     | 0.05           | 22.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 24.23                     | 0.05           | 22.13     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 23.19                     | 0.05           | 21.09     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 23.21                     | 0.05           | 21.11     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 23.15                     | 0.05           | 21.05     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 23.14                     | 0.05           | 21.04     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.35                     | 0.05           | 21.25     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.57                     | 0.05           | 21.47     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.37                     | 0.05           | 21.27     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.07                     | 0.05           | 19.97     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.12                     | 0.05           | 20.02     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.12                     | 0.05           | 20.02     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.10                     | 0.05           | 20.00     | 3.00         | 34.77          | PASS    |
|                                          | Middle     | 1       | 0         | QPSK       | 24.24                     | 0.05           | 22.14     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.57                     | 0.05           | 22.47     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 24.27                     | 0.05           | 22.17     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 23.14                     | 0.05           | 21.04     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 23.16                     | 0.05           | 21.06     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 23.16                     | 0.05           | 21.06     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 23.19                     | 0.05           | 21.09     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.40                     | 0.05           | 21.30     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.70                     | 0.05           | 21.60     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.28                     | 0.05           | 21.18     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.15                     | 0.05           | 20.05     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.22                     | 0.05           | 20.12     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 22.21                     | 0.05           | 20.11     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.16                     | 0.05           | 20.06     | 3.00         | 34.77          | PASS    |
|                                          | Highest    | 1       | 0         | QPSK       | 24.35                     | 0.05           | 22.25     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 24.50                     | 0.05           | 22.40     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 24.00                     | 0.05           | 21.90     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 23.21                     | 0.05           | 21.11     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 23.19                     | 0.05           | 21.09     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 23.11                     | 0.05           | 21.01     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 23.20                     | 0.05           | 21.10     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 0         | 16QAM      | 23.15                     | 0.05           | 21.05     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 12        |            | 23.58                     | 0.05           | 21.48     | 3.00         | 34.77          | PASS    |
|                                          |            | 1       | 24        |            | 23.20                     | 0.05           | 21.10     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 0         |            | 22.20                     | 0.05           | 20.10     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 6         |            | 22.20                     | 0.05           | 20.10     | 3.00         | 34.77          | PASS    |
|                                          |            | 12      | 11        |            | 21.97                     | 0.05           | 19.87     | 3.00         | 34.77          | PASS    |
|                                          |            | 25      | 0         |            | 22.28                     | 0.05           | 20.18     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 17 /10M |            |         |           |            |                           |                |           |              |                |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 10                                        | Lowest     | 1       | 0         | QPSK       | 24.40                     | 0.05           | 22.30     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 24.62                     | 0.05           | 22.52     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 24.45                     | 0.05           | 22.35     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 23.26                     | 0.05           | 21.16     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 23.26                     | 0.05           | 21.16     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 23.15                     | 0.05           | 21.05     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 23.21                     | 0.05           | 21.11     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.05                     | 0.05           | 20.95     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.11                     | 0.05           | 21.01     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 22.97                     | 0.05           | 20.87     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.31                     | 0.05           | 20.21     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.28                     | 0.05           | 20.18     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.19                     | 0.05           | 20.09     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.21                     | 0.05           | 20.11     | 3.00         | 34.77          | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 24.29                     | 0.05           | 22.19     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 24.45                     | 0.05           | 22.35     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 24.26                     | 0.05           | 22.16     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 23.22                     | 0.05           | 21.12     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 23.27                     | 0.05           | 21.17     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 23.19                     | 0.05           | 21.09     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 23.23                     | 0.05           | 21.13     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.42                     | 0.05           | 21.32     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.47                     | 0.05           | 21.37     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 23.38                     | 0.05           | 21.28     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.30                     | 0.05           | 20.20     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.31                     | 0.05           | 20.21     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.20                     | 0.05           | 20.10     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.22                     | 0.05           | 20.12     | 3.00         | 34.77          | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 24.27                     | 0.05           | 22.17     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 24.44                     | 0.05           | 22.34     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 24.08                     | 0.05           | 21.98     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 23.23                     | 0.05           | 21.13     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 23.22                     | 0.05           | 21.12     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 23.21                     | 0.05           | 21.11     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 23.17                     | 0.05           | 21.07     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.20                     | 0.05           | 21.10     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 24        |            | 23.16                     | 0.05           | 21.06     | 3.00         | 34.77          | PASS    |
|                                           |            | 1       | 49        |            | 23.21                     | 0.05           | 21.11     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 0         |            | 22.27                     | 0.05           | 20.17     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 12        |            | 22.28                     | 0.05           | 20.18     | 3.00         | 34.77          | PASS    |
|                                           |            | 25      | 24        |            | 22.21                     | 0.05           | 20.11     | 3.00         | 34.77          | PASS    |
|                                           |            | 50      | 0         |            | 22.27                     | 0.05           | 20.17     | 3.00         | 34.77          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 22) /1.4M |            |         |           |            |                           |                |           |              |                |         |
|-----------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                            | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 1.4                                                 | Lowest     | 1       | 0         | QPSK       | 23.69                     | 0.05           | 21.59     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 23.85                     | 0.05           | 21.75     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 23.68                     | 0.05           | 21.58     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 23.59                     | 0.05           | 21.49     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 23.59                     | 0.05           | 21.49     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 23.61                     | 0.05           | 21.51     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 22.66                     | 0.05           | 20.56     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 22.77                     | 0.05           | 20.67     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 22.65                     | 0.05           | 20.55     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 22.75                     | 0.05           | 20.65     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 22.76                     | 0.05           | 20.66     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 22.73                     | 0.05           | 20.63     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 21.74                     | 0.05           | 19.64     | 7.00         | 38.45          | PASS    |
|                                                     | Middle     | 1       | 0         | QPSK       | 23.60                     | 0.05           | 21.50     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 23.76                     | 0.05           | 21.66     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 23.58                     | 0.05           | 21.48     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 23.69                     | 0.05           | 21.59     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 23.68                     | 0.05           | 21.58     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 23.67                     | 0.05           | 21.57     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 22.69                     | 0.05           | 20.59     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 22.72                     | 0.05           | 20.62     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 22.78                     | 0.05           | 20.68     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 22.71                     | 0.05           | 20.61     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 22.82                     | 0.05           | 20.72     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 22.85                     | 0.05           | 20.75     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 22.82                     | 0.05           | 20.72     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 21.74                     | 0.05           | 19.64     | 7.00         | 38.45          | PASS    |
|                                                     | Highest    | 1       | 0         | QPSK       | 23.66                     | 0.05           | 21.56     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 23.84                     | 0.05           | 21.74     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 23.66                     | 0.05           | 21.56     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 23.61                     | 0.05           | 21.51     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 23.62                     | 0.05           | 21.52     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 23.58                     | 0.05           | 21.48     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 22.68                     | 0.05           | 20.58     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 22.33                     | 0.05           | 20.23     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 2         |            | 22.47                     | 0.05           | 20.37     | 7.00         | 38.45          | PASS    |
|                                                     |            | 1       | 5         |            | 22.31                     | 0.05           | 20.21     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 0         |            | 22.66                     | 0.05           | 20.56     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 1         |            | 22.66                     | 0.05           | 20.56     | 7.00         | 38.45          | PASS    |
|                                                     |            | 3       | 2         |            | 22.67                     | 0.05           | 20.57     | 7.00         | 38.45          | PASS    |
|                                                     |            | 6       | 0         |            | 21.75                     | 0.05           | 19.65     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 22) /3M |            |         |           |            |                           |                |           |              |                |         |
|---------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                          | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 3                                                 | Lowest     | 1       | 0         | QPSK       | 23.58                     | 0.05           | 21.48     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 23.90                     | 0.05           | 21.80     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 23.61                     | 0.05           | 21.51     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 22.60                     | 0.05           | 20.50     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 22.54                     | 0.05           | 20.44     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 22.92                     | 0.05           | 20.82     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 23.19                     | 0.05           | 21.09     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 22.92                     | 0.05           | 20.82     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 21.56                     | 0.05           | 19.46     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 21.58                     | 0.05           | 19.48     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 21.57                     | 0.05           | 19.47     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 21.51                     | 0.05           | 19.41     | 7.00         | 38.45          | PASS    |
|                                                   | Middle     | 1       | 0         | QPSK       | 23.78                     | 0.05           | 21.68     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 24.04                     | 0.05           | 21.94     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 23.78                     | 0.05           | 21.68     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 22.67                     | 0.05           | 20.57     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 22.68                     | 0.05           | 20.58     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 22.66                     | 0.05           | 20.56     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 22.48                     | 0.05           | 20.38     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 22.72                     | 0.05           | 20.62     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 22.44                     | 0.05           | 20.34     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 21.57                     | 0.05           | 19.47     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 21.59                     | 0.05           | 19.49     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 21.60                     | 0.05           | 19.50     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 21.66                     | 0.05           | 19.56     | 7.00         | 38.45          | PASS    |
|                                                   | Highest    | 1       | 0         | QPSK       | 23.63                     | 0.05           | 21.53     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 23.82                     | 0.05           | 21.72     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 23.63                     | 0.05           | 21.53     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 22.64                     | 0.05           | 20.54     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 22.62                     | 0.05           | 20.52     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 22.54                     | 0.05           | 20.44     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 22.89                     | 0.05           | 20.79     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 7         |            | 23.19                     | 0.05           | 21.09     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 14        |            | 22.83                     | 0.05           | 20.73     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 0         |            | 21.59                     | 0.05           | 19.49     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 4         |            | 21.60                     | 0.05           | 19.50     | 7.00         | 38.45          | PASS    |
|                                                   |            | 8       | 7         |            | 21.56                     | 0.05           | 19.46     | 7.00         | 38.45          | PASS    |
|                                                   |            | 15      | 0         |            | 21.52                     | 0.05           | 19.42     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 22) /5M |            |         |           |            |                           |                |           |              |                |         |
|---------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                          | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                                 | Lowest     | 1       | 0         | QPSK       | 24.17                     | 0.05           | 22.07     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 24.57                     | 0.05           | 22.47     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 24.25                     | 0.05           | 22.15     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 23.18                     | 0.05           | 21.08     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 23.22                     | 0.05           | 21.12     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 23.17                     | 0.05           | 21.07     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 23.16                     | 0.05           | 21.06     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.28                     | 0.05           | 21.18     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 23.55                     | 0.05           | 21.45     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 23.35                     | 0.05           | 21.25     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 22.09                     | 0.05           | 19.99     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 22.12                     | 0.05           | 20.02     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 22.10                     | 0.05           | 20.00     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 22.10                     | 0.05           | 20.00     | 7.00         | 38.45          | PASS    |
|                                                   | Middle     | 1       | 0         | QPSK       | 24.12                     | 0.05           | 22.02     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 24.37                     | 0.05           | 22.27     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 24.10                     | 0.05           | 22.00     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 23.20                     | 0.05           | 21.10     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 23.25                     | 0.05           | 21.15     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 23.19                     | 0.05           | 21.09     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 23.22                     | 0.05           | 21.12     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.34                     | 0.05           | 21.24     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 23.65                     | 0.05           | 21.55     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 23.30                     | 0.05           | 21.20     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 22.18                     | 0.05           | 20.08     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 22.24                     | 0.05           | 20.14     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 22.16                     | 0.05           | 20.06     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 22.13                     | 0.05           | 20.03     | 7.00         | 38.45          | PASS    |
|                                                   | Highest    | 1       | 0         | QPSK       | 24.18                     | 0.05           | 22.08     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 24.57                     | 0.05           | 22.47     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 24.09                     | 0.05           | 21.99     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 23.14                     | 0.05           | 21.04     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 23.16                     | 0.05           | 21.06     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 23.09                     | 0.05           | 20.99     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 23.14                     | 0.05           | 21.04     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.43                     | 0.05           | 21.33     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 12        |            | 23.77                     | 0.05           | 21.67     | 7.00         | 38.45          | PASS    |
|                                                   |            | 1       | 24        |            | 23.38                     | 0.05           | 21.28     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 0         |            | 22.06                     | 0.05           | 19.96     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 6         |            | 22.11                     | 0.05           | 20.01     | 7.00         | 38.45          | PASS    |
|                                                   |            | 12      | 11        |            | 22.03                     | 0.05           | 19.93     | 7.00         | 38.45          | PASS    |
|                                                   |            | 25      | 0         |            | 22.04                     | 0.05           | 19.94     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 22) /10M |            |         |           |            |                           |                |           |              |                |         |
|----------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                           | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 10                                                 | Lowest     | 1       | 0         | QPSK       | 24.14                     | 0.05           | 22.04     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.34                     | 0.05           | 22.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.25                     | 0.05           | 22.15     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.24                     | 0.05           | 21.14     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.21                     | 0.05           | 21.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.26                     | 0.05           | 21.16     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.23                     | 0.05           | 21.13     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 23.38                     | 0.05           | 21.28     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.56                     | 0.05           | 21.46     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 23.51                     | 0.05           | 21.41     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.19                     | 0.05           | 20.09     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.15                     | 0.05           | 20.05     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.21                     | 0.05           | 20.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.20                     | 0.05           | 20.10     | 7.00         | 38.45          | PASS    |
|                                                    | Middle     | 1       | 0         | QPSK       | 24.22                     | 0.05           | 22.12     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.34                     | 0.05           | 22.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.25                     | 0.05           | 22.15     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.21                     | 0.05           | 21.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.22                     | 0.05           | 21.12     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.20                     | 0.05           | 21.10     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.18                     | 0.05           | 21.08     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 23.21                     | 0.05           | 21.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.36                     | 0.05           | 21.26     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 23.23                     | 0.05           | 21.13     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.18                     | 0.05           | 20.08     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.16                     | 0.05           | 20.06     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.11                     | 0.05           | 20.01     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.19                     | 0.05           | 20.09     | 7.00         | 38.45          | PASS    |
|                                                    | Highest    | 1       | 0         | QPSK       | 24.33                     | 0.05           | 22.23     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.47                     | 0.05           | 22.37     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.30                     | 0.05           | 22.20     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.25                     | 0.05           | 21.15     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.16                     | 0.05           | 21.06     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.10                     | 0.05           | 21.00     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.16                     | 0.05           | 21.06     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 22.91                     | 0.05           | 20.81     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.02                     | 0.05           | 20.92     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 22.85                     | 0.05           | 20.75     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.18                     | 0.05           | 20.08     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.06                     | 0.05           | 19.96     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.05                     | 0.05           | 19.95     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.07                     | 0.05           | 19.97     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 22) /15M |            |         |           |            |                           |                |           |              |                |         |
|----------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                           | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 15                                                 | Lowest     | 1       | 0         | QPSK       | 24.05                     | 0.05           | 21.95     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.54                     | 0.05           | 22.44     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.17                     | 0.05           | 22.07     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.28                     | 0.05           | 21.18     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.33                     | 0.05           | 21.23     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.35                     | 0.05           | 21.25     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.34                     | 0.05           | 21.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 23.06                     | 0.05           | 20.96     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.46                     | 0.05           | 21.36     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 23.19                     | 0.05           | 21.09     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.14                     | 0.05           | 20.04     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.21                     | 0.05           | 20.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.21                     | 0.05           | 20.11     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.28                     | 0.05           | 20.18     | 7.00         | 38.45          | PASS    |
|                                                    | Middle     | 1       | 0         | QPSK       | 24.09                     | 0.05           | 21.99     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.43                     | 0.05           | 22.33     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.16                     | 0.05           | 22.06     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.31                     | 0.05           | 21.21     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.38                     | 0.05           | 21.28     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.33                     | 0.05           | 21.23     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.34                     | 0.05           | 21.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 23.34                     | 0.05           | 21.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.67                     | 0.05           | 21.57     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 23.37                     | 0.05           | 21.27     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.22                     | 0.05           | 20.12     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.28                     | 0.05           | 20.18     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.23                     | 0.05           | 20.13     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.20                     | 0.05           | 20.10     | 7.00         | 38.45          | PASS    |
|                                                    | Highest    | 1       | 0         | QPSK       | 24.16                     | 0.05           | 22.06     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 24.59                     | 0.05           | 22.49     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 24.09                     | 0.05           | 21.99     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 23.34                     | 0.05           | 21.24     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 23.39                     | 0.05           | 21.29     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 23.30                     | 0.05           | 21.20     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 23.35                     | 0.05           | 21.25     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 0         | 16QAM      | 23.18                     | 0.05           | 21.08     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 24        |            | 23.52                     | 0.05           | 21.42     | 7.00         | 38.45          | PASS    |
|                                                    |            | 1       | 49        |            | 23.06                     | 0.05           | 20.96     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 0         |            | 22.31                     | 0.05           | 20.21     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 12        |            | 22.27                     | 0.05           | 20.17     | 7.00         | 38.45          | PASS    |
|                                                    |            | 25      | 24        |            | 22.26                     | 0.05           | 20.16     | 7.00         | 38.45          | PASS    |
|                                                    |            | 50      | 0         |            | 22.22                     | 0.05           | 20.12     | 7.00         | 38.45          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 90) /1.4M |            |         |           |            |                           |                |           |              |                |         |
|-----------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                            | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 1.4                                                 | Lowest     | 1       | 0         | QPSK       | 24.14                     | 0.05           | 22.04     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 24.29                     | 0.05           | 22.19     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 24.11                     | 0.05           | 22.01     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 24.18                     | 0.05           | 22.08     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 24.22                     | 0.05           | 22.12     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 24.21                     | 0.05           | 22.11     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 23.17                     | 0.05           | 21.07     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 23.23                     | 0.05           | 21.13     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 23.37                     | 0.05           | 21.27     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 23.27                     | 0.05           | 21.17     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 23.38                     | 0.05           | 21.28     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 23.38                     | 0.05           | 21.28     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 23.37                     | 0.05           | 21.27     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 22.31                     | 0.05           | 20.21     | 100.00       | 50.00          | PASS    |
|                                                     | Middle     | 1       | 0         | QPSK       | 24.17                     | 0.05           | 22.07     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 24.35                     | 0.05           | 22.25     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 24.19                     | 0.05           | 22.09     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 24.12                     | 0.05           | 22.02     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 24.16                     | 0.05           | 22.06     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 24.10                     | 0.05           | 22.00     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 23.19                     | 0.05           | 21.09     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 22.86                     | 0.05           | 20.76     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 23.02                     | 0.05           | 20.92     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 22.84                     | 0.05           | 20.74     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 23.19                     | 0.05           | 21.09     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 23.23                     | 0.05           | 21.13     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 23.21                     | 0.05           | 21.11     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 22.26                     | 0.05           | 20.16     | 100.00       | 50.00          | PASS    |
|                                                     | Highest    | 1       | 0         | QPSK       | 24.24                     | 0.05           | 22.14     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 24.39                     | 0.05           | 22.29     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 24.21                     | 0.05           | 22.11     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 24.08                     | 0.05           | 21.98     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 24.14                     | 0.05           | 22.04     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 24.11                     | 0.05           | 22.01     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 23.22                     | 0.05           | 21.12     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 0         | 16QAM      | 23.14                     | 0.05           | 21.04     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 2         |            | 23.25                     | 0.05           | 21.15     | 100.00       | 50.00          | PASS    |
|                                                     |            | 1       | 5         |            | 23.14                     | 0.05           | 21.04     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 0         |            | 23.26                     | 0.05           | 21.16     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 1         |            | 23.27                     | 0.05           | 21.17     | 100.00       | 50.00          | PASS    |
|                                                     |            | 3       | 2         |            | 23.24                     | 0.05           | 21.14     | 100.00       | 50.00          | PASS    |
|                                                     |            | 6       | 0         |            | 22.25                     | 0.05           | 20.15     | 100.00       | 50.00          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 90) /3M |            |         |           |            |                           |                |           |              |                |         |
|---------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                          | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 3                                                 | Lowest     | 1       | 0         | QPSK       | 24.20                     | 0.05           | 22.10     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 24.43                     | 0.05           | 22.33     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 24.15                     | 0.05           | 22.05     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 23.15                     | 0.05           | 21.05     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 23.19                     | 0.05           | 21.09     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 23.21                     | 0.05           | 21.11     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.56                     | 0.05           | 21.46     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 23.69                     | 0.05           | 21.59     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 23.41                     | 0.05           | 21.31     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 22.10                     | 0.05           | 20.00     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 22.16                     | 0.05           | 20.06     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 22.12                     | 0.05           | 20.02     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 22.08                     | 0.05           | 19.98     | 100.00       | 50.00          | PASS    |
|                                                   | Middle     | 1       | 0         | QPSK       | 24.14                     | 0.05           | 22.04     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 24.36                     | 0.05           | 22.26     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 24.15                     | 0.05           | 22.05     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 23.14                     | 0.05           | 21.04     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 23.16                     | 0.05           | 21.06     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 23.15                     | 0.05           | 21.05     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.20                     | 0.05           | 21.10     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 23.48                     | 0.05           | 21.38     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 23.21                     | 0.05           | 21.11     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 22.06                     | 0.05           | 19.96     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 22.06                     | 0.05           | 19.96     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 22.03                     | 0.05           | 19.93     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 21.97                     | 0.05           | 19.87     | 100.00       | 50.00          | PASS    |
|                                                   | Highest    | 1       | 0         | QPSK       | 24.17                     | 0.05           | 22.07     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 24.49                     | 0.05           | 22.39     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 24.27                     | 0.05           | 22.17     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 23.13                     | 0.05           | 21.03     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 23.09                     | 0.05           | 20.99     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 22.91                     | 0.05           | 20.81     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 7         |            | 23.16                     | 0.05           | 21.06     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 14        |            | 22.90                     | 0.05           | 20.80     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 0         |            | 22.03                     | 0.05           | 19.93     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 4         |            | 22.02                     | 0.05           | 19.92     | 100.00       | 50.00          | PASS    |
|                                                   |            | 8       | 7         |            | 22.02                     | 0.05           | 19.92     | 100.00       | 50.00          | PASS    |
|                                                   |            | 15      | 0         |            | 22.06                     | 0.05           | 19.96     | 100.00       | 50.00          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 90) /5M |            |         |           |            |                           |                |           |              |                |         |
|---------------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|-----------|--------------|----------------|---------|
| BW (MHz)                                          | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | ERP (dBm) | ERP Limit(W) | ERP Limit(dBm) | Verdict |
| 5                                                 | Lowest     | 1       | 0         | QPSK       | 24.09                     | 0.05           | 21.99     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 24.54                     | 0.05           | 22.44     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 24.03                     | 0.05           | 21.93     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 23.21                     | 0.05           | 21.11     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 23.13                     | 0.05           | 21.03     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 23.16                     | 0.05           | 21.06     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.33                     | 0.05           | 21.23     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 23.63                     | 0.05           | 21.53     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 23.23                     | 0.05           | 21.13     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 22.08                     | 0.05           | 19.98     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 22.19                     | 0.05           | 20.09     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 22.12                     | 0.05           | 20.02     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 22.07                     | 0.05           | 19.97     | 100.00       | 50.00          | PASS    |
|                                                   | Middle     | 1       | 0         | QPSK       | 24.08                     | 0.05           | 21.98     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 24.34                     | 0.05           | 22.24     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 24.07                     | 0.05           | 21.97     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 23.09                     | 0.05           | 20.99     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 23.15                     | 0.05           | 21.05     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 23.07                     | 0.05           | 20.97     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 23.11                     | 0.05           | 21.01     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.45                     | 0.05           | 21.35     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 23.71                     | 0.05           | 21.61     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 23.48                     | 0.05           | 21.38     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 22.04                     | 0.05           | 19.94     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 22.08                     | 0.05           | 19.98     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 22.01                     | 0.05           | 19.91     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 21.99                     | 0.05           | 19.89     | 100.00       | 50.00          | PASS    |
|                                                   | Highest    | 1       | 0         | QPSK       | 24.10                     | 0.05           | 22.00     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 24.45                     | 0.05           | 22.35     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 24.12                     | 0.05           | 22.02     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 23.03                     | 0.05           | 20.93     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 23.12                     | 0.05           | 21.02     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 23.05                     | 0.05           | 20.95     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 23.10                     | 0.05           | 21.00     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 0         | 16QAM      | 23.23                     | 0.05           | 21.13     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 12        |            | 23.57                     | 0.05           | 21.47     | 100.00       | 50.00          | PASS    |
|                                                   |            | 1       | 24        |            | 23.28                     | 0.05           | 21.18     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 0         |            | 21.97                     | 0.05           | 19.87     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 6         |            | 22.06                     | 0.05           | 19.96     | 100.00       | 50.00          | PASS    |
|                                                   |            | 12      | 11        |            | 21.96                     | 0.05           | 19.86     | 100.00       | 50.00          | PASS    |
|                                                   |            | 25      | 0         |            | 22.08                     | 0.05           | 19.98     | 100.00       | 50.00          | PASS    |



| Radiated Power (ERP) for LTE Band 26(Part 90) /10M |               |            |              |            |                                 |                      |              |                 |                   |         |
|----------------------------------------------------|---------------|------------|--------------|------------|---------------------------------|----------------------|--------------|-----------------|-------------------|---------|
| BW<br>(MHz)                                        | UL<br>Channel | RB<br>Size | RB<br>offset | Modulation | Conduction<br>AVG<br>Power(dBm) | Ant<br>Gain<br>(dBi) | ERP<br>(dBm) | ERP<br>Limit(W) | ERP<br>Limit(dBm) | Verdict |
| 10                                                 | Middle        | 1          | 0            | QPSK       | 24.14                           | 0.05                 | 22.04        | 100.00          | 50.00             | PASS    |
|                                                    |               | 1          | 24           |            | 24.59                           | 0.05                 | 22.49        | 100.00          | 50.00             | PASS    |
|                                                    |               | 1          | 49           |            | 24.13                           | 0.05                 | 22.03        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 0            |            | 23.16                           | 0.05                 | 21.06        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 12           |            | 23.11                           | 0.05                 | 21.01        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 24           |            | 23.14                           | 0.05                 | 21.04        | 100.00          | 50.00             | PASS    |
|                                                    |               | 50         | 0            |            | 23.12                           | 0.05                 | 21.02        | 100.00          | 50.00             | PASS    |
|                                                    |               | 1          | 0            | 16QAM      | 23.47                           | 0.05                 | 21.37        | 100.00          | 50.00             | PASS    |
|                                                    |               | 1          | 24           |            | 23.50                           | 0.05                 | 21.40        | 100.00          | 50.00             | PASS    |
|                                                    |               | 1          | 49           |            | 23.41                           | 0.05                 | 21.31        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 0            |            | 22.10                           | 0.05                 | 20.00        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 12           |            | 22.08                           | 0.05                 | 19.98        | 100.00          | 50.00             | PASS    |
|                                                    |               | 25         | 24           |            | 22.09                           | 0.05                 | 19.99        | 100.00          | 50.00             | PASS    |
|                                                    |               | 50         | 0            |            | 22.08                           | 0.05                 | 19.98        | 100.00          | 50.00             | PASS    |





| Radiated Power (EIRP) for LTE Band 41 /5M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 5                                         | Lowest     | 1       | 0         | QPSK       | 21.74                     | 0.23           | 21.97      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 21.98                     | 0.23           | 22.21      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 21.69                     | 0.23           | 21.92      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 20.59                     | 0.23           | 20.82      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 20.65                     | 0.23           | 20.88      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 20.54                     | 0.23           | 20.77      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 20.58                     | 0.23           | 20.81      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 20.84                     | 0.23           | 21.07      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 20.94                     | 0.23           | 21.17      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 20.68                     | 0.23           | 20.91      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 19.44                     | 0.23           | 19.67      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 19.56                     | 0.23           | 19.79      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 19.47                     | 0.23           | 19.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 19.52                     | 0.23           | 19.75      | 2.00          | 33.01           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 21.56                     | 0.23           | 21.79      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 21.81                     | 0.23           | 22.04      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 21.48                     | 0.23           | 21.71      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 20.56                     | 0.23           | 20.79      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 20.53                     | 0.23           | 20.76      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 20.47                     | 0.23           | 20.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 20.50                     | 0.23           | 20.73      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 20.67                     | 0.23           | 20.90      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 20.91                     | 0.23           | 21.14      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 20.59                     | 0.23           | 20.82      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 19.46                     | 0.23           | 19.69      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 19.47                     | 0.23           | 19.70      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 19.45                     | 0.23           | 19.68      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 19.34                     | 0.23           | 19.57      | 2.00          | 33.01           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 20.89                     | 0.23           | 21.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 21.18                     | 0.23           | 21.41      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 20.93                     | 0.23           | 21.16      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 19.86                     | 0.23           | 20.09      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 19.91                     | 0.23           | 20.14      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 19.90                     | 0.23           | 20.13      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 19.89                     | 0.23           | 20.12      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 20.34                     | 0.23           | 20.57      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 12        |            | 20.57                     | 0.23           | 20.80      | 2.00          | 33.01           | PASS    |
|                                           |            | 1       | 24        |            | 20.31                     | 0.23           | 20.54      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 0         |            | 18.85                     | 0.23           | 19.08      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 6         |            | 18.87                     | 0.23           | 19.10      | 2.00          | 33.01           | PASS    |
|                                           |            | 12      | 11        |            | 18.82                     | 0.23           | 19.05      | 2.00          | 33.01           | PASS    |
|                                           |            | 25      | 0         |            | 18.83                     | 0.23           | 19.06      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 41 /10M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 10                                         | Lowest     | 1       | 0         | QPSK       | 21.79                     | 0.23           | 22.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 21.86                     | 0.23           | 22.09      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 21.72                     | 0.23           | 21.95      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 20.64                     | 0.23           | 20.87      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 20.65                     | 0.23           | 20.88      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 20.62                     | 0.23           | 20.85      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 20.60                     | 0.23           | 20.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.99                     | 0.23           | 21.22      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 21.06                     | 0.23           | 21.29      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.93                     | 0.23           | 21.16      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 19.56                     | 0.23           | 19.79      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 19.60                     | 0.23           | 19.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 19.54                     | 0.23           | 19.77      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.54                     | 0.23           | 19.77      | 2.00          | 33.01           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 21.75                     | 0.23           | 21.98      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 21.82                     | 0.23           | 22.05      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 21.62                     | 0.23           | 21.85      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 20.60                     | 0.23           | 20.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 20.52                     | 0.23           | 20.75      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 20.57                     | 0.23           | 20.80      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 20.53                     | 0.23           | 20.76      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.62                     | 0.23           | 20.85      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 20.71                     | 0.23           | 20.94      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.51                     | 0.23           | 20.74      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 19.47                     | 0.23           | 19.70      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 19.42                     | 0.23           | 19.65      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 19.47                     | 0.23           | 19.70      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.45                     | 0.23           | 19.68      | 2.00          | 33.01           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 21.02                     | 0.23           | 21.25      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 21.12                     | 0.23           | 21.35      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.97                     | 0.23           | 21.20      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 19.94                     | 0.23           | 20.17      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 19.91                     | 0.23           | 20.14      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 19.92                     | 0.23           | 20.15      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.92                     | 0.23           | 20.15      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 19.85                     | 0.23           | 20.08      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 24        |            | 19.92                     | 0.23           | 20.15      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 19.81                     | 0.23           | 20.04      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 0         |            | 18.90                     | 0.23           | 19.13      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 12        |            | 18.86                     | 0.23           | 19.09      | 2.00          | 33.01           | PASS    |
|                                            |            | 25      | 24        |            | 18.84                     | 0.23           | 19.07      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 18.89                     | 0.23           | 19.12      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 41 /15M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 15                                         | Lowest     | 1       | 0         | QPSK       | 21.73                     | 0.23           | 21.96      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 21.99                     | 0.23           | 22.22      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 21.64                     | 0.23           | 21.87      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 20.77                     | 0.23           | 21.00      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 20.79                     | 0.23           | 21.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 20.76                     | 0.23           | 20.99      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 20.79                     | 0.23           | 21.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.92                     | 0.23           | 21.15      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 21.18                     | 0.23           | 21.41      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 20.84                     | 0.23           | 21.07      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 19.72                     | 0.23           | 19.95      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 19.72                     | 0.23           | 19.95      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 19.69                     | 0.23           | 19.92      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 19.60                     | 0.23           | 19.83      | 2.00          | 33.01           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 21.70                     | 0.23           | 21.93      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 21.97                     | 0.23           | 22.20      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 21.52                     | 0.23           | 21.75      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 20.72                     | 0.23           | 20.95      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 20.70                     | 0.23           | 20.93      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 20.66                     | 0.23           | 20.89      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 20.68                     | 0.23           | 20.91      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.56                     | 0.23           | 20.79      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 20.83                     | 0.23           | 21.06      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 20.45                     | 0.23           | 20.68      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 19.69                     | 0.23           | 19.92      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 19.64                     | 0.23           | 19.87      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 19.60                     | 0.23           | 19.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 19.56                     | 0.23           | 19.79      | 2.00          | 33.01           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 21.16                     | 0.23           | 21.39      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 21.39                     | 0.23           | 21.62      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 21.03                     | 0.23           | 21.26      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 20.08                     | 0.23           | 20.31      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 20.01                     | 0.23           | 20.24      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 19.96                     | 0.23           | 20.19      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 20.06                     | 0.23           | 20.29      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.16                     | 0.23           | 20.39      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 37        |            | 20.35                     | 0.23           | 20.58      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 74        |            | 20.00                     | 0.23           | 20.23      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 0         |            | 18.98                     | 0.23           | 19.21      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 18        |            | 18.98                     | 0.23           | 19.21      | 2.00          | 33.01           | PASS    |
|                                            |            | 36      | 39        |            | 18.85                     | 0.23           | 19.08      | 2.00          | 33.01           | PASS    |
|                                            |            | 75      | 0         |            | 19.03                     | 0.23           | 19.26      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 41 /20M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 20                                         | Lowest     | 1       | 0         | QPSK       | 21.59                     | 0.23           | 21.82      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 22.05                     | 0.23           | 22.28      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 21.56                     | 0.23           | 21.79      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 20.61                     | 0.23           | 20.84      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 20.62                     | 0.23           | 20.85      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 20.61                     | 0.23           | 20.84      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 20.61                     | 0.23           | 20.84      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.57                     | 0.23           | 20.80      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.88                     | 0.23           | 21.11      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 20.51                     | 0.23           | 20.74      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.59                     | 0.23           | 19.82      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 19.60                     | 0.23           | 19.83      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 19.55                     | 0.23           | 19.78      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 19.54                     | 0.23           | 19.77      | 2.00          | 33.01           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 21.63                     | 0.23           | 21.86      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 21.91                     | 0.23           | 22.14      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 21.40                     | 0.23           | 21.63      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 20.56                     | 0.23           | 20.79      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 20.52                     | 0.23           | 20.75      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 20.50                     | 0.23           | 20.73      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 20.51                     | 0.23           | 20.74      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 20.46                     | 0.23           | 20.69      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.79                     | 0.23           | 21.02      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 20.33                     | 0.23           | 20.56      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.45                     | 0.23           | 19.68      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 19.41                     | 0.23           | 19.64      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 19.41                     | 0.23           | 19.64      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 19.44                     | 0.23           | 19.67      | 2.00          | 33.01           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 21.03                     | 0.23           | 21.26      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 21.26                     | 0.23           | 21.49      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 20.81                     | 0.23           | 21.04      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 20.02                     | 0.23           | 20.25      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 19.91                     | 0.23           | 20.14      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 19.87                     | 0.23           | 20.10      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 19.96                     | 0.23           | 20.19      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 19.96                     | 0.23           | 20.19      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 49        |            | 20.22                     | 0.23           | 20.45      | 2.00          | 33.01           | PASS    |
|                                            |            | 1       | 99        |            | 19.78                     | 0.23           | 20.01      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 0         |            | 19.02                     | 0.23           | 19.25      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 24        |            | 18.92                     | 0.23           | 19.15      | 2.00          | 33.01           | PASS    |
|                                            |            | 50      | 49        |            | 18.85                     | 0.23           | 19.08      | 2.00          | 33.01           | PASS    |
|                                            |            | 100     | 0         |            | 18.96                     | 0.23           | 19.19      | 2.00          | 33.01           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /1.4M |            |         |           |            |                           |                |            |               |                 |         |
|---------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                    | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 1.4                                         | Lowest     | 1       | 0         | QPSK       | 23.13                     | 0.26           | 23.39      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 23.27                     | 0.26           | 23.53      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 23.10                     | 0.26           | 23.36      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 23.20                     | 0.26           | 23.46      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 23.23                     | 0.26           | 23.49      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 23.20                     | 0.26           | 23.46      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 22.12                     | 0.26           | 22.38      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 0         | 16QAM      | 22.21                     | 0.26           | 22.47      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 22.36                     | 0.26           | 22.62      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 22.27                     | 0.26           | 22.53      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 22.37                     | 0.26           | 22.63      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 22.39                     | 0.26           | 22.65      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 22.41                     | 0.26           | 22.67      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 21.26                     | 0.26           | 21.52      | 1.00          | 30.00           | PASS    |
|                                             | Middle     | 1       | 0         | QPSK       | 22.98                     | 0.26           | 23.24      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 23.12                     | 0.26           | 23.38      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 22.97                     | 0.26           | 23.23      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 22.89                     | 0.26           | 23.15      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 22.93                     | 0.26           | 23.19      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 22.91                     | 0.26           | 23.17      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 21.95                     | 0.26           | 22.21      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 0         | 16QAM      | 21.59                     | 0.26           | 21.85      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 21.80                     | 0.26           | 22.06      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 21.60                     | 0.26           | 21.86      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 22.01                     | 0.26           | 22.27      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 22.00                     | 0.26           | 22.26      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 22.04                     | 0.26           | 22.30      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 21.05                     | 0.26           | 21.31      | 1.00          | 30.00           | PASS    |
|                                             | Highest    | 1       | 0         | QPSK       | 22.70                     | 0.26           | 22.96      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 22.83                     | 0.26           | 23.09      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 22.66                     | 0.26           | 22.92      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 22.71                     | 0.26           | 22.97      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 22.70                     | 0.26           | 22.96      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 22.64                     | 0.26           | 22.90      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 21.80                     | 0.26           | 22.06      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 0         | 16QAM      | 21.70                     | 0.26           | 21.96      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 2         |            | 21.84                     | 0.26           | 22.10      | 1.00          | 30.00           | PASS    |
|                                             |            | 1       | 5         |            | 21.72                     | 0.26           | 21.98      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 0         |            | 21.78                     | 0.26           | 22.04      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 1         |            | 21.79                     | 0.26           | 22.05      | 1.00          | 30.00           | PASS    |
|                                             |            | 3       | 2         |            | 21.76                     | 0.26           | 22.02      | 1.00          | 30.00           | PASS    |
|                                             |            | 6       | 0         |            | 20.78                     | 0.26           | 21.04      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /3M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 3                                         | Lowest     | 1       | 0         | QPSK       | 24.05                     | 0.26           | 24.31      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 24.05                     | 0.26           | 24.31      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 23.98                     | 0.26           | 24.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.93                     | 0.26           | 24.19      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.84                     | 0.26           | 24.10      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.83                     | 0.26           | 24.09      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.64                     | 0.26           | 23.90      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 24.11                     | 0.26           | 24.37      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 23.87                     | 0.26           | 24.13      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 23.90                     | 0.26           | 24.16      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.80                     | 0.26           | 24.06      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.67                     | 0.26           | 23.93      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.73                     | 0.26           | 23.99      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.50                     | 0.26           | 23.76      | 1.00          | 30.00           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 23.56                     | 0.26           | 23.82      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 24.12                     | 0.26           | 24.38      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 24.02                     | 0.26           | 24.28      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.85                     | 0.26           | 24.11      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.69                     | 0.26           | 23.95      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.56                     | 0.26           | 23.82      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.55                     | 0.26           | 23.81      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.97                     | 0.26           | 24.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 24.08                     | 0.26           | 24.34      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 23.89                     | 0.26           | 24.15      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.77                     | 0.26           | 24.03      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.51                     | 0.26           | 23.77      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.56                     | 0.26           | 23.82      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.54                     | 0.26           | 23.80      | 1.00          | 30.00           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 23.80                     | 0.26           | 24.06      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 23.98                     | 0.26           | 24.24      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 23.89                     | 0.26           | 24.15      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.76                     | 0.26           | 24.02      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.65                     | 0.26           | 23.91      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.58                     | 0.26           | 23.84      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.38                     | 0.26           | 23.64      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 23.97                     | 0.26           | 24.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 7         |            | 23.97                     | 0.26           | 24.23      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 14        |            | 23.71                     | 0.26           | 23.97      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 0         |            | 23.72                     | 0.26           | 23.98      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 4         |            | 23.57                     | 0.26           | 23.83      | 1.00          | 30.00           | PASS    |
|                                           |            | 8       | 7         |            | 23.49                     | 0.26           | 23.75      | 1.00          | 30.00           | PASS    |
|                                           |            | 15      | 0         |            | 23.25                     | 0.26           | 23.51      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /5M |            |         |           |            |                           |                |            |               |                 |         |
|-------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                  | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 5                                         | Lowest     | 1       | 0         | QPSK       | 23.06                     | 0.26           | 23.32      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 23.50                     | 0.26           | 23.76      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 23.14                     | 0.26           | 23.40      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 22.17                     | 0.26           | 22.43      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 22.27                     | 0.26           | 22.53      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 22.30                     | 0.26           | 22.56      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 22.27                     | 0.26           | 22.53      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.53                     | 0.26           | 22.79      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 22.96                     | 0.26           | 23.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.69                     | 0.26           | 22.95      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 21.20                     | 0.26           | 21.46      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 21.30                     | 0.26           | 21.56      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 21.28                     | 0.26           | 21.54      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.21                     | 0.26           | 21.47      | 1.00          | 30.00           | PASS    |
|                                           | Middle     | 1       | 0         | QPSK       | 22.84                     | 0.26           | 23.10      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 23.39                     | 0.26           | 23.65      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.92                     | 0.26           | 23.18      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 21.86                     | 0.26           | 22.12      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 21.92                     | 0.26           | 22.18      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 21.83                     | 0.26           | 22.09      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.88                     | 0.26           | 22.14      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 22.02                     | 0.26           | 22.28      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 22.53                     | 0.26           | 22.79      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.13                     | 0.26           | 22.39      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 20.81                     | 0.26           | 21.07      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 20.84                     | 0.26           | 21.10      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 20.82                     | 0.26           | 21.08      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 20.85                     | 0.26           | 21.11      | 1.00          | 30.00           | PASS    |
|                                           | Highest    | 1       | 0         | QPSK       | 22.59                     | 0.26           | 22.85      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 23.14                     | 0.26           | 23.40      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 22.67                     | 0.26           | 22.93      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 21.64                     | 0.26           | 21.90      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 21.67                     | 0.26           | 21.93      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 21.56                     | 0.26           | 21.82      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 21.60                     | 0.26           | 21.86      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 0         | 16QAM      | 21.92                     | 0.26           | 22.18      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 12        |            | 22.24                     | 0.26           | 22.50      | 1.00          | 30.00           | PASS    |
|                                           |            | 1       | 24        |            | 21.96                     | 0.26           | 22.22      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 0         |            | 20.58                     | 0.26           | 20.84      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 6         |            | 20.62                     | 0.26           | 20.88      | 1.00          | 30.00           | PASS    |
|                                           |            | 12      | 11        |            | 20.54                     | 0.26           | 20.80      | 1.00          | 30.00           | PASS    |
|                                           |            | 25      | 0         |            | 20.53                     | 0.26           | 20.79      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /10M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 10                                         | Lowest     | 1       | 0         | QPSK       | 23.16                     | 0.26           | 23.42      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 23.36                     | 0.26           | 23.62      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 23.21                     | 0.26           | 23.47      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 22.22                     | 0.26           | 22.48      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 22.30                     | 0.26           | 22.56      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 22.38                     | 0.26           | 22.64      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 22.37                     | 0.26           | 22.63      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.31                     | 0.26           | 22.57      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 22.48                     | 0.26           | 22.74      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.30                     | 0.26           | 22.56      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 21.21                     | 0.26           | 21.47      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 21.28                     | 0.26           | 21.54      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 21.32                     | 0.26           | 21.58      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.36                     | 0.26           | 21.62      | 1.00          | 30.00           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 23.01                     | 0.26           | 23.27      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 23.14                     | 0.26           | 23.40      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 23.07                     | 0.26           | 23.33      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 21.92                     | 0.26           | 22.18      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 21.93                     | 0.26           | 22.19      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 21.90                     | 0.26           | 22.16      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.90                     | 0.26           | 22.16      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 21.61                     | 0.26           | 21.87      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 21.79                     | 0.26           | 22.05      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 21.78                     | 0.26           | 22.04      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 20.88                     | 0.26           | 21.14      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 20.87                     | 0.26           | 21.13      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 20.91                     | 0.26           | 21.17      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 20.87                     | 0.26           | 21.13      | 1.00          | 30.00           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 22.69                     | 0.26           | 22.95      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 22.80                     | 0.26           | 23.06      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.73                     | 0.26           | 22.99      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 21.73                     | 0.26           | 21.99      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 21.64                     | 0.26           | 21.90      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 21.66                     | 0.26           | 21.92      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.70                     | 0.26           | 21.96      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.01                     | 0.26           | 22.27      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 24        |            | 22.03                     | 0.26           | 22.29      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 21.96                     | 0.26           | 22.22      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 0         |            | 20.71                     | 0.26           | 20.97      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 12        |            | 20.59                     | 0.26           | 20.85      | 1.00          | 30.00           | PASS    |
|                                            |            | 25      | 24        |            | 20.60                     | 0.26           | 20.86      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 20.65                     | 0.26           | 20.91      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /15M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 15                                         | Lowest     | 1       | 0         | QPSK       | 23.21                     | 0.26           | 23.47      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 23.64                     | 0.26           | 23.90      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 23.13                     | 0.26           | 23.39      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 22.26                     | 0.26           | 22.52      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 22.38                     | 0.26           | 22.64      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 22.36                     | 0.26           | 22.62      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 22.32                     | 0.26           | 22.58      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.18                     | 0.26           | 22.44      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 22.63                     | 0.26           | 22.89      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 22.08                     | 0.26           | 22.34      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 21.23                     | 0.26           | 21.49      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 21.24                     | 0.26           | 21.50      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 21.28                     | 0.26           | 21.54      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 21.36                     | 0.26           | 21.62      | 1.00          | 30.00           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 22.84                     | 0.26           | 23.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 23.23                     | 0.26           | 23.49      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 22.96                     | 0.26           | 23.22      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 22.04                     | 0.26           | 22.30      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 22.06                     | 0.26           | 22.32      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 22.06                     | 0.26           | 22.32      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 22.08                     | 0.26           | 22.34      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.04                     | 0.26           | 22.30      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 22.48                     | 0.26           | 22.74      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 22.27                     | 0.26           | 22.53      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 20.97                     | 0.26           | 21.23      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 21.07                     | 0.26           | 21.33      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 21.02                     | 0.26           | 21.28      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 20.98                     | 0.26           | 21.24      | 1.00          | 30.00           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 22.75                     | 0.26           | 23.01      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 22.99                     | 0.26           | 23.25      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 22.71                     | 0.26           | 22.97      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 21.80                     | 0.26           | 22.06      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 21.82                     | 0.26           | 22.08      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 21.81                     | 0.26           | 22.07      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 21.84                     | 0.26           | 22.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 21.85                     | 0.26           | 22.11      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 37        |            | 22.01                     | 0.26           | 22.27      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 74        |            | 21.67                     | 0.26           | 21.93      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 0         |            | 20.81                     | 0.26           | 21.07      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 18        |            | 20.84                     | 0.26           | 21.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 36      | 39        |            | 20.78                     | 0.26           | 21.04      | 1.00          | 30.00           | PASS    |
|                                            |            | 75      | 0         |            | 20.72                     | 0.26           | 20.98      | 1.00          | 30.00           | PASS    |



| Radiated Power (EIRP) for LTE Band 66 /20M |            |         |           |            |                           |                |            |               |                 |         |
|--------------------------------------------|------------|---------|-----------|------------|---------------------------|----------------|------------|---------------|-----------------|---------|
| BW (MHz)                                   | UL Channel | RB Size | RB offset | Modulation | Conduction AVG Power(dBm) | Ant Gain (dBi) | EIRP (dBm) | EIRP Limit(W) | EIRP Limit(dBm) | Verdict |
| 20                                         | Lowest     | 1       | 0         | QPSK       | 22.96                     | 0.26           | 23.22      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 24.32                     | 0.26           | 24.58      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 22.81                     | 0.26           | 23.07      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 22.18                     | 0.26           | 22.44      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 22.29                     | 0.26           | 22.55      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 22.28                     | 0.26           | 22.54      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 22.22                     | 0.26           | 22.48      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 22.16                     | 0.26           | 22.42      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.52                     | 0.26           | 22.78      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 21.90                     | 0.26           | 22.16      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.22                     | 0.26           | 21.48      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 21.29                     | 0.26           | 21.55      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 21.32                     | 0.26           | 21.58      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 21.26                     | 0.26           | 21.52      | 1.00          | 30.00           | PASS    |
|                                            | Middle     | 1       | 0         | QPSK       | 22.72                     | 0.26           | 22.98      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 23.21                     | 0.26           | 23.47      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 22.84                     | 0.26           | 23.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.98                     | 0.26           | 22.24      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 22.00                     | 0.26           | 22.26      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 21.99                     | 0.26           | 22.25      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 21.98                     | 0.26           | 22.24      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 21.84                     | 0.26           | 22.10      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.32                     | 0.26           | 22.58      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 22.08                     | 0.26           | 22.34      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 20.97                     | 0.26           | 21.23      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 21.01                     | 0.26           | 21.27      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 21.00                     | 0.26           | 21.26      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 20.99                     | 0.26           | 21.25      | 1.00          | 30.00           | PASS    |
|                                            | Highest    | 1       | 0         | QPSK       | 22.78                     | 0.26           | 23.04      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.97                     | 0.26           | 23.23      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 22.67                     | 0.26           | 22.93      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 21.82                     | 0.26           | 22.08      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 21.78                     | 0.26           | 22.04      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 21.62                     | 0.26           | 21.88      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 21.74                     | 0.26           | 22.00      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 0         | 16QAM      | 21.97                     | 0.26           | 22.23      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 49        |            | 22.04                     | 0.26           | 22.30      | 1.00          | 30.00           | PASS    |
|                                            |            | 1       | 99        |            | 21.59                     | 0.26           | 21.85      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 0         |            | 20.79                     | 0.26           | 21.05      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 24        |            | 20.71                     | 0.26           | 20.97      | 1.00          | 30.00           | PASS    |
|                                            |            | 50      | 49        |            | 20.59                     | 0.26           | 20.85      | 1.00          | 30.00           | PASS    |
|                                            |            | 100     | 0         |            | 20.71                     | 0.26           | 20.97      | 1.00          | 30.00           | PASS    |

## 5.2 PEAK TO AVERAGE RATIO

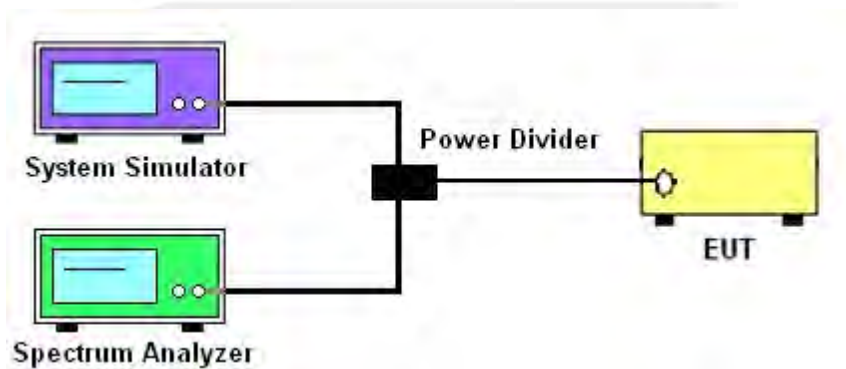
### TEST OVERVIEW

According to §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 db.

### TEST PROCEDURES

1. The testing follows FCC KDB 971168 v03r01 section.
2. The eut was connected to the peak and av system simulator& spectrum analyzer.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure average power of the spectrum analysis,

### TEST SETUP



### TEST RESULT

Note: The test data please reference to attachment “STS2302331W01\_Appendix GSM” , “STS2302331W01\_Appendix WCDMA” and “STS2302331W01\_Appendix LTE”.

### 5.3 OCCUPIED BANDWIDTH

#### TEST OVERVIEW

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

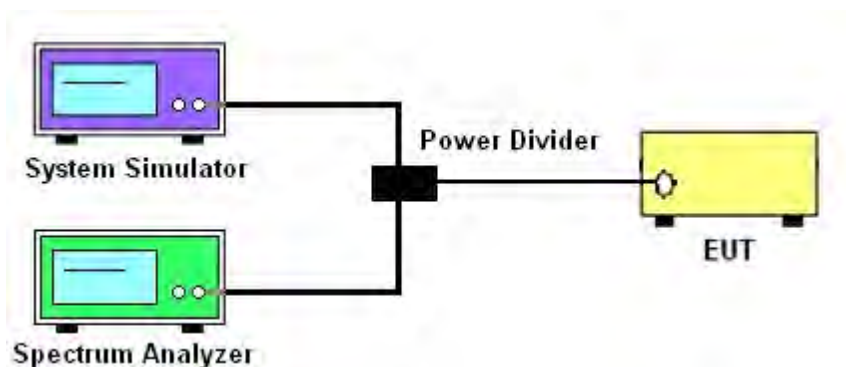
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

All modes of operation were investigated and the worst case configuration results are reported in this section.

#### TEST PROCEDURE

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5% of the expected OBW
3. VBW  $\geq 3 \times$  RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

#### TEST SETUP



#### TEST RESULT

Note: The test data please reference to attachment “STS2302331W01\_Appendix GSM” , “STS2302331W01\_Appendix WCDMA” and “STS2302331W01\_Appendix LTE”.

## 5.4 FREQUENCY STABILITY

### TEST OVERVIEW

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26 2015.

The frequency stability of the transmitter is measured by:

- a.) Temperature: The temperature is varied from  $-30^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$  in  $10^{\circ}\text{C}$  increments using an environmental chamber.
- b.) Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5$  ppm) of the center frequency. For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

### TEST PROCEDURE

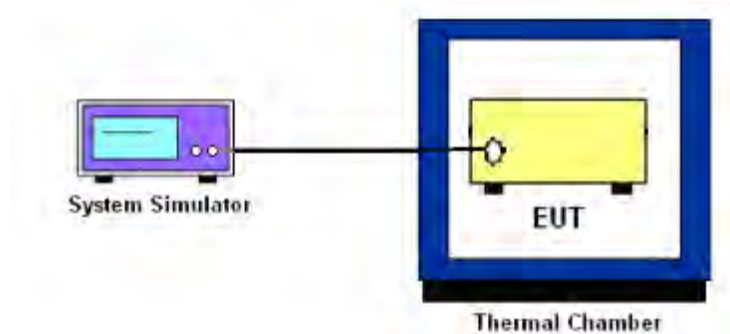
#### Temperature Variation

1. The testing follows FCC KDB 971168 D01 section 9.0
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to  $-30^{\circ}\text{C}$  and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in  $10^{\circ}\text{C}$  steps up to  $50^{\circ}\text{C}$ . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### Voltage Variation

1. The testing follows FCC KDB 971168 D01 Section 9.0.
2. The EUT was placed in a temperature chamber at  $25 \pm 5^{\circ}\text{C}$  and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

### TEST SETUP



TEST RESULT

| GPRS 850 /836.6MHz |                 |            |            |        |        |
|--------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)   | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                    | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                 | Normal Voltage  | 27.85      | 0.033      | 2.5ppm | PASS   |
| 40                 |                 | 19.18      | 0.023      |        |        |
| 30                 |                 | 20.40      | 0.024      |        |        |
| 20                 |                 | 24.17      | 0.029      |        |        |
| 10                 |                 | 21.17      | 0.025      |        |        |
| 0                  |                 | 27.35      | 0.033      |        |        |
| -10                |                 | 29.58      | 0.035      |        |        |
| -20                |                 | 23.35      | 0.028      |        |        |
| -30                |                 | 16.98      | 0.020      |        |        |
| 20                 | Maximum Voltage | 15.72      | 0.019      |        |        |
| 20                 | BEP             | 34.46      | 0.041      |        |        |

| EGPRS 850 /836.6MHz |                 |            |            |        |        |
|---------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                  | Normal Voltage  | 25.38      | 0.030      | 2.5ppm | PASS   |
| 40                  |                 | 13.45      | 0.016      |        |        |
| 30                  |                 | 22.62      | 0.027      |        |        |
| 20                  |                 | 21.93      | 0.026      |        |        |
| 10                  |                 | 32.23      | 0.039      |        |        |
| 0                   |                 | 20.76      | 0.025      |        |        |
| -10                 |                 | 28.02      | 0.033      |        |        |
| -20                 |                 | 18.92      | 0.023      |        |        |
| -30                 |                 | 12.27      | 0.015      |        |        |
| 20                  | Maximum Voltage | 30.97      | 0.037      |        |        |
| 20                  | BEP             | 26.64      | 0.032      |        |        |



| GPRS 1900 / 1880MHz |                    |               |               |                           |        |
|---------------------|--------------------|---------------|---------------|---------------------------|--------|
| Temperature<br>(°C) | Voltage            | Freq.<br>Dev. | Freq.<br>Dev. | Limit                     | Result |
|                     | (Volt)             | (Hz)          | (ppm)         |                           |        |
| 50                  | Normal Voltage     | 34.29         | 0.018         | Within Authorized<br>Band | PASS   |
| 40                  |                    | 34.24         | 0.018         |                           |        |
| 30                  |                    | 32.32         | 0.017         |                           |        |
| 20                  |                    | 22.07         | 0.012         |                           |        |
| 10                  |                    | 24.19         | 0.013         |                           |        |
| 0                   |                    | 14.88         | 0.008         |                           |        |
| -10                 |                    | 35.62         | 0.019         |                           |        |
| -20                 |                    | 12.67         | 0.007         |                           |        |
| -30                 |                    | 16.21         | 0.009         |                           |        |
| 20                  | Maximum<br>Voltage | 15.91         | 0.008         |                           |        |
| 20                  | BEP                | 29.38         | 0.016         |                           |        |

| EGPRS 1900 / 1880MHz |                    |               |               |                           |        |
|----------------------|--------------------|---------------|---------------|---------------------------|--------|
| Temperature<br>(°C)  | Voltage            | Freq.<br>Dev. | Freq.<br>Dev. | Limit                     | Result |
|                      | (Volt)             | (Hz)          | (ppm)         |                           |        |
| 50                   | Normal Voltage     | 30.04         | 0.016         | Within Authorized<br>Band | PASS   |
| 40                   |                    | 21.12         | 0.011         |                           |        |
| 30                   |                    | 15.98         | 0.009         |                           |        |
| 20                   |                    | 27.94         | 0.015         |                           |        |
| 10                   |                    | 15.99         | 0.009         |                           |        |
| 0                    |                    | 26.45         | 0.014         |                           |        |
| -10                  |                    | 27.66         | 0.015         |                           |        |
| -20                  |                    | 28.39         | 0.015         |                           |        |
| -30                  |                    | 29.84         | 0.016         |                           |        |
| 20                   | Maximum<br>Voltage | 33.28         | 0.018         |                           |        |
| 20                   | BEP                | 31.91         | 0.017         |                           |        |



| UMTS Band 2 /1880MHz |                 |            |            |                        |        |
|----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)     | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                      | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                   | Normal Voltage  | 32.06      | 0.017      | Within Authorized Band | PASS   |
| 40                   |                 | 16.12      | 0.009      |                        |        |
| 30                   |                 | 29.70      | 0.016      |                        |        |
| 20                   |                 | 16.65      | 0.009      |                        |        |
| 10                   |                 | 33.01      | 0.018      |                        |        |
| 0                    |                 | 14.76      | 0.008      |                        |        |
| -10                  |                 | 14.18      | 0.008      |                        |        |
| -20                  |                 | 13.29      | 0.007      |                        |        |
| -30                  |                 | 30.04      | 0.016      |                        |        |
| 20                   | Maximum Voltage | 12.11      | 0.006      |                        |        |
| 20                   | BEP             | 15.69      | 0.008      |                        |        |

| HSDPA Band 2 /1880MHz |                 |            |            |                        |        |
|-----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)      | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                       | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                    | Normal Voltage  | 18.40      | 0.010      | Within Authorized Band | PASS   |
| 40                    |                 | 14.09      | 0.007      |                        |        |
| 30                    |                 | 22.54      | 0.012      |                        |        |
| 20                    |                 | 25.15      | 0.013      |                        |        |
| 10                    |                 | 26.15      | 0.014      |                        |        |
| 0                     |                 | 27.22      | 0.014      |                        |        |
| -10                   |                 | 35.44      | 0.019      |                        |        |
| -20                   |                 | 31.88      | 0.017      |                        |        |
| -30                   |                 | 26.80      | 0.014      |                        |        |
| 20                    | Maximum Voltage | 15.74      | 0.008      |                        |        |
| 20                    | BEP             | 34.35      | 0.018      |                        |        |

| HSUPA Band 2 /1880MHz |                 |            |            |                        |        |
|-----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)      | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                       | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                    | Normal Voltage  | 20.35      | 0.011      | Within Authorized Band | PASS   |
| 40                    |                 | 19.22      | 0.010      |                        |        |
| 30                    |                 | 16.10      | 0.009      |                        |        |
| 20                    |                 | 16.04      | 0.009      |                        |        |
| 10                    |                 | 31.95      | 0.017      |                        |        |
| 0                     |                 | 23.71      | 0.013      |                        |        |
| -10                   |                 | 35.07      | 0.019      |                        |        |
| -20                   |                 | 26.19      | 0.014      |                        |        |
| -30                   |                 | 25.52      | 0.014      |                        |        |
| 20                    | Maximum Voltage | 22.33      | 0.012      |                        |        |
| 20                    | BEP             | 17.46      | 0.009      |                        |        |



| UMTS Band 5 / 836.4MHz |                 |            |            |        |        |
|------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)       | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                        | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                     | Normal Voltage  | 34.37      | 0.041      | 2.5ppm | PASS   |
| 40                     |                 | 15.89      | 0.019      |        |        |
| 30                     |                 | 21.63      | 0.026      |        |        |
| 20                     |                 | 23.24      | 0.028      |        |        |
| 10                     |                 | 14.42      | 0.017      |        |        |
| 0                      |                 | 25.48      | 0.030      |        |        |
| -10                    |                 | 20.16      | 0.024      |        |        |
| -20                    |                 | 14.37      | 0.017      |        |        |
| -30                    |                 | 16.00      | 0.019      |        |        |
| 20                     | Maximum Voltage | 29.63      | 0.035      |        |        |
| 20                     | BEP             | 12.61      | 0.015      |        |        |

| HSDPA Band 5 / 836.4MHz |                 |            |            |        |        |
|-------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)        | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                         | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                      | Normal Voltage  | 35.38      | 0.042      | 2.5ppm | PASS   |
| 40                      |                 | 18.05      | 0.022      |        |        |
| 30                      |                 | 14.68      | 0.018      |        |        |
| 20                      |                 | 24.15      | 0.029      |        |        |
| 10                      |                 | 22.14      | 0.026      |        |        |
| 0                       |                 | 24.50      | 0.029      |        |        |
| -10                     |                 | 36.07      | 0.043      |        |        |
| -20                     |                 | 35.36      | 0.042      |        |        |
| -30                     |                 | 28.42      | 0.034      |        |        |
| 20                      | Maximum Voltage | 27.69      | 0.033      |        |        |
| 20                      | BEP             | 12.65      | 0.015      |        |        |

| HSUPA Band 5 / 836.4MHz |                 |            |            |        |        |
|-------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)        | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                         | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                      | Normal Voltage  | 19.15      | 0.023      | 2.5ppm | PASS   |
| 40                      |                 | 30.09      | 0.036      |        |        |
| 30                      |                 | 27.11      | 0.032      |        |        |
| 20                      |                 | 25.87      | 0.031      |        |        |
| 10                      |                 | 30.27      | 0.036      |        |        |
| 0                       |                 | 20.23      | 0.024      |        |        |
| -10                     |                 | 15.28      | 0.018      |        |        |
| -20                     |                 | 21.77      | 0.026      |        |        |
| -30                     |                 | 12.12      | 0.014      |        |        |
| 20                      | Maximum Voltage | 35.72      | 0.043      |        |        |
| 20                      | BEP             | 33.25      | 0.040      |        |        |



| UMTS Band 4 /1740MHz |                 |            |            |                        |        |
|----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)     | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                      | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                   | Normal Voltage  | 14.22      | 0.008      | Within Authorized Band | PASS   |
| 40                   |                 | 18.37      | 0.010      |                        |        |
| 30                   |                 | 23.52      | 0.013      |                        |        |
| 20                   |                 | 34.73      | 0.018      |                        |        |
| 10                   |                 | 31.74      | 0.017      |                        |        |
| 0                    |                 | 26.41      | 0.014      |                        |        |
| -10                  |                 | 11.60      | 0.006      |                        |        |
| -20                  |                 | 22.51      | 0.012      |                        |        |
| -30                  |                 | 35.60      | 0.019      |                        |        |
| 20                   | Maximum Voltage | 13.37      | 0.007      |                        |        |
| 20                   | BEP             | 31.49      | 0.017      |                        |        |

| HSDPA Band 4 /1740MHz |                 |            |            |                        |        |
|-----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)      | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                       | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                    | Normal Voltage  | 14.36      | 0.008      | Within Authorized Band | PASS   |
| 40                    |                 | 19.65      | 0.010      |                        |        |
| 30                    |                 | 29.56      | 0.016      |                        |        |
| 20                    |                 | 31.72      | 0.017      |                        |        |
| 10                    |                 | 26.60      | 0.014      |                        |        |
| 0                     |                 | 26.71      | 0.014      |                        |        |
| -10                   |                 | 31.43      | 0.017      |                        |        |
| -20                   |                 | 14.17      | 0.008      |                        |        |
| -30                   |                 | 14.54      | 0.008      |                        |        |
| 20                    | Maximum Voltage | 17.68      | 0.009      |                        |        |
| 20                    | BEP             | 31.35      | 0.017      |                        |        |

| HSUPA Band 4 /1740MHz |                 |            |            |                        |        |
|-----------------------|-----------------|------------|------------|------------------------|--------|
| Temperature (°C)      | Voltage         | Freq. Dev. | Freq. Dev. | Limit                  | Result |
|                       | (Volt)          | (Hz)       | (ppm)      |                        |        |
| 50                    | Normal Voltage  | 23.08      | 0.012      | Within Authorized Band | PASS   |
| 40                    |                 | 35.69      | 0.019      |                        |        |
| 30                    |                 | 12.38      | 0.007      |                        |        |
| 20                    |                 | 32.05      | 0.017      |                        |        |
| 10                    |                 | 20.70      | 0.011      |                        |        |
| 0                     |                 | 36.27      | 0.019      |                        |        |
| -10                   |                 | 13.44      | 0.007      |                        |        |
| -20                   |                 | 31.52      | 0.017      |                        |        |
| -30                   |                 | 17.24      | 0.009      |                        |        |
| 20                    | Maximum Voltage | 27.18      | 0.014      |                        |        |
| 20                    | BEP             | 14.43      | 0.008      |                        |        |



| LTE Band 2 (QPSK) / 1880MHz / BW10M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 26.15      | 0.014      | 2.5ppm | PASS   |
| 40                                  |                 | 12.80      | 0.007      |        |        |
| 30                                  |                 | 23.54      | 0.013      |        |        |
| 20                                  |                 | 34.82      | 0.019      |        |        |
| 10                                  |                 | 23.93      | 0.013      |        |        |
| 0                                   |                 | 17.71      | 0.009      |        |        |
| -10                                 |                 | 15.34      | 0.008      |        |        |
| -20                                 |                 | 29.13      | 0.015      |        |        |
| -30                                 |                 | 36.05      | 0.019      |        |        |
| 20                                  | Maximum Voltage | 28.62      | 0.015      |        |        |
| 20                                  | BEP             | 35.71      | 0.019      |        |        |

| LTE Band 2 (QPSK) / 1880MHz / BW20M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 32.08      | 0.017      | 2.5ppm | PASS   |
| 40                                  |                 | 25.31      | 0.013      |        |        |
| 30                                  |                 | 26.18      | 0.014      |        |        |
| 20                                  |                 | 11.56      | 0.006      |        |        |
| 10                                  |                 | 21.94      | 0.012      |        |        |
| 0                                   |                 | 30.34      | 0.016      |        |        |
| -10                                 |                 | 12.07      | 0.006      |        |        |
| -20                                 |                 | 18.36      | 0.010      |        |        |
| -30                                 |                 | 23.39      | 0.012      |        |        |
| 20                                  | Maximum Voltage | 15.62      | 0.008      |        |        |
| 20                                  | BEP             | 19.09      | 0.010      |        |        |



| LTE Band 4 (QPSK) / 1733MHz / BW10M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 34.63      | 0.020      | 2.5ppm | PASS   |
| 40                                  |                 | 30.50      | 0.018      |        |        |
| 30                                  |                 | 12.64      | 0.007      |        |        |
| 20                                  |                 | 17.43      | 0.010      |        |        |
| 10                                  |                 | 15.44      | 0.009      |        |        |
| 0                                   |                 | 28.17      | 0.016      |        |        |
| -10                                 |                 | 13.50      | 0.008      |        |        |
| -20                                 |                 | 22.23      | 0.013      |        |        |
| -30                                 |                 | 16.53      | 0.010      |        |        |
| 20                                  | Maximum Voltage | 28.94      | 0.017      |        |        |
| 20                                  | BEP             | 36.44      | 0.021      |        |        |

| LTE Band 4 (QPSK) / 1733MHz / BW20M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 18.63      | 0.011      | 2.5ppm | PASS   |
| 40                                  |                 | 27.20      | 0.016      |        |        |
| 30                                  |                 | 25.27      | 0.015      |        |        |
| 20                                  |                 | 32.99      | 0.019      |        |        |
| 10                                  |                 | 31.35      | 0.018      |        |        |
| 0                                   |                 | 25.13      | 0.015      |        |        |
| -10                                 |                 | 23.10      | 0.013      |        |        |
| -20                                 |                 | 32.89      | 0.019      |        |        |
| -30                                 |                 | 34.92      | 0.020      |        |        |
| 20                                  | Maximum Voltage | 30.11      | 0.017      |        |        |
| 20                                  | BEP             | 12.62      | 0.007      |        |        |



| LTE Band 5 (QPSK) / 836.5MHz / BW5M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 27.80      | 0.039      | 2.5ppm | PASS   |
| 40                                  |                 | 12.45      | 0.018      |        |        |
| 30                                  |                 | 31.95      | 0.045      |        |        |
| 20                                  |                 | 29.87      | 0.042      |        |        |
| 10                                  |                 | 27.51      | 0.039      |        |        |
| 0                                   |                 | 25.41      | 0.036      |        |        |
| -10                                 |                 | 22.87      | 0.003      |        |        |
| -20                                 |                 | 13.35      | 0.019      |        |        |
| -30                                 |                 | 27.40      | 0.039      |        |        |
| 20                                  | Maximum Voltage | 29.42      | 0.041      |        |        |
| 20                                  | BEP             | 25.74      | 0.036      |        |        |

| LTE Band 5 (QPSK) / 836.5MHz / BW10M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 12.91      | 0.018      | 2.5ppm | PASS   |
| 40                                   |                 | 30.78      | 0.043      |        |        |
| 30                                   |                 | 34.18      | 0.048      |        |        |
| 20                                   |                 | 21.83      | 0.031      |        |        |
| 10                                   |                 | 35.29      | 0.050      |        |        |
| 0                                    |                 | 20.40      | 0.029      |        |        |
| -10                                  |                 | 35.73      | 0.005      |        |        |
| -20                                  |                 | 30.78      | 0.043      |        |        |
| -30                                  |                 | 33.00      | 0.046      |        |        |
| 20                                   | Maximum Voltage | 31.50      | 0.044      |        |        |
| 20                                   | BEP             | 35.32      | 0.050      |        |        |



| LTE Band 7 (QPSK) / 2535MHz / BW10M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 22.94      | 0.009      | 2.5ppm | PASS   |
| 40                                  |                 | 15.70      | 0.006      |        |        |
| 30                                  |                 | 13.75      | 0.005      |        |        |
| 20                                  |                 | 23.81      | 0.009      |        |        |
| 10                                  |                 | 21.67      | 0.009      |        |        |
| 0                                   |                 | 34.63      | 0.014      |        |        |
| -10                                 |                 | 14.47      | 0.006      |        |        |
| -20                                 |                 | 32.36      | 0.013      |        |        |
| -30                                 |                 | 28.93      | 0.011      |        |        |
| 20                                  | Maximum Voltage | 14.00      | 0.006      |        |        |
| 20                                  | BEP             | 29.29      | 0.012      |        |        |

| LTE Band 7 (QPSK) / 2535MHz / BW20M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 12.50      | 0.005      | 2.5ppm | PASS   |
| 40                                  |                 | 28.67      | 0.011      |        |        |
| 30                                  |                 | 23.65      | 0.009      |        |        |
| 20                                  |                 | 32.24      | 0.013      |        |        |
| 10                                  |                 | 27.32      | 0.011      |        |        |
| 0                                   |                 | 24.95      | 0.010      |        |        |
| -10                                 |                 | 36.40      | 0.014      |        |        |
| -20                                 |                 | 23.67      | 0.009      |        |        |
| -30                                 |                 | 17.33      | 0.007      |        |        |
| 20                                  | Maximum Voltage | 23.15      | 0.009      |        |        |
| 20                                  | BEP             | 11.62      | 0.005      |        |        |



| LTE Band 12 (QPSK) / 707.5MHz / BW5M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 20.78      | 0.029      | 2.5ppm | PASS   |
| 40                                   |                 | 36.31      | 0.051      |        |        |
| 30                                   |                 | 32.80      | 0.046      |        |        |
| 20                                   |                 | 12.78      | 0.018      |        |        |
| 10                                   |                 | 28.66      | 0.040      |        |        |
| 0                                    |                 | 24.41      | 0.034      |        |        |
| -10                                  |                 | 26.16      | 0.004      |        |        |
| -20                                  |                 | 27.80      | 0.039      |        |        |
| -30                                  |                 | 30.91      | 0.044      |        |        |
| 20                                   | Maximum Voltage | 17.98      | 0.025      |        |        |
| 20                                   | BEP             | 16.90      | 0.024      |        |        |

| LTE Band 12 (QPSK) / 707.5MHz / BW10M |                 |            |            |        |        |
|---------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                      | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                       | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                    | Normal Voltage  | 35.68      | 0.050      | 2.5ppm | PASS   |
| 40                                    |                 | 29.91      | 0.042      |        |        |
| 30                                    |                 | 29.28      | 0.041      |        |        |
| 20                                    |                 | 18.18      | 0.026      |        |        |
| 10                                    |                 | 20.35      | 0.029      |        |        |
| 0                                     |                 | 14.12      | 0.020      |        |        |
| -10                                   |                 | 17.40      | 0.002      |        |        |
| -20                                   |                 | 17.92      | 0.025      |        |        |
| -30                                   |                 | 13.15      | 0.019      |        |        |
| 20                                    | Maximum Voltage | 11.55      | 0.016      |        |        |
| 20                                    | BEP             | 33.91      | 0.048      |        |        |



| LTE Band 13 (QPSK) / 782MHz / BW5M |                 |            |            |        |        |
|------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                   | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                    | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                 | Normal Voltage  | 23.05      | 0.032      | 2.5ppm | PASS   |
| 40                                 |                 | 12.18      | 0.017      |        |        |
| 30                                 |                 | 13.41      | 0.019      |        |        |
| 20                                 |                 | 28.59      | 0.040      |        |        |
| 10                                 |                 | 33.68      | 0.047      |        |        |
| 0                                  |                 | 31.77      | 0.045      |        |        |
| -10                                |                 | 17.28      | 0.002      |        |        |
| -20                                |                 | 22.45      | 0.032      |        |        |
| -30                                |                 | 36.37      | 0.051      |        |        |
| 20                                 | Maximum Voltage | 26.28      | 0.037      |        |        |
| 20                                 | BEP             | 30.30      | 0.043      |        |        |

| LTE Band 13 (QPSK) / 782MHz / BW10M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 15.15      | 0.021      | 2.5ppm | PASS   |
| 40                                  |                 | 12.73      | 0.018      |        |        |
| 30                                  |                 | 11.59      | 0.016      |        |        |
| 20                                  |                 | 19.34      | 0.027      |        |        |
| 10                                  |                 | 21.12      | 0.030      |        |        |
| 0                                   |                 | 33.98      | 0.048      |        |        |
| -10                                 |                 | 35.22      | 0.005      |        |        |
| -20                                 |                 | 26.26      | 0.037      |        |        |
| -30                                 |                 | 25.83      | 0.036      |        |        |
| 20                                  | Maximum Voltage | 13.13      | 0.018      |        |        |
| 20                                  | BEP             | 20.54      | 0.029      |        |        |



| LTE Band 17 (QPSK) / 710MHz / BW5M |                 |            |            |        |        |
|------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                   | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                    | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                 | Normal Voltage  | 23.05      | 0.032      | 2.5ppm | PASS   |
| 40                                 |                 | 21.23      | 0.030      |        |        |
| 30                                 |                 | 23.41      | 0.033      |        |        |
| 20                                 |                 | 32.08      | 0.045      |        |        |
| 10                                 |                 | 18.85      | 0.027      |        |        |
| 0                                  |                 | 27.50      | 0.039      |        |        |
| -10                                |                 | 19.57      | 0.003      |        |        |
| -20                                |                 | 30.11      | 0.042      |        |        |
| -30                                |                 | 31.61      | 0.045      |        |        |
| 20                                 | Maximum Voltage | 20.74      | 0.029      |        |        |
| 20                                 | BEP             | 15.16      | 0.021      |        |        |

| LTE Band 17 (QPSK) / 710MHz / BW10M |                 |            |            |        |        |
|-------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                    | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                     | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                  | Normal Voltage  | 26.55      | 0.037      | 2.5ppm | PASS   |
| 40                                  |                 | 16.70      | 0.024      |        |        |
| 30                                  |                 | 35.08      | 0.049      |        |        |
| 20                                  |                 | 36.34      | 0.051      |        |        |
| 10                                  |                 | 33.18      | 0.047      |        |        |
| 0                                   |                 | 25.27      | 0.036      |        |        |
| -10                                 |                 | 28.90      | 0.004      |        |        |
| -20                                 |                 | 18.90      | 0.027      |        |        |
| -30                                 |                 | 21.77      | 0.031      |        |        |
| 20                                  | Maximum Voltage | 20.97      | 0.030      |        |        |
| 20                                  | BEP             | 30.94      | 0.044      |        |        |



| LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M |                 |            |            |        |        |
|------------------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                               | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                                | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                             | Normal Voltage  | 29.28      | 0.017      | 2.5ppm | PASS   |
| 40                                             |                 | 14.07      | 0.008      |        |        |
| 30                                             |                 | 23.52      | 0.014      |        |        |
| 20                                             |                 | 33.29      | 0.019      |        |        |
| 10                                             |                 | 20.03      | 0.012      |        |        |
| 0                                              |                 | 30.47      | 0.018      |        |        |
| -10                                            |                 | 15.94      | 0.009      |        |        |
| -20                                            |                 | 34.83      | 0.020      |        |        |
| -30                                            |                 | 23.74      | 0.014      |        |        |
| 20                                             | Maximum Voltage | 35.40      | 0.020      |        |        |
| 20                                             | BEP             | 20.66      | 0.012      |        |        |

| LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW20M |                 |            |            |        |        |
|------------------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                               | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                                | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                             | Normal Voltage  | 20.82      | 0.012      | 2.5ppm | PASS   |
| 40                                             |                 | 18.35      | 0.011      |        |        |
| 30                                             |                 | 36.10      | 0.021      |        |        |
| 20                                             |                 | 29.01      | 0.017      |        |        |
| 10                                             |                 | 18.13      | 0.010      |        |        |
| 0                                              |                 | 22.02      | 0.013      |        |        |
| -10                                            |                 | 30.19      | 0.017      |        |        |
| -20                                            |                 | 36.03      | 0.021      |        |        |
| -30                                            |                 | 24.75      | 0.014      |        |        |
| 20                                             | Maximum Voltage | 25.52      | 0.015      |        |        |
| 20                                             | BEP             | 22.23      | 0.013      |        |        |



| LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M |                 |            |            |        |        |
|---------------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                            | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                             | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                          | Normal Voltage  | 25.24      | 0.015      | 2.5ppm | PASS   |
| 40                                          |                 | 23.82      | 0.014      |        |        |
| 30                                          |                 | 27.03      | 0.016      |        |        |
| 20                                          |                 | 20.86      | 0.012      |        |        |
| 10                                          |                 | 19.38      | 0.011      |        |        |
| 0                                           |                 | 15.07      | 0.009      |        |        |
| -10                                         |                 | 29.09      | 0.017      |        |        |
| -20                                         |                 | 29.84      | 0.017      |        |        |
| -30                                         |                 | 32.48      | 0.019      |        |        |
| 20                                          | Maximum Voltage | 18.80      | 0.011      |        |        |
| 20                                          | BEP             | 29.90      | 0.017      |        |        |

| LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M |                 |            |            |        |        |
|----------------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                             | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                              | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                           | Normal Voltage  | 22.00      | 0.013      | 2.5ppm | PASS   |
| 40                                           |                 | 16.22      | 0.009      |        |        |
| 30                                           |                 | 11.93      | 0.007      |        |        |
| 20                                           |                 | 32.37      | 0.019      |        |        |
| 10                                           |                 | 11.93      | 0.007      |        |        |
| 0                                            |                 | 24.83      | 0.014      |        |        |
| -10                                          |                 | 19.99      | 0.012      |        |        |
| -20                                          |                 | 23.97      | 0.014      |        |        |
| -30                                          |                 | 32.52      | 0.019      |        |        |
| 20                                           | Maximum Voltage | 36.17      | 0.021      |        |        |
| 20                                           | BEP             | 14.03      | 0.008      |        |        |



| LTE Band 41 (QPSK) / 2605MHz / BW10M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 33.37      | 0.013      | 2.5ppm | PASS   |
| 40                                   |                 | 21.52      | 0.008      |        |        |
| 30                                   |                 | 18.64      | 0.007      |        |        |
| 20                                   |                 | 20.69      | 0.008      |        |        |
| 10                                   |                 | 18.72      | 0.007      |        |        |
| 0                                    |                 | 12.15      | 0.005      |        |        |
| -10                                  |                 | 35.30      | 0.014      |        |        |
| -20                                  |                 | 25.36      | 0.010      |        |        |
| -30                                  |                 | 11.53      | 0.005      |        |        |
| 20                                   | Maximum Voltage | 20.25      | 0.008      |        |        |
| 20                                   | BEP             | 25.89      | 0.010      |        |        |

| LTE Band 41 (QPSK) / 2605MHz / BW20M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 16.57      | 0.007      | 2.5ppm | PASS   |
| 40                                   |                 | 14.45      | 0.006      |        |        |
| 30                                   |                 | 13.85      | 0.005      |        |        |
| 20                                   |                 | 31.13      | 0.012      |        |        |
| 10                                   |                 | 14.55      | 0.006      |        |        |
| 0                                    |                 | 17.35      | 0.007      |        |        |
| -10                                  |                 | 14.56      | 0.006      |        |        |
| -20                                  |                 | 27.31      | 0.011      |        |        |
| -30                                  |                 | 25.12      | 0.010      |        |        |
| 20                                   | Maximum Voltage | 25.83      | 0.010      |        |        |
| 20                                   | BEP             | 21.85      | 0.009      |        |        |



| LTE Band 66 (QPSK) / 1745MHz / BW10M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 25.36      | 0.015      | 2.5ppm | PASS   |
| 40                                   |                 | 35.78      | 0.021      |        |        |
| 30                                   |                 | 24.97      | 0.014      |        |        |
| 20                                   |                 | 24.84      | 0.014      |        |        |
| 10                                   |                 | 20.83      | 0.012      |        |        |
| 0                                    |                 | 13.26      | 0.008      |        |        |
| -10                                  |                 | 12.29      | 0.007      |        |        |
| -20                                  |                 | 24.22      | 0.014      |        |        |
| -30                                  |                 | 18.58      | 0.011      |        |        |
| 20                                   | Maximum Voltage | 33.57      | 0.019      |        |        |
| 20                                   | BEP             | 28.00      | 0.016      |        |        |

| LTE Band 66 (QPSK) / 1745MHz / BW20M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature (°C)                     | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 21.15      | 0.012      | 2.5ppm | PASS   |
| 40                                   |                 | 33.24      | 0.019      |        |        |
| 30                                   |                 | 33.06      | 0.019      |        |        |
| 20                                   |                 | 15.02      | 0.009      |        |        |
| 10                                   |                 | 20.07      | 0.012      |        |        |
| 0                                    |                 | 15.91      | 0.009      |        |        |
| -10                                  |                 | 36.25      | 0.021      |        |        |
| -20                                  |                 | 23.87      | 0.014      |        |        |
| -30                                  |                 | 20.33      | 0.012      |        |        |
| 20                                   | Maximum Voltage | 30.85      | 0.018      |        |        |
| 20                                   | BEP             | 22.57      | 0.013      |        |        |

## 5.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

### TEST OVERVIEW

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For Band 7:

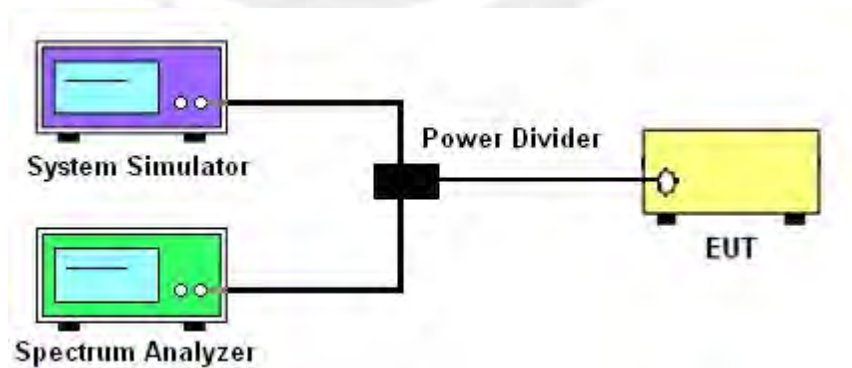
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $55 + 10 \log (P)$  dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

### TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0. and ANSI C63.26-2015-Section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)  
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$   
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$   
 $= -13\text{dBm}.$

### TEST SETUP



### TEST RESULT

Note: The test data please reference to attachment “STS2302331W01\_Appendix GSM”, “STS2302331W01\_Appendix WCDMA” and “STS2302331W01\_Appendix LTE”.



## 5.6 BAND EDGE

### TEST OVERVIEW

#### 1. §22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

#### 2. §24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed

#### 3. §27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

#### 4. §27.53(m)(4)

For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

#### 5. §27.53 (g)

For operations in the 698 -746 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

## TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26-2015-Section 5.7
2. Start and stop frequency were set such that the band edge would be placed in the center of the Plot.
3. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
4. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
5. The band edges of low and high channels for the highest RF powers were measured.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

7. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm}.$$

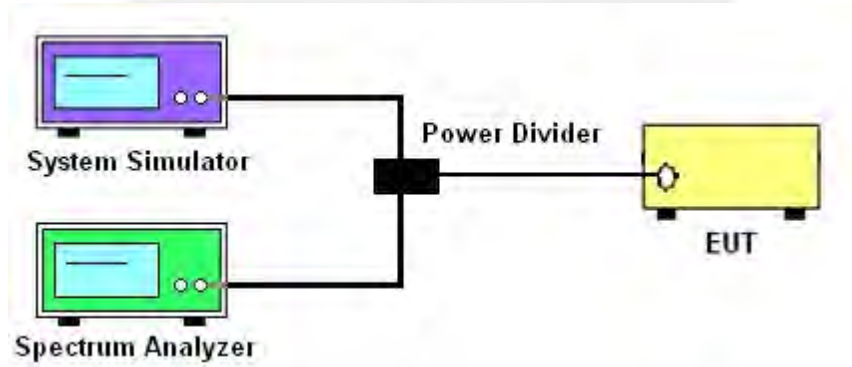
Band 7:

$$= P(W) - [55 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$$

$$= -25\text{dBm}.$$

## TEST SETUP



## TEST RESULT

Note: The test data please reference to attachment “STS2302331W01\_Appendix GSM” , “STS2302331W01\_Appendix WCDMA” and “STS2302331W01\_Appendix LTE”.



## 5.7 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

### TEST OVERVIEW

Radiated spurious emissions measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power and at the appropriate frequencies.

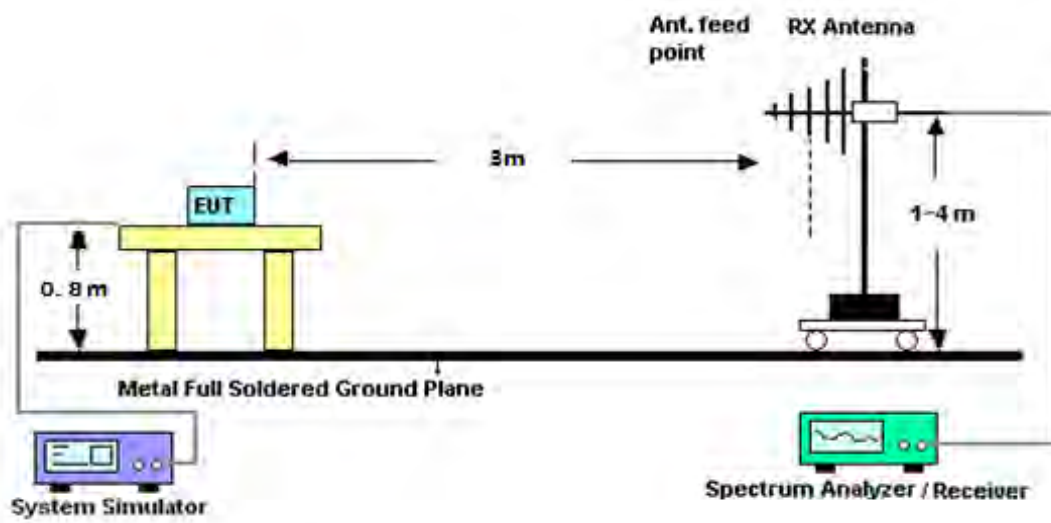
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

### TEST PROCEDURE

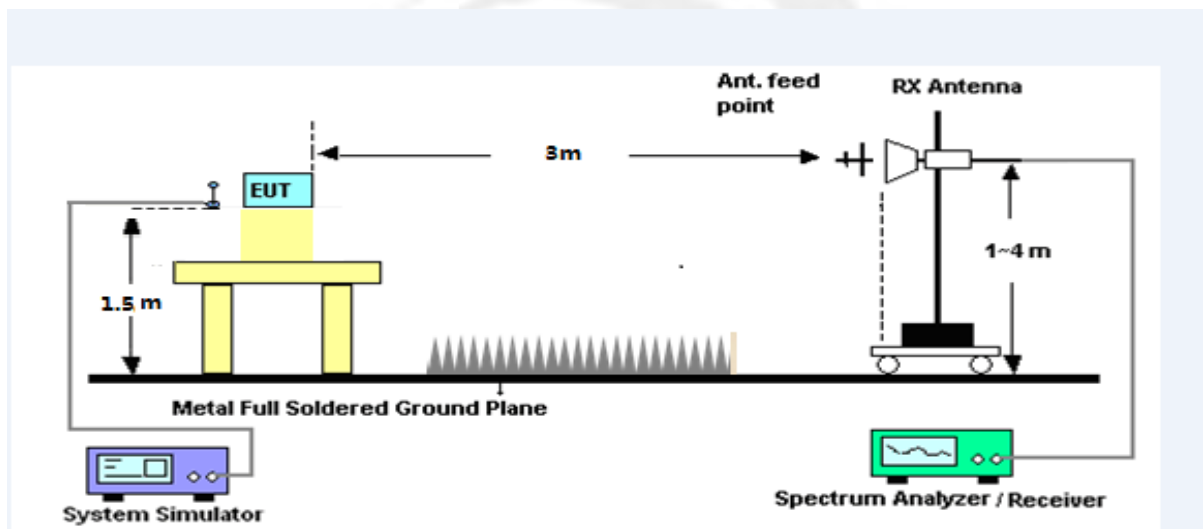
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW  $\geq 3 \times$  RBW
4. Span = 1.5 times the OBW
5. No. of sweep points  $> 2 \times$  span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-D. The EUT was replaced by the substitution antenna at same location, and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.  
 $P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$ ;  $\text{Margin} = P_{Mea} - \text{Limit}$ .

## TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



**TEST RESULT**

**Note:** (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

| GPRS 850: (30-9000)MHz                       |                     |          |       |               |                |                 |          |
|----------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results Channel 128/824.2 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1648.12                                      | -41.03              | 9.40     | 4.75  | -36.38        | -13.00         | -23.38          | H        |
| 2472.41                                      | -40.44              | 10.60    | 8.39  | -38.23        | -13.00         | -25.23          | H        |
| 3296.57                                      | -31.38              | 12.00    | 11.79 | -31.17        | -13.00         | -18.17          | H        |
| 1648.12                                      | -44.01              | 9.40     | 4.75  | -39.36        | -13.00         | -26.36          | V        |
| 2472.41                                      | -44.39              | 10.60    | 8.39  | -42.18        | -13.00         | -29.18          | V        |
| 3296.57                                      | -42.92              | 12.00    | 11.79 | -42.71        | -13.00         | -29.71          | V        |
| The Worst Test Results Channel 190/836.6 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1673.23                                      | -40.40              | 9.50     | 4.76  | -35.66        | -13.00         | -22.66          | H        |
| 2509.65                                      | -40.29              | 10.70    | 8.40  | -37.99        | -13.00         | -24.99          | H        |
| 3346.44                                      | -31.50              | 12.20    | 11.80 | -31.10        | -13.00         | -18.10          | H        |
| 1673.23                                      | -43.45              | 9.40     | 4.75  | -38.80        | -13.00         | -25.80          | V        |
| 2509.65                                      | -44.44              | 10.60    | 8.39  | -42.23        | -13.00         | -29.23          | V        |
| 3346.44                                      | -42.56              | 12.20    | 11.82 | -42.18        | -13.00         | -29.18          | V        |
| The Worst Test Results Channel 251/848.8 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1697.43                                      | -40.60              | 9.60     | 4.77  | -35.77        | -13.00         | -22.77          | H        |
| 2546.47                                      | -40.42              | 10.80    | 8.50  | -38.12        | -13.00         | -25.12          | H        |
| 3394.90                                      | -32.00              | 12.50    | 11.90 | -31.40        | -13.00         | -18.40          | H        |
| 1697.43                                      | -44.63              | 9.60     | 4.77  | -39.80        | -13.00         | -26.80          | V        |
| 2546.47                                      | -44.30              | 10.80    | 8.50  | -42.00        | -13.00         | -29.00          | V        |
| 3394.90                                      | -42.54              | 12.50    | 11.90 | -41.94        | -13.00         | -28.94          | V        |



| EGPRS 850: (30-9000)MHz                      |                     |          |       |               |                |                 |          |
|----------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results Channel 128/824.2 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1648.37                                      | -41.49              | 9.40     | 4.75  | -36.84        | -13.00         | -23.84          | H        |
| 2472.29                                      | -39.36              | 10.60    | 8.39  | -37.15        | -13.00         | -24.15          | H        |
| 3296.74                                      | -32.28              | 12.00    | 11.79 | -32.07        | -13.00         | -19.07          | H        |
| 1648.37                                      | -43.79              | 9.40     | 4.75  | -39.14        | -13.00         | -26.14          | V        |
| 2472.29                                      | -45.30              | 10.60    | 8.39  | -43.09        | -13.00         | -30.09          | V        |
| 3296.74                                      | -42.83              | 12.00    | 11.79 | -42.62        | -13.00         | -29.62          | V        |
| The Worst Test Results Channel 190/836.6 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1673.24                                      | -40.75              | 9.50     | 4.76  | -36.01        | -13.00         | -23.01          | H        |
| 2509.52                                      | -40.00              | 10.70    | 8.40  | -37.70        | -13.00         | -24.70          | H        |
| 3346.37                                      | -31.64              | 12.20    | 11.80 | -31.24        | -13.00         | -18.24          | H        |
| 1673.24                                      | -43.21              | 9.40     | 4.75  | -38.56        | -13.00         | -25.56          | V        |
| 2509.52                                      | -45.08              | 10.60    | 8.39  | -42.87        | -13.00         | -29.87          | V        |
| 3346.37                                      | -43.04              | 12.20    | 11.82 | -42.66        | -13.00         | -29.66          | V        |
| The Worst Test Results Channel 251/848.8 MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1697.25                                      | -41.56              | 9.60     | 4.77  | -36.73        | -13.00         | -23.73          | H        |
| 2546.52                                      | -39.23              | 10.80    | 8.50  | -36.93        | -13.00         | -23.93          | H        |
| 3395.24                                      | -31.34              | 12.50    | 11.90 | -30.74        | -13.00         | -17.74          | H        |
| 1697.25                                      | -43.93              | 9.60     | 4.77  | -39.10        | -13.00         | -26.10          | V        |
| 2546.52                                      | -44.78              | 10.80    | 8.50  | -42.48        | -13.00         | -29.48          | V        |
| 3395.24                                      | -43.81              | 12.50    | 11.90 | -43.21        | -13.00         | -30.21          | V        |



| GPRS1900: (30-20000)MHz                          |                     |          |       |               |                |                 |          |
|--------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 512/1850.2MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3700.43                                          | -34.70              | 12.60    | 12.93 | -35.03        | -13.00         | -22.03          | H        |
| 5550.51                                          | -35.31              | 13.10    | 17.11 | -39.32        | -13.00         | -26.32          | H        |
| 7400.85                                          | -33.65              | 11.50    | 22.20 | -44.35        | -13.00         | -31.35          | H        |
| 3700.43                                          | -35.33              | 12.60    | 12.93 | -35.66        | -13.00         | -22.66          | V        |
| 5550.51                                          | -34.43              | 13.10    | 17.11 | -38.44        | -13.00         | -25.44          | V        |
| 7400.85                                          | -32.94              | 11.50    | 22.20 | -43.64        | -13.00         | -30.64          | V        |
| The Worst Test Results for Channel 661/1880.0MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3759.83                                          | -33.61              | 12.60    | 12.93 | -33.94        | -13.00         | -20.94          | H        |
| 5639.82                                          | -34.48              | 13.10    | 17.11 | -38.49        | -13.00         | -25.49          | H        |
| 7520.19                                          | -32.92              | 11.50    | 22.20 | -43.62        | -13.00         | -30.62          | H        |
| 3759.83                                          | -35.80              | 12.60    | 12.93 | -36.13        | -13.00         | -23.13          | V        |
| 5639.82                                          | -34.47              | 13.10    | 17.11 | -38.48        | -13.00         | -25.48          | V        |
| 7520.19                                          | -32.62              | 11.50    | 22.20 | -43.32        | -13.00         | -30.32          | V        |
| The Worst Test Results for Channel 810/1909.8MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3819.29                                          | -33.91              | 12.60    | 12.93 | -34.24        | -13.00         | -21.24          | H        |
| 5729.32                                          | -34.18              | 13.10    | 17.11 | -38.19        | -13.00         | -25.19          | H        |
| 7639.22                                          | -32.28              | 11.50    | 22.20 | -42.98        | -13.00         | -29.98          | H        |
| 3819.29                                          | -34.76              | 12.60    | 12.93 | -35.09        | -13.00         | -22.09          | V        |
| 5729.32                                          | -34.42              | 13.10    | 17.11 | -38.43        | -13.00         | -25.43          | V        |
| 7639.22                                          | -32.84              | 11.50    | 22.20 | -43.54        | -13.00         | -30.54          | V        |



| EGPRS 1900: (30-20000)MHz                        |                     |          |       |               |                |                 |          |
|--------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 512/1850.2MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3700.33                                          | -34.29              | 12.60    | 12.93 | -34.62        | -13.00         | -21.62          | H        |
| 5550.57                                          | -34.14              | 13.10    | 17.11 | -38.15        | -13.00         | -25.15          | H        |
| 7400.71                                          | -33.58              | 11.50    | 22.20 | -44.28        | -13.00         | -31.28          | H        |
| 3700.33                                          | -36.00              | 12.60    | 12.93 | -36.33        | -13.00         | -23.33          | V        |
| 5550.57                                          | -33.82              | 13.10    | 17.11 | -37.83        | -13.00         | -24.83          | V        |
| 7400.71                                          | -33.02              | 11.50    | 22.20 | -43.72        | -13.00         | -30.72          | V        |
| The Worst Test Results for Channel 661/1880.0MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3759.85                                          | -34.67              | 12.60    | 12.93 | -35.00        | -13.00         | -22.00          | H        |
| 5640.14                                          | -34.23              | 13.10    | 17.11 | -38.24        | -13.00         | -25.24          | H        |
| 7519.94                                          | -32.62              | 11.50    | 22.20 | -43.32        | -13.00         | -30.32          | H        |
| 3759.85                                          | -35.10              | 12.60    | 12.93 | -35.43        | -13.00         | -22.43          | V        |
| 5640.14                                          | -35.14              | 13.10    | 17.11 | -39.15        | -13.00         | -26.15          | V        |
| 7519.94                                          | -32.18              | 11.50    | 22.20 | -42.88        | -13.00         | -29.88          | V        |
| The Worst Test Results for Channel 810/1909.8MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                   | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3819.57                                          | -33.80              | 12.60    | 12.93 | -34.13        | -13.00         | -21.13          | H        |
| 5729.33                                          | -34.93              | 13.10    | 17.11 | -38.94        | -13.00         | -25.94          | H        |
| 7639.24                                          | -32.27              | 11.50    | 22.20 | -42.97        | -13.00         | -29.97          | H        |
| 3819.57                                          | -35.00              | 12.60    | 12.93 | -35.33        | -13.00         | -22.33          | V        |
| 5729.33                                          | -35.12              | 13.10    | 17.11 | -39.13        | -13.00         | -26.13          | V        |
| 7639.24                                          | -32.22              | 11.50    | 22.20 | -42.92        | -13.00         | -29.92          | V        |



| WCDMA Band 2: (30-20000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 9262/1852.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3704.43                                           | -34.12              | 12.60    | 12.93 | -34.45        | -13.00         | -21.45          | H        |
| 5557.53                                           | -35.46              | 13.10    | 17.11 | -39.47        | -13.00         | -26.47          | H        |
| 7409.58                                           | -33.05              | 11.50    | 22.20 | -43.75        | -13.00         | -30.75          | H        |
| 3704.43                                           | -35.05              | 12.60    | 12.93 | -35.38        | -13.00         | -22.38          | V        |
| 5557.53                                           | -34.66              | 13.10    | 17.11 | -38.67        | -13.00         | -25.67          | V        |
| 7409.58                                           | -31.90              | 11.50    | 22.20 | -42.60        | -13.00         | -29.60          | V        |
| The Worst Test Results for Channel 9400/1880MHz   |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3760.08                                           | -33.73              | 12.60    | 12.93 | -34.06        | -13.00         | -21.06          | H        |
| 5640.25                                           | -34.75              | 13.10    | 17.11 | -38.76        | -13.00         | -25.76          | H        |
| 7520.05                                           | -33.58              | 11.50    | 22.20 | -44.28        | -13.00         | -31.28          | H        |
| 3760.08                                           | -35.06              | 12.60    | 12.93 | -35.39        | -13.00         | -22.39          | V        |
| 5640.25                                           | -34.38              | 13.10    | 17.11 | -38.39        | -13.00         | -25.39          | V        |
| 7520.05                                           | -31.72              | 11.50    | 22.20 | -42.42        | -13.00         | -29.42          | V        |
| The Worst Test Results for Channel 9538/1907.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3815.25                                           | -34.23              | 12.60    | 12.93 | -34.56        | -13.00         | -21.56          | H        |
| 5722.35                                           | -35.10              | 13.10    | 17.11 | -39.11        | -13.00         | -26.11          | H        |
| 7629.88                                           | -32.85              | 11.50    | 22.20 | -43.55        | -13.00         | -30.55          | H        |
| 3815.25                                           | -35.15              | 12.60    | 12.93 | -35.48        | -13.00         | -22.48          | V        |
| 5722.35                                           | -34.06              | 13.10    | 17.11 | -38.07        | -13.00         | -25.07          | V        |
| 7629.88                                           | -33.17              | 11.50    | 22.20 | -43.87        | -13.00         | -30.87          | V        |



| HSDPA Band 2: (30-20000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 9262/1852.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3704.01                                           | -34.02              | 12.60    | 12.93 | -34.35        | -13.00         | -21.35          | H        |
| 5557.27                                           | -35.45              | 13.10    | 17.11 | -39.46        | -13.00         | -26.46          | H        |
| 7409.51                                           | -33.55              | 11.50    | 22.20 | -44.25        | -13.00         | -31.25          | H        |
| 3704.01                                           | -35.51              | 12.60    | 12.93 | -35.84        | -13.00         | -22.84          | V        |
| 5557.27                                           | -33.87              | 13.10    | 17.11 | -37.88        | -13.00         | -24.88          | V        |
| 7409.51                                           | -33.20              | 11.50    | 22.20 | -43.90        | -13.00         | -30.90          | V        |
| The Worst Test Results for Channel 9400/1880MHz   |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3760.17                                           | -34.10              | 12.60    | 12.93 | -34.43        | -13.00         | -21.43          | H        |
| 5640.09                                           | -34.28              | 13.10    | 17.11 | -38.29        | -13.00         | -25.29          | H        |
| 7519.89                                           | -32.41              | 11.50    | 22.20 | -43.11        | -13.00         | -30.11          | H        |
| 3760.17                                           | -35.81              | 12.60    | 12.93 | -36.14        | -13.00         | -23.14          | V        |
| 5640.09                                           | -34.62              | 13.10    | 17.11 | -38.63        | -13.00         | -25.63          | V        |
| 7519.89                                           | -32.15              | 11.50    | 22.20 | -42.85        | -13.00         | -29.85          | V        |
| The Worst Test Results for Channel 9538/1907.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3815.26                                           | -33.93              | 12.60    | 12.93 | -34.26        | -13.00         | -21.26          | H        |
| 5722.06                                           | -34.33              | 13.10    | 17.11 | -38.34        | -13.00         | -25.34          | H        |
| 7629.92                                           | -32.24              | 11.50    | 22.20 | -42.94        | -13.00         | -29.94          | H        |
| 3815.26                                           | -35.86              | 12.60    | 12.93 | -36.19        | -13.00         | -23.19          | V        |
| 5722.06                                           | -34.01              | 13.10    | 17.11 | -38.02        | -13.00         | -25.02          | V        |
| 7629.92                                           | -31.83              | 11.50    | 22.20 | -42.53        | -13.00         | -29.53          | V        |



| HSUPA Band 2: (30-20000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 9262/1852.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3704.40                                           | -34.54              | 12.60    | 12.93 | -34.87        | -13.00         | -21.87          | H        |
| 5557.46                                           | -35.39              | 13.10    | 17.11 | -39.40        | -13.00         | -26.40          | H        |
| 7409.73                                           | -33.09              | 11.50    | 22.20 | -43.79        | -13.00         | -30.79          | H        |
| 3704.40                                           | -35.56              | 12.60    | 12.93 | -35.89        | -13.00         | -22.89          | V        |
| 5557.46                                           | -34.03              | 13.10    | 17.11 | -38.04        | -13.00         | -25.04          | V        |
| 7409.73                                           | -32.67              | 11.50    | 22.20 | -43.37        | -13.00         | -30.37          | V        |
| The Worst Test Results for Channel 9400/1880MHz   |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3759.84                                           | -33.91              | 12.60    | 12.93 | -34.24        | -13.00         | -21.24          | H        |
| 5640.08                                           | -34.60              | 13.10    | 17.11 | -38.61        | -13.00         | -25.61          | H        |
| 7520.10                                           | -33.01              | 11.50    | 22.20 | -43.71        | -13.00         | -30.71          | H        |
| 3759.84                                           | -34.69              | 12.60    | 12.93 | -35.02        | -13.00         | -22.02          | V        |
| 5640.08                                           | -34.66              | 13.10    | 17.11 | -38.67        | -13.00         | -25.67          | V        |
| 7520.10                                           | -32.82              | 11.50    | 22.20 | -43.52        | -13.00         | -30.52          | V        |
| The Worst Test Results for Channel 9538/1907.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3815.58                                           | -34.09              | 12.60    | 12.93 | -34.42        | -13.00         | -21.42          | H        |
| 5722.07                                           | -34.14              | 13.10    | 17.11 | -38.15        | -13.00         | -25.15          | H        |
| 7630.00                                           | -32.18              | 11.50    | 22.20 | -42.88        | -13.00         | -29.88          | H        |
| 3815.58                                           | -35.36              | 12.60    | 12.93 | -35.69        | -13.00         | -22.69          | V        |
| 5722.07                                           | -34.47              | 13.10    | 17.11 | -38.48        | -13.00         | -25.48          | V        |
| 7630.00                                           | -32.87              | 11.50    | 22.20 | -43.57        | -13.00         | -30.57          | V        |



| WCDMA Band 4: (30-18000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 1312/1712.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3425.11                                           | -34.81              | 12.90    | 12.05 | -33.96        | -13.00         | -20.96          | H        |
| 5137.42                                           | -35.36              | 12.80    | 16.27 | -38.83        | -13.00         | -25.83          | H        |
| 6850.24                                           | -32.22              | 12.30    | 20.13 | -40.05        | -13.00         | -27.05          | H        |
| 3425.11                                           | -35.55              | 12.90    | 12.05 | -34.70        | -13.00         | -21.70          | V        |
| 5137.42                                           | -34.49              | 12.80    | 16.27 | -37.96        | -13.00         | -24.96          | V        |
| 6850.24                                           | -33.16              | 12.30    | 20.13 | -40.99        | -13.00         | -27.99          | V        |
| The Worst Test Results for Channel 1450/1740.0MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3479.64                                           | -34.18              | 12.90    | 12.05 | -33.33        | -13.00         | -20.33          | H        |
| 5219.53                                           | -34.92              | 12.80    | 16.27 | -38.39        | -13.00         | -25.39          | H        |
| 6959.51                                           | -32.74              | 12.30    | 20.13 | -40.57        | -13.00         | -27.57          | H        |
| 3479.64                                           | -35.74              | 12.90    | 12.05 | -34.89        | -13.00         | -21.89          | V        |
| 5219.53                                           | -34.99              | 12.80    | 16.27 | -38.46        | -13.00         | -25.46          | V        |
| 6959.51                                           | -32.97              | 12.30    | 20.13 | -40.80        | -13.00         | -27.80          | V        |
| The Worst Test Results for Channel 1513/1752.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3504.55                                           | -33.89              | 12.90    | 12.05 | -33.04        | -13.00         | -20.04          | H        |
| 5256.79                                           | -34.34              | 12.80    | 16.27 | -37.81        | -13.00         | -24.81          | H        |
| 7009.28                                           | -33.23              | 12.30    | 20.13 | -41.06        | -13.00         | -28.06          | H        |
| 3504.55                                           | -35.23              | 12.90    | 12.05 | -34.38        | -13.00         | -21.38          | V        |
| 5256.79                                           | -34.29              | 12.80    | 16.27 | -37.76        | -13.00         | -24.76          | V        |
| 7009.28                                           | -32.70              | 12.30    | 20.13 | -40.53        | -13.00         | -27.53          | V        |



| HSDPA Band 4: (30-18000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 1312/1712.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3424.94                                           | -34.35              | 12.90    | 12.05 | -33.50        | -13.00         | -20.50          | H        |
| 5137.53                                           | -35.29              | 12.80    | 16.27 | -38.76        | -13.00         | -25.76          | H        |
| 6849.94                                           | -32.51              | 12.30    | 20.13 | -40.34        | -13.00         | -27.34          | H        |
| 3424.94                                           | -36.02              | 12.90    | 12.05 | -35.17        | -13.00         | -22.17          | V        |
| 5137.53                                           | -35.15              | 12.80    | 16.27 | -38.62        | -13.00         | -25.62          | V        |
| 6849.94                                           | -32.70              | 12.30    | 20.13 | -40.53        | -13.00         | -27.53          | V        |
| The Worst Test Results for Channel 1450/1740.0MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3479.67                                           | -34.71              | 12.90    | 12.05 | -33.86        | -13.00         | -20.86          | H        |
| 5219.92                                           | -35.15              | 12.80    | 16.27 | -38.62        | -13.00         | -25.62          | H        |
| 6959.65                                           | -32.86              | 12.30    | 20.13 | -40.69        | -13.00         | -27.69          | H        |
| 3479.67                                           | -35.80              | 12.90    | 12.05 | -34.95        | -13.00         | -21.95          | V        |
| 5219.92                                           | -33.89              | 12.80    | 16.27 | -37.36        | -13.00         | -24.36          | V        |
| 6959.65                                           | -31.74              | 12.30    | 20.13 | -39.57        | -13.00         | -26.57          | V        |
| The Worst Test Results for Channel 1513/1752.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3504.56                                           | -34.92              | 12.90    | 12.05 | -34.07        | -13.00         | -21.07          | H        |
| 5256.94                                           | -34.64              | 12.80    | 16.27 | -38.11        | -13.00         | -25.11          | H        |
| 7009.56                                           | -32.91              | 12.30    | 20.13 | -40.74        | -13.00         | -27.74          | H        |
| 3504.56                                           | -35.22              | 12.90    | 12.05 | -34.37        | -13.00         | -21.37          | V        |
| 5256.94                                           | -33.85              | 12.80    | 16.27 | -37.32        | -13.00         | -24.32          | V        |
| 7009.56                                           | -32.34              | 12.30    | 20.13 | -40.17        | -13.00         | -27.17          | V        |



| HSUPA Band 4: (30-18000)MHz                       |                     |          |       |               |                |                 |          |
|---------------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The Worst Test Results for Channel 1312/1712.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3425.04                                           | -34.89              | 12.90    | 12.05 | -34.04        | -13.00         | -21.04          | H        |
| 5137.34                                           | -34.87              | 12.80    | 16.27 | -38.34        | -13.00         | -25.34          | H        |
| 6850.24                                           | -33.08              | 12.30    | 20.13 | -40.91        | -13.00         | -27.91          | H        |
| 3425.04                                           | -34.53              | 12.90    | 12.05 | -33.68        | -13.00         | -20.68          | V        |
| 5137.34                                           | -34.84              | 12.80    | 16.27 | -38.31        | -13.00         | -25.31          | V        |
| 6850.24                                           | -33.03              | 12.30    | 20.13 | -40.86        | -13.00         | -27.86          | V        |
| The Worst Test Results for Channel 1450/1740.0MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3479.68                                           | -33.95              | 12.90    | 12.05 | -33.10        | -13.00         | -20.10          | H        |
| 5219.72                                           | -35.16              | 12.80    | 16.27 | -38.63        | -13.00         | -25.63          | H        |
| 6959.98                                           | -32.41              | 12.30    | 20.13 | -40.24        | -13.00         | -27.24          | H        |
| 3479.68                                           | -34.62              | 12.90    | 12.05 | -33.77        | -13.00         | -20.77          | V        |
| 5219.72                                           | -34.40              | 12.80    | 16.27 | -37.87        | -13.00         | -24.87          | V        |
| 6959.98                                           | -32.65              | 12.30    | 20.13 | -40.48        | -13.00         | -27.48          | V        |
| The Worst Test Results for Channel 1513/1752.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                                    | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3504.69                                           | -33.92              | 12.90    | 12.05 | -33.07        | -13.00         | -20.07          | H        |
| 5257.05                                           | -35.26              | 12.80    | 16.27 | -38.73        | -13.00         | -25.73          | H        |
| 7009.36                                           | -33.09              | 12.30    | 20.13 | -40.92        | -13.00         | -27.92          | H        |
| 3504.69                                           | -35.74              | 12.90    | 12.05 | -34.89        | -13.00         | -21.89          | V        |
| 5257.05                                           | -33.93              | 12.80    | 16.27 | -37.40        | -13.00         | -24.40          | V        |
| 7009.36                                           | -32.52              | 12.30    | 20.13 | -40.35        | -13.00         | -27.35          | V        |



| WCDMA Band 5: (30-9000)MHz                   |                     |          |       |               |                |                 |          |
|----------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The worst testresults channel 4132/826.4MHz  |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1652.47                                      | -41.57              | 9.40     | 4.75  | -36.92        | -13.00         | -23.92          | H        |
| 2479.45                                      | -40.56              | 10.60    | 8.39  | -38.35        | -13.00         | -25.35          | H        |
| 3305.85                                      | -30.90              | 12.00    | 11.79 | -30.69        | -13.00         | -17.69          | H        |
| 1652.47                                      | -43.55              | 9.40     | 4.75  | -38.90        | -13.00         | -25.90          | V        |
| 2479.45                                      | -44.75              | 10.60    | 8.39  | -42.54        | -13.00         | -29.54          | V        |
| 3305.85                                      | -42.83              | 12.00    | 11.79 | -42.62        | -13.00         | -29.62          | V        |
| The Worst Test Results Channel 4182/836.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1673.26                                      | -41.08              | 9.40     | 4.75  | -36.43        | -13.00         | -23.43          | H        |
| 2509.71                                      | -40.63              | 10.60    | 8.39  | -38.42        | -13.00         | -25.42          | H        |
| 3346.32                                      | -31.58              | 12.00    | 11.79 | -31.37        | -13.00         | -18.37          | H        |
| 1673.26                                      | -44.32              | 9.40     | 4.75  | -39.67        | -13.00         | -26.67          | V        |
| 2509.71                                      | -44.94              | 10.60    | 8.39  | -42.73        | -13.00         | -29.73          | V        |
| 3346.32                                      | -43.62              | 12.00    | 11.79 | -43.41        | -13.00         | -30.41          | V        |
| The Worst Test Results Channel 4233/846.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1693.47                                      | -40.47              | 9.40     | 4.75  | -35.82        | -13.00         | -22.82          | H        |
| 2539.33                                      | -39.54              | 10.60    | 8.39  | -37.33        | -13.00         | -24.33          | H        |
| 3386.14                                      | -31.48              | 12.00    | 11.79 | -31.27        | -13.00         | -18.27          | H        |
| 1693.47                                      | -44.35              | 9.40     | 4.75  | -39.70        | -13.00         | -26.70          | V        |
| 2539.33                                      | -44.33              | 10.60    | 8.39  | -42.12        | -13.00         | -29.12          | V        |
| 3386.14                                      | -43.45              | 12.00    | 11.79 | -43.24        | -13.00         | -30.24          | V        |



| HSDPA Band 5: (30-9000)MHz                   |                     |          |       |               |                |                 |          |
|----------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The worst testresults channel 4132/826.4MHz  |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1652.34                                      | -41.09              | 9.40     | 4.75  | -36.44        | -13.00         | -23.44          | H        |
| 2479.55                                      | -39.26              | 10.60    | 8.39  | -37.05        | -13.00         | -24.05          | H        |
| 3305.46                                      | -31.18              | 12.00    | 11.79 | -30.97        | -13.00         | -17.97          | H        |
| 1652.34                                      | -44.61              | 9.40     | 4.75  | -39.96        | -13.00         | -26.96          | V        |
| 2479.55                                      | -45.13              | 10.60    | 8.39  | -42.92        | -13.00         | -29.92          | V        |
| 3305.46                                      | -42.69              | 12.00    | 11.79 | -42.48        | -13.00         | -29.48          | V        |
| The Worst Test Results Channel 4182/836.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.83                                      | -41.47              | 9.40     | 4.75  | -36.82        | -13.00         | -23.82          | H        |
| 2509.85                                      | -40.55              | 10.60    | 8.39  | -38.34        | -13.00         | -25.34          | H        |
| 3346.43                                      | -31.96              | 12.00    | 11.79 | -31.75        | -13.00         | -18.75          | H        |
| 1672.83                                      | -44.37              | 9.40     | 4.75  | -39.72        | -13.00         | -26.72          | V        |
| 2509.85                                      | -45.03              | 10.60    | 8.39  | -42.82        | -13.00         | -29.82          | V        |
| 3346.43                                      | -43.55              | 12.00    | 11.79 | -43.34        | -13.00         | -30.34          | V        |
| The Worst Test Results Channel 4233/846.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1693.43                                      | -40.57              | 9.40     | 4.75  | -35.92        | -13.00         | -22.92          | H        |
| 2539.35                                      | -40.44              | 10.60    | 8.39  | -38.23        | -13.00         | -25.23          | H        |
| 3385.95                                      | -30.97              | 12.00    | 11.79 | -30.76        | -13.00         | -17.76          | H        |
| 1693.43                                      | -43.44              | 9.40     | 4.75  | -38.79        | -13.00         | -25.79          | V        |
| 2539.35                                      | -44.44              | 10.60    | 8.39  | -42.23        | -13.00         | -29.23          | V        |
| 3385.95                                      | -43.50              | 12.00    | 11.79 | -43.29        | -13.00         | -30.29          | V        |



| HSUPA Band 5: (30-9000)MHz                   |                     |          |       |               |                |                 |          |
|----------------------------------------------|---------------------|----------|-------|---------------|----------------|-----------------|----------|
| The worst testresults channel 4132/826.4MHz  |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1652.42                                      | -40.59              | 9.40     | 4.75  | -35.94        | -13.00         | -22.94          | H        |
| 2479.70                                      | -39.23              | 10.60    | 8.39  | -37.02        | -13.00         | -24.02          | H        |
| 3305.60                                      | -31.47              | 12.00    | 11.79 | -31.26        | -13.00         | -18.26          | H        |
| 1652.42                                      | -43.64              | 9.40     | 4.75  | -38.99        | -13.00         | -25.99          | V        |
| 2479.70                                      | -43.96              | 10.60    | 8.39  | -41.75        | -13.00         | -28.75          | V        |
| 3305.60                                      | -42.83              | 12.00    | 11.79 | -42.62        | -13.00         | -29.62          | V        |
| The Worst Test Results Channel 4182/836.4MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.85                                      | -41.04              | 9.40     | 4.75  | -36.39        | -13.00         | -23.39          | H        |
| 2509.76                                      | -39.56              | 10.60    | 8.39  | -37.35        | -13.00         | -24.35          | H        |
| 3346.13                                      | -32.07              | 12.00    | 11.79 | -31.86        | -13.00         | -18.86          | H        |
| 1672.85                                      | -44.39              | 9.40     | 4.75  | -39.74        | -13.00         | -26.74          | V        |
| 2509.76                                      | -45.00              | 10.60    | 8.39  | -42.79        | -13.00         | -29.79          | V        |
| 3346.13                                      | -43.44              | 12.00    | 11.79 | -43.23        | -13.00         | -30.23          | V        |
| The Worst Test Results Channel 4233/846.6MHz |                     |          |       |               |                |                 |          |
| Frequency(MHz)                               | S<br>G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1693.54                                      | -41.51              | 9.40     | 4.75  | -36.86        | -13.00         | -23.86          | H        |
| 2539.11                                      | -39.89              | 10.60    | 8.39  | -37.68        | -13.00         | -24.68          | H        |
| 3386.07                                      | -30.96              | 12.00    | 11.79 | -30.75        | -13.00         | -17.75          | H        |
| 1693.54                                      | -43.46              | 9.40     | 4.75  | -38.81        | -13.00         | -25.81          | V        |
| 2539.11                                      | -44.77              | 10.60    | 8.39  | -42.56        | -13.00         | -29.56          | V        |
| 3386.07                                      | -42.50              | 12.00    | 11.79 | -42.29        | -13.00         | -29.29          | V        |



| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3701.18                                                                             | -34.20        | 12.60    | 12.93 | -34.53     | -13.00      | -21.53       | H        |
| 5551.85                                                                             | -35.42        | 13.10    | 17.11 | -39.43     | -13.00      | -26.43       | H        |
| 7402.43                                                                             | -33.03        | 11.50    | 22.20 | -43.73     | -13.00      | -30.73       | H        |
| 3701.18                                                                             | -34.60        | 12.60    | 12.93 | -34.93     | -13.00      | -21.93       | V        |
| 5551.85                                                                             | -34.79        | 13.10    | 17.11 | -38.80     | -13.00      | -25.80       | V        |
| 7402.43                                                                             | -32.07        | 11.50    | 22.20 | -42.77     | -13.00      | -29.77       | V        |
| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3760.05                                                                             | -33.47        | 12.60    | 12.93 | -33.80     | -13.00      | -20.80       | H        |
| 5640.21                                                                             | -34.43        | 13.10    | 17.11 | -38.44     | -13.00      | -25.44       | H        |
| 7520.20                                                                             | -33.22        | 11.50    | 22.20 | -43.92     | -13.00      | -30.92       | H        |
| 3760.05                                                                             | -35.37        | 12.60    | 12.93 | -35.70     | -13.00      | -22.70       | V        |
| 5640.21                                                                             | -34.79        | 13.10    | 17.11 | -38.80     | -13.00      | -25.80       | V        |
| 7520.20                                                                             | -32.46        | 11.50    | 22.20 | -43.16     | -13.00      | -30.16       | V        |
| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3818.61                                                                             | -33.50        | 12.60    | 12.93 | -33.83     | -13.00      | -20.83       | H        |
| 5727.44                                                                             | -35.22        | 13.10    | 17.11 | -39.23     | -13.00      | -26.23       | H        |
| 7636.98                                                                             | -33.09        | 11.50    | 22.20 | -43.79     | -13.00      | -30.79       | H        |
| 3818.61                                                                             | -34.79        | 12.60    | 12.93 | -35.12     | -13.00      | -22.12       | V        |
| 5727.44                                                                             | -34.11        | 13.10    | 17.11 | -38.12     | -13.00      | -25.12       | V        |
| 7636.98                                                                             | -32.45        | 11.50    | 22.20 | -43.15     | -13.00      | -30.15       | V        |



| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3703.21                                                                           | -34.34        | 12.60    | 12.93 | -34.67        | -13.00         | -21.67          | H        |
| 5554.23                                                                           | -34.29        | 13.10    | 17.11 | -38.30        | -13.00         | -25.30          | H        |
| 7405.91                                                                           | -32.47        | 11.50    | 22.20 | -43.17        | -13.00         | -30.17          | H        |
| 3703.21                                                                           | -34.77        | 12.60    | 12.93 | -35.10        | -13.00         | -22.10          | V        |
| 5554.23                                                                           | -33.88        | 13.10    | 17.11 | -37.89        | -13.00         | -24.89          | V        |
| 7405.91                                                                           | -32.02        | 11.50    | 22.20 | -42.72        | -13.00         | -29.72          | V        |
| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3760.14                                                                           | -34.26        | 12.60    | 12.93 | -34.59        | -13.00         | -21.59          | H        |
| 5640.15                                                                           | -34.40        | 13.10    | 17.11 | -38.41        | -13.00         | -25.41          | H        |
| 7520.05                                                                           | -32.83        | 11.50    | 22.20 | -43.53        | -13.00         | -30.53          | H        |
| 3760.14                                                                           | -35.66        | 12.60    | 12.93 | -35.99        | -13.00         | -22.99          | V        |
| 5640.15                                                                           | -34.75        | 13.10    | 17.11 | -38.76        | -13.00         | -25.76          | V        |
| 7520.05                                                                           | -32.58        | 11.50    | 22.20 | -43.28        | -13.00         | -30.28          | V        |
| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3817.12                                                                           | -33.65        | 12.60    | 12.93 | -33.98        | -13.00         | -20.98          | H        |
| 5725.58                                                                           | -34.33        | 13.10    | 17.11 | -38.34        | -13.00         | -25.34          | H        |
| 7634.29                                                                           | -32.33        | 11.50    | 22.20 | -43.03        | -13.00         | -30.03          | H        |
| 3817.12                                                                           | -35.06        | 12.60    | 12.93 | -35.39        | -13.00         | -22.39          | V        |
| 5725.58                                                                           | -35.05        | 13.10    | 17.11 | -39.06        | -13.00         | -26.06          | V        |
| 7634.29                                                                           | -32.07        | 11.50    | 22.20 | -42.77        | -13.00         | -29.77          | V        |



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3705.40                                                                           | -33.49        | 12.60    | 12.93 | -33.82        | -13.00         | -20.82          | H        |
| 5557.08                                                                           | -34.62        | 13.10    | 17.11 | -38.63        | -13.00         | -25.63          | H        |
| 7410.14                                                                           | -32.69        | 11.50    | 22.20 | -43.39        | -13.00         | -30.39          | H        |
| 3705.40                                                                           | -35.66        | 12.60    | 12.93 | -35.99        | -13.00         | -22.99          | V        |
| 5557.08                                                                           | -34.69        | 13.10    | 17.11 | -38.70        | -13.00         | -25.70          | V        |
| 7410.14                                                                           | -32.22        | 11.50    | 22.20 | -42.92        | -13.00         | -29.92          | V        |
| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3760.13                                                                           | -34.16        | 12.60    | 12.93 | -34.49        | -13.00         | -21.49          | H        |
| 5639.80                                                                           | -34.92        | 13.10    | 17.11 | -38.93        | -13.00         | -25.93          | H        |
| 7519.94                                                                           | -33.05        | 11.50    | 22.20 | -43.75        | -13.00         | -30.75          | H        |
| 3760.13                                                                           | -35.41        | 12.60    | 12.93 | -35.74        | -13.00         | -22.74          | V        |
| 5639.80                                                                           | -34.52        | 13.10    | 17.11 | -38.53        | -13.00         | -25.53          | V        |
| 7519.94                                                                           | -33.18        | 11.50    | 22.20 | -43.88        | -13.00         | -30.88          | V        |
| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3815.42                                                                           | -34.05        | 12.60    | 12.93 | -34.38        | -13.00         | -21.38          | H        |
| 5722.17                                                                           | -34.43        | 13.10    | 17.11 | -38.44        | -13.00         | -25.44          | H        |
| 7629.94                                                                           | -33.09        | 11.50    | 22.20 | -43.79        | -13.00         | -30.79          | H        |
| 3815.42                                                                           | -34.89        | 12.60    | 12.93 | -35.22        | -13.00         | -22.22          | V        |
| 5722.17                                                                           | -35.21        | 13.10    | 17.11 | -39.22        | -13.00         | -26.22          | V        |
| 7629.94                                                                           | -33.09        | 11.50    | 22.20 | -43.79        | -13.00         | -30.79          | V        |



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3710.48                                                                            | -34.32        | 12.60    | 12.93 | -34.65     | -13.00      | -21.65       | H        |
| 5565.47                                                                            | -34.58        | 13.10    | 17.11 | -38.59     | -13.00      | -25.59       | H        |
| 7419.91                                                                            | -32.88        | 11.50    | 22.20 | -43.58     | -13.00      | -30.58       | H        |
| 3710.48                                                                            | -35.80        | 12.60    | 12.93 | -36.13     | -13.00      | -23.13       | V        |
| 5565.47                                                                            | -33.87        | 13.10    | 17.11 | -37.88     | -13.00      | -24.88       | V        |
| 7419.91                                                                            | -32.92        | 11.50    | 22.20 | -43.62     | -13.00      | -30.62       | V        |
| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3759.78                                                                            | -33.96        | 12.60    | 12.93 | -34.29     | -13.00      | -21.29       | H        |
| 5640.23                                                                            | -34.55        | 13.10    | 17.11 | -38.56     | -13.00      | -25.56       | H        |
| 7519.97                                                                            | -32.40        | 11.50    | 22.20 | -43.10     | -13.00      | -30.10       | H        |
| 3759.78                                                                            | -35.06        | 12.60    | 12.93 | -35.39     | -13.00      | -22.39       | V        |
| 5640.23                                                                            | -35.03        | 13.10    | 17.11 | -39.04     | -13.00      | -26.04       | V        |
| 7519.97                                                                            | -31.99        | 11.50    | 22.20 | -42.69     | -13.00      | -29.69       | V        |
| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 3810.20                                                                            | -34.12        | 12.60    | 12.93 | -34.45     | -13.00      | -21.45       | H        |
| 5715.05                                                                            | -34.61        | 13.10    | 17.11 | -38.62     | -13.00      | -25.62       | H        |
| 7619.90                                                                            | -32.69        | 11.50    | 22.20 | -43.39     | -13.00      | -30.39       | H        |
| 3810.20                                                                            | -34.73        | 12.60    | 12.93 | -35.06     | -13.00      | -22.06       | V        |
| 5715.05                                                                            | -34.43        | 13.10    | 17.11 | -38.44     | -13.00      | -25.44       | V        |
| 7619.90                                                                            | -32.61        | 11.50    | 22.20 | -43.31     | -13.00      | -30.31       | V        |



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3714.85                                                                            | -34.14        | 12.60    | 12.93 | -34.47        | -13.00         | -21.47          | H        |
| 5572.52                                                                            | -34.23        | 13.10    | 17.11 | -38.24        | -13.00         | -25.24          | H        |
| 7430.73                                                                            | -33.08        | 11.50    | 22.20 | -43.78        | -13.00         | -30.78          | H        |
| 3714.85                                                                            | -35.14        | 12.60    | 12.93 | -35.47        | -13.00         | -22.47          | V        |
| 5572.52                                                                            | -34.51        | 13.10    | 17.11 | -38.52        | -13.00         | -25.52          | V        |
| 7430.73                                                                            | -33.18        | 11.50    | 22.20 | -43.88        | -13.00         | -30.88          | V        |
| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3759.87                                                                            | -34.58        | 12.60    | 12.93 | -34.91        | -13.00         | -21.91          | H        |
| 5640.29                                                                            | -34.16        | 13.10    | 17.11 | -38.17        | -13.00         | -25.17          | H        |
| 7519.92                                                                            | -33.40        | 11.50    | 22.20 | -44.10        | -13.00         | -31.10          | H        |
| 3759.87                                                                            | -35.34        | 12.60    | 12.93 | -35.67        | -13.00         | -22.67          | V        |
| 5640.29                                                                            | -34.88        | 13.10    | 17.11 | -38.89        | -13.00         | -25.89          | V        |
| 7519.92                                                                            | -32.95        | 11.50    | 22.20 | -43.65        | -13.00         | -30.65          | V        |
| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3804.96                                                                            | -34.93        | 12.60    | 12.93 | -35.26        | -13.00         | -22.26          | H        |
| 5707.61                                                                            | -34.57        | 13.10    | 17.11 | -38.58        | -13.00         | -25.58          | H        |
| 7610.07                                                                            | -33.45        | 11.50    | 22.20 | -44.15        | -13.00         | -31.15          | H        |
| 3804.96                                                                            | -35.00        | 12.60    | 12.93 | -35.33        | -13.00         | -22.33          | V        |
| 5707.61                                                                            | -35.23        | 13.10    | 17.11 | -39.24        | -13.00         | -26.24          | V        |
| 7610.07                                                                            | -32.78        | 11.50    | 22.20 | -43.48        | -13.00         | -30.48          | V        |



| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |        |        |        |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|--------|--------|--------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea   | Limit  | Margin | Polarity |
|                                                                                    |               |          |       | (dBm)  | (dBm)  | (dBm)  |          |
| 3720.46                                                                            | -34.36        | 12.60    | 12.93 | -34.69 | -13.00 | -21.69 | H        |
| 5580.51                                                                            | -35.45        | 13.10    | 17.11 | -39.46 | -13.00 | -26.46 | H        |
| 7439.69                                                                            | -32.17        | 11.50    | 22.20 | -42.87 | -13.00 | -29.87 | H        |
| 3720.46                                                                            | -36.00        | 12.60    | 12.93 | -36.33 | -13.00 | -23.33 | V        |
| 5580.51                                                                            | -33.87        | 13.10    | 17.11 | -37.88 | -13.00 | -24.88 | V        |
| 7439.69                                                                            | -32.55        | 11.50    | 22.20 | -43.25 | -13.00 | -30.25 | V        |
| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |        |        |        |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea   | Limit  | Margin | Polarity |
|                                                                                    |               |          |       | (dBm)  | (dBm)  | (dBm)  |          |
| 3759.86                                                                            | -33.71        | 12.60    | 12.93 | -34.04 | -13.00 | -21.04 | H        |
| 5640.24                                                                            | -34.20        | 13.10    | 17.11 | -38.21 | -13.00 | -25.21 | H        |
| 7520.00                                                                            | -32.81        | 11.50    | 22.20 | -43.51 | -13.00 | -30.51 | H        |
| 3759.86                                                                            | -35.86        | 12.60    | 12.93 | -36.19 | -13.00 | -23.19 | V        |
| 5640.24                                                                            | -34.03        | 13.10    | 17.11 | -38.04 | -13.00 | -25.04 | V        |
| 7520.00                                                                            | -33.04        | 11.50    | 22.20 | -43.74 | -13.00 | -30.74 | V        |
| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |        |        |        |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea   | Limit  | Margin | Polarity |
|                                                                                    |               |          |       | (dBm)  | (dBm)  | (dBm)  |          |
| 3799.97                                                                            | -34.25        | 12.60    | 12.93 | -34.58 | -13.00 | -21.58 | H        |
| 5699.73                                                                            | -34.57        | 13.10    | 17.11 | -38.58 | -13.00 | -25.58 | H        |
| 7600.18                                                                            | -32.60        | 11.50    | 22.20 | -43.30 | -13.00 | -30.30 | H        |
| 3799.97                                                                            | -34.92        | 12.60    | 12.93 | -35.25 | -13.00 | -22.25 | V        |
| 5699.73                                                                            | -34.25        | 13.10    | 17.11 | -38.26 | -13.00 | -25.26 | V        |
| 7600.18                                                                            | -31.76        | 11.50    | 22.20 | -42.46 | -13.00 | -29.46 | V        |



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3421.04                                                                             | -33.51        | 12.90    | 12.56 | -33.17        | -13.00         | -20.17          | H        |
| 5131.79                                                                             | -35.09        | 13.10    | 16.32 | -38.31        | -13.00         | -25.31          | H        |
| 6842.52                                                                             | -32.53        | 12.33    | 21.13 | -41.33        | -13.00         | -28.33          | H        |
| 3421.04                                                                             | -34.53        | 12.90    | 12.56 | -34.19        | -13.00         | -21.19          | V        |
| 5131.79                                                                             | -34.76        | 13.10    | 16.32 | -37.98        | -13.00         | -24.98          | V        |
| 6842.52                                                                             | -31.96        | 12.33    | 21.13 | -40.76        | -13.00         | -27.76          | V        |
| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.86                                                                             | -34.66        | 12.90    | 12.56 | -34.32        | -13.00         | -21.32          | H        |
| 5196.69                                                                             | -34.27        | 13.10    | 16.32 | -37.49        | -13.00         | -24.49          | H        |
| 6929.91                                                                             | -32.28        | 12.33    | 21.13 | -41.08        | -13.00         | -28.08          | H        |
| 3464.86                                                                             | -35.68        | 12.90    | 12.56 | -35.34        | -13.00         | -22.34          | V        |
| 5196.69                                                                             | -33.85        | 13.10    | 16.32 | -37.07        | -13.00         | -24.07          | V        |
| 6929.91                                                                             | -31.79        | 12.33    | 21.13 | -40.59        | -13.00         | -27.59          | V        |
| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3508.12                                                                             | -34.76        | 12.90    | 12.56 | -34.42        | -13.00         | -21.42          | H        |
| 5262.34                                                                             | -34.63        | 13.10    | 16.32 | -37.85        | -13.00         | -24.85          | H        |
| 7015.70                                                                             | -33.17        | 12.33    | 21.13 | -41.97        | -13.00         | -28.97          | H        |
| 3508.12                                                                             | -34.66        | 12.90    | 12.56 | -34.32        | -13.00         | -21.32          | V        |
| 5262.34                                                                             | -34.56        | 13.10    | 16.32 | -37.78        | -13.00         | -24.78          | V        |
| 7015.70                                                                             | -32.75        | 12.33    | 21.13 | -41.55        | -13.00         | -28.55          | V        |



| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3424.09                                                                           | -34.83        | 12.90    | 12.56 | -34.49        | -13.00         | -21.49          | H        |
| 5135.94                                                                           | -34.67        | 13.10    | 16.32 | -37.89        | -13.00         | -24.89          | H        |
| 6848.55                                                                           | -32.79        | 12.33    | 21.13 | -41.59        | -13.00         | -28.59          | H        |
| 3424.09                                                                           | -34.53        | 12.90    | 12.56 | -34.19        | -13.00         | -21.19          | V        |
| 5135.94                                                                           | -35.14        | 13.10    | 16.32 | -38.36        | -13.00         | -25.36          | V        |
| 6848.55                                                                           | -32.63        | 12.33    | 21.13 | -41.43        | -13.00         | -28.43          | V        |
| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.63                                                                           | -34.10        | 12.90    | 12.56 | -33.76        | -13.00         | -20.76          | H        |
| 5196.62                                                                           | -34.68        | 13.10    | 16.32 | -37.90        | -13.00         | -24.90          | H        |
| 6929.74                                                                           | -32.81        | 12.33    | 21.13 | -41.61        | -13.00         | -28.61          | H        |
| 3464.63                                                                           | -35.09        | 12.90    | 12.56 | -34.75        | -13.00         | -21.75          | V        |
| 5196.62                                                                           | -34.03        | 13.10    | 16.32 | -37.25        | -13.00         | -24.25          | V        |
| 6929.74                                                                           | -33.20        | 12.33    | 21.13 | -42.00        | -13.00         | -29.00          | V        |
| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3506.26                                                                           | -34.88        | 12.90    | 12.56 | -34.54        | -13.00         | -21.54          | H        |
| 5261.98                                                                           | -35.20        | 13.10    | 16.32 | -38.42        | -13.00         | -25.42          | H        |
| 7012.40                                                                           | -32.73        | 12.33    | 21.13 | -41.53        | -13.00         | -28.53          | H        |
| 3506.26                                                                           | -35.75        | 12.90    | 12.56 | -35.41        | -13.00         | -22.41          | V        |
| 5261.98                                                                           | -35.07        | 13.10    | 16.32 | -38.29        | -13.00         | -25.29          | V        |
| 7012.40                                                                           | -32.25        | 12.33    | 21.13 | -41.05        | -13.00         | -28.05          | V        |



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3424.88                                                                           | -34.49        | 12.90    | 12.56 | -34.15        | -13.00         | -21.15          | H        |
| 5137.23                                                                           | -34.19        | 13.10    | 16.32 | -37.41        | -13.00         | -24.41          | H        |
| 6849.63                                                                           | -33.48        | 12.33    | 21.13 | -42.28        | -13.00         | -29.28          | H        |
| 3424.88                                                                           | -35.40        | 12.90    | 12.56 | -35.06        | -13.00         | -22.06          | V        |
| 5137.23                                                                           | -35.12        | 13.10    | 16.32 | -38.34        | -13.00         | -25.34          | V        |
| 6849.63                                                                           | -31.81        | 12.33    | 21.13 | -40.61        | -13.00         | -27.61          | V        |
| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.68                                                                           | -34.81        | 12.90    | 12.56 | -34.47        | -13.00         | -21.47          | H        |
| 5196.87                                                                           | -34.88        | 13.10    | 16.32 | -38.10        | -13.00         | -25.10          | H        |
| 6930.01                                                                           | -32.40        | 12.33    | 21.13 | -41.20        | -13.00         | -28.20          | H        |
| 3464.68                                                                           | -35.77        | 12.90    | 12.56 | -35.43        | -13.00         | -22.43          | V        |
| 5196.87                                                                           | -35.06        | 13.10    | 16.32 | -38.28        | -13.00         | -25.28          | V        |
| 6930.01                                                                           | -33.02        | 12.33    | 21.13 | -41.82        | -13.00         | -28.82          | V        |
| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3504.99                                                                           | -33.78        | 12.90    | 12.56 | -33.44        | -13.00         | -20.44          | H        |
| 5256.87                                                                           | -34.29        | 13.10    | 16.32 | -37.51        | -13.00         | -24.51          | H        |
| 7009.71                                                                           | -32.17        | 12.33    | 21.13 | -40.97        | -13.00         | -27.97          | H        |
| 3504.99                                                                           | -35.36        | 12.90    | 12.56 | -35.02        | -13.00         | -22.02          | V        |
| 5256.87                                                                           | -35.11        | 13.10    | 16.32 | -38.33        | -13.00         | -25.33          | V        |
| 7009.71                                                                           | -32.96        | 12.33    | 21.13 | -41.76        | -13.00         | -28.76          | V        |



| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3430.00                                                                            | -33.57        | 12.90    | 12.56 | -33.23        | -13.00         | -20.23          | H        |
| 5145.03                                                                            | -35.30        | 13.10    | 16.32 | -38.52        | -13.00         | -25.52          | H        |
| 6860.46                                                                            | -32.85        | 12.33    | 21.13 | -41.65        | -13.00         | -28.65          | H        |
| 3430.00                                                                            | -35.51        | 12.90    | 12.56 | -35.17        | -13.00         | -22.17          | V        |
| 5145.03                                                                            | -34.71        | 13.10    | 16.32 | -37.93        | -13.00         | -24.93          | V        |
| 6860.46                                                                            | -32.82        | 12.33    | 21.13 | -41.62        | -13.00         | -28.62          | V        |
| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.38                                                                            | -34.23        | 12.90    | 12.56 | -33.89        | -13.00         | -20.89          | H        |
| 5196.46                                                                            | -35.16        | 13.10    | 16.32 | -38.38        | -13.00         | -25.38          | H        |
| 6929.46                                                                            | -32.89        | 12.33    | 21.13 | -41.69        | -13.00         | -28.69          | H        |
| 3464.38                                                                            | -35.67        | 12.90    | 12.56 | -35.33        | -13.00         | -22.33          | V        |
| 5196.46                                                                            | -34.85        | 13.10    | 16.32 | -38.07        | -13.00         | -25.07          | V        |
| 6929.46                                                                            | -32.33        | 12.33    | 21.13 | -41.13        | -13.00         | -28.13          | V        |
| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3500.29                                                                            | -34.35        | 12.90    | 12.56 | -34.01        | -13.00         | -21.01          | H        |
| 5249.99                                                                            | -34.94        | 13.10    | 16.32 | -38.16        | -13.00         | -25.16          | H        |
| 7000.12                                                                            | -32.75        | 12.33    | 21.13 | -41.55        | -13.00         | -28.55          | H        |
| 3500.29                                                                            | -35.76        | 12.90    | 12.56 | -35.42        | -13.00         | -22.42          | V        |
| 5249.99                                                                            | -34.22        | 13.10    | 16.32 | -37.44        | -13.00         | -24.44          | V        |
| 7000.12                                                                            | -31.91        | 12.33    | 21.13 | -40.71        | -13.00         | -27.71          | V        |



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3435.06                                                                            | -34.67        | 12.90    | 12.56 | -34.33        | -13.00         | -21.33          | H        |
| 5152.37                                                                            | -34.89        | 13.10    | 16.32 | -38.11        | -13.00         | -25.11          | H        |
| 6870.34                                                                            | -32.31        | 12.33    | 21.13 | -41.11        | -13.00         | -28.11          | H        |
| 3435.06                                                                            | -35.21        | 12.90    | 12.56 | -34.87        | -13.00         | -21.87          | V        |
| 5152.37                                                                            | -34.36        | 13.10    | 16.32 | -37.58        | -13.00         | -24.58          | V        |
| 6870.34                                                                            | -32.67        | 12.33    | 21.13 | -41.47        | -13.00         | -28.47          | V        |
| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.90                                                                            | -33.50        | 12.90    | 12.56 | -33.16        | -13.00         | -20.16          | H        |
| 5196.79                                                                            | -35.11        | 13.10    | 16.32 | -38.33        | -13.00         | -25.33          | H        |
| 6930.14                                                                            | -33.42        | 12.33    | 21.13 | -42.22        | -13.00         | -29.22          | H        |
| 3464.90                                                                            | -35.17        | 12.90    | 12.56 | -34.83        | -13.00         | -21.83          | V        |
| 5196.79                                                                            | -35.05        | 13.10    | 16.32 | -38.27        | -13.00         | -25.27          | V        |
| 6930.14                                                                            | -33.19        | 12.33    | 21.13 | -41.99        | -13.00         | -28.99          | V        |
| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3495.43                                                                            | -33.87        | 12.90    | 12.56 | -33.53        | -13.00         | -20.53          | H        |
| 5241.94                                                                            | -35.08        | 13.10    | 16.32 | -38.30        | -13.00         | -25.30          | H        |
| 6990.18                                                                            | -32.29        | 12.33    | 21.13 | -41.09        | -13.00         | -28.09          | H        |
| 3495.43                                                                            | -34.55        | 12.90    | 12.56 | -34.21        | -13.00         | -21.21          | V        |
| 5241.94                                                                            | -33.77        | 13.10    | 16.32 | -36.99        | -13.00         | -23.99          | V        |
| 6990.18                                                                            | -32.35        | 12.33    | 21.13 | -41.15        | -13.00         | -28.15          | V        |



| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3440.02                                                                            | -34.07        | 12.90    | 12.56 | -33.73        | -13.00         | -20.73          | H        |
| 5159.86                                                                            | -34.26        | 13.10    | 16.32 | -37.48        | -13.00         | -24.48          | H        |
| 6880.49                                                                            | -32.49        | 12.33    | 21.13 | -41.29        | -13.00         | -28.29          | H        |
| 3440.02                                                                            | -34.93        | 12.90    | 12.56 | -34.59        | -13.00         | -21.59          | V        |
| 5159.86                                                                            | -35.14        | 13.10    | 16.32 | -38.36        | -13.00         | -25.36          | V        |
| 6880.49                                                                            | -32.58        | 12.33    | 21.13 | -41.38        | -13.00         | -28.38          | V        |
| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3464.97                                                                            | -34.26        | 12.90    | 12.56 | -33.92        | -13.00         | -20.92          | H        |
| 5196.67                                                                            | -34.69        | 13.10    | 16.32 | -37.91        | -13.00         | -24.91          | H        |
| 6929.87                                                                            | -33.11        | 12.33    | 21.13 | -41.91        | -13.00         | -28.91          | H        |
| 3464.97                                                                            | -34.92        | 12.90    | 12.56 | -34.58        | -13.00         | -21.58          | V        |
| 5196.67                                                                            | -34.34        | 13.10    | 16.32 | -37.56        | -13.00         | -24.56          | V        |
| 6929.87                                                                            | -32.10        | 12.33    | 21.13 | -40.90        | -13.00         | -27.90          | V        |
| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.29                                                                            | -34.28        | 12.90    | 12.56 | -33.94        | -13.00         | -20.94          | H        |
| 5235.13                                                                            | -34.83        | 13.10    | 16.32 | -38.05        | -13.00         | -25.05          | H        |
| 6979.62                                                                            | -32.30        | 12.33    | 21.13 | -41.10        | -13.00         | -28.10          | H        |
| 3490.29                                                                            | -35.69        | 12.90    | 12.56 | -35.35        | -13.00         | -22.35          | V        |
| 5235.13                                                                            | -34.66        | 13.10    | 16.32 | -37.88        | -13.00         | -24.88          | V        |
| 6979.62                                                                            | -32.42        | 12.33    | 21.13 | -41.22        | -13.00         | -28.22          | V        |



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1648.70                                                                             | -34.38        | 9.56     | 9.72  | -34.54        | -13.00         | -21.54          | H        |
| 2473.66                                                                             | -34.99        | 10.50    | 10.86 | -35.35        | -13.00         | -22.35          | H        |
| 3298.46                                                                             | -32.74        | 12.78    | 11.57 | -31.53        | -13.00         | -18.53          | H        |
| 1648.70                                                                             | -35.00        | 9.56     | 9.72  | -35.16        | -13.00         | -22.16          | V        |
| 2473.66                                                                             | -34.06        | 10.50    | 10.86 | -34.42        | -13.00         | -21.42          | V        |
| 3298.46                                                                             | -32.13        | 12.78    | 11.57 | -30.92        | -13.00         | -17.92          | V        |
| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.74                                                                             | -33.66        | 9.56     | 9.72  | -33.82        | -13.00         | -20.82          | H        |
| 2509.15                                                                             | -35.06        | 10.50    | 10.86 | -35.42        | -13.00         | -22.42          | H        |
| 3345.42                                                                             | -32.22        | 12.78    | 11.57 | -31.01        | -13.00         | -18.01          | H        |
| 1672.74                                                                             | -35.56        | 9.56     | 9.72  | -35.72        | -13.00         | -22.72          | V        |
| 2509.15                                                                             | -34.57        | 10.50    | 10.86 | -34.93        | -13.00         | -21.93          | V        |
| 3345.42                                                                             | -32.23        | 12.78    | 11.57 | -31.02        | -13.00         | -18.02          | V        |
| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1696.09                                                                             | -34.11        | 9.56     | 9.72  | -34.27        | -13.00         | -21.27          | H        |
| 2544.31                                                                             | -34.70        | 10.50    | 10.86 | -35.06        | -13.00         | -22.06          | H        |
| 3392.73                                                                             | -33.29        | 12.78    | 11.57 | -32.08        | -13.00         | -19.08          | H        |
| 1696.09                                                                             | -35.69        | 9.56     | 9.72  | -35.85        | -13.00         | -22.85          | V        |
| 2544.31                                                                             | -34.48        | 10.50    | 10.86 | -34.84        | -13.00         | -21.84          | V        |
| 3392.73                                                                             | -32.05        | 12.78    | 11.57 | -30.84        | -13.00         | -17.84          | V        |



| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1650.39                                                                           | -34.01        | 9.56     | 9.72  | -34.17        | -13.00         | -21.17          | H        |
| 2476.16                                                                           | -35.09        | 10.50    | 10.86 | -35.45        | -13.00         | -22.45          | H        |
| 3301.43                                                                           | -32.51        | 12.78    | 11.57 | -31.30        | -13.00         | -18.30          | H        |
| 1650.39                                                                           | -35.38        | 9.56     | 9.72  | -35.54        | -13.00         | -22.54          | V        |
| 2476.16                                                                           | -34.12        | 10.50    | 10.86 | -34.48        | -13.00         | -21.48          | V        |
| 3301.43                                                                           | -32.13        | 12.78    | 11.57 | -30.92        | -13.00         | -17.92          | V        |
| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.09                                                                           | -34.42        | 9.56     | 9.72  | -34.58        | -13.00         | -21.58          | H        |
| 2509.01                                                                           | -35.41        | 10.50    | 10.86 | -35.77        | -13.00         | -22.77          | H        |
| 3345.73                                                                           | -33.25        | 12.78    | 11.57 | -32.04        | -13.00         | -19.04          | H        |
| 1672.09                                                                           | -35.71        | 9.56     | 9.72  | -35.87        | -13.00         | -22.87          | V        |
| 2509.01                                                                           | -34.48        | 10.50    | 10.86 | -34.84        | -13.00         | -21.84          | V        |
| 3345.73                                                                           | -32.76        | 12.78    | 11.57 | -31.55        | -13.00         | -18.55          | V        |
| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1694.44                                                                           | -34.19        | 9.56     | 9.72  | -34.35        | -13.00         | -21.35          | H        |
| 2541.85                                                                           | -34.56        | 10.50    | 10.86 | -34.92        | -13.00         | -21.92          | H        |
| 3389.08                                                                           | -32.68        | 12.78    | 11.57 | -31.47        | -13.00         | -18.47          | H        |
| 1694.44                                                                           | -34.60        | 9.56     | 9.72  | -34.76        | -13.00         | -21.76          | V        |
| 2541.85                                                                           | -33.80        | 10.50    | 10.86 | -34.16        | -13.00         | -21.16          | V        |
| 3389.08                                                                           | -31.89        | 12.78    | 11.57 | -30.68        | -13.00         | -17.68          | V        |



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1652.51                                                                           | -33.87        | 9.56     | 9.72  | -34.03        | -13.00         | -21.03          | H        |
| 2478.98                                                                           | -34.25        | 10.50    | 10.86 | -34.61        | -13.00         | -21.61          | H        |
| 3305.75                                                                           | -33.41        | 12.78    | 11.57 | -32.20        | -13.00         | -19.20          | H        |
| 1652.51                                                                           | -34.60        | 9.56     | 9.72  | -34.76        | -13.00         | -21.76          | V        |
| 2478.98                                                                           | -34.79        | 10.50    | 10.86 | -35.15        | -13.00         | -22.15          | V        |
| 3305.75                                                                           | -31.92        | 12.78    | 11.57 | -30.71        | -13.00         | -17.71          | V        |
| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.29                                                                           | -33.46        | 9.56     | 9.72  | -33.62        | -13.00         | -20.62          | H        |
| 2508.87                                                                           | -34.24        | 10.50    | 10.86 | -34.60        | -13.00         | -21.60          | H        |
| 3345.39                                                                           | -32.90        | 12.78    | 11.57 | -31.69        | -13.00         | -18.69          | H        |
| 1672.29                                                                           | -34.97        | 9.56     | 9.72  | -35.13        | -13.00         | -22.13          | V        |
| 2508.87                                                                           | -34.53        | 10.50    | 10.86 | -34.89        | -13.00         | -21.89          | V        |
| 3345.39                                                                           | -32.84        | 12.78    | 11.57 | -31.63        | -13.00         | -18.63          | V        |
| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1692.49                                                                           | -34.06        | 9.56     | 9.72  | -34.22        | -13.00         | -21.22          | H        |
| 2539.04                                                                           | -35.37        | 10.50    | 10.86 | -35.73        | -13.00         | -22.73          | H        |
| 3385.79                                                                           | -33.30        | 12.78    | 11.57 | -32.09        | -13.00         | -19.09          | H        |
| 1692.49                                                                           | -35.69        | 9.56     | 9.72  | -35.85        | -13.00         | -22.85          | V        |
| 2539.04                                                                           | -33.83        | 10.50    | 10.86 | -34.19        | -13.00         | -21.19          | V        |
| 3385.79                                                                           | -32.92        | 12.78    | 11.57 | -31.71        | -13.00         | -18.71          | V        |



| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1657.86                                                                            | -34.43        | 9.56     | 9.72  | -34.59        | -13.00         | -21.59          | H        |
| 2486.10                                                                            | -34.51        | 10.50    | 10.86 | -34.87        | -13.00         | -21.87          | H        |
| 3315.14                                                                            | -33.06        | 12.78    | 11.57 | -31.85        | -13.00         | -18.85          | H        |
| 1657.86                                                                            | -35.95        | 9.56     | 9.72  | -36.11        | -13.00         | -23.11          | V        |
| 2486.10                                                                            | -34.16        | 10.50    | 10.86 | -34.52        | -13.00         | -21.52          | V        |
| 3315.14                                                                            | -31.92        | 12.78    | 11.57 | -30.71        | -13.00         | -17.71          | V        |
| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.15                                                                            | -33.49        | 9.56     | 9.72  | -33.65        | -13.00         | -20.65          | H        |
| 2509.02                                                                            | -34.53        | 10.50    | 10.86 | -34.89        | -13.00         | -21.89          | H        |
| 3345.39                                                                            | -33.22        | 12.78    | 11.57 | -32.01        | -13.00         | -19.01          | H        |
| 1672.15                                                                            | -35.51        | 9.56     | 9.72  | -35.67        | -13.00         | -22.67          | V        |
| 2509.02                                                                            | -34.43        | 10.50    | 10.86 | -34.79        | -13.00         | -21.79          | V        |
| 3345.39                                                                            | -32.93        | 12.78    | 11.57 | -31.72        | -13.00         | -18.72          | V        |
| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1687.34                                                                            | -33.99        | 9.56     | 9.72  | -34.15        | -13.00         | -21.15          | H        |
| 2531.59                                                                            | -35.25        | 10.50    | 10.86 | -35.61        | -13.00         | -22.61          | H        |
| 3375.45                                                                            | -33.38        | 12.78    | 11.57 | -32.17        | -13.00         | -19.17          | H        |
| 1687.34                                                                            | -35.23        | 9.56     | 9.72  | -35.39        | -13.00         | -22.39          | V        |
| 2531.59                                                                            | -34.08        | 10.50    | 10.86 | -34.44        | -13.00         | -21.44          | V        |
| 3375.45                                                                            | -32.12        | 12.78    | 11.57 | -30.91        | -13.00         | -17.91          | V        |



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-----------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5005.13                                                                           | -33.52        | 12.66    | 15.86 | -36.72        | -25.00         | -11.72          | H        |
| 7507.51                                                                           | -34.91        | 11.46    | 19.28 | -42.73        | -25.00         | -17.73          | H        |
| 10010.56                                                                          | -32.28        | 12.79    | 23.19 | -42.68        | -25.00         | -17.68          | H        |
| 5005.13                                                                           | -35.08        | 12.66    | 15.86 | -38.28        | -25.00         | -13.28          | V        |
| 7507.51                                                                           | -35.00        | 11.46    | 19.28 | -42.82        | -25.00         | -17.82          | V        |
| 10010.56                                                                          | -31.80        | 12.79    | 23.19 | -42.20        | -25.00         | -17.20          | V        |
| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5069.71                                                                           | -34.27        | 12.72    | 15.86 | -37.41        | -25.00         | -12.41          | H        |
| 7604.74                                                                           | -35.19        | 11.46    | 19.28 | -43.01        | -25.00         | -18.01          | H        |
| 10139.90                                                                          | -32.72        | 12.09    | 23.19 | -43.82        | -25.00         | -18.82          | H        |
| 5069.71                                                                           | -35.37        | 12.72    | 15.86 | -38.51        | -25.00         | -13.51          | V        |
| 7604.74                                                                           | -34.34        | 11.46    | 19.28 | -42.16        | -25.00         | -17.16          | V        |
| 10139.90                                                                          | -32.62        | 12.09    | 23.19 | -43.72        | -25.00         | -18.72          | V        |
| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                    | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5133.71                                                                           | -34.83        | 12.76    | 15.86 | -37.93        | -25.00         | -12.93          | H        |
| 7701.35                                                                           | -35.37        | 11.45    | 19.28 | -43.20        | -25.00         | -18.20          | H        |
| 10268.05                                                                          | -32.24        | 12.28    | 23.19 | -43.15        | -25.00         | -18.15          | H        |
| 5133.71                                                                           | -35.52        | 12.76    | 15.86 | -38.62        | -25.00         | -13.62          | V        |
| 7701.35                                                                           | -34.09        | 11.45    | 19.28 | -41.92        | -25.00         | -16.92          | V        |
| 10268.05                                                                          | -33.00        | 12.28    | 23.19 | -43.91        | -25.00         | -18.91          | V        |



| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5010.13                                                                            | -33.46        | 12.66    | 15.86 | -36.66        | -25.00         | -11.66          | H        |
| 7515.45                                                                            | -35.34        | 11.46    | 19.28 | -43.16        | -25.00         | -18.16          | H        |
| 10020.58                                                                           | -32.37        | 12.79    | 23.19 | -42.77        | -25.00         | -17.77          | H        |
| 5010.13                                                                            | -34.61        | 12.66    | 15.86 | -37.81        | -25.00         | -12.81          | V        |
| 7515.45                                                                            | -35.01        | 11.46    | 19.28 | -42.83        | -25.00         | -17.83          | V        |
| 10020.58                                                                           | -33.16        | 12.79    | 23.19 | -43.56        | -25.00         | -18.56          | V        |
| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5069.61                                                                            | -33.55        | 12.72    | 15.86 | -36.69        | -25.00         | -11.69          | H        |
| 7605.06                                                                            | -34.48        | 11.46    | 19.28 | -42.30        | -25.00         | -17.30          | H        |
| 10139.94                                                                           | -33.44        | 12.09    | 23.19 | -44.54        | -25.00         | -19.54          | H        |
| 5069.61                                                                            | -35.45        | 12.72    | 15.86 | -38.59        | -25.00         | -13.59          | V        |
| 7605.06                                                                            | -34.89        | 11.46    | 19.28 | -42.71        | -25.00         | -17.71          | V        |
| 10139.94                                                                           | -32.75        | 12.09    | 23.19 | -43.85        | -25.00         | -18.85          | V        |
| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5129.25                                                                            | -34.18        | 12.76    | 15.86 | -37.28        | -25.00         | -12.28          | H        |
| 7693.73                                                                            | -34.63        | 11.45    | 19.28 | -42.46        | -25.00         | -17.46          | H        |
| 10258.58                                                                           | -32.85        | 12.28    | 23.19 | -43.76        | -25.00         | -18.76          | H        |
| 5129.25                                                                            | -35.53        | 12.76    | 15.86 | -38.63        | -25.00         | -13.63          | V        |
| 7693.73                                                                            | -34.75        | 11.45    | 19.28 | -42.58        | -25.00         | -17.58          | V        |
| 10258.58                                                                           | -32.31        | 12.28    | 23.19 | -43.22        | -25.00         | -18.22          | V        |



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5015.55                                                                            | -34.35        | 12.66    | 15.86 | -37.55        | -25.00         | -12.55          | H        |
| 7523.96                                                                            | -35.14        | 11.46    | 19.28 | -42.96        | -25.00         | -17.96          | H        |
| 10031.48                                                                           | -33.59        | 12.79    | 23.19 | -43.99        | -25.00         | -18.99          | H        |
| 5015.55                                                                            | -35.19        | 12.66    | 15.86 | -38.39        | -25.00         | -13.39          | V        |
| 7523.96                                                                            | -34.83        | 11.46    | 19.28 | -42.65        | -25.00         | -17.65          | V        |
| 10031.48                                                                           | -31.75        | 12.79    | 23.19 | -42.15        | -25.00         | -17.15          | V        |
| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5069.97                                                                            | -34.27        | 12.72    | 15.86 | -37.41        | -25.00         | -12.41          | H        |
| 7604.85                                                                            | -35.12        | 11.46    | 19.28 | -42.94        | -25.00         | -17.94          | H        |
| 10139.62                                                                           | -32.28        | 12.09    | 23.19 | -43.38        | -25.00         | -18.38          | H        |
| 5069.97                                                                            | -34.68        | 12.72    | 15.86 | -37.82        | -25.00         | -12.82          | V        |
| 7604.85                                                                            | -34.79        | 11.46    | 19.28 | -42.61        | -25.00         | -17.61          | V        |
| 10139.62                                                                           | -32.15        | 12.09    | 23.19 | -43.25        | -25.00         | -18.25          | V        |
| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5123.21                                                                            | -34.14        | 12.76    | 15.86 | -37.24        | -25.00         | -12.24          | H        |
| 7523.97                                                                            | -35.12        | 11.45    | 19.28 | -42.95        | -25.00         | -17.95          | H        |
| 10031.94                                                                           | -33.42        | 12.28    | 23.19 | -44.33        | -25.00         | -19.33          | H        |
| 5123.21                                                                            | -35.88        | 12.76    | 15.86 | -38.98        | -25.00         | -13.98          | V        |
| 7523.97                                                                            | -34.38        | 11.45    | 19.28 | -42.21        | -25.00         | -17.21          | V        |
| 10031.94                                                                           | -32.10        | 12.28    | 23.19 | -43.01        | -25.00         | -18.01          | V        |



| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5020.95                                                                            | -33.65        | 12.66    | 15.86 | -36.85        | -25.00         | -11.85          | H        |
| 7531.19                                                                            | -34.44        | 11.46    | 19.28 | -42.26        | -25.00         | -17.26          | H        |
| 10258.85                                                                           | -32.29        | 12.79    | 23.19 | -42.69        | -25.00         | -17.69          | H        |
| 5020.95                                                                            | -35.64        | 12.66    | 15.86 | -38.84        | -25.00         | -13.84          | V        |
| 7531.19                                                                            | -34.55        | 11.46    | 19.28 | -42.37        | -25.00         | -17.37          | V        |
| 10258.85                                                                           | -32.54        | 12.79    | 23.19 | -42.94        | -25.00         | -17.94          | V        |
| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5069.92                                                                            | -34.44        | 12.72    | 15.86 | -37.58        | -25.00         | -12.58          | H        |
| 7605.04                                                                            | -35.23        | 11.46    | 19.28 | -43.05        | -25.00         | -18.05          | H        |
| 10139.98                                                                           | -32.28        | 12.09    | 23.19 | -43.38        | -25.00         | -18.38          | H        |
| 5069.92                                                                            | -35.32        | 12.72    | 15.86 | -38.46        | -25.00         | -13.46          | V        |
| 7605.04                                                                            | -34.34        | 11.46    | 19.28 | -42.16        | -25.00         | -17.16          | V        |
| 10139.98                                                                           | -32.97        | 12.09    | 23.19 | -44.07        | -25.00         | -19.07          | V        |
| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5118.57                                                                            | -34.10        | 12.76    | 15.86 | -37.20        | -25.00         | -12.20          | H        |
| 7678.03                                                                            | -34.42        | 11.45    | 19.28 | -42.25        | -25.00         | -17.25          | H        |
| 10237.97                                                                           | -33.02        | 12.28    | 23.19 | -43.93        | -25.00         | -18.93          | H        |
| 5118.57                                                                            | -34.94        | 12.76    | 15.86 | -38.04        | -25.00         | -13.04          | V        |
| 7678.03                                                                            | -34.74        | 11.45    | 19.28 | -42.57        | -25.00         | -17.57          | V        |
| 10237.97                                                                           | -32.84        | 12.28    | 23.19 | -43.75        | -25.00         | -18.75          | V        |



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|--------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1399.34                                                                              | -34.86        | 8.17     | 9.34  | -36.03        | -13.00         | -23.03          | H        |
| 2098.68                                                                              | -35.28        | 9.53     | 10.42 | -36.17        | -13.00         | -23.17          | H        |
| 2798.52                                                                              | -32.46        | 11.27    | 11.12 | -32.31        | -13.00         | -19.31          | H        |
| 1399.34                                                                              | -34.84        | 8.17     | 9.34  | -36.01        | -13.00         | -23.01          | V        |
| 2098.68                                                                              | -34.60        | 9.53     | 10.42 | -35.49        | -13.00         | -22.49          | V        |
| 2798.52                                                                              | -32.88        | 11.27    | 11.12 | -32.73        | -13.00         | -19.73          | V        |
| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1414.64                                                                              | -34.17        | 8.17     | 9.34  | -35.34        | -13.00         | -22.34          | H        |
| 2122.32                                                                              | -34.97        | 9.53     | 10.42 | -35.86        | -13.00         | -22.86          | H        |
| 2829.87                                                                              | -33.51        | 11.27    | 11.12 | -33.36        | -13.00         | -20.36          | H        |
| 1414.64                                                                              | -34.98        | 8.17     | 9.34  | -36.15        | -13.00         | -23.15          | V        |
| 2122.32                                                                              | -33.86        | 9.53     | 10.42 | -34.75        | -13.00         | -21.75          | V        |
| 2829.87                                                                              | -32.93        | 11.27    | 11.12 | -32.78        | -13.00         | -19.78          | V        |
| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1430.26                                                                              | -34.54        | 8.17     | 9.34  | -35.71        | -13.00         | -22.71          | H        |
| 2145.55                                                                              | -34.44        | 9.53     | 10.42 | -35.33        | -13.00         | -22.33          | H        |
| 2860.74                                                                              | -32.74        | 11.27    | 11.12 | -32.59        | -13.00         | -19.59          | H        |
| 1430.26                                                                              | -35.28        | 8.17     | 9.34  | -36.45        | -13.00         | -23.45          | V        |
| 2145.55                                                                              | -34.00        | 9.53     | 10.42 | -34.89        | -13.00         | -21.89          | V        |
| 2860.74                                                                              | -32.47        | 11.27    | 11.12 | -32.32        | -13.00         | -19.32          | V        |



| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1400.93                                                                            | -34.44        | 8.17     | 9.34  | -35.61        | -13.00         | -22.61          | H        |
| 2101.43                                                                            | -34.20        | 9.53     | 10.42 | -35.09        | -13.00         | -22.09          | H        |
| 2801.84                                                                            | -32.87        | 11.27    | 11.12 | -32.72        | -13.00         | -19.72          | H        |
| 1400.93                                                                            | -36.01        | 8.17     | 9.34  | -37.18        | -13.00         | -24.18          | V        |
| 2101.43                                                                            | -34.01        | 9.53     | 10.42 | -34.90        | -13.00         | -21.90          | V        |
| 2801.84                                                                            | -32.91        | 11.27    | 11.12 | -32.76        | -13.00         | -19.76          | V        |
| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1414.53                                                                            | -34.22        | 8.17     | 9.34  | -35.39        | -13.00         | -22.39          | H        |
| 2122.01                                                                            | -34.51        | 9.53     | 10.42 | -35.40        | -13.00         | -22.40          | H        |
| 2829.68                                                                            | -33.61        | 11.27    | 11.12 | -33.46        | -13.00         | -20.46          | H        |
| 1414.53                                                                            | -35.18        | 8.17     | 9.34  | -36.35        | -13.00         | -23.35          | V        |
| 2122.01                                                                            | -34.02        | 9.53     | 10.42 | -34.91        | -13.00         | -21.91          | V        |
| 2829.68                                                                            | -31.78        | 11.27    | 11.12 | -31.63        | -13.00         | -18.63          | V        |
| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1428.80                                                                            | -34.90        | 8.17     | 9.34  | -36.07        | -13.00         | -23.07          | H        |
| 2143.33                                                                            | -34.59        | 9.53     | 10.42 | -35.48        | -13.00         | -22.48          | H        |
| 2857.81                                                                            | -33.27        | 11.27    | 11.12 | -33.12        | -13.00         | -20.12          | H        |
| 1428.80                                                                            | -35.08        | 8.17     | 9.34  | -36.25        | -13.00         | -23.25          | V        |
| 2143.33                                                                            | -34.42        | 9.53     | 10.42 | -35.31        | -13.00         | -22.31          | V        |
| 2857.81                                                                            | -33.16        | 11.27    | 11.12 | -33.01        | -13.00         | -20.01          | V        |



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1402.72                                                                            | -33.58        | 8.17     | 9.34  | -34.75        | -13.00         | -21.75          | H        |
| 2104.45                                                                            | -34.77        | 9.53     | 10.42 | -35.66        | -13.00         | -22.66          | H        |
| 2805.64                                                                            | -32.54        | 11.27    | 11.12 | -32.39        | -13.00         | -19.39          | H        |
| 1402.72                                                                            | -34.84        | 8.17     | 9.34  | -36.01        | -13.00         | -23.01          | V        |
| 2104.45                                                                            | -34.09        | 9.53     | 10.42 | -34.98        | -13.00         | -21.98          | V        |
| 2805.64                                                                            | -32.35        | 11.27    | 11.12 | -32.20        | -13.00         | -19.20          | V        |
| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1414.72                                                                            | -34.36        | 8.17     | 9.34  | -35.53        | -13.00         | -22.53          | H        |
| 2122.49                                                                            | -35.23        | 9.53     | 10.42 | -36.12        | -13.00         | -23.12          | H        |
| 2829.96                                                                            | -32.53        | 11.27    | 11.12 | -32.38        | -13.00         | -19.38          | H        |
| 1414.72                                                                            | -35.17        | 8.17     | 9.34  | -36.34        | -13.00         | -23.34          | V        |
| 2122.49                                                                            | -33.93        | 9.53     | 10.42 | -34.82        | -13.00         | -21.82          | V        |
| 2829.96                                                                            | -32.13        | 11.27    | 11.12 | -31.98        | -13.00         | -18.98          | V        |
| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1426.85                                                                            | -33.47        | 8.17     | 9.34  | -34.64        | -13.00         | -21.64          | H        |
| 2140.28                                                                            | -35.13        | 9.53     | 10.42 | -36.02        | -13.00         | -23.02          | H        |
| 2853.59                                                                            | -32.67        | 11.27    | 11.12 | -32.52        | -13.00         | -19.52          | H        |
| 1426.85                                                                            | -35.20        | 8.17     | 9.34  | -36.37        | -13.00         | -23.37          | V        |
| 2140.28                                                                            | -34.86        | 9.53     | 10.42 | -35.75        | -13.00         | -22.75          | V        |
| 2853.59                                                                            | -32.72        | 11.27    | 11.12 | -32.57        | -13.00         | -19.57          | V        |



| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1407.68                                                                             | -34.04        | 8.17     | 9.34  | -35.21        | -13.00         | -22.21          | H        |
| 2111.76                                                                             | -35.34        | 9.53     | 10.42 | -36.23        | -13.00         | -23.23          | H        |
| 2815.92                                                                             | -32.27        | 11.27    | 11.12 | -32.12        | -13.00         | -19.12          | H        |
| 1407.68                                                                             | -34.85        | 8.17     | 9.34  | -36.02        | -13.00         | -23.02          | V        |
| 2111.76                                                                             | -33.91        | 9.53     | 10.42 | -34.80        | -13.00         | -21.80          | V        |
| 2815.92                                                                             | -32.83        | 11.27    | 11.12 | -32.68        | -13.00         | -19.68          | V        |
| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1414.96                                                                             | -33.55        | 8.17     | 9.34  | -34.72        | -13.00         | -21.72          | H        |
| 2122.17                                                                             | -34.01        | 9.53     | 10.42 | -34.90        | -13.00         | -21.90          | H        |
| 2829.89                                                                             | -33.05        | 11.27    | 11.12 | -32.90        | -13.00         | -19.90          | H        |
| 1414.96                                                                             | -35.80        | 8.17     | 9.34  | -36.97        | -13.00         | -23.97          | V        |
| 2122.17                                                                             | -33.84        | 9.53     | 10.42 | -34.73        | -13.00         | -21.73          | V        |
| 2829.89                                                                             | -32.00        | 11.27    | 11.12 | -31.85        | -13.00         | -18.85          | V        |
| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1421.82                                                                             | -33.98        | 8.17     | 9.34  | -35.15        | -13.00         | -22.15          | H        |
| 2132.62                                                                             | -34.68        | 9.53     | 10.42 | -35.57        | -13.00         | -22.57          | H        |
| 2843.77                                                                             | -33.30        | 11.27    | 11.12 | -33.15        | -13.00         | -20.15          | H        |
| 1421.82                                                                             | -35.34        | 8.17     | 9.34  | -36.51        | -13.00         | -23.51          | V        |
| 2132.62                                                                             | -34.14        | 9.53     | 10.42 | -35.03        | -13.00         | -22.03          | V        |
| 2843.77                                                                             | -32.74        | 11.27    | 11.12 | -32.59        | -13.00         | -19.59          | V        |



| LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1559.21                                                                            | -48.09        | 9.56     | 9.72  | -48.25     | -40.00      | -8.25        | H        |
| 2338.22                                                                            | -46.65        | 10.50    | 10.86 | -47.01     | -13.00      | -34.01       | H        |
| 3117.99                                                                            | -45.77        | 12.78    | 11.57 | -44.56     | -13.00      | -31.56       | H        |
| 1559.21                                                                            | -48.43        | 9.56     | 9.72  | -48.59     | -40.00      | -8.59        | V        |
| 2338.22                                                                            | -46.80        | 10.50    | 10.86 | -47.16     | -13.00      | -34.16       | V        |
| 3117.99                                                                            | -46.02        | 12.78    | 11.57 | -44.81     | -13.00      | -31.81       | V        |
| LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1564.06                                                                            | -48.72        | 9.56     | 9.72  | -48.88     | -40.00      | -8.88        | H        |
| 2345.67                                                                            | -46.11        | 10.50    | 10.86 | -46.47     | -13.00      | -33.47       | H        |
| 3127.76                                                                            | -46.57        | 12.78    | 11.57 | -45.36     | -13.00      | -32.36       | H        |
| 1564.06                                                                            | -47.99        | 9.56     | 9.72  | -48.15     | -40.00      | -8.15        | V        |
| 2345.67                                                                            | -46.99        | 10.50    | 10.86 | -47.35     | -13.00      | -34.35       | V        |
| 3127.76                                                                            | -45.60        | 12.78    | 11.57 | -44.39     | -13.00      | -31.39       | V        |
| LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1569.05                                                                            | -48.86        | 9.56     | 9.72  | -49.02     | -40.00      | -9.02        | H        |
| 2353.16                                                                            | -47.00        | 10.50    | 10.86 | -47.36     | -13.00      | -34.36       | H        |
| 3138.39                                                                            | -45.80        | 12.78    | 11.57 | -44.59     | -13.00      | -31.59       | H        |
| 1569.05                                                                            | -47.55        | 9.56     | 9.72  | -47.71     | -40.00      | -7.71        | V        |
| 2353.16                                                                            | -46.65        | 10.50    | 10.86 | -47.01     | -13.00      | -34.01       | V        |
| 3138.39                                                                            | -46.64        | 12.78    | 11.57 | -45.43     | -13.00      | -32.43       | V        |

| LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle |               |          |       |            |             |              |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1564.07                                                                            | -48.29        | 9.56     | 9.72  | -48.45     | -40.00      | -8.45        | H        |
| 2346.17                                                                            | -47.24        | 10.50    | 10.86 | -47.60     | -13.00      | -34.60       | H        |
| 3127.75                                                                            | -45.67        | 12.78    | 11.57 | -44.46     | -13.00      | -31.46       | H        |
| 1564.07                                                                            | -48.90        | 9.56     | 9.72  | -49.06     | -40.00      | -9.06        | V        |
| 2346.17                                                                            | -46.28        | 10.50    | 10.86 | -46.64     | -13.00      | -33.64       | V        |
| 3127.75                                                                            | -45.66        | 12.78    | 11.57 | -44.45     | -13.00      | -31.45       | V        |



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1413.18                                                                            | -33.84        | 8.17     | 9.34  | -35.01        | -13.00         | -22.01          | H        |
| 2120.29                                                                            | -34.04        | 9.53     | 10.42 | -34.93        | -13.00         | -21.93          | H        |
| 2826.63                                                                            | -32.75        | 11.27    | 11.12 | -32.60        | -13.00         | -19.60          | H        |
| 1413.18                                                                            | -35.17        | 8.17     | 9.34  | -36.34        | -13.00         | -23.34          | V        |
| 2120.29                                                                            | -33.91        | 9.53     | 10.42 | -34.80        | -13.00         | -21.80          | V        |
| 2826.63                                                                            | -32.31        | 11.27    | 11.12 | -32.16        | -13.00         | -19.16          | V        |
| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1420.17                                                                            | -34.46        | 8.17     | 9.34  | -35.63        | -13.00         | -22.63          | H        |
| 2130.21                                                                            | -34.46        | 9.53     | 10.42 | -35.35        | -13.00         | -22.35          | H        |
| 2840.17                                                                            | -32.34        | 11.27    | 11.12 | -32.19        | -13.00         | -19.19          | H        |
| 1420.17                                                                            | -35.28        | 8.17     | 9.34  | -36.45        | -13.00         | -23.45          | V        |
| 2130.21                                                                            | -34.31        | 9.53     | 10.42 | -35.20        | -13.00         | -22.20          | V        |
| 2840.17                                                                            | -32.60        | 11.27    | 11.12 | -32.45        | -13.00         | -19.45          | V        |
| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1425.95                                                                            | -33.62        | 8.17     | 9.34  | -34.79        | -13.00         | -21.79          | H        |
| 2139.15                                                                            | -34.95        | 9.53     | 10.42 | -35.84        | -13.00         | -22.84          | H        |
| 2852.73                                                                            | -33.57        | 11.27    | 11.12 | -33.42        | -13.00         | -20.42          | H        |
| 1425.95                                                                            | -34.72        | 8.17     | 9.34  | -35.89        | -13.00         | -22.89          | V        |
| 2139.15                                                                            | -35.04        | 9.53     | 10.42 | -35.93        | -13.00         | -22.93          | V        |
| 2852.73                                                                            | -32.30        | 11.27    | 11.12 | -32.15        | -13.00         | -19.15          | V        |



| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1418.42                                                                             | -33.74        | 8.17     | 9.34  | -34.91        | -13.00         | -21.91          | H        |
| 2127.25                                                                             | -34.51        | 9.53     | 10.42 | -35.40        | -13.00         | -22.40          | H        |
| 2836.42                                                                             | -33.13        | 11.27    | 11.12 | -32.98        | -13.00         | -19.98          | H        |
| 1418.42                                                                             | -34.95        | 8.17     | 9.34  | -36.12        | -13.00         | -23.12          | V        |
| 2127.25                                                                             | -34.33        | 9.53     | 10.42 | -35.22        | -13.00         | -22.22          | V        |
| 2836.42                                                                             | -32.69        | 11.27    | 11.12 | -32.54        | -13.00         | -19.54          | V        |
| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1420.05                                                                             | -34.04        | 8.17     | 9.34  | -35.21        | -13.00         | -22.21          | H        |
| 2130.23                                                                             | -34.28        | 9.53     | 10.42 | -35.17        | -13.00         | -22.17          | H        |
| 2840.12                                                                             | -33.58        | 11.27    | 11.12 | -33.43        | -13.00         | -20.43          | H        |
| 1420.05                                                                             | -35.29        | 8.17     | 9.34  | -36.46        | -13.00         | -23.46          | V        |
| 2130.23                                                                             | -33.99        | 9.53     | 10.42 | -34.88        | -13.00         | -21.88          | V        |
| 2840.12                                                                             | -33.10        | 11.27    | 11.12 | -32.95        | -13.00         | -19.95          | V        |
| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1421.21                                                                             | -34.12        | 8.17     | 9.34  | -35.29        | -13.00         | -22.29          | H        |
| 2131.67                                                                             | -34.72        | 9.53     | 10.42 | -35.61        | -13.00         | -22.61          | H        |
| 2842.35                                                                             | -33.23        | 11.27    | 11.12 | -33.08        | -13.00         | -20.08          | H        |
| 1421.21                                                                             | -35.97        | 8.17     | 9.34  | -37.14        | -13.00         | -24.14          | V        |
| 2131.67                                                                             | -34.46        | 9.53     | 10.42 | -35.35        | -13.00         | -22.35          | V        |
| 2842.35                                                                             | -31.97        | 11.27    | 11.12 | -31.82        | -13.00         | -18.82          | V        |



| LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|-----------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1649.37                                                                                       | -34.77        | 9.56     | 9.72  | -34.93     | -13.00      | -21.93       | H        |
| 2473.66                                                                                       | -35.17        | 10.50    | 10.86 | -35.53     | -13.00      | -22.53       | H        |
| 3298.63                                                                                       | -33.52        | 12.78    | 11.57 | -32.31     | -13.00      | -19.31       | H        |
| 1649.37                                                                                       | -34.80        | 9.56     | 9.72  | -34.96     | -13.00      | -21.96       | V        |
| 2473.66                                                                                       | -34.81        | 10.50    | 10.86 | -35.17     | -13.00      | -22.17       | V        |
| 3298.63                                                                                       | -32.00        | 12.78    | 11.57 | -30.79     | -13.00      | -17.79       | V        |
| LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1673.26                                                                                       | -33.65        | 9.56     | 9.72  | -33.81     | -13.00      | -20.81       | H        |
| 2509.28                                                                                       | -34.82        | 10.50    | 10.86 | -35.18     | -13.00      | -22.18       | H        |
| 3346.22                                                                                       | -33.15        | 12.78    | 11.57 | -31.94     | -13.00      | -18.94       | H        |
| 1673.26                                                                                       | -34.95        | 9.56     | 9.72  | -35.11     | -13.00      | -22.11       | V        |
| 2509.28                                                                                       | -34.90        | 10.50    | 10.86 | -35.26     | -13.00      | -22.26       | V        |
| 3346.22                                                                                       | -31.88        | 12.78    | 11.57 | -30.67     | -13.00      | -17.67       | V        |
| LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1696.30                                                                                       | -34.83        | 9.56     | 9.72  | -34.99     | -13.00      | -21.99       | H        |
| 2544.69                                                                                       | -35.33        | 10.50    | 10.86 | -35.69     | -13.00      | -22.69       | H        |
| 3393.12                                                                                       | -32.31        | 12.78    | 11.57 | -31.10     | -13.00      | -18.10       | H        |
| 1696.30                                                                                       | -35.44        | 9.56     | 9.72  | -35.60     | -13.00      | -22.60       | V        |
| 2544.69                                                                                       | -34.35        | 10.50    | 10.86 | -34.71     | -13.00      | -21.71       | V        |
| 3393.12                                                                                       | -32.26        | 12.78    | 11.57 | -31.05     | -13.00      | -18.05       | V        |



| LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|---------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1651.27                                                                                     | -34.62        | 9.56     | 9.72  | -34.78     | -13.00      | -21.78       | H        |
| 2476.59                                                                                     | -34.22        | 10.50    | 10.86 | -34.58     | -13.00      | -21.58       | H        |
| 3301.47                                                                                     | -32.77        | 12.78    | 11.57 | -31.56     | -13.00      | -18.56       | H        |
| 1651.27                                                                                     | -35.75        | 9.56     | 9.72  | -35.91     | -13.00      | -22.91       | V        |
| 2476.59                                                                                     | -34.23        | 10.50    | 10.86 | -34.59     | -13.00      | -21.59       | V        |
| 3301.47                                                                                     | -31.93        | 12.78    | 11.57 | -30.72     | -13.00      | -17.72       | V        |
| LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1673.20                                                                                     | -34.26        | 9.56     | 9.72  | -34.42     | -13.00      | -21.42       | H        |
| 2508.97                                                                                     | -34.58        | 10.50    | 10.86 | -34.94     | -13.00      | -21.94       | H        |
| 3346.08                                                                                     | -32.35        | 12.78    | 11.57 | -31.14     | -13.00      | -18.14       | H        |
| 1673.20                                                                                     | -36.01        | 9.56     | 9.72  | -36.17     | -13.00      | -23.17       | V        |
| 2508.97                                                                                     | -34.27        | 10.50    | 10.86 | -34.63     | -13.00      | -21.63       | V        |
| 3346.08                                                                                     | -32.72        | 12.78    | 11.57 | -31.51     | -13.00      | -18.51       | V        |
| LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1695.74                                                                                     | -34.18        | 9.56     | 9.72  | -34.34     | -13.00      | -21.34       | H        |
| 2542.41                                                                                     | -34.72        | 10.50    | 10.86 | -35.08     | -13.00      | -22.08       | H        |
| 3390.01                                                                                     | -32.31        | 12.78    | 11.57 | -31.10     | -13.00      | -18.10       | H        |
| 1695.74                                                                                     | -35.89        | 9.56     | 9.72  | -36.05     | -13.00      | -23.05       | V        |
| 2542.41                                                                                     | -34.59        | 10.50    | 10.86 | -34.95     | -13.00      | -21.95       | V        |
| 3390.01                                                                                     | -32.45        | 12.78    | 11.57 | -31.24     | -13.00      | -18.24       | V        |



| LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|---------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1652.99                                                                                     | -34.16        | 9.56     | 9.72  | -34.32     | -13.00      | -21.32       | H        |
| 2479.26                                                                                     | -35.10        | 10.50    | 10.86 | -35.46     | -13.00      | -22.46       | H        |
| 3306.68                                                                                     | -32.39        | 12.78    | 11.57 | -31.18     | -13.00      | -18.18       | H        |
| 1652.99                                                                                     | -35.64        | 9.56     | 9.72  | -35.80     | -13.00      | -22.80       | V        |
| 2479.26                                                                                     | -34.11        | 10.50    | 10.86 | -34.47     | -13.00      | -21.47       | V        |
| 3306.68                                                                                     | -33.12        | 12.78    | 11.57 | -31.91     | -13.00      | -18.91       | V        |
| LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1673.14                                                                                     | -33.73        | 9.56     | 9.72  | -33.89     | -13.00      | -20.89       | H        |
| 2508.91                                                                                     | -34.61        | 10.50    | 10.86 | -34.97     | -13.00      | -21.97       | H        |
| 3345.97                                                                                     | -32.40        | 12.78    | 11.57 | -31.19     | -13.00      | -18.19       | H        |
| 1673.14                                                                                     | -35.75        | 9.56     | 9.72  | -35.91     | -13.00      | -22.91       | V        |
| 2508.91                                                                                     | -34.19        | 10.50    | 10.86 | -34.55     | -13.00      | -21.55       | V        |
| 3345.97                                                                                     | -32.73        | 12.78    | 11.57 | -31.52     | -13.00      | -18.52       | V        |
| LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1693.37                                                                                     | -33.53        | 9.56     | 9.72  | -33.69     | -13.00      | -20.69       | H        |
| 2539.18                                                                                     | -35.38        | 10.50    | 10.86 | -35.74     | -13.00      | -22.74       | H        |
| 3386.10                                                                                     | -33.25        | 12.78    | 11.57 | -32.04     | -13.00      | -19.04       | H        |
| 1693.37                                                                                     | -35.76        | 9.56     | 9.72  | -35.92     | -13.00      | -22.92       | V        |
| 2539.18                                                                                     | -34.97        | 10.50    | 10.86 | -35.33     | -13.00      | -22.33       | V        |
| 3386.10                                                                                     | -32.97        | 12.78    | 11.57 | -31.76     | -13.00      | -18.76       | V        |



| LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |                  |          |       |               |                |                 |          |
|----------------------------------------------------------------------------------------------|------------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1658.10                                                                                      | -34.26           | 9.56     | 9.72  | -34.42        | -13.00         | -21.42          | H        |
| 2486.58                                                                                      | -34.79           | 10.50    | 10.86 | -35.15        | -13.00         | -22.15          | H        |
| 3315.53                                                                                      | -32.77           | 12.78    | 11.57 | -31.56        | -13.00         | -18.56          | H        |
| 1658.10                                                                                      | -35.79           | 9.56     | 9.72  | -35.95        | -13.00         | -22.95          | V        |
| 2486.58                                                                                      | -34.37           | 10.50    | 10.86 | -34.73        | -13.00         | -21.73          | V        |
| 3315.53                                                                                      | -32.34           | 12.78    | 11.57 | -31.13        | -13.00         | -18.13          | V        |
| LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |                  |          |       |               |                |                 |          |
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1672.85                                                                                      | -33.86           | 9.56     | 9.72  | -34.02        | -13.00         | -21.02          | H        |
| 2509.00                                                                                      | -34.32           | 10.50    | 10.86 | -34.68        | -13.00         | -21.68          | H        |
| 3346.20                                                                                      | -32.97           | 12.78    | 11.57 | -31.76        | -13.00         | -18.76          | H        |
| 1672.85                                                                                      | -35.21           | 9.56     | 9.72  | -35.37        | -13.00         | -22.37          | V        |
| 2509.00                                                                                      | -34.01           | 10.50    | 10.86 | -34.37        | -13.00         | -21.37          | V        |
| 3346.20                                                                                      | -33.13           | 12.78    | 11.57 | -31.92        | -13.00         | -18.92          | V        |
| LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |                  |          |       |               |                |                 |          |
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1688.51                                                                                      | -33.50           | 9.56     | 9.72  | -33.66        | -13.00         | -20.66          | H        |
| 2532.04                                                                                      | -35.37           | 10.50    | 10.86 | -35.73        | -13.00         | -22.73          | H        |
| 3376.29                                                                                      | -32.74           | 12.78    | 11.57 | -31.53        | -13.00         | -18.53          | H        |
| 1688.51                                                                                      | -34.84           | 9.56     | 9.72  | -35.00        | -13.00         | -22.00          | V        |
| 2532.04                                                                                      | -34.81           | 10.50    | 10.86 | -35.17        | -13.00         | -22.17          | V        |
| 3376.29                                                                                      | -32.34           | 12.78    | 11.57 | -31.13        | -13.00         | -18.13          | V        |



| LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |                  |          |       |               |                |                 |          |
|----------------------------------------------------------------------------------------------|------------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1663.14                                                                                      | -34.38           | 9.56     | 9.72  | -34.54        | -13.00         | -21.54          | H        |
| 2494.44                                                                                      | -35.08           | 10.50    | 10.86 | -35.44        | -13.00         | -22.44          | H        |
| 3325.49                                                                                      | -32.46           | 12.78    | 11.57 | -31.25        | -13.00         | -18.25          | H        |
| 1663.14                                                                                      | -35.74           | 9.56     | 9.72  | -35.90        | -13.00         | -22.90          | V        |
| 2494.44                                                                                      | -34.24           | 10.50    | 10.86 | -34.60        | -13.00         | -21.60          | V        |
| 3325.49                                                                                      | -32.52           | 12.78    | 11.57 | -31.31        | -13.00         | -18.31          | V        |
| LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |                  |          |       |               |                |                 |          |
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1673.19                                                                                      | -34.15           | 9.56     | 9.72  | -34.31        | -13.00         | -21.31          | H        |
| 2509.17                                                                                      | -34.81           | 10.50    | 10.86 | -35.17        | -13.00         | -22.17          | H        |
| 3346.14                                                                                      | -32.76           | 12.78    | 11.57 | -31.55        | -13.00         | -18.55          | H        |
| 1673.19                                                                                      | -35.47           | 9.56     | 9.72  | -35.63        | -13.00         | -22.63          | V        |
| 2509.17                                                                                      | -35.13           | 10.50    | 10.86 | -35.49        | -13.00         | -22.49          | V        |
| 3346.14                                                                                      | -32.51           | 12.78    | 11.57 | -31.30        | -13.00         | -18.30          | V        |
| LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |                  |          |       |               |                |                 |          |
| Frequency(MHz)                                                                               | S G.Lev<br>(dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 1683.78                                                                                      | -34.50           | 9.56     | 9.72  | -34.66        | -13.00         | -21.66          | H        |
| 2524.09                                                                                      | -34.88           | 10.50    | 10.86 | -35.24        | -13.00         | -22.24          | H        |
| 3366.44                                                                                      | -32.45           | 12.78    | 11.57 | -31.24        | -13.00         | -18.24          | H        |
| 1683.78                                                                                      | -35.93           | 9.56     | 9.72  | -36.09        | -13.00         | -23.09          | V        |
| 2524.09                                                                                      | -34.50           | 10.50    | 10.86 | -34.86        | -13.00         | -21.86          | V        |
| 3366.44                                                                                      | -32.43           | 12.78    | 11.57 | -31.22        | -13.00         | -18.22          | V        |



| LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|-----------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1649.45                                                                                       | -33.70        | 9.56     | 9.72  | -33.86     | -13.00      | -20.86       | H        |
| 2473.65                                                                                       | -34.23        | 10.50    | 10.86 | -34.59     | -13.00      | -21.59       | H        |
| 3298.50                                                                                       | -33.31        | 12.78    | 11.57 | -32.10     | -13.00      | -19.10       | H        |
| 1649.45                                                                                       | -35.89        | 9.56     | 9.72  | -36.05     | -13.00      | -23.05       | V        |
| 2473.65                                                                                       | -34.65        | 10.50    | 10.86 | -35.01     | -13.00      | -22.01       | V        |
| 3298.50                                                                                       | -32.18        | 12.78    | 11.57 | -30.97     | -13.00      | -17.97       | V        |
| LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1673.07                                                                                       | -33.87        | 9.56     | 9.72  | -34.03     | -13.00      | -21.03       | H        |
| 2509.20                                                                                       | -34.05        | 10.50    | 10.86 | -34.41     | -13.00      | -21.41       | H        |
| 3345.98                                                                                       | -32.53        | 12.78    | 11.57 | -31.32     | -13.00      | -18.32       | H        |
| 1673.07                                                                                       | -35.65        | 9.56     | 9.72  | -35.81     | -13.00      | -22.81       | V        |
| 2509.20                                                                                       | -33.79        | 10.50    | 10.86 | -34.15     | -13.00      | -21.15       | V        |
| 3345.98                                                                                       | -33.08        | 12.78    | 11.57 | -31.87     | -13.00      | -18.87       | V        |
| LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                                | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1696.30                                                                                       | -34.68        | 9.56     | 9.72  | -34.84     | -13.00      | -21.84       | H        |
| 2544.69                                                                                       | -34.24        | 10.50    | 10.86 | -34.60     | -13.00      | -21.60       | H        |
| 3392.92                                                                                       | -32.80        | 12.78    | 11.57 | -31.59     | -13.00      | -18.59       | H        |
| 1696.30                                                                                       | -34.96        | 9.56     | 9.72  | -35.12     | -13.00      | -22.12       | V        |
| 2544.69                                                                                       | -34.74        | 10.50    | 10.86 | -35.10     | -13.00      | -22.10       | V        |
| 3392.92                                                                                       | -32.42        | 12.78    | 11.57 | -31.21     | -13.00      | -18.21       | V        |



| LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|---------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1651.49                                                                                     | -33.65        | 9.56     | 9.72  | -33.81     | -13.00      | -20.81       | H        |
| 2476.34                                                                                     | -35.22        | 10.50    | 10.86 | -35.58     | -13.00      | -22.58       | H        |
| 3301.61                                                                                     | -33.47        | 12.78    | 11.57 | -32.26     | -13.00      | -19.26       | H        |
| 1651.49                                                                                     | -34.63        | 9.56     | 9.72  | -34.79     | -13.00      | -21.79       | V        |
| 2476.34                                                                                     | -33.99        | 10.50    | 10.86 | -34.35     | -13.00      | -21.35       | V        |
| 3301.61                                                                                     | -32.24        | 12.78    | 11.57 | -31.03     | -13.00      | -18.03       | V        |
| LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1673.11                                                                                     | -34.38        | 9.56     | 9.72  | -34.54     | -13.00      | -21.54       | H        |
| 2508.82                                                                                     | -35.13        | 10.50    | 10.86 | -35.49     | -13.00      | -22.49       | H        |
| 3346.23                                                                                     | -32.68        | 12.78    | 11.57 | -31.47     | -13.00      | -18.47       | H        |
| 1673.11                                                                                     | -35.20        | 9.56     | 9.72  | -35.36     | -13.00      | -22.36       | V        |
| 2508.82                                                                                     | -35.24        | 10.50    | 10.86 | -35.60     | -13.00      | -22.60       | V        |
| 3346.23                                                                                     | -31.81        | 12.78    | 11.57 | -30.60     | -13.00      | -17.60       | V        |
| LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1695.34                                                                                     | -34.45        | 9.56     | 9.72  | -34.61     | -13.00      | -21.61       | H        |
| 2542.07                                                                                     | -35.13        | 10.50    | 10.86 | -35.49     | -13.00      | -22.49       | H        |
| 3389.89                                                                                     | -33.64        | 12.78    | 11.57 | -32.43     | -13.00      | -19.43       | H        |
| 1695.34                                                                                     | -35.88        | 9.56     | 9.72  | -36.04     | -13.00      | -23.04       | V        |
| 2542.07                                                                                     | -34.07        | 10.50    | 10.86 | -34.43     | -13.00      | -21.43       | V        |
| 3389.89                                                                                     | -32.23        | 12.78    | 11.57 | -31.02     | -13.00      | -18.02       | V        |



| LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |            |             |              |          |
|---------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1653.04                                                                                     | -33.58        | 9.56     | 9.72  | -33.74     | -13.00      | -20.74       | H        |
| 2479.43                                                                                     | -35.24        | 10.50    | 10.86 | -35.60     | -13.00      | -22.60       | H        |
| 3306.92                                                                                     | -32.29        | 12.78    | 11.57 | -31.08     | -13.00      | -18.08       | H        |
| 1653.04                                                                                     | -35.42        | 9.56     | 9.72  | -35.58     | -13.00      | -22.58       | V        |
| 2479.43                                                                                     | -34.55        | 10.50    | 10.86 | -34.91     | -13.00      | -21.91       | V        |
| 3306.92                                                                                     | -32.18        | 12.78    | 11.57 | -30.97     | -13.00      | -17.97       | V        |
| LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1672.93                                                                                     | -33.73        | 9.56     | 9.72  | -33.89     | -13.00      | -20.89       | H        |
| 2509.20                                                                                     | -35.06        | 10.50    | 10.86 | -35.42     | -13.00      | -22.42       | H        |
| 3346.23                                                                                     | -32.34        | 12.78    | 11.57 | -31.13     | -13.00      | -18.13       | H        |
| 1672.93                                                                                     | -35.85        | 9.56     | 9.72  | -36.01     | -13.00      | -23.01       | V        |
| 2509.20                                                                                     | -33.82        | 10.50    | 10.86 | -34.18     | -13.00      | -21.18       | V        |
| 3346.23                                                                                     | -32.51        | 12.78    | 11.57 | -31.30     | -13.00      | -18.30       | V        |
| LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |            |             |              |          |
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1693.53                                                                                     | -33.78        | 9.56     | 9.72  | -33.94     | -13.00      | -20.94       | H        |
| 2539.45                                                                                     | -34.00        | 10.50    | 10.86 | -34.36     | -13.00      | -21.36       | H        |
| 3386.23                                                                                     | -32.76        | 12.78    | 11.57 | -31.55     | -13.00      | -18.55       | H        |
| 1693.53                                                                                     | -34.61        | 9.56     | 9.72  | -34.77     | -13.00      | -21.77       | V        |
| 2539.45                                                                                     | -34.31        | 10.50    | 10.86 | -34.67     | -13.00      | -21.67       | V        |
| 3386.23                                                                                     | -32.17        | 12.78    | 11.57 | -30.96     | -13.00      | -17.96       | V        |

| LTE Band 26(Part 90) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle |               |          |       |            |             |              |          |
|---------------------------------------------------------------------------------------------|---------------|----------|-------|------------|-------------|--------------|----------|
| Frequency(MHz)                                                                              | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea (dBm) | Limit (dBm) | Margin (dBm) | Polarity |
| 1663.19                                                                                     | -33.56        | 9.56     | 9.72  | -33.72     | -13.00      | -20.72       | H        |
| 2494.19                                                                                     | -34.18        | 10.50    | 10.86 | -34.54     | -13.00      | -21.54       | H        |
| 3325.48                                                                                     | -32.50        | 12.78    | 11.57 | -31.29     | -13.00      | -18.29       | H        |
| 1663.19                                                                                     | -35.69        | 9.56     | 9.72  | -35.85     | -13.00      | -22.85       | V        |
| 2494.19                                                                                     | -35.19        | 10.50    | 10.86 | -35.55     | -13.00      | -22.55       | V        |
| 3325.48                                                                                     | -32.27        | 12.78    | 11.57 | -31.06     | -13.00      | -18.06       | V        |



| LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5115.16                                                                            | -34.31        | 12.66    | 15.86 | -37.51        | -25.00         | -12.51          | H        |
| 7672.65                                                                            | -34.51        | 11.46    | 19.28 | -42.33        | -25.00         | -17.33          | H        |
| 10230.08                                                                           | -33.37        | 12.79    | 23.19 | -43.77        | -25.00         | -18.77          | H        |
| 5115.16                                                                            | -35.77        | 12.66    | 15.86 | -38.97        | -25.00         | -13.97          | V        |
| 7672.65                                                                            | -34.05        | 11.46    | 19.28 | -41.87        | -25.00         | -16.87          | V        |
| 10230.08                                                                           | -32.64        | 12.79    | 23.19 | -43.04        | -25.00         | -18.04          | V        |
| LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5210.14                                                                            | -34.66        | 12.72    | 15.86 | -37.80        | -25.00         | -12.80          | H        |
| 7815.31                                                                            | -34.60        | 11.46    | 19.28 | -42.42        | -25.00         | -17.42          | H        |
| 10420.31                                                                           | -32.65        | 12.09    | 23.19 | -43.75        | -25.00         | -18.75          | H        |
| 5210.14                                                                            | -35.11        | 12.72    | 15.86 | -38.25        | -25.00         | -13.25          | V        |
| 7815.31                                                                            | -34.39        | 11.46    | 19.28 | -42.21        | -25.00         | -17.21          | V        |
| 10420.31                                                                           | -32.28        | 12.09    | 23.19 | -43.38        | -25.00         | -18.38          | V        |
| LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5304.99                                                                            | -34.70        | 12.76    | 15.86 | -37.80        | -25.00         | -12.80          | H        |
| 7957.57                                                                            | -35.14        | 11.45    | 19.28 | -42.97        | -25.00         | -17.97          | H        |
| 10610.24                                                                           | -32.52        | 12.28    | 23.19 | -43.43        | -25.00         | -18.43          | H        |
| 5304.99                                                                            | -35.39        | 12.76    | 15.86 | -38.49        | -25.00         | -13.49          | V        |
| 7957.57                                                                            | -33.94        | 11.45    | 19.28 | -41.77        | -25.00         | -16.77          | V        |
| 10610.24                                                                           | -32.12        | 12.28    | 23.19 | -43.03        | -25.00         | -18.03          | V        |



| LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5119.95                                                                             | -34.74        | 12.66    | 15.86 | -37.94        | -25.00         | -12.94          | H        |
| 7679.96                                                                             | -34.49        | 11.46    | 19.28 | -42.31        | -25.00         | -17.31          | H        |
| 10240.32                                                                            | -33.64        | 12.79    | 23.19 | -44.04        | -25.00         | -19.04          | H        |
| 5119.95                                                                             | -35.20        | 12.66    | 15.86 | -38.40        | -25.00         | -13.40          | V        |
| 7679.96                                                                             | -34.61        | 11.46    | 19.28 | -42.43        | -25.00         | -17.43          | V        |
| 10240.32                                                                            | -32.35        | 12.79    | 23.19 | -42.75        | -25.00         | -17.75          | V        |
| LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5209.78                                                                             | -34.44        | 12.72    | 15.86 | -37.58        | -25.00         | -12.58          | H        |
| 7815.10                                                                             | -35.32        | 11.46    | 19.28 | -43.14        | -25.00         | -18.14          | H        |
| 10420.28                                                                            | -32.48        | 12.09    | 23.19 | -43.58        | -25.00         | -18.58          | H        |
| 5209.78                                                                             | -35.96        | 12.72    | 15.86 | -39.10        | -25.00         | -14.10          | V        |
| 7815.10                                                                             | -34.25        | 11.46    | 19.28 | -42.07        | -25.00         | -17.07          | V        |
| 10420.28                                                                            | -32.08        | 12.09    | 23.19 | -43.18        | -25.00         | -18.18          | V        |
| LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5300.18                                                                             | -34.15        | 12.76    | 15.86 | -37.25        | -25.00         | -12.25          | H        |
| 7950.16                                                                             | -34.35        | 11.45    | 19.28 | -42.18        | -25.00         | -17.18          | H        |
| 10599.89                                                                            | -32.73        | 12.28    | 23.19 | -43.64        | -25.00         | -18.64          | H        |
| 5300.18                                                                             | -34.52        | 12.76    | 15.86 | -37.62        | -25.00         | -12.62          | V        |
| 7950.16                                                                             | -34.77        | 11.45    | 19.28 | -42.60        | -25.00         | -17.60          | V        |
| 10599.89                                                                            | -32.74        | 12.28    | 23.19 | -43.65        | -25.00         | -18.65          | V        |



| LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5125.27                                                                             | -34.91        | 12.66    | 15.86 | -38.11        | -25.00         | -13.11          | H        |
| 7687.72                                                                             | -35.21        | 11.46    | 19.28 | -43.03        | -25.00         | -18.03          | H        |
| 10250.37                                                                            | -33.00        | 12.79    | 23.19 | -43.40        | -25.00         | -18.40          | H        |
| 5125.27                                                                             | -34.66        | 12.66    | 15.86 | -37.86        | -25.00         | -12.86          | V        |
| 7687.72                                                                             | -33.88        | 11.46    | 19.28 | -41.70        | -25.00         | -16.70          | V        |
| 10250.37                                                                            | -32.18        | 12.79    | 23.19 | -42.58        | -25.00         | -17.58          | V        |
| LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5209.88                                                                             | -34.38        | 12.72    | 15.86 | -37.52        | -25.00         | -12.52          | H        |
| 7814.88                                                                             | -34.65        | 11.46    | 19.28 | -42.47        | -25.00         | -17.47          | H        |
| 10420.05                                                                            | -33.58        | 12.09    | 23.19 | -44.68        | -25.00         | -19.68          | H        |
| 5209.88                                                                             | -35.34        | 12.72    | 15.86 | -38.48        | -25.00         | -13.48          | V        |
| 7814.88                                                                             | -34.32        | 11.46    | 19.28 | -42.14        | -25.00         | -17.14          | V        |
| 10420.05                                                                            | -32.60        | 12.09    | 23.19 | -43.70        | -25.00         | -18.70          | V        |
| LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5297.96                                                                             | -34.58        | 12.76    | 15.86 | -37.68        | -25.00         | -12.68          | H        |
| 7942.64                                                                             | -35.39        | 11.45    | 19.28 | -43.22        | -25.00         | -18.22          | H        |
| 10589.96                                                                            | -33.48        | 12.28    | 23.19 | -44.39        | -25.00         | -19.39          | H        |
| 5297.96                                                                             | -34.64        | 12.76    | 15.86 | -37.74        | -25.00         | -12.74          | V        |
| 7942.64                                                                             | -33.91        | 11.45    | 19.28 | -41.74        | -25.00         | -16.74          | V        |
| 10589.96                                                                            | -32.12        | 12.28    | 23.19 | -43.03        | -25.00         | -18.03          | V        |



| LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5130.03                                                                             | -34.20        | 12.66    | 15.86 | -37.40        | -25.00         | -12.40          | H        |
| 7694.86                                                                             | -34.80        | 11.46    | 19.28 | -42.62        | -25.00         | -17.62          | H        |
| 10260.11                                                                            | -33.49        | 12.79    | 23.19 | -43.89        | -25.00         | -18.89          | H        |
| 5130.03                                                                             | -35.04        | 12.66    | 15.86 | -38.24        | -25.00         | -13.24          | V        |
| 7694.86                                                                             | -34.47        | 11.46    | 19.28 | -42.29        | -25.00         | -17.29          | V        |
| 10260.11                                                                            | -32.62        | 12.79    | 23.19 | -43.02        | -25.00         | -18.02          | V        |
| LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5210.20                                                                             | -34.82        | 12.72    | 15.86 | -37.96        | -25.00         | -12.96          | H        |
| 7815.12                                                                             | -34.42        | 11.46    | 19.28 | -42.24        | -25.00         | -17.24          | H        |
| 10419.99                                                                            | -32.75        | 12.09    | 23.19 | -43.85        | -25.00         | -18.85          | H        |
| 5210.20                                                                             | -35.60        | 12.72    | 15.86 | -38.74        | -25.00         | -13.74          | V        |
| 7815.12                                                                             | -33.92        | 11.46    | 19.28 | -41.74        | -25.00         | -16.74          | V        |
| 10419.99                                                                            | -31.76        | 12.09    | 23.19 | -42.86        | -25.00         | -17.86          | V        |
| LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 5289.93                                                                             | -34.09        | 12.76    | 15.86 | -37.19        | -25.00         | -12.19          | H        |
| 7934.98                                                                             | -34.35        | 11.45    | 19.28 | -42.18        | -25.00         | -17.18          | H        |
| 10580.09                                                                            | -33.06        | 12.28    | 23.19 | -43.97        | -25.00         | -18.97          | H        |
| 5289.93                                                                             | -35.48        | 12.76    | 15.86 | -38.58        | -25.00         | -13.58          | V        |
| 7934.98                                                                             | -34.76        | 11.45    | 19.28 | -42.59        | -25.00         | -17.59          | V        |
| 10580.09                                                                            | -31.89        | 12.28    | 23.19 | -42.80        | -25.00         | -17.80          | V        |



| LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|--------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3421.47                                                                              | -34.32        | 12.90    | 12.56 | -33.98        | -13.00         | -20.98          | H        |
| 5131.90                                                                              | -34.57        | 13.10    | 16.32 | -37.79        | -13.00         | -24.79          | H        |
| 6842.46                                                                              | -32.55        | 12.33    | 21.13 | -41.35        | -13.00         | -28.35          | H        |
| 3421.47                                                                              | -35.34        | 12.90    | 12.56 | -35.00        | -13.00         | -22.00          | V        |
| 5131.90                                                                              | -34.47        | 13.10    | 16.32 | -37.69        | -13.00         | -24.69          | V        |
| 6842.46                                                                              | -33.09        | 12.33    | 21.13 | -41.89        | -13.00         | -28.89          | V        |
| LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.14                                                                              | -34.77        | 12.90    | 12.56 | -34.43        | -13.00         | -21.43          | H        |
| 5235.29                                                                              | -34.74        | 13.10    | 16.32 | -37.96        | -13.00         | -24.96          | H        |
| 6979.83                                                                              | -32.91        | 12.33    | 21.13 | -41.71        | -13.00         | -28.71          | H        |
| 3490.14                                                                              | -35.00        | 12.90    | 12.56 | -34.66        | -13.00         | -21.66          | V        |
| 5235.29                                                                              | -35.22        | 13.10    | 16.32 | -38.44        | -13.00         | -25.44          | V        |
| 6979.83                                                                              | -32.49        | 12.33    | 21.13 | -41.29        | -13.00         | -28.29          | V        |
| LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                       | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3557.87                                                                              | -33.91        | 12.90    | 12.56 | -33.57        | -13.00         | -20.57          | H        |
| 5337.01                                                                              | -35.47        | 13.10    | 16.32 | -38.69        | -13.00         | -25.69          | H        |
| 7117.18                                                                              | -32.35        | 12.33    | 21.13 | -41.15        | -13.00         | -28.15          | H        |
| 3557.87                                                                              | -34.99        | 12.90    | 12.56 | -34.65        | -13.00         | -21.65          | V        |
| 5337.01                                                                              | -34.35        | 13.10    | 16.32 | -37.57        | -13.00         | -24.57          | V        |
| 7117.18                                                                              | -32.86        | 12.33    | 21.13 | -41.66        | -13.00         | -28.66          | V        |



| LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3422.91                                                                            | -34.27        | 12.90    | 12.56 | -33.93        | -13.00         | -20.93          | H        |
| 5134.34                                                                            | -35.23        | 13.10    | 16.32 | -38.45        | -13.00         | -25.45          | H        |
| 6846.03                                                                            | -32.85        | 12.33    | 21.13 | -41.65        | -13.00         | -28.65          | H        |
| 3422.91                                                                            | -35.72        | 12.90    | 12.56 | -35.38        | -13.00         | -22.38          | V        |
| 5134.34                                                                            | -34.75        | 13.10    | 16.32 | -37.97        | -13.00         | -24.97          | V        |
| 6846.03                                                                            | -31.93        | 12.33    | 21.13 | -40.73        | -13.00         | -27.73          | V        |
| LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.17                                                                            | -34.43        | 12.90    | 12.56 | -34.09        | -13.00         | -21.09          | H        |
| 5235.09                                                                            | -34.66        | 13.10    | 16.32 | -37.88        | -13.00         | -24.88          | H        |
| 6980.22                                                                            | -33.46        | 12.33    | 21.13 | -42.26        | -13.00         | -29.26          | H        |
| 3490.17                                                                            | -34.61        | 12.90    | 12.56 | -34.27        | -13.00         | -21.27          | V        |
| 5235.09                                                                            | -34.81        | 13.10    | 16.32 | -38.03        | -13.00         | -25.03          | V        |
| 6980.22                                                                            | -32.05        | 12.33    | 21.13 | -40.85        | -13.00         | -27.85          | V        |
| LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3556.97                                                                            | -33.86        | 12.90    | 12.56 | -33.52        | -13.00         | -20.52          | H        |
| 5262.46                                                                            | -34.23        | 13.10    | 16.32 | -37.45        | -13.00         | -24.45          | H        |
| 7113.93                                                                            | -32.23        | 12.33    | 21.13 | -41.03        | -13.00         | -28.03          | H        |
| 3556.97                                                                            | -35.62        | 12.90    | 12.56 | -35.28        | -13.00         | -22.28          | V        |
| 5262.46                                                                            | -34.75        | 13.10    | 16.32 | -37.97        | -13.00         | -24.97          | V        |
| 7113.93                                                                            | -31.72        | 12.33    | 21.13 | -40.52        | -13.00         | -27.52          | V        |



| LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3425.39                                                                            | -34.83        | 12.90    | 12.56 | -34.49        | -13.00         | -21.49          | H        |
| 5137.38                                                                            | -34.44        | 13.10    | 16.32 | -37.66        | -13.00         | -24.66          | H        |
| 6850.25                                                                            | -32.70        | 12.33    | 21.13 | -41.50        | -13.00         | -28.50          | H        |
| 3425.39                                                                            | -35.14        | 12.90    | 12.56 | -34.80        | -13.00         | -21.80          | V        |
| 5137.38                                                                            | -34.33        | 13.10    | 16.32 | -37.55        | -13.00         | -24.55          | V        |
| 6850.25                                                                            | -32.89        | 12.33    | 21.13 | -41.69        | -13.00         | -28.69          | V        |
| LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.25                                                                            | -34.55        | 12.90    | 12.56 | -34.21        | -13.00         | -21.21          | H        |
| 5235.29                                                                            | -34.99        | 13.10    | 16.32 | -38.21        | -13.00         | -25.21          | H        |
| 6980.13                                                                            | -33.64        | 12.33    | 21.13 | -42.44        | -13.00         | -29.44          | H        |
| 3490.25                                                                            | -34.53        | 12.90    | 12.56 | -34.19        | -13.00         | -21.19          | V        |
| 5235.29                                                                            | -34.48        | 13.10    | 16.32 | -37.70        | -13.00         | -24.70          | V        |
| 6980.13                                                                            | -32.65        | 12.33    | 21.13 | -41.45        | -13.00         | -28.45          | V        |
| LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                     | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3557.95                                                                            | -34.43        | 12.90    | 12.56 | -34.09        | -13.00         | -21.09          | H        |
| 5234.86                                                                            | -35.37        | 13.10    | 16.32 | -38.59        | -13.00         | -25.59          | H        |
| 7110.13                                                                            | -32.28        | 12.33    | 21.13 | -41.08        | -13.00         | -28.08          | H        |
| 3557.95                                                                            | -34.85        | 12.90    | 12.56 | -34.51        | -13.00         | -21.51          | V        |
| 5234.86                                                                            | -35.22        | 13.10    | 16.32 | -38.44        | -13.00         | -25.44          | V        |
| 7110.13                                                                            | -32.94        | 12.33    | 21.13 | -41.74        | -13.00         | -28.74          | V        |



| LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3429.87                                                                             | -34.65        | 12.90    | 12.56 | -34.31        | -13.00         | -21.31          | H        |
| 5145.16                                                                             | -34.00        | 13.10    | 16.32 | -37.22        | -13.00         | -24.22          | H        |
| 6880.18                                                                             | -33.55        | 12.33    | 21.13 | -42.35        | -13.00         | -29.35          | H        |
| 3429.87                                                                             | -35.86        | 12.90    | 12.56 | -35.52        | -13.00         | -22.52          | V        |
| 5145.16                                                                             | -34.04        | 13.10    | 16.32 | -37.26        | -13.00         | -24.26          | V        |
| 6880.18                                                                             | -31.76        | 12.33    | 21.13 | -40.56        | -13.00         | -27.56          | V        |
| LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3489.89                                                                             | -33.97        | 12.90    | 12.56 | -33.63        | -13.00         | -20.63          | H        |
| 5235.10                                                                             | -35.27        | 13.10    | 16.32 | -38.49        | -13.00         | -25.49          | H        |
| 6979.97                                                                             | -33.55        | 12.33    | 21.13 | -42.35        | -13.00         | -29.35          | H        |
| 3489.89                                                                             | -36.01        | 12.90    | 12.56 | -35.67        | -13.00         | -22.67          | V        |
| 5235.10                                                                             | -35.20        | 13.10    | 16.32 | -38.42        | -13.00         | -25.42          | V        |
| 6979.97                                                                             | -32.64        | 12.33    | 21.13 | -41.44        | -13.00         | -28.44          | V        |
| LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3550.72                                                                             | -34.88        | 12.90    | 12.56 | -34.54        | -13.00         | -21.54          | H        |
| 5235.15                                                                             | -34.14        | 13.10    | 16.32 | -37.36        | -13.00         | -24.36          | H        |
| 7099.91                                                                             | -32.78        | 12.33    | 21.13 | -41.58        | -13.00         | -28.58          | H        |
| 3550.72                                                                             | -35.57        | 12.90    | 12.56 | -35.23        | -13.00         | -22.23          | V        |
| 5235.15                                                                             | -34.02        | 13.10    | 16.32 | -37.24        | -13.00         | -24.24          | V        |
| 7099.91                                                                             | -32.12        | 12.33    | 21.13 | -40.92        | -13.00         | -27.92          | V        |



| LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3435.19                                                                             | -34.73        | 12.90    | 12.56 | -34.39        | -13.00         | -21.39          | H        |
| 5152.23                                                                             | -35.02        | 13.10    | 16.32 | -38.24        | -13.00         | -25.24          | H        |
| 6870.08                                                                             | -32.44        | 12.33    | 21.13 | -41.24        | -13.00         | -28.24          | H        |
| 3435.19                                                                             | -35.84        | 12.90    | 12.56 | -35.50        | -13.00         | -22.50          | V        |
| 5152.23                                                                             | -34.67        | 13.10    | 16.32 | -37.89        | -13.00         | -24.89          | V        |
| 6870.08                                                                             | -33.17        | 12.33    | 21.13 | -41.97        | -13.00         | -28.97          | V        |
| LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.21                                                                             | -33.98        | 12.90    | 12.56 | -33.64        | -13.00         | -20.64          | H        |
| 5234.87                                                                             | -34.24        | 13.10    | 16.32 | -37.46        | -13.00         | -24.46          | H        |
| 6980.16                                                                             | -33.38        | 12.33    | 21.13 | -42.18        | -13.00         | -29.18          | H        |
| 3490.21                                                                             | -35.05        | 12.90    | 12.56 | -34.71        | -13.00         | -21.71          | V        |
| 5234.87                                                                             | -35.00        | 13.10    | 16.32 | -38.22        | -13.00         | -25.22          | V        |
| 6980.16                                                                             | -33.06        | 12.33    | 21.13 | -41.86        | -13.00         | -28.86          | V        |
| LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3544.88                                                                             | -34.67        | 12.90    | 12.56 | -34.33        | -13.00         | -21.33          | H        |
| 5332.34                                                                             | -34.87        | 13.10    | 16.32 | -38.09        | -13.00         | -25.09          | H        |
| 7090.19                                                                             | -32.70        | 12.33    | 21.13 | -41.50        | -13.00         | -28.50          | H        |
| 3544.88                                                                             | -35.46        | 12.90    | 12.56 | -35.12        | -13.00         | -22.12          | V        |
| 5332.34                                                                             | -35.05        | 13.10    | 16.32 | -38.27        | -13.00         | -25.27          | V        |
| 7090.19                                                                             | -32.58        | 12.33    | 21.13 | -41.38        | -13.00         | -28.38          | V        |



| LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest  |               |          |       |               |                |                 |          |
|-------------------------------------------------------------------------------------|---------------|----------|-------|---------------|----------------|-----------------|----------|
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3439.91                                                                             | -34.81        | 12.90    | 12.56 | -34.47        | -13.00         | -21.47          | H        |
| 5159.82                                                                             | -34.06        | 13.10    | 16.32 | -37.28        | -13.00         | -24.28          | H        |
| 6880.17                                                                             | -33.33        | 12.33    | 21.13 | -42.13        | -13.00         | -29.13          | H        |
| 3439.91                                                                             | -35.64        | 12.90    | 12.56 | -35.30        | -13.00         | -22.30          | V        |
| 5159.82                                                                             | -34.78        | 13.10    | 16.32 | -38.00        | -13.00         | -25.00          | V        |
| 6880.17                                                                             | -32.63        | 12.33    | 21.13 | -41.43        | -13.00         | -28.43          | V        |
| LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle  |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3490.27                                                                             | -33.51        | 12.90    | 12.56 | -33.17        | -13.00         | -20.17          | H        |
| 5234.82                                                                             | -34.94        | 13.10    | 16.32 | -38.16        | -13.00         | -25.16          | H        |
| 6979.98                                                                             | -33.14        | 12.33    | 21.13 | -41.94        | -13.00         | -28.94          | H        |
| 3490.27                                                                             | -35.48        | 12.90    | 12.56 | -35.14        | -13.00         | -22.14          | V        |
| 5234.82                                                                             | -33.93        | 13.10    | 16.32 | -37.15        | -13.00         | -24.15          | V        |
| 6979.98                                                                             | -33.13        | 12.33    | 21.13 | -41.93        | -13.00         | -28.93          | V        |
| LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest |               |          |       |               |                |                 |          |
| Frequency(MHz)                                                                      | S G.Lev (dBm) | Ant(dBi) | Loss  | PMea<br>(dBm) | Limit<br>(dBm) | Margin<br>(dBm) | Polarity |
| 3539.83                                                                             | -33.71        | 12.90    | 12.56 | -33.37        | -13.00         | -20.37          | H        |
| 5309.78                                                                             | -34.97        | 13.10    | 16.32 | -38.19        | -13.00         | -25.19          | H        |
| 7080.72                                                                             | -33.61        | 12.33    | 21.13 | -42.41        | -13.00         | -29.41          | H        |
| 3539.83                                                                             | -35.57        | 12.90    | 12.56 | -35.23        | -13.00         | -22.23          | V        |
| 5309.78                                                                             | -34.05        | 13.10    | 16.32 | -37.27        | -13.00         | -24.27          | V        |
| 7080.72                                                                             | -33.01        | 12.33    | 21.13 | -41.81        | -13.00         | -28.81          | V        |



#### APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

