

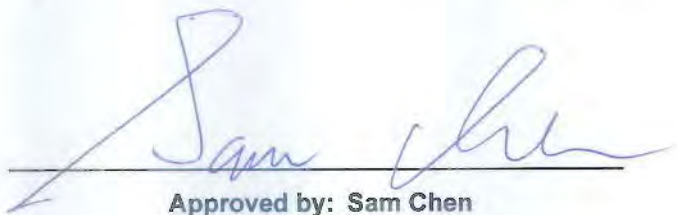


# RADIO TEST REPORT

**FCC ID** : UDX-600119010  
**Equipment** : LTE Gateway  
**Brand Name** : CISCO  
**Model Name** : MG41E-HW, MG41-HW  
**Applicant** : Cisco Systems  
170 West Tasman Drive, San Jose, CA 95134 USA  
**Manufacturer** : Cisco Systems  
170 West Tasman Drive, San Jose, CA 95134 USA  
**Standard** : 47 CFR Part 22(H), 24(E), 27

The product was received on Nov. 18, 2020, and testing was started from Nov. 27, 2020 and completed on Feb. 03, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB-A15 1 Ver1.2

## Summary of Test Result

| Report Clause | Band          | Ref Std. Clause          | Test Items                          | Result (PASS/FAIL) | Remark |
|---------------|---------------|--------------------------|-------------------------------------|--------------------|--------|
| 3.1           | 5, 18, 19, 26 | 2.1046                   | Conducted Output Power              | Reporting only     | -      |
|               | 2, 25         | 2.1046                   |                                     |                    |        |
|               | 4, 66         | 2.1046                   |                                     |                    |        |
|               | 12, 17        | 2.1046                   |                                     |                    |        |
|               | 13            | 2.1046                   |                                     |                    |        |
|               | 7, 38, 41     | 2.1046                   |                                     |                    |        |
|               | 71            | 2.1046                   |                                     |                    |        |
|               | 5, 18, 19, 26 | 22.913(a)(5)             | Effective Radiated Power            | PASS               | -      |
|               | 12, 17        | 2.1046<br>27.50(c)(1)(9) |                                     |                    |        |
|               | 13            | 2.1046<br>27.50(b)(4)(9) |                                     |                    |        |
|               | 71            | 27.50(c)(1)(10)          |                                     |                    |        |
|               | 2, 25         | 24.232(a)                | Equivalent Isotropic Radiated Power | PASS               | -      |
|               | 4, 66         | 2.1046<br>27.50(d)(2)    |                                     |                    |        |
|               | 7, 38, 41     | 2.1046<br>27.50(h)       |                                     |                    |        |
| 3.2           | 5, 18, 19, 26 | 22.913(d)                | Peak-to-Average Ratio               | PASS               | -      |
|               | 2, 25         | 24.232(d)                |                                     |                    |        |
|               | 4, 66         | 27.50(d)(5)              |                                     |                    |        |
|               | 12, 17        | -                        |                                     |                    |        |
|               | 13            | -                        |                                     |                    |        |
|               | 7, 38, 41     | -                        |                                     |                    |        |
|               | 71            | -                        |                                     |                    |        |
| 3.3           | 5, 18, 19, 26 | 2.1049                   | Occupied Bandwidth                  | PASS               | -      |
|               | 2, 25         | 2.1049                   |                                     |                    |        |
|               | 4, 66         | 2.1049                   |                                     |                    |        |
|               | 12, 17        | 2.1049                   |                                     |                    |        |
|               | 13            | 2.1049                   |                                     |                    |        |
|               | 7, 38, 41     | 2.1049                   |                                     |                    |        |
|               | 71            | 2.1049                   |                                     |                    |        |
| 3.4           | 5, 18, 19, 26 | 2.1051<br>22.917(a)      | Conducted Band Edge                 | PASS               | -      |
|               | 2, 25         | 2.1051<br>24.238(a)      |                                     |                    |        |
|               | 4, 66         | 2.1051<br>27.53(h)       |                                     |                    |        |
|               | 12, 17        | 2.1051<br>27.53(g)       |                                     |                    |        |
|               | 13            | 2.1051<br>27.53(c)       |                                     |                    |        |
|               | 7, 38, 41     | 2.1051<br>27.53(m)       |                                     |                    |        |
|               | 71            | 2.1051<br>27.53(g)       |                                     |                    |        |



|     |               |                       |                                                        |      |   |
|-----|---------------|-----------------------|--------------------------------------------------------|------|---|
| 3.5 | 5, 18, 19, 26 | 2.1051<br>22.917(a)   | Conducted Spurious<br>Emission                         | PASS | - |
|     | 2, 25         | 2.1051<br>24.238(a)   |                                                        |      |   |
|     | 4, 66         | 2.1051<br>27.53(h)    |                                                        |      |   |
|     | 12, 17        | 2.1051<br>27.53(g)    |                                                        |      |   |
|     | 13            | 2.1051<br>27.53(c)    |                                                        |      |   |
|     | 7, 38, 41     | 2.1051<br>27.53(m)    |                                                        |      |   |
|     | 71            | 2.1051<br>27.53(g)    |                                                        |      |   |
| 3.6 | 5, 18, 19, 26 | 2.1053<br>22.917(a)   | Radiated Spurious<br>Emission                          | PASS | - |
|     | 2, 25         | 2.1053<br>24.238(a)   |                                                        |      |   |
|     | 4, 66         | 2.1053<br>27.53(h)    |                                                        |      |   |
|     | 12, 17        | 2.1053<br>27.53(g)    |                                                        |      |   |
|     | 13            | 2.1053<br>27.53(c)(f) |                                                        |      |   |
|     | 7, 38, 41     | 2.1053                |                                                        |      |   |
|     | 71            | 2.1051<br>27.53(g)    |                                                        |      |   |
| 3.7 | 5, 18, 19, 26 | 2.1055<br>22.355      | Frequency Stability<br>for<br>Temperature &<br>Voltage | PASS | - |
|     | 2, 25         | 2.1055<br>24.235      |                                                        |      |   |
|     | 4, 66         | 2.1055<br>27.54       |                                                        |      |   |
|     | 12, 17        | 2.1055<br>27.54       |                                                        |      |   |
|     | 13            | 2.1055<br>27.54       |                                                        |      |   |
|     | 7, 38, 41     | 2.1055<br>27.54       |                                                        |      |   |
|     | 71            | 2.1055<br>27.54       |                                                        |      |   |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Sam Chen**

**Report Producer: Wendy Pan**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Items              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUT Power Type     | From power adapter or PoE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EUT Type           | <input type="checkbox"/> Base Station<br><input checked="" type="checkbox"/> Mobile Station<br><input type="checkbox"/> Indoor<br><input type="checkbox"/> Outdoor                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| TX Frequency (MHz) | WCDMA Band 2: 1852.4 ~ 1907.6<br>WCDMA Band 4: 1712.4 ~ 1752.6<br>WCDMA Band 5: 826.4 ~ 846.6<br>LTE Band 2: 1850.7 ~ 1909.3<br>LTE Band 4: 1710.7 ~ 1754.3<br>LTE Band 5: 824.7 ~ 848.3<br>LTE Band 7: 2502.5 ~ 2567.5<br>LTE Band 12: 699.7 ~ 715.3<br>LTE Band 13: 779.5 ~ 784.5<br>LTE Band 17: 706.5 ~ 713.5<br>LTE Band 18: 826.5 ~ 827.5<br>LTE Band 19: 832.5 ~ 842.5<br>LTE Band 25: 1850.7 ~ 1914.3<br>LTE Band 26: 824.7 ~ 848.3<br>LTE Band 38: 2572.5 ~ 2617.5<br>LTE Band 41: 2498.5 ~ 2687.5<br>LTE Band 66: 1710.7 ~ 1779.3<br>LTE Band 71: 665.5 ~ 695.5                           |
| RX Frequency (MHz) | WCDMA Band 2: 1932.4 ~ 1987.6<br>WCDMA Band 4: 2112.4 ~ 2152.6<br>WCDMA Band 5: 871.4 ~ 891.6<br>LTE Band 2: 1930.7 ~ 1989.3<br>LTE Band 4: 2110.7 ~ 2154.3<br>LTE Band 5: 869.7 ~ 893.3<br>LTE Band 7: 2622.5 ~ 2687.5<br>LTE Band 12: 729.7 ~ 745.3<br>LTE Band 13: 748.5 ~ 753.5<br>LTE Band 17: 736.5 ~ 743.5<br>LTE Band 18: 871.5 ~ 872.5<br>LTE Band 19: 877.5 ~ 887.5<br>LTE Band 25: 1930.7 ~ 1994.3<br>LTE Band 26: 869.7 ~ 893.3<br>LTE Band 29: 717 ~ 728<br>LTE Band 38: 2572.5 ~ 2617.5<br>LTE Band 41: 2498.5 ~ 2687.5<br>LTE Band 66: 2110.7 ~ 2199.3<br>LTE Band 71: 619.5 ~ 649.5 |



|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bandwidth (MHz)              | WCDMA Band 2: 5<br>WCDMA Band 4: 5<br>WCDMA Band 5: 5<br>LTE Band 2: 1.4 / 3 / 5 / 10 / 15 / 20<br>LTE Band 4: 1.4 / 3 / 5 / 10 / 15 / 20<br>LTE Band 5: 1.4 / 3 / 5 / 10<br>LTE Band 7: 5 / 10 / 15 / 20<br>LTE Band 12: 1.4 / 3 / 5 / 10<br>LTE Band 13: 5 / 10<br>LTE Band 17: 5 / 10<br>LTE Band 18: 5<br>LTE Band 19: 5 / 10 / 15<br>LTE Band 25: 1.4 / 3 / 5 / 10 / 15 / 20<br>LTE Band 26: 1.4 / 3 / 5 / 10 / 15<br>LTE Band 38: 5 / 10 / 15 / 20<br>LTE Band 41: 5 / 10 / 15 / 20<br>LTE Band 66: 1.4 / 3 / 5 / 10 / 15 / 20<br>LTE Band 71: 5 / 10 / 15 / 20 |
| CA Band                      | LTE Inter Band: CA_2A-5A, CA_2A-12A, CA_2A-13A,CA_4A-7A,<br>CA_4A-12A, CA_4A-13A, 5A-66A<br>LTE Intra Band : CA_5A CA_7A, CA_38A, CA_41A                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Type of Modulation           | WCDMA: QPSK<br>HSDPA: QPSK<br>HSUPA: QPSK<br>LTE: QPSK / 16QAM / 64QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RF Test Tool Software of EUT | DOS [ver 6.1.7601]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Note: The above information was declared by manufacturer.


**1.1.2 Antenna Information**

| Set | Ant. | Port            |      | Brand | Model Name  | Type   | Connector    | Antenna Gain (dBi) | Remark   |
|-----|------|-----------------|------|-------|-------------|--------|--------------|--------------------|----------|
| 1   | 1    | 1, Primary #0   |      | CISCO | N/A         | PIFA   | I-PEX        | Note 1             | Internal |
|     | 2    | 2, Primary #1   |      | CISCO | N/A         | PIFA   | I-PEX        |                    |          |
|     | 3    | 3, Secondary #0 |      | CISCO | N/A         | PIFA   | I-PEX        |                    |          |
|     | 4    | 4, Secondary #1 |      | CISCO | N/A         | PIFA   | I-PEX        |                    |          |
| Set | Ant. | Port            |      | Brand | Model Name  | Type   | Connector    | Antenna Gain (dBi) | Remark   |
| 2   | 1    | 1, Primary #0   | Up   | CISCO | MA-ANT-C1-A | Dipole | Reversed-SMA | Note 1             | External |
|     | 2    | 2, Secondary #1 | Up   | CISCO | MA-ANT-C1-A | Dipole | Reversed-SMA |                    |          |
|     | 3    | 3, Primary #1   | Down | CISCO | MA-ANT-C1-A | Dipole | Reversed-SMA |                    |          |
|     | 4    | 4, Secondary #0 | Down | CISCO | MA-ANT-C1-A | Dipole | Reversed-SMA |                    |          |
| 3   | 1    | 1, Primary #0   | Up   | CISCO | MA-ANT-C1-B | Panel  | Reversed-SMA |                    | External |
|     | 2    | 2, Secondary #1 | Up   | CISCO | MA-ANT-C1-B | Panel  | Reversed-SMA |                    |          |
|     | 3    | 3, Primary #1   | Down | CISCO | MA-ANT-C1-B | Panel  | Reversed-SMA |                    |          |
|     | 4    | 4, Secondary #0 | Down | CISCO | MA-ANT-C1-B | Panel  | Reversed-SMA |                    |          |





Note1:

| Set | Band         | Port                 | Antenna Gain (dBi) | Remark                                                                          |
|-----|--------------|----------------------|--------------------|---------------------------------------------------------------------------------|
| 1   | WCDMA Band 2 | 1, Primary #0 TX, RX | 2.81               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 2.03               |                                                                                 |
|     | WCDMA Band 4 | 1, Primary #0 TX, RX | 2.48               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 2.59               |                                                                                 |
|     | WCDMA Band 5 | 1, Primary #0 TX, RX | 1.04               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 0.98               |                                                                                 |
|     | LTE Band 2   | 1, Primary #0 TX, RX | 2.81               | 1TX/2RX: Port 1 (TX) / Port 1, 3 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Primary #1 RX     | 2.96               |                                                                                 |
|     |              | 3, Secondary #0 RX   | 2.03               |                                                                                 |
|     |              | 4, Secondary #1 RX   | 2.09               |                                                                                 |
|     | LTE Band 4   | 1, Primary #0 TX, RX | 2.48               | 1TX/2RX: Port 1 (TX) / Port 1, 3 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Primary #1 RX     | 1.50               |                                                                                 |
|     |              | 3, Secondary #0 RX   | 2.59               |                                                                                 |
|     |              | 4, Secondary #1 RX   | 2.09               |                                                                                 |
|     | LTE Band 5   | 1, Primary #0 TX, RX | 1.04               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 0.98               |                                                                                 |
|     | LTE Band 7   | 2, Primary #1 TX, RX | 2.67               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #1 RX   | 1.82               |                                                                                 |
|     | LTE Band 12  | 1, Primary #0 TX, RX | 1.91               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 1.02               |                                                                                 |
|     | LTE Band 13  | 1, Primary #0 TX, RX | 1.33               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 1.02               |                                                                                 |
|     | LTE Band 17  | 1, Primary #0 TX, RX | 1.91               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 0.78               |                                                                                 |
|     | LTE Band 18  | 1, Primary #0 TX, RX | 1.14               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 1.12               |                                                                                 |
|     | LTE Band 19  | 1, Primary #0 TX, RX | 1.04               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 0.98               |                                                                                 |
|     | LTE Band 25  | 1, Primary #0 TX, RX | 2.81               | 1TX/2RX: Port 1 (TX) / Port 1, 3 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Primary #1 RX     | 2.96               |                                                                                 |
|     |              | 3, Secondary #0 RX   | 2.03               |                                                                                 |
|     |              | 4, Secondary #1 RX   | 2.09               |                                                                                 |
|     | LTE Band 26  | 1, Primary #0 TX, RX | 1.14               | 1TX/2RX                                                                         |
|     |              | 3, Secondary #0 RX   | 1.12               |                                                                                 |
|     | LTE Band 38  | 2, Primary #1 TX, RX | 2.67               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #1 RX   | 1.77               |                                                                                 |



| Set | Band        | Port                 | Antenna Gain (dBi) | Remark                                                                          |
|-----|-------------|----------------------|--------------------|---------------------------------------------------------------------------------|
| 1   | LTE Band 41 | 1, Primary #0 RX     | 2.61               | 1TX/2RX: Port 2 (TX) / Port 2, 4 (RX)<br>1TX/4RX: Port 2 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Primary #1 TX, RX | 2.67               |                                                                                 |
|     |             | 3, Secondary #0 RX   | 2.85               |                                                                                 |
|     |             | 4, Secondary #1 RX   | 1.82               |                                                                                 |
|     | LTE Band 66 | 1, Primary #0 TX, RX | 2.48               | 1TX/2RX: Port 1 (TX) / Port 1, 3 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Primary #1 RX     | 1.50               |                                                                                 |
|     |             | 3, Secondary #0 RX   | 2.86               |                                                                                 |
|     |             | 4, Secondary #1 RX   | 2.09               |                                                                                 |
|     | LTE Band 71 | 1, Primary #0 TX, RX | 1.80               | 1TX/2RX                                                                         |
|     |             | 3, Secondary #0 RX   | 1.02               |                                                                                 |



| Set | Band         | Port                 |      | Antenna Gain (dBi) | Cable Loss (dB) | True Gain (dBi) | Remark                                                                          |
|-----|--------------|----------------------|------|--------------------|-----------------|-----------------|---------------------------------------------------------------------------------|
| 2   | WCDMA Band 2 | 1, Primary #0 TX, RX | Up   | 1.6                | 0.6             | 1.0             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.40               | 0.6             | 1.8             |                                                                                 |
|     | WCDMA Band 4 | 1, Primary #0 TX, RX | Up   | 2.10               | 0.6             | 1.5             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.00               | 0.6             | 1.4             |                                                                                 |
|     | WCDMA Band 5 | 1, Primary #0 TX, RX | Up   | 1.50               | 0.6             | 0.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.40               | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 2   | 1, Primary #0 TX, RX | Up   | 1.6                | 0.6             | 1.0             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 1.4                | 0.7             | 0.7             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 2.40               | 0.9             | 1.5             |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 2.40               | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 4   | 1, Primary #0 TX, RX | Up   | 2.10               | 0.6             | 1.5             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 1.8                | 0.7             | 1.1             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 1.0                | 0.9             | 0.1             |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 2.00               | 0.6             | 1.4             |                                                                                 |
|     | LTE Band 5   | 1, Primary #0 TX, RX | Up   | 1.50               | 0.6             | 0.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.40               | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 7   | 2, Secondary #1 RX   | Up   | 0.80               | 0.7             | 0.1             | 1TX/2RX                                                                         |
|     |              | 3, Primary #1 TX, RX | Down | 2.80               | 0.9             | 1.9             |                                                                                 |
|     | LTE Band 12  | 1, Primary #0 TX, RX | Up   | 1.20               | 0.6             | 0.6             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 1.80               | 0.6             | 1.2             |                                                                                 |
|     | LTE Band 13  | 1, Primary #0 TX, RX | Up   | 0.9                | 0.6             | 0.3             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 1.7                | 0.6             | 1.1             |                                                                                 |
|     | LTE Band 17  | 1, Primary #0 TX, RX | Up   | 1.20               | 0.6             | 0.6             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 1.80               | 0.6             | 1.2             |                                                                                 |
|     | LTE Band 18  | 1, Primary #0 TX, RX | Up   | 1.50               | 0.6             | 0.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.4                | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 19  | 1, Primary #0 TX, RX | Up   | 1.50               | 0.6             | 0.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.4                | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 25  | 1, Primary #0 TX, RX | Up   | 1.60               | 0.6             | 1.0             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 1.40               | 0.7             | 0.7             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 2.40               | 0.9             | 1.5             |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 2.50               | 0.6             | 1.9             |                                                                                 |
|     | LTE Band 26  | 1, Primary #0 TX, RX | Up   | 1.50               | 0.6             | 0.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 2.40               | 0.6             | 1.8             |                                                                                 |
|     | LTE Band 38  | 2, Secondary #1 RX   | Up   | 0.80               | 0.7             | 0.1             | 1TX/2RX                                                                         |
|     |              | 3, Primary #1 TX, RX | Down | 1.40               | 0.9             | 0.5             |                                                                                 |



| Set | Band        | Port                 |      | Antenna Gain (dBi) | Cable Loss (dB) | True Gain (dBi) | Remark                                                                          |
|-----|-------------|----------------------|------|--------------------|-----------------|-----------------|---------------------------------------------------------------------------------|
| 2   | LTE Band 41 | 1, Primary #0 RX     | Up   | 2.90               | 0.6             | 2.3             | 1TX/2RX: Port 3 (TX) / Port 2, 3 (RX)<br>1TX/4RX: Port 3 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Secondary #1 RX   | Up   | 0.80               | 0.7             | 0.1             |                                                                                 |
|     |             | 3, Primary #1 TX, RX | Down | 2.90               | 0.9             | 2               |                                                                                 |
|     |             | 4, Secondary #0 RX   | Down | 2.90               | 0.6             | 2.3             |                                                                                 |
|     | LTE Band 66 | 1, Primary #0 TX, RX | Up   | 2.1                | 0.6             | 1.5             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Secondary #1 RX   | Up   | 1.80               | 0.7             | 1.1             |                                                                                 |
|     |             | 3, Primary #1 RX     | Down | 1.50               | 0.9             | 0.6             |                                                                                 |
|     |             | 4, Secondary #0 RX   | Down | 2.00               | 0.6             | 1.4             |                                                                                 |
|     | LTE Band 71 | 1, Primary #0 TX, RX | Up   | 0.90               | 0.6             | 0.3             | 1TX/2RX                                                                         |
|     |             | 4, Secondary #0 RX   | Down | 1.70               | 0.6             | 1.1             |                                                                                 |



| Set | Band         | Port                 |      | Antenna Gain (dBi) | Cable Loss (dB) | True Gain (dBi) | Remark                                                                          |
|-----|--------------|----------------------|------|--------------------|-----------------|-----------------|---------------------------------------------------------------------------------|
| 3   | WCDMA Band 2 | 1, Primary #0 TX, RX | Up   | 9.0                | 0.6             | 8.4             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 8.6                | 0.6             | 8               |                                                                                 |
|     | WCDMA Band 4 | 1, Primary #0 TX, RX | Up   | 5.9                | 0.6             | 5.3             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 8.3                | 0.6             | 7.7             |                                                                                 |
|     | WCDMA Band 5 | 1, Primary #0 TX, RX | Up   | 4.6                | 0.6             | 4               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 4.9                | 0.6             | 4.3             |                                                                                 |
|     | LTE Band 2   | 1, Primary #0 TX, RX | Up   | 9.0                | 0.6             | 8.4             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 8.6                | 0.7             | 7.9             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 9.0                | 0.9             | 8.1             |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 8.6                | 0.6             | 8               |                                                                                 |
|     | LTE Band 4   | 1, Primary #0 TX, RX | Up   | 5.9                | 0.6             | 5.3             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 8.3                | 0.7             | 7.6             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 5.9                | 0.9             | 5               |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 8.3                | 0.6             | 7.7             |                                                                                 |
|     | LTE Band 5   | 1, Primary #0 TX, RX | Up   | 4.6                | 0.6             | 4               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 4.9                | 0.6             | 4.3             |                                                                                 |
|     | LTE Band 7   | 2, Secondary #1 RX   | Up   | 8.2                | 0.7             | 7.5             | 1TX/2RX                                                                         |
|     |              | 3, Primary #1 TX, RX | Down | 7.8                | 0.9             | 6.9             |                                                                                 |
|     | LTE Band 12  | 1, Primary #0 TX, RX | Up   | 3.6                | 0.6             | 3               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 4.3                | 0.6             | 3.7             |                                                                                 |
|     | LTE Band 13  | 1, Primary #0 TX, RX | Up   | 6.1                | 0.6             | 5.5             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 6.5                | 0.6             | 5.9             |                                                                                 |
|     | LTE Band 17  | 1, Primary #0 TX, RX | Up   | 3.60               | 0.6             | 3               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 4.30               | 0.6             | 3.7             |                                                                                 |
|     | LTE Band 18  | 1, Primary #0 TX, RX | Up   | 5.5                | 0.6             | 4.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 5.9                | 0.6             | 5.3             |                                                                                 |
|     | LTE Band 19  | 1, Primary #0 TX, RX | Up   | 4.6                | 0.6             | 4               | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 4.9                | 0.6             | 4.3             |                                                                                 |
|     | LTE Band 25  | 1, Primary #0 TX, RX | Up   | 9.0                | 0.6             | 8.4             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |              | 2, Secondary #1 RX   | Up   | 8.6                | 0.7             | 7.9             |                                                                                 |
|     |              | 3, Primary #1 RX     | Down | 9.0                | 0.9             | 8.1             |                                                                                 |
|     |              | 4, Secondary #0 RX   | Down | 8.6                | 0.6             | 8               |                                                                                 |
|     | LTE Band 26  | 1, Primary #0 TX, RX | Up   | 5.5                | 0.6             | 4.9             | 1TX/2RX                                                                         |
|     |              | 4, Secondary #0 RX   | Down | 5.9                | 0.6             | 5.3             |                                                                                 |
|     | LTE Band 38  | 2, Secondary #1 RX   | Up   | 8.2                | 0.7             | 7.5             | 1TX/2RX                                                                         |
|     |              | 3, Primary #1 TX, RX | Down | 7.8                | 0.9             | 6.9             |                                                                                 |

| Set | Band        | Port                 |      | Antenna Gain (dBi) | Cable Loss (dB) | True Gain (dBi) | Remark                                                                          |
|-----|-------------|----------------------|------|--------------------|-----------------|-----------------|---------------------------------------------------------------------------------|
| 3   | LTE Band 41 | 1, Primary #0 RX     | Up   | 7.8                | 0.6             | 7.2             | 1TX/2RX: Port 3 (TX) / Port 2, 3 (RX)<br>1TX/4RX: Port 3 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Secondary #1 RX   | Up   | 8.2                | 0.7             | 7.5             |                                                                                 |
|     |             | 3, Primary #1 TX, RX | Down | 7.8                | 0.9             | 6.9             |                                                                                 |
|     |             | 4, Secondary #0 RX   | Down | 8.2                | 0.6             | 7.6             |                                                                                 |
|     | LTE Band 66 | 1, Primary #0 TX, RX | Up   | 7.2                | 0.6             | 6.6             | 1TX/2RX: Port 1 (TX) / Port 1, 4 (RX)<br>1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX) |
|     |             | 2, Secondary #1 RX   | Up   | 8.6                | 0.7             | 7.9             |                                                                                 |
|     |             | 3, Primary #1 RX     | Down | 7.2                | 0.9             | 6.3             |                                                                                 |
|     |             | 4, Secondary #0 RX   | Down | 8.6                | 0.6             | 8               |                                                                                 |
|     | LTE Band 71 | 1, Primary #0 TX, RX | Up   | 3.3                | 0.6             | 2.7             | 1TX/2RX                                                                         |
|     |             | 4, Secondary #0 RX   | Down | 4.0                | 0.6             | 3.4             |                                                                                 |

Note: The above information was declared by manufacturer.

For conducted test, only the highest antenna gain has been tested and recorded in the test report.

For radiated test, set 1 ~ set 3 antenna has been tested and recorded in the test report.



### 1.1.3 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

| EUT   | Model Name | Antenna                                                                                                                   |
|-------|------------|---------------------------------------------------------------------------------------------------------------------------|
| EUT 1 | MG41-HW    | Internal antenna                                                                                                          |
| EUT 2 | MG41E-HW   | External antenna<br>(Equip with the below combination of antenna:<br>1. Set 2 antenna<br>2. Set 3 up + Set 3 down antenna |

Note: The above information was declared by manufacturer.

**1.1.4 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator**

| LTE  |                 |                    |                    |                      |       |                |       |                 |         |                              |                     |                           |
|------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|---------|------------------------------|---------------------|---------------------------|
| Band | Bandwidth (MHz) | TX Frequency (MHz) | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |       | Max. EIRP Power |         | 99% Occupied Bandwidth (MHz) | Emission Designator | Frequency Tolerance (ppm) |
|      |                 |                    |                    | (dBm)                | (W)   | (dBm)          | (W)   | (dBm)           | (W)     |                              |                     |                           |
| 2    | 5               | 1852.4 ~ 1907.6    | QPSK               | 22.94                | 0.197 | -              | -     | 31.34           | 1.361   | 4.148                        | 4M15F9W             | 0.0096                    |
| 4    | 5               | 1712.4 ~ 1752.6    | QPSK               | 23.43                | 0.220 | -              | -     | 28.73           | 0.74645 | 4.142                        | 4M14F9W             | -0.0014                   |
| 5    | 5               | 826.4 ~ 846.6      | QPSK               | 23.66                | 0.232 | 27.66          | 0.583 | -               | -       | 4.135                        | 4M14F9W             | -0.00059                  |



| LTE  |                 |                    |                    |                      |       |                |     |                 |       |                              |                     |                           |
|------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-----|-----------------|-------|------------------------------|---------------------|---------------------------|
| Band | Bandwidth (MHz) | TX Frequency (MHz) | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |     | Max. EIRP Power |       | 99% Occupied Bandwidth (MHz) | Emission Designator | Frequency Tolerance (ppm) |
|      |                 |                    |                    | (dBm)                | (W)   | (dBm)          | (W) | (dBm)           | (W)   |                              |                     |                           |
| 2    | 1.4             | 1850.7 ~ 1909.3    | QPSK               | 22.02                | 0.159 | -              | -   | 30.42           | 1.102 | 1.086                        | 1M09G7D             | 0.0069                    |
|      |                 |                    | 16QAM              | 21.15                | 0.130 | -              | -   | 29.55           | 0.902 | 1.084                        | 1M08W7D             |                           |
|      |                 |                    | 64QAM              | 21.07                | 0.128 | -              | -   | 29.47           | 0.885 | 1.084                        | 1M08W7D             |                           |
|      | 3               | 1851.5 ~ 1908.5    | QPSK               | 22.14                | 0.164 | -              | -   | 30.54           | 1.132 | 2.684                        | 2M68G7D             |                           |
|      |                 |                    | 16QAM              | 21.38                | 0.137 | -              | -   | 29.78           | 0.951 | 2.68                         | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 21.22                | 0.132 | -              | -   | 29.62           | 0.916 | 2.687                        | 2M69W7D             |                           |
|      | 5               | 1852.5 ~ 1907.5    | QPSK               | 22.05                | 0.160 | -              | -   | 30.45           | 1.109 | 4.473                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 21.31                | 0.135 | -              | -   | 29.71           | 0.935 | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 21.34                | 0.136 | -              | -   | 29.74           | 0.942 | 4.454                        | 4M45W7D             |                           |
|      | 10              | 1855.0 ~ 1905.0    | QPSK               | 22.13                | 0.163 | -              | -   | 30.53           | 1.130 | 8.958                        | 8M96G7D             |                           |
|      |                 |                    | 16QAM              | 21.33                | 0.136 | -              | -   | 29.73           | 0.940 | 8.946                        | 8M95W7D             |                           |
|      |                 |                    | 64QAM              | 21.27                | 0.134 | -              | -   | 29.67           | 0.927 | 8.958                        | 8M96W7D             |                           |
|      | 15              | 1857.5 ~ 1902.5    | QPSK               | 22.28                | 0.169 | -              | -   | 30.68           | 1.169 | 13.418                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 21.49                | 0.141 | -              | -   | 29.89           | 0.975 | 13.418                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 21.54                | 0.143 | -              | -   | 29.94           | 0.986 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 1860.0 ~ 1900.0    | QPSK               | 22.30                | 0.170 | -              | -   | 30.70           | 1.175 | 17.866                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 21.44                | 0.139 | -              | -   | 29.84           | 0.964 | 17.891                       | 17M9W7D             |                           |
|      |                 |                    | 64QAM              | 21.43                | 0.139 | -              | -   | 29.83           | 0.962 | 17.866                       | 17M9W7D             |                           |
| 4    | 1.4             | 1710.7 ~ 1754.3    | QPSK               | 21.80                | 0.151 | -              | -   | 27.10           | 0.513 | 1.083                        | 1M08G7D             | 0.0048                    |
|      |                 |                    | 16QAM              | 20.98                | 0.125 | -              | -   | 26.28           | 0.425 | 1.086                        | 1M09W7D             |                           |
|      |                 |                    | 64QAM              | 20.13                | 0.103 | -              | -   | 25.43           | 0.349 | 1.083                        | 1M08W7D             |                           |
|      | 3               | 1711.5 ~ 1753.5    | QPSK               | 21.53                | 0.142 | -              | -   | 26.83           | 0.482 | 2.691                        | 2M69G7D             |                           |
|      |                 |                    | 16QAM              | 21.03                | 0.127 | -              | -   | 26.33           | 0.430 | 2.684                        | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 19.91                | 0.098 | -              | -   | 25.21           | 0.332 | 2.687                        | 2M69W7D             |                           |
|      | 5               | 1712.5 ~ 1752.5    | QPSK               | 22.09                | 0.162 | -              | -   | 27.39           | 0.548 | 4.467                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 21.48                | 0.141 | -              | -   | 26.78           | 0.476 | 4.46                         | 4M46W7D             |                           |
|      |                 |                    | 64QAM              | 20.50                | 0.112 | -              | -   | 25.80           | 0.380 | 4.46                         | 4M46W7D             |                           |
|      | 10              | 1715.0 ~ 1750.0    | QPSK               | 21.95                | 0.157 | -              | -   | 27.25           | 0.531 | 8.958                        | 8M96G7D             |                           |
|      |                 |                    | 16QAM              | 21.36                | 0.137 | -              | -   | 26.66           | 0.463 | 8.946                        | 8M95W7D             |                           |
|      |                 |                    | 64QAM              | 20.58                | 0.114 | -              | -   | 25.88           | 0.387 | 8.946                        | 8M95W7D             |                           |
|      | 15              | 1717.5 ~ 1747.5    | QPSK               | 22.01                | 0.159 | -              | -   | 27.31           | 0.538 | 13.418                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 21.25                | 0.133 | -              | -   | 26.55           | 0.452 | 13.437                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 20.33                | 0.108 | -              | -   | 25.63           | 0.366 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 1720.0 ~ 1745.0    | QPSK               | 21.91                | 0.155 | -              | -   | 27.21           | 0.526 | 17.866                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 21.16                | 0.131 | -              | -   | 26.46           | 0.443 | 17.841                       | 17M8W7D             |                           |
|      |                 |                    | 64QAM              | 20.41                | 0.110 | -              | -   | 25.71           | 0.372 | 17.841                       | 17M8W7D             |                           |





| LTE  |                 |                    |                    |                      |       |                |       |                 |       |                              |                     |                           |
|------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|-------|------------------------------|---------------------|---------------------------|
| Band | Bandwidth (MHz) | TX Frequency (MHz) | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |       | Max. EIRP Power |       | 99% Occupied Bandwidth (MHz) | Emission Designator | Frequency Tolerance (ppm) |
|      |                 |                    |                    | (dBm)                | (W)   | (dBm)          | (W)   | (dBm)           | (W)   |                              |                     |                           |
| 5    | 1.4             | 824.7 ~ 848.3      | QPSK               | 22.58                | 0.181 | 24.43          | 0.277 | -               | -     | 1.086                        | 1M09G7D             | -0.0104                   |
|      |                 |                    | 16QAM              | 21.76                | 0.150 | 23.61          | 0.230 | -               | -     | 1.084                        | 1M08W7D             |                           |
|      |                 |                    | 64QAM              | 20.78                | 0.120 | 22.63          | 0.183 | -               | -     | 1.083                        | 1M08W7D             |                           |
|      | 3               | 825.5 ~ 847.5      | QPSK               | 22.70                | 0.186 | 24.55          | 0.285 | -               | -     | 2.691                        | 2M69G7D             |                           |
|      |                 |                    | 16QAM              | 21.82                | 0.152 | 23.67          | 0.233 | -               | -     | 2.684                        | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 20.84                | 0.121 | 22.69          | 0.186 | -               | -     | 2.684                        | 2M68W7D             |                           |
|      | 5               | 826.5 ~ 846.5      | QPSK               | 22.65                | 0.184 | 24.50          | 0.282 | -               | -     | 4.467                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 21.85                | 0.153 | 23.70          | 0.234 | -               | -     | 4.46                         | 4M46W7D             |                           |
|      |                 |                    | 64QAM              | 20.77                | 0.119 | 22.62          | 0.183 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      | 10              | 829.0 ~ 844.0      | QPSK               | 22.43                | 0.175 | 24.28          | 0.268 | -               | -     | 8.933                        | 8M93G7D             |                           |
|      |                 |                    | 16QAM              | 21.65                | 0.146 | 23.50          | 0.224 | -               | -     | 8.946                        | 8M95W7D             |                           |
|      |                 |                    | 64QAM              | 20.72                | 0.118 | 22.57          | 0.181 | -               | -     | 8.933                        | 8M93W7D             |                           |
| 7    | 5               | 2502.5 ~ 2567.5    | QPSK               | 22.26                | 0.168 | -              | -     | 29.16           | 0.824 | 4.46                         | 4M46G7D             | -0.0034                   |
|      |                 |                    | 16QAM              | 21.45                | 0.140 | -              | -     | 28.35           | 0.684 | 4.46                         | 4M46W7D             |                           |
|      |                 |                    | 64QAM              | 20.42                | 0.110 | -              | -     | 27.32           | 0.540 | 4.467                        | 4M47W7D             |                           |
|      | 10              | 2505 ~ 2565        | QPSK               | 22.27                | 0.169 | -              | -     | 29.17           | 0.826 | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.43                | 0.139 | -              | -     | 28.33           | 0.681 | 8.933                        | 8M93W7D             |                           |
|      |                 |                    | 64QAM              | 20.56                | 0.114 | -              | -     | 27.46           | 0.557 | 8.946                        | 8M95W7D             |                           |
|      | 15              | 2507.5 ~ 2562.5    | QPSK               | 22.31                | 0.170 | -              | -     | 29.21           | 0.834 | 13.437                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 21.55                | 0.143 | -              | -     | 28.45           | 0.700 | 13.437                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 20.58                | 0.114 | -              | -     | 27.48           | 0.560 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 2510 ~ 2560        | QPSK               | 22.48                | 0.177 | -              | -     | 29.38           | 0.867 | 17.866                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 21.71                | 0.148 | -              | -     | 28.61           | 0.726 | 17.841                       | 17M8W7D             |                           |
|      |                 |                    | 64QAM              | 20.55                | 0.114 | -              | -     | 27.45           | 0.556 | 17.866                       | 17M9W7D             |                           |
| 12   | 1.4             | 699.7 ~ 715.3      | QPSK               | 21.83                | 0.152 | 22.68          | 0.185 | -               | -     | 1.079                        | 1M08G7D             | -0.0135                   |
|      |                 |                    | 16QAM              | 21.00                | 0.126 | 21.85          | 0.153 | -               | -     | 1.083                        | 1M08W7D             |                           |
|      |                 |                    | 64QAM              | 20.20                | 0.105 | 21.05          | 0.127 | -               | -     | 1.086                        | 1M09W7D             |                           |
|      | 3               | 700.5 ~ 714.5      | QPSK               | 21.97                | 0.157 | 22.82          | 0.191 | -               | -     | 2.695                        | 2M70G7D             |                           |
|      |                 |                    | 16QAM              | 21.12                | 0.129 | 21.97          | 0.157 | -               | -     | 2.684                        | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 20.30                | 0.107 | 21.15          | 0.130 | -               | -     | 2.684                        | 2M68W7D             |                           |
|      | 5               | 701.5 ~ 713.5      | QPSK               | 21.97                | 0.157 | 22.82          | 0.191 | -               | -     | 4.467                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 21.18                | 0.131 | 22.03          | 0.160 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 20.12                | 0.103 | 20.97          | 0.125 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      | 10              | 704.0 ~ 711.0      | QPSK               | 21.93                | 0.156 | 22.78          | 0.190 | -               | -     | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.15                | 0.130 | 22.00          | 0.158 | -               | -     | 8.946                        | 8M95W7D             |                           |
|      |                 |                    | 64QAM              | 20.15                | 0.104 | 21.00          | 0.126 | -               | -     | 8.946                        | 8M95W7D             |                           |
| 13   | 5               | 779.5 ~ 784.5      | QPSK               | 22.24                | 0.167 | 25.59          | 0.362 | -               | -     | 4.46                         | 4M46G7D             | -0.0112                   |
|      |                 |                    | 16QAM              | 21.55                | 0.143 | 24.90          | 0.309 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 20.31                | 0.107 | 23.66          | 0.232 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      | 10              | 782 ~ 782          | QPSK               | 22.24                | 0.167 | 25.59          | 0.362 | -               | -     | 8.896                        | 8M90G7D             |                           |
|      |                 |                    | 16QAM              | 21.48                | 0.141 | 24.83          | 0.304 | -               | -     | 8.908                        | 8M91W7D             |                           |
|      |                 |                    | 64QAM              | 20.41                | 0.110 | 23.76          | 0.238 | -               | -     | 8.933                        | 8M93W7D             |                           |
| 17   | 5               | 706.5 ~ 713.5      | QPSK               | 22.69                | 0.186 | 23.54          | 0.226 | -               | -     | 4.454                        | 4M45G7D             | 0.0083                    |
|      |                 |                    | 16QAM              | 22.06                | 0.161 | 22.91          | 0.195 | -               | -     | 4.46                         | 4M46W7D             |                           |
|      |                 |                    | 64QAM              | 20.95                | 0.124 | 21.80          | 0.151 | -               | -     | 4.473                        | 4M47W7D             |                           |
|      | 10              | 709 ~ 711          | QPSK               | 22.81                | 0.191 | 23.66          | 0.232 | -               | -     | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.98                | 0.158 | 22.83          | 0.192 | -               | -     | 8.958                        | 8M96W7D             |                           |
|      |                 |                    | 64QAM              | 20.93                | 0.124 | 21.78          | 0.151 | -               | -     | 8.946                        | 8M95W7D             |                           |
| 18   | 5               | 826.5 ~ 827.5      | QPSK               | 23.17                | 0.207 | 25.92          | 0.391 | -               | -     | 4.473                        | 4M47G7D             | 0.0143                    |
|      |                 |                    | 16QAM              | 22.59                | 0.182 | 25.34          | 0.342 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 21.50                | 0.141 | 24.25          | 0.266 | -               | -     | 4.46                         | 4M46W7D             |                           |



| LTE  |                 |                    |                    |                      |       |                |       |                 |       |                              |                     |                           |
|------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|-------|------------------------------|---------------------|---------------------------|
| Band | Bandwidth (MHz) | TX Frequency (MHz) | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |       | Max. EIRP Power |       | 99% Occupied Bandwidth (MHz) | Emission Designator | Frequency Tolerance (ppm) |
|      |                 |                    |                    | (dBm)                | (W)   | (dBm)          | (W)   | (dBm)           | (W)   |                              |                     |                           |
| 19   | 5               | 832.5 ~ 842.5      | QPSK               | 23.46                | 0.222 | 25.31          | 0.340 | -               | -     | 4.473                        | 4M47G7D             | 0.0093                    |
|      |                 |                    | 16QAM              | 22.79                | 0.190 | 24.64          | 0.291 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 21.70                | 0.148 | 23.55          | 0.226 | -               | -     | 4.46                         | 4M46W7D             |                           |
|      | 10              | 835 ~ 840          | QPSK               | 23.45                | 0.221 | 25.30          | 0.339 | -               | -     | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 22.70                | 0.186 | 24.55          | 0.285 | -               | -     | 8.933                        | 8M93W7D             |                           |
|      |                 |                    | 64QAM              | 21.65                | 0.146 | 23.50          | 0.224 | -               | -     | 8.946                        | 8M95W7D             |                           |
|      | 15              | 837.5 ~ 837.5      | QPSK               | 23.31                | 0.214 | 25.16          | 0.328 | -               | -     | 13.362                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 22.64                | 0.184 | 24.49          | 0.281 | -               | -     | 13.418                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 21.49                | 0.141 | 23.34          | 0.216 | -               | -     | 13.4                         | 13M4W7D             |                           |
| 25   | 1.4             | 1850.7 ~ 1914.3    | QPSK               | 21.34                | 0.136 | -              | -     | 29.74           | 0.942 | 1.088                        | 1M09G7D             | 0.0062                    |
|      |                 |                    | 16QAM              | 20.53                | 0.113 | -              | -     | 28.93           | 0.782 | 1.086                        | 1M09W7D             |                           |
|      |                 |                    | 64QAM              | 19.54                | 0.090 | -              | -     | 27.94           | 0.622 | 1.088                        | 1M09W7D             |                           |
|      | 3               | 1851.5 ~ 1913.5    | QPSK               | 21.32                | 0.136 | -              | -     | 29.72           | 0.938 | 2.684                        | 2M68G7D             |                           |
|      |                 |                    | 16QAM              | 20.70                | 0.117 | -              | -     | 29.10           | 0.813 | 2.687                        | 2M69W7D             |                           |
|      |                 |                    | 64QAM              | 19.75                | 0.094 | -              | -     | 28.15           | 0.653 | 2.691                        | 2M69W7D             |                           |
|      | 5               | 1852.5 ~ 1912.5    | QPSK               | 21.41                | 0.138 | -              | -     | 29.81           | 0.957 | 4.46                         | 4M46G7D             |                           |
|      |                 |                    | 16QAM              | 20.75                | 0.119 | -              | -     | 29.15           | 0.822 | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 19.74                | 0.094 | -              | -     | 28.14           | 0.652 | 4.46                         | 4M46W7D             |                           |
|      | 10              | 1855 ~ 1910        | QPSK               | 21.62                | 0.145 | -              | -     | 30.02           | 1.005 | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 20.69                | 0.117 | -              | -     | 29.09           | 0.811 | 8.958                        | 8M96W7D             |                           |
|      |                 |                    | 64QAM              | 19.94                | 0.099 | -              | -     | 28.34           | 0.682 | 8.958                        | 8M96W7D             |                           |
|      | 15              | 1857.5 ~ 1907.5    | QPSK               | 21.60                | 0.145 | -              | -     | 30.00           | 1.000 | 13.437                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 20.99                | 0.126 | -              | -     | 29.39           | 0.869 | 13.437                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 19.69                | 0.093 | -              | -     | 28.09           | 0.644 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 1860 ~ 1902        | QPSK               | 21.51                | 0.142 | -              | -     | 29.91           | 0.979 | 17.891                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 20.75                | 0.119 | -              | -     | 29.15           | 0.822 | 17.866                       | 17M9W7D             |                           |
|      |                 |                    | 64QAM              | 19.86                | 0.097 | -              | -     | 28.26           | 0.670 | 17.841                       | 17M8W7D             |                           |
| 26   | 1.4             | 824.7 ~ 848.3      | QPSK               | 18.02                | 0.063 | 22.92          | 0.196 | -               | -     | 1.084                        | 1M08G7D             | 18.4901                   |
|      |                 |                    | 16QAM              | 18.10                | 0.065 | 23.00          | 0.200 | -               | -     | 1.086                        | 1M09W7D             |                           |
|      |                 |                    | 64QAM              | 18.05                | 0.064 | 22.95          | 0.197 | -               | -     | 1.086                        | 1M09W7D             |                           |
|      | 3               | 825.5 ~ 847.5      | QPSK               | 18.19                | 0.066 | 23.09          | 0.204 | -               | -     | 2.68                         | 2M68G7D             |                           |
|      |                 |                    | 16QAM              | 18.31                | 0.068 | 23.21          | 0.209 | -               | -     | 2.68                         | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 18.20                | 0.066 | 23.10          | 0.204 | -               | -     | 2.687                        | 2M69W7D             |                           |
|      | 5               | 826.5 ~ 846.5      | QPSK               | 18.27                | 0.067 | 23.17          | 0.207 | -               | -     | 4.467                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 18.33                | 0.068 | 23.23          | 0.210 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 18.34                | 0.068 | 23.24          | 0.211 | -               | -     | 4.473                        | 4M47W7D             |                           |
|      | 10              | 829 ~ 844          | QPSK               | 18.39                | 0.069 | 23.29          | 0.213 | -               | -     | 8.933                        | 8M93G7D             |                           |
|      |                 |                    | 16QAM              | 18.33                | 0.068 | 23.23          | 0.210 | -               | -     | 8.921                        | 8M92W7D             |                           |
|      |                 |                    | 64QAM              | 18.26                | 0.067 | 23.16          | 0.207 | -               | -     | 8.933                        | 8M93W7D             |                           |
|      | 15              | 831.5 ~ 841.5      | QPSK               | 18.30                | 0.068 | 23.20          | 0.209 | -               | -     | 13.4                         | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 18.36                | 0.069 | 23.26          | 0.212 | -               | -     | 13.418                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 18.35                | 0.068 | 23.25          | 0.211 | -               | -     | 13.4                         | 13M4W7D             |                           |
| 38   | 5               | 2572.5 ~ 2617.5    | QPSK               | 22.74                | 0.188 | -              | -     | 29.64           | 0.920 | 4.467                        | 4M47G7D             | -0.0059                   |
|      |                 |                    | 16QAM              | 22.37                | 0.173 | -              | -     | 29.27           | 0.845 | 4.473                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 21.87                | 0.154 | -              | -     | 28.77           | 0.753 | 4.46                         | 4M46W7D             |                           |
|      | 10              | 2575 ~ 2615        | QPSK               | 23.03                | 0.201 | -              | -     | 29.93           | 0.984 | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.97                | 0.157 | -              | -     | 28.87           | 0.771 | 8.933                        | 8M93W7D             |                           |
|      |                 |                    | 64QAM              | 21.16                | 0.131 | -              | -     | 28.06           | 0.640 | 8.921                        | 8M92W7D             |                           |
|      | 15              | 2577.5 ~ 2612.5    | QPSK               | 22.80                | 0.191 | -              | -     | 29.70           | 0.933 | 13.4                         | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 22.43                | 0.175 | -              | -     | 29.33           | 0.857 | 13.362                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 21.12                | 0.129 | -              | -     | 28.02           | 0.634 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 2580 ~ 2610        | QPSK               | 22.92                | 0.196 | -              | -     | 29.82           | 0.959 | 17.841                       | 17M8G7D             |                           |
|      |                 |                    | 16QAM              | 22.45                | 0.176 | -              | -     | 29.35           | 0.861 | 17.841                       | 17M8W7D             |                           |
|      |                 |                    | 64QAM              | 21.18                | 0.131 | -              | -     | 28.08           | 0.643 | 17.816                       | 17M8W7D             |                           |



| LTE  |                 |                    |                    |                      |       |                |       |                 |       |                              |                     |                           |
|------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|-------|------------------------------|---------------------|---------------------------|
| Band | Bandwidth (MHz) | TX Frequency (MHz) | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |       | Max. EIRP Power |       | 99% Occupied Bandwidth (MHz) | Emission Designator | Frequency Tolerance (ppm) |
|      |                 |                    |                    | (dBm)                | (W)   | (dBm)          | (W)   | (dBm)           | (W)   |                              |                     |                           |
| 41   | 5               | 2498.5 ~ 2687.5    | QPSK               | 22.72                | 0.187 | -              | -     | 29.92           | 0.982 | 4.467                        | 4M47G7D             | 0.0053                    |
|      |                 |                    | 16QAM              | 21.96                | 0.157 | -              | -     | 29.16           | 0.824 | 4.454                        | 4M45W7D             |                           |
|      |                 |                    | 64QAM              | 21.24                | 0.133 | -              | -     | 28.44           | 0.698 | 4.473                        | 4M47W7D             |                           |
|      | 10              | 2501 ~ 2685        | QPSK               | 22.81                | 0.191 | -              | -     | 30.01           | 1.002 | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 22.00                | 0.158 | -              | -     | 29.20           | 0.832 | 8.933                        | 8M93W7D             |                           |
|      |                 |                    | 64QAM              | 21.38                | 0.137 | -              | -     | 28.58           | 0.721 | 8.946                        | 8M95W7D             |                           |
|      | 15              | 2503.5 ~ 2682.5    | QPSK               | 23.16                | 0.207 | -              | -     | 30.36           | 1.086 | 13.4                         | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 21.96                | 0.157 | -              | -     | 29.16           | 0.824 | 13.418                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 20.94                | 0.124 | -              | -     | 28.14           | 0.652 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 2506 ~ 2680        | QPSK               | 23.33                | 0.215 | -              | -     | 30.53           | 1.130 | 17.841                       | 17M8G7D             |                           |
|      |                 |                    | 16QAM              | 22.40                | 0.174 | -              | -     | 29.60           | 0.912 | 17.816                       | 17M8W7D             |                           |
|      |                 |                    | 64QAM              | 21.11                | 0.129 | -              | -     | 28.31           | 0.678 | 17.841                       | 17M8W7D             |                           |
| 66   | 1.4             | 1710.7 ~ 1779.3    | QPSK               | 22.08                | 0.161 | -              | -     | 28.68           | 0.738 | 1.083                        | 1M08G7D             | 0.0039                    |
|      |                 |                    | 16QAM              | 21.70                | 0.148 | -              | -     | 28.30           | 0.676 | 1.086                        | 1M09W7D             |                           |
|      |                 |                    | 64QAM              | 21.01                | 0.126 | -              | -     | 27.61           | 0.577 | 1.09                         | 1M09W7D             |                           |
|      | 3               | 1711.5 ~ 1778.5    | QPSK               | 22.08                | 0.161 | -              | -     | 28.68           | 0.738 | 2.684                        | 2M68G7D             |                           |
|      |                 |                    | 16QAM              | 21.91                | 0.155 | -              | -     | 28.51           | 0.710 | 2.684                        | 2M68W7D             |                           |
|      |                 |                    | 64QAM              | 20.85                | 0.122 | -              | -     | 27.45           | 0.556 | 2.691                        | 2M69W7D             |                           |
|      | 5               | 1712.5 ~ 1777.5    | QPSK               | 22.09                | 0.162 | -              | -     | 28.69           | 0.740 | 4.473                        | 4M47G7D             |                           |
|      |                 |                    | 16QAM              | 21.86                | 0.153 | -              | -     | 28.46           | 0.701 | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 20.92                | 0.124 | -              | -     | 27.52           | 0.565 | 4.479                        | 4M48W7D             |                           |
|      | 10              | 1715.0 ~ 1775.0    | QPSK               | 22.08                | 0.161 | -              | -     | 28.68           | 0.738 | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.74                | 0.149 | -              | -     | 28.34           | 0.682 | 8.958                        | 8M96W7D             |                           |
|      |                 |                    | 64QAM              | 21.30                | 0.135 | -              | -     | 27.90           | 0.617 | 8.946                        | 8M95W7D             |                           |
|      | 15              | 1717.5 ~ 1772.5    | QPSK               | 22.09                | 0.162 | -              | -     | 28.69           | 0.740 | 13.456                       | 13M5G7D             |                           |
|      |                 |                    | 16QAM              | 21.48                | 0.141 | -              | -     | 28.08           | 0.643 | 13.418                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 20.51                | 0.112 | -              | -     | 27.11           | 0.514 | 13.418                       | 13M4W7D             |                           |
|      | 20              | 1720.0 ~ 1770.0    | QPSK               | 22.00                | 0.158 | -              | -     | 28.60           | 0.724 | 17.891                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 21.22                | 0.132 | -              | -     | 27.82           | 0.605 | 17.866                       | 17M9W7D             |                           |
|      |                 |                    | 64QAM              | 20.11                | 0.103 | -              | -     | 26.71           | 0.469 | 17.841                       | 17M8W7D             |                           |
| 71   | 5               | 665.5 ~ 695.5      | QPSK               | 22.66                | 0.185 | 23.21          | 0.209 | -               | -     | 4.467                        | 4M47G7D             | -0.0056                   |
|      |                 |                    | 16QAM              | 21.91                | 0.155 | 22.46          | 0.176 | -               | -     | 4.467                        | 4M47W7D             |                           |
|      |                 |                    | 64QAM              | 20.80                | 0.120 | 21.35          | 0.136 | -               | -     | 4.46                         | 4M46W7D             |                           |
|      | 10              | 668.0 ~ 693.0      | QPSK               | 22.75                | 0.188 | 23.30          | 0.214 | -               | -     | 8.946                        | 8M95G7D             |                           |
|      |                 |                    | 16QAM              | 21.96                | 0.157 | 22.51          | 0.178 | -               | -     | 8.946                        | 8M95W7D             |                           |
|      |                 |                    | 64QAM              | 20.92                | 0.124 | 21.47          | 0.140 | -               | -     | 8.933                        | 8M93W7D             |                           |
|      | 15              | 670.5 ~ 690.5      | QPSK               | 22.71                | 0.187 | 23.26          | 0.212 | -               | -     | 13.437                       | 13M4G7D             |                           |
|      |                 |                    | 16QAM              | 21.96                | 0.157 | 22.51          | 0.178 | -               | -     | 13.437                       | 13M4W7D             |                           |
|      |                 |                    | 64QAM              | 20.95                | 0.124 | 21.50          | 0.141 | -               | -     | 13.437                       | 13M4W7D             |                           |
|      | 20              | 673.0 ~ 688.0      | QPSK               | 22.74                | 0.188 | 23.29          | 0.213 | -               | -     | 17.866                       | 17M9G7D             |                           |
|      |                 |                    | 16QAM              | 21.92                | 0.156 | 22.47          | 0.177 | -               | -     | 17.941                       | 17M9W7D             |                           |
|      |                 |                    | 64QAM              | 20.91                | 0.123 | 21.46          | 0.140 | -               | -     | 17.891                       | 17M9W7D             |                           |



| LTE            |                 |                                    |                    |                      |       |                |       |                 |        |                              |                     |
|----------------|-----------------|------------------------------------|--------------------|----------------------|-------|----------------|-------|-----------------|--------|------------------------------|---------------------|
| Band           | Bandwidth (MHz) | TX Frequency (MHz)                 | Type of Modulation | Max. Conducted Power |       | Max. ERP Power |       | Max. EIRP Power |        | 99% Occupied Bandwidth (MHz) | Emission Designator |
|                |                 |                                    |                    | (dBm)                | (W)   | (dBm)          | (W)   | (dBm)           | (W)    |                              |                     |
| Band 5<br>2CA  | 5+10            | 826.8 ~ 836.8<br>834 ~ 844         | QPSK               | 21.10                | 0.129 | 22.95          | 0.197 | -               | -      | 13.766                       | 13M8G7D             |
|                |                 |                                    | 16QAM              | 20.17                | 0.104 | 22.02          | 0.159 | -               | -      | 13.803                       | 13M8W7D             |
|                |                 |                                    | 64QAM              | 20.17                | 0.104 | 22.02          | 0.159 | -               | -      | 13.803                       | 13M8W7D             |
|                | 10+5            | 829 ~ 839<br>836.2 ~ 846.2         | QPSK               | 21.05                | 0.127 | 22.90          | 0.195 | -               | -      | 13.841                       | 13M8G7D             |
|                |                 |                                    | 16QAM              | 20.20                | 0.105 | 22.05          | 0.160 | -               | -      | 13.841                       | 13M8W7D             |
|                |                 |                                    | 64QAM              | 20.19                | 0.104 | 22.04          | 0.160 | -               | -      | 13.859                       | 13M9W7D             |
|                | 10+10           | 829 ~ 834.1<br>838.9 ~ 844         | QPSK               | 21.12                | 0.129 | 22.97          | 0.198 | -               | -      | 18.622                       | 18M6G7D             |
|                |                 |                                    | 16QAM              | 20.16                | 0.104 | 22.01          | 0.159 | -               | -      | 18.647                       | 18M6W7D             |
|                |                 |                                    | 64QAM              | 20.20                | 0.105 | 22.05          | 0.160 | -               | -      | 18.622                       | 18M6W7D             |
| Band 7<br>2CA  | 10+20           | 2505.5 ~ 2545.6<br>2519.9 ~ 2560   | QPSK               | 21.13                | 0.130 | -              | -     | 28.03           | 0.6353 | 27.569                       | 27M6G7D             |
|                |                 |                                    | 16QAM              | 20.25                | 0.106 | -              | -     | 27.15           | 0.5188 | 27.606                       | 27M6W7D             |
|                |                 |                                    | 64QAM              | 20.28                | 0.107 | -              | -     | 27.18           | 0.5224 | 27.569                       | 27M6W7D             |
|                | 15+10           | 2507.5 ~ 2552.7<br>2519.5 ~ 2564.7 | QPSK               | 21.13                | 0.130 | -              | -     | 28.03           | 0.6353 | 23.037                       | 23M0G7D             |
|                |                 |                                    | 16QAM              | 20.26                | 0.106 | -              | -     | 27.16           | 0.5200 | 23.037                       | 23M0W7D             |
|                |                 |                                    | 64QAM              | 20.39                | 0.109 | -              | -     | 27.29           | 0.5358 | 22.975                       | 23M0W7D             |
|                | 15+15           | 2507.5 ~ 2547.5<br>2522.5 ~ 2562.5 | QPSK               | 18.98                | 0.079 | -              | -     | 25.88           | 0.3873 | 28.336                       | 28M3G7D             |
|                |                 |                                    | 16QAM              | 18.09                | 0.064 | -              | -     | 24.99           | 0.3155 | 28.223                       | 28M2W7D             |
|                |                 |                                    | 64QAM              | 17.99                | 0.063 | -              | -     | 24.89           | 0.3083 | 28.261                       | 28M3W7D             |
|                | 15+20           | 2507.8 ~ 2542.9<br>2524.9 ~ 2560   | QPSK               | 20.11                | 0.103 | -              | -     | 27.01           | 0.5023 | 32.568                       | 32M6G7D             |
|                |                 |                                    | 16QAM              | 18.01                | 0.063 | -              | -     | 24.91           | 0.3097 | 32.481                       | 32M5W7D             |
|                |                 |                                    | 64QAM              | 18.03                | 0.064 | -              | -     | 24.93           | 0.3112 | 32.438                       | 32M4W7D             |
|                | 20+10           | 2510 ~ 2550.1<br>2524 ~ 2564.5     | QPSK               | 21.08                | 0.128 | -              | -     | 27.98           | 0.6281 | 27.644                       | 27M6G7D             |
|                |                 |                                    | 16QAM              | 20.16                | 0.104 | -              | -     | 27.06           | 0.5082 | 27.681                       | 27M7W7D             |
|                |                 |                                    | 64QAM              | 20.16                | 0.104 | -              | -     | 27.06           | 0.5082 | 27.606                       | 27M6W7D             |
|                | 20+15           | 2510 ~ 2545.1<br>2527.1 ~ 2562.2   | QPSK               | 19.07                | 0.081 | -              | -     | 25.97           | 0.3954 | 32.525                       | 32M5G7D             |
|                |                 |                                    | 16QAM              | 18.76                | 0.075 | -              | -     | 25.66           | 0.3681 | 32.568                       | 32M6W7D             |
|                |                 |                                    | 64QAM              | 17.94                | 0.062 | -              | -     | 24.84           | 0.3048 | 32.568                       | 32M6W7D             |
|                | 20+20           | 2510 ~ 2540.2<br>2529.8 ~ 2560     | QPSK               | 20.88                | 0.122 | -              | -     | 27.78           | 0.5998 | 37.443                       | 37M4G7D             |
|                |                 |                                    | 16QAM              | 17.98                | 0.063 | -              | -     | 24.88           | 0.3076 | 37.393                       | 37M4W7D             |
|                |                 |                                    | 64QAM              | 17.93                | 0.062 | -              | -     | 24.83           | 0.3041 | 37.443                       | 37M4W7D             |
| Band 38<br>2CA | 15+15           | 2577.5 ~ 2597.5<br>2592.5 ~ 2612.5 | QPSK               | 14.90                | 0.031 | -              | -     | 21.80           | 0.151  | 28.036                       | 28M0G7D             |
|                |                 |                                    | 16QAM              | 14.14                | 0.026 | -              | -     | 21.04           | 0.127  | 28.111                       | 28M1W7D             |
|                |                 |                                    | 64QAM              | 13.76                | 0.024 | -              | -     | 20.66           | 0.116  | 27.999                       | 28M0W7D             |
|                | 20+20           | 2580 ~ 2590.2<br>2599.8 ~ 2610     | QPSK               | 15.98                | 0.040 | -              | -     | 22.88           | 0.194  | 37.194                       | 37M2G7D             |
|                |                 |                                    | 16QAM              | 14.97                | 0.031 | -              | -     | 21.87           | 0.154  | 37.244                       | 37M2W7D             |
|                |                 |                                    | 64QAM              | 14.95                | 0.031 | -              | -     | 21.85           | 0.153  | 37.145                       | 37M1W7D             |



| LTE            |                    |                                    |                       |                         |       |                   |     |                    |       |                                    |                        |
|----------------|--------------------|------------------------------------|-----------------------|-------------------------|-------|-------------------|-----|--------------------|-------|------------------------------------|------------------------|
| Band           | Bandwidth<br>(MHz) | TX Frequency<br>(MHz)              | Type of<br>Modulation | Max.<br>Conducted Power |       | Max.<br>ERP Power |     | Max.<br>EIRP Power |       | 99% Occupied<br>Bandwidth<br>(MHz) | Emission<br>Designator |
|                |                    |                                    |                       | (dBm)                   | (W)   | (dBm)             | (W) | (dBm)              | (W)   |                                    |                        |
| Band<br>41 2CA | 5+20               | 2499.3 ~ 2668.3<br>2511 ~ 2680     | QPSK                  | 20.07                   | 0.102 | -                 | -   | 27.27              | 0.533 | 22.568                             | 22M6G7D                |
|                |                    |                                    | 16QAM                 | 19.40                   | 0.087 | -                 | -   | 26.6               | 0.457 | 22.475                             | 22M5W7D                |
|                |                    |                                    | 64QAM                 | 19.21                   | 0.083 | -                 | -   | 26.41              | 0.438 | 22.537                             | 22M5W7D                |
|                | 10+15              | 2501.3 ~ 2670.5<br>2513.3 ~2682.5  | QPSK                  | 20.18                   | 0.104 | -                 | -   | 27.38              | 0.547 | 22.882                             | 22M9G7D                |
|                |                    |                                    | 16QAM                 | 19.26                   | 0.084 | -                 | -   | 26.46              | 0.443 | 22.882                             | 22M9W7D                |
|                |                    |                                    | 64QAM                 | 19.54                   | 0.090 | -                 | -   | 26.74              | 0.472 | 22.851                             | 22M9W7D                |
|                | 10+20              | 2501.5 ~ 2665.6<br>2515.9 ~ 2680   | QPSK                  | 20.43                   | 0.110 | -                 | -   | 27.63              | 0.579 | 27.457                             | 27M5G7D                |
|                |                    |                                    | 16QAM                 | 19.35                   | 0.086 | -                 | -   | 26.55              | 0.452 | 27.345                             | 27M3W7D                |
|                |                    |                                    | 64QAM                 | 19.34                   | 0.086 | -                 | -   | 26.54              | 0.451 | 27.382                             | 27M4W7D                |
|                | 15+10              | 2503.5 ~ 2672.7<br>2515.5 ~ 2684.7 | QPSK                  | 20.31                   | 0.107 | -                 | -   | 27.51              | 0.564 | 22.882                             | 22M9G7D                |
|                |                    |                                    | 16QAM                 | 19.36                   | 0.086 | -                 | -   | 26.56              | 0.453 | 23.006                             | 23M0W7D                |
|                |                    |                                    | 64QAM                 | 19.41                   | 0.087 | -                 | -   | 26.61              | 0.458 | 22.913                             | 22M9W7D                |
|                | 15+15              | 2503.5 ~ 2667.5<br>2518.5 ~ 2682.5 | QPSK                  | 19.60                   | 0.091 | -                 | -   | 26.8               | 0.479 | 28.148                             | 28M1G7D                |
|                |                    |                                    | 16QAM                 | 18.86                   | 0.077 | -                 | -   | 26.06              | 0.404 | 28.186                             | 28M2W7D                |
|                |                    |                                    | 64QAM                 | 18.76                   | 0.075 | -                 | -   | 25.96              | 0.394 | 28.186                             | 28M2W7D                |
|                | 15+20              | 2503.8 ~ 2662.9<br>2520.9 ~ 2680   | QPSK                  | 19.81                   | 0.096 | -                 | -   | 27.01              | 0.502 | 32.438                             | 32M4G7D                |
|                |                    |                                    | 16QAM                 | 18.58                   | 0.072 | -                 | -   | 25.78              | 0.378 | 32.351                             | 32M4W7D                |
|                |                    |                                    | 64QAM                 | 19.00                   | 0.079 | -                 | -   | 26.2               | 0.417 | 32.351                             | 32M4W7D                |
|                | 20+5               | 2506 ~ 2675<br>2517.7 ~ 2686.7     | QPSK                  | 20.93                   | 0.124 | -                 | -   | 28.13              | 0.650 | 22.755                             | 22M8G7D                |
|                |                    |                                    | 16QAM                 | 20.20                   | 0.105 | -                 | -   | 27.4               | 0.550 | 22.693                             | 22M7W7D                |
|                |                    |                                    | 64QAM                 | 20.21                   | 0.105 | -                 | -   | 27.41              | 0.551 | 22.724                             | 22M7W7D                |
|                | 20+10              | 2506 ~ 2670<br>2520.4 ~ 2684.5     | QPSK                  | 20.27                   | 0.106 | -                 | -   | 27.47              | 0.558 | 27.532                             | 27M5G7D                |
|                |                    |                                    | 16QAM                 | 19.45                   | 0.088 | -                 | -   | 26.65              | 0.462 | 27.532                             | 27M5W7D                |
|                |                    |                                    | 64QAM                 | 19.44                   | 0.088 | -                 | -   | 26.64              | 0.461 | 27.569                             | 27M6W7D                |
|                | 20+15              | 2506 ~ 2665.1<br>2523.1 ~ 2682.2   | QPSK                  | 19.86                   | 0.097 | -                 | -   | 27.06              | 0.508 | 32.438                             | 32M4G7D                |
|                |                    |                                    | 16QAM                 | 18.90                   | 0.078 | -                 | -   | 26.1               | 0.407 | 32.394                             | 32M4W7D                |
|                |                    |                                    | 64QAM                 | 18.41                   | 0.069 | -                 | -   | 25.61              | 0.364 | 32.481                             | 32M5W7D                |
|                | 20+20              | 2506 ~ 2660.2<br>2525.8 ~ 2680     | QPSK                  | 19.88                   | 0.097 | -                 | -   | 27.08              | 0.511 | 37.294                             | 37M3G7D                |
|                |                    |                                    | 16QAM                 | 18.95                   | 0.079 | -                 | -   | 26.15              | 0.412 | 37.244                             | 37M2W7D                |
|                |                    |                                    | 64QAM                 | 18.76                   | 0.075 | -                 | -   | 25.96              | 0.394 | 37.244                             | 37M2W7D                |



| Band      | Bandwidth (MHz) | TX Frequency (MHz)                         | Type of Modulation | Max. Conducted Power |        | Max. EIRP Power |        |
|-----------|-----------------|--------------------------------------------|--------------------|----------------------|--------|-----------------|--------|
|           |                 |                                            |                    | (dBm)                | (W)    | (dBm)           | (W)    |
| CA_2A_5A  | 5+5             | 2A: 1852.5 ~ 1907.5<br>5A: 826.5 ~ 846.5   | QPSK               | 21.54                | 0.143  | 29.94           | 0.986  |
|           | 5+10            | 2A: 1852.5 ~ 1907.5<br>5A: 829 ~ 844       | QPSK               | 21.50                | 0.141  | 29.90           | 0.977  |
|           | 10+5            | 2A: 1855 ~ 1905<br>5A: 826.5 ~ 846.5       | QPSK               | 21.48                | 0.141  | 29.88           | 0.973  |
|           | 10+10           | 2A: 1855 ~ 1905<br>5A: 829 ~ 844           | QPSK               | 21.53                | 0.142  | 29.93           | 0.984  |
|           | 15+5            | 2A: 1857.5 ~ 1902.5<br>5A: 826.5 ~ 846.5   | QPSK               | 21.70                | 0.148  | 30.10           | 1.023  |
|           | 20+10           | 2A: 1860 ~ 1900<br>5A: 829 ~ 844           | QPSK               | 21.70                | 0.148  | 30.10           | 1.023  |
| CA_2A_12A | 5+5             | 2A: 1852.5 ~ 1907.5<br>12A: 701.5 ~ 713.5  | QPSK               | 20.75                | 0.119  | 29.15           | 0.822  |
|           | 5+10            | 2A: 1852.5 ~ 1907.5<br>12A: 704 ~ 711      | QPSK               | 20.77                | 0.119  | 29.17           | 0.826  |
|           | 10+5            | 2A: 1855 ~ 1905<br>12A: 701.5 ~ 713.5      | QPSK               | 20.87                | 0.122  | 29.27           | 0.845  |
|           | 10+10           | 2A: 1855 ~ 1905<br>12A: 704 ~ 711          | QPSK               | 20.78                | 0.120  | 29.18           | 0.828  |
|           | 15+5            | 2A: 1857.5 ~ 1902.5<br>12A: 701.5 ~ 713.5  | QPSK               | 20.96                | 0.125  | 29.36           | 0.863  |
|           | 20+10           | 2A: 1860 ~ 1900<br>12A: 704 ~ 711          | QPSK               | 20.99                | 0.126  | 29.39           | 0.869  |
| CA_2A_13A | 5+10            | 2A: 1852.5 ~ 1907.5<br>13A: 782 ~ 782      | QPSK               | 21.19                | 0.132  | 29.59           | 0.910  |
|           | 10+10           | 2A: 1855 ~ 1905<br>13A: 782 ~ 782          | QPSK               | 21.29                | 0.135  | 29.69           | 0.931  |
|           | 20+10           | 2A: 1860 ~ 1900<br>13A: 782 ~ 782          | QPSK               | 21.38                | 0.137  | 29.78           | 0.951  |
| CA_4A_7A  | 5+5             | 4A: 1712.5 ~ 1752.5<br>7A: 2502.5 ~ 2567.5 | QPSK               | 20.83                | 0.1211 | 26.13           | 0.4102 |
|           | 5+10            | 4A: 1712.5 ~ 1752.5<br>7A: 2507.5 ~ 2562.5 | QPSK               | 20.80                | 0.1202 | 26.10           | 0.4074 |
|           | 5+15            | 4A: 1712.5 ~ 1752.5<br>7A: 2507.5 ~ 2562.5 | QPSK               | 20.78                | 0.1197 | 26.08           | 0.4055 |
|           | 10+5            | 4A: 1715 ~ 1750<br>7A: 2502.5 ~ 2567.5     | QPSK               | 20.79                | 0.1199 | 26.09           | 0.4064 |
|           | 10+10           | 4A: 1715 ~ 1750<br>7A: 2505 ~ 2565         | QPSK               | 20.86                | 0.1219 | 26.16           | 0.4130 |
|           | 10+20           | 4A: 1715 ~ 1750<br>7A: 2510 ~ 2560         | QPSK               | 20.94                | 0.1242 | 26.24           | 0.4207 |
| CA_4A_12A | 5+5             | 4A: 1712.5 ~ 1752.5<br>12A: 701.5 ~ 713.5  | QPSK               | 21.97                | 0.157  | 27.27           | 0.533  |
|           | 5+10            | 4A: 1712.5 ~ 1752.5<br>12A: 704 ~ 711      | QPSK               | 21.63                | 0.146  | 26.93           | 0.493  |
|           | 10+5            | 4A: 1715 ~ 1750<br>12A: 701.5 ~ 713.5      | QPSK               | 21.63                | 0.146  | 26.93           | 0.493  |
|           | 10+10           | 4A: 1715 ~ 1750<br>12A: 704 ~ 711          | QPSK               | 21.65                | 0.146  | 26.95           | 0.495  |
|           | 15+5            | 4A: 1717.5 ~ 1747.5<br>12A: 701.5 ~ 713.5  | QPSK               | 21.74                | 0.149  | 27.04           | 0.506  |
|           | 20+10           | 4A: 1720 ~ 1745<br>12A: 704 ~ 711          | QPSK               | 21.86                | 0.153  | 27.16           | 0.520  |



| Band      | Bandwidth<br>(MHz) | TX Frequency (MHz)                        | Type of<br>Modulation | Max.<br>Conducted Power |       | Max.<br>EIRP Power |       |
|-----------|--------------------|-------------------------------------------|-----------------------|-------------------------|-------|--------------------|-------|
|           |                    |                                           |                       | (dBm)                   | (W)   | (dBm)              | (W)   |
| CA_4A_13A | 5+10               | 4A: 1712.5 ~ 1752.5<br>13A: 782 ~ 782     | QPSK                  | 21.78                   | 0.151 | 27.08              | 0.511 |
|           | 10+10              | 4A: 1715 ~ 1750<br>13A: 782 ~ 782         | QPSK                  | 21.83                   | 0.152 | 27.13              | 0.516 |
|           | 20+10              | 4A: 1720 ~ 1745<br>13A: 782 ~ 782         | QPSK                  | 21.96                   | 0.157 | 27.26              | 0.532 |
| CA_5A_66A | 5+5                | 5A: 826.5 ~ 846.5<br>66A: 1712.5 ~ 1777.5 | QPSK                  | 21.69                   | 0.148 | 25.69              | 0.371 |
|           | 5+10               | 5A: 826.5 ~ 846.5<br>66A: 1715 ~ 1775     | QPSK                  | 21.69                   | 0.148 | 25.69              | 0.371 |
|           | 5+15               | 5A: 826.5 ~ 846.5<br>66A: 1717.5 ~ 1772.5 | QPSK                  | 21.72                   | 0.149 | 25.72              | 0.373 |
|           | 10+5               | 5A: 829 ~ 844<br>66A: 1712.5 ~ 1777.5     | QPSK                  | 21.68                   | 0.147 | 25.68              | 0.370 |
|           | 10+10              | 5A: 829 ~ 844<br>66A: 1715 ~ 1775         | QPSK                  | 21.80                   | 0.151 | 25.80              | 0.380 |
|           | 10+20              | 5A: 829 ~ 844<br>66A: 1720 ~ 1770         | QPSK                  | 21.71                   | 0.148 | 25.71              | 0.372 |





## 1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 22(H), 24(E), 27
- ANSI/TIA-603-E (2016)
- ANSI C63.26-2015
- FCC KDB 971168 D01 v03r01

The following reference test guidance is not within the scope of accreditation of TAF.

- 47 CFR FCC Part 2
- FCC KDB 412172 D01 v01r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 414788 D01 v01r01

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

## 1.3 Testing Location

| Testing Location Information                                    |                                                                                    |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|
| Test Lab. : Sporton International Inc. Hsinchu Laboratory       |                                                                                    |
| Hsinchu                                                         | ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) |
| (TAF: 3787)                                                     | TEL: 886-3-656-9065 FAX: 886-3-656-9085                                            |
| Test site Designation No. TW3787 with FCC.                      |                                                                                    |
| Conformity Assessment Body Identifier (CABID) TW3787 with ISED. |                                                                                    |

| Test Condition | Test Site No. | Test Engineer | Test Environment<br>(°C / %) | Test Date                     |
|----------------|---------------|---------------|------------------------------|-------------------------------|
| RF Conducted   | TH03-CB       | Lucas Huang   | 20.1~21.6 / 62~74            | Nov. 27, 2020 ~ Dec. 21, 2020 |
| RF Conducted   | TH03-CB       | Lucas Huang   | 20.1~21.6 / 62~74            | Feb. 03, 2021                 |
| Radiated<1GHz  | 03CH05-CB     | Stim Sung     | 24.5-25.9 / 55-58            | Dec. 24, 2020 ~ Jan. 28, 2021 |
| Radiated>1GHz  | 03CH05-CB     | Stim Sung     | 24.4-24.9 / 56-59            | Dec. 24, 2020 ~ Jan. 28, 2021 |

## 1.4 Measurement Uncertainty

| Test Items                           | Uncertainty | Remark                   |
|--------------------------------------|-------------|--------------------------|
| Radiated Emission (30MHz ~ 1,000MHz) | 5.6 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 5.0 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 4.9 dB      | Confidence levels of 95% |
| Conducted Emission                   | 2.8 dB      | Confidence levels of 95% |



## 2 Test Configuration of Equipment Under Test

### 2.1 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |                                                                                                        |                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Tests Item                                          | Conducted Output Power<br>Effective Radiated Power (ERP)<br>Equivalent Isotropic Radiated Power (EIRP) |                                                      |
| Test Condition                                      | Conducted measurement at transmit chains                                                               |                                                      |
| <b>Test Mode</b>                                    | 1                                                                                                      | EUT 2 + Set 3 antenna (WCDMA Band 2)                 |
|                                                     | 2                                                                                                      | EUT 2 + Set 3 antenna (WCDMA Band 4)                 |
|                                                     | 3                                                                                                      | EUT 2 + Set 3 antenna (WCDMA Band 5)                 |
|                                                     | 4                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 2)                   |
|                                                     | 5                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 4)                   |
|                                                     | 6                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 5)                   |
|                                                     | 7                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 7)                   |
|                                                     | 8                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 12)                  |
|                                                     | 9                                                                                                      | EUT 2 + Set 3 antenna (LTE Band 13)                  |
|                                                     | 10                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 17)                  |
|                                                     | 11                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 18)                  |
|                                                     | 12                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 19)                  |
|                                                     | 13                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 25)                  |
|                                                     | 14                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 26)                  |
|                                                     | 15                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 38)                  |
|                                                     | 16                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 41)                  |
|                                                     | 17                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 66)                  |
|                                                     | 18                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 71)                  |
|                                                     | 19                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 5_2CA)               |
|                                                     | 20                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 7_2CA)               |
|                                                     | 21                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 38_2CA)              |
|                                                     | 22                                                                                                     | EUT 2 + Set 3 antenna (LTE Band 41_2CA)              |
|                                                     | 23                                                                                                     | EUT 2 + Set 3 antenna (CA_2A5A)                      |
|                                                     | 24                                                                                                     | EUT 2 + Set 3 antenna (CA_2A12A)                     |
|                                                     | 25                                                                                                     | EUT 2 + Set 3 antenna (CA_2A13A)                     |
|                                                     | 26                                                                                                     | EUT 2 + Set 3 antenna (CA_4A7A)                      |
|                                                     | 27                                                                                                     | EUT 2 + Set 3 (4A) / Set 3 (12A) antenna (CA_4A_12A) |
|                                                     | 28                                                                                                     | EUT 2 + Set 3 (4A) / Set 3 (13A) antenna (CA_4A_13A) |
|                                                     | 29                                                                                                     | EUT 2 + Set 3 (5A) / Set 3 (66A) antenna (CA_5A_66A) |



| The Worst Case Mode for Following Conformance Tests |                                              |                                      |
|-----------------------------------------------------|----------------------------------------------|--------------------------------------|
| Tests Item                                          | Peak-to-Average Ratio<br>Frequency Stability |                                      |
| Test Condition                                      | Conducted measurement at transmit chains     |                                      |
| Test Mode                                           | 1                                            | EUT 2 + Set 3 antenna (WCDMA Band 2) |
|                                                     | 2                                            | EUT 2 + Set 3 antenna (WCDMA Band 4) |
|                                                     | 3                                            | EUT 2 + Set 3 antenna (WCDMA Band 5) |
|                                                     | 4                                            | EUT 2 + Set 3 antenna (LTE Band 2)   |
|                                                     | 5                                            | EUT 2 + Set 3 antenna (LTE Band 4)   |
|                                                     | 6                                            | EUT 2 + Set 3 antenna (LTE Band 5)   |
|                                                     | 7                                            | EUT 2 + Set 3 antenna (LTE Band 7)   |
|                                                     | 8                                            | EUT 2 + Set 3 antenna (LTE Band 12)  |
|                                                     | 9                                            | EUT 2 + Set 3 antenna (LTE Band 13)  |
|                                                     | 10                                           | EUT 2 + Set 3 antenna (LTE Band 17)  |
|                                                     | 11                                           | EUT 2 + Set 3 antenna (LTE Band 18)  |
|                                                     | 12                                           | EUT 2 + Set 3 antenna (LTE Band 19)  |
|                                                     | 13                                           | EUT 2 + Set 3 antenna (LTE Band 25)  |
|                                                     | 14                                           | EUT 2 + Set 3 antenna (LTE Band 26)  |
|                                                     | 15                                           | EUT 2 + Set 3 antenna (LTE Band 38)  |
|                                                     | 16                                           | EUT 2 + Set 3 antenna (LTE Band 41)  |
|                                                     | 17                                           | EUT 2 + Set 3 antenna (LTE Band 66)  |
|                                                     | 18                                           | EUT 2 + Set 3 antenna (LTE Band 71)  |

| The Worst Case Mode for Following Conformance Tests |                                                                          |                                         |
|-----------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------|
| Tests Item                                          | Occupied Bandwidth<br>Conducted Band Edge<br>Conducted Spurious Emission |                                         |
| Test Condition                                      | Conducted measurement at transmit chains                                 |                                         |
| Test Mode                                           | 1                                                                        | EUT 2 + Set 3 antenna (WCDMA Band 2)    |
|                                                     | 2                                                                        | EUT 2 + Set 3 antenna (WCDMA Band 4)    |
|                                                     | 3                                                                        | EUT 2 + Set 3 antenna (WCDMA Band 5)    |
|                                                     | 4                                                                        | EUT 2 + Set 3 antenna (LTE Band 2)      |
|                                                     | 5                                                                        | EUT 2 + Set 3 antenna (LTE Band 4)      |
|                                                     | 6                                                                        | EUT 2 + Set 3 antenna (LTE Band 5)      |
|                                                     | 7                                                                        | EUT 2 + Set 3 antenna (LTE Band 7)      |
|                                                     | 8                                                                        | EUT 2 + Set 3 antenna (LTE Band 12)     |
|                                                     | 9                                                                        | EUT 2 + Set 3 antenna (LTE Band 13)     |
|                                                     | 10                                                                       | EUT 2 + Set 3 antenna (LTE Band 17)     |
|                                                     | 11                                                                       | EUT 2 + Set 3 antenna (LTE Band 18)     |
|                                                     | 12                                                                       | EUT 2 + Set 3 antenna (LTE Band 19)     |
|                                                     | 13                                                                       | EUT 2 + Set 3 antenna (LTE Band 25)     |
|                                                     | 14                                                                       | EUT 2 + Set 3 antenna (LTE Band 26)     |
|                                                     | 15                                                                       | EUT 2 + Set 3 antenna (LTE Band 38)     |
|                                                     | 16                                                                       | EUT 2 + Set 3 antenna (LTE Band 41)     |
|                                                     | 17                                                                       | EUT 2 + Set 3 antenna (LTE Band 66)     |
|                                                     | 18                                                                       | EUT 2 + Set 3 antenna (LTE Band 71)     |
|                                                     | 19                                                                       | EUT 2 + Set 3 antenna (LTE Band 5_2CA)  |
|                                                     | 20                                                                       | EUT 2 + Set 3 antenna (LTE Band 7_2CA)  |
|                                                     | 21                                                                       | EUT 2 + Set 3 antenna (LTE Band 38_2CA) |
|                                                     | 22                                                                       | EUT 2 + Set 3 antenna (LTE Band 41_2CA) |

| <b>The Worst Case Mode for Following Conformance Tests</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                          | Radiated Spurious Emission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Test Condition</b>                                      | Radiated measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Operating Mode &lt; 1GHz</b>                            | <ol style="list-style-type: none"> <li>1. The EUT 1 + set 1 antenna and EUT 2 + set 3 antenna were performed at Y axis and Z axis position for Radiated Spurious Emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.</li> <li>2. The EUT 2 + set 2 antenna was performed at Y axis and Z axis position for Radiated Spurious Emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.</li> <li>3. According to maximum power for Conducted Output Power test, thus the measurement for Radiated Spurious Emission test will follow this same test configuration.</li> </ol> |
| 1                                                          | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2                                                          | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                                          | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                                          | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                                          | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6                                                          | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7                                                          | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8                                                          | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9                                                          | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12                                                         | EUT 2 in Z axis + Set 3 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 13                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 14                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15                                                         | EUT 2 in Z axis + Set 3 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 17                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 18                                                         | EUT 2 in Z axis + Set 3 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 20                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 21                                                         | EUT 2 in Z axis + Set 3 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 22                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 23                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 24                                                         | EUT 2 in Z axis + Set 3 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                         | EUT 1 in Z axis + Set 1 antenna (LTE Band 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 26                                                         | EUT 2 in Y axis + Set 2 antenna (LTE Band 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



|    |                                                   |
|----|---------------------------------------------------|
| 27 | EUT 2 in Z axis + Set 3 antenna (LTE Band 13)     |
| 28 | EUT 1 in Z axis + Set 1 antenna (LTE Band 17)     |
| 29 | EUT 2 in Y axis + Set 2 antenna (LTE Band 17)     |
| 30 | EUT 2 in Z axis + Set 3 antenna (LTE Band 17)     |
| 31 | EUT 1 in Z axis + Set 1 antenna (LTE Band 18)     |
| 32 | EUT 2 in Y axis + Set 2 antenna (LTE Band 18)     |
| 33 | EUT 2 in Z axis + Set 3 antenna (LTE Band 18)     |
| 34 | EUT 1 in Z axis + Set 1 antenna (LTE Band 19)     |
| 35 | EUT 2 in Y axis + Set 2 antenna (LTE Band 19)     |
| 36 | EUT 2 in Z axis + Set 3 antenna (LTE Band 19)     |
| 37 | EUT 1 in Z axis + Set 1 antenna (LTE Band 25)     |
| 38 | EUT 2 in Y axis + Set 2 antenna (LTE Band 25)     |
| 39 | EUT 2 in Z axis + Set 3 antenna (LTE Band 25)     |
| 40 | EUT 1 in Z axis + Set 1 antenna (LTE Band 26)     |
| 41 | EUT 2 in Y axis + Set 2 antenna (LTE Band 26)     |
| 42 | EUT 2 in Z axis + Set 3 antenna (LTE Band 26)     |
| 43 | EUT 1 in Z axis + Set 1 antenna (LTE Band 38)     |
| 44 | EUT 2 in Y axis + Set 2 antenna (LTE Band 38)     |
| 45 | EUT 2 in Z axis + Set 3 antenna (LTE Band 38)     |
| 46 | EUT 1 in Z axis + Set 1 antenna (LTE Band 41)     |
| 47 | EUT 2 in Y axis + Set 2 antenna (LTE Band 41)     |
| 48 | EUT 2 in Z axis + Set 3 antenna (LTE Band 41)     |
| 49 | EUT 1 in Z axis + Set 1 antenna (LTE Band 66)     |
| 50 | EUT 2 in Y axis + Set 2 antenna (LTE Band 66)     |
| 51 | EUT 2 in Z axis + Set 3 antenna (LTE Band 66)     |
| 52 | EUT 1 in Z axis + Set 1 antenna (LTE Band 71)     |
| 53 | EUT 2 in Y axis + Set 2 antenna (LTE Band 71)     |
| 54 | EUT 2 in Z axis + Set 3 antenna (LTE Band 71)     |
| 55 | EUT 1 in Z axis + Set 1 antenna (LTE Band 5_2CA)  |
| 56 | EUT 2 in Y axis + Set 2 antenna (LTE Band 5_2CA)  |
| 57 | EUT 2 in Z axis + Set 3 antenna (LTE Band 5_2CA)  |
| 58 | EUT 1 in Z axis + Set 1 antenna (LTE Band 7_2CA)  |
| 59 | EUT 2 in Y axis + Set 2 antenna (LTE Band 7_2CA)  |
| 60 | EUT 2 in Z axis + Set 3 antenna (LTE Band 7_2CA)  |
| 61 | EUT 1 in Z axis + Set 1 antenna (LTE Band 38_2CA) |
| 62 | EUT 2 in Y axis + Set 2 antenna (LTE Band 38_2CA) |
| 63 | EUT 2 in Z axis + Set 3 antenna (LTE Band 38_2CA) |
| 64 | EUT 1 in Z axis + Set 1 antenna (LTE Band 41_2CA) |



|                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 65                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 41_2CA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 66                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 41_2CA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| For operating mode 9 is the worst case and it was record in this test report. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Operating Mode &gt; 1GHz</b>                                               | <ol style="list-style-type: none"> <li>1. The EUT 1 + set 1 antenna and EUT 2 + set 3 antenna were performed at Y axis and Z axis position for Radiated Spurious Emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.</li> <li>2. The EUT 2 + set 2 antenna was performed at Y axis and Z axis position for Radiated Spurious Emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.</li> <li>3. According to maximum power for Conducted Output Power test, thus the measurement for Radiated Spurious Emission test will follow this same test configuration.</li> </ol> |
| 1                                                                             | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2                                                                             | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                                                             | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                                                             | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                                                             | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6                                                                             | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7                                                                             | EUT 1 in Z axis + Set 1 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8                                                                             | EUT 2 in Y axis + Set 2 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9                                                                             | EUT 2 in Z axis + Set 3 antenna (WCDMA Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 13                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 14                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 17                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 18                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 20                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 21                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 22                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 23                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 24                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25                                                                            | EUT 1 in Z axis + Set 1 antenna (LTE Band 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 26                                                                            | EUT 2 in Y axis + Set 2 antenna (LTE Band 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 27                                                                            | EUT 2 in Z axis + Set 3 antenna (LTE Band 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



|    |                                                   |
|----|---------------------------------------------------|
| 28 | EUT 1 in Z axis + Set 1 antenna (LTE Band 17)     |
| 29 | EUT 2 in Y axis + Set 2 antenna (LTE Band 17)     |
| 30 | EUT 2 in Z axis + Set 3 antenna (LTE Band 17)     |
| 31 | EUT 1 in Z axis + Set 1 antenna (LTE Band 18)     |
| 32 | EUT 2 in Y axis + Set 2 antenna (LTE Band 18)     |
| 33 | EUT 2 in Z axis + Set 3 antenna (LTE Band 18)     |
| 34 | EUT 1 in Z axis + Set 1 antenna (LTE Band 19)     |
| 35 | EUT 2 in Y axis + Set 2 antenna (LTE Band 19)     |
| 36 | EUT 2 in Z axis + Set 3 antenna (LTE Band 19)     |
| 37 | EUT 1 in Z axis + Set 1 antenna (LTE Band 25)     |
| 38 | EUT 2 in Y axis + Set 2 antenna (LTE Band 25)     |
| 39 | EUT 2 in Z axis + Set 3 antenna (LTE Band 25)     |
| 40 | EUT 1 in Z axis + Set 1 antenna (LTE Band 26)     |
| 41 | EUT 2 in Y axis + Set 2 antenna (LTE Band 26)     |
| 42 | EUT 2 in Z axis + Set 3 antenna (LTE Band 26)     |
| 43 | EUT 1 in Z axis + Set 1 antenna (LTE Band 38)     |
| 44 | EUT 2 in Y axis + Set 2 antenna (LTE Band 38)     |
| 45 | EUT 2 in Z axis + Set 3 antenna (LTE Band 38)     |
| 46 | EUT 1 in Z axis + Set 1 antenna (LTE Band 41)     |
| 47 | EUT 2 in Y axis + Set 2 antenna (LTE Band 41)     |
| 48 | EUT 2 in Z axis + Set 3 antenna (LTE Band 41)     |
| 49 | EUT 1 in Z axis + Set 1 antenna (LTE Band 66)     |
| 50 | EUT 2 in Y axis + Set 2 antenna (LTE Band 66)     |
| 51 | EUT 2 in Z axis + Set 3 antenna (LTE Band 66)     |
| 52 | EUT 1 in Z axis + Set 1 antenna (LTE Band 71)     |
| 53 | EUT 2 in Y axis + Set 2 antenna (LTE Band 71)     |
| 54 | EUT 2 in Z axis + Set 3 antenna (LTE Band 71)     |
| 55 | EUT 1 in Z axis + Set 1 antenna (LTE Band 5_2CA)  |
| 56 | EUT 2 in Y axis + Set 2 antenna (LTE Band 5_2CA)  |
| 57 | EUT 2 in Z axis + Set 3 antenna (LTE Band 5_2CA)  |
| 58 | EUT 1 in Z axis + Set 1 antenna (LTE Band 7_2CA)  |
| 59 | EUT 2 in Y axis + Set 2 antenna (LTE Band 7_2CA)  |
| 60 | EUT 2 in Z axis + Set 3 antenna (LTE Band 7_2CA)  |
| 61 | EUT 1 in Z axis + Set 1 antenna (LTE Band 38_2CA) |
| 62 | EUT 2 in Y axis + Set 2 antenna (LTE Band 38_2CA) |
| 63 | EUT 2 in Z axis + Set 3 antenna (LTE Band 38_2CA) |
| 64 | EUT 1 in Z axis + Set 1 antenna (LTE Band 41_2CA) |
| 65 | EUT 2 in Y axis + Set 2 antenna (LTE Band 41_2CA) |



|    |                                                   |
|----|---------------------------------------------------|
| 66 | EUT 2 in Z axis + Set 3 antenna (LTE Band 41_2CA) |
|----|---------------------------------------------------|





## 2.2 Accessories

| Accessories    |            |               |                                                                |
|----------------|------------|---------------|----------------------------------------------------------------|
| Equipment Name | Brand Name | Model Name    | Rating                                                         |
| Adapter        | Cisco      | MA-PWR-30W-US | INPUT:100-240Vac~50-60Hz, 0.8A MAX<br>OUTPUT: 12Vdc, 2.5A, 30W |
| Other          |            |               |                                                                |
| Bracket*1      |            |               |                                                                |

## 2.3 Support Equipment

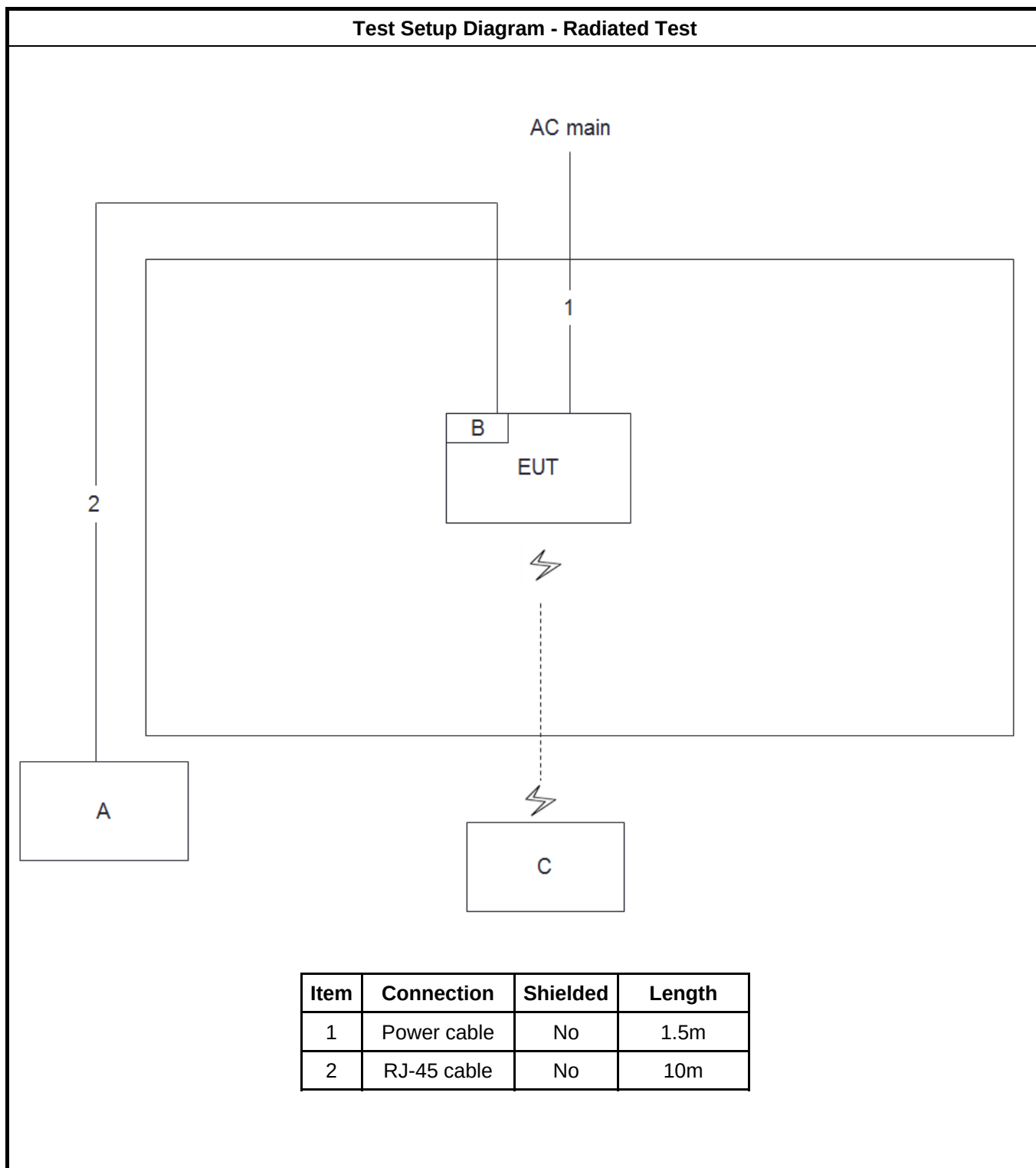
For Other test:

| Support Equipment |                  |            |            |        |
|-------------------|------------------|------------|------------|--------|
| No.               | Equipment        | Brand Name | Model Name | FCC ID |
| A                 | Notebook         | DELL       | E4300      | N/A    |
| B                 | LTE base station | R&S        | CMW500     | N/A    |
| C                 | SIM Card         | R&S        | N/A        | N/A    |

For Field Strength of Spurious Radiation test:

| Support Equipment |                  |            |            |        |
|-------------------|------------------|------------|------------|--------|
| No.               | Equipment        | Brand Name | Model Name | FCC ID |
| A                 | Notebook         | DELL       | E4300      | N/A    |
| B                 | SIM Card         | Anritsu    | N/A        | N/A    |
| C                 | LTE base station | Anritsu    | MT8820C    | N/A    |

## 2.4 Test Setup Diagram





## 2.5 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 1 dB and a 20dB attenuator.

Example:

Offset (dB) = RF cable loss (dB) + attenuator factor (dB).

$$= 1 + 20 = 21 \text{ (dB)}$$

### 3 Test Result

#### 3.1 Conducted Output Power and ERP/EIRP Measurement

##### 3.1.1 Description of the Conducted Output Power and ERP/EIRP Measurement

| FCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conducted Output Power Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                  |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                  |
| Effective Radiated Power (ERP) Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                  |
| Band 5, 18, 19, 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Base Station: 500 Watts<br>Mobile Station: 7 Watts                                                                                                                                               |
| Band 12, 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Base Station: 1000 Watts<br>Mobile Station: 30 Watts                                                                                                                                             |
| Band 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                  |
| Band 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Base Station: 1000 Watts<br>Mobile Station: 30 Watts                                                                                                                                             |
| Equivalent Isotropic Radiated Power (EIRP) Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                  |
| Band 2, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Base Station: 1640 Watts<br>Mobile Station: 2 Watts                                                                                                                                              |
| Band 4, 66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Base Station: 1640 Watts<br>Mobile Station: 1 Watts                                                                                                                                              |
| Band 7, 38, 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Base Station: 33 dBW + 10 log(X/Y) dBW + 10 log(360/beamwidth) dBW,<br>where X=ChBW(MHz), Y=5.5(B and T channel) or 6(M channel) MHz<br>Mobile Station: 2 Watts<br>Fixed Subscriber Station: N/A |
| <p>Note 1: 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.</p> <p>Note 2: According to FCC KDB 412172 D01 v01r01 Power Approach,<br/> <math>EIRP = P_T + G_T - L_c</math>, <math>ERP = EIRP - 2.15</math>, where<br/> <math>P_T</math> = transmitter output power in dBm<br/> <math>G_T</math> = gain of the transmitting antenna in dBi<br/> <math>L_c</math> = signal attenuation in the connecting cable between the transmitter and antenna in dB</p> |                                                                                                                                                                                                  |

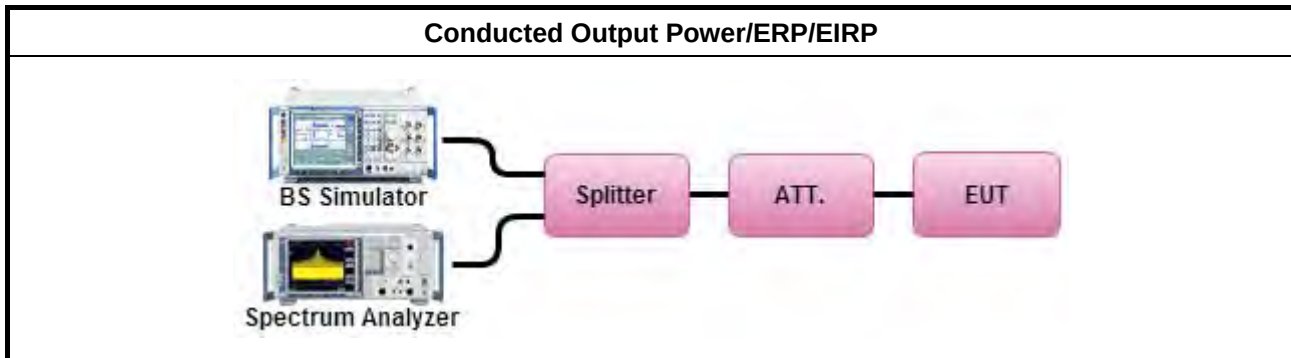
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through 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.

### 3.1.4 Test Setup



### 3.1.5 Test Result of Conducted Output Power

Refer as Appendix A

### 3.1.6 Test Result of ERP/EIRP

Refer as Appendix A

## 3.2 Peak-to-Average Ratio Measurement

### 3.2.1 Description of the PAR Measurement

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

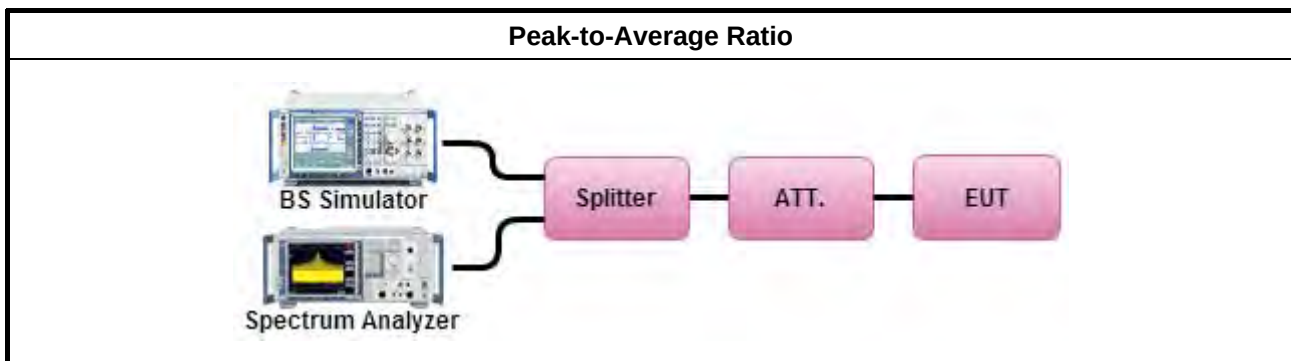
### 3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.2.3 Test Procedures

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Peak-to-Average Ratio

Refer as Appendix B



### **3.3 Occupied Bandwidth Measurement**

#### **3.3.1 Description of Occupied Bandwidth Measurement**

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

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.

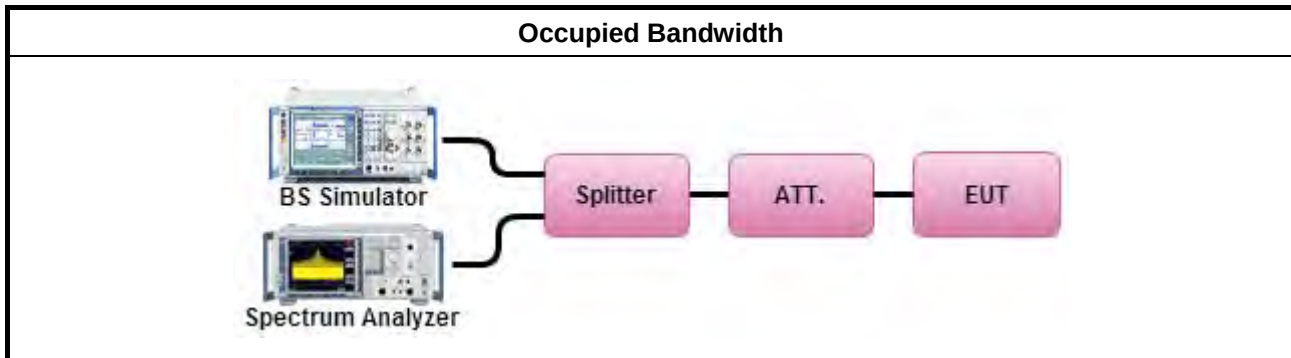
#### **3.3.2 Measuring Instruments**

The measuring equipment is listed in the section 4 of this test report.

#### **3.3.3 Test Procedures**

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.  
The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

### 3.3.4 Test Setup



### 3.3.5 Test Result of Occupied Bandwidth

Refer as Appendix C



### 3.4 Conducted Band Edge Measurement

#### 3.4.1 Description of Conducted Band Edge Measurement

| Conducted Band Edge |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Band 5, 18, 19, 26  | 43 + 10log <sub>10</sub> (P[Watts]) dB below the transmitter power P(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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Band 2, 25          | 43 + 10log <sub>10</sub> (P[Watts]) dB below the transmitter power P(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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Band 4, 66          | 43 + 10log <sub>10</sub> (P[Watts]) dB below the transmitter power P(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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Band 12, 17, 71     | 43 + 10log <sub>10</sub> (P[Watts]) dB below the transmitter power P(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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Band 13             | 43 + 10log <sub>10</sub> (P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Band 7, 38, 41      | For digital base stations: The attenuation shall be not less than 43 + 10 log (P) dB. For mobile digital stations: 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. |

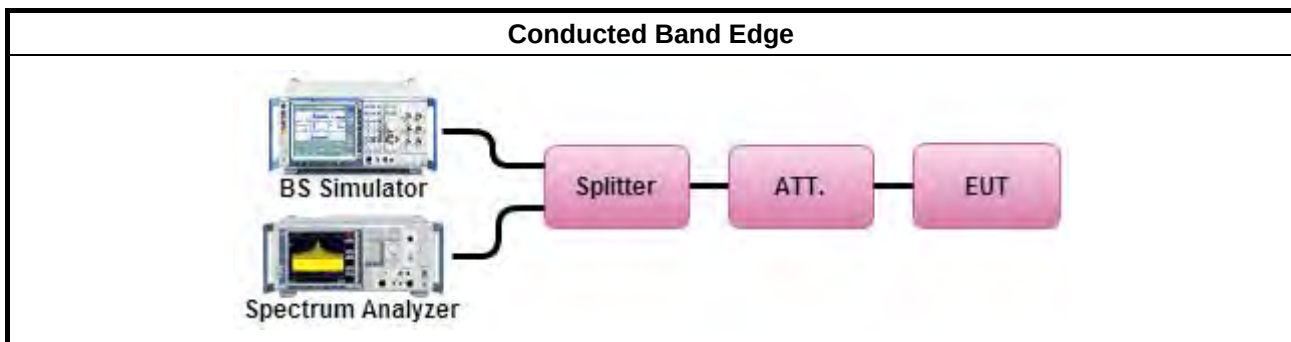
#### 3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.4.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW  $\geq$  1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

### 3.4.4 Test Setup



### 3.4.5 Test Result of Conducted Band Edge

Refer as Appendix D

## 3.5 Conducted Spurious Emission Measurement

### 3.5.1 Description of Conducted Spurious Emission Measurement

| Conducted Band Edge                                                                                                                          |                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Band 5, 18, 19, 26                                                                                                                           | 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.                                                                                                                          |
| Band 2, 25                                                                                                                                   | 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.                                                                                                                          |
| Band 4, 66                                                                                                                                   | 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.                                                                                                                          |
| Band 12, 17, 71                                                                                                                              | 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.                                                                                                                          |
| Band 13                                                                                                                                      | 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.                                                                                                                          |
| Band 7, 38, 41                                                                                                                               | For digital base stations: The attenuation shall be not less than $43 + 10 \log (P)$ dB.<br>For mobile digital stations: 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 10 <sup>th</sup> harmonic. |                                                                                                                                                                                                                                                                                                     |

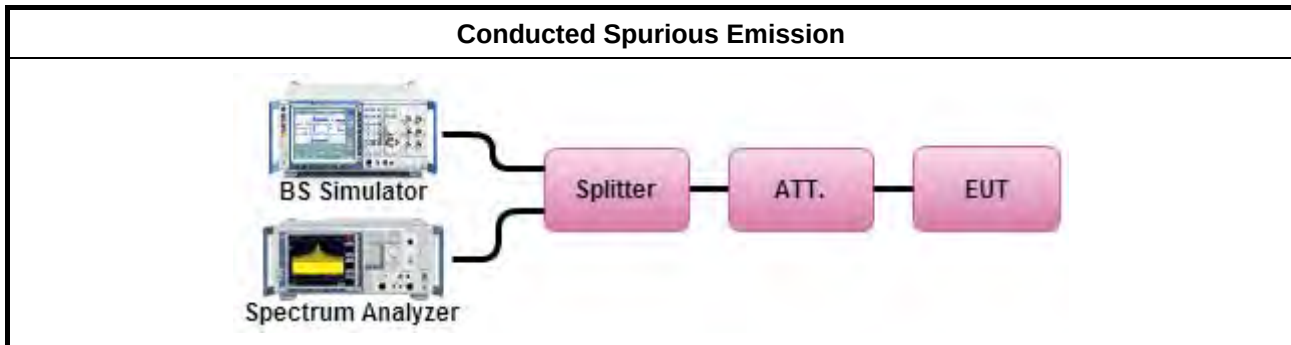
### 3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.5.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.  
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### 3.5.4 Test Setup



### 3.5.5 Test Result of Conducted Spurious Emission

Refer as Appendix D

## 3.6 Radiated Spurious Emission Measurement

### 3.6.1 Description of Radiated Spurious Emission Measurement

| Radiated Spurious Emission                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                    |
| The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic. |                                                                                                                                                                                                                    |
| Band 12, 17                                                                                                                                                                                                                                                                                                                                                           | Emissions in the band 1559-1610 MHz shall be limited to $-70$ dBW/MHz equivalent isotopically radiated power (EIRP) for wideband signals, and $-80$ dBW EIRP for discrete emissions of less than 700 Hz bandwidth. |
| Band 13                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                    |
| Band 7, 38, 41                                                                                                                                                                                                                                                                                                                                                        | The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.                                   |
| Band 13                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                    |

### 3.6.2 Measuring Instruments

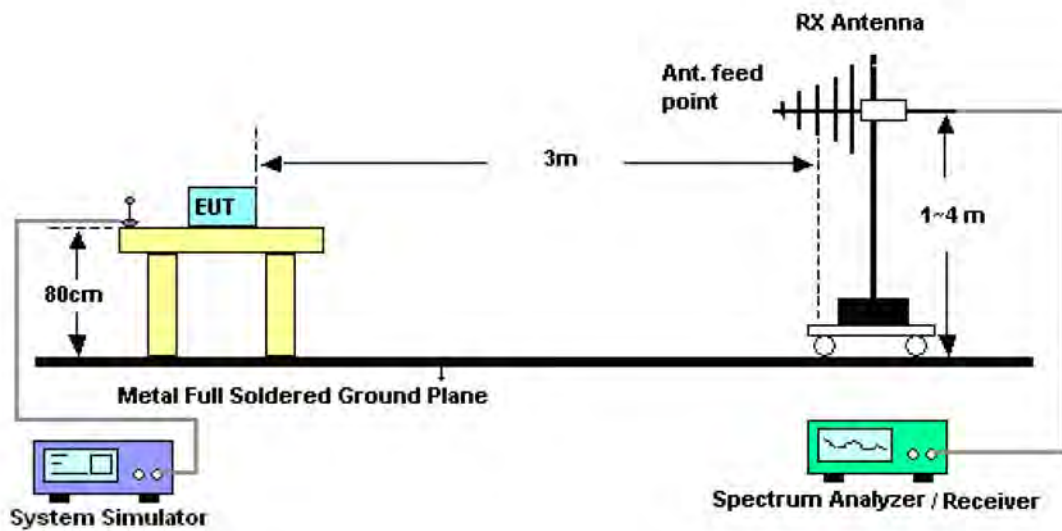
The measuring equipment is listed in the section 4 of this test report.

### 3.6.3 Test Procedures

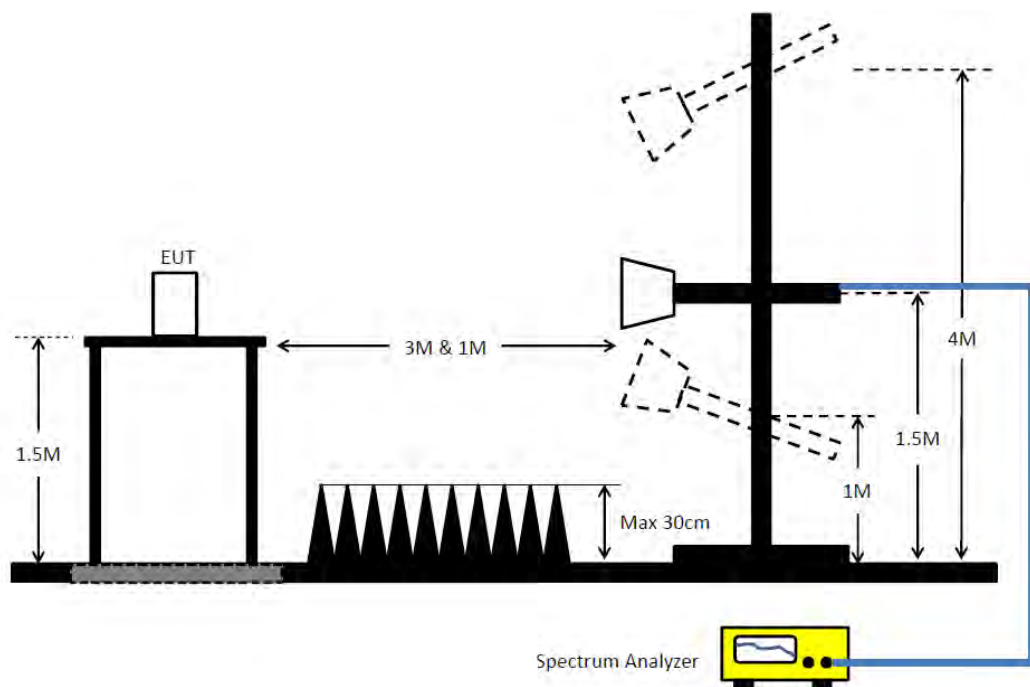
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### 3.6.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.6.5 Measurement Results Calculation**

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

### **3.6.6 Test Result of Radiated Spurious Emission (Below 1GHz)**

Refer as Appendix E

### **3.6.7 Test Result of Radiated Spurious Emission (Above 1GHz)**

Refer as Appendix E

### 3.7 Frequency Stability Measurement

#### 3.7.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) of the center frequency.

#### 3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

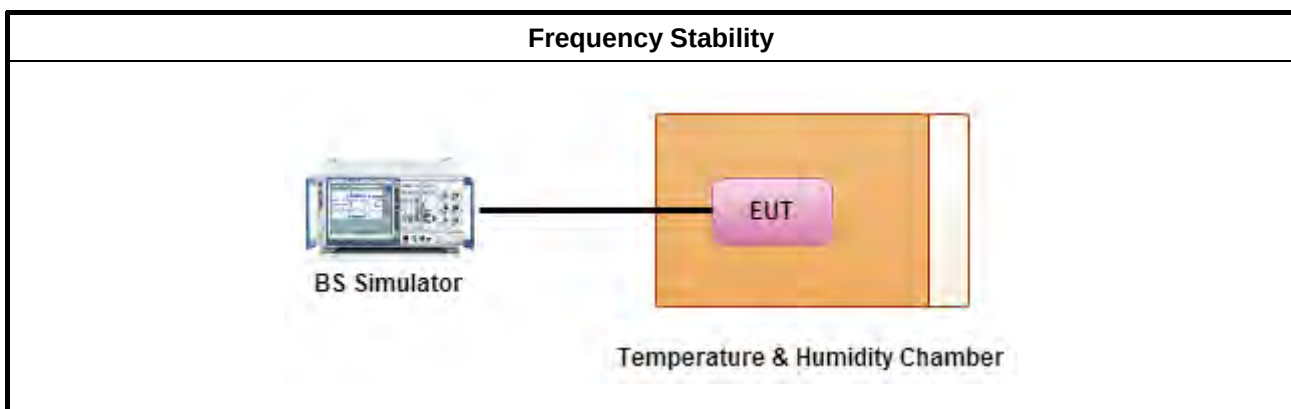
#### 3.7.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. 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.
3. With power OFF, the temperature was raised in  $-30^{\circ}\text{C}$  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.

#### 3.7.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at  $20 \pm 5^{\circ}\text{C}$  and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85 to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

#### 3.7.5 Test Setup



#### 3.7.6 Test Result of Frequency Stability

Refer as Appendix F





## 4 Test Equipment and Calibration Data

| Instrument                          | Brand        | Model No.          | Serial No.       | Characteristics      | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------------|--------------|--------------------|------------------|----------------------|------------------|----------------------|-----------------------|
| 3m Semi Anechoic Chamber NSA        | TDK          | SAC-3M             | 03CH05-CB        | 30 MHz ~ 1 GHz       | Aug. 10, 2020    | Aug. 09, 2021        | Radiation (03CH05-CB) |
| 3m Semi Anechoic Chamber VSWR       | TDK          | SAC-3M             | 03CH05-CB        | 1GHz ~18GHz 3m       | Nov. 08, 2020    | Nov. 07, 2021        | Radiation (03CH05-CB) |
| Bilog Antenna with 6dB Attenuator   | TESEQ & EMC  | CBL 6112D & N-6-06 | 35236 & AT-N0610 | 30MHz ~ 2GHz         | Mar. 27, 2020    | Mar. 26, 2021        | Radiation (03CH05-CB) |
| Horn Antenna                        | SCHWARZB ECK | BBHA9120D          | BBHA 9120 D-1291 | 1GHz~18GHz           | Sep. 05, 2020    | Sep. 04, 2021        | Radiation (03CH05-CB) |
| Horn Antenna                        | Schwarzbeck  | BBHA 9170          | BBHA9170252      | 15GHz ~ 40GHz        | Jul. 21, 2020    | Jul. 20, 2021        | Radiation (03CH05-CB) |
| Pre-Amplifier                       | EMCI         | EMC330N            | 980331           | 20MHz ~ 3GHz         | Apr. 28, 2020    | Apr. 27, 2021        | Radiation (03CH05-CB) |
| Pre-Amplifier                       | EMCI         | EMC12630SE         | 980287           | 1GHz ~ 26.5GHz       | Jul. 03, 2020    | Jul. 02, 2021        | Radiation (03CH05-CB) |
| Pre-Amplifier                       | MITEQ        | TTA1840-35-H G     | 1864479          | 18GHz ~ 40GHz        | Jul. 08, 2020    | Jul. 07, 2021        | Radiation (03CH05-CB) |
| Spectrum Analyzer                   | R&S          | FSP40              | 100304           | 9kHz ~ 40GHz         | Nov. 10, 2020    | Nov. 09, 2021        | Radiation (03CH05-CB) |
| EMI Test Receiver                   | R&S          | ESCS               | 826547/017       | 9kHz ~ 2.75GHz       | May 13, 2020     | May 12, 2021         | Radiation (03CH05-CB) |
| RF Cable-low                        | Woken        | RG402              | Low Cable-04+23  | 30MHz~1GHz           | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                       | Woken        | RG402              | High Cable-28    | 1GHz~18GHz           | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                       | Woken        | RG402              | High Cable-04+28 | 1GHz~18GHz           | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                       | Woken        | RG402              | High Cable-40G#1 | 18GHz ~ 40 GHz       | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                       | Woken        | RG402              | High Cable-40G#2 | 18GHz ~ 40 GHz       | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH05-CB) |
| Test Software                       | SPORTON      | SENSE              | V5.10            | -                    | N.C.R.           | N.C.R.               | Radiation (03CH05-CB) |
| WIDEBAND RADIO COMMUNICATION TESTER | R&S          | CMW500             | 141962           | -                    | Oct. 14, 2020    | Oct. 13, 2021        | Radiation (03CH05-CB) |
| Radio Communication Analyzer        | Anritsu      | MT8820C            | 6201300619       | 1GHz~3.8GHz          | Nov. 23, 2020    | Nov. 22, 2021        | Radiation (03CH05-CB) |
| Spectrum analyzer                   | Keysight     | N9020A             | MY55400138       | 10 Hz up to 26.5 GHz | Dec. 11, 2019    | Dec. 10, 2020        | Conducted (TH03-CB)   |
| Signal analyzer                     | Agilent      | N9010A             | MY52220519       | 10kHz~44GHz          | Mar. 24, 2020    | Mar. 23, 2021        | Conducted (TH03-CB)   |



| Instrument                          | Brand       | Model No.         | Serial No.    | Characteristics  | Calibration Date | Calibration Due Date | Remark              |
|-------------------------------------|-------------|-------------------|---------------|------------------|------------------|----------------------|---------------------|
| Temp. and Humidity Chamber          | Gaint Force | GTH-408-40-C P-AR | MAA1410-011   | -40~100 degree   | Sep. 09, 2020    | Sep. 08, 2021        | Conducted (TH03-CB) |
| Power Sensor                        | Anritsu     | MA2411B           | 1726195       | 300MHz~40GHz     | Aug. 17, 2020    | Aug. 16, 2021        | Conducted (TH03-CB) |
| Power Meter                         | Anritsu     | ML2495A           | 1035008       | 300MHz~40GHz     | Aug. 17, 2020    | Aug. 16, 2021        | Conducted (TH03-CB) |
| RF Cable-high                       | Woken       | RG402             | High Cable-11 | 1 GHz – 26.5 GHz | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high                       | Woken       | RG402             | High Cable-12 | 1 GHz – 26.5 GHz | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high                       | Woken       | RG402             | High Cable-13 | 1 GHz – 26.5 GHz | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high                       | Woken       | RG402             | High Cable-14 | 1 GHz – 26.5 GHz | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high                       | Woken       | RG402             | High Cable-15 | 1 GHz – 26.5 GHz | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| Test Software                       | SPORTON     | SENSE             | V5.10         | -                | N.C.R.           | N.C.R.               | Conducted (TH03-CB) |
| MW Analog Signal Generator          | Keysight    | N5183A            | MY50142965    | 100kHz~20GHz     | Nov. 22, 2020    | Nov. 21, 2021        | Conducted (TH03-CB) |
| Vector Signal Generator             | Keysight    | N5182B            | MY53052408    | 9kHz~6GHz        | Jan. 17, 2020    | Jan. 16, 2021        | Conducted (TH03-CB) |
| Vector Signal Generator             | Keysight    | N5182B            | MY53052408    | 9kHz~6GHz        | Jan. 20, 2021    | Jan. 19, 2022        | Conducted (TH03-CB) |
| Radio Communication Analyzer        | Anritsu     | MT8820C           | 6201300619    | 1GHz~3.8GHz      | Nov. 23, 2020    | Nov. 22, 2021        | Conducted (TH03-CB) |
| Vector Signal generator             | Agilent     | E4438C            | MY49072778    | 250kHz-6GHz      | Aug. 24, 2020    | Aug. 23, 2021        | Conducted (TH03-CB) |
| WIDEBAND RADIO COMMUNICATION TESTER | R&S         | CMW500            | 141962        | -                | Oct. 14, 2020    | Oct. 13, 2021        | Conducted (TH03-CB) |

Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.



## Average Power

## Appendix A.1

Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------|----------------|--------------|---------------|-------------|
| Band 2              | -              | -            | -             | -           |
| WCDMA_5MHz_Nss1_1TX | 22.94          | 0.197        | 31.34         | 1.361       |



Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

**Result**

| Mode                                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 2_WCDMA_5MHz_Nss1_1TX           | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.86           | 22.86          | 0.193        | 31.26         | 1.337       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.94           | 22.94          | 0.197        | 31.34         | 1.361       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.89           | 22.89          | 0.195        | 31.29         | 1.346       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.79           | 22.79          | 0.190        | 31.19         | 1.315       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.51           | 22.51          | 0.178        | 30.91         | 1.233       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.64           | 22.64          | 0.184        | 31.04         | 1.271       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.54           | 22.54          | 0.179        | 30.94         | 1.242       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.72           | 22.72          | 0.187        | 31.12         | 1.294       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.53           | 22.53          | 0.179        | 30.93         | 1.239       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.51           | 22.51          | 0.178        | 30.91         | 1.233       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.50           | 22.50          | 0.178        | 30.90         | 1.230       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.76           | 22.76          | 0.189        | 31.16         | 1.306       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.66           | 22.66          | 0.185        | 31.06         | 1.276       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.67           | 22.67          | 0.185        | 31.07         | 1.279       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.65           | 22.65          | 0.184        | 31.05         | 1.274       | 2                |
| Band 2_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.77           | 22.77          | 0.189        | 31.17         | 1.309       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.50           | 22.50          | 0.178        | 30.90         | 1.230       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.74           | 22.74          | 0.188        | 31.14         | 1.300       | 2                |
| Band 2_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.42           | 22.42          | 0.175        | 30.82         | 1.208       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.39           | 22.39          | 0.173        | 30.79         | 1.199       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.51           | 22.51          | 0.178        | 30.91         | 1.233       | 2                |
| Band 2_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.71           | 22.71          | 0.187        | 31.11         | 1.291       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.83           | 22.83          | 0.192        | 31.23         | 1.327       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.51           | 22.51          | 0.178        | 30.91         | 1.233       | 2                |
| Band 2_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.72           | 22.72          | 0.187        | 31.12         | 1.294       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.72           | 22.72          | 0.187        | 31.12         | 1.294       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.57           | 22.57          | 0.181        | 30.97         | 1.250       | 2                |
| Band 2_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.40        | 22.82           | 22.82          | 0.191        | 31.22         | 1.324       | 2                |
| 1880MHz                              | Pass   | 8.40        | 22.85           | 22.85          | 0.193        | 31.25         | 1.334       | 2                |
| 1907.6MHz                            | Pass   | 8.40        | 22.61           | 22.61          | 0.182        | 31.01         | 1.262       | 2                |

**DG** = Directional Gain; **Port n** = Port n output power



## Average Power

## Appendix A.2

Test Mode: Mode 2 / EUT 2 + Set 3 antenna (WCDMA Band 4)

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------|----------------|--------------|---------------|-------------|
| Band 4              | -              | -            | -             | -           |
| WCDMA_5MHz_Nss1_1TX | 23.43          | 0.220        | 28.73         | 0.74645     |



Test Mode: Mode 2 / EUT 2 + Set 3 antenna (WCDMA Band 4)

**Result**

| Mode                                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 4_WCDMA_5MHz_Nss1_1TX           | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.43           | 23.43          | 0.220        | 28.73         | 0.74645     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.32           | 23.32          | 0.215        | 28.62         | 0.72778     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 23.38           | 23.38          | 0.218        | 28.68         | 0.73790     | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 22.89           | 22.89          | 0.195        | 28.19         | 0.65917     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 22.83           | 22.83          | 0.192        | 28.13         | 0.65013     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 22.99           | 22.99          | 0.199        | 28.29         | 0.67453     | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.23           | 23.23          | 0.210        | 28.53         | 0.71285     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.27           | 23.27          | 0.212        | 28.57         | 0.71945     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 22.96           | 22.96          | 0.198        | 28.26         | 0.66988     | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 22.97           | 22.97          | 0.198        | 28.27         | 0.67143     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.31           | 23.31          | 0.214        | 28.61         | 0.72611     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 23.12           | 23.12          | 0.205        | 28.42         | 0.69502     | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 22.87           | 22.87          | 0.194        | 28.17         | 0.65615     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.07           | 23.07          | 0.203        | 28.37         | 0.68707     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 23.17           | 23.17          | 0.207        | 28.47         | 0.70307     | 1                |
| Band 4_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.1            | 23.1           | 0.204        | 28.4          | 0.69183     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 22.92           | 22.92          | 0.196        | 28.22         | 0.66374     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 22.84           | 22.84          | 0.192        | 28.14         | 0.65163     | 1                |
| Band 4_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.02           | 23.02          | 0.200        | 28.32         | 0.67920     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.22           | 23.22          | 0.210        | 28.52         | 0.71121     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 23.13           | 23.13          | 0.206        | 28.43         | 0.69663     | 1                |
| Band 4_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.15           | 23.15          | 0.207        | 28.45         | 0.69984     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 23.27           | 23.27          | 0.212        | 28.57         | 0.71945     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 23.04           | 23.04          | 0.201        | 28.34         | 0.68234     | 1                |
| Band 4_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23              | 23             | 0.200        | 28.3          | 0.67608     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 22.91           | 22.91          | 0.195        | 28.21         | 0.66222     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 22.9            | 22.9           | 0.195        | 28.2          | 0.66069     | 1                |
| Band 4_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.30        | 23.05           | 23.05          | 0.202        | 28.35         | 0.68391     | 1                |
| 1732.6MHz                            | Pass   | 5.30        | 22.82           | 22.82          | 0.191        | 28.12         | 0.64863     | 1                |
| 1752.6MHz                            | Pass   | 5.30        | 22.99           | 22.99          | 0.199        | 28.29         | 0.67453     | 1                |

**DG** = Directional Gain; **Port n** = Port n output power



## Average Power

## Appendix A.3

Test Mode: Mode 3 / EUT 2 + Set 3 antenna (WCDMA Band 5)

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------|----------------|--------------|--------------|------------|
| Band 5              | -              | -            | -            | -          |
| WCDMA_5MHz_Nss1_1TX | 23.66          | 0.232        | 27.66        | 0.583      |



Test Mode: Mode 3 / EUT 2 + Set 3 antenna (WCDMA Band 5)

**Result**

| Mode                                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|--------------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 5_WCDMA_5MHz_Nss1_1TX           | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.64           | 23.64          | 0.231        | 27.64        | 0.58076    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.66           | 23.66          | 0.232        | 27.66        | 0.58345    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.63           | 23.63          | 0.231        | 27.63        | 0.57943    | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.56           | 23.56          | 0.227        | 27.56        | 0.57016    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.21           | 23.21          | 0.209        | 27.21        | 0.52602    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.54           | 23.54          | 0.226        | 27.54        | 0.56754    | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.34           | 23.34          | 0.216        | 27.34        | 0.54200    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.58           | 23.58          | 0.228        | 27.58        | 0.57280    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.5            | 23.5           | 0.224        | 27.5         | 0.56234    | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.56           | 23.56          | 0.227        | 27.56        | 0.57016    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.14           | 23.14          | 0.206        | 27.14        | 0.51761    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.57           | 23.57          | 0.228        | 27.57        | 0.57148    | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.45           | 23.45          | 0.221        | 27.45        | 0.55590    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.38           | 23.38          | 0.218        | 27.38        | 0.54702    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.54           | 23.54          | 0.226        | 27.54        | 0.56754    | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.54           | 23.54          | 0.226        | 27.54        | 0.56754    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.5            | 23.5           | 0.224        | 27.5         | 0.56234    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.31           | 23.31          | 0.214        | 27.31        | 0.53827    | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.61           | 23.61          | 0.230        | 27.61        | 0.57677    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.47           | 23.47          | 0.222        | 27.47        | 0.55847    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.17           | 23.17          | 0.207        | 27.17        | 0.52119    | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.26           | 23.26          | 0.212        | 27.26        | 0.53211    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.46           | 23.46          | 0.222        | 27.46        | 0.55719    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.3            | 23.3           | 0.214        | 27.3         | 0.53703    | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.18           | 23.18          | 0.208        | 27.18        | 0.52240    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.44           | 23.44          | 0.221        | 27.44        | 0.55463    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.41           | 23.41          | 0.219        | 27.41        | 0.55081    | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 4.00        | 23.46           | 23.46          | 0.222        | 27.46        | 0.55719    | 7               |
| 836.6MHz                             | Pass   | 4.00        | 23.56           | 23.56          | 0.227        | 27.56        | 0.57016    | 7               |
| 846.6MHz                             | Pass   | 4.00        | 23.48           | 23.48          | 0.223        | 27.48        | 0.55976    | 7               |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 2                    | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.02          | 0.159        | 30.42         | 1.102       |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.15          | 0.130        | 29.55         | 0.902       |
| LTE_1.4MHz_Nss1,64QAM_1TX | 21.07          | 0.128        | 29.47         | 0.885       |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.14          | 0.164        | 30.54         | 1.132       |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.38          | 0.137        | 29.78         | 0.951       |
| LTE_3MHz_Nss1,64QAM_1TX   | 21.22          | 0.132        | 29.62         | 0.916       |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.05          | 0.160        | 30.45         | 1.109       |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.31          | 0.135        | 29.71         | 0.935       |
| LTE_5MHz_Nss1,64QAM_1TX   | 21.34          | 0.136        | 29.74         | 0.942       |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.13          | 0.163        | 30.53         | 1.130       |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.33          | 0.136        | 29.73         | 0.940       |
| LTE_10MHz_Nss1,64QAM_1TX  | 21.27          | 0.134        | 29.67         | 0.927       |
| LTE_15MHz_Nss1,QPSK_1TX   | 22.28          | 0.169        | 30.68         | 1.169       |
| LTE_15MHz_Nss1,16QAM_1TX  | 21.49          | 0.141        | 29.89         | 0.975       |
| LTE_15MHz_Nss1,64QAM_1TX  | 21.54          | 0.143        | 29.94         | 0.986       |
| LTE_20MHz_Nss1,QPSK_1TX   | 22.30          | 0.170        | 30.70         | 1.175       |
| LTE_20MHz_Nss1,16QAM_1TX  | 21.44          | 0.139        | 29.84         | 0.964       |
| LTE_20MHz_Nss1,64QAM_1TX  | 21.43          | 0.139        | 29.83         | 0.962       |

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

## Result

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0             | Pass   | 8.40        | 20.79           | 20.79          | 0.120        | 29.19         | 0.830       | 2                |
| 1850.7MHz_RB 1,#RB L             | Pass   | 8.40        | 21.95           | 21.95          | 0.157        | 30.35         | 1.084       | 2                |
| 1850.7MHz_RB 1,#RB M             | Pass   | 8.40        | 22.02           | 22.02          | 0.159        | 30.42         | 1.102       | 2                |
| 1850.7MHz_RB 1,#RB H             | Pass   | 8.40        | 21.90           | 21.90          | 0.155        | 30.30         | 1.072       | 2                |
| 1850.7MHz_RB 3,#RB L             | Pass   | 8.40        | 21.84           | 21.84          | 0.153        | 30.24         | 1.057       | 2                |
| 1850.7MHz_RB 3,#RB M             | Pass   | 8.40        | 21.88           | 21.88          | 0.154        | 30.28         | 1.067       | 2                |
| 1850.7MHz_RB 3,#RB H             | Pass   | 8.40        | 21.82           | 21.82          | 0.152        | 30.22         | 1.052       | 2                |
| 1880MHz_RB 6,#RB 0               | Pass   | 8.40        | 20.60           | 20.60          | 0.115        | 29.00         | 0.794       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 21.65           | 21.65          | 0.146        | 30.05         | 1.012       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 21.73           | 21.73          | 0.149        | 30.13         | 1.030       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 21.64           | 21.64          | 0.146        | 30.04         | 1.009       | 2                |
| 1880MHz_RB 3,#RB L               | Pass   | 8.40        | 21.68           | 21.68          | 0.147        | 30.08         | 1.019       | 2                |
| 1880MHz_RB 3,#RB M               | Pass   | 8.40        | 21.70           | 21.70          | 0.148        | 30.10         | 1.023       | 2                |
| 1880MHz_RB 3,#RB H               | Pass   | 8.40        | 21.65           | 21.65          | 0.146        | 30.05         | 1.012       | 2                |
| 1909.3MHz_RB 6,#RB 0             | Pass   | 8.40        | 20.83           | 20.83          | 0.121        | 29.23         | 0.838       | 2                |
| 1909.3MHz_RB 1,#RB L             | Pass   | 8.40        | 21.87           | 21.87          | 0.154        | 30.27         | 1.064       | 2                |
| 1909.3MHz_RB 1,#RB M             | Pass   | 8.40        | 21.90           | 21.90          | 0.155        | 30.30         | 1.072       | 2                |
| 1909.3MHz_RB 1,#RB H             | Pass   | 8.40        | 21.81           | 21.81          | 0.152        | 30.21         | 1.050       | 2                |
| 1909.3MHz_RB 3,#RB L             | Pass   | 8.40        | 21.84           | 21.84          | 0.153        | 30.24         | 1.057       | 2                |
| 1909.3MHz_RB 3,#RB M             | Pass   | 8.40        | 21.95           | 21.95          | 0.157        | 30.35         | 1.084       | 2                |
| 1909.3MHz_RB 3,#RB H             | Pass   | 8.40        | 21.81           | 21.81          | 0.152        | 30.21         | 1.050       | 2                |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0             | Pass   | 8.40        | 19.87           | 19.87          | 0.097        | 28.27         | 0.671       | 2                |
| 1850.7MHz_RB 1,#RB L             | Pass   | 8.40        | 21.09           | 21.09          | 0.129        | 29.49         | 0.889       | 2                |
| 1850.7MHz_RB 1,#RB M             | Pass   | 8.40        | 20.89           | 20.89          | 0.123        | 29.29         | 0.849       | 2                |
| 1850.7MHz_RB 1,#RB H             | Pass   | 8.40        | 20.97           | 20.97          | 0.125        | 29.37         | 0.865       | 2                |
| 1850.7MHz_RB 3,#RB L             | Pass   | 8.40        | 20.99           | 20.99          | 0.126        | 29.39         | 0.869       | 2                |
| 1850.7MHz_RB 3,#RB M             | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1850.7MHz_RB 3,#RB H             | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1880MHz_RB 6,#RB 0               | Pass   | 8.40        | 19.81           | 19.81          | 0.096        | 28.21         | 0.662       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 20.89           | 20.89          | 0.123        | 29.29         | 0.849       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 20.72           | 20.72          | 0.118        | 29.12         | 0.817       | 2                |
| 1880MHz_RB 3,#RB L               | Pass   | 8.40        | 20.84           | 20.84          | 0.121        | 29.24         | 0.839       | 2                |
| 1880MHz_RB 3,#RB M               | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| 1880MHz_RB 3,#RB H               | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1909.3MHz_RB 6,#RB 0             | Pass   | 8.40        | 19.94           | 19.94          | 0.099        | 28.34         | 0.682       | 2                |
| 1909.3MHz_RB 1,#RB L             | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1909.3MHz_RB 1,#RB M             | Pass   | 8.40        | 21.03           | 21.03          | 0.127        | 29.43         | 0.877       | 2                |
| 1909.3MHz_RB 1,#RB H             | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1909.3MHz_RB 3,#RB L             | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1909.3MHz_RB 3,#RB M             | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1909.3MHz_RB 3,#RB H             | Pass   | 8.40        | 20.87           | 20.87          | 0.122        | 29.27         | 0.845       | 2                |
| Band 2_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0             | Pass   | 8.40        | 19.95           | 19.95          | 0.099        | 28.35         | 0.684       | 2                |
| 1850.7MHz_RB 1,#RB L             | Pass   | 8.40        | 20.89           | 20.89          | 0.123        | 29.29         | 0.849       | 2                |

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1850.7MHz_RB 1,#RB M           | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1850.7MHz_RB 1,#RB H           | Pass   | 8.40        | 20.97           | 20.97          | 0.125        | 29.37         | 0.865       | 2                |
| 1850.7MHz_RB 3,#RB L           | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1850.7MHz_RB 3,#RB M           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1850.7MHz_RB 3,#RB H           | Pass   | 8.40        | 21.06           | 21.06          | 0.128        | 29.46         | 0.883       | 2                |
| 1880MHz_RB 6,#RB 0             | Pass   | 8.40        | 19.74           | 19.74          | 0.094        | 28.14         | 0.652       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 20.97           | 20.97          | 0.125        | 29.37         | 0.865       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 20.87           | 20.87          | 0.122        | 29.27         | 0.845       | 2                |
| 1880MHz_RB 3,#RB L             | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1880MHz_RB 3,#RB M             | Pass   | 8.40        | 20.88           | 20.88          | 0.122        | 29.28         | 0.847       | 2                |
| 1880MHz_RB 3,#RB H             | Pass   | 8.40        | 20.80           | 20.80          | 0.120        | 29.20         | 0.832       | 2                |
| 1909.3MHz_RB 6,#RB 0           | Pass   | 8.40        | 19.94           | 19.94          | 0.099        | 28.34         | 0.682       | 2                |
| 1909.3MHz_RB 1,#RB L           | Pass   | 8.40        | 20.92           | 20.92          | 0.124        | 29.32         | 0.855       | 2                |
| 1909.3MHz_RB 1,#RB M           | Pass   | 8.40        | 20.84           | 20.84          | 0.121        | 29.24         | 0.839       | 2                |
| 1909.3MHz_RB 1,#RB H           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1909.3MHz_RB 3,#RB L           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1909.3MHz_RB 3,#RB M           | Pass   | 8.40        | 21.06           | 21.06          | 0.128        | 29.46         | 0.883       | 2                |
| 1909.3MHz_RB 3,#RB H           | Pass   | 8.40        | 20.92           | 20.92          | 0.124        | 29.32         | 0.855       | 2                |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1851.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.95           | 21.95          | 0.157        | 30.35         | 1.084       | 2                |
| 1851.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.39           | 21.39          | 0.138        | 29.79         | 0.953       | 2                |
| 1851.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.81           | 21.81          | 0.152        | 30.21         | 1.050       | 2                |
| 1851.5MHz_RB 8,#RB L           | Pass   | 8.40        | 20.84           | 20.84          | 0.121        | 29.24         | 0.839       | 2                |
| 1851.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.95           | 20.95          | 0.124        | 29.35         | 0.861       | 2                |
| 1851.5MHz_RB 8,#RB H           | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1880MHz_RB 15,#RB 0            | Pass   | 8.40        | 20.83           | 20.83          | 0.121        | 29.23         | 0.838       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 21.92           | 21.92          | 0.156        | 30.32         | 1.076       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 21.91           | 21.91          | 0.155        | 30.31         | 1.074       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 21.81           | 21.81          | 0.152        | 30.21         | 1.050       | 2                |
| 1880MHz_RB 8,#RB L             | Pass   | 8.40        | 20.82           | 20.82          | 0.121        | 29.22         | 0.836       | 2                |
| 1880MHz_RB 8,#RB M             | Pass   | 8.40        | 20.85           | 20.85          | 0.122        | 29.25         | 0.841       | 2                |
| 1880MHz_RB 8,#RB H             | Pass   | 8.40        | 20.73           | 20.73          | 0.118        | 29.13         | 0.818       | 2                |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 21.00           | 21.00          | 0.126        | 29.40         | 0.871       | 2                |
| 1908.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.87           | 21.87          | 0.154        | 30.27         | 1.064       | 2                |
| 1908.5MHz_RB 1,#RB M           | Pass   | 8.40        | 22.14           | 22.14          | 0.164        | 30.54         | 1.132       | 2                |
| 1908.5MHz_RB 1,#RB H           | Pass   | 8.40        | 22.11           | 22.11          | 0.163        | 30.51         | 1.125       | 2                |
| 1908.5MHz_RB 8,#RB L           | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1908.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.96           | 20.96          | 0.125        | 29.36         | 0.863       | 2                |
| 1908.5MHz_RB 8,#RB H           | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1851.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1851.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1851.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.18           | 21.18          | 0.131        | 29.58         | 0.908       | 2                |
| 1851.5MHz_RB 8,#RB L           | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1851.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.02           | 20.02          | 0.100        | 28.42         | 0.695       | 2                |

**Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1851.5MHz_RB 8,#RB H           | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 15,#RB 0            | Pass   | 8.40        | 19.84           | 19.84          | 0.096        | 28.24         | 0.667       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 20.71           | 20.71          | 0.118        | 29.11         | 0.815       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 20.87           | 20.87          | 0.122        | 29.27         | 0.845       | 2                |
| 1880MHz_RB 8,#RB L             | Pass   | 8.40        | 19.94           | 19.94          | 0.099        | 28.34         | 0.682       | 2                |
| 1880MHz_RB 8,#RB M             | Pass   | 8.40        | 19.98           | 19.98          | 0.100        | 28.38         | 0.689       | 2                |
| 1880MHz_RB 8,#RB H             | Pass   | 8.40        | 19.87           | 19.87          | 0.097        | 28.27         | 0.671       | 2                |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1908.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1908.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1908.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.38           | 21.38          | 0.137        | 29.78         | 0.951       | 2                |
| 1908.5MHz_RB 8,#RB L           | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1908.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.12           | 20.12          | 0.103        | 28.52         | 0.711       | 2                |
| 1908.5MHz_RB 8,#RB H           | Pass   | 8.40        | 19.99           | 19.99          | 0.100        | 28.39         | 0.690       | 2                |
| Band 2_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 20.04           | 20.04          | 0.101        | 28.44         | 0.698       | 2                |
| 1851.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.22           | 21.22          | 0.132        | 29.62         | 0.916       | 2                |
| 1851.5MHz_RB 1,#RB M           | Pass   | 8.40        | 20.89           | 20.89          | 0.123        | 29.29         | 0.849       | 2                |
| 1851.5MHz_RB 1,#RB H           | Pass   | 8.40        | 20.86           | 20.86          | 0.122        | 29.26         | 0.843       | 2                |
| 1851.5MHz_RB 8,#RB L           | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1851.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1851.5MHz_RB 8,#RB H           | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 15,#RB 0            | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 20.96           | 20.96          | 0.125        | 29.36         | 0.863       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1880MHz_RB 8,#RB L             | Pass   | 8.40        | 19.82           | 19.82          | 0.096        | 28.22         | 0.664       | 2                |
| 1880MHz_RB 8,#RB M             | Pass   | 8.40        | 19.87           | 19.87          | 0.097        | 28.27         | 0.671       | 2                |
| 1880MHz_RB 8,#RB H             | Pass   | 8.40        | 19.85           | 19.85          | 0.097        | 28.25         | 0.668       | 2                |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 8.40        | 20.06           | 20.06          | 0.101        | 28.46         | 0.701       | 2                |
| 1908.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.17           | 21.17          | 0.131        | 29.57         | 0.906       | 2                |
| 1908.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.03           | 21.03          | 0.127        | 29.43         | 0.877       | 2                |
| 1908.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.00           | 21.00          | 0.126        | 29.40         | 0.871       | 2                |
| 1908.5MHz_RB 8,#RB L           | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1908.5MHz_RB 8,#RB M           | Pass   | 8.40        | 20.12           | 20.12          | 0.103        | 28.52         | 0.711       | 2                |
| 1908.5MHz_RB 8,#RB H           | Pass   | 8.40        | 20.05           | 20.05          | 0.101        | 28.45         | 0.700       | 2                |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0          | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1852.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.80           | 21.80          | 0.151        | 30.20         | 1.047       | 2                |
| 1852.5MHz_RB 1,#RB M           | Pass   | 8.40        | 22.04           | 22.04          | 0.160        | 30.44         | 1.107       | 2                |
| 1852.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.84           | 21.84          | 0.153        | 30.24         | 1.057       | 2                |
| 1852.5MHz_RB 12,#RB L          | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| 1852.5MHz_RB 12,#RB M          | Pass   | 8.40        | 20.89           | 20.89          | 0.123        | 29.29         | 0.849       | 2                |
| 1852.5MHz_RB 12,#RB H          | Pass   | 8.40        | 20.90           | 20.90          | 0.123        | 29.30         | 0.851       | 2                |
| 1880MHz_RB 25,#RB 0            | Pass   | 8.40        | 20.82           | 20.82          | 0.121        | 29.22         | 0.836       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 21.86           | 21.86          | 0.153        | 30.26         | 1.062       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 21.78           | 21.78          | 0.151        | 30.18         | 1.042       | 2                |

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 21.82           | 21.82          | 0.152        | 30.22         | 1.052       | 2                |
| 1880MHz_RB 12,#RB L            | Pass   | 8.40        | 20.78           | 20.78          | 0.120        | 29.18         | 0.828       | 2                |
| 1880MHz_RB 12,#RB M            | Pass   | 8.40        | 20.86           | 20.86          | 0.122        | 29.26         | 0.843       | 2                |
| 1880MHz_RB 12,#RB H            | Pass   | 8.40        | 20.77           | 20.77          | 0.119        | 29.17         | 0.826       | 2                |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 8.40        | 20.96           | 20.96          | 0.125        | 29.36         | 0.863       | 2                |
| 1907.5MHz_RB 1,#RB L           | Pass   | 8.40        | 22.05           | 22.05          | 0.160        | 30.45         | 1.109       | 2                |
| 1907.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.93           | 21.93          | 0.156        | 30.33         | 1.079       | 2                |
| 1907.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.90           | 21.90          | 0.155        | 30.30         | 1.072       | 2                |
| 1907.5MHz_RB 12,#RB L          | Pass   | 8.40        | 21.04           | 21.04          | 0.127        | 29.44         | 0.879       | 2                |
| 1907.5MHz_RB 12,#RB M          | Pass   | 8.40        | 21.03           | 21.03          | 0.127        | 29.43         | 0.877       | 2                |
| 1907.5MHz_RB 12,#RB H          | Pass   | 8.40        | 21.00           | 21.00          | 0.126        | 29.40         | 0.871       | 2                |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0          | Pass   | 8.40        | 20.05           | 20.05          | 0.101        | 28.45         | 0.700       | 2                |
| 1852.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1852.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.05           | 21.05          | 0.127        | 29.45         | 0.881       | 2                |
| 1852.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1852.5MHz_RB 12,#RB L          | Pass   | 8.40        | 20.06           | 20.06          | 0.101        | 28.46         | 0.701       | 2                |
| 1852.5MHz_RB 12,#RB M          | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1852.5MHz_RB 12,#RB H          | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1880MHz_RB 25,#RB 0            | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 20.86           | 20.86          | 0.122        | 29.26         | 0.843       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 20.97           | 20.97          | 0.125        | 29.37         | 0.865       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 21.11           | 21.11          | 0.129        | 29.51         | 0.893       | 2                |
| 1880MHz_RB 12,#RB L            | Pass   | 8.40        | 19.95           | 19.95          | 0.099        | 28.35         | 0.684       | 2                |
| 1880MHz_RB 12,#RB M            | Pass   | 8.40        | 19.92           | 19.92          | 0.098        | 28.32         | 0.679       | 2                |
| 1880MHz_RB 12,#RB H            | Pass   | 8.40        | 19.81           | 19.81          | 0.096        | 28.21         | 0.662       | 2                |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 8.40        | 20.09           | 20.09          | 0.102        | 28.49         | 0.706       | 2                |
| 1907.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.16           | 21.16          | 0.131        | 29.56         | 0.904       | 2                |
| 1907.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.31           | 21.31          | 0.135        | 29.71         | 0.935       | 2                |
| 1907.5MHz_RB 1,#RB H           | Pass   | 8.40        | 21.24           | 21.24          | 0.133        | 29.64         | 0.920       | 2                |
| 1907.5MHz_RB 12,#RB L          | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1907.5MHz_RB 12,#RB M          | Pass   | 8.40        | 20.12           | 20.12          | 0.103        | 28.52         | 0.711       | 2                |
| 1907.5MHz_RB 12,#RB H          | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| Band 2_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0          | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1852.5MHz_RB 1,#RB L           | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1852.5MHz_RB 1,#RB M           | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1852.5MHz_RB 1,#RB H           | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| 1852.5MHz_RB 12,#RB L          | Pass   | 8.40        | 20.09           | 20.09          | 0.102        | 28.49         | 0.706       | 2                |
| 1852.5MHz_RB 12,#RB M          | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1852.5MHz_RB 12,#RB H          | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1880MHz_RB 25,#RB 0            | Pass   | 8.40        | 19.89           | 19.89          | 0.097        | 28.29         | 0.675       | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.40        | 21.16           | 21.16          | 0.131        | 29.56         | 0.904       | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.40        | 21.14           | 21.14          | 0.130        | 29.54         | 0.899       | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| 1880MHz_RB 12,#RB L            | Pass   | 8.40        | 19.95           | 19.95          | 0.099        | 28.35         | 0.684       | 2                |
| 1880MHz_RB 12,#RB M            | Pass   | 8.40        | 19.93           | 19.93          | 0.098        | 28.33         | 0.681       | 2                |
| 1880MHz_RB 12,#RB H            | Pass   | 8.40        | 19.94           | 19.94          | 0.099        | 28.34         | 0.682       | 2                |



Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1907.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1907.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.33           | 21.33          | 0.136        | 29.73         | 0.940       | 2                |
| 1907.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1907.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.16           | 21.16          | 0.131        | 29.56         | 0.904       | 2                |
| 1907.5MHz_RB 12,#RB L           | Pass   | 8.40        | 20.17           | 20.17          | 0.104        | 28.57         | 0.719       | 2                |
| 1907.5MHz_RB 12,#RB M           | Pass   | 8.40        | 20.14           | 20.14          | 0.103        | 28.54         | 0.714       | 2                |
| 1907.5MHz_RB 12,#RB H           | Pass   | 8.40        | 20.07           | 20.07          | 0.102        | 28.47         | 0.703       | 2                |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0             | Pass   | 8.40        | 21.06           | 21.06          | 0.128        | 29.46         | 0.883       | 2                |
| 1855MHz_RB 1,#RB L              | Pass   | 8.40        | 22.01           | 22.01          | 0.159        | 30.41         | 1.099       | 2                |
| 1855MHz_RB 1,#RB M              | Pass   | 8.40        | 21.85           | 21.85          | 0.153        | 30.25         | 1.059       | 2                |
| 1855MHz_RB 1,#RB H              | Pass   | 8.40        | 22.05           | 22.05          | 0.160        | 30.45         | 1.109       | 2                |
| 1855MHz_RB 25,#RB L             | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1855MHz_RB 25,#RB M             | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1855MHz_RB 25,#RB H             | Pass   | 8.40        | 20.99           | 20.99          | 0.126        | 29.39         | 0.869       | 2                |
| 1880MHz_RB 50,#RB 0             | Pass   | 8.40        | 20.80           | 20.80          | 0.120        | 29.20         | 0.832       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 22.09           | 22.09          | 0.162        | 30.49         | 1.119       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.74           | 21.74          | 0.149        | 30.14         | 1.033       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.91           | 21.91          | 0.155        | 30.31         | 1.074       | 2                |
| 1880MHz_RB 25,#RB L             | Pass   | 8.40        | 20.90           | 20.90          | 0.123        | 29.30         | 0.851       | 2                |
| 1880MHz_RB 25,#RB M             | Pass   | 8.40        | 20.88           | 20.88          | 0.122        | 29.28         | 0.847       | 2                |
| 1880MHz_RB 25,#RB H             | Pass   | 8.40        | 20.80           | 20.80          | 0.120        | 29.20         | 0.832       | 2                |
| 1905MHz_RB 50,#RB 0             | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1905MHz_RB 1,#RB L              | Pass   | 8.40        | 22.07           | 22.07          | 0.161        | 30.47         | 1.114       | 2                |
| 1905MHz_RB 1,#RB M              | Pass   | 8.40        | 21.86           | 21.86          | 0.153        | 30.26         | 1.062       | 2                |
| 1905MHz_RB 1,#RB H              | Pass   | 8.40        | 22.13           | 22.13          | 0.163        | 30.53         | 1.130       | 2                |
| 1905MHz_RB 25,#RB L             | Pass   | 8.40        | 21.02           | 21.02          | 0.126        | 29.42         | 0.875       | 2                |
| 1905MHz_RB 25,#RB M             | Pass   | 8.40        | 21.11           | 21.11          | 0.129        | 29.51         | 0.893       | 2                |
| 1905MHz_RB 25,#RB H             | Pass   | 8.40        | 21.03           | 21.03          | 0.127        | 29.43         | 0.877       | 2                |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0             | Pass   | 8.40        | 20.15           | 20.15          | 0.104        | 28.55         | 0.716       | 2                |
| 1855MHz_RB 1,#RB L              | Pass   | 8.40        | 21.22           | 21.22          | 0.132        | 29.62         | 0.916       | 2                |
| 1855MHz_RB 1,#RB M              | Pass   | 8.40        | 21.09           | 21.09          | 0.129        | 29.49         | 0.889       | 2                |
| 1855MHz_RB 1,#RB H              | Pass   | 8.40        | 20.90           | 20.90          | 0.123        | 29.30         | 0.851       | 2                |
| 1855MHz_RB 25,#RB L             | Pass   | 8.40        | 20.12           | 20.12          | 0.103        | 28.52         | 0.711       | 2                |
| 1855MHz_RB 25,#RB M             | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1855MHz_RB 25,#RB H             | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1880MHz_RB 50,#RB 0             | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 20.95           | 20.95          | 0.124        | 29.35         | 0.861       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 20.92           | 20.92          | 0.124        | 29.32         | 0.855       | 2                |
| 1880MHz_RB 25,#RB L             | Pass   | 8.40        | 19.97           | 19.97          | 0.099        | 28.37         | 0.687       | 2                |
| 1880MHz_RB 25,#RB M             | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1880MHz_RB 25,#RB H             | Pass   | 8.40        | 19.89           | 19.89          | 0.097        | 28.29         | 0.675       | 2                |
| 1905MHz_RB 50,#RB 0             | Pass   | 8.40        | 20.04           | 20.04          | 0.101        | 28.44         | 0.698       | 2                |
| 1905MHz_RB 1,#RB L              | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1905MHz_RB 1,#RB M              | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1905MHz_RB 1,#RB H              | Pass   | 8.40        | 21.33           | 21.33          | 0.136        | 29.73         | 0.940       | 2                |

## Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1905MHz_RB 25,#RB L             | Pass   | 8.40        | 20.13           | 20.13          | 0.103        | 28.53         | 0.713       | 2                |
| 1905MHz_RB 25,#RB M             | Pass   | 8.40        | 20.18           | 20.18          | 0.104        | 28.58         | 0.721       | 2                |
| 1905MHz_RB 25,#RB H             | Pass   | 8.40        | 20.15           | 20.15          | 0.104        | 28.55         | 0.716       | 2                |
| Band 2_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0             | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1855MHz_RB 1,#RB L              | Pass   | 8.40        | 21.17           | 21.17          | 0.131        | 29.57         | 0.906       | 2                |
| 1855MHz_RB 1,#RB M              | Pass   | 8.40        | 21.04           | 21.04          | 0.127        | 29.44         | 0.879       | 2                |
| 1855MHz_RB 1,#RB H              | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1855MHz_RB 25,#RB L             | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1855MHz_RB 25,#RB M             | Pass   | 8.40        | 20.07           | 20.07          | 0.102        | 28.47         | 0.703       | 2                |
| 1855MHz_RB 25,#RB H             | Pass   | 8.40        | 20.04           | 20.04          | 0.101        | 28.44         | 0.698       | 2                |
| 1880MHz_RB 50,#RB 0             | Pass   | 8.40        | 19.92           | 19.92          | 0.098        | 28.32         | 0.679       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.00           | 21.00          | 0.126        | 29.40         | 0.871       | 2                |
| 1880MHz_RB 25,#RB L             | Pass   | 8.40        | 20.07           | 20.07          | 0.102        | 28.47         | 0.703       | 2                |
| 1880MHz_RB 25,#RB M             | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1880MHz_RB 25,#RB H             | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1905MHz_RB 50,#RB 0             | Pass   | 8.40        | 20.07           | 20.07          | 0.102        | 28.47         | 0.703       | 2                |
| 1905MHz_RB 1,#RB L              | Pass   | 8.40        | 21.27           | 21.27          | 0.134        | 29.67         | 0.927       | 2                |
| 1905MHz_RB 1,#RB M              | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1905MHz_RB 1,#RB H              | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1905MHz_RB 25,#RB L             | Pass   | 8.40        | 20.14           | 20.14          | 0.103        | 28.54         | 0.714       | 2                |
| 1905MHz_RB 25,#RB M             | Pass   | 8.40        | 20.27           | 20.27          | 0.106        | 28.67         | 0.736       | 2                |
| 1905MHz_RB 25,#RB H             | Pass   | 8.40        | 20.16           | 20.16          | 0.104        | 28.56         | 0.718       | 2                |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1857.5MHz_RB 1,#RB L            | Pass   | 8.40        | 22.15           | 22.15          | 0.164        | 30.55         | 1.135       | 2                |
| 1857.5MHz_RB 1,#RB M            | Pass   | 8.40        | 22.04           | 22.04          | 0.160        | 30.44         | 1.107       | 2                |
| 1857.5MHz_RB 1,#RB H            | Pass   | 8.40        | 22.02           | 22.02          | 0.159        | 30.42         | 1.102       | 2                |
| 1857.5MHz_RB 36,#RB L           | Pass   | 8.40        | 21.11           | 21.11          | 0.129        | 29.51         | 0.893       | 2                |
| 1857.5MHz_RB 36,#RB M           | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1857.5MHz_RB 36,#RB H           | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1880MHz_RB 75,#RB 0             | Pass   | 8.40        | 20.98           | 20.98          | 0.125        | 29.38         | 0.867       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 22.12           | 22.12          | 0.163        | 30.52         | 1.127       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.94           | 21.94          | 0.156        | 30.34         | 1.081       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.92           | 21.92          | 0.156        | 30.32         | 1.076       | 2                |
| 1880MHz_RB 36,#RB L             | Pass   | 8.40        | 21.02           | 21.02          | 0.126        | 29.42         | 0.875       | 2                |
| 1880MHz_RB 36,#RB M             | Pass   | 8.40        | 20.94           | 20.94          | 0.124        | 29.34         | 0.859       | 2                |
| 1880MHz_RB 36,#RB H             | Pass   | 8.40        | 20.86           | 20.86          | 0.122        | 29.26         | 0.843       | 2                |
| 1902.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1902.5MHz_RB 1,#RB L            | Pass   | 8.40        | 22.28           | 22.28          | 0.169        | 30.68         | 1.169       | 2                |
| 1902.5MHz_RB 1,#RB M            | Pass   | 8.40        | 22.08           | 22.08          | 0.161        | 30.48         | 1.117       | 2                |
| 1902.5MHz_RB 1,#RB H            | Pass   | 8.40        | 22.07           | 22.07          | 0.161        | 30.47         | 1.114       | 2                |
| 1902.5MHz_RB 36,#RB L           | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1902.5MHz_RB 36,#RB M           | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1902.5MHz_RB 36,#RB H           | Pass   | 8.40        | 21.09           | 21.09          | 0.129        | 29.49         | 0.889       | 2                |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |

## Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1857.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| 1857.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.44           | 21.44          | 0.139        | 29.84         | 0.964       | 2                |
| 1857.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.35           | 21.35          | 0.136        | 29.75         | 0.944       | 2                |
| 1857.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1857.5MHz_RB 36,#RB L           | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1857.5MHz_RB 36,#RB M           | Pass   | 8.40        | 20.25           | 20.25          | 0.106        | 28.65         | 0.733       | 2                |
| 1857.5MHz_RB 36,#RB H           | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1880MHz_RB 75,#RB 0             | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 21.40           | 21.40          | 0.138        | 29.80         | 0.955       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.26           | 21.26          | 0.134        | 29.66         | 0.925       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.08           | 21.08          | 0.128        | 29.48         | 0.887       | 2                |
| 1880MHz_RB 36,#RB L             | Pass   | 8.40        | 20.12           | 20.12          | 0.103        | 28.52         | 0.711       | 2                |
| 1880MHz_RB 36,#RB M             | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 36,#RB H             | Pass   | 8.40        | 19.95           | 19.95          | 0.099        | 28.35         | 0.684       | 2                |
| 1902.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 20.18           | 20.18          | 0.104        | 28.58         | 0.721       | 2                |
| 1902.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.49           | 21.49          | 0.141        | 29.89         | 0.975       | 2                |
| 1902.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.26           | 21.26          | 0.134        | 29.66         | 0.925       | 2                |
| 1902.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.20           | 21.20          | 0.132        | 29.60         | 0.912       | 2                |
| 1902.5MHz_RB 36,#RB L           | Pass   | 8.40        | 20.23           | 20.23          | 0.105        | 28.63         | 0.729       | 2                |
| 1902.5MHz_RB 36,#RB M           | Pass   | 8.40        | 20.18           | 20.18          | 0.104        | 28.58         | 0.721       | 2                |
| 1902.5MHz_RB 36,#RB H           | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| Band 2_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 20.23           | 20.23          | 0.105        | 28.63         | 0.729       | 2                |
| 1857.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.35           | 21.35          | 0.136        | 29.75         | 0.944       | 2                |
| 1857.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.26           | 21.26          | 0.134        | 29.66         | 0.925       | 2                |
| 1857.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.23           | 21.23          | 0.133        | 29.63         | 0.918       | 2                |
| 1857.5MHz_RB 36,#RB L           | Pass   | 8.40        | 20.21           | 20.21          | 0.105        | 28.61         | 0.726       | 2                |
| 1857.5MHz_RB 36,#RB M           | Pass   | 8.40        | 20.23           | 20.23          | 0.105        | 28.63         | 0.729       | 2                |
| 1857.5MHz_RB 36,#RB H           | Pass   | 8.40        | 20.17           | 20.17          | 0.104        | 28.57         | 0.719       | 2                |
| 1880MHz_RB 75,#RB 0             | Pass   | 8.40        | 20.07           | 20.07          | 0.102        | 28.47         | 0.703       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.16           | 21.16          | 0.131        | 29.56         | 0.904       | 2                |
| 1880MHz_RB 36,#RB L             | Pass   | 8.40        | 20.14           | 20.14          | 0.103        | 28.54         | 0.714       | 2                |
| 1880MHz_RB 36,#RB M             | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 36,#RB H             | Pass   | 8.40        | 19.98           | 19.98          | 0.100        | 28.38         | 0.689       | 2                |
| 1902.5MHz_RB 75,#RB 0           | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1902.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.54           | 21.54          | 0.143        | 29.94         | 0.986       | 2                |
| 1902.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.50           | 21.50          | 0.141        | 29.90         | 0.977       | 2                |
| 1902.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.18           | 21.18          | 0.131        | 29.58         | 0.908       | 2                |
| 1902.5MHz_RB 36,#RB L           | Pass   | 8.40        | 20.26           | 20.26          | 0.106        | 28.66         | 0.735       | 2                |
| 1902.5MHz_RB 36,#RB M           | Pass   | 8.40        | 20.22           | 20.22          | 0.105        | 28.62         | 0.728       | 2                |
| 1902.5MHz_RB 36,#RB H           | Pass   | 8.40        | 20.27           | 20.27          | 0.106        | 28.67         | 0.736       | 2                |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0            | Pass   | 8.40        | 21.08           | 21.08          | 0.128        | 29.48         | 0.887       | 2                |
| 1860MHz_RB 1,#RB L              | Pass   | 8.40        | 22.11           | 22.11          | 0.163        | 30.51         | 1.125       | 2                |
| 1860MHz_RB 1,#RB M              | Pass   | 8.40        | 22.09           | 22.09          | 0.162        | 30.49         | 1.119       | 2                |
| 1860MHz_RB 1,#RB H              | Pass   | 8.40        | 21.92           | 21.92          | 0.156        | 30.32         | 1.076       | 2                |



## Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1860MHz_RB 50,#RB L             | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1860MHz_RB 50,#RB M             | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1860MHz_RB 50,#RB H             | Pass   | 8.40        | 20.96           | 20.96          | 0.125        | 29.36         | 0.863       | 2                |
| 1880MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 22.04           | 22.04          | 0.160        | 30.44         | 1.107       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.87           | 21.87          | 0.154        | 30.27         | 1.064       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.85           | 21.85          | 0.153        | 30.25         | 1.059       | 2                |
| 1880MHz_RB 50,#RB L             | Pass   | 8.40        | 21.09           | 21.09          | 0.129        | 29.49         | 0.889       | 2                |
| 1880MHz_RB 50,#RB M             | Pass   | 8.40        | 20.95           | 20.95          | 0.124        | 29.35         | 0.861       | 2                |
| 1880MHz_RB 50,#RB H             | Pass   | 8.40        | 20.85           | 20.85          | 0.122        | 29.25         | 0.841       | 2                |
| 1900MHz_RB 100,#RB 0            | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |
| 1900MHz_RB 1,#RB L              | Pass   | 8.40        | 22.30           | 22.30          | 0.170        | 30.70         | 1.175       | 2                |
| 1900MHz_RB 1,#RB M              | Pass   | 8.40        | 22.03           | 22.03          | 0.160        | 30.43         | 1.104       | 2                |
| 1900MHz_RB 1,#RB H              | Pass   | 8.40        | 21.88           | 21.88          | 0.154        | 30.28         | 1.067       | 2                |
| 1900MHz_RB 50,#RB L             | Pass   | 8.40        | 21.20           | 21.20          | 0.132        | 29.60         | 0.912       | 2                |
| 1900MHz_RB 50,#RB M             | Pass   | 8.40        | 21.05           | 21.05          | 0.127        | 29.45         | 0.881       | 2                |
| 1900MHz_RB 50,#RB H             | Pass   | 8.40        | 20.99           | 20.99          | 0.126        | 29.39         | 0.869       | 2                |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.13           | 20.13          | 0.103        | 28.53         | 0.713       | 2                |
| 1860MHz_RB 1,#RB L              | Pass   | 8.40        | 21.35           | 21.35          | 0.136        | 29.75         | 0.944       | 2                |
| 1860MHz_RB 1,#RB M              | Pass   | 8.40        | 21.00           | 21.00          | 0.126        | 29.40         | 0.871       | 2                |
| 1860MHz_RB 1,#RB H              | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1860MHz_RB 50,#RB L             | Pass   | 8.40        | 20.32           | 20.32          | 0.108        | 28.72         | 0.745       | 2                |
| 1860MHz_RB 50,#RB M             | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| 1860MHz_RB 50,#RB H             | Pass   | 8.40        | 20.10           | 20.10          | 0.102        | 28.50         | 0.708       | 2                |
| 1880MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.03           | 20.03          | 0.101        | 28.43         | 0.697       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.01           | 21.01          | 0.126        | 29.41         | 0.873       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 20.78           | 20.78          | 0.120        | 29.18         | 0.828       | 2                |
| 1880MHz_RB 50,#RB L             | Pass   | 8.40        | 20.17           | 20.17          | 0.104        | 28.57         | 0.719       | 2                |
| 1880MHz_RB 50,#RB M             | Pass   | 8.40        | 20.05           | 20.05          | 0.101        | 28.45         | 0.700       | 2                |
| 1880MHz_RB 50,#RB H             | Pass   | 8.40        | 19.96           | 19.96          | 0.099        | 28.36         | 0.685       | 2                |
| 1900MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| 1900MHz_RB 1,#RB L              | Pass   | 8.40        | 21.44           | 21.44          | 0.139        | 29.84         | 0.964       | 2                |
| 1900MHz_RB 1,#RB M              | Pass   | 8.40        | 21.06           | 21.06          | 0.128        | 29.46         | 0.883       | 2                |
| 1900MHz_RB 1,#RB H              | Pass   | 8.40        | 21.20           | 21.20          | 0.132        | 29.60         | 0.912       | 2                |
| 1900MHz_RB 50,#RB L             | Pass   | 8.40        | 20.29           | 20.29          | 0.107        | 28.69         | 0.740       | 2                |
| 1900MHz_RB 50,#RB M             | Pass   | 8.40        | 20.24           | 20.24          | 0.106        | 28.64         | 0.731       | 2                |
| 1900MHz_RB 50,#RB H             | Pass   | 8.40        | 20.14           | 20.14          | 0.103        | 28.54         | 0.714       | 2                |
| Band 2_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| 1860MHz_RB 1,#RB L              | Pass   | 8.40        | 21.31           | 21.31          | 0.135        | 29.71         | 0.935       | 2                |
| 1860MHz_RB 1,#RB M              | Pass   | 8.40        | 21.37           | 21.37          | 0.137        | 29.77         | 0.948       | 2                |
| 1860MHz_RB 1,#RB H              | Pass   | 8.40        | 20.95           | 20.95          | 0.124        | 29.35         | 0.861       | 2                |
| 1860MHz_RB 50,#RB L             | Pass   | 8.40        | 20.31           | 20.31          | 0.107        | 28.71         | 0.743       | 2                |
| 1860MHz_RB 50,#RB M             | Pass   | 8.40        | 20.20           | 20.20          | 0.105        | 28.60         | 0.724       | 2                |
| 1860MHz_RB 50,#RB H             | Pass   | 8.40        | 20.09           | 20.09          | 0.102        | 28.49         | 0.706       | 2                |
| 1880MHz_RB 100,#RB 0            | Pass   | 8.40        | 20.05           | 20.05          | 0.101        | 28.45         | 0.700       | 2                |

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

| Mode                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB L   | Pass   | 8.40        | 21.31           | 21.31          | 0.135        | 29.71         | 0.935       | 2                |
| 1880MHz_RB 1,#RB M   | Pass   | 8.40        | 21.20           | 21.20          | 0.132        | 29.60         | 0.912       | 2                |
| 1880MHz_RB 1,#RB H   | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1880MHz_RB 50,#RB L  | Pass   | 8.40        | 20.15           | 20.15          | 0.104        | 28.55         | 0.716       | 2                |
| 1880MHz_RB 50,#RB M  | Pass   | 8.40        | 20.08           | 20.08          | 0.102        | 28.48         | 0.705       | 2                |
| 1880MHz_RB 50,#RB H  | Pass   | 8.40        | 19.98           | 19.98          | 0.100        | 28.38         | 0.689       | 2                |
| 1900MHz_RB 100,#RB 0 | Pass   | 8.40        | 20.16           | 20.16          | 0.104        | 28.56         | 0.718       | 2                |
| 1900MHz_RB 1,#RB L   | Pass   | 8.40        | 21.43           | 21.43          | 0.139        | 29.83         | 0.962       | 2                |
| 1900MHz_RB 1,#RB M   | Pass   | 8.40        | 21.19           | 21.19          | 0.132        | 29.59         | 0.910       | 2                |
| 1900MHz_RB 1,#RB H   | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1900MHz_RB 50,#RB L  | Pass   | 8.40        | 20.30           | 20.30          | 0.107        | 28.70         | 0.741       | 2                |
| 1900MHz_RB 50,#RB M  | Pass   | 8.40        | 20.25           | 20.25          | 0.106        | 28.65         | 0.733       | 2                |
| 1900MHz_RB 50,#RB H  | Pass   | 8.40        | 20.13           | 20.13          | 0.103        | 28.53         | 0.713       | 2                |

**DG** = Directional Gain; **Port n** = Port n output power

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 4                    | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 21.80          | 0.151        | 27.10         | 0.513       |
| LTE_1.4MHz_Nss1,16QAM_1TX | 20.98          | 0.125        | 26.28         | 0.425       |
| LTE_1.4MHz_Nss1,64QAM_1TX | 20.13          | 0.103        | 25.43         | 0.349       |
| LTE_3MHz_Nss1,QPSK_1TX    | 21.53          | 0.142        | 26.83         | 0.482       |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.03          | 0.127        | 26.33         | 0.430       |
| LTE_3MHz_Nss1,64QAM_1TX   | 19.91          | 0.098        | 25.21         | 0.332       |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.09          | 0.162        | 27.39         | 0.548       |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.48          | 0.141        | 26.78         | 0.476       |
| LTE_5MHz_Nss1,64QAM_1TX   | 20.50          | 0.112        | 25.80         | 0.380       |
| LTE_10MHz_Nss1,QPSK_1TX   | 21.95          | 0.157        | 27.25         | 0.531       |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.36          | 0.137        | 26.66         | 0.463       |
| LTE_10MHz_Nss1,64QAM_1TX  | 20.58          | 0.114        | 25.88         | 0.387       |
| LTE_15MHz_Nss1,QPSK_1TX   | 22.01          | 0.159        | 27.31         | 0.538       |
| LTE_15MHz_Nss1,16QAM_1TX  | 21.25          | 0.133        | 26.55         | 0.452       |
| LTE_15MHz_Nss1,64QAM_1TX  | 20.33          | 0.108        | 25.63         | 0.366       |
| LTE_20MHz_Nss1,QPSK_1TX   | 21.91          | 0.155        | 27.21         | 0.526       |
| LTE_20MHz_Nss1,16QAM_1TX  | 21.16          | 0.131        | 26.46         | 0.443       |
| LTE_20MHz_Nss1,64QAM_1TX  | 20.41          | 0.110        | 25.71         | 0.372       |



Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Result**

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 5.3         | 20.64           | 20.64          | 0.116        | 25.94         | 0.393       | 1                |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5.3         | 21.31           | 21.31          | 0.135        | 26.61         | 0.458       | 1                |
| 1710.7MHz_RB 1,#RB M             | Pass   | 5.3         | 21.44           | 21.44          | 0.139        | 26.74         | 0.472       | 1                |
| 1710.7MHz_RB 1,#RB H             | Pass   | 5.3         | 21.67           | 21.67          | 0.147        | 26.97         | 0.498       | 1                |
| 1710.7MHz_RB 3,#RB L             | Pass   | 5.3         | 21.71           | 21.71          | 0.148        | 27.01         | 0.502       | 1                |
| 1710.7MHz_RB 3,#RB M             | Pass   | 5.3         | 21.80           | 21.80          | 0.151        | 27.10         | 0.513       | 1                |
| 1710.7MHz_RB 3,#RB H             | Pass   | 5.3         | 21.68           | 21.68          | 0.147        | 26.98         | 0.499       | 1                |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 5.3         | 20.38           | 20.38          | 0.109        | 25.68         | 0.370       | 1                |
| 1732.5MHz_RB 1,#RB L             | Pass   | 5.3         | 21.39           | 21.39          | 0.138        | 26.69         | 0.467       | 1                |
| 1732.5MHz_RB 1,#RB M             | Pass   | 5.3         | 21.34           | 21.34          | 0.136        | 26.64         | 0.461       | 1                |
| 1732.5MHz_RB 1,#RB H             | Pass   | 5.3         | 21.26           | 21.26          | 0.134        | 26.56         | 0.453       | 1                |
| 1732.5MHz_RB 3,#RB L             | Pass   | 5.3         | 21.68           | 21.68          | 0.147        | 26.98         | 0.499       | 1                |
| 1732.5MHz_RB 3,#RB M             | Pass   | 5.3         | 21.61           | 21.61          | 0.145        | 26.91         | 0.491       | 1                |
| 1732.5MHz_RB 3,#RB H             | Pass   | 5.3         | 21.70           | 21.70          | 0.148        | 27.00         | 0.501       | 1                |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 5.3         | 20.61           | 20.61          | 0.115        | 25.91         | 0.390       | 1                |
| 1754.3MHz_RB 1,#RB L             | Pass   | 5.3         | 21.63           | 21.63          | 0.146        | 26.93         | 0.493       | 1                |
| 1754.3MHz_RB 1,#RB M             | Pass   | 5.3         | 21.58           | 21.58          | 0.144        | 26.88         | 0.488       | 1                |
| 1754.3MHz_RB 1,#RB H             | Pass   | 5.3         | 21.60           | 21.60          | 0.145        | 26.90         | 0.490       | 1                |
| 1754.3MHz_RB 3,#RB L             | Pass   | 5.3         | 21.66           | 21.66          | 0.147        | 26.96         | 0.497       | 1                |
| 1754.3MHz_RB 3,#RB M             | Pass   | 5.3         | 21.66           | 21.66          | 0.147        | 26.96         | 0.497       | 1                |
| 1754.3MHz_RB 3,#RB H             | Pass   | 5.3         | 21.56           | 21.56          | 0.143        | 26.86         | 0.485       | 1                |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 5.3         | 19.48           | 19.48          | 0.089        | 24.78         | 0.301       | 1                |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5.3         | 20.91           | 20.91          | 0.123        | 26.21         | 0.418       | 1                |
| 1710.7MHz_RB 1,#RB M             | Pass   | 5.3         | 20.77           | 20.77          | 0.119        | 26.07         | 0.405       | 1                |
| 1710.7MHz_RB 1,#RB H             | Pass   | 5.3         | 20.90           | 20.90          | 0.123        | 26.20         | 0.417       | 1                |
| 1710.7MHz_RB 3,#RB L             | Pass   | 5.3         | 20.89           | 20.89          | 0.123        | 26.19         | 0.416       | 1                |
| 1710.7MHz_RB 3,#RB M             | Pass   | 5.3         | 20.98           | 20.98          | 0.125        | 26.28         | 0.425       | 1                |
| 1710.7MHz_RB 3,#RB H             | Pass   | 5.3         | 20.90           | 20.90          | 0.123        | 26.20         | 0.417       | 1                |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 5.3         | 19.66           | 19.66          | 0.092        | 24.96         | 0.313       | 1                |
| 1732.5MHz_RB 1,#RB L             | Pass   | 5.3         | 20.62           | 20.62          | 0.115        | 25.92         | 0.391       | 1                |
| 1732.5MHz_RB 1,#RB M             | Pass   | 5.3         | 20.88           | 20.88          | 0.122        | 26.18         | 0.415       | 1                |
| 1732.5MHz_RB 1,#RB H             | Pass   | 5.3         | 20.76           | 20.76          | 0.119        | 26.06         | 0.404       | 1                |
| 1732.5MHz_RB 3,#RB L             | Pass   | 5.3         | 20.88           | 20.88          | 0.122        | 26.18         | 0.415       | 1                |
| 1732.5MHz_RB 3,#RB M             | Pass   | 5.3         | 20.80           | 20.80          | 0.120        | 26.10         | 0.407       | 1                |
| 1732.5MHz_RB 3,#RB H             | Pass   | 5.3         | 20.78           | 20.78          | 0.120        | 26.08         | 0.406       | 1                |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 5.3         | 19.49           | 19.49          | 0.089        | 24.79         | 0.301       | 1                |
| 1754.3MHz_RB 1,#RB L             | Pass   | 5.3         | 20.62           | 20.62          | 0.115        | 25.92         | 0.391       | 1                |
| 1754.3MHz_RB 1,#RB M             | Pass   | 5.3         | 20.57           | 20.57          | 0.114        | 25.87         | 0.386       | 1                |
| 1754.3MHz_RB 1,#RB H             | Pass   | 5.3         | 20.38           | 20.38          | 0.109        | 25.68         | 0.370       | 1                |
| 1754.3MHz_RB 3,#RB L             | Pass   | 5.3         | 20.80           | 20.80          | 0.120        | 26.10         | 0.407       | 1                |
| 1754.3MHz_RB 3,#RB M             | Pass   | 5.3         | 20.86           | 20.86          | 0.122        | 26.16         | 0.413       | 1                |
| 1754.3MHz_RB 3,#RB H             | Pass   | 5.3         | 20.84           | 20.84          | 0.121        | 26.14         | 0.411       | 1                |
| Band 4_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 5.3         | 18.83           | 18.83          | 0.076        | 24.13         | 0.259       | 1                |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5.3         | 19.87           | 19.87          | 0.097        | 25.17         | 0.329       | 1                |

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1710.7MHz_RB 1,#RB M           | Pass   | 5.3         | 20.00           | 20.00          | 0.100        | 25.30         | 0.339       | 1                |
| 1710.7MHz_RB 1,#RB H           | Pass   | 5.3         | 19.73           | 19.73          | 0.094        | 25.03         | 0.318       | 1                |
| 1710.7MHz_RB 3,#RB L           | Pass   | 5.3         | 20.03           | 20.03          | 0.101        | 25.33         | 0.341       | 1                |
| 1710.7MHz_RB 3,#RB M           | Pass   | 5.3         | 20.13           | 20.13          | 0.103        | 25.43         | 0.349       | 1                |
| 1710.7MHz_RB 3,#RB H           | Pass   | 5.3         | 19.94           | 19.94          | 0.099        | 25.24         | 0.334       | 1                |
| 1732.5MHz_RB 6,#RB 0           | Pass   | 5.3         | 18.77           | 18.77          | 0.075        | 24.07         | 0.255       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 19.85           | 19.85          | 0.097        | 25.15         | 0.327       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 19.85           | 19.85          | 0.097        | 25.15         | 0.327       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 19.91           | 19.91          | 0.098        | 25.21         | 0.332       | 1                |
| 1732.5MHz_RB 3,#RB L           | Pass   | 5.3         | 19.85           | 19.85          | 0.097        | 25.15         | 0.327       | 1                |
| 1732.5MHz_RB 3,#RB M           | Pass   | 5.3         | 19.88           | 19.88          | 0.097        | 25.18         | 0.330       | 1                |
| 1732.5MHz_RB 3,#RB H           | Pass   | 5.3         | 19.88           | 19.88          | 0.097        | 25.18         | 0.330       | 1                |
| 1754.3MHz_RB 6,#RB 0           | Pass   | 5.3         | 18.78           | 18.78          | 0.076        | 24.08         | 0.256       | 1                |
| 1754.3MHz_RB 1,#RB L           | Pass   | 5.3         | 19.47           | 19.47          | 0.089        | 24.77         | 0.300       | 1                |
| 1754.3MHz_RB 1,#RB M           | Pass   | 5.3         | 20.05           | 20.05          | 0.101        | 25.35         | 0.343       | 1                |
| 1754.3MHz_RB 1,#RB H           | Pass   | 5.3         | 19.52           | 19.52          | 0.090        | 24.82         | 0.303       | 1                |
| 1754.3MHz_RB 3,#RB L           | Pass   | 5.3         | 19.80           | 19.80          | 0.095        | 25.10         | 0.324       | 1                |
| 1754.3MHz_RB 3,#RB M           | Pass   | 5.3         | 19.98           | 19.98          | 0.100        | 25.28         | 0.337       | 1                |
| 1754.3MHz_RB 3,#RB H           | Pass   | 5.3         | 19.95           | 19.95          | 0.099        | 25.25         | 0.335       | 1                |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 20.63           | 20.63          | 0.116        | 25.93         | 0.392       | 1                |
| 1711.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.50           | 21.50          | 0.141        | 26.80         | 0.479       | 1                |
| 1711.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.44           | 21.44          | 0.139        | 26.74         | 0.472       | 1                |
| 1711.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.38           | 21.38          | 0.137        | 26.68         | 0.466       | 1                |
| 1711.5MHz_RB 8,#RB L           | Pass   | 5.3         | 20.66           | 20.66          | 0.116        | 25.96         | 0.394       | 1                |
| 1711.5MHz_RB 8,#RB M           | Pass   | 5.3         | 20.66           | 20.66          | 0.116        | 25.96         | 0.394       | 1                |
| 1711.5MHz_RB 8,#RB H           | Pass   | 5.3         | 20.54           | 20.54          | 0.113        | 25.84         | 0.384       | 1                |
| 1732.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 20.62           | 20.62          | 0.115        | 25.92         | 0.391       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.46           | 21.46          | 0.140        | 26.76         | 0.474       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.51           | 21.51          | 0.142        | 26.81         | 0.480       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.28           | 21.28          | 0.134        | 26.58         | 0.455       | 1                |
| 1732.5MHz_RB 8,#RB L           | Pass   | 5.3         | 20.56           | 20.56          | 0.114        | 25.86         | 0.385       | 1                |
| 1732.5MHz_RB 8,#RB M           | Pass   | 5.3         | 20.74           | 20.74          | 0.119        | 26.04         | 0.402       | 1                |
| 1732.5MHz_RB 8,#RB H           | Pass   | 5.3         | 20.50           | 20.50          | 0.112        | 25.80         | 0.380       | 1                |
| 1753.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 20.68           | 20.68          | 0.117        | 25.98         | 0.396       | 1                |
| 1753.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.24           | 21.24          | 0.133        | 26.54         | 0.451       | 1                |
| 1753.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.53           | 21.53          | 0.142        | 26.83         | 0.482       | 1                |
| 1753.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.16           | 21.16          | 0.131        | 26.46         | 0.443       | 1                |
| 1753.5MHz_RB 8,#RB L           | Pass   | 5.3         | 20.62           | 20.62          | 0.115        | 25.92         | 0.391       | 1                |
| 1753.5MHz_RB 8,#RB M           | Pass   | 5.3         | 20.60           | 20.60          | 0.115        | 25.90         | 0.389       | 1                |
| 1753.5MHz_RB 8,#RB H           | Pass   | 5.3         | 20.55           | 20.55          | 0.114        | 25.85         | 0.385       | 1                |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 19.63           | 19.63          | 0.092        | 24.93         | 0.311       | 1                |
| 1711.5MHz_RB 1,#RB L           | Pass   | 5.3         | 20.42           | 20.42          | 0.110        | 25.72         | 0.373       | 1                |
| 1711.5MHz_RB 1,#RB M           | Pass   | 5.3         | 20.80           | 20.80          | 0.120        | 26.10         | 0.407       | 1                |
| 1711.5MHz_RB 1,#RB H           | Pass   | 5.3         | 20.93           | 20.93          | 0.124        | 26.23         | 0.420       | 1                |
| 1711.5MHz_RB 8,#RB L           | Pass   | 5.3         | 19.78           | 19.78          | 0.095        | 25.08         | 0.322       | 1                |
| 1711.5MHz_RB 8,#RB M           | Pass   | 5.3         | 19.81           | 19.81          | 0.096        | 25.11         | 0.324       | 1                |

## Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1711.5MHz_RB 8,#RB H           | Pass   | 5.3         | 19.89           | 19.89          | 0.097        | 25.19         | 0.330       | 1                |
| 1732.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 19.61           | 19.61          | 0.091        | 24.91         | 0.310       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 20.87           | 20.87          | 0.122        | 26.17         | 0.414       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 20.82           | 20.82          | 0.121        | 26.12         | 0.409       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 20.67           | 20.67          | 0.117        | 25.97         | 0.395       | 1                |
| 1732.5MHz_RB 8,#RB L           | Pass   | 5.3         | 19.73           | 19.73          | 0.094        | 25.03         | 0.318       | 1                |
| 1732.5MHz_RB 8,#RB M           | Pass   | 5.3         | 19.81           | 19.81          | 0.096        | 25.11         | 0.324       | 1                |
| 1732.5MHz_RB 8,#RB H           | Pass   | 5.3         | 19.76           | 19.76          | 0.095        | 25.06         | 0.321       | 1                |
| 1753.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 19.77           | 19.77          | 0.095        | 25.07         | 0.321       | 1                |
| 1753.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.03           | 21.03          | 0.127        | 26.33         | 0.430       | 1                |
| 1753.5MHz_RB 1,#RB M           | Pass   | 5.3         | 20.58           | 20.58          | 0.114        | 25.88         | 0.387       | 1                |
| 1753.5MHz_RB 1,#RB H           | Pass   | 5.3         | 20.85           | 20.85          | 0.122        | 26.15         | 0.412       | 1                |
| 1753.5MHz_RB 8,#RB L           | Pass   | 5.3         | 19.92           | 19.92          | 0.098        | 25.22         | 0.333       | 1                |
| 1753.5MHz_RB 8,#RB M           | Pass   | 5.3         | 19.90           | 19.90          | 0.098        | 25.20         | 0.331       | 1                |
| 1753.5MHz_RB 8,#RB H           | Pass   | 5.3         | 19.65           | 19.65          | 0.092        | 24.95         | 0.313       | 1                |
| Band 4_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 18.80           | 18.80          | 0.076        | 24.10         | 0.257       | 1                |
| 1711.5MHz_RB 1,#RB L           | Pass   | 5.3         | 19.82           | 19.82          | 0.096        | 25.12         | 0.325       | 1                |
| 1711.5MHz_RB 1,#RB M           | Pass   | 5.3         | 19.53           | 19.53          | 0.090        | 24.83         | 0.304       | 1                |
| 1711.5MHz_RB 1,#RB H           | Pass   | 5.3         | 19.59           | 19.59          | 0.091        | 24.89         | 0.308       | 1                |
| 1711.5MHz_RB 8,#RB L           | Pass   | 5.3         | 18.94           | 18.94          | 0.078        | 24.24         | 0.265       | 1                |
| 1711.5MHz_RB 8,#RB M           | Pass   | 5.3         | 18.92           | 18.92          | 0.078        | 24.22         | 0.264       | 1                |
| 1711.5MHz_RB 8,#RB H           | Pass   | 5.3         | 18.76           | 18.76          | 0.075        | 24.06         | 0.255       | 1                |
| 1732.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 18.75           | 18.75          | 0.075        | 24.05         | 0.254       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 19.49           | 19.49          | 0.089        | 24.79         | 0.301       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 19.88           | 19.88          | 0.097        | 25.18         | 0.330       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 19.77           | 19.77          | 0.095        | 25.07         | 0.321       | 1                |
| 1732.5MHz_RB 8,#RB L           | Pass   | 5.3         | 18.74           | 18.74          | 0.075        | 24.04         | 0.254       | 1                |
| 1732.5MHz_RB 8,#RB M           | Pass   | 5.3         | 18.90           | 18.90          | 0.078        | 24.20         | 0.263       | 1                |
| 1732.5MHz_RB 8,#RB H           | Pass   | 5.3         | 18.72           | 18.72          | 0.074        | 24.02         | 0.252       | 1                |
| 1753.5MHz_RB 15,#RB 0          | Pass   | 5.3         | 18.82           | 18.82          | 0.076        | 24.12         | 0.258       | 1                |
| 1753.5MHz_RB 1,#RB L           | Pass   | 5.3         | 19.70           | 19.70          | 0.093        | 25.00         | 0.316       | 1                |
| 1753.5MHz_RB 1,#RB M           | Pass   | 5.3         | 19.91           | 19.91          | 0.098        | 25.21         | 0.332       | 1                |
| 1753.5MHz_RB 1,#RB H           | Pass   | 5.3         | 19.70           | 19.70          | 0.093        | 25.00         | 0.316       | 1                |
| 1753.5MHz_RB 8,#RB L           | Pass   | 5.3         | 18.82           | 18.82          | 0.076        | 24.12         | 0.258       | 1                |
| 1753.5MHz_RB 8,#RB M           | Pass   | 5.3         | 18.85           | 18.85          | 0.077        | 24.15         | 0.260       | 1                |
| 1753.5MHz_RB 8,#RB H           | Pass   | 5.3         | 18.78           | 18.78          | 0.076        | 24.08         | 0.256       | 1                |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 21.28           | 21.28          | 0.134        | 26.58         | 0.455       | 1                |
| 1712.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.94           | 21.94          | 0.156        | 27.24         | 0.530       | 1                |
| 1712.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.90           | 21.90          | 0.155        | 27.20         | 0.525       | 1                |
| 1712.5MHz_RB 1,#RB H           | Pass   | 5.3         | 22.06           | 22.06          | 0.161        | 27.36         | 0.545       | 1                |
| 1712.5MHz_RB 12,#RB L          | Pass   | 5.3         | 21.29           | 21.29          | 0.135        | 26.59         | 0.456       | 1                |
| 1712.5MHz_RB 12,#RB M          | Pass   | 5.3         | 21.24           | 21.24          | 0.133        | 26.54         | 0.451       | 1                |
| 1712.5MHz_RB 12,#RB H          | Pass   | 5.3         | 21.20           | 21.20          | 0.132        | 26.50         | 0.447       | 1                |
| 1732.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 21.14           | 21.14          | 0.130        | 26.44         | 0.441       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.99           | 21.99          | 0.158        | 27.29         | 0.536       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 22.09           | 22.09          | 0.162        | 27.39         | 0.548       | 1                |

## Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.87           | 21.87          | 0.154        | 27.17         | 0.521       | 1                |
| 1732.5MHz_RB 12,#RB L          | Pass   | 5.3         | 21.24           | 21.24          | 0.133        | 26.54         | 0.451       | 1                |
| 1732.5MHz_RB 12,#RB M          | Pass   | 5.3         | 21.24           | 21.24          | 0.133        | 26.54         | 0.451       | 1                |
| 1732.5MHz_RB 12,#RB H          | Pass   | 5.3         | 21.16           | 21.16          | 0.131        | 26.46         | 0.443       | 1                |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 21.20           | 21.20          | 0.132        | 26.50         | 0.447       | 1                |
| 1752.5MHz_RB 1,#RB L           | Pass   | 5.3         | 22.07           | 22.07          | 0.161        | 27.37         | 0.546       | 1                |
| 1752.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.98           | 21.98          | 0.158        | 27.28         | 0.535       | 1                |
| 1752.5MHz_RB 1,#RB H           | Pass   | 5.3         | 22.06           | 22.06          | 0.161        | 27.36         | 0.545       | 1                |
| 1752.5MHz_RB 12,#RB L          | Pass   | 5.3         | 21.20           | 21.20          | 0.132        | 26.50         | 0.447       | 1                |
| 1752.5MHz_RB 12,#RB M          | Pass   | 5.3         | 21.20           | 21.20          | 0.132        | 26.50         | 0.447       | 1                |
| 1752.5MHz_RB 12,#RB H          | Pass   | 5.3         | 21.12           | 21.12          | 0.129        | 26.42         | 0.439       | 1                |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 20.25           | 20.25          | 0.106        | 25.55         | 0.359       | 1                |
| 1712.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.23           | 21.23          | 0.133        | 26.53         | 0.450       | 1                |
| 1712.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.29           | 21.29          | 0.135        | 26.59         | 0.456       | 1                |
| 1712.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.25           | 21.25          | 0.133        | 26.55         | 0.452       | 1                |
| 1712.5MHz_RB 12,#RB L          | Pass   | 5.3         | 20.44           | 20.44          | 0.111        | 25.74         | 0.375       | 1                |
| 1712.5MHz_RB 12,#RB M          | Pass   | 5.3         | 20.45           | 20.45          | 0.111        | 25.75         | 0.376       | 1                |
| 1712.5MHz_RB 12,#RB H          | Pass   | 5.3         | 20.39           | 20.39          | 0.109        | 25.69         | 0.371       | 1                |
| 1732.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 20.26           | 20.26          | 0.106        | 25.56         | 0.360       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.33           | 21.33          | 0.136        | 26.63         | 0.460       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.25           | 21.25          | 0.133        | 26.55         | 0.452       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.15           | 21.15          | 0.130        | 26.45         | 0.442       | 1                |
| 1732.5MHz_RB 12,#RB L          | Pass   | 5.3         | 20.32           | 20.32          | 0.108        | 25.62         | 0.365       | 1                |
| 1732.5MHz_RB 12,#RB M          | Pass   | 5.3         | 20.33           | 20.33          | 0.108        | 25.63         | 0.366       | 1                |
| 1732.5MHz_RB 12,#RB H          | Pass   | 5.3         | 20.26           | 20.26          | 0.106        | 25.56         | 0.360       | 1                |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 20.26           | 20.26          | 0.106        | 25.56         | 0.360       | 1                |
| 1752.5MHz_RB 1,#RB L           | Pass   | 5.3         | 21.48           | 21.48          | 0.141        | 26.78         | 0.476       | 1                |
| 1752.5MHz_RB 1,#RB M           | Pass   | 5.3         | 21.26           | 21.26          | 0.134        | 26.56         | 0.453       | 1                |
| 1752.5MHz_RB 1,#RB H           | Pass   | 5.3         | 21.31           | 21.31          | 0.135        | 26.61         | 0.458       | 1                |
| 1752.5MHz_RB 12,#RB L          | Pass   | 5.3         | 20.33           | 20.33          | 0.108        | 25.63         | 0.366       | 1                |
| 1752.5MHz_RB 12,#RB M          | Pass   | 5.3         | 20.30           | 20.30          | 0.107        | 25.60         | 0.363       | 1                |
| 1752.5MHz_RB 12,#RB H          | Pass   | 5.3         | 20.31           | 20.31          | 0.107        | 25.61         | 0.364       | 1                |
| Band 4_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 19.35           | 19.35          | 0.086        | 24.65         | 0.292       | 1                |
| 1712.5MHz_RB 1,#RB L           | Pass   | 5.3         | 20.30           | 20.30          | 0.107        | 25.60         | 0.363       | 1                |
| 1712.5MHz_RB 1,#RB M           | Pass   | 5.3         | 20.18           | 20.18          | 0.104        | 25.48         | 0.353       | 1                |
| 1712.5MHz_RB 1,#RB H           | Pass   | 5.3         | 20.17           | 20.17          | 0.104        | 25.47         | 0.352       | 1                |
| 1712.5MHz_RB 12,#RB L          | Pass   | 5.3         | 19.35           | 19.35          | 0.086        | 24.65         | 0.292       | 1                |
| 1712.5MHz_RB 12,#RB M          | Pass   | 5.3         | 19.43           | 19.43          | 0.088        | 24.73         | 0.297       | 1                |
| 1712.5MHz_RB 12,#RB H          | Pass   | 5.3         | 19.40           | 19.40          | 0.087        | 24.70         | 0.295       | 1                |
| 1732.5MHz_RB 25,#RB 0          | Pass   | 5.3         | 19.07           | 19.07          | 0.081        | 24.37         | 0.274       | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.3         | 20.14           | 20.14          | 0.103        | 25.44         | 0.350       | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.3         | 20.50           | 20.50          | 0.112        | 25.80         | 0.380       | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.3         | 20.41           | 20.41          | 0.110        | 25.71         | 0.372       | 1                |
| 1732.5MHz_RB 12,#RB L          | Pass   | 5.3         | 19.29           | 19.29          | 0.085        | 24.59         | 0.288       | 1                |
| 1732.5MHz_RB 12,#RB M          | Pass   | 5.3         | 19.33           | 19.33          | 0.086        | 24.63         | 0.290       | 1                |
| 1732.5MHz_RB 12,#RB H          | Pass   | 5.3         | 19.31           | 19.31          | 0.085        | 24.61         | 0.289       | 1                |

## Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1752.5MHz_RB 25,#RB 0           | Pass   | 5.3         | 19.31           | 19.31          | 0.085        | 24.61         | 0.289       | 1                |
| 1752.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.26           | 20.26          | 0.106        | 25.56         | 0.360       | 1                |
| 1752.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.28           | 20.28          | 0.107        | 25.58         | 0.361       | 1                |
| 1752.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.14           | 20.14          | 0.103        | 25.44         | 0.350       | 1                |
| 1752.5MHz_RB 12,#RB L           | Pass   | 5.3         | 19.39           | 19.39          | 0.087        | 24.69         | 0.294       | 1                |
| 1752.5MHz_RB 12,#RB M           | Pass   | 5.3         | 19.37           | 19.37          | 0.086        | 24.67         | 0.293       | 1                |
| 1752.5MHz_RB 12,#RB H           | Pass   | 5.3         | 19.28           | 19.28          | 0.085        | 24.58         | 0.287       | 1                |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0             | Pass   | 5.3         | 21.06           | 21.06          | 0.128        | 26.36         | 0.433       | 1                |
| 1715MHz_RB 1,#RB L              | Pass   | 5.3         | 21.95           | 21.95          | 0.157        | 27.25         | 0.531       | 1                |
| 1715MHz_RB 1,#RB M              | Pass   | 5.3         | 21.90           | 21.90          | 0.155        | 27.20         | 0.525       | 1                |
| 1715MHz_RB 1,#RB H              | Pass   | 5.3         | 21.88           | 21.88          | 0.154        | 27.18         | 0.522       | 1                |
| 1715MHz_RB 25,#RB L             | Pass   | 5.3         | 21.11           | 21.11          | 0.129        | 26.41         | 0.438       | 1                |
| 1715MHz_RB 25,#RB M             | Pass   | 5.3         | 21.01           | 21.01          | 0.126        | 26.31         | 0.428       | 1                |
| 1715MHz_RB 25,#RB H             | Pass   | 5.3         | 21.08           | 21.08          | 0.128        | 26.38         | 0.435       | 1                |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 5.3         | 20.93           | 20.93          | 0.124        | 26.23         | 0.420       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.81           | 21.81          | 0.152        | 27.11         | 0.514       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 21.60           | 21.60          | 0.145        | 26.90         | 0.490       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.85           | 21.85          | 0.153        | 27.15         | 0.519       | 1                |
| 1732.5MHz_RB 25,#RB L           | Pass   | 5.3         | 21.07           | 21.07          | 0.128        | 26.37         | 0.434       | 1                |
| 1732.5MHz_RB 25,#RB M           | Pass   | 5.3         | 20.99           | 20.99          | 0.126        | 26.29         | 0.426       | 1                |
| 1732.5MHz_RB 25,#RB H           | Pass   | 5.3         | 20.99           | 20.99          | 0.126        | 26.29         | 0.426       | 1                |
| 1750MHz_RB 50,#RB 0             | Pass   | 5.3         | 20.91           | 20.91          | 0.123        | 26.21         | 0.418       | 1                |
| 1750MHz_RB 1,#RB L              | Pass   | 5.3         | 21.59           | 21.59          | 0.144        | 26.89         | 0.489       | 1                |
| 1750MHz_RB 1,#RB M              | Pass   | 5.3         | 21.60           | 21.60          | 0.145        | 26.90         | 0.490       | 1                |
| 1750MHz_RB 1,#RB H              | Pass   | 5.3         | 21.70           | 21.70          | 0.148        | 27.00         | 0.501       | 1                |
| 1750MHz_RB 25,#RB L             | Pass   | 5.3         | 20.93           | 20.93          | 0.124        | 26.23         | 0.420       | 1                |
| 1750MHz_RB 25,#RB M             | Pass   | 5.3         | 20.95           | 20.95          | 0.124        | 26.25         | 0.422       | 1                |
| 1750MHz_RB 25,#RB H             | Pass   | 5.3         | 21.00           | 21.00          | 0.126        | 26.30         | 0.427       | 1                |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0             | Pass   | 5.3         | 20.14           | 20.14          | 0.103        | 25.44         | 0.350       | 1                |
| 1715MHz_RB 1,#RB L              | Pass   | 5.3         | 21.19           | 21.19          | 0.132        | 26.49         | 0.446       | 1                |
| 1715MHz_RB 1,#RB M              | Pass   | 5.3         | 20.81           | 20.81          | 0.121        | 26.11         | 0.408       | 1                |
| 1715MHz_RB 1,#RB H              | Pass   | 5.3         | 21.10           | 21.10          | 0.129        | 26.40         | 0.437       | 1                |
| 1715MHz_RB 25,#RB L             | Pass   | 5.3         | 20.30           | 20.30          | 0.107        | 25.60         | 0.363       | 1                |
| 1715MHz_RB 25,#RB M             | Pass   | 5.3         | 20.19           | 20.19          | 0.104        | 25.49         | 0.354       | 1                |
| 1715MHz_RB 25,#RB H             | Pass   | 5.3         | 20.20           | 20.20          | 0.105        | 25.50         | 0.355       | 1                |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 5.3         | 19.96           | 19.96          | 0.099        | 25.26         | 0.336       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.98           | 20.98          | 0.125        | 26.28         | 0.425       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.91           | 20.91          | 0.123        | 26.21         | 0.418       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.01           | 21.01          | 0.126        | 26.31         | 0.428       | 1                |
| 1732.5MHz_RB 25,#RB L           | Pass   | 5.3         | 20.15           | 20.15          | 0.104        | 25.45         | 0.351       | 1                |
| 1732.5MHz_RB 25,#RB M           | Pass   | 5.3         | 20.11           | 20.11          | 0.103        | 25.41         | 0.348       | 1                |
| 1732.5MHz_RB 25,#RB H           | Pass   | 5.3         | 20.04           | 20.04          | 0.101        | 25.34         | 0.342       | 1                |
| 1750MHz_RB 50,#RB 0             | Pass   | 5.3         | 19.88           | 19.88          | 0.097        | 25.18         | 0.330       | 1                |
| 1750MHz_RB 1,#RB L              | Pass   | 5.3         | 20.92           | 20.92          | 0.124        | 26.22         | 0.419       | 1                |
| 1750MHz_RB 1,#RB M              | Pass   | 5.3         | 21.36           | 21.36          | 0.137        | 26.66         | 0.463       | 1                |
| 1750MHz_RB 1,#RB H              | Pass   | 5.3         | 21.14           | 21.14          | 0.130        | 26.44         | 0.441       | 1                |



## Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1750MHz_RB 25,#RB L             | Pass   | 5.3         | 20.11           | 20.11          | 0.103        | 25.41         | 0.348       | 1                |
| 1750MHz_RB 25,#RB M             | Pass   | 5.3         | 20.10           | 20.10          | 0.102        | 25.40         | 0.347       | 1                |
| 1750MHz_RB 25,#RB H             | Pass   | 5.3         | 20.12           | 20.12          | 0.103        | 25.42         | 0.348       | 1                |
| Band 4_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0             | Pass   | 5.3         | 19.20           | 19.20          | 0.083        | 24.50         | 0.282       | 1                |
| 1715MHz_RB 1,#RB L              | Pass   | 5.3         | 20.18           | 20.18          | 0.104        | 25.48         | 0.353       | 1                |
| 1715MHz_RB 1,#RB M              | Pass   | 5.3         | 20.45           | 20.45          | 0.111        | 25.75         | 0.376       | 1                |
| 1715MHz_RB 1,#RB H              | Pass   | 5.3         | 20.08           | 20.08          | 0.102        | 25.38         | 0.345       | 1                |
| 1715MHz_RB 25,#RB L             | Pass   | 5.3         | 19.30           | 19.30          | 0.085        | 24.60         | 0.288       | 1                |
| 1715MHz_RB 25,#RB M             | Pass   | 5.3         | 19.18           | 19.18          | 0.083        | 24.48         | 0.281       | 1                |
| 1715MHz_RB 25,#RB H             | Pass   | 5.3         | 19.14           | 19.14          | 0.082        | 24.44         | 0.278       | 1                |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 5.3         | 19.15           | 19.15          | 0.082        | 24.45         | 0.279       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.58           | 20.58          | 0.114        | 25.88         | 0.387       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.14           | 20.14          | 0.103        | 25.44         | 0.350       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.13           | 20.13          | 0.103        | 25.43         | 0.349       | 1                |
| 1732.5MHz_RB 25,#RB L           | Pass   | 5.3         | 19.15           | 19.15          | 0.082        | 24.45         | 0.279       | 1                |
| 1732.5MHz_RB 25,#RB M           | Pass   | 5.3         | 19.14           | 19.14          | 0.082        | 24.44         | 0.278       | 1                |
| 1732.5MHz_RB 25,#RB H           | Pass   | 5.3         | 19.16           | 19.16          | 0.082        | 24.46         | 0.279       | 1                |
| 1750MHz_RB 50,#RB 0             | Pass   | 5.3         | 19.05           | 19.05          | 0.080        | 24.35         | 0.272       | 1                |
| 1750MHz_RB 1,#RB L              | Pass   | 5.3         | 19.73           | 19.73          | 0.094        | 25.03         | 0.318       | 1                |
| 1750MHz_RB 1,#RB M              | Pass   | 5.3         | 19.87           | 19.87          | 0.097        | 25.17         | 0.329       | 1                |
| 1750MHz_RB 1,#RB H              | Pass   | 5.3         | 20.07           | 20.07          | 0.102        | 25.37         | 0.344       | 1                |
| 1750MHz_RB 25,#RB L             | Pass   | 5.3         | 19.17           | 19.17          | 0.083        | 24.47         | 0.280       | 1                |
| 1750MHz_RB 25,#RB M             | Pass   | 5.3         | 19.18           | 19.18          | 0.083        | 24.48         | 0.281       | 1                |
| 1750MHz_RB 25,#RB H             | Pass   | 5.3         | 19.16           | 19.16          | 0.082        | 24.46         | 0.279       | 1                |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 21.08           | 21.08          | 0.128        | 26.38         | 0.435       | 1                |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.90           | 21.90          | 0.155        | 27.20         | 0.525       | 1                |
| 1717.5MHz_RB 1,#RB M            | Pass   | 5.3         | 21.59           | 21.59          | 0.144        | 26.89         | 0.489       | 1                |
| 1717.5MHz_RB 1,#RB H            | Pass   | 5.3         | 22.01           | 22.01          | 0.159        | 27.31         | 0.538       | 1                |
| 1717.5MHz_RB 36,#RB L           | Pass   | 5.3         | 21.01           | 21.01          | 0.126        | 26.31         | 0.428       | 1                |
| 1717.5MHz_RB 36,#RB M           | Pass   | 5.3         | 21.04           | 21.04          | 0.127        | 26.34         | 0.431       | 1                |
| 1717.5MHz_RB 36,#RB H           | Pass   | 5.3         | 21.00           | 21.00          | 0.126        | 26.30         | 0.427       | 1                |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 20.93           | 20.93          | 0.124        | 26.23         | 0.420       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.93           | 21.93          | 0.156        | 27.23         | 0.528       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 21.57           | 21.57          | 0.144        | 26.87         | 0.486       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.69           | 21.69          | 0.148        | 26.99         | 0.500       | 1                |
| 1732.5MHz_RB 36,#RB L           | Pass   | 5.3         | 20.98           | 20.98          | 0.125        | 26.28         | 0.425       | 1                |
| 1732.5MHz_RB 36,#RB M           | Pass   | 5.3         | 20.91           | 20.91          | 0.123        | 26.21         | 0.418       | 1                |
| 1732.5MHz_RB 36,#RB H           | Pass   | 5.3         | 20.80           | 20.80          | 0.120        | 26.10         | 0.407       | 1                |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 20.88           | 20.88          | 0.122        | 26.18         | 0.415       | 1                |
| 1747.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.84           | 21.84          | 0.153        | 27.14         | 0.518       | 1                |
| 1747.5MHz_RB 1,#RB M            | Pass   | 5.3         | 21.65           | 21.65          | 0.146        | 26.95         | 0.495       | 1                |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.75           | 21.75          | 0.150        | 27.05         | 0.507       | 1                |
| 1747.5MHz_RB 36,#RB L           | Pass   | 5.3         | 20.97           | 20.97          | 0.125        | 26.27         | 0.424       | 1                |
| 1747.5MHz_RB 36,#RB M           | Pass   | 5.3         | 20.91           | 20.91          | 0.123        | 26.21         | 0.418       | 1                |
| 1747.5MHz_RB 36,#RB H           | Pass   | 5.3         | 20.88           | 20.88          | 0.122        | 26.18         | 0.415       | 1                |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 20.01           | 20.01          | 0.100        | 25.31         | 0.340       | 1                |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.87           | 20.87          | 0.122        | 26.17         | 0.414       | 1                |
| 1717.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.55           | 20.55          | 0.114        | 25.85         | 0.385       | 1                |
| 1717.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.69           | 20.69          | 0.117        | 25.99         | 0.397       | 1                |
| 1717.5MHz_RB 36,#RB L           | Pass   | 5.3         | 20.09           | 20.09          | 0.102        | 25.39         | 0.346       | 1                |
| 1717.5MHz_RB 36,#RB M           | Pass   | 5.3         | 20.17           | 20.17          | 0.104        | 25.47         | 0.352       | 1                |
| 1717.5MHz_RB 36,#RB H           | Pass   | 5.3         | 20.08           | 20.08          | 0.102        | 25.38         | 0.345       | 1                |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 19.98           | 19.98          | 0.100        | 25.28         | 0.337       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.05           | 21.05          | 0.127        | 26.35         | 0.432       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.99           | 20.99          | 0.126        | 26.29         | 0.426       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.17           | 21.17          | 0.131        | 26.47         | 0.444       | 1                |
| 1732.5MHz_RB 36,#RB L           | Pass   | 5.3         | 20.11           | 20.11          | 0.103        | 25.41         | 0.348       | 1                |
| 1732.5MHz_RB 36,#RB M           | Pass   | 5.3         | 20.12           | 20.12          | 0.103        | 25.42         | 0.348       | 1                |
| 1732.5MHz_RB 36,#RB H           | Pass   | 5.3         | 19.95           | 19.95          | 0.099        | 25.25         | 0.335       | 1                |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 20.00           | 20.00          | 0.100        | 25.30         | 0.339       | 1                |
| 1747.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.25           | 21.25          | 0.133        | 26.55         | 0.452       | 1                |
| 1747.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.99           | 20.99          | 0.126        | 26.29         | 0.426       | 1                |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.01           | 21.01          | 0.126        | 26.31         | 0.428       | 1                |
| 1747.5MHz_RB 36,#RB L           | Pass   | 5.3         | 20.08           | 20.08          | 0.102        | 25.38         | 0.345       | 1                |
| 1747.5MHz_RB 36,#RB M           | Pass   | 5.3         | 20.09           | 20.09          | 0.102        | 25.39         | 0.346       | 1                |
| 1747.5MHz_RB 36,#RB H           | Pass   | 5.3         | 20.01           | 20.01          | 0.100        | 25.31         | 0.340       | 1                |
| Band 4_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 19.15           | 19.15          | 0.082        | 24.45         | 0.279       | 1                |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.21           | 20.21          | 0.105        | 25.51         | 0.356       | 1                |
| 1717.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.18           | 20.18          | 0.104        | 25.48         | 0.353       | 1                |
| 1717.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.31           | 20.31          | 0.107        | 25.61         | 0.364       | 1                |
| 1717.5MHz_RB 36,#RB L           | Pass   | 5.3         | 19.24           | 19.24          | 0.084        | 24.54         | 0.284       | 1                |
| 1717.5MHz_RB 36,#RB M           | Pass   | 5.3         | 19.27           | 19.27          | 0.085        | 24.57         | 0.286       | 1                |
| 1717.5MHz_RB 36,#RB H           | Pass   | 5.3         | 19.14           | 19.14          | 0.082        | 24.44         | 0.278       | 1                |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 18.89           | 18.89          | 0.077        | 24.19         | 0.262       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.09           | 20.09          | 0.102        | 25.39         | 0.346       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 19.81           | 19.81          | 0.096        | 25.11         | 0.324       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 19.68           | 19.68          | 0.093        | 24.98         | 0.315       | 1                |
| 1732.5MHz_RB 36,#RB L           | Pass   | 5.3         | 19.20           | 19.20          | 0.083        | 24.50         | 0.282       | 1                |
| 1732.5MHz_RB 36,#RB M           | Pass   | 5.3         | 19.06           | 19.06          | 0.081        | 24.36         | 0.273       | 1                |
| 1732.5MHz_RB 36,#RB H           | Pass   | 5.3         | 19.04           | 19.04          | 0.080        | 24.34         | 0.272       | 1                |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 5.3         | 19.08           | 19.08          | 0.081        | 24.38         | 0.274       | 1                |
| 1747.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.33           | 20.33          | 0.108        | 25.63         | 0.366       | 1                |
| 1747.5MHz_RB 1,#RB M            | Pass   | 5.3         | 19.79           | 19.79          | 0.095        | 25.09         | 0.323       | 1                |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.18           | 20.18          | 0.104        | 25.48         | 0.353       | 1                |
| 1747.5MHz_RB 36,#RB L           | Pass   | 5.3         | 19.09           | 19.09          | 0.081        | 24.39         | 0.275       | 1                |
| 1747.5MHz_RB 36,#RB M           | Pass   | 5.3         | 19.06           | 19.06          | 0.081        | 24.36         | 0.273       | 1                |
| 1747.5MHz_RB 36,#RB H           | Pass   | 5.3         | 19.03           | 19.03          | 0.080        | 24.33         | 0.271       | 1                |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0            | Pass   | 5.3         | 20.92           | 20.92          | 0.124        | 26.22         | 0.419       | 1                |
| 1720MHz_RB 1,#RB L              | Pass   | 5.3         | 21.44           | 21.44          | 0.139        | 26.74         | 0.472       | 1                |
| 1720MHz_RB 1,#RB M              | Pass   | 5.3         | 21.32           | 21.32          | 0.136        | 26.62         | 0.459       | 1                |
| 1720MHz_RB 1,#RB H              | Pass   | 5.3         | 21.28           | 21.28          | 0.134        | 26.58         | 0.455       | 1                |

## Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1720MHz_RB 50,#RB L             | Pass   | 5.3         | 21.02           | 21.02          | 0.126        | 26.32         | 0.429       | 1                |
| 1720MHz_RB 50,#RB M             | Pass   | 5.3         | 21.02           | 21.02          | 0.126        | 26.32         | 0.429       | 1                |
| 1720MHz_RB 50,#RB H             | Pass   | 5.3         | 20.92           | 20.92          | 0.124        | 26.22         | 0.419       | 1                |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 5.3         | 20.87           | 20.87          | 0.122        | 26.17         | 0.414       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 21.91           | 21.91          | 0.155        | 27.21         | 0.526       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 21.76           | 21.76          | 0.150        | 27.06         | 0.508       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 21.57           | 21.57          | 0.144        | 26.87         | 0.486       | 1                |
| 1732.5MHz_RB 50,#RB L           | Pass   | 5.3         | 20.96           | 20.96          | 0.125        | 26.26         | 0.423       | 1                |
| 1732.5MHz_RB 50,#RB M           | Pass   | 5.3         | 21.02           | 21.02          | 0.126        | 26.32         | 0.429       | 1                |
| 1732.5MHz_RB 50,#RB H           | Pass   | 5.3         | 20.81           | 20.81          | 0.121        | 26.11         | 0.408       | 1                |
| 1745MHz_RB 100,#RB 0            | Pass   | 5.3         | 20.88           | 20.88          | 0.122        | 26.18         | 0.415       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 5.3         | 21.75           | 21.75          | 0.150        | 27.05         | 0.507       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 5.3         | 21.56           | 21.56          | 0.143        | 26.86         | 0.485       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 5.3         | 21.65           | 21.65          | 0.146        | 26.95         | 0.495       | 1                |
| 1745MHz_RB 50,#RB L             | Pass   | 5.3         | 20.87           | 20.87          | 0.122        | 26.17         | 0.414       | 1                |
| 1745MHz_RB 50,#RB M             | Pass   | 5.3         | 21.00           | 21.00          | 0.126        | 26.30         | 0.427       | 1                |
| 1745MHz_RB 50,#RB H             | Pass   | 5.3         | 20.83           | 20.83          | 0.121        | 26.13         | 0.410       | 1                |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0            | Pass   | 5.3         | 20.11           | 20.11          | 0.103        | 25.41         | 0.348       | 1                |
| 1720MHz_RB 1,#RB L              | Pass   | 5.3         | 21.16           | 21.16          | 0.131        | 26.46         | 0.443       | 1                |
| 1720MHz_RB 1,#RB M              | Pass   | 5.3         | 20.82           | 20.82          | 0.121        | 26.12         | 0.409       | 1                |
| 1720MHz_RB 1,#RB H              | Pass   | 5.3         | 20.81           | 20.81          | 0.121        | 26.11         | 0.408       | 1                |
| 1720MHz_RB 50,#RB L             | Pass   | 5.3         | 20.14           | 20.14          | 0.103        | 25.44         | 0.350       | 1                |
| 1720MHz_RB 50,#RB M             | Pass   | 5.3         | 20.25           | 20.25          | 0.106        | 25.55         | 0.359       | 1                |
| 1720MHz_RB 50,#RB H             | Pass   | 5.3         | 20.01           | 20.01          | 0.100        | 25.31         | 0.340       | 1                |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 5.3         | 19.82           | 19.82          | 0.096        | 25.12         | 0.325       | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.3         | 20.60           | 20.60          | 0.115        | 25.90         | 0.389       | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.3         | 20.57           | 20.57          | 0.114        | 25.87         | 0.386       | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.3         | 20.65           | 20.65          | 0.116        | 25.95         | 0.394       | 1                |
| 1732.5MHz_RB 50,#RB L           | Pass   | 5.3         | 20.23           | 20.23          | 0.105        | 25.53         | 0.357       | 1                |
| 1732.5MHz_RB 50,#RB M           | Pass   | 5.3         | 20.12           | 20.12          | 0.103        | 25.42         | 0.348       | 1                |
| 1732.5MHz_RB 50,#RB H           | Pass   | 5.3         | 20.09           | 20.09          | 0.102        | 25.39         | 0.346       | 1                |
| 1745MHz_RB 100,#RB 0            | Pass   | 5.3         | 20.06           | 20.06          | 0.101        | 25.36         | 0.344       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 5.3         | 21.02           | 21.02          | 0.126        | 26.32         | 0.429       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 5.3         | 20.85           | 20.85          | 0.122        | 26.15         | 0.412       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 5.3         | 20.75           | 20.75          | 0.119        | 26.05         | 0.403       | 1                |
| 1745MHz_RB 50,#RB L             | Pass   | 5.3         | 20.08           | 20.08          | 0.102        | 25.38         | 0.345       | 1                |
| 1745MHz_RB 50,#RB M             | Pass   | 5.3         | 20.11           | 20.11          | 0.103        | 25.41         | 0.348       | 1                |
| 1745MHz_RB 50,#RB H             | Pass   | 5.3         | 20.04           | 20.04          | 0.101        | 25.34         | 0.342       | 1                |
| Band 4_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0            | Pass   | 5.3         | 19.24           | 19.24          | 0.084        | 24.54         | 0.284       | 1                |
| 1720MHz_RB 1,#RB L              | Pass   | 5.3         | 20.19           | 20.19          | 0.104        | 25.49         | 0.354       | 1                |
| 1720MHz_RB 1,#RB M              | Pass   | 5.3         | 19.64           | 19.64          | 0.092        | 24.94         | 0.312       | 1                |
| 1720MHz_RB 1,#RB H              | Pass   | 5.3         | 19.65           | 19.65          | 0.092        | 24.95         | 0.313       | 1                |
| 1720MHz_RB 50,#RB L             | Pass   | 5.3         | 19.18           | 19.18          | 0.083        | 24.48         | 0.281       | 1                |
| 1720MHz_RB 50,#RB M             | Pass   | 5.3         | 19.24           | 19.24          | 0.084        | 24.54         | 0.284       | 1                |
| 1720MHz_RB 50,#RB H             | Pass   | 5.3         | 19.14           | 19.14          | 0.082        | 24.44         | 0.278       | 1                |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 5.3         | 19.10           | 19.10          | 0.081        | 24.40         | 0.275       | 1                |

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

| Mode                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|-----------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1732.5MHz_RB 1,#RB L  | Pass   | 5.3         | 20.41           | 20.41          | 0.110        | 25.71         | 0.372       | 1                |
| 1732.5MHz_RB 1,#RB M  | Pass   | 5.3         | 19.91           | 19.91          | 0.098        | 25.21         | 0.332       | 1                |
| 1732.5MHz_RB 1,#RB H  | Pass   | 5.3         | 20.18           | 20.18          | 0.104        | 25.48         | 0.353       | 1                |
| 1732.5MHz_RB 50,#RB L | Pass   | 5.3         | 19.21           | 19.21          | 0.083        | 24.51         | 0.282       | 1                |
| 1732.5MHz_RB 50,#RB M | Pass   | 5.3         | 19.12           | 19.12          | 0.082        | 24.42         | 0.277       | 1                |
| 1732.5MHz_RB 50,#RB H | Pass   | 5.3         | 18.96           | 18.96          | 0.079        | 24.26         | 0.267       | 1                |
| 1745MHz_RB 100,#RB 0  | Pass   | 5.3         | 18.83           | 18.83          | 0.076        | 24.13         | 0.259       | 1                |
| 1745MHz_RB 1,#RB L    | Pass   | 5.3         | 19.73           | 19.73          | 0.094        | 25.03         | 0.318       | 1                |
| 1745MHz_RB 1,#RB M    | Pass   | 5.3         | 19.66           | 19.66          | 0.092        | 24.96         | 0.313       | 1                |
| 1745MHz_RB 1,#RB H    | Pass   | 5.3         | 19.49           | 19.49          | 0.089        | 24.79         | 0.301       | 1                |
| 1745MHz_RB 50,#RB L   | Pass   | 5.3         | 19.07           | 19.07          | 0.081        | 24.37         | 0.274       | 1                |
| 1745MHz_RB 50,#RB M   | Pass   | 5.3         | 19.10           | 19.10          | 0.081        | 24.40         | 0.275       | 1                |
| 1745MHz_RB 50,#RB H   | Pass   | 5.3         | 19.01           | 19.01          | 0.080        | 24.31         | 0.270       | 1                |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Summary**

| Mode                      | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------------|----------------|--------------|--------------|------------|
| Band 5                    | -              | -            | -            | -          |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.58          | 0.181        | 24.43        | 0.277      |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.76          | 0.150        | 23.61        | 0.230      |
| LTE_1.4MHz_Nss1,64QAM_1TX | 20.78          | 0.120        | 22.63        | 0.183      |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.70          | 0.186        | 24.55        | 0.285      |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.82          | 0.152        | 23.67        | 0.233      |
| LTE_3MHz_Nss1,64QAM_1TX   | 20.84          | 0.121        | 22.69        | 0.186      |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.65          | 0.184        | 24.50        | 0.282      |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.85          | 0.153        | 23.70        | 0.234      |
| LTE_5MHz_Nss1,64QAM_1TX   | 20.77          | 0.119        | 22.62        | 0.183      |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.43          | 0.175        | 24.28        | 0.268      |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.65          | 0.146        | 23.50        | 0.224      |
| LTE_10MHz_Nss1,64QAM_1TX  | 20.72          | 0.118        | 22.57        | 0.181      |

Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

## Result

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 5_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 824.7MHz_RB 6,#RB 0              | Pass   | 4.00        | 21.13           | 21.13          | 0.130        | 22.98        | 0.199      | 7.00            |
| 824.7MHz_RB 1,#RB L              | Pass   | 4.00        | 22.03           | 22.03          | 0.160        | 23.88        | 0.244      | 7.00            |
| 824.7MHz_RB 1,#RB M              | Pass   | 4.00        | 22.21           | 22.21          | 0.166        | 24.06        | 0.255      | 7.00            |
| 824.7MHz_RB 1,#RB H              | Pass   | 4.00        | 22.19           | 22.19          | 0.166        | 24.04        | 0.254      | 7.00            |
| 824.7MHz_RB 3,#RB L              | Pass   | 4.00        | 22.12           | 22.12          | 0.163        | 23.97        | 0.249      | 7.00            |
| 824.7MHz_RB 3,#RB M              | Pass   | 4.00        | 22.25           | 22.25          | 0.168        | 24.10        | 0.257      | 7.00            |
| 824.7MHz_RB 3,#RB H              | Pass   | 4.00        | 22.14           | 22.14          | 0.164        | 23.99        | 0.251      | 7.00            |
| 836.5MHz_RB 6,#RB 0              | Pass   | 4.00        | 21.37           | 21.37          | 0.137        | 23.22        | 0.210      | 7.00            |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.00        | 22.51           | 22.51          | 0.178        | 24.36        | 0.273      | 7.00            |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.00        | 22.41           | 22.41          | 0.174        | 24.26        | 0.267      | 7.00            |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.00        | 22.36           | 22.36          | 0.172        | 24.21        | 0.264      | 7.00            |
| 836.5MHz_RB 3,#RB L              | Pass   | 4.00        | 22.37           | 22.37          | 0.173        | 24.22        | 0.264      | 7.00            |
| 836.5MHz_RB 3,#RB M              | Pass   | 4.00        | 22.35           | 22.35          | 0.172        | 24.20        | 0.263      | 7.00            |
| 836.5MHz_RB 3,#RB H              | Pass   | 4.00        | 22.31           | 22.31          | 0.170        | 24.16        | 0.261      | 7.00            |
| 848.3MHz_RB 6,#RB 0              | Pass   | 4.00        | 21.42           | 21.42          | 0.139        | 23.27        | 0.212      | 7.00            |
| 848.3MHz_RB 1,#RB L              | Pass   | 4.00        | 22.49           | 22.49          | 0.177        | 24.34        | 0.272      | 7.00            |
| 848.3MHz_RB 1,#RB M              | Pass   | 4.00        | 22.58           | 22.58          | 0.181        | 24.43        | 0.277      | 7.00            |
| 848.3MHz_RB 1,#RB H              | Pass   | 4.00        | 22.42           | 22.42          | 0.175        | 24.27        | 0.267      | 7.00            |
| 848.3MHz_RB 3,#RB L              | Pass   | 4.00        | 22.43           | 22.43          | 0.175        | 24.28        | 0.268      | 7.00            |
| 848.3MHz_RB 3,#RB M              | Pass   | 4.00        | 22.51           | 22.51          | 0.178        | 24.36        | 0.273      | 7.00            |
| 848.3MHz_RB 3,#RB H              | Pass   | 4.00        | 22.34           | 22.34          | 0.171        | 24.19        | 0.262      | 7.00            |
| Band 5_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 824.7MHz_RB 6,#RB 0              | Pass   | 4.00        | 20.17           | 20.17          | 0.104        | 22.02        | 0.159      | 7.00            |
| 824.7MHz_RB 1,#RB L              | Pass   | 4.00        | 21.28           | 21.28          | 0.134        | 23.13        | 0.206      | 7.00            |
| 824.7MHz_RB 1,#RB M              | Pass   | 4.00        | 21.38           | 21.38          | 0.137        | 23.23        | 0.210      | 7.00            |
| 824.7MHz_RB 1,#RB H              | Pass   | 4.00        | 21.28           | 21.28          | 0.134        | 23.13        | 0.206      | 7.00            |
| 824.7MHz_RB 3,#RB L              | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 824.7MHz_RB 3,#RB M              | Pass   | 4.00        | 21.28           | 21.28          | 0.134        | 23.13        | 0.206      | 7.00            |
| 824.7MHz_RB 3,#RB H              | Pass   | 4.00        | 21.23           | 21.23          | 0.133        | 23.08        | 0.203      | 7.00            |
| 836.5MHz_RB 6,#RB 0              | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.00        | 21.56           | 21.56          | 0.143        | 23.41        | 0.219      | 7.00            |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.59           | 21.59          | 0.144        | 23.44        | 0.221      | 7.00            |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 836.5MHz_RB 3,#RB L              | Pass   | 4.00        | 21.40           | 21.40          | 0.138        | 23.25        | 0.211      | 7.00            |
| 836.5MHz_RB 3,#RB M              | Pass   | 4.00        | 21.52           | 21.52          | 0.142        | 23.37        | 0.217      | 7.00            |
| 836.5MHz_RB 3,#RB H              | Pass   | 4.00        | 21.48           | 21.48          | 0.141        | 23.33        | 0.215      | 7.00            |
| 848.3MHz_RB 6,#RB 0              | Pass   | 4.00        | 20.55           | 20.55          | 0.114        | 22.40        | 0.174      | 7.00            |
| 848.3MHz_RB 1,#RB L              | Pass   | 4.00        | 21.66           | 21.66          | 0.147        | 23.51        | 0.224      | 7.00            |
| 848.3MHz_RB 1,#RB M              | Pass   | 4.00        | 21.69           | 21.69          | 0.148        | 23.54        | 0.226      | 7.00            |
| 848.3MHz_RB 1,#RB H              | Pass   | 4.00        | 21.65           | 21.65          | 0.146        | 23.50        | 0.224      | 7.00            |
| 848.3MHz_RB 3,#RB L              | Pass   | 4.00        | 21.47           | 21.47          | 0.140        | 23.32        | 0.215      | 7.00            |
| 848.3MHz_RB 3,#RB M              | Pass   | 4.00        | 21.76           | 21.76          | 0.150        | 23.61        | 0.230      | 7.00            |
| 848.3MHz_RB 3,#RB H              | Pass   | 4.00        | 21.62           | 21.62          | 0.145        | 23.47        | 0.222      | 7.00            |
| Band 5_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 824.7MHz_RB 6,#RB 0              | Pass   | 4.00        | 19.30           | 19.30          | 0.085        | 21.15        | 0.130      | 7.00            |
| 824.7MHz_RB 1,#RB L              | Pass   | 4.00        | 20.39           | 20.39          | 0.109        | 22.24        | 0.167      | 7.00            |

## Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 824.7MHz_RB 1,#RB M            | Pass   | 4.00        | 20.38           | 20.38          | 0.109        | 22.23        | 0.167      | 7.00            |
| 824.7MHz_RB 1,#RB H            | Pass   | 4.00        | 20.53           | 20.53          | 0.113        | 22.38        | 0.173      | 7.00            |
| 824.7MHz_RB 3,#RB L            | Pass   | 4.00        | 20.35           | 20.35          | 0.108        | 22.20        | 0.166      | 7.00            |
| 824.7MHz_RB 3,#RB M            | Pass   | 4.00        | 20.31           | 20.31          | 0.107        | 22.16        | 0.164      | 7.00            |
| 824.7MHz_RB 3,#RB H            | Pass   | 4.00        | 20.36           | 20.36          | 0.109        | 22.21        | 0.166      | 7.00            |
| 836.5MHz_RB 6,#RB 0            | Pass   | 4.00        | 19.48           | 19.48          | 0.089        | 21.33        | 0.136      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.38           | 20.38          | 0.109        | 22.23        | 0.167      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.63           | 20.63          | 0.116        | 22.48        | 0.177      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.60           | 20.60          | 0.115        | 22.45        | 0.176      | 7.00            |
| 836.5MHz_RB 3,#RB L            | Pass   | 4.00        | 20.44           | 20.44          | 0.111        | 22.29        | 0.169      | 7.00            |
| 836.5MHz_RB 3,#RB M            | Pass   | 4.00        | 20.66           | 20.66          | 0.116        | 22.51        | 0.178      | 7.00            |
| 836.5MHz_RB 3,#RB H            | Pass   | 4.00        | 20.55           | 20.55          | 0.114        | 22.40        | 0.174      | 7.00            |
| 848.3MHz_RB 6,#RB 0            | Pass   | 4.00        | 19.59           | 19.59          | 0.091        | 21.44        | 0.139      | 7.00            |
| 848.3MHz_RB 1,#RB L            | Pass   | 4.00        | 20.72           | 20.72          | 0.118        | 22.57        | 0.181      | 7.00            |
| 848.3MHz_RB 1,#RB M            | Pass   | 4.00        | 20.78           | 20.78          | 0.120        | 22.63        | 0.183      | 7.00            |
| 848.3MHz_RB 1,#RB H            | Pass   | 4.00        | 20.68           | 20.68          | 0.117        | 22.53        | 0.179      | 7.00            |
| 848.3MHz_RB 3,#RB L            | Pass   | 4.00        | 20.78           | 20.78          | 0.120        | 22.63        | 0.183      | 7.00            |
| 848.3MHz_RB 3,#RB M            | Pass   | 4.00        | 20.58           | 20.58          | 0.114        | 22.43        | 0.175      | 7.00            |
| 848.3MHz_RB 3,#RB H            | Pass   | 4.00        | 20.60           | 20.60          | 0.115        | 22.45        | 0.176      | 7.00            |
| Band 5_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 825.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 825.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.15           | 22.15          | 0.164        | 24.00        | 0.251      | 7.00            |
| 825.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 825.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.12           | 22.12          | 0.163        | 23.97        | 0.249      | 7.00            |
| 825.5MHz_RB 8,#RB L            | Pass   | 4.00        | 21.27           | 21.27          | 0.134        | 23.12        | 0.205      | 7.00            |
| 825.5MHz_RB 8,#RB M            | Pass   | 4.00        | 21.31           | 21.31          | 0.135        | 23.16        | 0.207      | 7.00            |
| 825.5MHz_RB 8,#RB H            | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 836.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 21.43           | 21.43          | 0.139        | 23.28        | 0.213      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.55           | 22.55          | 0.180        | 24.40        | 0.275      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.65           | 22.65          | 0.184        | 24.50        | 0.282      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.46           | 22.46          | 0.176        | 24.31        | 0.270      | 7.00            |
| 836.5MHz_RB 8,#RB L            | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 836.5MHz_RB 8,#RB M            | Pass   | 4.00        | 21.41           | 21.41          | 0.138        | 23.26        | 0.212      | 7.00            |
| 836.5MHz_RB 8,#RB H            | Pass   | 4.00        | 21.35           | 21.35          | 0.136        | 23.20        | 0.209      | 7.00            |
| 847.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 21.60           | 21.60          | 0.145        | 23.45        | 0.221      | 7.00            |
| 847.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.57           | 22.57          | 0.181        | 24.42        | 0.277      | 7.00            |
| 847.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.60           | 22.60          | 0.182        | 24.45        | 0.279      | 7.00            |
| 847.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.70           | 22.70          | 0.186        | 24.55        | 0.285      | 7.00            |
| 847.5MHz_RB 8,#RB L            | Pass   | 4.00        | 21.62           | 21.62          | 0.145        | 23.47        | 0.222      | 7.00            |
| 847.5MHz_RB 8,#RB M            | Pass   | 4.00        | 21.63           | 21.63          | 0.146        | 23.48        | 0.223      | 7.00            |
| 847.5MHz_RB 8,#RB H            | Pass   | 4.00        | 21.56           | 21.56          | 0.143        | 23.41        | 0.219      | 7.00            |
| Band 5_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 825.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 20.36           | 20.36          | 0.109        | 22.21        | 0.166      | 7.00            |
| 825.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.55           | 21.55          | 0.143        | 23.40        | 0.219      | 7.00            |
| 825.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.44           | 21.44          | 0.139        | 23.29        | 0.213      | 7.00            |
| 825.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.39           | 21.39          | 0.138        | 23.24        | 0.211      | 7.00            |
| 825.5MHz_RB 8,#RB L            | Pass   | 4.00        | 20.39           | 20.39          | 0.109        | 22.24        | 0.167      | 7.00            |
| 825.5MHz_RB 8,#RB M            | Pass   | 4.00        | 20.39           | 20.39          | 0.109        | 22.24        | 0.167      | 7.00            |

## Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 825.5MHz_RB 8,#RB H            | Pass   | 4.00        | 20.44           | 20.44          | 0.111        | 22.29        | 0.169      | 7.00            |
| 836.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 20.51           | 20.51          | 0.112        | 22.36        | 0.172      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.66           | 21.66          | 0.147        | 23.51        | 0.224      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.71           | 21.71          | 0.148        | 23.56        | 0.227      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.76           | 21.76          | 0.150        | 23.61        | 0.230      | 7.00            |
| 836.5MHz_RB 8,#RB L            | Pass   | 4.00        | 20.56           | 20.56          | 0.114        | 22.41        | 0.174      | 7.00            |
| 836.5MHz_RB 8,#RB M            | Pass   | 4.00        | 20.68           | 20.68          | 0.117        | 22.53        | 0.179      | 7.00            |
| 836.5MHz_RB 8,#RB H            | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 847.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 20.68           | 20.68          | 0.117        | 22.53        | 0.179      | 7.00            |
| 847.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.82           | 21.82          | 0.152        | 23.67        | 0.233      | 7.00            |
| 847.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.65           | 21.65          | 0.146        | 23.50        | 0.224      | 7.00            |
| 847.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.64           | 21.64          | 0.146        | 23.49        | 0.223      | 7.00            |
| 847.5MHz_RB 8,#RB L            | Pass   | 4.00        | 20.73           | 20.73          | 0.118        | 22.58        | 0.181      | 7.00            |
| 847.5MHz_RB 8,#RB M            | Pass   | 4.00        | 20.66           | 20.66          | 0.116        | 22.51        | 0.178      | 7.00            |
| 847.5MHz_RB 8,#RB H            | Pass   | 4.00        | 20.72           | 20.72          | 0.118        | 22.57        | 0.181      | 7.00            |
| Band 5_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 825.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 19.49           | 19.49          | 0.089        | 21.34        | 0.136      | 7.00            |
| 825.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.30           | 20.30          | 0.107        | 22.15        | 0.164      | 7.00            |
| 825.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.36           | 20.36          | 0.109        | 22.21        | 0.166      | 7.00            |
| 825.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.50           | 20.50          | 0.112        | 22.35        | 0.172      | 7.00            |
| 825.5MHz_RB 8,#RB L            | Pass   | 4.00        | 19.32           | 19.32          | 0.086        | 21.17        | 0.131      | 7.00            |
| 825.5MHz_RB 8,#RB M            | Pass   | 4.00        | 19.46           | 19.46          | 0.088        | 21.31        | 0.135      | 7.00            |
| 825.5MHz_RB 8,#RB H            | Pass   | 4.00        | 19.50           | 19.50          | 0.089        | 21.35        | 0.136      | 7.00            |
| 836.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 19.54           | 19.54          | 0.090        | 21.39        | 0.138      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.67           | 20.67          | 0.117        | 22.52        | 0.179      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.59           | 20.59          | 0.115        | 22.44        | 0.175      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.76           | 20.76          | 0.119        | 22.61        | 0.182      | 7.00            |
| 836.5MHz_RB 8,#RB L            | Pass   | 4.00        | 19.59           | 19.59          | 0.091        | 21.44        | 0.139      | 7.00            |
| 836.5MHz_RB 8,#RB M            | Pass   | 4.00        | 19.61           | 19.61          | 0.091        | 21.46        | 0.140      | 7.00            |
| 836.5MHz_RB 8,#RB H            | Pass   | 4.00        | 19.49           | 19.49          | 0.089        | 21.34        | 0.136      | 7.00            |
| 847.5MHz_RB 15,#RB 0           | Pass   | 4.00        | 19.69           | 19.69          | 0.093        | 21.54        | 0.143      | 7.00            |
| 847.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.84           | 20.84          | 0.121        | 22.69        | 0.186      | 7.00            |
| 847.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.77           | 20.77          | 0.119        | 22.62        | 0.183      | 7.00            |
| 847.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.61           | 20.61          | 0.115        | 22.46        | 0.176      | 7.00            |
| 847.5MHz_RB 8,#RB L            | Pass   | 4.00        | 19.70           | 19.70          | 0.093        | 21.55        | 0.143      | 7.00            |
| 847.5MHz_RB 8,#RB M            | Pass   | 4.00        | 19.75           | 19.75          | 0.094        | 21.60        | 0.145      | 7.00            |
| 847.5MHz_RB 8,#RB H            | Pass   | 4.00        | 19.58           | 19.58          | 0.091        | 21.43        | 0.139      | 7.00            |
| Band 5_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 21.31           | 21.31          | 0.135        | 23.16        | 0.207      | 7.00            |
| 826.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.34           | 22.34          | 0.171        | 24.19        | 0.262      | 7.00            |
| 826.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.39           | 22.39          | 0.173        | 24.24        | 0.265      | 7.00            |
| 826.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.33           | 22.33          | 0.171        | 24.18        | 0.262      | 7.00            |
| 826.5MHz_RB 12,#RB L           | Pass   | 4.00        | 21.38           | 21.38          | 0.137        | 23.23        | 0.210      | 7.00            |
| 826.5MHz_RB 12,#RB M           | Pass   | 4.00        | 21.35           | 21.35          | 0.136        | 23.20        | 0.209      | 7.00            |
| 826.5MHz_RB 12,#RB H           | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 836.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.48           | 22.48          | 0.177        | 24.33        | 0.271      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.49           | 22.49          | 0.177        | 24.34        | 0.272      | 7.00            |



Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.55           | 22.55          | 0.180        | 24.40        | 0.275      | 7.00            |
| 836.5MHz_RB 12,#RB L           | Pass   | 4.00        | 21.52           | 21.52          | 0.142        | 23.37        | 0.217      | 7.00            |
| 836.5MHz_RB 12,#RB M           | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 836.5MHz_RB 12,#RB H           | Pass   | 4.00        | 21.48           | 21.48          | 0.141        | 23.33        | 0.215      | 7.00            |
| 846.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 846.5MHz_RB 1,#RB L            | Pass   | 4.00        | 22.51           | 22.51          | 0.178        | 24.36        | 0.273      | 7.00            |
| 846.5MHz_RB 1,#RB M            | Pass   | 4.00        | 22.65           | 22.65          | 0.184        | 24.50        | 0.282      | 7.00            |
| 846.5MHz_RB 1,#RB H            | Pass   | 4.00        | 22.60           | 22.60          | 0.182        | 24.45        | 0.279      | 7.00            |
| 846.5MHz_RB 12,#RB L           | Pass   | 4.00        | 21.49           | 21.49          | 0.141        | 23.34        | 0.216      | 7.00            |
| 846.5MHz_RB 12,#RB M           | Pass   | 4.00        | 21.59           | 21.59          | 0.144        | 23.44        | 0.221      | 7.00            |
| 846.5MHz_RB 12,#RB H           | Pass   | 4.00        | 21.56           | 21.56          | 0.143        | 23.41        | 0.219      | 7.00            |
| Band 5_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 20.40           | 20.40          | 0.110        | 22.25        | 0.168      | 7.00            |
| 826.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.42           | 21.42          | 0.139        | 23.27        | 0.212      | 7.00            |
| 826.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.75           | 21.75          | 0.150        | 23.60        | 0.229      | 7.00            |
| 826.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 826.5MHz_RB 12,#RB L           | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 826.5MHz_RB 12,#RB M           | Pass   | 4.00        | 20.44           | 20.44          | 0.111        | 22.29        | 0.169      | 7.00            |
| 826.5MHz_RB 12,#RB H           | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 836.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 20.54           | 20.54          | 0.113        | 22.39        | 0.173      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.84           | 21.84          | 0.153        | 23.69        | 0.234      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.64           | 21.64          | 0.146        | 23.49        | 0.223      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.70           | 21.70          | 0.148        | 23.55        | 0.226      | 7.00            |
| 836.5MHz_RB 12,#RB L           | Pass   | 4.00        | 20.61           | 20.61          | 0.115        | 22.46        | 0.176      | 7.00            |
| 836.5MHz_RB 12,#RB M           | Pass   | 4.00        | 20.60           | 20.60          | 0.115        | 22.45        | 0.176      | 7.00            |
| 836.5MHz_RB 12,#RB H           | Pass   | 4.00        | 20.58           | 20.58          | 0.114        | 22.43        | 0.175      | 7.00            |
| 846.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 20.57           | 20.57          | 0.114        | 22.42        | 0.175      | 7.00            |
| 846.5MHz_RB 1,#RB L            | Pass   | 4.00        | 21.65           | 21.65          | 0.146        | 23.50        | 0.224      | 7.00            |
| 846.5MHz_RB 1,#RB M            | Pass   | 4.00        | 21.85           | 21.85          | 0.153        | 23.70        | 0.234      | 7.00            |
| 846.5MHz_RB 1,#RB H            | Pass   | 4.00        | 21.77           | 21.77          | 0.150        | 23.62        | 0.230      | 7.00            |
| 846.5MHz_RB 12,#RB L           | Pass   | 4.00        | 20.60           | 20.60          | 0.115        | 22.45        | 0.176      | 7.00            |
| 846.5MHz_RB 12,#RB M           | Pass   | 4.00        | 20.69           | 20.69          | 0.117        | 22.54        | 0.179      | 7.00            |
| 846.5MHz_RB 12,#RB H           | Pass   | 4.00        | 20.63           | 20.63          | 0.116        | 22.48        | 0.177      | 7.00            |
| Band 5_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 19.46           | 19.46          | 0.088        | 21.31        | 0.135      | 7.00            |
| 826.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.29           | 20.29          | 0.107        | 22.14        | 0.164      | 7.00            |
| 826.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.48           | 20.48          | 0.112        | 22.33        | 0.171      | 7.00            |
| 826.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.51           | 20.51          | 0.112        | 22.36        | 0.172      | 7.00            |
| 826.5MHz_RB 12,#RB L           | Pass   | 4.00        | 19.45           | 19.45          | 0.088        | 21.30        | 0.135      | 7.00            |
| 826.5MHz_RB 12,#RB M           | Pass   | 4.00        | 19.48           | 19.48          | 0.089        | 21.33        | 0.136      | 7.00            |
| 826.5MHz_RB 12,#RB H           | Pass   | 4.00        | 19.47           | 19.47          | 0.089        | 21.32        | 0.136      | 7.00            |
| 836.5MHz_RB 25,#RB 0           | Pass   | 4.00        | 19.51           | 19.51          | 0.089        | 21.36        | 0.137      | 7.00            |
| 836.5MHz_RB 1,#RB L            | Pass   | 4.00        | 20.67           | 20.67          | 0.117        | 22.52        | 0.179      | 7.00            |
| 836.5MHz_RB 1,#RB M            | Pass   | 4.00        | 20.69           | 20.69          | 0.117        | 22.54        | 0.179      | 7.00            |
| 836.5MHz_RB 1,#RB H            | Pass   | 4.00        | 20.68           | 20.68          | 0.117        | 22.53        | 0.179      | 7.00            |
| 836.5MHz_RB 12,#RB L           | Pass   | 4.00        | 19.60           | 19.60          | 0.091        | 21.45        | 0.140      | 7.00            |
| 836.5MHz_RB 12,#RB M           | Pass   | 4.00        | 19.57           | 19.57          | 0.091        | 21.42        | 0.139      | 7.00            |
| 836.5MHz_RB 12,#RB H           | Pass   | 4.00        | 19.58           | 19.58          | 0.091        | 21.43        | 0.139      | 7.00            |

Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 846.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 19.51           | 19.51          | 0.089        | 21.36        | 0.137      | 7.00            |
| 846.5MHz_RB 1,#RB L             | Pass   | 4.00        | 20.70           | 20.70          | 0.117        | 22.55        | 0.180      | 7.00            |
| 846.5MHz_RB 1,#RB M             | Pass   | 4.00        | 20.73           | 20.73          | 0.118        | 22.58        | 0.181      | 7.00            |
| 846.5MHz_RB 1,#RB H             | Pass   | 4.00        | 20.77           | 20.77          | 0.119        | 22.62        | 0.183      | 7.00            |
| 846.5MHz_RB 12,#RB L            | Pass   | 4.00        | 19.59           | 19.59          | 0.091        | 21.44        | 0.139      | 7.00            |
| 846.5MHz_RB 12,#RB M            | Pass   | 4.00        | 19.65           | 19.65          | 0.092        | 21.50        | 0.141      | 7.00            |
| 846.5MHz_RB 12,#RB H            | Pass   | 4.00        | 19.63           | 19.63          | 0.092        | 21.48        | 0.141      | 7.00            |
| Band 5_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 829MHz_RB 50,#RB 0              | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 829MHz_RB 1,#RB L               | Pass   | 4.00        | 22.14           | 22.14          | 0.164        | 23.99        | 0.251      | 7.00            |
| 829MHz_RB 1,#RB M               | Pass   | 4.00        | 22.17           | 22.17          | 0.165        | 24.02        | 0.252      | 7.00            |
| 829MHz_RB 1,#RB H               | Pass   | 4.00        | 22.43           | 22.43          | 0.175        | 24.28        | 0.268      | 7.00            |
| 829MHz_RB 25,#RB L              | Pass   | 4.00        | 21.25           | 21.25          | 0.133        | 23.10        | 0.204      | 7.00            |
| 829MHz_RB 25,#RB M              | Pass   | 4.00        | 21.30           | 21.30          | 0.135        | 23.15        | 0.207      | 7.00            |
| 829MHz_RB 25,#RB H              | Pass   | 4.00        | 21.35           | 21.35          | 0.136        | 23.20        | 0.209      | 7.00            |
| 836.5MHz_RB 50,#RB 0            | Pass   | 4.00        | 21.37           | 21.37          | 0.137        | 23.22        | 0.210      | 7.00            |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.00        | 22.34           | 22.34          | 0.171        | 24.19        | 0.262      | 7.00            |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.00        | 22.37           | 22.37          | 0.173        | 24.22        | 0.264      | 7.00            |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.00        | 22.33           | 22.33          | 0.171        | 24.18        | 0.262      | 7.00            |
| 836.5MHz_RB 25,#RB L            | Pass   | 4.00        | 21.42           | 21.42          | 0.139        | 23.27        | 0.212      | 7.00            |
| 836.5MHz_RB 25,#RB M            | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 836.5MHz_RB 25,#RB H            | Pass   | 4.00        | 21.43           | 21.43          | 0.139        | 23.28        | 0.213      | 7.00            |
| 844MHz_RB 50,#RB 0              | Pass   | 4.00        | 21.38           | 21.38          | 0.137        | 23.23        | 0.210      | 7.00            |
| 844MHz_RB 1,#RB L               | Pass   | 4.00        | 22.42           | 22.42          | 0.175        | 24.27        | 0.267      | 7.00            |
| 844MHz_RB 1,#RB M               | Pass   | 4.00        | 22.33           | 22.33          | 0.171        | 24.18        | 0.262      | 7.00            |
| 844MHz_RB 1,#RB H               | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 844MHz_RB 25,#RB L              | Pass   | 4.00        | 21.49           | 21.49          | 0.141        | 23.34        | 0.216      | 7.00            |
| 844MHz_RB 25,#RB M              | Pass   | 4.00        | 21.37           | 21.37          | 0.137        | 23.22        | 0.210      | 7.00            |
| 844MHz_RB 25,#RB H              | Pass   | 4.00        | 21.38           | 21.38          | 0.137        | 23.23        | 0.210      | 7.00            |
| Band 5_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 829MHz_RB 50,#RB 0              | Pass   | 4.00        | 20.37           | 20.37          | 0.109        | 22.22        | 0.167      | 7.00            |
| 829MHz_RB 1,#RB L               | Pass   | 4.00        | 21.23           | 21.23          | 0.133        | 23.08        | 0.203      | 7.00            |
| 829MHz_RB 1,#RB M               | Pass   | 4.00        | 21.26           | 21.26          | 0.134        | 23.11        | 0.205      | 7.00            |
| 829MHz_RB 1,#RB H               | Pass   | 4.00        | 21.62           | 21.62          | 0.145        | 23.47        | 0.222      | 7.00            |
| 829MHz_RB 25,#RB L              | Pass   | 4.00        | 20.38           | 20.38          | 0.109        | 22.23        | 0.167      | 7.00            |
| 829MHz_RB 25,#RB M              | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 829MHz_RB 25,#RB H              | Pass   | 4.00        | 20.38           | 20.38          | 0.109        | 22.23        | 0.167      | 7.00            |
| 836.5MHz_RB 50,#RB 0            | Pass   | 4.00        | 20.43           | 20.43          | 0.110        | 22.28        | 0.169      | 7.00            |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.00        | 21.31           | 21.31          | 0.135        | 23.16        | 0.207      | 7.00            |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.00        | 21.38           | 21.38          | 0.137        | 23.23        | 0.210      | 7.00            |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 836.5MHz_RB 25,#RB L            | Pass   | 4.00        | 20.53           | 20.53          | 0.113        | 22.38        | 0.173      | 7.00            |
| 836.5MHz_RB 25,#RB M            | Pass   | 4.00        | 20.59           | 20.59          | 0.115        | 22.44        | 0.175      | 7.00            |
| 836.5MHz_RB 25,#RB H            | Pass   | 4.00        | 20.37           | 20.37          | 0.109        | 22.22        | 0.167      | 7.00            |
| 844MHz_RB 50,#RB 0              | Pass   | 4.00        | 20.46           | 20.46          | 0.111        | 22.31        | 0.170      | 7.00            |
| 844MHz_RB 1,#RB L               | Pass   | 4.00        | 21.65           | 21.65          | 0.146        | 23.50        | 0.224      | 7.00            |
| 844MHz_RB 1,#RB M               | Pass   | 4.00        | 21.61           | 21.61          | 0.145        | 23.46        | 0.222      | 7.00            |
| 844MHz_RB 1,#RB H               | Pass   | 4.00        | 21.58           | 21.58          | 0.144        | 23.43        | 0.220      | 7.00            |

Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 844MHz_RB 25,#RB L              | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 844MHz_RB 25,#RB M              | Pass   | 4.00        | 20.58           | 20.58          | 0.114        | 22.43        | 0.175      | 7.00            |
| 844MHz_RB 25,#RB H              | Pass   | 4.00        | 20.45           | 20.45          | 0.111        | 22.30        | 0.170      | 7.00            |
| Band 5_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| 829MHz_RB 50,#RB 0              | Pass   | 4.00        | 19.36           | 19.36          | 0.086        | 21.21        | 0.132      | 7.00            |
| 829MHz_RB 1,#RB L               | Pass   | 4.00        | 20.37           | 20.37          | 0.109        | 22.22        | 0.167      | 7.00            |
| 829MHz_RB 1,#RB M               | Pass   | 4.00        | 20.35           | 20.35          | 0.108        | 22.20        | 0.166      | 7.00            |
| 829MHz_RB 1,#RB H               | Pass   | 4.00        | 20.63           | 20.63          | 0.116        | 22.48        | 0.177      | 7.00            |
| 829MHz_RB 25,#RB L              | Pass   | 4.00        | 19.30           | 19.30          | 0.085        | 21.15        | 0.130      | 7.00            |
| 829MHz_RB 25,#RB M              | Pass   | 4.00        | 19.49           | 19.49          | 0.089        | 21.34        | 0.136      | 7.00            |
| 829MHz_RB 25,#RB H              | Pass   | 4.00        | 19.38           | 19.38          | 0.087        | 21.23        | 0.133      | 7.00            |
| 836.5MHz_RB 50,#RB 0            | Pass   | 4.00        | 19.51           | 19.51          | 0.089        | 21.36        | 0.137      | 7.00            |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.00        | 20.72           | 20.72          | 0.118        | 22.57        | 0.181      | 7.00            |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.00        | 20.35           | 20.35          | 0.108        | 22.20        | 0.166      | 7.00            |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.00        | 20.62           | 20.62          | 0.115        | 22.47        | 0.177      | 7.00            |
| 836.5MHz_RB 25,#RB L            | Pass   | 4.00        | 19.50           | 19.50          | 0.089        | 21.35        | 0.136      | 7.00            |
| 836.5MHz_RB 25,#RB M            | Pass   | 4.00        | 19.47           | 19.47          | 0.089        | 21.32        | 0.136      | 7.00            |
| 836.5MHz_RB 25,#RB H            | Pass   | 4.00        | 19.38           | 19.38          | 0.087        | 21.23        | 0.133      | 7.00            |
| 844MHz_RB 50,#RB 0              | Pass   | 4.00        | 19.49           | 19.49          | 0.089        | 21.34        | 0.136      | 7.00            |
| 844MHz_RB 1,#RB L               | Pass   | 4.00        | 20.60           | 20.60          | 0.115        | 22.45        | 0.176      | 7.00            |
| 844MHz_RB 1,#RB M               | Pass   | 4.00        | 20.61           | 20.61          | 0.115        | 22.46        | 0.176      | 7.00            |
| 844MHz_RB 1,#RB H               | Pass   | 4.00        | 20.55           | 20.55          | 0.114        | 22.40        | 0.174      | 7.00            |
| 844MHz_RB 25,#RB L              | Pass   | 4.00        | 19.53           | 19.53          | 0.090        | 21.38        | 0.137      | 7.00            |
| 844MHz_RB 25,#RB M              | Pass   | 4.00        | 19.43           | 19.43          | 0.088        | 21.28        | 0.134      | 7.00            |
| 844MHz_RB 25,#RB H              | Pass   | 4.00        | 19.47           | 19.47          | 0.089        | 21.32        | 0.136      | 7.00            |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------|----------------|--------------|---------------|-------------|
| Band 7                   | -              | -            | -             | -           |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.26          | 0.168        | 29.16         | 0.824       |
| LTE_5MHz_Nss1,16QAM_1TX  | 21.45          | 0.140        | 28.35         | 0.684       |
| LTE_5MHz_Nss1,64QAM_1TX  | 20.42          | 0.110        | 27.32         | 0.540       |
| LTE_10MHz_Nss1,QPSK_1TX  | 22.27          | 0.169        | 29.17         | 0.826       |
| LTE_10MHz_Nss1,16QAM_1TX | 21.43          | 0.139        | 28.33         | 0.681       |
| LTE_10MHz_Nss1,64QAM_1TX | 20.56          | 0.114        | 27.46         | 0.557       |
| LTE_15MHz_Nss1,QPSK_1TX  | 22.31          | 0.170        | 29.21         | 0.834       |
| LTE_15MHz_Nss1,16QAM_1TX | 21.55          | 0.143        | 28.45         | 0.700       |
| LTE_15MHz_Nss1,64QAM_1TX | 20.58          | 0.114        | 27.48         | 0.560       |
| LTE_20MHz_Nss1,QPSK_1TX  | 22.48          | 0.177        | 29.38         | 0.867       |
| LTE_20MHz_Nss1,16QAM_1TX | 21.71          | 0.148        | 28.61         | 0.726       |
| LTE_20MHz_Nss1,64QAM_1TX | 20.55          | 0.114        | 27.45         | 0.556       |

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

## Result

| Mode                           | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| Band 7_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2502.5MHz_RB 25,#RB 0          | Pass   | 6.9         | 21.10           | 21.10          | 0.129        | 2                 | 28.00         | 0.631       | Inf              |
| 2502.5MHz_RB 1,#RB L           | Pass   | 6.9         | 22.00           | 22.00          | 0.158        | 2                 | 28.90         | 0.776       | Inf              |
| 2502.5MHz_RB 1,#RB M           | Pass   | 6.9         | 22.11           | 22.11          | 0.163        | 2                 | 29.01         | 0.796       | Inf              |
| 2502.5MHz_RB 1,#RB H           | Pass   | 6.9         | 21.96           | 21.96          | 0.157        | 2                 | 28.86         | 0.769       | Inf              |
| 2502.5MHz_RB 12,#RB L          | Pass   | 6.9         | 21.12           | 21.12          | 0.129        | 2                 | 28.02         | 0.634       | Inf              |
| 2502.5MHz_RB 12,#RB M          | Pass   | 6.9         | 21.14           | 21.14          | 0.130        | 2                 | 28.04         | 0.637       | Inf              |
| 2502.5MHz_RB 12,#RB H          | Pass   | 6.9         | 21.06           | 21.06          | 0.128        | 2                 | 27.96         | 0.625       | Inf              |
| 2535MHz_RB 25,#RB 0            | Pass   | 6.9         | 21.19           | 21.19          | 0.132        | 2                 | 28.09         | 0.644       | Inf              |
| 2535MHz_RB 1,#RB L             | Pass   | 6.9         | 22.19           | 22.19          | 0.166        | 2                 | 29.09         | 0.811       | Inf              |
| 2535MHz_RB 1,#RB M             | Pass   | 6.9         | 22.26           | 22.26          | 0.168        | 2                 | 29.16         | 0.824       | Inf              |
| 2535MHz_RB 1,#RB H             | Pass   | 6.9         | 22.09           | 22.09          | 0.162        | 2                 | 28.99         | 0.793       | Inf              |
| 2535MHz_RB 12,#RB L            | Pass   | 6.9         | 21.22           | 21.22          | 0.132        | 2                 | 28.12         | 0.649       | Inf              |
| 2535MHz_RB 12,#RB M            | Pass   | 6.9         | 21.27           | 21.27          | 0.134        | 2                 | 28.17         | 0.656       | Inf              |
| 2535MHz_RB 12,#RB H            | Pass   | 6.9         | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2567.5MHz_RB 25,#RB 0          | Pass   | 6.9         | 21.10           | 21.10          | 0.129        | 2                 | 28.00         | 0.631       | Inf              |
| 2567.5MHz_RB 1,#RB L           | Pass   | 6.9         | 22.01           | 22.01          | 0.159        | 2                 | 28.91         | 0.778       | Inf              |
| 2567.5MHz_RB 1,#RB M           | Pass   | 6.9         | 22.00           | 22.00          | 0.158        | 2                 | 28.90         | 0.776       | Inf              |
| 2567.5MHz_RB 1,#RB H           | Pass   | 6.9         | 21.92           | 21.92          | 0.156        | 2                 | 28.82         | 0.762       | Inf              |
| 2567.5MHz_RB 12,#RB L          | Pass   | 6.9         | 21.10           | 21.10          | 0.129        | 2                 | 28.00         | 0.631       | Inf              |
| 2567.5MHz_RB 12,#RB M          | Pass   | 6.9         | 21.08           | 21.08          | 0.128        | 2                 | 27.98         | 0.628       | Inf              |
| 2567.5MHz_RB 12,#RB H          | Pass   | 6.9         | 21.02           | 21.02          | 0.126        | 2                 | 27.92         | 0.619       | Inf              |
| Band 7_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2502.5MHz_RB 25,#RB 0          | Pass   | 6.9         | 20.16           | 20.16          | 0.104        | 2                 | 27.06         | 0.508       | Inf              |
| 2502.5MHz_RB 1,#RB L           | Pass   | 6.9         | 21.23           | 21.23          | 0.133        | 2                 | 28.13         | 0.650       | Inf              |
| 2502.5MHz_RB 1,#RB M           | Pass   | 6.9         | 21.35           | 21.35          | 0.136        | 2                 | 28.25         | 0.668       | Inf              |
| 2502.5MHz_RB 1,#RB H           | Pass   | 6.9         | 21.33           | 21.33          | 0.136        | 2                 | 28.23         | 0.665       | Inf              |
| 2502.5MHz_RB 12,#RB L          | Pass   | 6.9         | 20.21           | 20.21          | 0.105        | 2                 | 27.11         | 0.514       | Inf              |
| 2502.5MHz_RB 12,#RB M          | Pass   | 6.9         | 20.23           | 20.23          | 0.105        | 2                 | 27.13         | 0.516       | Inf              |
| 2502.5MHz_RB 12,#RB H          | Pass   | 6.9         | 20.21           | 20.21          | 0.105        | 2                 | 27.11         | 0.514       | Inf              |
| 2535MHz_RB 25,#RB 0            | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2535MHz_RB 1,#RB L             | Pass   | 6.9         | 21.34           | 21.34          | 0.136        | 2                 | 28.24         | 0.667       | Inf              |
| 2535MHz_RB 1,#RB M             | Pass   | 6.9         | 21.35           | 21.35          | 0.136        | 2                 | 28.25         | 0.668       | Inf              |
| 2535MHz_RB 1,#RB H             | Pass   | 6.9         | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2535MHz_RB 12,#RB L            | Pass   | 6.9         | 20.32           | 20.32          | 0.108        | 2                 | 27.22         | 0.527       | Inf              |
| 2535MHz_RB 12,#RB M            | Pass   | 6.9         | 20.34           | 20.34          | 0.108        | 2                 | 27.24         | 0.530       | Inf              |
| 2535MHz_RB 12,#RB H            | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2567.5MHz_RB 25,#RB 0          | Pass   | 6.9         | 20.12           | 20.12          | 0.103        | 2                 | 27.02         | 0.504       | Inf              |
| 2567.5MHz_RB 1,#RB L           | Pass   | 6.9         | 21.37           | 21.37          | 0.137        | 2                 | 28.27         | 0.671       | Inf              |
| 2567.5MHz_RB 1,#RB M           | Pass   | 6.9         | 21.45           | 21.45          | 0.140        | 2                 | 28.35         | 0.684       | Inf              |
| 2567.5MHz_RB 1,#RB H           | Pass   | 6.9         | 21.04           | 21.04          | 0.127        | 2                 | 27.94         | 0.622       | Inf              |
| 2567.5MHz_RB 12,#RB L          | Pass   | 6.9         | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2567.5MHz_RB 12,#RB M          | Pass   | 6.9         | 20.19           | 20.19          | 0.104        | 2                 | 27.09         | 0.512       | Inf              |
| 2567.5MHz_RB 12,#RB H          | Pass   | 6.9         | 20.15           | 20.15          | 0.104        | 2                 | 27.05         | 0.507       | Inf              |
| Band 7_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2502.5MHz_RB 25,#RB 0          | Pass   | 6.9         | 19.20           | 19.20          | 0.083        | 2                 | 26.10         | 0.407       | Inf              |
| 2502.5MHz_RB 1,#RB L           | Pass   | 6.9         | 20.28           | 20.28          | 0.107        | 2                 | 27.18         | 0.522       | Inf              |

## Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2502.5MHz_RB 1,#RB M            | Pass   | 6.9         | 20.42           | 20.42          | 0.110        | 2                 | 27.32         | 0.540       | Inf              |
| 2502.5MHz_RB 1,#RB H            | Pass   | 6.9         | 20.08           | 20.08          | 0.102        | 2                 | 26.98         | 0.499       | Inf              |
| 2502.5MHz_RB 12,#RB L           | Pass   | 6.9         | 19.26           | 19.26          | 0.084        | 2                 | 26.16         | 0.413       | Inf              |
| 2502.5MHz_RB 12,#RB M           | Pass   | 6.9         | 19.22           | 19.22          | 0.084        | 2                 | 26.12         | 0.409       | Inf              |
| 2502.5MHz_RB 12,#RB H           | Pass   | 6.9         | 19.18           | 19.18          | 0.083        | 2                 | 26.08         | 0.406       | Inf              |
| 2535MHz_RB 25,#RB 0             | Pass   | 6.9         | 19.25           | 19.25          | 0.084        | 2                 | 26.15         | 0.412       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 20.41           | 20.41          | 0.110        | 2                 | 27.31         | 0.538       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 20.27           | 20.27          | 0.106        | 2                 | 27.17         | 0.521       | Inf              |
| 2535MHz_RB 12,#RB L             | Pass   | 6.9         | 19.35           | 19.35          | 0.086        | 2                 | 26.25         | 0.422       | Inf              |
| 2535MHz_RB 12,#RB M             | Pass   | 6.9         | 19.37           | 19.37          | 0.086        | 2                 | 26.27         | 0.424       | Inf              |
| 2535MHz_RB 12,#RB H             | Pass   | 6.9         | 19.30           | 19.30          | 0.085        | 2                 | 26.20         | 0.417       | Inf              |
| 2567.5MHz_RB 25,#RB 0           | Pass   | 6.9         | 19.12           | 19.12          | 0.082        | 2                 | 26.02         | 0.400       | Inf              |
| 2567.5MHz_RB 1,#RB L            | Pass   | 6.9         | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2567.5MHz_RB 1,#RB M            | Pass   | 6.9         | 20.40           | 20.40          | 0.110        | 2                 | 27.30         | 0.537       | Inf              |
| 2567.5MHz_RB 1,#RB H            | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2567.5MHz_RB 12,#RB L           | Pass   | 6.9         | 19.15           | 19.15          | 0.082        | 2                 | 26.05         | 0.403       | Inf              |
| 2567.5MHz_RB 12,#RB M           | Pass   | 6.9         | 19.18           | 19.18          | 0.083        | 2                 | 26.08         | 0.406       | Inf              |
| 2567.5MHz_RB 12,#RB H           | Pass   | 6.9         | 19.18           | 19.18          | 0.083        | 2                 | 26.08         | 0.406       | Inf              |
| Band 7_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2505MHz_RB 50,#RB 0             | Pass   | 6.9         | 21.14           | 21.14          | 0.130        | 2                 | 28.04         | 0.637       | Inf              |
| 2505MHz_RB 1,#RB L              | Pass   | 6.9         | 22.13           | 22.13          | 0.163        | 2                 | 29.03         | 0.800       | Inf              |
| 2505MHz_RB 1,#RB M              | Pass   | 6.9         | 22.12           | 22.12          | 0.163        | 2                 | 29.02         | 0.798       | Inf              |
| 2505MHz_RB 1,#RB H              | Pass   | 6.9         | 22.11           | 22.11          | 0.163        | 2                 | 29.01         | 0.796       | Inf              |
| 2505MHz_RB 25,#RB L             | Pass   | 6.9         | 21.12           | 21.12          | 0.129        | 2                 | 28.02         | 0.634       | Inf              |
| 2505MHz_RB 25,#RB M             | Pass   | 6.9         | 21.18           | 21.18          | 0.131        | 2                 | 28.08         | 0.643       | Inf              |
| 2505MHz_RB 25,#RB H             | Pass   | 6.9         | 21.13           | 21.13          | 0.130        | 2                 | 28.03         | 0.635       | Inf              |
| 2535MHz_RB 50,#RB 0             | Pass   | 6.9         | 21.23           | 21.23          | 0.133        | 2                 | 28.13         | 0.650       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 22.09           | 22.09          | 0.162        | 2                 | 28.99         | 0.793       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 22.16           | 22.16          | 0.164        | 2                 | 29.06         | 0.805       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 22.27           | 22.27          | 0.169        | 2                 | 29.17         | 0.826       | Inf              |
| 2535MHz_RB 25,#RB L             | Pass   | 6.9         | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2535MHz_RB 25,#RB M             | Pass   | 6.9         | 21.23           | 21.23          | 0.133        | 2                 | 28.13         | 0.650       | Inf              |
| 2535MHz_RB 25,#RB H             | Pass   | 6.9         | 21.21           | 21.21          | 0.132        | 2                 | 28.11         | 0.647       | Inf              |
| 2565MHz_RB 50,#RB 0             | Pass   | 6.9         | 21.19           | 21.19          | 0.132        | 2                 | 28.09         | 0.644       | Inf              |
| 2565MHz_RB 1,#RB L              | Pass   | 6.9         | 22.11           | 22.11          | 0.163        | 2                 | 29.01         | 0.796       | Inf              |
| 2565MHz_RB 1,#RB M              | Pass   | 6.9         | 21.96           | 21.96          | 0.157        | 2                 | 28.86         | 0.769       | Inf              |
| 2565MHz_RB 1,#RB H              | Pass   | 6.9         | 21.91           | 21.91          | 0.155        | 2                 | 28.81         | 0.760       | Inf              |
| 2565MHz_RB 25,#RB L             | Pass   | 6.9         | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2565MHz_RB 25,#RB M             | Pass   | 6.9         | 21.17           | 21.17          | 0.131        | 2                 | 28.07         | 0.641       | Inf              |
| 2565MHz_RB 25,#RB H             | Pass   | 6.9         | 20.95           | 20.95          | 0.124        | 2                 | 27.85         | 0.610       | Inf              |
| Band 7_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2505MHz_RB 50,#RB 0             | Pass   | 6.9         | 20.24           | 20.24          | 0.106        | 2                 | 27.14         | 0.518       | Inf              |
| 2505MHz_RB 1,#RB L              | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2505MHz_RB 1,#RB M              | Pass   | 6.9         | 21.22           | 21.22          | 0.132        | 2                 | 28.12         | 0.649       | Inf              |
| 2505MHz_RB 1,#RB H              | Pass   | 6.9         | 21.18           | 21.18          | 0.131        | 2                 | 28.08         | 0.643       | Inf              |
| 2505MHz_RB 25,#RB L             | Pass   | 6.9         | 20.18           | 20.18          | 0.104        | 2                 | 27.08         | 0.511       | Inf              |
| 2505MHz_RB 25,#RB M             | Pass   | 6.9         | 20.19           | 20.19          | 0.104        | 2                 | 27.09         | 0.512       | Inf              |

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2505MHz_RB 25,#RB H             | Pass   | 6.9         | 20.24           | 20.24          | 0.106        | 2                 | 27.14         | 0.518       | Inf              |
| 2535MHz_RB 50,#RB 0             | Pass   | 6.9         | 20.31           | 20.31          | 0.107        | 2                 | 27.21         | 0.526       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 21.43           | 21.43          | 0.139        | 2                 | 28.33         | 0.681       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 21.38           | 21.38          | 0.137        | 2                 | 28.28         | 0.673       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 21.39           | 21.39          | 0.138        | 2                 | 28.29         | 0.675       | Inf              |
| 2535MHz_RB 25,#RB L             | Pass   | 6.9         | 20.36           | 20.36          | 0.109        | 2                 | 27.26         | 0.532       | Inf              |
| 2535MHz_RB 25,#RB M             | Pass   | 6.9         | 20.38           | 20.38          | 0.109        | 2                 | 27.28         | 0.535       | Inf              |
| 2535MHz_RB 25,#RB H             | Pass   | 6.9         | 20.28           | 20.28          | 0.107        | 2                 | 27.18         | 0.522       | Inf              |
| 2565MHz_RB 50,#RB 0             | Pass   | 6.9         | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2565MHz_RB 1,#RB L              | Pass   | 6.9         | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2565MHz_RB 1,#RB M              | Pass   | 6.9         | 21.24           | 21.24          | 0.133        | 2                 | 28.14         | 0.652       | Inf              |
| 2565MHz_RB 1,#RB H              | Pass   | 6.9         | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2565MHz_RB 25,#RB L             | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2565MHz_RB 25,#RB M             | Pass   | 6.9         | 20.28           | 20.28          | 0.107        | 2                 | 27.18         | 0.522       | Inf              |
| 2565MHz_RB 25,#RB H             | Pass   | 6.9         | 20.10           | 20.10          | 0.102        | 2                 | 27.00         | 0.501       | Inf              |
| Band 7_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2505MHz_RB 50,#RB 0             | Pass   | 6.9         | 19.25           | 19.25          | 0.084        | 2                 | 26.15         | 0.412       | Inf              |
| 2505MHz_RB 1,#RB L              | Pass   | 6.9         | 20.45           | 20.45          | 0.111        | 2                 | 27.35         | 0.543       | Inf              |
| 2505MHz_RB 1,#RB M              | Pass   | 6.9         | 20.02           | 20.02          | 0.100        | 2                 | 26.92         | 0.492       | Inf              |
| 2505MHz_RB 1,#RB H              | Pass   | 6.9         | 20.40           | 20.40          | 0.110        | 2                 | 27.30         | 0.537       | Inf              |
| 2505MHz_RB 25,#RB L             | Pass   | 6.9         | 19.27           | 19.27          | 0.085        | 2                 | 26.17         | 0.414       | Inf              |
| 2505MHz_RB 25,#RB M             | Pass   | 6.9         | 19.28           | 19.28          | 0.085        | 2                 | 26.18         | 0.415       | Inf              |
| 2505MHz_RB 25,#RB H             | Pass   | 6.9         | 19.18           | 19.18          | 0.083        | 2                 | 26.08         | 0.406       | Inf              |
| 2535MHz_RB 50,#RB 0             | Pass   | 6.9         | 19.30           | 19.30          | 0.085        | 2                 | 26.20         | 0.417       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 20.56           | 20.56          | 0.114        | 2                 | 27.46         | 0.557       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 20.54           | 20.54          | 0.113        | 2                 | 27.44         | 0.555       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2535MHz_RB 25,#RB L             | Pass   | 6.9         | 19.29           | 19.29          | 0.085        | 2                 | 26.19         | 0.416       | Inf              |
| 2535MHz_RB 25,#RB M             | Pass   | 6.9         | 19.40           | 19.40          | 0.087        | 2                 | 26.30         | 0.427       | Inf              |
| 2535MHz_RB 25,#RB H             | Pass   | 6.9         | 19.27           | 19.27          | 0.085        | 2                 | 26.17         | 0.414       | Inf              |
| 2565MHz_RB 50,#RB 0             | Pass   | 6.9         | 19.22           | 19.22          | 0.084        | 2                 | 26.12         | 0.409       | Inf              |
| 2565MHz_RB 1,#RB L              | Pass   | 6.9         | 20.31           | 20.31          | 0.107        | 2                 | 27.21         | 0.526       | Inf              |
| 2565MHz_RB 1,#RB M              | Pass   | 6.9         | 20.13           | 20.13          | 0.103        | 2                 | 27.03         | 0.505       | Inf              |
| 2565MHz_RB 1,#RB H              | Pass   | 6.9         | 20.32           | 20.32          | 0.108        | 2                 | 27.22         | 0.527       | Inf              |
| 2565MHz_RB 25,#RB L             | Pass   | 6.9         | 19.33           | 19.33          | 0.086        | 2                 | 26.23         | 0.420       | Inf              |
| 2565MHz_RB 25,#RB M             | Pass   | 6.9         | 19.23           | 19.23          | 0.084        | 2                 | 26.13         | 0.410       | Inf              |
| 2565MHz_RB 25,#RB H             | Pass   | 6.9         | 19.15           | 19.15          | 0.082        | 2                 | 26.05         | 0.403       | Inf              |
| Band 7_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2507.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 21.11           | 21.11          | 0.129        | 2                 | 28.01         | 0.632       | Inf              |
| 2507.5MHz_RB 1,#RB L            | Pass   | 6.9         | 22.21           | 22.21          | 0.166        | 2                 | 29.11         | 0.815       | Inf              |
| 2507.5MHz_RB 1,#RB M            | Pass   | 6.9         | 22.10           | 22.10          | 0.162        | 2                 | 29.00         | 0.794       | Inf              |
| 2507.5MHz_RB 1,#RB H            | Pass   | 6.9         | 21.98           | 21.98          | 0.158        | 2                 | 28.88         | 0.773       | Inf              |
| 2507.5MHz_RB 36,#RB L           | Pass   | 6.9         | 21.14           | 21.14          | 0.130        | 2                 | 28.04         | 0.637       | Inf              |
| 2507.5MHz_RB 36,#RB M           | Pass   | 6.9         | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |
| 2507.5MHz_RB 36,#RB H           | Pass   | 6.9         | 21.10           | 21.10          | 0.129        | 2                 | 28.00         | 0.631       | Inf              |
| 2535MHz_RB 75,#RB 0             | Pass   | 6.9         | 21.24           | 21.24          | 0.133        | 2                 | 28.14         | 0.652       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 22.31           | 22.31          | 0.170        | 2                 | 29.21         | 0.834       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 22.20           | 22.20          | 0.166        | 2                 | 29.10         | 0.813       | Inf              |

## Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 22.12           | 22.12          | 0.163        | 2                 | 29.02         | 0.798       | Inf              |
| 2535MHz_RB 36,#RB L             | Pass   | 6.9         | 21.27           | 21.27          | 0.134        | 2                 | 28.17         | 0.656       | Inf              |
| 2535MHz_RB 36,#RB M             | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2535MHz_RB 36,#RB H             | Pass   | 6.9         | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |
| 2562.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |
| 2562.5MHz_RB 1,#RB L            | Pass   | 6.9         | 22.26           | 22.26          | 0.168        | 2                 | 29.16         | 0.824       | Inf              |
| 2562.5MHz_RB 1,#RB M            | Pass   | 6.9         | 22.15           | 22.15          | 0.164        | 2                 | 29.05         | 0.804       | Inf              |
| 2562.5MHz_RB 1,#RB H            | Pass   | 6.9         | 22.07           | 22.07          | 0.161        | 2                 | 28.97         | 0.789       | Inf              |
| 2562.5MHz_RB 36,#RB L           | Pass   | 6.9         | 21.23           | 21.23          | 0.133        | 2                 | 28.13         | 0.650       | Inf              |
| 2562.5MHz_RB 36,#RB M           | Pass   | 6.9         | 21.21           | 21.21          | 0.132        | 2                 | 28.11         | 0.647       | Inf              |
| 2562.5MHz_RB 36,#RB H           | Pass   | 6.9         | 21.11           | 21.11          | 0.129        | 2                 | 28.01         | 0.632       | Inf              |
| Band 7_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2507.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 20.23           | 20.23          | 0.105        | 2                 | 27.13         | 0.516       | Inf              |
| 2507.5MHz_RB 1,#RB L            | Pass   | 6.9         | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2507.5MHz_RB 1,#RB M            | Pass   | 6.9         | 21.43           | 21.43          | 0.139        | 2                 | 28.33         | 0.681       | Inf              |
| 2507.5MHz_RB 1,#RB H            | Pass   | 6.9         | 21.27           | 21.27          | 0.134        | 2                 | 28.17         | 0.656       | Inf              |
| 2507.5MHz_RB 36,#RB L           | Pass   | 6.9         | 20.25           | 20.25          | 0.106        | 2                 | 27.15         | 0.519       | Inf              |
| 2507.5MHz_RB 36,#RB M           | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2507.5MHz_RB 36,#RB H           | Pass   | 6.9         | 20.25           | 20.25          | 0.106        | 2                 | 27.15         | 0.519       | Inf              |
| 2535MHz_RB 75,#RB 0             | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 21.48           | 21.48          | 0.141        | 2                 | 28.38         | 0.689       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 21.28           | 21.28          | 0.134        | 2                 | 28.18         | 0.658       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 21.28           | 21.28          | 0.134        | 2                 | 28.18         | 0.658       | Inf              |
| 2535MHz_RB 36,#RB L             | Pass   | 6.9         | 20.46           | 20.46          | 0.111        | 2                 | 27.36         | 0.545       | Inf              |
| 2535MHz_RB 36,#RB M             | Pass   | 6.9         | 20.33           | 20.33          | 0.108        | 2                 | 27.23         | 0.528       | Inf              |
| 2535MHz_RB 36,#RB H             | Pass   | 6.9         | 20.28           | 20.28          | 0.107        | 2                 | 27.18         | 0.522       | Inf              |
| 2562.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| 2562.5MHz_RB 1,#RB L            | Pass   | 6.9         | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| 2562.5MHz_RB 1,#RB M            | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2562.5MHz_RB 1,#RB H            | Pass   | 6.9         | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2562.5MHz_RB 36,#RB L           | Pass   | 6.9         | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2562.5MHz_RB 36,#RB M           | Pass   | 6.9         | 20.31           | 20.31          | 0.107        | 2                 | 27.21         | 0.526       | Inf              |
| 2562.5MHz_RB 36,#RB H           | Pass   | 6.9         | 20.26           | 20.26          | 0.106        | 2                 | 27.16         | 0.520       | Inf              |
| Band 7_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2507.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 19.29           | 19.29          | 0.085        | 2                 | 26.19         | 0.416       | Inf              |
| 2507.5MHz_RB 1,#RB L            | Pass   | 6.9         | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2507.5MHz_RB 1,#RB M            | Pass   | 6.9         | 20.46           | 20.46          | 0.111        | 2                 | 27.36         | 0.545       | Inf              |
| 2507.5MHz_RB 1,#RB H            | Pass   | 6.9         | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2507.5MHz_RB 36,#RB L           | Pass   | 6.9         | 19.26           | 19.26          | 0.084        | 2                 | 26.16         | 0.413       | Inf              |
| 2507.5MHz_RB 36,#RB M           | Pass   | 6.9         | 19.29           | 19.29          | 0.085        | 2                 | 26.19         | 0.416       | Inf              |
| 2507.5MHz_RB 36,#RB H           | Pass   | 6.9         | 19.24           | 19.24          | 0.084        | 2                 | 26.14         | 0.411       | Inf              |
| 2535MHz_RB 75,#RB 0             | Pass   | 6.9         | 19.30           | 19.30          | 0.085        | 2                 | 26.20         | 0.417       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 20.48           | 20.48          | 0.112        | 2                 | 27.38         | 0.547       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2535MHz_RB 36,#RB L             | Pass   | 6.9         | 19.37           | 19.37          | 0.086        | 2                 | 26.27         | 0.424       | Inf              |
| 2535MHz_RB 36,#RB M             | Pass   | 6.9         | 19.37           | 19.37          | 0.086        | 2                 | 26.27         | 0.424       | Inf              |
| 2535MHz_RB 36,#RB H             | Pass   | 6.9         | 19.28           | 19.28          | 0.085        | 2                 | 26.18         | 0.415       | Inf              |



**Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)**

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2562.5MHz_RB 75,#RB 0           | Pass   | 6.9         | 19.27           | 19.27          | 0.085        | 2                 | 26.17         | 0.414       | Inf              |
| 2562.5MHz_RB 1,#RB L            | Pass   | 6.9         | 20.58           | 20.58          | 0.114        | 2                 | 27.48         | 0.560       | Inf              |
| 2562.5MHz_RB 1,#RB M            | Pass   | 6.9         | 20.46           | 20.46          | 0.111        | 2                 | 27.36         | 0.545       | Inf              |
| 2562.5MHz_RB 1,#RB H            | Pass   | 6.9         | 20.17           | 20.17          | 0.104        | 2                 | 27.07         | 0.509       | Inf              |
| 2562.5MHz_RB 36,#RB L           | Pass   | 6.9         | 19.35           | 19.35          | 0.086        | 2                 | 26.25         | 0.422       | Inf              |
| 2562.5MHz_RB 36,#RB M           | Pass   | 6.9         | 19.28           | 19.28          | 0.085        | 2                 | 26.18         | 0.415       | Inf              |
| 2562.5MHz_RB 36,#RB H           | Pass   | 6.9         | 19.23           | 19.23          | 0.084        | 2                 | 26.13         | 0.410       | Inf              |
| Band 7_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2510MHz_RB 100,#RB 0            | Pass   | 6.9         | 21.21           | 21.21          | 0.132        | 2                 | 28.11         | 0.647       | Inf              |
| 2510MHz_RB 1,#RB L              | Pass   | 6.9         | 22.17           | 22.17          | 0.165        | 2                 | 29.07         | 0.807       | Inf              |
| 2510MHz_RB 1,#RB M              | Pass   | 6.9         | 22.19           | 22.19          | 0.166        | 2                 | 29.09         | 0.811       | Inf              |
| 2510MHz_RB 1,#RB H              | Pass   | 6.9         | 22.04           | 22.04          | 0.160        | 2                 | 28.94         | 0.783       | Inf              |
| 2510MHz_RB 50,#RB L             | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2510MHz_RB 50,#RB M             | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2510MHz_RB 50,#RB H             | Pass   | 6.9         | 21.14           | 21.14          | 0.130        | 2                 | 28.04         | 0.637       | Inf              |
| 2535MHz_RB 100,#RB 0            | Pass   | 6.9         | 21.24           | 21.24          | 0.133        | 2                 | 28.14         | 0.652       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 22.48           | 22.48          | 0.177        | 2                 | 29.38         | 0.867       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 22.15           | 22.15          | 0.164        | 2                 | 29.05         | 0.804       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 22.06           | 22.06          | 0.161        | 2                 | 28.96         | 0.787       | Inf              |
| 2535MHz_RB 50,#RB L             | Pass   | 6.9         | 21.38           | 21.38          | 0.137        | 2                 | 28.28         | 0.673       | Inf              |
| 2535MHz_RB 50,#RB M             | Pass   | 6.9         | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2535MHz_RB 50,#RB H             | Pass   | 6.9         | 21.27           | 21.27          | 0.134        | 2                 | 28.17         | 0.656       | Inf              |
| 2560MHz_RB 100,#RB 0            | Pass   | 6.9         | 21.21           | 21.21          | 0.132        | 2                 | 28.11         | 0.647       | Inf              |
| 2560MHz_RB 1,#RB L              | Pass   | 6.9         | 22.34           | 22.34          | 0.171        | 2                 | 29.24         | 0.839       | Inf              |
| 2560MHz_RB 1,#RB M              | Pass   | 6.9         | 22.15           | 22.15          | 0.164        | 2                 | 29.05         | 0.804       | Inf              |
| 2560MHz_RB 1,#RB H              | Pass   | 6.9         | 22.00           | 22.00          | 0.158        | 2                 | 28.90         | 0.776       | Inf              |
| 2560MHz_RB 50,#RB L             | Pass   | 6.9         | 21.28           | 21.28          | 0.134        | 2                 | 28.18         | 0.658       | Inf              |
| 2560MHz_RB 50,#RB M             | Pass   | 6.9         | 21.25           | 21.25          | 0.133        | 2                 | 28.15         | 0.653       | Inf              |
| 2560MHz_RB 50,#RB H             | Pass   | 6.9         | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |
| Band 7_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2510MHz_RB 100,#RB 0            | Pass   | 6.9         | 20.32           | 20.32          | 0.108        | 2                 | 27.22         | 0.527       | Inf              |
| 2510MHz_RB 1,#RB L              | Pass   | 6.9         | 21.56           | 21.56          | 0.143        | 2                 | 28.46         | 0.701       | Inf              |
| 2510MHz_RB 1,#RB M              | Pass   | 6.9         | 21.31           | 21.31          | 0.135        | 2                 | 28.21         | 0.662       | Inf              |
| 2510MHz_RB 1,#RB H              | Pass   | 6.9         | 21.24           | 21.24          | 0.133        | 2                 | 28.14         | 0.652       | Inf              |
| 2510MHz_RB 50,#RB L             | Pass   | 6.9         | 20.41           | 20.41          | 0.110        | 2                 | 27.31         | 0.538       | Inf              |
| 2510MHz_RB 50,#RB M             | Pass   | 6.9         | 20.32           | 20.32          | 0.108        | 2                 | 27.22         | 0.527       | Inf              |
| 2510MHz_RB 50,#RB H             | Pass   | 6.9         | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2535MHz_RB 100,#RB 0            | Pass   | 6.9         | 20.36           | 20.36          | 0.109        | 2                 | 27.26         | 0.532       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 21.71           | 21.71          | 0.148        | 2                 | 28.61         | 0.726       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 21.44           | 21.44          | 0.139        | 2                 | 28.34         | 0.682       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 21.32           | 21.32          | 0.136        | 2                 | 28.22         | 0.664       | Inf              |
| 2535MHz_RB 50,#RB L             | Pass   | 6.9         | 20.49           | 20.49          | 0.112        | 2                 | 27.39         | 0.548       | Inf              |
| 2535MHz_RB 50,#RB M             | Pass   | 6.9         | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2535MHz_RB 50,#RB H             | Pass   | 6.9         | 20.18           | 20.18          | 0.104        | 2                 | 27.08         | 0.511       | Inf              |
| 2560MHz_RB 100,#RB 0            | Pass   | 6.9         | 20.31           | 20.31          | 0.107        | 2                 | 27.21         | 0.526       | Inf              |
| 2560MHz_RB 1,#RB L              | Pass   | 6.9         | 21.54           | 21.54          | 0.143        | 2                 | 28.44         | 0.698       | Inf              |
| 2560MHz_RB 1,#RB M              | Pass   | 6.9         | 21.19           | 21.19          | 0.132        | 2                 | 28.09         | 0.644       | Inf              |
| 2560MHz_RB 1,#RB H              | Pass   | 6.9         | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2560MHz_RB 50,#RB L             | Pass   | 6.9         | 20.37           | 20.37          | 0.109        | 2                 | 27.27         | 0.533       | Inf              |
| 2560MHz_RB 50,#RB M             | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| 2560MHz_RB 50,#RB H             | Pass   | 6.9         | 20.29           | 20.29          | 0.107        | 2                 | 27.19         | 0.524       | Inf              |
| Band 7_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2510MHz_RB 100,#RB 0            | Pass   | 6.9         | 19.35           | 19.35          | 0.086        | 2                 | 26.25         | 0.422       | Inf              |
| 2510MHz_RB 1,#RB L              | Pass   | 6.9         | 20.41           | 20.41          | 0.110        | 2                 | 27.31         | 0.538       | Inf              |
| 2510MHz_RB 1,#RB M              | Pass   | 6.9         | 20.42           | 20.42          | 0.110        | 2                 | 27.32         | 0.540       | Inf              |
| 2510MHz_RB 1,#RB H              | Pass   | 6.9         | 20.13           | 20.13          | 0.103        | 2                 | 27.03         | 0.505       | Inf              |
| 2510MHz_RB 50,#RB L             | Pass   | 6.9         | 19.36           | 19.36          | 0.086        | 2                 | 26.26         | 0.423       | Inf              |
| 2510MHz_RB 50,#RB M             | Pass   | 6.9         | 19.34           | 19.34          | 0.086        | 2                 | 26.24         | 0.421       | Inf              |
| 2510MHz_RB 50,#RB H             | Pass   | 6.9         | 19.26           | 19.26          | 0.084        | 2                 | 26.16         | 0.413       | Inf              |
| 2535MHz_RB 100,#RB 0            | Pass   | 6.9         | 19.38           | 19.38          | 0.087        | 2                 | 26.28         | 0.425       | Inf              |
| 2535MHz_RB 1,#RB L              | Pass   | 6.9         | 20.47           | 20.47          | 0.111        | 2                 | 27.37         | 0.546       | Inf              |
| 2535MHz_RB 1,#RB M              | Pass   | 6.9         | 20.48           | 20.48          | 0.112        | 2                 | 27.38         | 0.547       | Inf              |
| 2535MHz_RB 1,#RB H              | Pass   | 6.9         | 20.32           | 20.32          | 0.108        | 2                 | 27.22         | 0.527       | Inf              |
| 2535MHz_RB 50,#RB L             | Pass   | 6.9         | 19.44           | 19.44          | 0.088        | 2                 | 26.34         | 0.431       | Inf              |
| 2535MHz_RB 50,#RB M             | Pass   | 6.9         | 19.37           | 19.37          | 0.086        | 2                 | 26.27         | 0.424       | Inf              |
| 2535MHz_RB 50,#RB H             | Pass   | 6.9         | 19.31           | 19.31          | 0.085        | 2                 | 26.21         | 0.418       | Inf              |
| 2560MHz_RB 100,#RB 0            | Pass   | 6.9         | 19.31           | 19.31          | 0.085        | 2                 | 26.21         | 0.418       | Inf              |
| 2560MHz_RB 1,#RB L              | Pass   | 6.9         | 20.55           | 20.55          | 0.114        | 2                 | 27.45         | 0.556       | Inf              |
| 2560MHz_RB 1,#RB M              | Pass   | 6.9         | 20.30           | 20.30          | 0.107        | 2                 | 27.20         | 0.525       | Inf              |
| 2560MHz_RB 1,#RB H              | Pass   | 6.9         | 20.11           | 20.11          | 0.103        | 2                 | 27.01         | 0.502       | Inf              |
| 2560MHz_RB 50,#RB L             | Pass   | 6.9         | 19.40           | 19.40          | 0.087        | 2                 | 26.30         | 0.427       | Inf              |
| 2560MHz_RB 50,#RB M             | Pass   | 6.9         | 19.33           | 19.33          | 0.086        | 2                 | 26.23         | 0.420       | Inf              |
| 2560MHz_RB 50,#RB H             | Pass   | 6.9         | 19.23           | 19.23          | 0.084        | 2                 | 26.13         | 0.410       | Inf              |

DG = Directional Gain; Port n = Port n output power

Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------------|----------------|--------------|--------------|------------|
| Band 12                   | -              | -            | -            | -          |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 21.83          | 0.152        | 22.68        | 0.185      |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.00          | 0.126        | 21.85        | 0.153      |
| LTE_1.4MHz_Nss1,64QAM_1TX | 20.20          | 0.105        | 21.05        | 0.127      |
| LTE_3MHz_Nss1,QPSK_1TX    | 21.97          | 0.157        | 22.82        | 0.191      |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.12          | 0.129        | 21.97        | 0.157      |
| LTE_3MHz_Nss1,64QAM_1TX   | 20.30          | 0.107        | 21.15        | 0.130      |
| LTE_5MHz_Nss1,QPSK_1TX    | 21.97          | 0.157        | 22.82        | 0.191      |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.18          | 0.131        | 22.03        | 0.160      |
| LTE_5MHz_Nss1,64QAM_1TX   | 20.12          | 0.103        | 20.97        | 0.125      |
| LTE_10MHz_Nss1,QPSK_1TX   | 21.93          | 0.156        | 22.78        | 0.190      |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.15          | 0.130        | 22.00        | 0.158      |
| LTE_10MHz_Nss1,64QAM_1TX  | 20.15          | 0.104        | 21.00        | 0.126      |



Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|-----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 12_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 699.7MHz_RB 6,#RB 0               | Pass   | 3.00        | 20.66           | 20.66          | 0.116        | 21.51        | 0.142      | 30.00           |
| 699.7MHz_RB 1,#RB L               | Pass   | 3.00        | 21.79           | 21.79          | 0.151        | 22.64        | 0.184      | 30.00           |
| 699.7MHz_RB 1,#RB M               | Pass   | 3.00        | 21.76           | 21.76          | 0.150        | 22.61        | 0.182      | 30.00           |
| 699.7MHz_RB 1,#RB H               | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 699.7MHz_RB 3,#RB L               | Pass   | 3.00        | 21.72           | 21.72          | 0.149        | 22.57        | 0.181      | 30.00           |
| 699.7MHz_RB 3,#RB M               | Pass   | 3.00        | 21.74           | 21.74          | 0.149        | 22.59        | 0.182      | 30.00           |
| 699.7MHz_RB 3,#RB H               | Pass   | 3.00        | 21.64           | 21.64          | 0.146        | 22.49        | 0.177      | 30.00           |
| 707.5MHz_RB 6,#RB 0               | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 707.5MHz_RB 1,#RB L               | Pass   | 3.00        | 21.59           | 21.59          | 0.144        | 22.44        | 0.175      | 30.00           |
| 707.5MHz_RB 1,#RB M               | Pass   | 3.00        | 21.62           | 21.62          | 0.145        | 22.47        | 0.177      | 30.00           |
| 707.5MHz_RB 1,#RB H               | Pass   | 3.00        | 21.55           | 21.55          | 0.143        | 22.40        | 0.174      | 30.00           |
| 707.5MHz_RB 3,#RB L               | Pass   | 3.00        | 21.72           | 21.72          | 0.149        | 22.57        | 0.181      | 30.00           |
| 707.5MHz_RB 3,#RB M               | Pass   | 3.00        | 21.75           | 21.75          | 0.150        | 22.60        | 0.182      | 30.00           |
| 707.5MHz_RB 3,#RB H               | Pass   | 3.00        | 21.71           | 21.71          | 0.148        | 22.56        | 0.180      | 30.00           |
| 715.3MHz_RB 6,#RB 0               | Pass   | 3.00        | 20.77           | 20.77          | 0.119        | 21.62        | 0.145      | 30.00           |
| 715.3MHz_RB 1,#RB L               | Pass   | 3.00        | 21.83           | 21.83          | 0.152        | 22.68        | 0.185      | 30.00           |
| 715.3MHz_RB 1,#RB M               | Pass   | 3.00        | 21.72           | 21.72          | 0.149        | 22.57        | 0.181      | 30.00           |
| 715.3MHz_RB 1,#RB H               | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 715.3MHz_RB 3,#RB L               | Pass   | 3.00        | 21.74           | 21.74          | 0.149        | 22.59        | 0.182      | 30.00           |
| 715.3MHz_RB 3,#RB M               | Pass   | 3.00        | 21.77           | 21.77          | 0.150        | 22.62        | 0.183      | 30.00           |
| 715.3MHz_RB 3,#RB H               | Pass   | 3.00        | 21.74           | 21.74          | 0.149        | 22.59        | 0.182      | 30.00           |
| Band 12_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 699.7MHz_RB 6,#RB 0               | Pass   | 3.00        | 19.82           | 19.82          | 0.096        | 20.67        | 0.117      | 30.00           |
| 699.7MHz_RB 1,#RB L               | Pass   | 3.00        | 20.95           | 20.95          | 0.124        | 21.80        | 0.151      | 30.00           |
| 699.7MHz_RB 1,#RB M               | Pass   | 3.00        | 20.87           | 20.87          | 0.122        | 21.72        | 0.149      | 30.00           |
| 699.7MHz_RB 1,#RB H               | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 699.7MHz_RB 3,#RB L               | Pass   | 3.00        | 20.84           | 20.84          | 0.121        | 21.69        | 0.148      | 30.00           |
| 699.7MHz_RB 3,#RB M               | Pass   | 3.00        | 20.78           | 20.78          | 0.120        | 21.63        | 0.146      | 30.00           |
| 699.7MHz_RB 3,#RB H               | Pass   | 3.00        | 20.91           | 20.91          | 0.123        | 21.76        | 0.150      | 30.00           |
| 707.5MHz_RB 6,#RB 0               | Pass   | 3.00        | 19.79           | 19.79          | 0.095        | 20.64        | 0.116      | 30.00           |
| 707.5MHz_RB 1,#RB L               | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 707.5MHz_RB 1,#RB M               | Pass   | 3.00        | 20.90           | 20.90          | 0.123        | 21.75        | 0.150      | 30.00           |
| 707.5MHz_RB 1,#RB H               | Pass   | 3.00        | 20.93           | 20.93          | 0.124        | 21.78        | 0.151      | 30.00           |
| 707.5MHz_RB 3,#RB L               | Pass   | 3.00        | 20.77           | 20.77          | 0.119        | 21.62        | 0.145      | 30.00           |
| 707.5MHz_RB 3,#RB M               | Pass   | 3.00        | 20.99           | 20.99          | 0.126        | 21.84        | 0.153      | 30.00           |
| 707.5MHz_RB 3,#RB H               | Pass   | 3.00        | 20.81           | 20.81          | 0.121        | 21.66        | 0.147      | 30.00           |
| 715.3MHz_RB 6,#RB 0               | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 715.3MHz_RB 1,#RB L               | Pass   | 3.00        | 20.70           | 20.70          | 0.117        | 21.55        | 0.143      | 30.00           |
| 715.3MHz_RB 1,#RB M               | Pass   | 3.00        | 21.00           | 21.00          | 0.126        | 21.85        | 0.153      | 30.00           |
| 715.3MHz_RB 1,#RB H               | Pass   | 3.00        | 20.86           | 20.86          | 0.122        | 21.71        | 0.148      | 30.00           |
| 715.3MHz_RB 3,#RB L               | Pass   | 3.00        | 20.90           | 20.90          | 0.123        | 21.75        | 0.150      | 30.00           |
| 715.3MHz_RB 3,#RB M               | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 715.3MHz_RB 3,#RB H               | Pass   | 3.00        | 20.86           | 20.86          | 0.122        | 21.71        | 0.148      | 30.00           |
| Band 12_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 699.7MHz_RB 6,#RB 0               | Pass   | 3.00        | 18.92           | 18.92          | 0.078        | 19.77        | 0.095      | 30.00           |
| 699.7MHz_RB 1,#RB L               | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |

## Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 699.7MHz_RB 1,#RB M             | Pass   | 3.00        | 20.09           | 20.09          | 0.102        | 20.94        | 0.124      | 30.00           |
| 699.7MHz_RB 1,#RB H             | Pass   | 3.00        | 20.02           | 20.02          | 0.100        | 20.87        | 0.122      | 30.00           |
| 699.7MHz_RB 3,#RB L             | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 699.7MHz_RB 3,#RB M             | Pass   | 3.00        | 19.98           | 19.98          | 0.100        | 20.83        | 0.121      | 30.00           |
| 699.7MHz_RB 3,#RB H             | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |
| 707.5MHz_RB 6,#RB 0             | Pass   | 3.00        | 18.84           | 18.84          | 0.077        | 19.69        | 0.093      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.18           | 20.18          | 0.104        | 21.03        | 0.127      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.16           | 20.16          | 0.104        | 21.01        | 0.126      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 19.86           | 19.86          | 0.097        | 20.71        | 0.118      | 30.00           |
| 707.5MHz_RB 3,#RB L             | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 707.5MHz_RB 3,#RB M             | Pass   | 3.00        | 20.07           | 20.07          | 0.102        | 20.92        | 0.124      | 30.00           |
| 707.5MHz_RB 3,#RB H             | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 715.3MHz_RB 6,#RB 0             | Pass   | 3.00        | 18.80           | 18.80          | 0.076        | 19.65        | 0.092      | 30.00           |
| 715.3MHz_RB 1,#RB L             | Pass   | 3.00        | 19.91           | 19.91          | 0.098        | 20.76        | 0.119      | 30.00           |
| 715.3MHz_RB 1,#RB M             | Pass   | 3.00        | 19.83           | 19.83          | 0.096        | 20.68        | 0.117      | 30.00           |
| 715.3MHz_RB 1,#RB H             | Pass   | 3.00        | 20.20           | 20.20          | 0.105        | 21.05        | 0.127      | 30.00           |
| 715.3MHz_RB 3,#RB L             | Pass   | 3.00        | 19.89           | 19.89          | 0.097        | 20.74        | 0.119      | 30.00           |
| 715.3MHz_RB 3,#RB M             | Pass   | 3.00        | 19.84           | 19.84          | 0.096        | 20.69        | 0.117      | 30.00           |
| 715.3MHz_RB 3,#RB H             | Pass   | 3.00        | 19.98           | 19.98          | 0.100        | 20.83        | 0.121      | 30.00           |
| Band 12_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 700.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 700.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 700.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.86           | 21.86          | 0.153        | 22.71        | 0.187      | 30.00           |
| 700.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.70           | 21.70          | 0.148        | 22.55        | 0.180      | 30.00           |
| 700.5MHz_RB 8,#RB L             | Pass   | 3.00        | 20.77           | 20.77          | 0.119        | 21.62        | 0.145      | 30.00           |
| 700.5MHz_RB 8,#RB M             | Pass   | 3.00        | 20.79           | 20.79          | 0.120        | 21.64        | 0.146      | 30.00           |
| 700.5MHz_RB 8,#RB H             | Pass   | 3.00        | 20.72           | 20.72          | 0.118        | 21.57        | 0.144      | 30.00           |
| 707.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 20.84           | 20.84          | 0.121        | 21.69        | 0.148      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.97           | 21.97          | 0.157        | 22.82        | 0.191      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.91           | 21.91          | 0.155        | 22.76        | 0.189      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.71           | 21.71          | 0.148        | 22.56        | 0.180      | 30.00           |
| 707.5MHz_RB 8,#RB L             | Pass   | 3.00        | 20.91           | 20.91          | 0.123        | 21.76        | 0.150      | 30.00           |
| 707.5MHz_RB 8,#RB M             | Pass   | 3.00        | 20.84           | 20.84          | 0.121        | 21.69        | 0.148      | 30.00           |
| 707.5MHz_RB 8,#RB H             | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 714.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 714.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.82           | 21.82          | 0.152        | 22.67        | 0.185      | 30.00           |
| 714.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.44           | 21.44          | 0.139        | 22.29        | 0.169      | 30.00           |
| 714.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.92           | 21.92          | 0.156        | 22.77        | 0.189      | 30.00           |
| 714.5MHz_RB 8,#RB L             | Pass   | 3.00        | 20.87           | 20.87          | 0.122        | 21.72        | 0.149      | 30.00           |
| 714.5MHz_RB 8,#RB M             | Pass   | 3.00        | 20.86           | 20.86          | 0.122        | 21.71        | 0.148      | 30.00           |
| 714.5MHz_RB 8,#RB H             | Pass   | 3.00        | 20.75           | 20.75          | 0.119        | 21.60        | 0.145      | 30.00           |
| Band 12_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 700.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 19.89           | 19.89          | 0.097        | 20.74        | 0.119      | 30.00           |
| 700.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.12           | 21.12          | 0.129        | 21.97        | 0.157      | 30.00           |
| 700.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.89           | 20.89          | 0.123        | 21.74        | 0.149      | 30.00           |
| 700.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.97           | 20.97          | 0.125        | 21.82        | 0.152      | 30.00           |
| 700.5MHz_RB 8,#RB L             | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 700.5MHz_RB 8,#RB M             | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |

## Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 700.5MHz_RB 8,#RB H             | Pass   | 3.00        | 19.91           | 19.91          | 0.098        | 20.76        | 0.119      | 30.00           |
| 707.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.94           | 20.94          | 0.124        | 21.79        | 0.151      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.89           | 20.89          | 0.123        | 21.74        | 0.149      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.95           | 20.95          | 0.124        | 21.80        | 0.151      | 30.00           |
| 707.5MHz_RB 8,#RB L             | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 707.5MHz_RB 8,#RB M             | Pass   | 3.00        | 19.98           | 19.98          | 0.100        | 20.83        | 0.121      | 30.00           |
| 707.5MHz_RB 8,#RB H             | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 714.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 714.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.03           | 21.03          | 0.127        | 21.88        | 0.154      | 30.00           |
| 714.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.03           | 21.03          | 0.127        | 21.88        | 0.154      | 30.00           |
| 714.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.70           | 20.70          | 0.117        | 21.55        | 0.143      | 30.00           |
| 714.5MHz_RB 8,#RB L             | Pass   | 3.00        | 19.95           | 19.95          | 0.099        | 20.80        | 0.120      | 30.00           |
| 714.5MHz_RB 8,#RB M             | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 714.5MHz_RB 8,#RB H             | Pass   | 3.00        | 20.02           | 20.02          | 0.100        | 20.87        | 0.122      | 30.00           |
| Band 12_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 700.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 18.86           | 18.86          | 0.077        | 19.71        | 0.094      | 30.00           |
| 700.5MHz_RB 1,#RB L             | Pass   | 3.00        | 19.98           | 19.98          | 0.100        | 20.83        | 0.121      | 30.00           |
| 700.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.30           | 20.30          | 0.107        | 21.15        | 0.130      | 30.00           |
| 700.5MHz_RB 1,#RB H             | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |
| 700.5MHz_RB 8,#RB L             | Pass   | 3.00        | 18.97           | 18.97          | 0.079        | 19.82        | 0.096      | 30.00           |
| 700.5MHz_RB 8,#RB M             | Pass   | 3.00        | 18.98           | 18.98          | 0.079        | 19.83        | 0.096      | 30.00           |
| 700.5MHz_RB 8,#RB H             | Pass   | 3.00        | 18.82           | 18.82          | 0.076        | 19.67        | 0.093      | 30.00           |
| 707.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 18.89           | 18.89          | 0.077        | 19.74        | 0.094      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 19.84           | 19.84          | 0.096        | 20.69        | 0.117      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 19.90           | 19.90          | 0.098        | 20.75        | 0.119      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 19.64           | 19.64          | 0.092        | 20.49        | 0.112      | 30.00           |
| 707.5MHz_RB 8,#RB L             | Pass   | 3.00        | 18.87           | 18.87          | 0.077        | 19.72        | 0.094      | 30.00           |
| 707.5MHz_RB 8,#RB M             | Pass   | 3.00        | 18.88           | 18.88          | 0.077        | 19.73        | 0.094      | 30.00           |
| 707.5MHz_RB 8,#RB H             | Pass   | 3.00        | 18.80           | 18.80          | 0.076        | 19.65        | 0.092      | 30.00           |
| 714.5MHz_RB 15,#RB 0            | Pass   | 3.00        | 18.97           | 18.97          | 0.079        | 19.82        | 0.096      | 30.00           |
| 714.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.11           | 20.11          | 0.103        | 20.96        | 0.125      | 30.00           |
| 714.5MHz_RB 1,#RB M             | Pass   | 3.00        | 19.83           | 19.83          | 0.096        | 20.68        | 0.117      | 30.00           |
| 714.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.00           | 20.00          | 0.100        | 20.85        | 0.122      | 30.00           |
| 714.5MHz_RB 8,#RB L             | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| 714.5MHz_RB 8,#RB M             | Pass   | 3.00        | 18.92           | 18.92          | 0.078        | 19.77        | 0.095      | 30.00           |
| 714.5MHz_RB 8,#RB H             | Pass   | 3.00        | 18.96           | 18.96          | 0.079        | 19.81        | 0.096      | 30.00           |
| Band 12_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 701.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 20.83           | 20.83          | 0.121        | 21.68        | 0.147      | 30.00           |
| 701.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.76           | 21.76          | 0.150        | 22.61        | 0.182      | 30.00           |
| 701.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.93           | 21.93          | 0.156        | 22.78        | 0.190      | 30.00           |
| 701.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.67           | 21.67          | 0.147        | 22.52        | 0.179      | 30.00           |
| 701.5MHz_RB 12,#RB L            | Pass   | 3.00        | 20.79           | 20.79          | 0.120        | 21.64        | 0.146      | 30.00           |
| 701.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 701.5MHz_RB 12,#RB H            | Pass   | 3.00        | 20.82           | 20.82          | 0.121        | 21.67        | 0.147      | 30.00           |
| 707.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 20.86           | 20.86          | 0.122        | 21.71        | 0.148      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.77           | 21.77          | 0.150        | 22.62        | 0.183      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.80           | 21.80          | 0.151        | 22.65        | 0.184      | 30.00           |

**Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.83           | 21.83          | 0.152        | 22.68        | 0.185      | 30.00           |
| 707.5MHz_RB 12,#RB L            | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 707.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.89           | 20.89          | 0.123        | 21.74        | 0.149      | 30.00           |
| 707.5MHz_RB 12,#RB H            | Pass   | 3.00        | 20.82           | 20.82          | 0.121        | 21.67        | 0.147      | 30.00           |
| 713.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 20.78           | 20.78          | 0.120        | 21.63        | 0.146      | 30.00           |
| 713.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.83           | 21.83          | 0.152        | 22.68        | 0.185      | 30.00           |
| 713.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.97           | 21.97          | 0.157        | 22.82        | 0.191      | 30.00           |
| 713.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 713.5MHz_RB 12,#RB L            | Pass   | 3.00        | 20.82           | 20.82          | 0.121        | 21.67        | 0.147      | 30.00           |
| 713.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 713.5MHz_RB 12,#RB H            | Pass   | 3.00        | 20.92           | 20.92          | 0.124        | 21.77        | 0.150      | 30.00           |
| Band 12_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 701.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 19.89           | 19.89          | 0.097        | 20.74        | 0.119      | 30.00           |
| 701.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.10           | 21.10          | 0.129        | 21.95        | 0.157      | 30.00           |
| 701.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.97           | 20.97          | 0.125        | 21.82        | 0.152      | 30.00           |
| 701.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.91           | 20.91          | 0.123        | 21.76        | 0.150      | 30.00           |
| 701.5MHz_RB 12,#RB L            | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 701.5MHz_RB 12,#RB M            | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 701.5MHz_RB 12,#RB H            | Pass   | 3.00        | 19.90           | 19.90          | 0.098        | 20.75        | 0.119      | 30.00           |
| 707.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.09           | 21.09          | 0.129        | 21.94        | 0.156      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.01           | 21.01          | 0.126        | 21.86        | 0.153      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.12           | 21.12          | 0.129        | 21.97        | 0.157      | 30.00           |
| 707.5MHz_RB 12,#RB L            | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 707.5MHz_RB 12,#RB M            | Pass   | 3.00        | 19.95           | 19.95          | 0.099        | 20.80        | 0.120      | 30.00           |
| 707.5MHz_RB 12,#RB H            | Pass   | 3.00        | 19.87           | 19.87          | 0.097        | 20.72        | 0.118      | 30.00           |
| 713.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 19.83           | 19.83          | 0.096        | 20.68        | 0.117      | 30.00           |
| 713.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 713.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.18           | 21.18          | 0.131        | 22.03        | 0.160      | 30.00           |
| 713.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.16           | 21.16          | 0.131        | 22.01        | 0.159      | 30.00           |
| 713.5MHz_RB 12,#RB L            | Pass   | 3.00        | 19.90           | 19.90          | 0.098        | 20.75        | 0.119      | 30.00           |
| 713.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.05           | 20.05          | 0.101        | 20.90        | 0.123      | 30.00           |
| 713.5MHz_RB 12,#RB H            | Pass   | 3.00        | 19.95           | 19.95          | 0.099        | 20.80        | 0.120      | 30.00           |
| Band 12_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 701.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 18.88           | 18.88          | 0.077        | 19.73        | 0.094      | 30.00           |
| 701.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.12           | 20.12          | 0.103        | 20.97        | 0.125      | 30.00           |
| 701.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.09           | 20.09          | 0.102        | 20.94        | 0.124      | 30.00           |
| 701.5MHz_RB 1,#RB H             | Pass   | 3.00        | 20.02           | 20.02          | 0.100        | 20.87        | 0.122      | 30.00           |
| 701.5MHz_RB 12,#RB L            | Pass   | 3.00        | 18.95           | 18.95          | 0.079        | 19.80        | 0.095      | 30.00           |
| 701.5MHz_RB 12,#RB M            | Pass   | 3.00        | 18.94           | 18.94          | 0.078        | 19.79        | 0.095      | 30.00           |
| 701.5MHz_RB 12,#RB H            | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| 707.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| 707.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.01           | 20.01          | 0.100        | 20.86        | 0.122      | 30.00           |
| 707.5MHz_RB 1,#RB M             | Pass   | 3.00        | 20.09           | 20.09          | 0.102        | 20.94        | 0.124      | 30.00           |
| 707.5MHz_RB 1,#RB H             | Pass   | 3.00        | 19.96           | 19.96          | 0.099        | 20.81        | 0.121      | 30.00           |
| 707.5MHz_RB 12,#RB L            | Pass   | 3.00        | 18.97           | 18.97          | 0.079        | 19.82        | 0.096      | 30.00           |
| 707.5MHz_RB 12,#RB M            | Pass   | 3.00        | 18.95           | 18.95          | 0.079        | 19.80        | 0.095      | 30.00           |
| 707.5MHz_RB 12,#RB H            | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |

## Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 713.5MHz_RB 25,#RB 0             | Pass   | 3.00        | 18.76           | 18.76          | 0.075        | 19.61        | 0.091      | 30.00           |
| 713.5MHz_RB 1,#RB L              | Pass   | 3.00        | 20.03           | 20.03          | 0.101        | 20.88        | 0.122      | 30.00           |
| 713.5MHz_RB 1,#RB M              | Pass   | 3.00        | 20.06           | 20.06          | 0.101        | 20.91        | 0.123      | 30.00           |
| 713.5MHz_RB 1,#RB H              | Pass   | 3.00        | 19.99           | 19.99          | 0.100        | 20.84        | 0.121      | 30.00           |
| 713.5MHz_RB 12,#RB L             | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| 713.5MHz_RB 12,#RB M             | Pass   | 3.00        | 18.99           | 18.99          | 0.079        | 19.84        | 0.096      | 30.00           |
| 713.5MHz_RB 12,#RB H             | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| Band 12_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 704MHz_RB 50,#RB 0               | Pass   | 3.00        | 20.91           | 20.91          | 0.123        | 21.76        | 0.150      | 30.00           |
| 704MHz_RB 1,#RB L                | Pass   | 3.00        | 21.79           | 21.79          | 0.151        | 22.64        | 0.184      | 30.00           |
| 704MHz_RB 1,#RB M                | Pass   | 3.00        | 21.70           | 21.70          | 0.148        | 22.55        | 0.180      | 30.00           |
| 704MHz_RB 1,#RB H                | Pass   | 3.00        | 21.81           | 21.81          | 0.152        | 22.66        | 0.185      | 30.00           |
| 704MHz_RB 25,#RB L               | Pass   | 3.00        | 20.82           | 20.82          | 0.121        | 21.67        | 0.147      | 30.00           |
| 704MHz_RB 25,#RB M               | Pass   | 3.00        | 20.96           | 20.96          | 0.125        | 21.81        | 0.152      | 30.00           |
| 704MHz_RB 25,#RB H               | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 707.5MHz_RB 50,#RB 0             | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 707.5MHz_RB 1,#RB L              | Pass   | 3.00        | 21.71           | 21.71          | 0.148        | 22.56        | 0.180      | 30.00           |
| 707.5MHz_RB 1,#RB M              | Pass   | 3.00        | 21.69           | 21.69          | 0.148        | 22.54        | 0.179      | 30.00           |
| 707.5MHz_RB 1,#RB H              | Pass   | 3.00        | 21.64           | 21.64          | 0.146        | 22.49        | 0.177      | 30.00           |
| 707.5MHz_RB 25,#RB L             | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 707.5MHz_RB 25,#RB M             | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 707.5MHz_RB 25,#RB H             | Pass   | 3.00        | 20.84           | 20.84          | 0.121        | 21.69        | 0.148      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 20.81           | 20.81          | 0.121        | 21.66        | 0.147      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 21.93           | 21.93          | 0.156        | 22.78        | 0.190      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 21.72           | 21.72          | 0.149        | 22.57        | 0.181      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 21.74           | 21.74          | 0.149        | 22.59        | 0.182      | 30.00           |
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 20.81           | 20.81          | 0.121        | 21.66        | 0.147      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 20.72           | 20.72          | 0.118        | 21.57        | 0.144      | 30.00           |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 704MHz_RB 50,#RB 0               | Pass   | 3.00        | 19.96           | 19.96          | 0.099        | 20.81        | 0.121      | 30.00           |
| 704MHz_RB 1,#RB L                | Pass   | 3.00        | 20.90           | 20.90          | 0.123        | 21.75        | 0.150      | 30.00           |
| 704MHz_RB 1,#RB M                | Pass   | 3.00        | 20.93           | 20.93          | 0.124        | 21.78        | 0.151      | 30.00           |
| 704MHz_RB 1,#RB H                | Pass   | 3.00        | 20.98           | 20.98          | 0.125        | 21.83        | 0.152      | 30.00           |
| 704MHz_RB 25,#RB L               | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 704MHz_RB 25,#RB M               | Pass   | 3.00        | 20.00           | 20.00          | 0.100        | 20.85        | 0.122      | 30.00           |
| 704MHz_RB 25,#RB H               | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 707.5MHz_RB 50,#RB 0             | Pass   | 3.00        | 19.94           | 19.94          | 0.099        | 20.79        | 0.120      | 30.00           |
| 707.5MHz_RB 1,#RB L              | Pass   | 3.00        | 21.15           | 21.15          | 0.130        | 22.00        | 0.158      | 30.00           |
| 707.5MHz_RB 1,#RB M              | Pass   | 3.00        | 21.07           | 21.07          | 0.128        | 21.92        | 0.156      | 30.00           |
| 707.5MHz_RB 1,#RB H              | Pass   | 3.00        | 20.73           | 20.73          | 0.118        | 21.58        | 0.144      | 30.00           |
| 707.5MHz_RB 25,#RB L             | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 707.5MHz_RB 25,#RB M             | Pass   | 3.00        | 19.96           | 19.96          | 0.099        | 20.81        | 0.121      | 30.00           |
| 707.5MHz_RB 25,#RB H             | Pass   | 3.00        | 19.92           | 19.92          | 0.098        | 20.77        | 0.119      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 19.86           | 19.86          | 0.097        | 20.71        | 0.118      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 21.04           | 21.04          | 0.127        | 21.89        | 0.155      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 20.69           | 20.69          | 0.117        | 21.54        | 0.143      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 20.83           | 20.83          | 0.121        | 21.68        | 0.147      | 30.00           |



Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 19.98           | 19.98          | 0.100        | 20.83        | 0.121      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 19.85           | 19.85          | 0.097        | 20.70        | 0.117      | 30.00           |
| Band 12_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| 704MHz_RB 50,#RB 0               | Pass   | 3.00        | 18.92           | 18.92          | 0.078        | 19.77        | 0.095      | 30.00           |
| 704MHz_RB 1,#RB L                | Pass   | 3.00        | 20.07           | 20.07          | 0.102        | 20.92        | 0.124      | 30.00           |
| 704MHz_RB 1,#RB M                | Pass   | 3.00        | 19.83           | 19.83          | 0.096        | 20.68        | 0.117      | 30.00           |
| 704MHz_RB 1,#RB H                | Pass   | 3.00        | 19.96           | 19.96          | 0.099        | 20.81        | 0.121      | 30.00           |
| 704MHz_RB 25,#RB L               | Pass   | 3.00        | 18.93           | 18.93          | 0.078        | 19.78        | 0.095      | 30.00           |
| 704MHz_RB 25,#RB M               | Pass   | 3.00        | 19.00           | 19.00          | 0.079        | 19.85        | 0.097      | 30.00           |
| 704MHz_RB 25,#RB H               | Pass   | 3.00        | 18.91           | 18.91          | 0.078        | 19.76        | 0.095      | 30.00           |
| 707.5MHz_RB 50,#RB 0             | Pass   | 3.00        | 18.87           | 18.87          | 0.077        | 19.72        | 0.094      | 30.00           |
| 707.5MHz_RB 1,#RB L              | Pass   | 3.00        | 19.85           | 19.85          | 0.097        | 20.70        | 0.117      | 30.00           |
| 707.5MHz_RB 1,#RB M              | Pass   | 3.00        | 19.93           | 19.93          | 0.098        | 20.78        | 0.120      | 30.00           |
| 707.5MHz_RB 1,#RB H              | Pass   | 3.00        | 20.15           | 20.15          | 0.104        | 21.00        | 0.126      | 30.00           |
| 707.5MHz_RB 25,#RB L             | Pass   | 3.00        | 19.02           | 19.02          | 0.080        | 19.87        | 0.097      | 30.00           |
| 707.5MHz_RB 25,#RB M             | Pass   | 3.00        | 18.88           | 18.88          | 0.077        | 19.73        | 0.094      | 30.00           |
| 707.5MHz_RB 25,#RB H             | Pass   | 3.00        | 18.85           | 18.85          | 0.077        | 19.70        | 0.093      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 18.89           | 18.89          | 0.077        | 19.74        | 0.094      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 20.07           | 20.07          | 0.102        | 20.92        | 0.124      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 19.97           | 19.97          | 0.099        | 20.82        | 0.121      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 19.84           | 19.84          | 0.096        | 20.69        | 0.117      | 30.00           |
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 18.88           | 18.88          | 0.077        | 19.73        | 0.094      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 18.89           | 18.89          | 0.077        | 19.74        | 0.094      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 18.81           | 18.81          | 0.076        | 19.66        | 0.092      | 30.00           |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 13                  | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.24          | 0.167        | 25.59        | 0.362      |
| LTE_5MHz_Nss1,16QAM_1TX  | 21.55          | 0.143        | 24.90        | 0.309      |
| LTE_5MHz_Nss1,64QAM_1TX  | 20.31          | 0.107        | 23.66        | 0.232      |
| LTE_10MHz_Nss1,QPSK_1TX  | 22.24          | 0.167        | 25.59        | 0.362      |
| LTE_10MHz_Nss1,16QAM_1TX | 21.48          | 0.141        | 24.83        | 0.304      |
| LTE_10MHz_Nss1,64QAM_1TX | 20.41          | 0.110        | 23.76        | 0.238      |

Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

## Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 13_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 779.5MHz_RB 25,#RB 0            | Pass   | 5.50        | 21.09           | 21.09          | 0.129        | 24.44        | 0.278      | 30.00           |
| 779.5MHz_RB 1,#RB L             | Pass   | 5.50        | 22.17           | 22.17          | 0.165        | 25.52        | 0.356      | 30.00           |
| 779.5MHz_RB 1,#RB M             | Pass   | 5.50        | 22.14           | 22.14          | 0.164        | 25.49        | 0.354      | 30.00           |
| 779.5MHz_RB 1,#RB H             | Pass   | 5.50        | 21.96           | 21.96          | 0.157        | 25.31        | 0.340      | 30.00           |
| 779.5MHz_RB 12,#RB L            | Pass   | 5.50        | 21.02           | 21.02          | 0.126        | 24.37        | 0.274      | 30.00           |
| 779.5MHz_RB 12,#RB M            | Pass   | 5.50        | 21.16           | 21.16          | 0.131        | 24.51        | 0.282      | 30.00           |
| 779.5MHz_RB 12,#RB H            | Pass   | 5.50        | 21.05           | 21.05          | 0.127        | 24.40        | 0.275      | 30.00           |
| 782MHz_RB 25,#RB 0              | Pass   | 5.50        | 21.06           | 21.06          | 0.128        | 24.41        | 0.276      | 30.00           |
| 782MHz_RB 1,#RB L               | Pass   | 5.50        | 22.08           | 22.08          | 0.161        | 25.43        | 0.349      | 30.00           |
| 782MHz_RB 1,#RB M               | Pass   | 5.50        | 22.24           | 22.24          | 0.167        | 25.59        | 0.362      | 30.00           |
| 782MHz_RB 1,#RB H               | Pass   | 5.50        | 22.08           | 22.08          | 0.161        | 25.43        | 0.349      | 30.00           |
| 782MHz_RB 12,#RB L              | Pass   | 5.50        | 21.08           | 21.08          | 0.128        | 24.43        | 0.277      | 30.00           |
| 782MHz_RB 12,#RB M              | Pass   | 5.50        | 21.11           | 21.11          | 0.129        | 24.46        | 0.279      | 30.00           |
| 782MHz_RB 12,#RB H              | Pass   | 5.50        | 21.08           | 21.08          | 0.128        | 24.43        | 0.277      | 30.00           |
| 784.5MHz_RB 25,#RB 0            | Pass   | 5.50        | 21.11           | 21.11          | 0.129        | 24.46        | 0.279      | 30.00           |
| 784.5MHz_RB 1,#RB L             | Pass   | 5.50        | 22.02           | 22.02          | 0.159        | 25.37        | 0.344      | 30.00           |
| 784.5MHz_RB 1,#RB M             | Pass   | 5.50        | 22.12           | 22.12          | 0.163        | 25.47        | 0.352      | 30.00           |
| 784.5MHz_RB 1,#RB H             | Pass   | 5.50        | 21.92           | 21.92          | 0.156        | 25.27        | 0.337      | 30.00           |
| 784.5MHz_RB 12,#RB L            | Pass   | 5.50        | 21.10           | 21.10          | 0.129        | 24.45        | 0.279      | 30.00           |
| 784.5MHz_RB 12,#RB M            | Pass   | 5.50        | 21.11           | 21.11          | 0.129        | 24.46        | 0.279      | 30.00           |
| 784.5MHz_RB 12,#RB H            | Pass   | 5.50        | 21.13           | 21.13          | 0.130        | 24.48        | 0.281      | 30.00           |
| Band 13_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 779.5MHz_RB 25,#RB 0            | Pass   | 5.50        | 20.18           | 20.18          | 0.104        | 23.53        | 0.225      | 30.00           |
| 779.5MHz_RB 1,#RB L             | Pass   | 5.50        | 21.55           | 21.55          | 0.143        | 24.90        | 0.309      | 30.00           |
| 779.5MHz_RB 1,#RB M             | Pass   | 5.50        | 21.19           | 21.19          | 0.132        | 24.54        | 0.284      | 30.00           |
| 779.5MHz_RB 1,#RB H             | Pass   | 5.50        | 21.26           | 21.26          | 0.134        | 24.61        | 0.289      | 30.00           |
| 779.5MHz_RB 12,#RB L            | Pass   | 5.50        | 20.11           | 20.11          | 0.103        | 23.46        | 0.222      | 30.00           |
| 779.5MHz_RB 12,#RB M            | Pass   | 5.50        | 20.21           | 20.21          | 0.105        | 23.56        | 0.227      | 30.00           |
| 779.5MHz_RB 12,#RB H            | Pass   | 5.50        | 20.16           | 20.16          | 0.104        | 23.51        | 0.224      | 30.00           |
| 782MHz_RB 25,#RB 0              | Pass   | 5.50        | 20.19           | 20.19          | 0.104        | 23.54        | 0.226      | 30.00           |
| 782MHz_RB 1,#RB L               | Pass   | 5.50        | 21.15           | 21.15          | 0.130        | 24.50        | 0.282      | 30.00           |
| 782MHz_RB 1,#RB M               | Pass   | 5.50        | 21.28           | 21.28          | 0.134        | 24.63        | 0.290      | 30.00           |
| 782MHz_RB 1,#RB H               | Pass   | 5.50        | 21.15           | 21.15          | 0.130        | 24.50        | 0.282      | 30.00           |
| 782MHz_RB 12,#RB L              | Pass   | 5.50        | 20.17           | 20.17          | 0.104        | 23.52        | 0.225      | 30.00           |
| 782MHz_RB 12,#RB M              | Pass   | 5.50        | 20.18           | 20.18          | 0.104        | 23.53        | 0.225      | 30.00           |
| 782MHz_RB 12,#RB H              | Pass   | 5.50        | 20.19           | 20.19          | 0.104        | 23.54        | 0.226      | 30.00           |
| 784.5MHz_RB 25,#RB 0            | Pass   | 5.50        | 20.16           | 20.16          | 0.104        | 23.51        | 0.224      | 30.00           |
| 784.5MHz_RB 1,#RB L             | Pass   | 5.50        | 21.36           | 21.36          | 0.137        | 24.71        | 0.296      | 30.00           |
| 784.5MHz_RB 1,#RB M             | Pass   | 5.50        | 21.39           | 21.39          | 0.138        | 24.74        | 0.298      | 30.00           |
| 784.5MHz_RB 1,#RB H             | Pass   | 5.50        | 21.27           | 21.27          | 0.134        | 24.62        | 0.290      | 30.00           |
| 784.5MHz_RB 12,#RB L            | Pass   | 5.50        | 20.17           | 20.17          | 0.104        | 23.52        | 0.225      | 30.00           |
| 784.5MHz_RB 12,#RB M            | Pass   | 5.50        | 20.15           | 20.15          | 0.104        | 23.50        | 0.224      | 30.00           |
| 784.5MHz_RB 12,#RB H            | Pass   | 5.50        | 20.21           | 20.21          | 0.105        | 23.56        | 0.227      | 30.00           |
| Band 13_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 779.5MHz_RB 25,#RB 0            | Pass   | 5.50        | 19.20           | 19.20          | 0.083        | 22.55        | 0.180      | 30.00           |
| 779.5MHz_RB 1,#RB L             | Pass   | 5.50        | 20.31           | 20.31          | 0.107        | 23.66        | 0.232      | 30.00           |

Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 779.5MHz_RB 1,#RB M              | Pass   | 5.50        | 20.22           | 20.22          | 0.105        | 23.57        | 0.228      | 30.00           |
| 779.5MHz_RB 1,#RB H              | Pass   | 5.50        | 20.00           | 20.00          | 0.100        | 23.35        | 0.216      | 30.00           |
| 779.5MHz_RB 12,#RB L             | Pass   | 5.50        | 19.15           | 19.15          | 0.082        | 22.50        | 0.178      | 30.00           |
| 779.5MHz_RB 12,#RB M             | Pass   | 5.50        | 19.20           | 19.20          | 0.083        | 22.55        | 0.180      | 30.00           |
| 779.5MHz_RB 12,#RB H             | Pass   | 5.50        | 19.11           | 19.11          | 0.081        | 22.46        | 0.176      | 30.00           |
| 782MHz_RB 25,#RB 0               | Pass   | 5.50        | 19.14           | 19.14          | 0.082        | 22.49        | 0.177      | 30.00           |
| 782MHz_RB 1,#RB L                | Pass   | 5.50        | 20.28           | 20.28          | 0.107        | 23.63        | 0.231      | 30.00           |
| 782MHz_RB 1,#RB M                | Pass   | 5.50        | 20.27           | 20.27          | 0.106        | 23.62        | 0.230      | 30.00           |
| 782MHz_RB 1,#RB H                | Pass   | 5.50        | 20.12           | 20.12          | 0.103        | 23.47        | 0.222      | 30.00           |
| 782MHz_RB 12,#RB L               | Pass   | 5.50        | 19.17           | 19.17          | 0.083        | 22.52        | 0.179      | 30.00           |
| 782MHz_RB 12,#RB M               | Pass   | 5.50        | 19.21           | 19.21          | 0.083        | 22.56        | 0.180      | 30.00           |
| 782MHz_RB 12,#RB H               | Pass   | 5.50        | 19.15           | 19.15          | 0.082        | 22.50        | 0.178      | 30.00           |
| 784.5MHz_RB 25,#RB 0             | Pass   | 5.50        | 19.15           | 19.15          | 0.082        | 22.50        | 0.178      | 30.00           |
| 784.5MHz_RB 1,#RB L              | Pass   | 5.50        | 20.29           | 20.29          | 0.107        | 23.64        | 0.231      | 30.00           |
| 784.5MHz_RB 1,#RB M              | Pass   | 5.50        | 20.13           | 20.13          | 0.103        | 23.48        | 0.223      | 30.00           |
| 784.5MHz_RB 1,#RB H              | Pass   | 5.50        | 20.21           | 20.21          | 0.105        | 23.56        | 0.227      | 30.00           |
| 784.5MHz_RB 12,#RB L             | Pass   | 5.50        | 19.16           | 19.16          | 0.082        | 22.51        | 0.178      | 30.00           |
| 784.5MHz_RB 12,#RB M             | Pass   | 5.50        | 19.22           | 19.22          | 0.084        | 22.57        | 0.181      | 30.00           |
| 784.5MHz_RB 12,#RB H             | Pass   | 5.50        | 19.13           | 19.13          | 0.082        | 22.48        | 0.177      | 30.00           |
| Band 13_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 782MHz_RB 50,#RB 0               | Pass   | 5.50        | 21.21           | 21.21          | 0.132        | 24.56        | 0.286      | 30.00           |
| 782MHz_RB 1,#RB L                | Pass   | 5.50        | 22.24           | 22.24          | 0.167        | 25.59        | 0.362      | 30.00           |
| 782MHz_RB 1,#RB M                | Pass   | 5.50        | 22.13           | 22.13          | 0.163        | 25.48        | 0.353      | 30.00           |
| 782MHz_RB 1,#RB H                | Pass   | 5.50        | 22.14           | 22.14          | 0.164        | 25.49        | 0.354      | 30.00           |
| 782MHz_RB 25,#RB L               | Pass   | 5.50        | 21.23           | 21.23          | 0.133        | 24.58        | 0.287      | 30.00           |
| 782MHz_RB 25,#RB M               | Pass   | 5.50        | 21.24           | 21.24          | 0.133        | 24.59        | 0.288      | 30.00           |
| 782MHz_RB 25,#RB H               | Pass   | 5.50        | 21.22           | 21.22          | 0.132        | 24.57        | 0.286      | 30.00           |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 782MHz_RB 50,#RB 0               | Pass   | 5.50        | 20.25           | 20.25          | 0.106        | 23.60        | 0.229      | 30.00           |
| 782MHz_RB 1,#RB L                | Pass   | 5.50        | 21.39           | 21.39          | 0.138        | 24.74        | 0.298      | 30.00           |
| 782MHz_RB 1,#RB M                | Pass   | 5.50        | 21.48           | 21.48          | 0.141        | 24.83        | 0.304      | 30.00           |
| 782MHz_RB 1,#RB H                | Pass   | 5.50        | 21.41           | 21.41          | 0.138        | 24.76        | 0.299      | 30.00           |
| 782MHz_RB 25,#RB L               | Pass   | 5.50        | 20.29           | 20.29          | 0.107        | 23.64        | 0.231      | 30.00           |
| 782MHz_RB 25,#RB M               | Pass   | 5.50        | 20.28           | 20.28          | 0.107        | 23.63        | 0.231      | 30.00           |
| 782MHz_RB 25,#RB H               | Pass   | 5.50        | 20.30           | 20.30          | 0.107        | 23.65        | 0.232      | 30.00           |
| Band 13_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 782MHz_RB 50,#RB 0               | Pass   | 5.50        | 19.26           | 19.26          | 0.084        | 22.61        | 0.182      | 30.00           |
| 782MHz_RB 1,#RB L                | Pass   | 5.50        | 20.41           | 20.41          | 0.110        | 23.76        | 0.238      | 30.00           |
| 782MHz_RB 1,#RB M                | Pass   | 5.50        | 20.36           | 20.36          | 0.109        | 23.71        | 0.235      | 30.00           |
| 782MHz_RB 1,#RB H                | Pass   | 5.50        | 20.31           | 20.31          | 0.107        | 23.66        | 0.232      | 30.00           |
| 782MHz_RB 25,#RB L               | Pass   | 5.50        | 19.35           | 19.35          | 0.086        | 22.70        | 0.186      | 30.00           |
| 782MHz_RB 25,#RB M               | Pass   | 5.50        | 19.42           | 19.42          | 0.087        | 22.77        | 0.189      | 30.00           |
| 782MHz_RB 25,#RB H               | Pass   | 5.50        | 19.17           | 19.17          | 0.083        | 22.52        | 0.179      | 30.00           |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 17                  | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.69          | 0.186        | 23.54        | 0.226      |
| LTE_5MHz_Nss1,16QAM_1TX  | 22.06          | 0.161        | 22.91        | 0.195      |
| LTE_5MHz_Nss1,64QAM_1TX  | 20.95          | 0.124        | 21.80        | 0.151      |
| LTE_10MHz_Nss1,QPSK_1TX  | 22.81          | 0.191        | 23.66        | 0.232      |
| LTE_10MHz_Nss1,16QAM_1TX | 21.98          | 0.158        | 22.83        | 0.192      |
| LTE_10MHz_Nss1,64QAM_1TX | 20.93          | 0.124        | 21.78        | 0.151      |



Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 17_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 706.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 21.70           | 21.70          | 0.148        | 22.55        | 0.180      | 30.00           |
| 706.5MHz_RB 1,#RB L             | Pass   | 3.00        | 22.61           | 22.61          | 0.182        | 23.46        | 0.222      | 30.00           |
| 706.5MHz_RB 1,#RB M             | Pass   | 3.00        | 22.62           | 22.62          | 0.183        | 23.47        | 0.222      | 30.00           |
| 706.5MHz_RB 1,#RB H             | Pass   | 3.00        | 22.57           | 22.57          | 0.181        | 23.42        | 0.220      | 30.00           |
| 706.5MHz_RB 12,#RB L            | Pass   | 3.00        | 21.57           | 21.57          | 0.144        | 22.42        | 0.175      | 30.00           |
| 706.5MHz_RB 12,#RB M            | Pass   | 3.00        | 21.67           | 21.67          | 0.147        | 22.52        | 0.179      | 30.00           |
| 706.5MHz_RB 12,#RB H            | Pass   | 3.00        | 21.61           | 21.61          | 0.145        | 22.46        | 0.176      | 30.00           |
| 710MHz_RB 25,#RB 0              | Pass   | 3.00        | 21.65           | 21.65          | 0.146        | 22.50        | 0.178      | 30.00           |
| 710MHz_RB 1,#RB L               | Pass   | 3.00        | 22.57           | 22.57          | 0.181        | 23.42        | 0.220      | 30.00           |
| 710MHz_RB 1,#RB M               | Pass   | 3.00        | 22.68           | 22.68          | 0.185        | 23.53        | 0.225      | 30.00           |
| 710MHz_RB 1,#RB H               | Pass   | 3.00        | 22.62           | 22.62          | 0.183        | 23.47        | 0.222      | 30.00           |
| 710MHz_RB 12,#RB L              | Pass   | 3.00        | 21.67           | 21.67          | 0.147        | 22.52        | 0.179      | 30.00           |
| 710MHz_RB 12,#RB M              | Pass   | 3.00        | 21.68           | 21.68          | 0.147        | 22.53        | 0.179      | 30.00           |
| 710MHz_RB 12,#RB H              | Pass   | 3.00        | 21.62           | 21.62          | 0.145        | 22.47        | 0.177      | 30.00           |
| 713.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 21.58           | 21.58          | 0.144        | 22.43        | 0.175      | 30.00           |
| 713.5MHz_RB 1,#RB L             | Pass   | 3.00        | 22.69           | 22.69          | 0.186        | 23.54        | 0.226      | 30.00           |
| 713.5MHz_RB 1,#RB M             | Pass   | 3.00        | 22.55           | 22.55          | 0.180        | 23.40        | 0.219      | 30.00           |
| 713.5MHz_RB 1,#RB H             | Pass   | 3.00        | 22.48           | 22.48          | 0.177        | 23.33        | 0.215      | 30.00           |
| 713.5MHz_RB 12,#RB L            | Pass   | 3.00        | 21.64           | 21.64          | 0.146        | 22.49        | 0.177      | 30.00           |
| 713.5MHz_RB 12,#RB M            | Pass   | 3.00        | 21.65           | 21.65          | 0.146        | 22.50        | 0.178      | 30.00           |
| 713.5MHz_RB 12,#RB H            | Pass   | 3.00        | 21.59           | 21.59          | 0.144        | 22.44        | 0.175      | 30.00           |
| Band 17_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 706.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 20.74           | 20.74          | 0.119        | 21.59        | 0.144      | 30.00           |
| 706.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.83           | 21.83          | 0.152        | 22.68        | 0.185      | 30.00           |
| 706.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.97           | 21.97          | 0.157        | 22.82        | 0.191      | 30.00           |
| 706.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.87           | 21.87          | 0.154        | 22.72        | 0.187      | 30.00           |
| 706.5MHz_RB 12,#RB L            | Pass   | 3.00        | 20.68           | 20.68          | 0.117        | 21.53        | 0.142      | 30.00           |
| 706.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.78           | 20.78          | 0.120        | 21.63        | 0.146      | 30.00           |
| 706.5MHz_RB 12,#RB H            | Pass   | 3.00        | 20.72           | 20.72          | 0.118        | 21.57        | 0.144      | 30.00           |
| 710MHz_RB 25,#RB 0              | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 710MHz_RB 1,#RB L               | Pass   | 3.00        | 22.00           | 22.00          | 0.158        | 22.85        | 0.193      | 30.00           |
| 710MHz_RB 1,#RB M               | Pass   | 3.00        | 22.06           | 22.06          | 0.161        | 22.91        | 0.195      | 30.00           |
| 710MHz_RB 1,#RB H               | Pass   | 3.00        | 21.63           | 21.63          | 0.146        | 22.48        | 0.177      | 30.00           |
| 710MHz_RB 12,#RB L              | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 710MHz_RB 12,#RB M              | Pass   | 3.00        | 20.78           | 20.78          | 0.120        | 21.63        | 0.146      | 30.00           |
| 710MHz_RB 12,#RB H              | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 713.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 20.68           | 20.68          | 0.117        | 21.53        | 0.142      | 30.00           |
| 713.5MHz_RB 1,#RB L             | Pass   | 3.00        | 21.88           | 21.88          | 0.154        | 22.73        | 0.187      | 30.00           |
| 713.5MHz_RB 1,#RB M             | Pass   | 3.00        | 21.80           | 21.80          | 0.151        | 22.65        | 0.184      | 30.00           |
| 713.5MHz_RB 1,#RB H             | Pass   | 3.00        | 21.78           | 21.78          | 0.151        | 22.63        | 0.183      | 30.00           |
| 713.5MHz_RB 12,#RB L            | Pass   | 3.00        | 20.75           | 20.75          | 0.119        | 21.60        | 0.145      | 30.00           |
| 713.5MHz_RB 12,#RB M            | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 713.5MHz_RB 12,#RB H            | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| Band 17_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 706.5MHz_RB 25,#RB 0            | Pass   | 3.00        | 19.77           | 19.77          | 0.095        | 20.62        | 0.115      | 30.00           |
| 706.5MHz_RB 1,#RB L             | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |

Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 706.5MHz_RB 1,#RB M              | Pass   | 3.00        | 20.95           | 20.95          | 0.124        | 21.80        | 0.151      | 30.00           |
| 706.5MHz_RB 1,#RB H              | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 706.5MHz_RB 12,#RB L             | Pass   | 3.00        | 19.67           | 19.67          | 0.093        | 20.52        | 0.113      | 30.00           |
| 706.5MHz_RB 12,#RB M             | Pass   | 3.00        | 19.76           | 19.76          | 0.095        | 20.61        | 0.115      | 30.00           |
| 706.5MHz_RB 12,#RB H             | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 710MHz_RB 25,#RB 0               | Pass   | 3.00        | 19.71           | 19.71          | 0.094        | 20.56        | 0.114      | 30.00           |
| 710MHz_RB 1,#RB L                | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 710MHz_RB 1,#RB M                | Pass   | 3.00        | 20.83           | 20.83          | 0.121        | 21.68        | 0.147      | 30.00           |
| 710MHz_RB 1,#RB H                | Pass   | 3.00        | 20.71           | 20.71          | 0.118        | 21.56        | 0.143      | 30.00           |
| 710MHz_RB 12,#RB L               | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 710MHz_RB 12,#RB M               | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 710MHz_RB 12,#RB H               | Pass   | 3.00        | 19.72           | 19.72          | 0.094        | 20.57        | 0.114      | 30.00           |
| 713.5MHz_RB 25,#RB 0             | Pass   | 3.00        | 19.72           | 19.72          | 0.094        | 20.57        | 0.114      | 30.00           |
| 713.5MHz_RB 1,#RB L              | Pass   | 3.00        | 20.75           | 20.75          | 0.119        | 21.60        | 0.145      | 30.00           |
| 713.5MHz_RB 1,#RB M              | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |
| 713.5MHz_RB 1,#RB H              | Pass   | 3.00        | 20.66           | 20.66          | 0.116        | 21.51        | 0.142      | 30.00           |
| 713.5MHz_RB 12,#RB L             | Pass   | 3.00        | 19.74           | 19.74          | 0.094        | 20.59        | 0.115      | 30.00           |
| 713.5MHz_RB 12,#RB M             | Pass   | 3.00        | 19.69           | 19.69          | 0.093        | 20.54        | 0.113      | 30.00           |
| 713.5MHz_RB 12,#RB H             | Pass   | 3.00        | 19.72           | 19.72          | 0.094        | 20.57        | 0.114      | 30.00           |
| Band 17_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 709MHz_RB 50,#RB 0               | Pass   | 3.00        | 21.75           | 21.75          | 0.150        | 22.60        | 0.182      | 30.00           |
| 709MHz_RB 1,#RB L                | Pass   | 3.00        | 22.64           | 22.64          | 0.184        | 23.49        | 0.223      | 30.00           |
| 709MHz_RB 1,#RB M                | Pass   | 3.00        | 22.76           | 22.76          | 0.189        | 23.61        | 0.230      | 30.00           |
| 709MHz_RB 1,#RB H                | Pass   | 3.00        | 22.63           | 22.63          | 0.183        | 23.48        | 0.223      | 30.00           |
| 709MHz_RB 25,#RB L               | Pass   | 3.00        | 21.74           | 21.74          | 0.149        | 22.59        | 0.182      | 30.00           |
| 709MHz_RB 25,#RB M               | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 709MHz_RB 25,#RB H               | Pass   | 3.00        | 21.70           | 21.70          | 0.148        | 22.55        | 0.180      | 30.00           |
| 710MHz_RB 50,#RB 0               | Pass   | 3.00        | 21.75           | 21.75          | 0.150        | 22.60        | 0.182      | 30.00           |
| 710MHz_RB 1,#RB L                | Pass   | 3.00        | 22.62           | 22.62          | 0.183        | 23.47        | 0.222      | 30.00           |
| 710MHz_RB 1,#RB M                | Pass   | 3.00        | 22.72           | 22.72          | 0.187        | 23.57        | 0.228      | 30.00           |
| 710MHz_RB 1,#RB H                | Pass   | 3.00        | 22.76           | 22.76          | 0.189        | 23.61        | 0.230      | 30.00           |
| 710MHz_RB 25,#RB L               | Pass   | 3.00        | 21.75           | 21.75          | 0.150        | 22.60        | 0.182      | 30.00           |
| 710MHz_RB 25,#RB M               | Pass   | 3.00        | 21.77           | 21.77          | 0.150        | 22.62        | 0.183      | 30.00           |
| 710MHz_RB 25,#RB H               | Pass   | 3.00        | 21.70           | 21.70          | 0.148        | 22.55        | 0.180      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 21.75           | 21.75          | 0.150        | 22.60        | 0.182      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 22.69           | 22.69          | 0.186        | 23.54        | 0.226      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 22.81           | 22.81          | 0.191        | 23.66        | 0.232      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 22.56           | 22.56          | 0.180        | 23.41        | 0.219      | 30.00           |
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 21.78           | 21.78          | 0.151        | 22.63        | 0.183      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 21.79           | 21.79          | 0.151        | 22.64        | 0.184      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 21.67           | 21.67          | 0.147        | 22.52        | 0.179      | 30.00           |
| Band 17_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 709MHz_RB 50,#RB 0               | Pass   | 3.00        | 20.77           | 20.77          | 0.119        | 21.62        | 0.145      | 30.00           |
| 709MHz_RB 1,#RB L                | Pass   | 3.00        | 21.67           | 21.67          | 0.147        | 22.52        | 0.179      | 30.00           |
| 709MHz_RB 1,#RB M                | Pass   | 3.00        | 21.91           | 21.91          | 0.155        | 22.76        | 0.189      | 30.00           |
| 709MHz_RB 1,#RB H                | Pass   | 3.00        | 21.89           | 21.89          | 0.155        | 22.74        | 0.188      | 30.00           |
| 709MHz_RB 25,#RB L               | Pass   | 3.00        | 20.90           | 20.90          | 0.123        | 21.75        | 0.150      | 30.00           |
| 709MHz_RB 25,#RB M               | Pass   | 3.00        | 20.85           | 20.85          | 0.122        | 21.70        | 0.148      | 30.00           |

Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 709MHz_RB 25,#RB H               | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 710MHz_RB 50,#RB 0               | Pass   | 3.00        | 20.82           | 20.82          | 0.121        | 21.67        | 0.147      | 30.00           |
| 710MHz_RB 1,#RB L                | Pass   | 3.00        | 21.89           | 21.89          | 0.155        | 22.74        | 0.188      | 30.00           |
| 710MHz_RB 1,#RB M                | Pass   | 3.00        | 21.73           | 21.73          | 0.149        | 22.58        | 0.181      | 30.00           |
| 710MHz_RB 1,#RB H                | Pass   | 3.00        | 21.81           | 21.81          | 0.152        | 22.66        | 0.185      | 30.00           |
| 710MHz_RB 25,#RB L               | Pass   | 3.00        | 20.87           | 20.87          | 0.122        | 21.72        | 0.149      | 30.00           |
| 710MHz_RB 25,#RB M               | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 710MHz_RB 25,#RB H               | Pass   | 3.00        | 20.81           | 20.81          | 0.121        | 21.66        | 0.147      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 21.98           | 21.98          | 0.158        | 22.83        | 0.192      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 21.98           | 21.98          | 0.158        | 22.83        | 0.192      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 21.81           | 21.81          | 0.152        | 22.66        | 0.185      | 30.00           |
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 20.88           | 20.88          | 0.122        | 21.73        | 0.149      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 20.87           | 20.87          | 0.122        | 21.72        | 0.149      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 20.81           | 20.81          | 0.121        | 21.66        | 0.147      | 30.00           |
| Band 17_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 709MHz_RB 50,#RB 0               | Pass   | 3.00        | 19.83           | 19.83          | 0.096        | 20.68        | 0.117      | 30.00           |
| 709MHz_RB 1,#RB L                | Pass   | 3.00        | 20.62           | 20.62          | 0.115        | 21.47        | 0.140      | 30.00           |
| 709MHz_RB 1,#RB M                | Pass   | 3.00        | 20.93           | 20.93          | 0.124        | 21.78        | 0.151      | 30.00           |
| 709MHz_RB 1,#RB H                | Pass   | 3.00        | 20.53           | 20.53          | 0.113        | 21.38        | 0.137      | 30.00           |
| 709MHz_RB 25,#RB L               | Pass   | 3.00        | 19.86           | 19.86          | 0.097        | 20.71        | 0.118      | 30.00           |
| 709MHz_RB 25,#RB M               | Pass   | 3.00        | 19.90           | 19.90          | 0.098        | 20.75        | 0.119      | 30.00           |
| 709MHz_RB 25,#RB H               | Pass   | 3.00        | 19.78           | 19.78          | 0.095        | 20.63        | 0.116      | 30.00           |
| 710MHz_RB 50,#RB 0               | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 710MHz_RB 1,#RB L                | Pass   | 3.00        | 20.76           | 20.76          | 0.119        | 21.61        | 0.145      | 30.00           |
| 710MHz_RB 1,#RB M                | Pass   | 3.00        | 20.78           | 20.78          | 0.120        | 21.63        | 0.146      | 30.00           |
| 710MHz_RB 1,#RB H                | Pass   | 3.00        | 20.77           | 20.77          | 0.119        | 21.62        | 0.145      | 30.00           |
| 710MHz_RB 25,#RB L               | Pass   | 3.00        | 19.85           | 19.85          | 0.097        | 20.70        | 0.117      | 30.00           |
| 710MHz_RB 25,#RB M               | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |
| 710MHz_RB 25,#RB H               | Pass   | 3.00        | 19.78           | 19.78          | 0.095        | 20.63        | 0.116      | 30.00           |
| 711MHz_RB 50,#RB 0               | Pass   | 3.00        | 19.82           | 19.82          | 0.096        | 20.67        | 0.117      | 30.00           |
| 711MHz_RB 1,#RB L                | Pass   | 3.00        | 20.91           | 20.91          | 0.123        | 21.76        | 0.150      | 30.00           |
| 711MHz_RB 1,#RB M                | Pass   | 3.00        | 20.80           | 20.80          | 0.120        | 21.65        | 0.146      | 30.00           |
| 711MHz_RB 1,#RB H                | Pass   | 3.00        | 20.69           | 20.69          | 0.117        | 21.54        | 0.143      | 30.00           |
| 711MHz_RB 25,#RB L               | Pass   | 3.00        | 19.80           | 19.80          | 0.095        | 20.65        | 0.116      | 30.00           |
| 711MHz_RB 25,#RB M               | Pass   | 3.00        | 19.88           | 19.88          | 0.097        | 20.73        | 0.118      | 30.00           |
| 711MHz_RB 25,#RB H               | Pass   | 3.00        | 19.78           | 19.78          | 0.095        | 20.63        | 0.116      | 30.00           |

DG = Directional Gain; Port n = Port n output power





## Average Power

## Appendix A.11

Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

### Summary

| Mode                    | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|-------------------------|----------------|--------------|--------------|------------|
| Band 18                 | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX  | 23.17          | 0.207        | 25.92        | 0.391      |
| LTE_5MHz_Nss1,16QAM_1TX | 22.59          | 0.182        | 25.34        | 0.342      |
| LTE_5MHz_Nss1,64QAM_1TX | 21.50          | 0.141        | 24.25        | 0.266      |



Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 18_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 22.10           | 22.10          | 0.162        | 24.85        | 0.305      | 7.00            |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 23.11           | 23.11          | 0.205        | 25.86        | 0.385      | 7.00            |
| 826.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.13           | 23.13          | 0.206        | 25.88        | 0.387      | 7.00            |
| 826.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.98           | 22.98          | 0.199        | 25.73        | 0.374      | 7.00            |
| 826.5MHz_RB 12,#RB L            | Pass   | 4.90        | 22.18           | 22.18          | 0.165        | 24.93        | 0.311      | 7.00            |
| 826.5MHz_RB 12,#RB M            | Pass   | 4.90        | 22.14           | 22.14          | 0.164        | 24.89        | 0.308      | 7.00            |
| 826.5MHz_RB 12,#RB H            | Pass   | 4.90        | 22.08           | 22.08          | 0.161        | 24.83        | 0.304      | 7.00            |
| 827MHz_RB 25,#RB 0              | Pass   | 4.90        | 22.15           | 22.15          | 0.164        | 24.90        | 0.309      | 7.00            |
| 827MHz_RB 1,#RB L               | Pass   | 4.90        | 23.15           | 23.15          | 0.207        | 25.90        | 0.389      | 7.00            |
| 827MHz_RB 1,#RB M               | Pass   | 4.90        | 23.17           | 23.17          | 0.207        | 25.92        | 0.391      | 7.00            |
| 827MHz_RB 1,#RB H               | Pass   | 4.90        | 23.10           | 23.10          | 0.204        | 25.85        | 0.385      | 7.00            |
| 827MHz_RB 12,#RB L              | Pass   | 4.90        | 22.16           | 22.16          | 0.164        | 24.91        | 0.310      | 7.00            |
| 827MHz_RB 12,#RB M              | Pass   | 4.90        | 22.12           | 22.12          | 0.163        | 24.87        | 0.307      | 7.00            |
| 827MHz_RB 12,#RB H              | Pass   | 4.90        | 22.12           | 22.12          | 0.163        | 24.87        | 0.307      | 7.00            |
| 827.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 22.09           | 22.09          | 0.162        | 24.84        | 0.305      | 7.00            |
| 827.5MHz_RB 1,#RB L             | Pass   | 4.90        | 23.05           | 23.05          | 0.202        | 25.80        | 0.380      | 7.00            |
| 827.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.13           | 23.13          | 0.206        | 25.88        | 0.387      | 7.00            |
| 827.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.96           | 22.96          | 0.198        | 25.71        | 0.372      | 7.00            |
| 827.5MHz_RB 12,#RB L            | Pass   | 4.90        | 22.14           | 22.14          | 0.164        | 24.89        | 0.308      | 7.00            |
| 827.5MHz_RB 12,#RB M            | Pass   | 4.90        | 22.11           | 22.11          | 0.163        | 24.86        | 0.306      | 7.00            |
| 827.5MHz_RB 12,#RB H            | Pass   | 4.90        | 22.08           | 22.08          | 0.161        | 24.83        | 0.304      | 7.00            |
| Band 18_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 21.14           | 21.14          | 0.130        | 23.89        | 0.245      | 7.00            |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.26           | 22.26          | 0.168        | 25.01        | 0.317      | 7.00            |
| 826.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.29           | 22.29          | 0.169        | 25.04        | 0.319      | 7.00            |
| 826.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.34           | 22.34          | 0.171        | 25.09        | 0.323      | 7.00            |
| 826.5MHz_RB 12,#RB L            | Pass   | 4.90        | 21.25           | 21.25          | 0.133        | 24.00        | 0.251      | 7.00            |
| 826.5MHz_RB 12,#RB M            | Pass   | 4.90        | 21.23           | 21.23          | 0.133        | 23.98        | 0.250      | 7.00            |
| 826.5MHz_RB 12,#RB H            | Pass   | 4.90        | 21.22           | 21.22          | 0.132        | 23.97        | 0.249      | 7.00            |
| 827MHz_RB 25,#RB 0              | Pass   | 4.90        | 21.22           | 21.22          | 0.132        | 23.97        | 0.249      | 7.00            |
| 827MHz_RB 1,#RB L               | Pass   | 4.90        | 22.35           | 22.35          | 0.172        | 25.10        | 0.324      | 7.00            |
| 827MHz_RB 1,#RB M               | Pass   | 4.90        | 22.47           | 22.47          | 0.177        | 25.22        | 0.333      | 7.00            |
| 827MHz_RB 1,#RB H               | Pass   | 4.90        | 22.35           | 22.35          | 0.172        | 25.10        | 0.324      | 7.00            |
| 827MHz_RB 12,#RB L              | Pass   | 4.90        | 21.32           | 21.32          | 0.136        | 24.07        | 0.255      | 7.00            |
| 827MHz_RB 12,#RB M              | Pass   | 4.90        | 21.25           | 21.25          | 0.133        | 24.00        | 0.251      | 7.00            |
| 827MHz_RB 12,#RB H              | Pass   | 4.90        | 21.21           | 21.21          | 0.132        | 23.96        | 0.249      | 7.00            |
| 827.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 21.14           | 21.14          | 0.130        | 23.89        | 0.245      | 7.00            |
| 827.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.59           | 22.59          | 0.182        | 25.34        | 0.342      | 7.00            |
| 827.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.55           | 22.55          | 0.180        | 25.30        | 0.339      | 7.00            |
| 827.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.29           | 22.29          | 0.169        | 25.04        | 0.319      | 7.00            |
| 827.5MHz_RB 12,#RB L            | Pass   | 4.90        | 21.23           | 21.23          | 0.133        | 23.98        | 0.250      | 7.00            |
| 827.5MHz_RB 12,#RB M            | Pass   | 4.90        | 21.22           | 21.22          | 0.132        | 23.97        | 0.249      | 7.00            |
| 827.5MHz_RB 12,#RB H            | Pass   | 4.90        | 21.12           | 21.12          | 0.129        | 23.87        | 0.244      | 7.00            |
| Band 18_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 20.21           | 20.21          | 0.105        | 22.96        | 0.198      | 7.00            |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 21.41           | 21.41          | 0.138        | 24.16        | 0.261      | 7.00            |

Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

| Mode                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 826.5MHz_RB 1,#RB M  | Pass   | 4.90        | 21.50           | 21.50          | 0.141        | 24.25        | 0.266      | 7.00            |
| 826.5MHz_RB 1,#RB H  | Pass   | 4.90        | 21.23           | 21.23          | 0.133        | 23.98        | 0.250      | 7.00            |
| 826.5MHz_RB 12,#RB L | Pass   | 4.90        | 20.30           | 20.30          | 0.107        | 23.05        | 0.202      | 7.00            |
| 826.5MHz_RB 12,#RB M | Pass   | 4.90        | 20.25           | 20.25          | 0.106        | 23.00        | 0.200      | 7.00            |
| 826.5MHz_RB 12,#RB H | Pass   | 4.90        | 20.21           | 20.21          | 0.105        | 22.96        | 0.198      | 7.00            |
| 827MHz_RB 25,#RB 0   | Pass   | 4.90        | 20.21           | 20.21          | 0.105        | 22.96        | 0.198      | 7.00            |
| 827MHz_RB 1,#RB L    | Pass   | 4.90        | 21.25           | 21.25          | 0.133        | 24.00        | 0.251      | 7.00            |
| 827MHz_RB 1,#RB M    | Pass   | 4.90        | 21.34           | 21.34          | 0.136        | 24.09        | 0.256      | 7.00            |
| 827MHz_RB 1,#RB H    | Pass   | 4.90        | 21.34           | 21.34          | 0.136        | 24.09        | 0.256      | 7.00            |
| 827MHz_RB 12,#RB L   | Pass   | 4.90        | 20.22           | 20.22          | 0.105        | 22.97        | 0.198      | 7.00            |
| 827MHz_RB 12,#RB M   | Pass   | 4.90        | 20.21           | 20.21          | 0.105        | 22.96        | 0.198      | 7.00            |
| 827MHz_RB 12,#RB H   | Pass   | 4.90        | 20.17           | 20.17          | 0.104        | 22.92        | 0.196      | 7.00            |
| 827.5MHz_RB 25,#RB 0 | Pass   | 4.90        | 20.19           | 20.19          | 0.104        | 22.94        | 0.197      | 7.00            |
| 827.5MHz_RB 1,#RB L  | Pass   | 4.90        | 21.40           | 21.40          | 0.138        | 24.15        | 0.260      | 7.00            |
| 827.5MHz_RB 1,#RB M  | Pass   | 4.90        | 21.36           | 21.36          | 0.137        | 24.11        | 0.258      | 7.00            |
| 827.5MHz_RB 1,#RB H  | Pass   | 4.90        | 21.32           | 21.32          | 0.136        | 24.07        | 0.255      | 7.00            |
| 827.5MHz_RB 12,#RB L | Pass   | 4.90        | 20.25           | 20.25          | 0.106        | 23.00        | 0.200      | 7.00            |
| 827.5MHz_RB 12,#RB M | Pass   | 4.90        | 20.25           | 20.25          | 0.106        | 23.00        | 0.200      | 7.00            |
| 827.5MHz_RB 12,#RB H | Pass   | 4.90        | 20.20           | 20.20          | 0.105        | 22.95        | 0.197      | 7.00            |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 19                  | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX   | 23.46          | 0.222        | 25.31        | 0.340      |
| LTE_5MHz_Nss1,16QAM_1TX  | 22.79          | 0.190        | 24.64        | 0.291      |
| LTE_5MHz_Nss1,64QAM_1TX  | 21.70          | 0.148        | 23.55        | 0.226      |
| LTE_10MHz_Nss1,QPSK_1TX  | 23.45          | 0.221        | 25.30        | 0.339      |
| LTE_10MHz_Nss1,16QAM_1TX | 22.70          | 0.186        | 24.55        | 0.285      |
| LTE_10MHz_Nss1,64QAM_1TX | 21.65          | 0.146        | 23.50        | 0.224      |
| LTE_15MHz_Nss1,QPSK_1TX  | 23.31          | 0.214        | 25.16        | 0.328      |
| LTE_15MHz_Nss1,16QAM_1TX | 22.64          | 0.184        | 24.49        | 0.281      |
| LTE_15MHz_Nss1,64QAM_1TX | 21.49          | 0.141        | 23.34        | 0.216      |

Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

## Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 19_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 832.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 22.35           | 22.35          | 0.172        | 24.20        | 0.263      | 7.00            |
| 832.5MHz_RB 1,#RB L             | Pass   | 4.00        | 23.19           | 23.19          | 0.208        | 25.04        | 0.319      | 7.00            |
| 832.5MHz_RB 1,#RB M             | Pass   | 4.00        | 23.29           | 23.29          | 0.213        | 25.14        | 0.327      | 7.00            |
| 832.5MHz_RB 1,#RB H             | Pass   | 4.00        | 23.27           | 23.27          | 0.212        | 25.12        | 0.325      | 7.00            |
| 832.5MHz_RB 12,#RB L            | Pass   | 4.00        | 22.25           | 22.25          | 0.168        | 24.10        | 0.257      | 7.00            |
| 832.5MHz_RB 12,#RB M            | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 832.5MHz_RB 12,#RB H            | Pass   | 4.00        | 22.32           | 22.32          | 0.171        | 24.17        | 0.261      | 7.00            |
| 837.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 22.36           | 22.36          | 0.172        | 24.21        | 0.264      | 7.00            |
| 837.5MHz_RB 1,#RB L             | Pass   | 4.00        | 23.29           | 23.29          | 0.213        | 25.14        | 0.327      | 7.00            |
| 837.5MHz_RB 1,#RB M             | Pass   | 4.00        | 23.38           | 23.38          | 0.218        | 25.23        | 0.333      | 7.00            |
| 837.5MHz_RB 1,#RB H             | Pass   | 4.00        | 23.30           | 23.30          | 0.214        | 25.15        | 0.327      | 7.00            |
| 837.5MHz_RB 12,#RB L            | Pass   | 4.00        | 22.35           | 22.35          | 0.172        | 24.20        | 0.263      | 7.00            |
| 837.5MHz_RB 12,#RB M            | Pass   | 4.00        | 22.36           | 22.36          | 0.172        | 24.21        | 0.264      | 7.00            |
| 837.5MHz_RB 12,#RB H            | Pass   | 4.00        | 22.30           | 22.30          | 0.170        | 24.15        | 0.260      | 7.00            |
| 842.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 22.40           | 22.40          | 0.174        | 24.25        | 0.266      | 7.00            |
| 842.5MHz_RB 1,#RB L             | Pass   | 4.00        | 23.40           | 23.40          | 0.219        | 25.25        | 0.335      | 7.00            |
| 842.5MHz_RB 1,#RB M             | Pass   | 4.00        | 23.46           | 23.46          | 0.222        | 25.31        | 0.340      | 7.00            |
| 842.5MHz_RB 1,#RB H             | Pass   | 4.00        | 23.39           | 23.39          | 0.218        | 25.24        | 0.334      | 7.00            |
| 842.5MHz_RB 12,#RB L            | Pass   | 4.00        | 22.45           | 22.45          | 0.176        | 24.30        | 0.269      | 7.00            |
| 842.5MHz_RB 12,#RB M            | Pass   | 4.00        | 22.43           | 22.43          | 0.175        | 24.28        | 0.268      | 7.00            |
| 842.5MHz_RB 12,#RB H            | Pass   | 4.00        | 22.34           | 22.34          | 0.171        | 24.19        | 0.262      | 7.00            |
| Band 19_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 832.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 21.39           | 21.39          | 0.138        | 23.24        | 0.211      | 7.00            |
| 832.5MHz_RB 1,#RB L             | Pass   | 4.00        | 22.26           | 22.26          | 0.168        | 24.11        | 0.258      | 7.00            |
| 832.5MHz_RB 1,#RB M             | Pass   | 4.00        | 22.58           | 22.58          | 0.181        | 24.43        | 0.277      | 7.00            |
| 832.5MHz_RB 1,#RB H             | Pass   | 4.00        | 22.35           | 22.35          | 0.172        | 24.20        | 0.263      | 7.00            |
| 832.5MHz_RB 12,#RB L            | Pass   | 4.00        | 21.32           | 21.32          | 0.136        | 23.17        | 0.207      | 7.00            |
| 832.5MHz_RB 12,#RB M            | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 832.5MHz_RB 12,#RB H            | Pass   | 4.00        | 21.40           | 21.40          | 0.138        | 23.25        | 0.211      | 7.00            |
| 837.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 21.41           | 21.41          | 0.138        | 23.26        | 0.212      | 7.00            |
| 837.5MHz_RB 1,#RB L             | Pass   | 4.00        | 22.48           | 22.48          | 0.177        | 24.33        | 0.271      | 7.00            |
| 837.5MHz_RB 1,#RB M             | Pass   | 4.00        | 22.65           | 22.65          | 0.184        | 24.50        | 0.282      | 7.00            |
| 837.5MHz_RB 1,#RB H             | Pass   | 4.00        | 22.42           | 22.42          | 0.175        | 24.27        | 0.267      | 7.00            |
| 837.5MHz_RB 12,#RB L            | Pass   | 4.00        | 21.53           | 21.53          | 0.142        | 23.38        | 0.218      | 7.00            |
| 837.5MHz_RB 12,#RB M            | Pass   | 4.00        | 21.48           | 21.48          | 0.141        | 23.33        | 0.215      | 7.00            |
| 837.5MHz_RB 12,#RB H            | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| 842.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 21.50           | 21.50          | 0.141        | 23.35        | 0.216      | 7.00            |
| 842.5MHz_RB 1,#RB L             | Pass   | 4.00        | 22.78           | 22.78          | 0.190        | 24.63        | 0.290      | 7.00            |
| 842.5MHz_RB 1,#RB M             | Pass   | 4.00        | 22.79           | 22.79          | 0.190        | 24.64        | 0.291      | 7.00            |
| 842.5MHz_RB 1,#RB H             | Pass   | 4.00        | 22.60           | 22.60          | 0.182        | 24.45        | 0.279      | 7.00            |
| 842.5MHz_RB 12,#RB L            | Pass   | 4.00        | 21.57           | 21.57          | 0.144        | 23.42        | 0.220      | 7.00            |
| 842.5MHz_RB 12,#RB M            | Pass   | 4.00        | 21.56           | 21.56          | 0.143        | 23.41        | 0.219      | 7.00            |
| 842.5MHz_RB 12,#RB H            | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| Band 19_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 832.5MHz_RB 25,#RB 0            | Pass   | 4.00        | 20.42           | 20.42          | 0.110        | 22.27        | 0.169      | 7.00            |
| 832.5MHz_RB 1,#RB L             | Pass   | 4.00        | 21.44           | 21.44          | 0.139        | 23.29        | 0.213      | 7.00            |

Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 832.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.64           | 21.64          | 0.146        | 23.49        | 0.223      | 7.00            |
| 832.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.54           | 21.54          | 0.143        | 23.39        | 0.218      | 7.00            |
| 832.5MHz_RB 12,#RB L             | Pass   | 4.00        | 20.36           | 20.36          | 0.109        | 22.21        | 0.166      | 7.00            |
| 832.5MHz_RB 12,#RB M             | Pass   | 4.00        | 20.44           | 20.44          | 0.111        | 22.29        | 0.169      | 7.00            |
| 832.5MHz_RB 12,#RB H             | Pass   | 4.00        | 20.40           | 20.40          | 0.110        | 22.25        | 0.168      | 7.00            |
| 837.5MHz_RB 25,#RB 0             | Pass   | 4.00        | 20.39           | 20.39          | 0.109        | 22.24        | 0.167      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 21.44           | 21.44          | 0.139        | 23.29        | 0.213      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.50           | 21.50          | 0.141        | 23.35        | 0.216      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 837.5MHz_RB 12,#RB L             | Pass   | 4.00        | 20.48           | 20.48          | 0.112        | 22.33        | 0.171      | 7.00            |
| 837.5MHz_RB 12,#RB M             | Pass   | 4.00        | 20.42           | 20.42          | 0.110        | 22.27        | 0.169      | 7.00            |
| 837.5MHz_RB 12,#RB H             | Pass   | 4.00        | 20.37           | 20.37          | 0.109        | 22.22        | 0.167      | 7.00            |
| 842.5MHz_RB 25,#RB 0             | Pass   | 4.00        | 20.44           | 20.44          | 0.111        | 22.29        | 0.169      | 7.00            |
| 842.5MHz_RB 1,#RB L              | Pass   | 4.00        | 21.63           | 21.63          | 0.146        | 23.48        | 0.223      | 7.00            |
| 842.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.57           | 21.57          | 0.144        | 23.42        | 0.220      | 7.00            |
| 842.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.70           | 21.70          | 0.148        | 23.55        | 0.226      | 7.00            |
| 842.5MHz_RB 12,#RB L             | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 842.5MHz_RB 12,#RB M             | Pass   | 4.00        | 20.49           | 20.49          | 0.112        | 22.34        | 0.171      | 7.00            |
| 842.5MHz_RB 12,#RB H             | Pass   | 4.00        | 20.46           | 20.46          | 0.111        | 22.31        | 0.170      | 7.00            |
| Band 19_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 835MHz_RB 50,#RB 0               | Pass   | 4.00        | 22.41           | 22.41          | 0.174        | 24.26        | 0.267      | 7.00            |
| 835MHz_RB 1,#RB L                | Pass   | 4.00        | 23.24           | 23.24          | 0.211        | 25.09        | 0.323      | 7.00            |
| 835MHz_RB 1,#RB M                | Pass   | 4.00        | 23.23           | 23.23          | 0.210        | 25.08        | 0.322      | 7.00            |
| 835MHz_RB 1,#RB H                | Pass   | 4.00        | 23.21           | 23.21          | 0.209        | 25.06        | 0.321      | 7.00            |
| 835MHz_RB 25,#RB L               | Pass   | 4.00        | 22.46           | 22.46          | 0.176        | 24.31        | 0.270      | 7.00            |
| 835MHz_RB 25,#RB M               | Pass   | 4.00        | 22.34           | 22.34          | 0.171        | 24.19        | 0.262      | 7.00            |
| 835MHz_RB 25,#RB H               | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 837.5MHz_RB 50,#RB 0             | Pass   | 4.00        | 22.37           | 22.37          | 0.173        | 24.22        | 0.264      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 23.31           | 23.31          | 0.214        | 25.16        | 0.328      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 23.28           | 23.28          | 0.213        | 25.13        | 0.326      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 23.31           | 23.31          | 0.214        | 25.16        | 0.328      | 7.00            |
| 837.5MHz_RB 25,#RB L             | Pass   | 4.00        | 22.33           | 22.33          | 0.171        | 24.18        | 0.262      | 7.00            |
| 837.5MHz_RB 25,#RB M             | Pass   | 4.00        | 22.29           | 22.29          | 0.169        | 24.14        | 0.259      | 7.00            |
| 837.5MHz_RB 25,#RB H             | Pass   | 4.00        | 22.26           | 22.26          | 0.168        | 24.11        | 0.258      | 7.00            |
| 840MHz_RB 50,#RB 0               | Pass   | 4.00        | 22.32           | 22.32          | 0.171        | 24.17        | 0.261      | 7.00            |
| 840MHz_RB 1,#RB L                | Pass   | 4.00        | 23.39           | 23.39          | 0.218        | 25.24        | 0.334      | 7.00            |
| 840MHz_RB 1,#RB M                | Pass   | 4.00        | 23.45           | 23.45          | 0.221        | 25.30        | 0.339      | 7.00            |
| 840MHz_RB 1,#RB H                | Pass   | 4.00        | 23.30           | 23.30          | 0.214        | 25.15        | 0.327      | 7.00            |
| 840MHz_RB 25,#RB L               | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 840MHz_RB 25,#RB M               | Pass   | 4.00        | 22.38           | 22.38          | 0.173        | 24.23        | 0.265      | 7.00            |
| 840MHz_RB 25,#RB H               | Pass   | 4.00        | 22.30           | 22.30          | 0.170        | 24.15        | 0.260      | 7.00            |
| Band 19_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 835MHz_RB 50,#RB 0               | Pass   | 4.00        | 21.49           | 21.49          | 0.141        | 23.34        | 0.216      | 7.00            |
| 835MHz_RB 1,#RB L                | Pass   | 4.00        | 22.45           | 22.45          | 0.176        | 24.30        | 0.269      | 7.00            |
| 835MHz_RB 1,#RB M                | Pass   | 4.00        | 22.64           | 22.64          | 0.184        | 24.49        | 0.281      | 7.00            |
| 835MHz_RB 1,#RB H                | Pass   | 4.00        | 22.36           | 22.36          | 0.172        | 24.21        | 0.264      | 7.00            |
| 835MHz_RB 25,#RB L               | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 835MHz_RB 25,#RB M               | Pass   | 4.00        | 21.51           | 21.51          | 0.142        | 23.36        | 0.217      | 7.00            |

Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 835MHz_RB 25,#RB H               | Pass   | 4.00        | 21.43           | 21.43          | 0.139        | 23.28        | 0.213      | 7.00            |
| 837.5MHz_RB 50,#RB O             | Pass   | 4.00        | 21.40           | 21.40          | 0.138        | 23.25        | 0.211      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 22.37           | 22.37          | 0.173        | 24.22        | 0.264      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 22.47           | 22.47          | 0.177        | 24.32        | 0.270      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 22.42           | 22.42          | 0.175        | 24.27        | 0.267      | 7.00            |
| 837.5MHz_RB 25,#RB L             | Pass   | 4.00        | 21.54           | 21.54          | 0.143        | 23.39        | 0.218      | 7.00            |
| 837.5MHz_RB 25,#RB M             | Pass   | 4.00        | 21.44           | 21.44          | 0.139        | 23.29        | 0.213      | 7.00            |
| 837.5MHz_RB 25,#RB H             | Pass   | 4.00        | 21.39           | 21.39          | 0.138        | 23.24        | 0.211      | 7.00            |
| 840MHz_RB 50,#RB O               | Pass   | 4.00        | 21.41           | 21.41          | 0.138        | 23.26        | 0.212      | 7.00            |
| 840MHz_RB 1,#RB L                | Pass   | 4.00        | 22.33           | 22.33          | 0.171        | 24.18        | 0.262      | 7.00            |
| 840MHz_RB 1,#RB M                | Pass   | 4.00        | 22.41           | 22.41          | 0.174        | 24.26        | 0.267      | 7.00            |
| 840MHz_RB 1,#RB H                | Pass   | 4.00        | 22.70           | 22.70          | 0.186        | 24.55        | 0.285      | 7.00            |
| 840MHz_RB 25,#RB L               | Pass   | 4.00        | 21.44           | 21.44          | 0.139        | 23.29        | 0.213      | 7.00            |
| 840MHz_RB 25,#RB M               | Pass   | 4.00        | 21.50           | 21.50          | 0.141        | 23.35        | 0.216      | 7.00            |
| 840MHz_RB 25,#RB H               | Pass   | 4.00        | 21.46           | 21.46          | 0.140        | 23.31        | 0.214      | 7.00            |
| Band 19_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 835MHz_RB 50,#RB O               | Pass   | 4.00        | 20.48           | 20.48          | 0.112        | 22.33        | 0.171      | 7.00            |
| 835MHz_RB 1,#RB L                | Pass   | 4.00        | 21.34           | 21.34          | 0.136        | 23.19        | 0.208      | 7.00            |
| 835MHz_RB 1,#RB M                | Pass   | 4.00        | 21.27           | 21.27          | 0.134        | 23.12        | 0.205      | 7.00            |
| 835MHz_RB 1,#RB H                | Pass   | 4.00        | 21.53           | 21.53          | 0.142        | 23.38        | 0.218      | 7.00            |
| 835MHz_RB 25,#RB L               | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 835MHz_RB 25,#RB M               | Pass   | 4.00        | 20.51           | 20.51          | 0.112        | 22.36        | 0.172      | 7.00            |
| 835MHz_RB 25,#RB H               | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 837.5MHz_RB 50,#RB O             | Pass   | 4.00        | 20.46           | 20.46          | 0.111        | 22.31        | 0.170      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 21.65           | 21.65          | 0.146        | 23.50        | 0.224      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.45           | 21.45          | 0.140        | 23.30        | 0.214      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.33           | 21.33          | 0.136        | 23.18        | 0.208      | 7.00            |
| 837.5MHz_RB 25,#RB L             | Pass   | 4.00        | 20.45           | 20.45          | 0.111        | 22.30        | 0.170      | 7.00            |
| 837.5MHz_RB 25,#RB M             | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 837.5MHz_RB 25,#RB H             | Pass   | 4.00        | 20.40           | 20.40          | 0.110        | 22.25        | 0.168      | 7.00            |
| 840MHz_RB 50,#RB O               | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 840MHz_RB 1,#RB L                | Pass   | 4.00        | 21.51           | 21.51          | 0.142        | 23.36        | 0.217      | 7.00            |
| 840MHz_RB 1,#RB M                | Pass   | 4.00        | 21.58           | 21.58          | 0.144        | 23.43        | 0.220      | 7.00            |
| 840MHz_RB 1,#RB H                | Pass   | 4.00        | 21.47           | 21.47          | 0.140        | 23.32        | 0.215      | 7.00            |
| 840MHz_RB 25,#RB L               | Pass   | 4.00        | 20.52           | 20.52          | 0.113        | 22.37        | 0.173      | 7.00            |
| 840MHz_RB 25,#RB M               | Pass   | 4.00        | 20.47           | 20.47          | 0.111        | 22.32        | 0.171      | 7.00            |
| 840MHz_RB 25,#RB H               | Pass   | 4.00        | 20.41           | 20.41          | 0.110        | 22.26        | 0.168      | 7.00            |
| Band 19_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 837.5MHz_RB 75,#RB O             | Pass   | 4.00        | 22.37           | 22.37          | 0.173        | 24.22        | 0.264      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 23.31           | 23.31          | 0.214        | 25.16        | 0.328      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 23.31           | 23.31          | 0.214        | 25.16        | 0.328      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 23.24           | 23.24          | 0.211        | 25.09        | 0.323      | 7.00            |
| 837.5MHz_RB 36,#RB L             | Pass   | 4.00        | 22.41           | 22.41          | 0.174        | 24.26        | 0.267      | 7.00            |
| 837.5MHz_RB 36,#RB M             | Pass   | 4.00        | 22.28           | 22.28          | 0.169        | 24.13        | 0.259      | 7.00            |
| 837.5MHz_RB 36,#RB H             | Pass   | 4.00        | 22.13           | 22.13          | 0.163        | 23.98        | 0.250      | 7.00            |
| Band 19_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 837.5MHz_RB 75,#RB O             | Pass   | 4.00        | 21.47           | 21.47          | 0.140        | 23.32        | 0.215      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 22.46           | 22.46          | 0.176        | 24.31        | 0.270      | 7.00            |

Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 22.58           | 22.58          | 0.181        | 24.43        | 0.277      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 22.64           | 22.64          | 0.184        | 24.49        | 0.281      | 7.00            |
| 837.5MHz_RB 36,#RB L             | Pass   | 4.00        | 21.37           | 21.37          | 0.137        | 23.22        | 0.210      | 7.00            |
| 837.5MHz_RB 36,#RB M             | Pass   | 4.00        | 21.39           | 21.39          | 0.138        | 23.24        | 0.211      | 7.00            |
| 837.5MHz_RB 36,#RB H             | Pass   | 4.00        | 21.23           | 21.23          | 0.133        | 23.08        | 0.203      | 7.00            |
| Band 19_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| 837.5MHz_RB 75,#RB 0             | Pass   | 4.00        | 20.50           | 20.50          | 0.112        | 22.35        | 0.172      | 7.00            |
| 837.5MHz_RB 1,#RB L              | Pass   | 4.00        | 21.40           | 21.40          | 0.138        | 23.25        | 0.211      | 7.00            |
| 837.5MHz_RB 1,#RB M              | Pass   | 4.00        | 21.43           | 21.43          | 0.139        | 23.28        | 0.213      | 7.00            |
| 837.5MHz_RB 1,#RB H              | Pass   | 4.00        | 21.49           | 21.49          | 0.141        | 23.34        | 0.216      | 7.00            |
| 837.5MHz_RB 36,#RB L             | Pass   | 4.00        | 20.38           | 20.38          | 0.109        | 22.23        | 0.167      | 7.00            |
| 837.5MHz_RB 36,#RB M             | Pass   | 4.00        | 20.39           | 20.39          | 0.109        | 22.24        | 0.167      | 7.00            |
| 837.5MHz_RB 36,#RB H             | Pass   | 4.00        | 20.27           | 20.27          | 0.106        | 22.12        | 0.163      | 7.00            |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 25                   | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 21.34          | 0.136        | 29.74         | 0.942       |
| LTE_1.4MHz_Nss1,16QAM_1TX | 20.53          | 0.113        | 28.93         | 0.782       |
| LTE_1.4MHz_Nss1,64QAM_1TX | 19.54          | 0.090        | 27.94         | 0.622       |
| LTE_3MHz_Nss1,QPSK_1TX    | 21.32          | 0.136        | 29.72         | 0.938       |
| LTE_3MHz_Nss1,16QAM_1TX   | 20.70          | 0.117        | 29.10         | 0.813       |
| LTE_3MHz_Nss1,64QAM_1TX   | 19.75          | 0.094        | 28.15         | 0.653       |
| LTE_5MHz_Nss1,QPSK_1TX    | 21.41          | 0.138        | 29.81         | 0.957       |
| LTE_5MHz_Nss1,16QAM_1TX   | 20.75          | 0.119        | 29.15         | 0.822       |
| LTE_5MHz_Nss1,64QAM_1TX   | 19.74          | 0.094        | 28.14         | 0.652       |
| LTE_10MHz_Nss1,QPSK_1TX   | 21.62          | 0.145        | 30.02         | 1.005       |
| LTE_10MHz_Nss1,16QAM_1TX  | 20.69          | 0.117        | 29.09         | 0.811       |
| LTE_10MHz_Nss1,64QAM_1TX  | 19.94          | 0.099        | 28.34         | 0.682       |
| LTE_15MHz_Nss1,QPSK_1TX   | 21.60          | 0.145        | 30.00         | 1.000       |
| LTE_15MHz_Nss1,16QAM_1TX  | 20.99          | 0.126        | 29.39         | 0.869       |
| LTE_15MHz_Nss1,64QAM_1TX  | 19.69          | 0.093        | 28.09         | 0.644       |
| LTE_20MHz_Nss1,QPSK_1TX   | 21.51          | 0.142        | 29.91         | 0.979       |
| LTE_20MHz_Nss1,16QAM_1TX  | 20.75          | 0.119        | 29.15         | 0.822       |
| LTE_20MHz_Nss1,64QAM_1TX  | 19.86          | 0.097        | 28.26         | 0.670       |



Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|-----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 25_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0              | Pass   | 8.40        | 19.79           | 19.79          | 0.095        | 28.19         | 0.659       | 2                |
| 1850.7MHz_RB 1,#RB L              | Pass   | 8.40        | 20.22           | 20.22          | 0.105        | 28.62         | 0.728       | 2                |
| 1850.7MHz_RB 1,#RB M              | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1850.7MHz_RB 1,#RB H              | Pass   | 8.40        | 20.70           | 20.70          | 0.117        | 29.10         | 0.813       | 2                |
| 1850.7MHz_RB 3,#RB L              | Pass   | 8.40        | 21.30           | 21.30          | 0.135        | 29.70         | 0.933       | 2                |
| 1850.7MHz_RB 3,#RB M              | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1850.7MHz_RB 3,#RB H              | Pass   | 8.40        | 21.31           | 21.31          | 0.135        | 29.71         | 0.935       | 2                |
| 1880MHz_RB 6,#RB 0                | Pass   | 8.40        | 19.96           | 19.96          | 0.099        | 28.36         | 0.685       | 2                |
| 1880MHz_RB 1,#RB L                | Pass   | 8.40        | 20.34           | 20.34          | 0.108        | 28.74         | 0.748       | 2                |
| 1880MHz_RB 1,#RB M                | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1880MHz_RB 1,#RB H                | Pass   | 8.40        | 20.73           | 20.73          | 0.118        | 29.13         | 0.818       | 2                |
| 1880MHz_RB 3,#RB L                | Pass   | 8.40        | 21.10           | 21.10          | 0.129        | 29.50         | 0.891       | 2                |
| 1880MHz_RB 3,#RB M                | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1880MHz_RB 3,#RB H                | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1914.3MHz_RB 6,#RB 0              | Pass   | 8.40        | 19.82           | 19.82          | 0.096        | 28.22         | 0.664       | 2                |
| 1914.3MHz_RB 1,#RB L              | Pass   | 8.40        | 20.77           | 20.77          | 0.119        | 29.17         | 0.826       | 2                |
| 1914.3MHz_RB 1,#RB M              | Pass   | 8.40        | 20.81           | 20.81          | 0.121        | 29.21         | 0.834       | 2                |
| 1914.3MHz_RB 1,#RB H              | Pass   | 8.40        | 21.11           | 21.11          | 0.129        | 29.51         | 0.893       | 2                |
| 1914.3MHz_RB 3,#RB L              | Pass   | 8.40        | 21.23           | 21.23          | 0.133        | 29.63         | 0.918       | 2                |
| 1914.3MHz_RB 3,#RB M              | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1914.3MHz_RB 3,#RB H              | Pass   | 8.40        | 21.22           | 21.22          | 0.132        | 29.62         | 0.916       | 2                |
| Band 25_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0              | Pass   | 8.40        | 19.08           | 19.08          | 0.081        | 27.48         | 0.560       | 2                |
| 1850.7MHz_RB 1,#RB L              | Pass   | 8.40        | 19.44           | 19.44          | 0.088        | 27.84         | 0.608       | 2                |
| 1850.7MHz_RB 1,#RB M              | Pass   | 8.40        | 20.30           | 20.30          | 0.107        | 28.70         | 0.741       | 2                |
| 1850.7MHz_RB 1,#RB H              | Pass   | 8.40        | 20.28           | 20.28          | 0.107        | 28.68         | 0.738       | 2                |
| 1850.7MHz_RB 3,#RB L              | Pass   | 8.40        | 20.51           | 20.51          | 0.112        | 28.91         | 0.778       | 2                |
| 1850.7MHz_RB 3,#RB M              | Pass   | 8.40        | 20.35           | 20.35          | 0.108        | 28.75         | 0.750       | 2                |
| 1850.7MHz_RB 3,#RB H              | Pass   | 8.40        | 20.40           | 20.40          | 0.110        | 28.80         | 0.759       | 2                |
| 1880MHz_RB 6,#RB 0                | Pass   | 8.40        | 19.14           | 19.14          | 0.082        | 27.54         | 0.568       | 2                |
| 1880MHz_RB 1,#RB L                | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1880MHz_RB 1,#RB M                | Pass   | 8.40        | 19.75           | 19.75          | 0.094        | 28.15         | 0.653       | 2                |
| 1880MHz_RB 1,#RB H                | Pass   | 8.40        | 19.36           | 19.36          | 0.086        | 27.76         | 0.597       | 2                |
| 1880MHz_RB 3,#RB L                | Pass   | 8.40        | 20.31           | 20.31          | 0.107        | 28.71         | 0.743       | 2                |
| 1880MHz_RB 3,#RB M                | Pass   | 8.40        | 20.35           | 20.35          | 0.108        | 28.75         | 0.750       | 2                |
| 1880MHz_RB 3,#RB H                | Pass   | 8.40        | 20.45           | 20.45          | 0.111        | 28.85         | 0.767       | 2                |
| 1914.3MHz_RB 6,#RB 0              | Pass   | 8.40        | 18.88           | 18.88          | 0.077        | 27.28         | 0.535       | 2                |
| 1914.3MHz_RB 1,#RB L              | Pass   | 8.40        | 20.04           | 20.04          | 0.101        | 28.44         | 0.698       | 2                |
| 1914.3MHz_RB 1,#RB M              | Pass   | 8.40        | 19.72           | 19.72          | 0.094        | 28.12         | 0.649       | 2                |
| 1914.3MHz_RB 1,#RB H              | Pass   | 8.40        | 19.58           | 19.58          | 0.091        | 27.98         | 0.628       | 2                |
| 1914.3MHz_RB 3,#RB L              | Pass   | 8.40        | 20.30           | 20.30          | 0.107        | 28.70         | 0.741       | 2                |
| 1914.3MHz_RB 3,#RB M              | Pass   | 8.40        | 20.53           | 20.53          | 0.113        | 28.93         | 0.782       | 2                |
| 1914.3MHz_RB 3,#RB H              | Pass   | 8.40        | 20.37           | 20.37          | 0.109        | 28.77         | 0.753       | 2                |
| Band 25_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0              | Pass   | 8.40        | 18.17           | 18.17          | 0.066        | 26.57         | 0.454       | 2                |
| 1850.7MHz_RB 1,#RB L              | Pass   | 8.40        | 19.26           | 19.26          | 0.084        | 27.66         | 0.583       | 2                |

Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1850.7MHz_RB 1,#RB M            | Pass   | 8.40        | 19.28           | 19.28          | 0.085        | 27.68         | 0.586       | 2                |
| 1850.7MHz_RB 1,#RB H            | Pass   | 8.40        | 18.66           | 18.66          | 0.073        | 27.06         | 0.508       | 2                |
| 1850.7MHz_RB 3,#RB L            | Pass   | 8.40        | 19.49           | 19.49          | 0.089        | 27.89         | 0.615       | 2                |
| 1850.7MHz_RB 3,#RB M            | Pass   | 8.40        | 19.43           | 19.43          | 0.088        | 27.83         | 0.607       | 2                |
| 1850.7MHz_RB 3,#RB H            | Pass   | 8.40        | 19.51           | 19.51          | 0.089        | 27.91         | 0.618       | 2                |
| 1880MHz_RB 6,#RB 0              | Pass   | 8.40        | 18.30           | 18.30          | 0.068        | 26.70         | 0.468       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 19.10           | 19.10          | 0.081        | 27.50         | 0.562       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 19.30           | 19.30          | 0.085        | 27.70         | 0.589       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 18.98           | 18.98          | 0.079        | 27.38         | 0.547       | 2                |
| 1880MHz_RB 3,#RB L              | Pass   | 8.40        | 19.34           | 19.34          | 0.086        | 27.74         | 0.594       | 2                |
| 1880MHz_RB 3,#RB M              | Pass   | 8.40        | 19.48           | 19.48          | 0.089        | 27.88         | 0.614       | 2                |
| 1880MHz_RB 3,#RB H              | Pass   | 8.40        | 19.40           | 19.40          | 0.087        | 27.80         | 0.603       | 2                |
| 1914.3MHz_RB 6,#RB 0            | Pass   | 8.40        | 17.95           | 17.95          | 0.062        | 26.35         | 0.432       | 2                |
| 1914.3MHz_RB 1,#RB L            | Pass   | 8.40        | 19.26           | 19.26          | 0.084        | 27.66         | 0.583       | 2                |
| 1914.3MHz_RB 1,#RB M            | Pass   | 8.40        | 19.44           | 19.44          | 0.088        | 27.84         | 0.608       | 2                |
| 1914.3MHz_RB 1,#RB H            | Pass   | 8.40        | 19.26           | 19.26          | 0.084        | 27.66         | 0.583       | 2                |
| 1914.3MHz_RB 3,#RB L            | Pass   | 8.40        | 19.49           | 19.49          | 0.089        | 27.89         | 0.615       | 2                |
| 1914.3MHz_RB 3,#RB M            | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1914.3MHz_RB 3,#RB H            | Pass   | 8.40        | 19.36           | 19.36          | 0.086        | 27.76         | 0.597       | 2                |
| Band 25_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 20.47           | 20.47          | 0.111        | 28.87         | 0.771       | 2                |
| 1851.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.32           | 21.32          | 0.136        | 29.72         | 0.938       | 2                |
| 1851.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1851.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1851.5MHz_RB 8,#RB L            | Pass   | 8.40        | 20.49           | 20.49          | 0.112        | 28.89         | 0.774       | 2                |
| 1851.5MHz_RB 8,#RB M            | Pass   | 8.40        | 20.44           | 20.44          | 0.111        | 28.84         | 0.766       | 2                |
| 1851.5MHz_RB 8,#RB H            | Pass   | 8.40        | 20.38           | 20.38          | 0.109        | 28.78         | 0.755       | 2                |
| 1880MHz_RB 15,#RB 0             | Pass   | 8.40        | 20.11           | 20.11          | 0.103        | 28.51         | 0.710       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 19.96           | 19.96          | 0.099        | 28.36         | 0.685       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.09           | 21.09          | 0.129        | 29.49         | 0.889       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.27           | 21.27          | 0.134        | 29.67         | 0.927       | 2                |
| 1880MHz_RB 8,#RB L              | Pass   | 8.40        | 20.39           | 20.39          | 0.109        | 28.79         | 0.757       | 2                |
| 1880MHz_RB 8,#RB M              | Pass   | 8.40        | 20.41           | 20.41          | 0.110        | 28.81         | 0.760       | 2                |
| 1880MHz_RB 8,#RB H              | Pass   | 8.40        | 20.33           | 20.33          | 0.108        | 28.73         | 0.746       | 2                |
| 1913.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 20.28           | 20.28          | 0.107        | 28.68         | 0.738       | 2                |
| 1913.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.23           | 21.23          | 0.133        | 29.63         | 0.918       | 2                |
| 1913.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1913.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.15           | 21.15          | 0.130        | 29.55         | 0.902       | 2                |
| 1913.5MHz_RB 8,#RB L            | Pass   | 8.40        | 20.44           | 20.44          | 0.111        | 28.84         | 0.766       | 2                |
| 1913.5MHz_RB 8,#RB M            | Pass   | 8.40        | 20.47           | 20.47          | 0.111        | 28.87         | 0.771       | 2                |
| 1913.5MHz_RB 8,#RB H            | Pass   | 8.40        | 20.41           | 20.41          | 0.110        | 28.81         | 0.760       | 2                |
| Band 25_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 19.51           | 19.51          | 0.089        | 27.91         | 0.618       | 2                |
| 1851.5MHz_RB 1,#RB L            | Pass   | 8.40        | 20.51           | 20.51          | 0.112        | 28.91         | 0.778       | 2                |
| 1851.5MHz_RB 1,#RB M            | Pass   | 8.40        | 20.70           | 20.70          | 0.117        | 29.10         | 0.813       | 2                |
| 1851.5MHz_RB 1,#RB H            | Pass   | 8.40        | 20.33           | 20.33          | 0.108        | 28.73         | 0.746       | 2                |
| 1851.5MHz_RB 8,#RB L            | Pass   | 8.40        | 19.51           | 19.51          | 0.089        | 27.91         | 0.618       | 2                |
| 1851.5MHz_RB 8,#RB M            | Pass   | 8.40        | 19.64           | 19.64          | 0.092        | 28.04         | 0.637       | 2                |

Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1851.5MHz_RB 8,#RB H            | Pass   | 8.40        | 19.59           | 19.59          | 0.091        | 27.99         | 0.630       | 2                |
| 1880MHz_RB 15,#RB 0             | Pass   | 8.40        | 19.21           | 19.21          | 0.083        | 27.61         | 0.577       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 20.19           | 20.19          | 0.104        | 28.59         | 0.723       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 20.00           | 20.00          | 0.100        | 28.40         | 0.692       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 20.18           | 20.18          | 0.104        | 28.58         | 0.721       | 2                |
| 1880MHz_RB 8,#RB L              | Pass   | 8.40        | 19.56           | 19.56          | 0.090        | 27.96         | 0.625       | 2                |
| 1880MHz_RB 8,#RB M              | Pass   | 8.40        | 19.58           | 19.58          | 0.091        | 27.98         | 0.628       | 2                |
| 1880MHz_RB 8,#RB H              | Pass   | 8.40        | 19.50           | 19.50          | 0.089        | 27.90         | 0.617       | 2                |
| 1913.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 19.51           | 19.51          | 0.089        | 27.91         | 0.618       | 2                |
| 1913.5MHz_RB 1,#RB L            | Pass   | 8.40        | 20.30           | 20.30          | 0.107        | 28.70         | 0.741       | 2                |
| 1913.5MHz_RB 1,#RB M            | Pass   | 8.40        | 20.44           | 20.44          | 0.111        | 28.84         | 0.766       | 2                |
| 1913.5MHz_RB 1,#RB H            | Pass   | 8.40        | 20.60           | 20.60          | 0.115        | 29.00         | 0.794       | 2                |
| 1913.5MHz_RB 8,#RB L            | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1913.5MHz_RB 8,#RB M            | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1913.5MHz_RB 8,#RB H            | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| Band 25_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 18.63           | 18.63          | 0.073        | 27.03         | 0.505       | 2                |
| 1851.5MHz_RB 1,#RB L            | Pass   | 8.40        | 19.47           | 19.47          | 0.089        | 27.87         | 0.612       | 2                |
| 1851.5MHz_RB 1,#RB M            | Pass   | 8.40        | 19.42           | 19.42          | 0.087        | 27.82         | 0.605       | 2                |
| 1851.5MHz_RB 1,#RB H            | Pass   | 8.40        | 19.38           | 19.38          | 0.087        | 27.78         | 0.600       | 2                |
| 1851.5MHz_RB 8,#RB L            | Pass   | 8.40        | 18.53           | 18.53          | 0.071        | 26.93         | 0.493       | 2                |
| 1851.5MHz_RB 8,#RB M            | Pass   | 8.40        | 18.65           | 18.65          | 0.073        | 27.05         | 0.507       | 2                |
| 1851.5MHz_RB 8,#RB H            | Pass   | 8.40        | 18.53           | 18.53          | 0.071        | 26.93         | 0.493       | 2                |
| 1880MHz_RB 15,#RB 0             | Pass   | 8.40        | 18.45           | 18.45          | 0.070        | 26.85         | 0.484       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 19.51           | 19.51          | 0.089        | 27.91         | 0.618       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 19.75           | 19.75          | 0.094        | 28.15         | 0.653       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 19.07           | 19.07          | 0.081        | 27.47         | 0.558       | 2                |
| 1880MHz_RB 8,#RB L              | Pass   | 8.40        | 18.49           | 18.49          | 0.071        | 26.89         | 0.489       | 2                |
| 1880MHz_RB 8,#RB M              | Pass   | 8.40        | 18.45           | 18.45          | 0.070        | 26.85         | 0.484       | 2                |
| 1880MHz_RB 8,#RB H              | Pass   | 8.40        | 18.37           | 18.37          | 0.069        | 26.77         | 0.475       | 2                |
| 1913.5MHz_RB 15,#RB 0           | Pass   | 8.40        | 18.38           | 18.38          | 0.069        | 26.78         | 0.476       | 2                |
| 1913.5MHz_RB 1,#RB L            | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| 1913.5MHz_RB 1,#RB M            | Pass   | 8.40        | 19.20           | 19.20          | 0.083        | 27.60         | 0.575       | 2                |
| 1913.5MHz_RB 1,#RB H            | Pass   | 8.40        | 19.18           | 19.18          | 0.083        | 27.58         | 0.573       | 2                |
| 1913.5MHz_RB 8,#RB L            | Pass   | 8.40        | 18.54           | 18.54          | 0.071        | 26.94         | 0.494       | 2                |
| 1913.5MHz_RB 8,#RB M            | Pass   | 8.40        | 18.52           | 18.52          | 0.071        | 26.92         | 0.492       | 2                |
| 1913.5MHz_RB 8,#RB H            | Pass   | 8.40        | 18.52           | 18.52          | 0.071        | 26.92         | 0.492       | 2                |
| Band 25_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 20.52           | 20.52          | 0.113        | 28.92         | 0.780       | 2                |
| 1852.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1852.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1852.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.14           | 21.14          | 0.130        | 29.54         | 0.899       | 2                |
| 1852.5MHz_RB 12,#RB L           | Pass   | 8.40        | 20.56           | 20.56          | 0.114        | 28.96         | 0.787       | 2                |
| 1852.5MHz_RB 12,#RB M           | Pass   | 8.40        | 20.56           | 20.56          | 0.114        | 28.96         | 0.787       | 2                |
| 1852.5MHz_RB 12,#RB H           | Pass   | 8.40        | 20.46           | 20.46          | 0.111        | 28.86         | 0.769       | 2                |
| 1880MHz_RB 25,#RB 0             | Pass   | 8.40        | 20.10           | 20.10          | 0.102        | 28.50         | 0.708       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 20.91           | 20.91          | 0.123        | 29.31         | 0.853       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 21.07           | 21.07          | 0.128        | 29.47         | 0.885       | 2                |

Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1880MHz_RB 12,#RB L             | Pass   | 8.40        | 20.43           | 20.43          | 0.110        | 28.83         | 0.764       | 2                |
| 1880MHz_RB 12,#RB M             | Pass   | 8.40        | 20.43           | 20.43          | 0.110        | 28.83         | 0.764       | 2                |
| 1880MHz_RB 12,#RB H             | Pass   | 8.40        | 20.38           | 20.38          | 0.109        | 28.78         | 0.755       | 2                |
| 1912.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 20.44           | 20.44          | 0.111        | 28.84         | 0.766       | 2                |
| 1912.5MHz_RB 1,#RB L            | Pass   | 8.40        | 21.21           | 21.21          | 0.132        | 29.61         | 0.914       | 2                |
| 1912.5MHz_RB 1,#RB M            | Pass   | 8.40        | 21.36           | 21.36          | 0.137        | 29.76         | 0.946       | 2                |
| 1912.5MHz_RB 1,#RB H            | Pass   | 8.40        | 21.41           | 21.41          | 0.138        | 29.81         | 0.957       | 2                |
| 1912.5MHz_RB 12,#RB L           | Pass   | 8.40        | 20.54           | 20.54          | 0.113        | 28.94         | 0.783       | 2                |
| 1912.5MHz_RB 12,#RB M           | Pass   | 8.40        | 20.50           | 20.50          | 0.112        | 28.90         | 0.776       | 2                |
| 1912.5MHz_RB 12,#RB H           | Pass   | 8.40        | 20.46           | 20.46          | 0.111        | 28.86         | 0.769       | 2                |
| Band 25_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 19.52           | 19.52          | 0.090        | 27.92         | 0.619       | 2                |
| 1852.5MHz_RB 1,#RB L            | Pass   | 8.40        | 20.45           | 20.45          | 0.111        | 28.85         | 0.767       | 2                |
| 1852.5MHz_RB 1,#RB M            | Pass   | 8.40        | 20.70           | 20.70          | 0.117        | 29.10         | 0.813       | 2                |
| 1852.5MHz_RB 1,#RB H            | Pass   | 8.40        | 20.32           | 20.32          | 0.108        | 28.72         | 0.745       | 2                |
| 1852.5MHz_RB 12,#RB L           | Pass   | 8.40        | 19.65           | 19.65          | 0.092        | 28.05         | 0.638       | 2                |
| 1852.5MHz_RB 12,#RB M           | Pass   | 8.40        | 19.72           | 19.72          | 0.094        | 28.12         | 0.649       | 2                |
| 1852.5MHz_RB 12,#RB H           | Pass   | 8.40        | 19.63           | 19.63          | 0.092        | 28.03         | 0.635       | 2                |
| 1880MHz_RB 25,#RB 0             | Pass   | 8.40        | 19.19           | 19.19          | 0.083        | 27.59         | 0.574       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 20.50           | 20.50          | 0.112        | 28.90         | 0.776       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 20.35           | 20.35          | 0.108        | 28.75         | 0.750       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 20.57           | 20.57          | 0.114        | 28.97         | 0.789       | 2                |
| 1880MHz_RB 12,#RB L             | Pass   | 8.40        | 19.55           | 19.55          | 0.090        | 27.95         | 0.624       | 2                |
| 1880MHz_RB 12,#RB M             | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| 1880MHz_RB 12,#RB H             | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| 1912.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1912.5MHz_RB 1,#RB L            | Pass   | 8.40        | 20.57           | 20.57          | 0.114        | 28.97         | 0.789       | 2                |
| 1912.5MHz_RB 1,#RB M            | Pass   | 8.40        | 20.49           | 20.49          | 0.112        | 28.89         | 0.774       | 2                |
| 1912.5MHz_RB 1,#RB H            | Pass   | 8.40        | 20.75           | 20.75          | 0.119        | 29.15         | 0.822       | 2                |
| 1912.5MHz_RB 12,#RB L           | Pass   | 8.40        | 19.61           | 19.61          | 0.091        | 28.01         | 0.632       | 2                |
| 1912.5MHz_RB 12,#RB M           | Pass   | 8.40        | 19.66           | 19.66          | 0.092        | 28.06         | 0.640       | 2                |
| 1912.5MHz_RB 12,#RB H           | Pass   | 8.40        | 19.66           | 19.66          | 0.092        | 28.06         | 0.640       | 2                |
| Band 25_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0           | Pass   | 8.40        | 18.54           | 18.54          | 0.071        | 26.94         | 0.494       | 2                |
| 1852.5MHz_RB 1,#RB L            | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1852.5MHz_RB 1,#RB M            | Pass   | 8.40        | 19.74           | 19.74          | 0.094        | 28.14         | 0.652       | 2                |
| 1852.5MHz_RB 1,#RB H            | Pass   | 8.40        | 19.46           | 19.46          | 0.088        | 27.86         | 0.611       | 2                |
| 1852.5MHz_RB 12,#RB L           | Pass   | 8.40        | 18.63           | 18.63          | 0.073        | 27.03         | 0.505       | 2                |
| 1852.5MHz_RB 12,#RB M           | Pass   | 8.40        | 18.68           | 18.68          | 0.074        | 27.08         | 0.511       | 2                |
| 1852.5MHz_RB 12,#RB H           | Pass   | 8.40        | 18.65           | 18.65          | 0.073        | 27.05         | 0.507       | 2                |
| 1880MHz_RB 25,#RB 0             | Pass   | 8.40        | 18.38           | 18.38          | 0.069        | 26.78         | 0.476       | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.40        | 19.21           | 19.21          | 0.083        | 27.61         | 0.577       | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.40        | 19.42           | 19.42          | 0.087        | 27.82         | 0.605       | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.40        | 19.15           | 19.15          | 0.082        | 27.55         | 0.569       | 2                |
| 1880MHz_RB 12,#RB L             | Pass   | 8.40        | 18.57           | 18.57          | 0.072        | 26.97         | 0.498       | 2                |
| 1880MHz_RB 12,#RB M             | Pass   | 8.40        | 18.54           | 18.54          | 0.071        | 26.94         | 0.494       | 2                |
| 1880MHz_RB 12,#RB H             | Pass   | 8.40        | 18.51           | 18.51          | 0.071        | 26.91         | 0.491       | 2                |

Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1912.5MHz_RB 25,#RB 0            | Pass   | 8.40        | 18.61           | 18.61          | 0.073        | 27.01         | 0.502       | 2                |
| 1912.5MHz_RB 1,#RB L             | Pass   | 8.40        | 19.63           | 19.63          | 0.092        | 28.03         | 0.635       | 2                |
| 1912.5MHz_RB 1,#RB M             | Pass   | 8.40        | 19.31           | 19.31          | 0.085        | 27.71         | 0.590       | 2                |
| 1912.5MHz_RB 1,#RB H             | Pass   | 8.40        | 19.67           | 19.67          | 0.093        | 28.07         | 0.641       | 2                |
| 1912.5MHz_RB 12,#RB L            | Pass   | 8.40        | 18.62           | 18.62          | 0.073        | 27.02         | 0.504       | 2                |
| 1912.5MHz_RB 12,#RB M            | Pass   | 8.40        | 18.66           | 18.66          | 0.073        | 27.06         | 0.508       | 2                |
| 1912.5MHz_RB 12,#RB H            | Pass   | 8.40        | 18.66           | 18.66          | 0.073        | 27.06         | 0.508       | 2                |
| Band 25_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0              | Pass   | 8.40        | 20.49           | 20.49          | 0.112        | 28.89         | 0.774       | 2                |
| 1855MHz_RB 1,#RB L               | Pass   | 8.40        | 21.36           | 21.36          | 0.137        | 29.76         | 0.946       | 2                |
| 1855MHz_RB 1,#RB M               | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1855MHz_RB 1,#RB H               | Pass   | 8.40        | 21.12           | 21.12          | 0.129        | 29.52         | 0.895       | 2                |
| 1855MHz_RB 25,#RB L              | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1855MHz_RB 25,#RB M              | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1855MHz_RB 25,#RB H              | Pass   | 8.40        | 20.48           | 20.48          | 0.112        | 28.88         | 0.773       | 2                |
| 1880MHz_RB 50,#RB 0              | Pass   | 8.40        | 20.43           | 20.43          | 0.110        | 28.83         | 0.764       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 21.30           | 21.30          | 0.135        | 29.70         | 0.933       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 21.44           | 21.44          | 0.139        | 29.84         | 0.964       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 21.29           | 21.29          | 0.135        | 29.69         | 0.931       | 2                |
| 1880MHz_RB 25,#RB L              | Pass   | 8.40        | 20.54           | 20.54          | 0.113        | 28.94         | 0.783       | 2                |
| 1880MHz_RB 25,#RB M              | Pass   | 8.40        | 20.40           | 20.40          | 0.110        | 28.80         | 0.759       | 2                |
| 1880MHz_RB 25,#RB H              | Pass   | 8.40        | 20.38           | 20.38          | 0.109        | 28.78         | 0.755       | 2                |
| 1910MHz_RB 50,#RB 0              | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1910MHz_RB 1,#RB L               | Pass   | 8.40        | 21.62           | 21.62          | 0.145        | 30.02         | 1.005       | 2                |
| 1910MHz_RB 1,#RB M               | Pass   | 8.40        | 21.56           | 21.56          | 0.143        | 29.96         | 0.991       | 2                |
| 1910MHz_RB 1,#RB H               | Pass   | 8.40        | 21.39           | 21.39          | 0.138        | 29.79         | 0.953       | 2                |
| 1910MHz_RB 25,#RB L              | Pass   | 8.40        | 20.59           | 20.59          | 0.115        | 28.99         | 0.793       | 2                |
| 1910MHz_RB 25,#RB M              | Pass   | 8.40        | 20.53           | 20.53          | 0.113        | 28.93         | 0.782       | 2                |
| 1910MHz_RB 25,#RB H              | Pass   | 8.40        | 20.51           | 20.51          | 0.112        | 28.91         | 0.778       | 2                |
| Band 25_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0              | Pass   | 8.40        | 19.64           | 19.64          | 0.092        | 28.04         | 0.637       | 2                |
| 1855MHz_RB 1,#RB L               | Pass   | 8.40        | 20.63           | 20.63          | 0.116        | 29.03         | 0.800       | 2                |
| 1855MHz_RB 1,#RB M               | Pass   | 8.40        | 20.05           | 20.05          | 0.101        | 28.45         | 0.700       | 2                |
| 1855MHz_RB 1,#RB H               | Pass   | 8.40        | 20.32           | 20.32          | 0.108        | 28.72         | 0.745       | 2                |
| 1855MHz_RB 25,#RB L              | Pass   | 8.40        | 19.71           | 19.71          | 0.094        | 28.11         | 0.647       | 2                |
| 1855MHz_RB 25,#RB M              | Pass   | 8.40        | 19.69           | 19.69          | 0.093        | 28.09         | 0.644       | 2                |
| 1855MHz_RB 25,#RB H              | Pass   | 8.40        | 19.57           | 19.57          | 0.091        | 27.97         | 0.627       | 2                |
| 1880MHz_RB 50,#RB 0              | Pass   | 8.40        | 19.42           | 19.42          | 0.087        | 27.82         | 0.605       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 20.30           | 20.30          | 0.107        | 28.70         | 0.741       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 20.62           | 20.62          | 0.115        | 29.02         | 0.798       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 20.59           | 20.59          | 0.115        | 28.99         | 0.793       | 2                |
| 1880MHz_RB 25,#RB L              | Pass   | 8.40        | 19.60           | 19.60          | 0.091        | 28.00         | 0.631       | 2                |
| 1880MHz_RB 25,#RB M              | Pass   | 8.40        | 19.57           | 19.57          | 0.091        | 27.97         | 0.627       | 2                |
| 1880MHz_RB 25,#RB H              | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| 1910MHz_RB 50,#RB 0              | Pass   | 8.40        | 19.63           | 19.63          | 0.092        | 28.03         | 0.635       | 2                |
| 1910MHz_RB 1,#RB L               | Pass   | 8.40        | 20.69           | 20.69          | 0.117        | 29.09         | 0.811       | 2                |
| 1910MHz_RB 1,#RB M               | Pass   | 8.40        | 20.68           | 20.68          | 0.117        | 29.08         | 0.809       | 2                |
| 1910MHz_RB 1,#RB H               | Pass   | 8.40        | 20.18           | 20.18          | 0.104        | 28.58         | 0.721       | 2                |

## Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1910MHz_RB 25,#RB L              | Pass   | 8.40        | 19.65           | 19.65          | 0.092        | 28.05         | 0.638       | 2                |
| 1910MHz_RB 25,#RB M              | Pass   | 8.40        | 19.62           | 19.62          | 0.092        | 28.02         | 0.634       | 2                |
| 1910MHz_RB 25,#RB H              | Pass   | 8.40        | 19.64           | 19.64          | 0.092        | 28.04         | 0.637       | 2                |
| Band 25_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1855MHz_RB 50,#RB 0              | Pass   | 8.40        | 18.68           | 18.68          | 0.074        | 27.08         | 0.511       | 2                |
| 1855MHz_RB 1,#RB L               | Pass   | 8.40        | 19.64           | 19.64          | 0.092        | 28.04         | 0.637       | 2                |
| 1855MHz_RB 1,#RB M               | Pass   | 8.40        | 19.94           | 19.94          | 0.099        | 28.34         | 0.682       | 2                |
| 1855MHz_RB 1,#RB H               | Pass   | 8.40        | 19.43           | 19.43          | 0.088        | 27.83         | 0.607       | 2                |
| 1855MHz_RB 25,#RB L              | Pass   | 8.40        | 18.64           | 18.64          | 0.073        | 27.04         | 0.506       | 2                |
| 1855MHz_RB 25,#RB M              | Pass   | 8.40        | 18.68           | 18.68          | 0.074        | 27.08         | 0.511       | 2                |
| 1855MHz_RB 25,#RB H              | Pass   | 8.40        | 18.63           | 18.63          | 0.073        | 27.03         | 0.505       | 2                |
| 1880MHz_RB 50,#RB 0              | Pass   | 8.40        | 18.43           | 18.43          | 0.070        | 26.83         | 0.482       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 19.55           | 19.55          | 0.090        | 27.95         | 0.624       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 19.38           | 19.38          | 0.087        | 27.78         | 0.600       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 19.30           | 19.30          | 0.085        | 27.70         | 0.589       | 2                |
| 1880MHz_RB 25,#RB L              | Pass   | 8.40        | 18.62           | 18.62          | 0.073        | 27.02         | 0.504       | 2                |
| 1880MHz_RB 25,#RB M              | Pass   | 8.40        | 18.59           | 18.59          | 0.072        | 26.99         | 0.500       | 2                |
| 1880MHz_RB 25,#RB H              | Pass   | 8.40        | 18.47           | 18.47          | 0.070        | 26.87         | 0.486       | 2                |
| 1910MHz_RB 50,#RB 0              | Pass   | 8.40        | 18.64           | 18.64          | 0.073        | 27.04         | 0.506       | 2                |
| 1910MHz_RB 1,#RB L               | Pass   | 8.40        | 19.54           | 19.54          | 0.090        | 27.94         | 0.622       | 2                |
| 1910MHz_RB 1,#RB M               | Pass   | 8.40        | 19.65           | 19.65          | 0.092        | 28.05         | 0.638       | 2                |
| 1910MHz_RB 1,#RB H               | Pass   | 8.40        | 19.59           | 19.59          | 0.091        | 27.99         | 0.630       | 2                |
| 1910MHz_RB 25,#RB L              | Pass   | 8.40        | 18.74           | 18.74          | 0.075        | 27.14         | 0.518       | 2                |
| 1910MHz_RB 25,#RB M              | Pass   | 8.40        | 18.65           | 18.65          | 0.073        | 27.05         | 0.507       | 2                |
| 1910MHz_RB 25,#RB H              | Pass   | 8.40        | 18.67           | 18.67          | 0.074        | 27.07         | 0.509       | 2                |
| Band 25_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 20.64           | 20.64          | 0.116        | 29.04         | 0.802       | 2                |
| 1857.5MHz_RB 1,#RB L             | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1857.5MHz_RB 1,#RB M             | Pass   | 8.40        | 21.32           | 21.32          | 0.136        | 29.72         | 0.938       | 2                |
| 1857.5MHz_RB 1,#RB H             | Pass   | 8.40        | 21.40           | 21.40          | 0.138        | 29.80         | 0.955       | 2                |
| 1857.5MHz_RB 36,#RB L            | Pass   | 8.40        | 20.61           | 20.61          | 0.115        | 29.01         | 0.796       | 2                |
| 1857.5MHz_RB 36,#RB M            | Pass   | 8.40        | 20.54           | 20.54          | 0.113        | 28.94         | 0.783       | 2                |
| 1857.5MHz_RB 36,#RB H            | Pass   | 8.40        | 20.54           | 20.54          | 0.113        | 28.94         | 0.783       | 2                |
| 1880MHz_RB 75,#RB 0              | Pass   | 8.40        | 20.51           | 20.51          | 0.112        | 28.91         | 0.778       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 21.60           | 21.60          | 0.145        | 30.00         | 1.000       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 21.42           | 21.42          | 0.139        | 29.82         | 0.959       | 2                |
| 1880MHz_RB 36,#RB L              | Pass   | 8.40        | 20.61           | 20.61          | 0.115        | 29.01         | 0.796       | 2                |
| 1880MHz_RB 36,#RB M              | Pass   | 8.40        | 20.50           | 20.50          | 0.112        | 28.90         | 0.776       | 2                |
| 1880MHz_RB 36,#RB H              | Pass   | 8.40        | 20.39           | 20.39          | 0.109        | 28.79         | 0.757       | 2                |
| 1907.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 20.61           | 20.61          | 0.115        | 29.01         | 0.796       | 2                |
| 1907.5MHz_RB 1,#RB L             | Pass   | 8.40        | 21.34           | 21.34          | 0.136        | 29.74         | 0.942       | 2                |
| 1907.5MHz_RB 1,#RB M             | Pass   | 8.40        | 21.02           | 21.02          | 0.126        | 29.42         | 0.875       | 2                |
| 1907.5MHz_RB 1,#RB H             | Pass   | 8.40        | 20.93           | 20.93          | 0.124        | 29.33         | 0.857       | 2                |
| 1907.5MHz_RB 36,#RB L            | Pass   | 8.40        | 20.66           | 20.66          | 0.116        | 29.06         | 0.805       | 2                |
| 1907.5MHz_RB 36,#RB M            | Pass   | 8.40        | 20.61           | 20.61          | 0.115        | 29.01         | 0.796       | 2                |
| 1907.5MHz_RB 36,#RB H            | Pass   | 8.40        | 20.52           | 20.52          | 0.113        | 28.92         | 0.780       | 2                |
| Band 25_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |

Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1857.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 19.52           | 19.52          | 0.090        | 27.92         | 0.619       | 2                |
| 1857.5MHz_RB 1,#RB L             | Pass   | 8.40        | 20.29           | 20.29          | 0.107        | 28.69         | 0.740       | 2                |
| 1857.5MHz_RB 1,#RB M             | Pass   | 8.40        | 20.49           | 20.49          | 0.112        | 28.89         | 0.774       | 2                |
| 1857.5MHz_RB 1,#RB H             | Pass   | 8.40        | 20.65           | 20.65          | 0.116        | 29.05         | 0.804       | 2                |
| 1857.5MHz_RB 36,#RB L            | Pass   | 8.40        | 19.77           | 19.77          | 0.095        | 28.17         | 0.656       | 2                |
| 1857.5MHz_RB 36,#RB M            | Pass   | 8.40        | 19.64           | 19.64          | 0.092        | 28.04         | 0.637       | 2                |
| 1857.5MHz_RB 36,#RB H            | Pass   | 8.40        | 19.69           | 19.69          | 0.093        | 28.09         | 0.644       | 2                |
| 1880MHz_RB 75,#RB 0              | Pass   | 8.40        | 19.44           | 19.44          | 0.088        | 27.84         | 0.608       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 20.59           | 20.59          | 0.115        | 28.99         | 0.793       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 20.60           | 20.60          | 0.115        | 29.00         | 0.794       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 19.91           | 19.91          | 0.098        | 28.31         | 0.678       | 2                |
| 1880MHz_RB 36,#RB L              | Pass   | 8.40        | 19.65           | 19.65          | 0.092        | 28.05         | 0.638       | 2                |
| 1880MHz_RB 36,#RB M              | Pass   | 8.40        | 19.60           | 19.60          | 0.091        | 28.00         | 0.631       | 2                |
| 1880MHz_RB 36,#RB H              | Pass   | 8.40        | 19.55           | 19.55          | 0.090        | 27.95         | 0.624       | 2                |
| 1907.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 19.71           | 19.71          | 0.094        | 28.11         | 0.647       | 2                |
| 1907.5MHz_RB 1,#RB L             | Pass   | 8.40        | 20.99           | 20.99          | 0.126        | 29.39         | 0.869       | 2                |
| 1907.5MHz_RB 1,#RB M             | Pass   | 8.40        | 20.48           | 20.48          | 0.112        | 28.88         | 0.773       | 2                |
| 1907.5MHz_RB 1,#RB H             | Pass   | 8.40        | 20.62           | 20.62          | 0.115        | 29.02         | 0.798       | 2                |
| 1907.5MHz_RB 36,#RB L            | Pass   | 8.40        | 19.77           | 19.77          | 0.095        | 28.17         | 0.656       | 2                |
| 1907.5MHz_RB 36,#RB M            | Pass   | 8.40        | 19.69           | 19.69          | 0.093        | 28.09         | 0.644       | 2                |
| 1907.5MHz_RB 36,#RB H            | Pass   | 8.40        | 19.66           | 19.66          | 0.092        | 28.06         | 0.640       | 2                |
| Band 25_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 18.49           | 18.49          | 0.071        | 26.89         | 0.489       | 2                |
| 1857.5MHz_RB 1,#RB L             | Pass   | 8.40        | 19.39           | 19.39          | 0.087        | 27.79         | 0.601       | 2                |
| 1857.5MHz_RB 1,#RB M             | Pass   | 8.40        | 19.26           | 19.26          | 0.084        | 27.66         | 0.583       | 2                |
| 1857.5MHz_RB 1,#RB H             | Pass   | 8.40        | 19.26           | 19.26          | 0.084        | 27.66         | 0.583       | 2                |
| 1857.5MHz_RB 36,#RB L            | Pass   | 8.40        | 18.75           | 18.75          | 0.075        | 27.15         | 0.519       | 2                |
| 1857.5MHz_RB 36,#RB M            | Pass   | 8.40        | 18.63           | 18.63          | 0.073        | 27.03         | 0.505       | 2                |
| 1857.5MHz_RB 36,#RB H            | Pass   | 8.40        | 18.66           | 18.66          | 0.073        | 27.06         | 0.508       | 2                |
| 1880MHz_RB 75,#RB 0              | Pass   | 8.40        | 18.39           | 18.39          | 0.069        | 26.79         | 0.478       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 19.58           | 19.58          | 0.091        | 27.98         | 0.628       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 19.53           | 19.53          | 0.090        | 27.93         | 0.621       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 19.67           | 19.67          | 0.093        | 28.07         | 0.641       | 2                |
| 1880MHz_RB 36,#RB L              | Pass   | 8.40        | 18.65           | 18.65          | 0.073        | 27.05         | 0.507       | 2                |
| 1880MHz_RB 36,#RB M              | Pass   | 8.40        | 18.60           | 18.60          | 0.072        | 27.00         | 0.501       | 2                |
| 1880MHz_RB 36,#RB H              | Pass   | 8.40        | 18.53           | 18.53          | 0.071        | 26.93         | 0.493       | 2                |
| 1907.5MHz_RB 75,#RB 0            | Pass   | 8.40        | 18.71           | 18.71          | 0.074        | 27.11         | 0.514       | 2                |
| 1907.5MHz_RB 1,#RB L             | Pass   | 8.40        | 19.69           | 19.69          | 0.093        | 28.09         | 0.644       | 2                |
| 1907.5MHz_RB 1,#RB M             | Pass   | 8.40        | 19.27           | 19.27          | 0.085        | 27.67         | 0.585       | 2                |
| 1907.5MHz_RB 1,#RB H             | Pass   | 8.40        | 19.61           | 19.61          | 0.091        | 28.01         | 0.632       | 2                |
| 1907.5MHz_RB 36,#RB L            | Pass   | 8.40        | 18.77           | 18.77          | 0.075        | 27.17         | 0.521       | 2                |
| 1907.5MHz_RB 36,#RB M            | Pass   | 8.40        | 18.72           | 18.72          | 0.074        | 27.12         | 0.515       | 2                |
| 1907.5MHz_RB 36,#RB H            | Pass   | 8.40        | 18.65           | 18.65          | 0.073        | 27.05         | 0.507       | 2                |
| Band 25_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0             | Pass   | 8.40        | 20.62           | 20.62          | 0.115        | 29.02         | 0.798       | 2                |
| 1860MHz_RB 1,#RB L               | Pass   | 8.40        | 21.51           | 21.51          | 0.142        | 29.91         | 0.979       | 2                |
| 1860MHz_RB 1,#RB M               | Pass   | 8.40        | 21.25           | 21.25          | 0.133        | 29.65         | 0.923       | 2                |
| 1860MHz_RB 1,#RB H               | Pass   | 8.40        | 21.27           | 21.27          | 0.134        | 29.67         | 0.927       | 2                |



Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1860MHz_RB 50,#RB L              | Pass   | 8.40        | 20.71           | 20.71          | 0.118        | 29.11         | 0.815       | 2                |
| 1860MHz_RB 50,#RB M              | Pass   | 8.40        | 20.72           | 20.72          | 0.118        | 29.12         | 0.817       | 2                |
| 1860MHz_RB 50,#RB H              | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1880MHz_RB 100,#RB 0             | Pass   | 8.40        | 20.57           | 20.57          | 0.114        | 28.97         | 0.789       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 21.08           | 21.08          | 0.128        | 29.48         | 0.887       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 21.37           | 21.37          | 0.137        | 29.77         | 0.948       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 21.32           | 21.32          | 0.136        | 29.72         | 0.938       | 2                |
| 1880MHz_RB 50,#RB L              | Pass   | 8.40        | 20.65           | 20.65          | 0.116        | 29.05         | 0.804       | 2                |
| 1880MHz_RB 50,#RB M              | Pass   | 8.40        | 20.55           | 20.55          | 0.114        | 28.95         | 0.785       | 2                |
| 1880MHz_RB 50,#RB H              | Pass   | 8.40        | 20.47           | 20.47          | 0.111        | 28.87         | 0.771       | 2                |
| 1905MHz_RB 100,#RB 0             | Pass   | 8.40        | 20.70           | 20.70          | 0.117        | 29.10         | 0.813       | 2                |
| 1905MHz_RB 1,#RB L               | Pass   | 8.40        | 21.51           | 21.51          | 0.142        | 29.91         | 0.979       | 2                |
| 1905MHz_RB 1,#RB M               | Pass   | 8.40        | 21.13           | 21.13          | 0.130        | 29.53         | 0.897       | 2                |
| 1905MHz_RB 1,#RB H               | Pass   | 8.40        | 21.39           | 21.39          | 0.138        | 29.79         | 0.953       | 2                |
| 1905MHz_RB 50,#RB L              | Pass   | 8.40        | 20.78           | 20.78          | 0.120        | 29.18         | 0.828       | 2                |
| 1905MHz_RB 50,#RB M              | Pass   | 8.40        | 20.67           | 20.67          | 0.117        | 29.07         | 0.807       | 2                |
| 1905MHz_RB 50,#RB H              | Pass   | 8.40        | 20.60           | 20.60          | 0.115        | 29.00         | 0.794       | 2                |
| Band 25_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0             | Pass   | 8.40        | 19.74           | 19.74          | 0.094        | 28.14         | 0.652       | 2                |
| 1860MHz_RB 1,#RB L               | Pass   | 8.40        | 20.59           | 20.59          | 0.115        | 28.99         | 0.793       | 2                |
| 1860MHz_RB 1,#RB M               | Pass   | 8.40        | 20.67           | 20.67          | 0.117        | 29.07         | 0.807       | 2                |
| 1860MHz_RB 1,#RB H               | Pass   | 8.40        | 20.59           | 20.59          | 0.115        | 28.99         | 0.793       | 2                |
| 1860MHz_RB 50,#RB L              | Pass   | 8.40        | 19.79           | 19.79          | 0.095        | 28.19         | 0.659       | 2                |
| 1860MHz_RB 50,#RB M              | Pass   | 8.40        | 19.79           | 19.79          | 0.095        | 28.19         | 0.659       | 2                |
| 1860MHz_RB 50,#RB H              | Pass   | 8.40        | 19.71           | 19.71          | 0.094        | 28.11         | 0.647       | 2                |
| 1880MHz_RB 100,#RB 0             | Pass   | 8.40        | 19.66           | 19.66          | 0.092        | 28.06         | 0.640       | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.40        | 20.67           | 20.67          | 0.117        | 29.07         | 0.807       | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.40        | 20.42           | 20.42          | 0.110        | 28.82         | 0.762       | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.40        | 20.31           | 20.31          | 0.107        | 28.71         | 0.743       | 2                |
| 1880MHz_RB 50,#RB L              | Pass   | 8.40        | 19.81           | 19.81          | 0.096        | 28.21         | 0.662       | 2                |
| 1880MHz_RB 50,#RB M              | Pass   | 8.40        | 19.67           | 19.67          | 0.093        | 28.07         | 0.641       | 2                |
| 1880MHz_RB 50,#RB H              | Pass   | 8.40        | 19.55           | 19.55          | 0.090        | 27.95         | 0.624       | 2                |
| 1905MHz_RB 100,#RB 0             | Pass   | 8.40        | 19.46           | 19.46          | 0.088        | 27.86         | 0.611       | 2                |
| 1905MHz_RB 1,#RB L               | Pass   | 8.40        | 20.75           | 20.75          | 0.119        | 29.15         | 0.822       | 2                |
| 1905MHz_RB 1,#RB M               | Pass   | 8.40        | 20.58           | 20.58          | 0.114        | 28.98         | 0.791       | 2                |
| 1905MHz_RB 1,#RB H               | Pass   | 8.40        | 20.22           | 20.22          | 0.105        | 28.62         | 0.728       | 2                |
| 1905MHz_RB 50,#RB L              | Pass   | 8.40        | 19.86           | 19.86          | 0.097        | 28.26         | 0.670       | 2                |
| 1905MHz_RB 50,#RB M              | Pass   | 8.40        | 19.75           | 19.75          | 0.094        | 28.15         | 0.653       | 2                |
| 1905MHz_RB 50,#RB H              | Pass   | 8.40        | 19.72           | 19.72          | 0.094        | 28.12         | 0.649       | 2                |
| Band 25_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1860MHz_RB 100,#RB 0             | Pass   | 8.40        | 18.69           | 18.69          | 0.074        | 27.09         | 0.512       | 2                |
| 1860MHz_RB 1,#RB L               | Pass   | 8.40        | 19.81           | 19.81          | 0.096        | 28.21         | 0.662       | 2                |
| 1860MHz_RB 1,#RB M               | Pass   | 8.40        | 19.57           | 19.57          | 0.091        | 27.97         | 0.627       | 2                |
| 1860MHz_RB 1,#RB H               | Pass   | 8.40        | 19.29           | 19.29          | 0.085        | 27.69         | 0.587       | 2                |
| 1860MHz_RB 50,#RB L              | Pass   | 8.40        | 18.80           | 18.80          | 0.076        | 27.20         | 0.525       | 2                |
| 1860MHz_RB 50,#RB M              | Pass   | 8.40        | 18.76           | 18.76          | 0.075        | 27.16         | 0.520       | 2                |
| 1860MHz_RB 50,#RB H              | Pass   | 8.40        | 18.71           | 18.71          | 0.074        | 27.11         | 0.514       | 2                |
| 1880MHz_RB 100,#RB 0             | Pass   | 8.40        | 18.64           | 18.64          | 0.073        | 27.04         | 0.506       | 2                |



Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

| Mode                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB L   | Pass   | 8.40        | 19.82           | 19.82          | 0.096        | 28.22         | 0.664       | 2                |
| 1880MHz_RB 1,#RB M   | Pass   | 8.40        | 19.10           | 19.10          | 0.081        | 27.50         | 0.562       | 2                |
| 1880MHz_RB 1,#RB H   | Pass   | 8.40        | 18.93           | 18.93          | 0.078        | 27.33         | 0.541       | 2                |
| 1880MHz_RB 50,#RB L  | Pass   | 8.40        | 18.77           | 18.77          | 0.075        | 27.17         | 0.521       | 2                |
| 1880MHz_RB 50,#RB M  | Pass   | 8.40        | 18.69           | 18.69          | 0.074        | 27.09         | 0.512       | 2                |
| 1880MHz_RB 50,#RB H  | Pass   | 8.40        | 18.63           | 18.63          | 0.073        | 27.03         | 0.505       | 2                |
| 1905MHz_RB 100,#RB 0 | Pass   | 8.40        | 18.78           | 18.78          | 0.076        | 27.18         | 0.522       | 2                |
| 1905MHz_RB 1,#RB L   | Pass   | 8.40        | 19.86           | 19.86          | 0.097        | 28.26         | 0.670       | 2                |
| 1905MHz_RB 1,#RB M   | Pass   | 8.40        | 19.46           | 19.46          | 0.088        | 27.86         | 0.611       | 2                |
| 1905MHz_RB 1,#RB H   | Pass   | 8.40        | 19.65           | 19.65          | 0.092        | 28.05         | 0.638       | 2                |
| 1905MHz_RB 50,#RB L  | Pass   | 8.40        | 18.91           | 18.91          | 0.078        | 27.31         | 0.538       | 2                |
| 1905MHz_RB 50,#RB M  | Pass   | 8.40        | 18.83           | 18.83          | 0.076        | 27.23         | 0.528       | 2                |
| 1905MHz_RB 50,#RB H  | Pass   | 8.40        | 18.74           | 18.74          | 0.075        | 27.14         | 0.518       | 2                |

**DG** = Directional Gain; **Port n** = Port n output power

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 26                   | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 18.02          | 0.063        | 22.92         | 0.196       |
| LTE_1.4MHz_Nss1,16QAM_1TX | 18.10          | 0.065        | 23.00         | 0.200       |
| LTE_1.4MHz_Nss1,64QAM_1TX | 18.05          | 0.064        | 22.95         | 0.197       |
| LTE_3MHz_Nss1,QPSK_1TX    | 18.19          | 0.066        | 23.09         | 0.204       |
| LTE_3MHz_Nss1,16QAM_1TX   | 18.31          | 0.068        | 23.21         | 0.209       |
| LTE_3MHz_Nss1,64QAM_1TX   | 18.20          | 0.066        | 23.10         | 0.204       |
| LTE_5MHz_Nss1,QPSK_1TX    | 18.27          | 0.067        | 23.17         | 0.207       |
| LTE_5MHz_Nss1,16QAM_1TX   | 18.33          | 0.068        | 23.23         | 0.210       |
| LTE_5MHz_Nss1,64QAM_1TX   | 18.34          | 0.068        | 23.24         | 0.211       |
| LTE_10MHz_Nss1,QPSK_1TX   | 18.39          | 0.069        | 23.29         | 0.213       |
| LTE_10MHz_Nss1,16QAM_1TX  | 18.33          | 0.068        | 23.23         | 0.210       |
| LTE_10MHz_Nss1,64QAM_1TX  | 18.26          | 0.067        | 23.16         | 0.207       |
| LTE_15MHz_Nss1,QPSK_1TX   | 18.30          | 0.068        | 23.20         | 0.209       |
| LTE_15MHz_Nss1,16QAM_1TX  | 18.36          | 0.069        | 23.26         | 0.212       |
| LTE_15MHz_Nss1,64QAM_1TX  | 18.35          | 0.068        | 23.25         | 0.211       |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

## Result

| Mode                              | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|-----------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| Band 26_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 824.7MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.74         | 0.188       | 100              | 17.84          | 0.061        | Inf               | 17.84           |
| 824.7MHz_RB 1,#RB L               | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 824.7MHz_RB 1,#RB M               | Pass   | 4.90        | 22.65         | 0.184       | 100              | 17.75          | 0.060        | Inf               | 17.75           |
| 824.7MHz_RB 1,#RB H               | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 824.7MHz_RB 3,#RB L               | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 824.7MHz_RB 3,#RB M               | Pass   | 4.90        | 22.75         | 0.188       | 100              | 17.85          | 0.061        | Inf               | 17.85           |
| 824.7MHz_RB 3,#RB H               | Pass   | 4.90        | 22.67         | 0.185       | 100              | 17.77          | 0.060        | Inf               | 17.77           |
| 836.5MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 836.5MHz_RB 1,#RB L               | Pass   | 4.90        | 22.69         | 0.186       | 100              | 17.79          | 0.060        | Inf               | 17.79           |
| 836.5MHz_RB 1,#RB M               | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 836.5MHz_RB 1,#RB H               | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 836.5MHz_RB 3,#RB L               | Pass   | 4.90        | 22.79         | 0.190       | 100              | 17.89          | 0.062        | Inf               | 17.89           |
| 836.5MHz_RB 3,#RB M               | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 836.5MHz_RB 3,#RB H               | Pass   | 4.90        | 22.78         | 0.190       | 100              | 17.88          | 0.061        | Inf               | 17.88           |
| 848.3MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 848.3MHz_RB 1,#RB L               | Pass   | 4.90        | 22.77         | 0.189       | 100              | 17.87          | 0.061        | Inf               | 17.87           |
| 848.3MHz_RB 1,#RB M               | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 848.3MHz_RB 1,#RB H               | Pass   | 4.90        | 22.92         | 0.196       | 100              | 18.02          | 0.063        | Inf               | 18.02           |
| 848.3MHz_RB 3,#RB L               | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| 848.3MHz_RB 3,#RB M               | Pass   | 4.90        | 22.73         | 0.187       | 100              | 17.83          | 0.061        | Inf               | 17.83           |
| 848.3MHz_RB 3,#RB H               | Pass   | 4.90        | 22.72         | 0.187       | 100              | 17.82          | 0.061        | Inf               | 17.82           |
| Band 26_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 824.7MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 824.7MHz_RB 1,#RB L               | Pass   | 4.90        | 22.65         | 0.184       | 100              | 17.75          | 0.060        | Inf               | 17.75           |
| 824.7MHz_RB 1,#RB M               | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 824.7MHz_RB 1,#RB H               | Pass   | 4.90        | 22.58         | 0.181       | 100              | 17.68          | 0.059        | Inf               | 17.68           |
| 824.7MHz_RB 3,#RB L               | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 824.7MHz_RB 3,#RB M               | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 824.7MHz_RB 3,#RB H               | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 836.5MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.89         | 0.195       | 100              | 17.99          | 0.063        | Inf               | 17.99           |
| 836.5MHz_RB 1,#RB L               | Pass   | 4.90        | 22.61         | 0.182       | 100              | 17.71          | 0.059        | Inf               | 17.71           |
| 836.5MHz_RB 1,#RB M               | Pass   | 4.90        | 22.56         | 0.180       | 100              | 17.66          | 0.058        | Inf               | 17.66           |
| 836.5MHz_RB 1,#RB H               | Pass   | 4.90        | 22.69         | 0.186       | 100              | 17.79          | 0.060        | Inf               | 17.79           |
| 836.5MHz_RB 3,#RB L               | Pass   | 4.90        | 22.96         | 0.198       | 100              | 18.06          | 0.064        | Inf               | 18.06           |
| 836.5MHz_RB 3,#RB M               | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 836.5MHz_RB 3,#RB H               | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 848.3MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 848.3MHz_RB 1,#RB L               | Pass   | 4.90        | 22.65         | 0.184       | 100              | 17.75          | 0.060        | Inf               | 17.75           |
| 848.3MHz_RB 1,#RB M               | Pass   | 4.90        | 22.64         | 0.184       | 100              | 17.74          | 0.059        | Inf               | 17.74           |
| 848.3MHz_RB 1,#RB H               | Pass   | 4.90        | 22.69         | 0.186       | 100              | 17.79          | 0.060        | Inf               | 17.79           |
| 848.3MHz_RB 3,#RB L               | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 848.3MHz_RB 3,#RB M               | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 848.3MHz_RB 3,#RB H               | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| Band 26_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 824.7MHz_RB 6,#RB 0               | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 824.7MHz_RB 1,#RB L               | Pass   | 4.90        | 22.52         | 0.179       | 100              | 17.62          | 0.058        | Inf               | 17.62           |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                            | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|---------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 824.7MHz_RB 1,#RB M             | Pass   | 4.90        | 22.59         | 0.182       | 100              | 17.69          | 0.059        | Inf               | 17.69           |
| 824.7MHz_RB 1,#RB H             | Pass   | 4.90        | 22.41         | 0.174       | 100              | 17.51          | 0.056        | Inf               | 17.51           |
| 824.7MHz_RB 3,#RB L             | Pass   | 4.90        | 22.93         | 0.196       | 100              | 18.03          | 0.064        | Inf               | 18.03           |
| 824.7MHz_RB 3,#RB M             | Pass   | 4.90        | 22.91         | 0.195       | 100              | 18.01          | 0.063        | Inf               | 18.01           |
| 824.7MHz_RB 3,#RB H             | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 836.5MHz_RB 6,#RB 0             | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.49         | 0.177       | 100              | 17.59          | 0.057        | Inf               | 17.59           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.45         | 0.176       | 100              | 17.55          | 0.057        | Inf               | 17.55           |
| 836.5MHz_RB 3,#RB L             | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 836.5MHz_RB 3,#RB M             | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 836.5MHz_RB 3,#RB H             | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 848.3MHz_RB 6,#RB 0             | Pass   | 4.90        | 22.82         | 0.191       | 100              | 17.92          | 0.062        | Inf               | 17.92           |
| 848.3MHz_RB 1,#RB L             | Pass   | 4.90        | 22.64         | 0.184       | 100              | 17.74          | 0.059        | Inf               | 17.74           |
| 848.3MHz_RB 1,#RB M             | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 848.3MHz_RB 1,#RB H             | Pass   | 4.90        | 22.56         | 0.180       | 100              | 17.66          | 0.058        | Inf               | 17.66           |
| 848.3MHz_RB 3,#RB L             | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 848.3MHz_RB 3,#RB M             | Pass   | 4.90        | 22.95         | 0.197       | 100              | 18.05          | 0.064        | Inf               | 18.05           |
| 848.3MHz_RB 3,#RB H             | Pass   | 4.90        | 22.92         | 0.196       | 100              | 18.02          | 0.063        | Inf               | 18.02           |
| Band 26_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 825.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 825.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 825.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 825.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 825.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.95         | 0.197       | 100              | 18.05          | 0.064        | Inf               | 18.05           |
| 825.5MHz_RB 8,#RB M             | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 825.5MHz_RB 8,#RB H             | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 836.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 23.06         | 0.202       | 100              | 18.16          | 0.065        | Inf               | 18.16           |
| 836.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.89         | 0.195       | 100              | 17.99          | 0.063        | Inf               | 17.99           |
| 836.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 836.5MHz_RB 8,#RB H             | Pass   | 4.90        | 22.91         | 0.195       | 100              | 18.01          | 0.063        | Inf               | 18.01           |
| 847.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 22.93         | 0.196       | 100              | 18.03          | 0.064        | Inf               | 18.03           |
| 847.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 847.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.77         | 0.189       | 100              | 17.87          | 0.061        | Inf               | 17.87           |
| 847.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 847.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 847.5MHz_RB 8,#RB M             | Pass   | 4.90        | 22.95         | 0.197       | 100              | 18.05          | 0.064        | Inf               | 18.05           |
| 847.5MHz_RB 8,#RB H             | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| Band 26_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 825.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 825.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.52         | 0.179       | 100              | 17.62          | 0.058        | Inf               | 17.62           |
| 825.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.54         | 0.179       | 100              | 17.64          | 0.058        | Inf               | 17.64           |
| 825.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 825.5MHz_RB 8,#RB L             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 825.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                            | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|---------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 825.5MHz_RB 8,#RB H             | Pass   | 4.90        | 23.21         | 0.209       | 100              | 18.31          | 0.068        | Inf               | 18.31           |
| 836.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.44         | 0.175       | 100              | 17.54          | 0.057        | Inf               | 17.54           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.57         | 0.181       | 100              | 17.67          | 0.058        | Inf               | 17.67           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.70         | 0.186       | 100              | 17.80          | 0.060        | Inf               | 17.80           |
| 836.5MHz_RB 8,#RB L             | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 836.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.15         | 0.207       | 100              | 18.25          | 0.067        | Inf               | 18.25           |
| 836.5MHz_RB 8,#RB H             | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 847.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 847.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 847.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 847.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 847.5MHz_RB 8,#RB L             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 847.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 847.5MHz_RB 8,#RB H             | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| Band 26_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 825.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 825.5MHz_RB 1,#RB L             | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 825.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.67         | 0.185       | 100              | 17.77          | 0.060        | Inf               | 17.77           |
| 825.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.47         | 0.177       | 100              | 17.57          | 0.057        | Inf               | 17.57           |
| 825.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 825.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 825.5MHz_RB 8,#RB H             | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 836.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.10         | 0.204       | 100              | 18.20          | 0.066        | Inf               | 18.20           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.64         | 0.184       | 100              | 17.74          | 0.059        | Inf               | 17.74           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.63         | 0.183       | 100              | 17.73          | 0.059        | Inf               | 17.73           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.65         | 0.184       | 100              | 17.75          | 0.060        | Inf               | 17.75           |
| 836.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.96         | 0.198       | 100              | 18.06          | 0.064        | Inf               | 18.06           |
| 836.5MHz_RB 8,#RB M             | Pass   | 4.90        | 23.06         | 0.202       | 100              | 18.16          | 0.065        | Inf               | 18.16           |
| 836.5MHz_RB 8,#RB H             | Pass   | 4.90        | 22.99         | 0.199       | 100              | 18.09          | 0.064        | Inf               | 18.09           |
| 847.5MHz_RB 15,#RB 0            | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 847.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.61         | 0.182       | 100              | 17.71          | 0.059        | Inf               | 17.71           |
| 847.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.86         | 0.193       | 100              | 17.96          | 0.063        | Inf               | 17.96           |
| 847.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 847.5MHz_RB 8,#RB L             | Pass   | 4.90        | 22.92         | 0.196       | 100              | 18.02          | 0.063        | Inf               | 18.02           |
| 847.5MHz_RB 8,#RB M             | Pass   | 4.90        | 22.98         | 0.199       | 100              | 18.08          | 0.064        | Inf               | 18.08           |
| 847.5MHz_RB 8,#RB H             | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| Band 26_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.93         | 0.196       | 100              | 18.03          | 0.064        | Inf               | 18.03           |
| 826.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.15         | 0.207       | 100              | 18.25          | 0.067        | Inf               | 18.25           |
| 826.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.97         | 0.198       | 100              | 18.07          | 0.064        | Inf               | 18.07           |
| 826.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 826.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.17         | 0.207       | 100              | 18.27          | 0.067        | Inf               | 18.27           |
| 826.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 836.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.95         | 0.197       | 100              | 18.05          | 0.064        | Inf               | 18.05           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                            | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|---------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 836.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 836.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 836.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 846.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 22.99         | 0.199       | 100              | 18.09          | 0.064        | Inf               | 18.09           |
| 846.5MHz_RB 1,#RB L             | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 846.5MHz_RB 1,#RB M             | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 846.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 846.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 846.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 846.5MHz_RB 12,#RB H            | Pass   | 4.90        | 22.97         | 0.198       | 100              | 18.07          | 0.064        | Inf               | 18.07           |
| Band 26_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.17         | 0.207       | 100              | 18.27          | 0.067        | Inf               | 18.27           |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 826.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.71         | 0.187       | 100              | 17.81          | 0.060        | Inf               | 17.81           |
| 826.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.65         | 0.184       | 100              | 17.75          | 0.060        | Inf               | 17.75           |
| 826.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.23         | 0.210       | 100              | 18.33          | 0.068        | Inf               | 18.33           |
| 826.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 826.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 836.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.88         | 0.194       | 100              | 17.98          | 0.063        | Inf               | 17.98           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.59         | 0.182       | 100              | 17.69          | 0.059        | Inf               | 17.69           |
| 836.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 836.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 836.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 846.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 846.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.74         | 0.188       | 100              | 17.84          | 0.061        | Inf               | 17.84           |
| 846.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.76         | 0.189       | 100              | 17.86          | 0.061        | Inf               | 17.86           |
| 846.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.78         | 0.190       | 100              | 17.88          | 0.061        | Inf               | 17.88           |
| 846.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.15         | 0.207       | 100              | 18.25          | 0.067        | Inf               | 18.25           |
| 846.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 846.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| Band 26_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 826.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| 826.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.78         | 0.190       | 100              | 17.88          | 0.061        | Inf               | 17.88           |
| 826.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.70         | 0.186       | 100              | 17.80          | 0.060        | Inf               | 17.80           |
| 826.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 826.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.24         | 0.211       | 100              | 18.34          | 0.068        | Inf               | 18.34           |
| 826.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 836.5MHz_RB 25,#RB 0            | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 836.5MHz_RB 1,#RB L             | Pass   | 4.90        | 22.79         | 0.190       | 100              | 17.89          | 0.062        | Inf               | 17.89           |
| 836.5MHz_RB 1,#RB M             | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| 836.5MHz_RB 1,#RB H             | Pass   | 4.90        | 22.78         | 0.190       | 100              | 17.88          | 0.061        | Inf               | 17.88           |
| 836.5MHz_RB 12,#RB L            | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 836.5MHz_RB 12,#RB M            | Pass   | 4.90        | 23.10         | 0.204       | 100              | 18.20          | 0.066        | Inf               | 18.20           |
| 836.5MHz_RB 12,#RB H            | Pass   | 4.90        | 23.02         | 0.200       | 100              | 18.12          | 0.065        | Inf               | 18.12           |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                             | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|----------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 846.5MHz_RB 25,#RB 0             | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 846.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.89         | 0.195       | 100              | 17.99          | 0.063        | Inf               | 17.99           |
| 846.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 846.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.82         | 0.191       | 100              | 17.92          | 0.062        | Inf               | 17.92           |
| 846.5MHz_RB 12,#RB L             | Pass   | 4.90        | 23.17         | 0.207       | 100              | 18.27          | 0.067        | Inf               | 18.27           |
| 846.5MHz_RB 12,#RB M             | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 846.5MHz_RB 12,#RB H             | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| Band 26_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 829MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 829MHz_RB 1,#RB L                | Pass   | 4.90        | 22.98         | 0.199       | 100              | 18.08          | 0.064        | Inf               | 18.08           |
| 829MHz_RB 1,#RB M                | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 829MHz_RB 1,#RB H                | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 829MHz_RB 25,#RB L               | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 829MHz_RB 25,#RB M               | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 829MHz_RB 25,#RB H               | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 836.5MHz_RB 50,#RB 0             | Pass   | 4.90        | 23.09         | 0.204       | 100              | 18.19          | 0.066        | Inf               | 18.19           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.95         | 0.197       | 100              | 18.05          | 0.064        | Inf               | 18.05           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.86         | 0.193       | 100              | 17.96          | 0.063        | Inf               | 17.96           |
| 836.5MHz_RB 25,#RB L             | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 836.5MHz_RB 25,#RB M             | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 836.5MHz_RB 25,#RB H             | Pass   | 4.90        | 23.02         | 0.200       | 100              | 18.12          | 0.065        | Inf               | 18.12           |
| 844MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 844MHz_RB 1,#RB L                | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 844MHz_RB 1,#RB M                | Pass   | 4.90        | 22.86         | 0.193       | 100              | 17.96          | 0.063        | Inf               | 17.96           |
| 844MHz_RB 1,#RB H                | Pass   | 4.90        | 23.29         | 0.213       | 100              | 18.39          | 0.069        | Inf               | 18.39           |
| 844MHz_RB 25,#RB L               | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 844MHz_RB 25,#RB M               | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 844MHz_RB 25,#RB H               | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| Band 26_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 829MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.15         | 0.207       | 100              | 18.25          | 0.067        | Inf               | 18.25           |
| 829MHz_RB 1,#RB L                | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 829MHz_RB 1,#RB M                | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 829MHz_RB 1,#RB H                | Pass   | 4.90        | 22.76         | 0.189       | 100              | 17.86          | 0.061        | Inf               | 17.86           |
| 829MHz_RB 25,#RB L               | Pass   | 4.90        | 23.23         | 0.210       | 100              | 18.33          | 0.068        | Inf               | 18.33           |
| 829MHz_RB 25,#RB M               | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 829MHz_RB 25,#RB H               | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 836.5MHz_RB 50,#RB 0             | Pass   | 4.90        | 23.10         | 0.204       | 100              | 18.20          | 0.066        | Inf               | 18.20           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.75         | 0.188       | 100              | 17.85          | 0.061        | Inf               | 17.85           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.92         | 0.196       | 100              | 18.02          | 0.063        | Inf               | 18.02           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.97         | 0.198       | 100              | 18.07          | 0.064        | Inf               | 18.07           |
| 836.5MHz_RB 25,#RB L             | Pass   | 4.90        | 23.18         | 0.208       | 100              | 18.28          | 0.067        | Inf               | 18.28           |
| 836.5MHz_RB 25,#RB M             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 836.5MHz_RB 25,#RB H             | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 844MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 844MHz_RB 1,#RB L                | Pass   | 4.90        | 22.84         | 0.192       | 100              | 17.94          | 0.062        | Inf               | 17.94           |
| 844MHz_RB 1,#RB M                | Pass   | 4.90        | 22.48         | 0.177       | 100              | 17.58          | 0.057        | Inf               | 17.58           |
| 844MHz_RB 1,#RB H                | Pass   | 4.90        | 22.59         | 0.182       | 100              | 17.69          | 0.059        | Inf               | 17.69           |



Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                             | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|----------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 844MHz_RB 25,#RB L               | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 844MHz_RB 25,#RB M               | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 844MHz_RB 25,#RB H               | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| Band 26_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 829MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 829MHz_RB 1,#RB L                | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 829MHz_RB 1,#RB M                | Pass   | 4.90        | 22.60         | 0.182       | 100              | 17.70          | 0.059        | Inf               | 17.70           |
| 829MHz_RB 1,#RB H                | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 829MHz_RB 25,#RB L               | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 829MHz_RB 25,#RB M               | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 829MHz_RB 25,#RB H               | Pass   | 4.90        | 22.98         | 0.199       | 100              | 18.08          | 0.064        | Inf               | 18.08           |
| 836.5MHz_RB 50,#RB 0             | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.80         | 0.191       | 100              | 17.90          | 0.062        | Inf               | 17.90           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.56         | 0.180       | 100              | 17.66          | 0.058        | Inf               | 17.66           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.76         | 0.189       | 100              | 17.86          | 0.061        | Inf               | 17.86           |
| 836.5MHz_RB 25,#RB L             | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 836.5MHz_RB 25,#RB M             | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 836.5MHz_RB 25,#RB H             | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 844MHz_RB 50,#RB 0               | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 844MHz_RB 1,#RB L                | Pass   | 4.90        | 22.96         | 0.198       | 100              | 18.06          | 0.064        | Inf               | 18.06           |
| 844MHz_RB 1,#RB M                | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| 844MHz_RB 1,#RB H                | Pass   | 4.90        | 22.70         | 0.186       | 100              | 17.80          | 0.060        | Inf               | 17.80           |
| 844MHz_RB 25,#RB L               | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 844MHz_RB 25,#RB M               | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 844MHz_RB 25,#RB H               | Pass   | 4.90        | 23.10         | 0.204       | 100              | 18.20          | 0.066        | Inf               | 18.20           |
| Band 26_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 831.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 831.5MHz_RB 1,#RB L              | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 831.5MHz_RB 1,#RB M              | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| 831.5MHz_RB 1,#RB H              | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 831.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.20         | 0.209       | 100              | 18.30          | 0.068        | Inf               | 18.30           |
| 831.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 831.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.06         | 0.202       | 100              | 18.16          | 0.065        | Inf               | 18.16           |
| 836.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.07         | 0.203       | 100              | 18.17          | 0.066        | Inf               | 18.17           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 23.10         | 0.204       | 100              | 18.20          | 0.066        | Inf               | 18.20           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 23.03         | 0.201       | 100              | 18.13          | 0.065        | Inf               | 18.13           |
| 836.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.05         | 0.202       | 100              | 18.15          | 0.065        | Inf               | 18.15           |
| 836.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 836.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 841.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.08         | 0.203       | 100              | 18.18          | 0.066        | Inf               | 18.18           |
| 841.5MHz_RB 1,#RB L              | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 841.5MHz_RB 1,#RB M              | Pass   | 4.90        | 23.06         | 0.202       | 100              | 18.16          | 0.065        | Inf               | 18.16           |
| 841.5MHz_RB 1,#RB H              | Pass   | 4.90        | 23.04         | 0.201       | 100              | 18.14          | 0.065        | Inf               | 18.14           |
| 841.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.11         | 0.205       | 100              | 18.21          | 0.066        | Inf               | 18.21           |
| 841.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 841.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.00         | 0.200       | 100              | 18.10          | 0.065        | Inf               | 18.10           |
| Band 26_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

| Mode                             | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|----------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 831.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 831.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.93         | 0.196       | 100              | 18.03          | 0.064        | Inf               | 18.03           |
| 831.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 831.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.72         | 0.187       | 100              | 17.82          | 0.061        | Inf               | 17.82           |
| 831.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.26         | 0.212       | 100              | 18.36          | 0.069        | Inf               | 18.36           |
| 831.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 831.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.17         | 0.207       | 100              | 18.27          | 0.067        | Inf               | 18.27           |
| 836.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.18         | 0.208       | 100              | 18.28          | 0.067        | Inf               | 18.28           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.92         | 0.196       | 100              | 18.02          | 0.063        | Inf               | 18.02           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.88         | 0.194       | 100              | 17.98          | 0.063        | Inf               | 17.98           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.73         | 0.187       | 100              | 17.83          | 0.061        | Inf               | 17.83           |
| 836.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 836.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.23         | 0.210       | 100              | 18.33          | 0.068        | Inf               | 18.33           |
| 836.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 841.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.16         | 0.207       | 100              | 18.26          | 0.067        | Inf               | 18.26           |
| 841.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.83         | 0.192       | 100              | 17.93          | 0.062        | Inf               | 17.93           |
| 841.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.85         | 0.193       | 100              | 17.95          | 0.062        | Inf               | 17.95           |
| 841.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.68         | 0.185       | 100              | 17.78          | 0.060        | Inf               | 17.78           |
| 841.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 841.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.22         | 0.210       | 100              | 18.32          | 0.068        | Inf               | 18.32           |
| 841.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.12         | 0.205       | 100              | 18.22          | 0.066        | Inf               | 18.22           |
| Band 26_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 831.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.18         | 0.208       | 100              | 18.28          | 0.067        | Inf               | 18.28           |
| 831.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.89         | 0.195       | 100              | 17.99          | 0.063        | Inf               | 17.99           |
| 831.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.79         | 0.190       | 100              | 17.89          | 0.062        | Inf               | 17.89           |
| 831.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.81         | 0.191       | 100              | 17.91          | 0.062        | Inf               | 17.91           |
| 831.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.25         | 0.211       | 100              | 18.35          | 0.068        | Inf               | 18.35           |
| 831.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 831.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.13         | 0.206       | 100              | 18.23          | 0.067        | Inf               | 18.23           |
| 836.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 836.5MHz_RB 1,#RB L              | Pass   | 4.90        | 22.94         | 0.197       | 100              | 18.04          | 0.064        | Inf               | 18.04           |
| 836.5MHz_RB 1,#RB M              | Pass   | 4.90        | 22.96         | 0.198       | 100              | 18.06          | 0.064        | Inf               | 18.06           |
| 836.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.87         | 0.194       | 100              | 17.97          | 0.063        | Inf               | 17.97           |
| 836.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 836.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.20         | 0.209       | 100              | 18.30          | 0.068        | Inf               | 18.30           |
| 836.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.14         | 0.206       | 100              | 18.24          | 0.067        | Inf               | 18.24           |
| 841.5MHz_RB 75,#RB 0             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 841.5MHz_RB 1,#RB L              | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 841.5MHz_RB 1,#RB M              | Pass   | 4.90        | 23.01         | 0.200       | 100              | 18.11          | 0.065        | Inf               | 18.11           |
| 841.5MHz_RB 1,#RB H              | Pass   | 4.90        | 22.90         | 0.195       | 100              | 18.00          | 0.063        | Inf               | 18.00           |
| 841.5MHz_RB 36,#RB L             | Pass   | 4.90        | 23.19         | 0.208       | 100              | 18.29          | 0.067        | Inf               | 18.29           |
| 841.5MHz_RB 36,#RB M             | Pass   | 4.90        | 23.21         | 0.209       | 100              | 18.31          | 0.068        | Inf               | 18.31           |
| 841.5MHz_RB 36,#RB H             | Pass   | 4.90        | 23.06         | 0.202       | 100              | 18.16          | 0.065        | Inf               | 18.16           |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------|----------------|--------------|---------------|-------------|
| Band 38                  | -              | -            | -             | -           |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.74          | 0.188        | 29.64         | 0.920       |
| LTE_5MHz_Nss1,16QAM_1TX  | 22.37          | 0.173        | 29.27         | 0.845       |
| LTE_5MHz_Nss1,64QAM_1TX  | 21.87          | 0.154        | 28.77         | 0.753       |
| LTE_10MHz_Nss1,QPSK_1TX  | 23.03          | 0.201        | 29.93         | 0.984       |
| LTE_10MHz_Nss1,16QAM_1TX | 21.97          | 0.157        | 28.87         | 0.771       |
| LTE_10MHz_Nss1,64QAM_1TX | 21.16          | 0.131        | 28.06         | 0.640       |
| LTE_15MHz_Nss1,QPSK_1TX  | 22.80          | 0.191        | 29.70         | 0.933       |
| LTE_15MHz_Nss1,16QAM_1TX | 22.43          | 0.175        | 29.33         | 0.857       |
| LTE_15MHz_Nss1,64QAM_1TX | 21.12          | 0.129        | 28.02         | 0.634       |
| LTE_20MHz_Nss1,QPSK_1TX  | 22.92          | 0.196        | 29.82         | 0.959       |
| LTE_20MHz_Nss1,16QAM_1TX | 22.45          | 0.176        | 29.35         | 0.861       |
| LTE_20MHz_Nss1,64QAM_1TX | 21.18          | 0.131        | 28.08         | 0.643       |



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| Band 38_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2572.5MHz_RB 25,#RB 0           | Pass   | 6.90        | 21.45           | 21.45          | 0.140        | 2                 | 28.35         | 0.684       | Inf              |
| 2572.5MHz_RB 1,#RB L            | Pass   | 6.90        | 21.94           | 21.94          | 0.156        | 2                 | 28.84         | 0.766       | Inf              |
| 2572.5MHz_RB 1,#RB M            | Pass   | 6.90        | 22.34           | 22.34          | 0.171        | 2                 | 29.24         | 0.839       | Inf              |
| 2572.5MHz_RB 1,#RB H            | Pass   | 6.90        | 21.66           | 21.66          | 0.147        | 2                 | 28.56         | 0.718       | Inf              |
| 2572.5MHz_RB 12,#RB L           | Pass   | 6.90        | 21.71           | 21.71          | 0.148        | 2                 | 28.61         | 0.726       | Inf              |
| 2572.5MHz_RB 12,#RB M           | Pass   | 6.90        | 21.66           | 21.66          | 0.147        | 2                 | 28.56         | 0.718       | Inf              |
| 2572.5MHz_RB 12,#RB H           | Pass   | 6.90        | 21.37           | 21.37          | 0.137        | 2                 | 28.27         | 0.671       | Inf              |
| 2595MHz_RB 25,#RB 0             | Pass   | 6.90        | 21.56           | 21.56          | 0.143        | 2                 | 28.46         | 0.701       | Inf              |
| 2595MHz_RB 1,#RB L              | Pass   | 6.90        | 22.15           | 22.15          | 0.164        | 2                 | 29.05         | 0.804       | Inf              |
| 2595MHz_RB 1,#RB M              | Pass   | 6.90        | 22.72           | 22.72          | 0.187        | 2                 | 29.62         | 0.916       | Inf              |
| 2595MHz_RB 1,#RB H              | Pass   | 6.90        | 22.36           | 22.36          | 0.172        | 2                 | 29.26         | 0.843       | Inf              |
| 2595MHz_RB 12,#RB L             | Pass   | 6.90        | 21.43           | 21.43          | 0.139        | 2                 | 28.33         | 0.681       | Inf              |
| 2595MHz_RB 12,#RB M             | Pass   | 6.90        | 21.54           | 21.54          | 0.143        | 2                 | 28.44         | 0.698       | Inf              |
| 2595MHz_RB 12,#RB H             | Pass   | 6.90        | 21.46           | 21.46          | 0.140        | 2                 | 28.36         | 0.685       | Inf              |
| 2617.5MHz_RB 25,#RB 0           | Pass   | 6.90        | 21.53           | 21.53          | 0.142        | 2                 | 28.43         | 0.697       | Inf              |
| 2617.5MHz_RB 1,#RB L            | Pass   | 6.90        | 22.74           | 22.74          | 0.188        | 2                 | 29.64         | 0.920       | Inf              |
| 2617.5MHz_RB 1,#RB M            | Pass   | 6.90        | 20.73           | 20.73          | 0.118        | 2                 | 27.63         | 0.579       | Inf              |
| 2617.5MHz_RB 1,#RB H            | Pass   | 6.90        | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2617.5MHz_RB 12,#RB L           | Pass   | 6.90        | 21.69           | 21.69          | 0.148        | 2                 | 28.59         | 0.723       | Inf              |
| 2617.5MHz_RB 12,#RB M           | Pass   | 6.90        | 20.69           | 20.69          | 0.117        | 2                 | 27.59         | 0.574       | Inf              |
| 2617.5MHz_RB 12,#RB H           | Pass   | 6.90        | 21.79           | 21.79          | 0.151        | 2                 | 28.69         | 0.740       | Inf              |
| Band 38_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2572.5MHz_RB 25,#RB 0           | Pass   | 6.90        | 20.58           | 20.58          | 0.114        | 2                 | 27.48         | 0.560       | Inf              |
| 2572.5MHz_RB 1,#RB L            | Pass   | 6.90        | 21.99           | 21.99          | 0.158        | 2                 | 28.89         | 0.774       | Inf              |
| 2572.5MHz_RB 1,#RB M            | Pass   | 6.90        | 21.02           | 21.02          | 0.126        | 2                 | 27.92         | 0.619       | Inf              |
| 2572.5MHz_RB 1,#RB H            | Pass   | 6.90        | 21.63           | 21.63          | 0.146        | 2                 | 28.53         | 0.713       | Inf              |
| 2572.5MHz_RB 12,#RB L           | Pass   | 6.90        | 20.38           | 20.38          | 0.109        | 2                 | 27.28         | 0.535       | Inf              |
| 2572.5MHz_RB 12,#RB M           | Pass   | 6.90        | 20.68           | 20.68          | 0.117        | 2                 | 27.58         | 0.573       | Inf              |
| 2572.5MHz_RB 12,#RB H           | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2595MHz_RB 25,#RB 0             | Pass   | 6.90        | 20.52           | 20.52          | 0.113        | 2                 | 27.42         | 0.552       | Inf              |
| 2595MHz_RB 1,#RB L              | Pass   | 6.90        | 21.69           | 21.69          | 0.148        | 2                 | 28.59         | 0.723       | Inf              |
| 2595MHz_RB 1,#RB M              | Pass   | 6.90        | 21.50           | 21.50          | 0.141        | 2                 | 28.40         | 0.692       | Inf              |
| 2595MHz_RB 1,#RB H              | Pass   | 6.90        | 21.75           | 21.75          | 0.150        | 2                 | 28.65         | 0.733       | Inf              |
| 2595MHz_RB 12,#RB L             | Pass   | 6.90        | 20.39           | 20.39          | 0.109        | 2                 | 27.29         | 0.536       | Inf              |
| 2595MHz_RB 12,#RB M             | Pass   | 6.90        | 20.46           | 20.46          | 0.111        | 2                 | 27.36         | 0.545       | Inf              |
| 2595MHz_RB 12,#RB H             | Pass   | 6.90        | 20.53           | 20.53          | 0.113        | 2                 | 27.43         | 0.553       | Inf              |
| 2617.5MHz_RB 25,#RB 0           | Pass   | 6.90        | 20.86           | 20.86          | 0.122        | 2                 | 27.76         | 0.597       | Inf              |
| 2617.5MHz_RB 1,#RB L            | Pass   | 6.90        | 22.37           | 22.37          | 0.173        | 2                 | 29.27         | 0.845       | Inf              |
| 2617.5MHz_RB 1,#RB M            | Pass   | 6.90        | 21.57           | 21.57          | 0.144        | 2                 | 28.47         | 0.703       | Inf              |
| 2617.5MHz_RB 1,#RB H            | Pass   | 6.90        | 20.36           | 20.36          | 0.109        | 2                 | 27.26         | 0.532       | Inf              |
| 2617.5MHz_RB 12,#RB L           | Pass   | 6.90        | 20.51           | 20.51          | 0.112        | 2                 | 27.41         | 0.551       | Inf              |
| 2617.5MHz_RB 12,#RB M           | Pass   | 6.90        | 21.74           | 21.74          | 0.149        | 2                 | 28.64         | 0.731       | Inf              |
| 2617.5MHz_RB 12,#RB H           | Pass   | 6.90        | 19.68           | 19.68          | 0.093        | 2                 | 26.58         | 0.455       | Inf              |
| Band 38_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2572.5MHz_RB 25,#RB 0           | Pass   | 6.90        | 19.57           | 19.57          | 0.091        | 2                 | 26.47         | 0.444       | Inf              |
| 2572.5MHz_RB 1,#RB L            | Pass   | 6.90        | 20.87           | 20.87          | 0.122        | 2                 | 27.77         | 0.598       | Inf              |

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2572.5MHz_RB 1,#RB M             | Pass   | 6.90        | 21.20           | 21.20          | 0.132        | 2                 | 28.10         | 0.646       | Inf              |
| 2572.5MHz_RB 1,#RB H             | Pass   | 6.90        | 21.29           | 21.29          | 0.135        | 2                 | 28.19         | 0.659       | Inf              |
| 2572.5MHz_RB 12,#RB L            | Pass   | 6.90        | 19.55           | 19.55          | 0.090        | 2                 | 26.45         | 0.442       | Inf              |
| 2572.5MHz_RB 12,#RB M            | Pass   | 6.90        | 20.08           | 20.08          | 0.102        | 2                 | 26.98         | 0.499       | Inf              |
| 2572.5MHz_RB 12,#RB H            | Pass   | 6.90        | 19.34           | 19.34          | 0.086        | 2                 | 26.24         | 0.421       | Inf              |
| 2595MHz_RB 25,#RB 0              | Pass   | 6.90        | 19.55           | 19.55          | 0.090        | 2                 | 26.45         | 0.442       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 20.51           | 20.51          | 0.112        | 2                 | 27.41         | 0.551       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 20.61           | 20.61          | 0.115        | 2                 | 27.51         | 0.564       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 20.66           | 20.66          | 0.116        | 2                 | 27.56         | 0.570       | Inf              |
| 2595MHz_RB 12,#RB L              | Pass   | 6.90        | 19.57           | 19.57          | 0.091        | 2                 | 26.47         | 0.444       | Inf              |
| 2595MHz_RB 12,#RB M              | Pass   | 6.90        | 19.49           | 19.49          | 0.089        | 2                 | 26.39         | 0.436       | Inf              |
| 2595MHz_RB 12,#RB H              | Pass   | 6.90        | 19.59           | 19.59          | 0.091        | 2                 | 26.49         | 0.446       | Inf              |
| 2617.5MHz_RB 25,#RB 0            | Pass   | 6.90        | 19.52           | 19.52          | 0.090        | 2                 | 26.42         | 0.439       | Inf              |
| 2617.5MHz_RB 1,#RB L             | Pass   | 6.90        | 21.87           | 21.87          | 0.154        | 2                 | 28.77         | 0.753       | Inf              |
| 2617.5MHz_RB 1,#RB M             | Pass   | 6.90        | 20.09           | 20.09          | 0.102        | 2                 | 26.99         | 0.500       | Inf              |
| 2617.5MHz_RB 1,#RB H             | Pass   | 6.90        | 20.39           | 20.39          | 0.109        | 2                 | 27.29         | 0.536       | Inf              |
| 2617.5MHz_RB 12,#RB L            | Pass   | 6.90        | 18.03           | 18.03          | 0.064        | 2                 | 24.93         | 0.311       | Inf              |
| 2617.5MHz_RB 12,#RB M            | Pass   | 6.90        | 18.88           | 18.88          | 0.077        | 2                 | 25.78         | 0.378       | Inf              |
| 2617.5MHz_RB 12,#RB H            | Pass   | 6.90        | 19.90           | 19.90          | 0.098        | 2                 | 26.80         | 0.479       | Inf              |
| Band 38_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2575MHz_RB 50,#RB 0              | Pass   | 6.90        | 21.61           | 21.61          | 0.145        | 2                 | 28.51         | 0.710       | Inf              |
| 2575MHz_RB 1,#RB L               | Pass   | 6.90        | 23.03           | 23.03          | 0.201        | 2                 | 29.93         | 0.984       | Inf              |
| 2575MHz_RB 1,#RB M               | Pass   | 6.90        | 22.79           | 22.79          | 0.190        | 2                 | 29.69         | 0.931       | Inf              |
| 2575MHz_RB 1,#RB H               | Pass   | 6.90        | 22.46           | 22.46          | 0.176        | 2                 | 29.36         | 0.863       | Inf              |
| 2575MHz_RB 25,#RB L              | Pass   | 6.90        | 21.72           | 21.72          | 0.149        | 2                 | 28.62         | 0.728       | Inf              |
| 2575MHz_RB 25,#RB M              | Pass   | 6.90        | 21.49           | 21.49          | 0.141        | 2                 | 28.39         | 0.690       | Inf              |
| 2575MHz_RB 25,#RB H              | Pass   | 6.90        | 21.24           | 21.24          | 0.133        | 2                 | 28.14         | 0.652       | Inf              |
| 2595MHz_RB 50,#RB 0              | Pass   | 6.90        | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 22.58           | 22.58          | 0.181        | 2                 | 29.48         | 0.887       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 22.76           | 22.76          | 0.189        | 2                 | 29.66         | 0.925       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 22.51           | 22.51          | 0.178        | 2                 | 29.41         | 0.873       | Inf              |
| 2595MHz_RB 25,#RB L              | Pass   | 6.90        | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| 2595MHz_RB 25,#RB M              | Pass   | 6.90        | 21.67           | 21.67          | 0.147        | 2                 | 28.57         | 0.719       | Inf              |
| 2595MHz_RB 25,#RB H              | Pass   | 6.90        | 21.48           | 21.48          | 0.141        | 2                 | 28.38         | 0.689       | Inf              |
| 2615MHz_RB 50,#RB 0              | Pass   | 6.90        | 21.48           | 21.48          | 0.141        | 2                 | 28.38         | 0.689       | Inf              |
| 2615MHz_RB 1,#RB L               | Pass   | 6.90        | 22.62           | 22.62          | 0.183        | 2                 | 29.52         | 0.895       | Inf              |
| 2615MHz_RB 1,#RB M               | Pass   | 6.90        | 22.04           | 22.04          | 0.160        | 2                 | 28.94         | 0.783       | Inf              |
| 2615MHz_RB 1,#RB H               | Pass   | 6.90        | 22.42           | 22.42          | 0.175        | 2                 | 29.32         | 0.855       | Inf              |
| 2615MHz_RB 25,#RB L              | Pass   | 6.90        | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| 2615MHz_RB 25,#RB M              | Pass   | 6.90        | 21.45           | 21.45          | 0.140        | 2                 | 28.35         | 0.684       | Inf              |
| 2615MHz_RB 25,#RB H              | Pass   | 6.90        | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| Band 38_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2575MHz_RB 50,#RB 0              | Pass   | 6.90        | 20.82           | 20.82          | 0.121        | 2                 | 27.72         | 0.592       | Inf              |
| 2575MHz_RB 1,#RB L               | Pass   | 6.90        | 21.49           | 21.49          | 0.141        | 2                 | 28.39         | 0.690       | Inf              |
| 2575MHz_RB 1,#RB M               | Pass   | 6.90        | 21.46           | 21.46          | 0.140        | 2                 | 28.36         | 0.685       | Inf              |
| 2575MHz_RB 1,#RB H               | Pass   | 6.90        | 21.46           | 21.46          | 0.140        | 2                 | 28.36         | 0.685       | Inf              |
| 2575MHz_RB 25,#RB L              | Pass   | 6.90        | 20.78           | 20.78          | 0.120        | 2                 | 27.68         | 0.586       | Inf              |
| 2575MHz_RB 25,#RB M              | Pass   | 6.90        | 20.90           | 20.90          | 0.123        | 2                 | 27.80         | 0.603       | Inf              |

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2575MHz_RB 25,#RB H              | Pass   | 6.90        | 20.90           | 20.90          | 0.123        | 2                 | 27.80         | 0.603       | Inf              |
| 2595MHz_RB 50,#RB 0              | Pass   | 6.90        | 20.63           | 20.63          | 0.116        | 2                 | 27.53         | 0.566       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 21.63           | 21.63          | 0.146        | 2                 | 28.53         | 0.713       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 21.53           | 21.53          | 0.142        | 2                 | 28.43         | 0.697       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 21.52           | 21.52          | 0.142        | 2                 | 28.42         | 0.695       | Inf              |
| 2595MHz_RB 25,#RB L              | Pass   | 6.90        | 20.67           | 20.67          | 0.117        | 2                 | 27.57         | 0.571       | Inf              |
| 2595MHz_RB 25,#RB M              | Pass   | 6.90        | 20.79           | 20.79          | 0.120        | 2                 | 27.69         | 0.587       | Inf              |
| 2595MHz_RB 25,#RB H              | Pass   | 6.90        | 20.48           | 20.48          | 0.112        | 2                 | 27.38         | 0.547       | Inf              |
| 2615MHz_RB 50,#RB 0              | Pass   | 6.90        | 20.70           | 20.70          | 0.117        | 2                 | 27.60         | 0.575       | Inf              |
| 2615MHz_RB 1,#RB L               | Pass   | 6.90        | 21.57           | 21.57          | 0.144        | 2                 | 28.47         | 0.703       | Inf              |
| 2615MHz_RB 1,#RB M               | Pass   | 6.90        | 21.66           | 21.66          | 0.147        | 2                 | 28.56         | 0.718       | Inf              |
| 2615MHz_RB 1,#RB H               | Pass   | 6.90        | 21.97           | 21.97          | 0.157        | 2                 | 28.87         | 0.771       | Inf              |
| 2615MHz_RB 25,#RB L              | Pass   | 6.90        | 20.69           | 20.69          | 0.117        | 2                 | 27.59         | 0.574       | Inf              |
| 2615MHz_RB 25,#RB M              | Pass   | 6.90        | 20.72           | 20.72          | 0.118        | 2                 | 27.62         | 0.578       | Inf              |
| 2615MHz_RB 25,#RB H              | Pass   | 6.90        | 20.83           | 20.83          | 0.121        | 2                 | 27.73         | 0.593       | Inf              |
| Band 38_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2575MHz_RB 50,#RB 0              | Pass   | 6.90        | 19.80           | 19.80          | 0.095        | 2                 | 26.70         | 0.468       | Inf              |
| 2575MHz_RB 1,#RB L               | Pass   | 6.90        | 21.16           | 21.16          | 0.131        | 2                 | 28.06         | 0.640       | Inf              |
| 2575MHz_RB 1,#RB M               | Pass   | 6.90        | 20.49           | 20.49          | 0.112        | 2                 | 27.39         | 0.548       | Inf              |
| 2575MHz_RB 1,#RB H               | Pass   | 6.90        | 21.11           | 21.11          | 0.129        | 2                 | 28.01         | 0.632       | Inf              |
| 2575MHz_RB 25,#RB L              | Pass   | 6.90        | 19.92           | 19.92          | 0.098        | 2                 | 26.82         | 0.481       | Inf              |
| 2575MHz_RB 25,#RB M              | Pass   | 6.90        | 18.91           | 18.91          | 0.078        | 2                 | 25.81         | 0.381       | Inf              |
| 2575MHz_RB 25,#RB H              | Pass   | 6.90        | 19.48           | 19.48          | 0.089        | 2                 | 26.38         | 0.435       | Inf              |
| 2595MHz_RB 50,#RB 0              | Pass   | 6.90        | 19.69           | 19.69          | 0.093        | 2                 | 26.59         | 0.456       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 21.12           | 21.12          | 0.129        | 2                 | 28.02         | 0.634       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 20.35           | 20.35          | 0.108        | 2                 | 27.25         | 0.531       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 20.24           | 20.24          | 0.106        | 2                 | 27.14         | 0.518       | Inf              |
| 2595MHz_RB 25,#RB L              | Pass   | 6.90        | 19.75           | 19.75          | 0.094        | 2                 | 26.65         | 0.462       | Inf              |
| 2595MHz_RB 25,#RB M              | Pass   | 6.90        | 19.60           | 19.60          | 0.091        | 2                 | 26.50         | 0.447       | Inf              |
| 2595MHz_RB 25,#RB H              | Pass   | 6.90        | 19.64           | 19.64          | 0.092        | 2                 | 26.54         | 0.451       | Inf              |
| 2615MHz_RB 50,#RB 0              | Pass   | 6.90        | 19.50           | 19.50          | 0.089        | 2                 | 26.40         | 0.437       | Inf              |
| 2615MHz_RB 1,#RB L               | Pass   | 6.90        | 20.61           | 20.61          | 0.115        | 2                 | 27.51         | 0.564       | Inf              |
| 2615MHz_RB 1,#RB M               | Pass   | 6.90        | 20.89           | 20.89          | 0.123        | 2                 | 27.79         | 0.601       | Inf              |
| 2615MHz_RB 1,#RB H               | Pass   | 6.90        | 20.22           | 20.22          | 0.105        | 2                 | 27.12         | 0.515       | Inf              |
| 2615MHz_RB 25,#RB L              | Pass   | 6.90        | 19.64           | 19.64          | 0.092        | 2                 | 26.54         | 0.451       | Inf              |
| 2615MHz_RB 25,#RB M              | Pass   | 6.90        | 19.51           | 19.51          | 0.089        | 2                 | 26.41         | 0.438       | Inf              |
| 2615MHz_RB 25,#RB H              | Pass   | 6.90        | 19.41           | 19.41          | 0.087        | 2                 | 26.31         | 0.428       | Inf              |
| Band 38_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2577.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 21.48           | 21.48          | 0.141        | 2                 | 28.38         | 0.689       | Inf              |
| 2577.5MHz_RB 1,#RB L             | Pass   | 6.90        | 22.54           | 22.54          | 0.179        | 2                 | 29.44         | 0.879       | Inf              |
| 2577.5MHz_RB 1,#RB M             | Pass   | 6.90        | 22.44           | 22.44          | 0.175        | 2                 | 29.34         | 0.859       | Inf              |
| 2577.5MHz_RB 1,#RB H             | Pass   | 6.90        | 22.08           | 22.08          | 0.161        | 2                 | 28.98         | 0.791       | Inf              |
| 2577.5MHz_RB 36,#RB L            | Pass   | 6.90        | 21.62           | 21.62          | 0.145        | 2                 | 28.52         | 0.711       | Inf              |
| 2577.5MHz_RB 36,#RB M            | Pass   | 6.90        | 21.51           | 21.51          | 0.142        | 2                 | 28.41         | 0.693       | Inf              |
| 2577.5MHz_RB 36,#RB H            | Pass   | 6.90        | 21.40           | 21.40          | 0.138        | 2                 | 28.30         | 0.676       | Inf              |
| 2595MHz_RB 75,#RB 0              | Pass   | 6.90        | 21.62           | 21.62          | 0.145        | 2                 | 28.52         | 0.711       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 22.69           | 22.69          | 0.186        | 2                 | 29.59         | 0.910       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 21.98           | 21.98          | 0.158        | 2                 | 28.88         | 0.773       | Inf              |

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 22.11           | 22.11          | 0.163        | 2                 | 29.01         | 0.796       | Inf              |
| 2595MHz_RB 36,#RB L              | Pass   | 6.90        | 21.50           | 21.50          | 0.141        | 2                 | 28.40         | 0.692       | Inf              |
| 2595MHz_RB 36,#RB M              | Pass   | 6.90        | 21.32           | 21.32          | 0.136        | 2                 | 28.22         | 0.664       | Inf              |
| 2595MHz_RB 36,#RB H              | Pass   | 6.90        | 21.58           | 21.58          | 0.144        | 2                 | 28.48         | 0.705       | Inf              |
| 2612.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 21.39           | 21.39          | 0.138        | 2                 | 28.29         | 0.675       | Inf              |
| 2612.5MHz_RB 1,#RB L             | Pass   | 6.90        | 22.79           | 22.79          | 0.190        | 2                 | 29.69         | 0.931       | Inf              |
| 2612.5MHz_RB 1,#RB M             | Pass   | 6.90        | 22.40           | 22.40          | 0.174        | 2                 | 29.30         | 0.851       | Inf              |
| 2612.5MHz_RB 1,#RB H             | Pass   | 6.90        | 22.80           | 22.80          | 0.191        | 2                 | 29.70         | 0.933       | Inf              |
| 2612.5MHz_RB 36,#RB L            | Pass   | 6.90        | 21.26           | 21.26          | 0.134        | 2                 | 28.16         | 0.655       | Inf              |
| 2612.5MHz_RB 36,#RB M            | Pass   | 6.90        | 21.71           | 21.71          | 0.148        | 2                 | 28.61         | 0.726       | Inf              |
| 2612.5MHz_RB 36,#RB H            | Pass   | 6.90        | 21.53           | 21.53          | 0.142        | 2                 | 28.43         | 0.697       | Inf              |
| Band 38_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2577.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2577.5MHz_RB 1,#RB L             | Pass   | 6.90        | 21.57           | 21.57          | 0.144        | 2                 | 28.47         | 0.703       | Inf              |
| 2577.5MHz_RB 1,#RB M             | Pass   | 6.90        | 21.53           | 21.53          | 0.142        | 2                 | 28.43         | 0.697       | Inf              |
| 2577.5MHz_RB 1,#RB H             | Pass   | 6.90        | 21.35           | 21.35          | 0.136        | 2                 | 28.25         | 0.668       | Inf              |
| 2577.5MHz_RB 36,#RB L            | Pass   | 6.90        | 20.56           | 20.56          | 0.114        | 2                 | 27.46         | 0.557       | Inf              |
| 2577.5MHz_RB 36,#RB M            | Pass   | 6.90        | 20.54           | 20.54          | 0.113        | 2                 | 27.44         | 0.555       | Inf              |
| 2577.5MHz_RB 36,#RB H            | Pass   | 6.90        | 20.56           | 20.56          | 0.114        | 2                 | 27.46         | 0.557       | Inf              |
| 2595MHz_RB 75,#RB 0              | Pass   | 6.90        | 20.65           | 20.65          | 0.116        | 2                 | 27.55         | 0.569       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 21.78           | 21.78          | 0.151        | 2                 | 28.68         | 0.738       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 21.55           | 21.55          | 0.143        | 2                 | 28.45         | 0.700       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 22.43           | 22.43          | 0.175        | 2                 | 29.33         | 0.857       | Inf              |
| 2595MHz_RB 36,#RB L              | Pass   | 6.90        | 20.83           | 20.83          | 0.121        | 2                 | 27.73         | 0.593       | Inf              |
| 2595MHz_RB 36,#RB M              | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2595MHz_RB 36,#RB H              | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2612.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 20.39           | 20.39          | 0.109        | 2                 | 27.29         | 0.536       | Inf              |
| 2612.5MHz_RB 1,#RB L             | Pass   | 6.90        | 21.44           | 21.44          | 0.139        | 2                 | 28.34         | 0.682       | Inf              |
| 2612.5MHz_RB 1,#RB M             | Pass   | 6.90        | 22.17           | 22.17          | 0.165        | 2                 | 29.07         | 0.807       | Inf              |
| 2612.5MHz_RB 1,#RB H             | Pass   | 6.90        | 21.32           | 21.32          | 0.136        | 2                 | 28.22         | 0.664       | Inf              |
| 2612.5MHz_RB 36,#RB L            | Pass   | 6.90        | 20.66           | 20.66          | 0.116        | 2                 | 27.56         | 0.570       | Inf              |
| 2612.5MHz_RB 36,#RB M            | Pass   | 6.90        | 20.55           | 20.55          | 0.114        | 2                 | 27.45         | 0.556       | Inf              |
| 2612.5MHz_RB 36,#RB H            | Pass   | 6.90        | 20.49           | 20.49          | 0.112        | 2                 | 27.39         | 0.548       | Inf              |
| Band 38_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2577.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 19.66           | 19.66          | 0.092        | 2                 | 26.56         | 0.453       | Inf              |
| 2577.5MHz_RB 1,#RB L             | Pass   | 6.90        | 20.65           | 20.65          | 0.116        | 2                 | 27.55         | 0.569       | Inf              |
| 2577.5MHz_RB 1,#RB M             | Pass   | 6.90        | 20.76           | 20.76          | 0.119        | 2                 | 27.66         | 0.583       | Inf              |
| 2577.5MHz_RB 1,#RB H             | Pass   | 6.90        | 20.76           | 20.76          | 0.119        | 2                 | 27.66         | 0.583       | Inf              |
| 2577.5MHz_RB 36,#RB L            | Pass   | 6.90        | 19.76           | 19.76          | 0.095        | 2                 | 26.66         | 0.463       | Inf              |
| 2577.5MHz_RB 36,#RB M            | Pass   | 6.90        | 19.54           | 19.54          | 0.090        | 2                 | 26.44         | 0.441       | Inf              |
| 2577.5MHz_RB 36,#RB H            | Pass   | 6.90        | 19.70           | 19.70          | 0.093        | 2                 | 26.60         | 0.457       | Inf              |
| 2595MHz_RB 75,#RB 0              | Pass   | 6.90        | 19.63           | 19.63          | 0.092        | 2                 | 26.53         | 0.450       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 20.54           | 20.54          | 0.113        | 2                 | 27.44         | 0.555       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 20.52           | 20.52          | 0.113        | 2                 | 27.42         | 0.552       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 20.33           | 20.33          | 0.108        | 2                 | 27.23         | 0.528       | Inf              |
| 2595MHz_RB 36,#RB L              | Pass   | 6.90        | 19.47           | 19.47          | 0.089        | 2                 | 26.37         | 0.434       | Inf              |
| 2595MHz_RB 36,#RB M              | Pass   | 6.90        | 19.44           | 19.44          | 0.088        | 2                 | 26.34         | 0.431       | Inf              |
| 2595MHz_RB 36,#RB H              | Pass   | 6.90        | 19.48           | 19.48          | 0.089        | 2                 | 26.38         | 0.435       | Inf              |

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2612.5MHz_RB 75,#RB 0            | Pass   | 6.90        | 19.60           | 19.60          | 0.091        | 2                 | 26.50         | 0.447       | Inf              |
| 2612.5MHz_RB 1,#RB L             | Pass   | 6.90        | 21.12           | 21.12          | 0.129        | 2                 | 28.02         | 0.634       | Inf              |
| 2612.5MHz_RB 1,#RB M             | Pass   | 6.90        | 20.93           | 20.93          | 0.124        | 2                 | 27.83         | 0.607       | Inf              |
| 2612.5MHz_RB 1,#RB H             | Pass   | 6.90        | 20.10           | 20.10          | 0.102        | 2                 | 27.00         | 0.501       | Inf              |
| 2612.5MHz_RB 36,#RB L            | Pass   | 6.90        | 19.76           | 19.76          | 0.095        | 2                 | 26.66         | 0.463       | Inf              |
| 2612.5MHz_RB 36,#RB M            | Pass   | 6.90        | 19.61           | 19.61          | 0.091        | 2                 | 26.51         | 0.448       | Inf              |
| 2612.5MHz_RB 36,#RB H            | Pass   | 6.90        | 19.42           | 19.42          | 0.087        | 2                 | 26.32         | 0.429       | Inf              |
| Band 38_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2580MHz_RB 100,#RB 0             | Pass   | 6.90        | 21.58           | 21.58          | 0.144        | 2                 | 28.48         | 0.705       | Inf              |
| 2580MHz_RB 1,#RB L               | Pass   | 6.90        | 22.55           | 22.55          | 0.180        | 2                 | 29.45         | 0.881       | Inf              |
| 2580MHz_RB 1,#RB M               | Pass   | 6.90        | 22.66           | 22.66          | 0.185        | 2                 | 29.56         | 0.904       | Inf              |
| 2580MHz_RB 1,#RB H               | Pass   | 6.90        | 22.40           | 22.40          | 0.174        | 2                 | 29.30         | 0.851       | Inf              |
| 2580MHz_RB 50,#RB L              | Pass   | 6.90        | 21.69           | 21.69          | 0.148        | 2                 | 28.59         | 0.723       | Inf              |
| 2580MHz_RB 50,#RB M              | Pass   | 6.90        | 21.72           | 21.72          | 0.149        | 2                 | 28.62         | 0.728       | Inf              |
| 2580MHz_RB 50,#RB H              | Pass   | 6.90        | 21.65           | 21.65          | 0.146        | 2                 | 28.55         | 0.716       | Inf              |
| 2595MHz_RB 100,#RB 0             | Pass   | 6.90        | 21.57           | 21.57          | 0.144        | 2                 | 28.47         | 0.703       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 22.61           | 22.61          | 0.182        | 2                 | 29.51         | 0.893       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 22.63           | 22.63          | 0.183        | 2                 | 29.53         | 0.897       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 22.46           | 22.46          | 0.176        | 2                 | 29.36         | 0.863       | Inf              |
| 2595MHz_RB 50,#RB L              | Pass   | 6.90        | 21.71           | 21.71          | 0.148        | 2                 | 28.61         | 0.726       | Inf              |
| 2595MHz_RB 50,#RB M              | Pass   | 6.90        | 21.60           | 21.60          | 0.145        | 2                 | 28.50         | 0.708       | Inf              |
| 2595MHz_RB 50,#RB H              | Pass   | 6.90        | 21.57           | 21.57          | 0.144        | 2                 | 28.47         | 0.703       | Inf              |
| 2610MHz_RB 100,#RB 0             | Pass   | 6.90        | 21.58           | 21.58          | 0.144        | 2                 | 28.48         | 0.705       | Inf              |
| 2610MHz_RB 1,#RB L               | Pass   | 6.90        | 22.83           | 22.83          | 0.192        | 2                 | 29.73         | 0.940       | Inf              |
| 2610MHz_RB 1,#RB M               | Pass   | 6.90        | 22.40           | 22.40          | 0.174        | 2                 | 29.30         | 0.851       | Inf              |
| 2610MHz_RB 1,#RB H               | Pass   | 6.90        | 22.92           | 22.92          | 0.196        | 2                 | 29.82         | 0.959       | Inf              |
| 2610MHz_RB 50,#RB L              | Pass   | 6.90        | 21.73           | 21.73          | 0.149        | 2                 | 28.63         | 0.729       | Inf              |
| 2610MHz_RB 50,#RB M              | Pass   | 6.90        | 21.50           | 21.50          | 0.141        | 2                 | 28.40         | 0.692       | Inf              |
| 2610MHz_RB 50,#RB H              | Pass   | 6.90        | 21.58           | 21.58          | 0.144        | 2                 | 28.48         | 0.705       | Inf              |
| Band 38_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2580MHz_RB 100,#RB 0             | Pass   | 6.90        | 20.64           | 20.64          | 0.116        | 2                 | 27.54         | 0.568       | Inf              |
| 2580MHz_RB 1,#RB L               | Pass   | 6.90        | 22.20           | 22.20          | 0.166        | 2                 | 29.10         | 0.813       | Inf              |
| 2580MHz_RB 1,#RB M               | Pass   | 6.90        | 21.76           | 21.76          | 0.150        | 2                 | 28.66         | 0.735       | Inf              |
| 2580MHz_RB 1,#RB H               | Pass   | 6.90        | 21.82           | 21.82          | 0.152        | 2                 | 28.72         | 0.745       | Inf              |
| 2580MHz_RB 50,#RB L              | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2580MHz_RB 50,#RB M              | Pass   | 6.90        | 20.79           | 20.79          | 0.120        | 2                 | 27.69         | 0.587       | Inf              |
| 2580MHz_RB 50,#RB H              | Pass   | 6.90        | 20.76           | 20.76          | 0.119        | 2                 | 27.66         | 0.583       | Inf              |
| 2595MHz_RB 100,#RB 0             | Pass   | 6.90        | 20.61           | 20.61          | 0.115        | 2                 | 27.51         | 0.564       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 22.08           | 22.08          | 0.161        | 2                 | 28.98         | 0.791       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 21.59           | 21.59          | 0.144        | 2                 | 28.49         | 0.706       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 22.05           | 22.05          | 0.160        | 2                 | 28.95         | 0.785       | Inf              |
| 2595MHz_RB 50,#RB L              | Pass   | 6.90        | 20.73           | 20.73          | 0.118        | 2                 | 27.63         | 0.579       | Inf              |
| 2595MHz_RB 50,#RB M              | Pass   | 6.90        | 20.99           | 20.99          | 0.126        | 2                 | 27.89         | 0.615       | Inf              |
| 2595MHz_RB 50,#RB H              | Pass   | 6.90        | 20.78           | 20.78          | 0.120        | 2                 | 27.68         | 0.586       | Inf              |
| 2610MHz_RB 100,#RB 0             | Pass   | 6.90        | 20.65           | 20.65          | 0.116        | 2                 | 27.55         | 0.569       | Inf              |
| 2610MHz_RB 1,#RB L               | Pass   | 6.90        | 21.72           | 21.72          | 0.149        | 2                 | 28.62         | 0.728       | Inf              |
| 2610MHz_RB 1,#RB M               | Pass   | 6.90        | 21.71           | 21.71          | 0.148        | 2                 | 28.61         | 0.726       | Inf              |
| 2610MHz_RB 1,#RB H               | Pass   | 6.90        | 22.45           | 22.45          | 0.176        | 2                 | 29.35         | 0.861       | Inf              |



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2610MHz_RB 50,#RB L              | Pass   | 6.90        | 20.81           | 20.81          | 0.121        | 2                 | 27.71         | 0.590       | Inf              |
| 2610MHz_RB 50,#RB M              | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2610MHz_RB 50,#RB H              | Pass   | 6.90        | 20.48           | 20.48          | 0.112        | 2                 | 27.38         | 0.547       | Inf              |
| Band 38_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| 2580MHz_RB 100,#RB 0             | Pass   | 6.90        | 19.68           | 19.68          | 0.093        | 2                 | 26.58         | 0.455       | Inf              |
| 2580MHz_RB 1,#RB L               | Pass   | 6.90        | 20.27           | 20.27          | 0.106        | 2                 | 27.17         | 0.521       | Inf              |
| 2580MHz_RB 1,#RB M               | Pass   | 6.90        | 20.62           | 20.62          | 0.115        | 2                 | 27.52         | 0.565       | Inf              |
| 2580MHz_RB 1,#RB H               | Pass   | 6.90        | 20.97           | 20.97          | 0.125        | 2                 | 27.87         | 0.612       | Inf              |
| 2580MHz_RB 50,#RB L              | Pass   | 6.90        | 19.66           | 19.66          | 0.092        | 2                 | 26.56         | 0.453       | Inf              |
| 2580MHz_RB 50,#RB M              | Pass   | 6.90        | 19.68           | 19.68          | 0.093        | 2                 | 26.58         | 0.455       | Inf              |
| 2580MHz_RB 50,#RB H              | Pass   | 6.90        | 19.65           | 19.65          | 0.092        | 2                 | 26.55         | 0.452       | Inf              |
| 2595MHz_RB 100,#RB 0             | Pass   | 6.90        | 19.61           | 19.61          | 0.091        | 2                 | 26.51         | 0.448       | Inf              |
| 2595MHz_RB 1,#RB L               | Pass   | 6.90        | 20.78           | 20.78          | 0.120        | 2                 | 27.68         | 0.586       | Inf              |
| 2595MHz_RB 1,#RB M               | Pass   | 6.90        | 19.93           | 19.93          | 0.098        | 2                 | 26.83         | 0.482       | Inf              |
| 2595MHz_RB 1,#RB H               | Pass   | 6.90        | 21.18           | 21.18          | 0.131        | 2                 | 28.08         | 0.643       | Inf              |
| 2595MHz_RB 50,#RB L              | Pass   | 6.90        | 19.85           | 19.85          | 0.097        | 2                 | 26.75         | 0.473       | Inf              |
| 2595MHz_RB 50,#RB M              | Pass   | 6.90        | 19.57           | 19.57          | 0.091        | 2                 | 26.47         | 0.444       | Inf              |
| 2595MHz_RB 50,#RB H              | Pass   | 6.90        | 19.45           | 19.45          | 0.088        | 2                 | 26.35         | 0.432       | Inf              |
| 2610MHz_RB 100,#RB 0             | Pass   | 6.90        | 19.65           | 19.65          | 0.092        | 2                 | 26.55         | 0.452       | Inf              |
| 2610MHz_RB 1,#RB L               | Pass   | 6.90        | 20.92           | 20.92          | 0.124        | 2                 | 27.82         | 0.605       | Inf              |
| 2610MHz_RB 1,#RB M               | Pass   | 6.90        | 21.11           | 21.11          | 0.129        | 2                 | 28.01         | 0.632       | Inf              |
| 2610MHz_RB 1,#RB H               | Pass   | 6.90        | 20.58           | 20.58          | 0.114        | 2                 | 27.48         | 0.560       | Inf              |
| 2610MHz_RB 50,#RB L              | Pass   | 6.90        | 19.55           | 19.55          | 0.090        | 2                 | 26.45         | 0.442       | Inf              |
| 2610MHz_RB 50,#RB M              | Pass   | 6.90        | 19.94           | 19.94          | 0.099        | 2                 | 26.84         | 0.483       | Inf              |
| 2610MHz_RB 50,#RB H              | Pass   | 6.90        | 19.72           | 19.72          | 0.094        | 2                 | 26.62         | 0.459       | Inf              |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------|----------------|--------------|---------------|-------------|
| Band 41                  | -              | -            | -             | -           |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.72          | 0.187        | 29.92         | 0.982       |
| LTE_5MHz_Nss1,16QAM_1TX  | 21.96          | 0.157        | 29.16         | 0.824       |
| LTE_5MHz_Nss1,64QAM_1TX  | 21.24          | 0.133        | 28.44         | 0.698       |
| LTE_10MHz_Nss1,QPSK_1TX  | 22.81          | 0.191        | 30.01         | 1.002       |
| LTE_10MHz_Nss1,16QAM_1TX | 22.00          | 0.158        | 29.20         | 0.832       |
| LTE_10MHz_Nss1,64QAM_1TX | 21.38          | 0.137        | 28.58         | 0.721       |
| LTE_15MHz_Nss1,QPSK_1TX  | 23.16          | 0.207        | 30.36         | 1.086       |
| LTE_15MHz_Nss1,16QAM_1TX | 21.96          | 0.157        | 29.16         | 0.824       |
| LTE_15MHz_Nss1,64QAM_1TX | 20.94          | 0.124        | 28.14         | 0.652       |
| LTE_20MHz_Nss1,QPSK_1TX  | 23.33          | 0.215        | 30.53         | 1.130       |
| LTE_20MHz_Nss1,16QAM_1TX | 22.40          | 0.174        | 29.60         | 0.912       |
| LTE_20MHz_Nss1,64QAM_1TX | 21.11          | 0.129        | 28.31         | 0.678       |



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| Band 41_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2498.5MHz_RB 25,#RB 0           | Pass   | 7.20        | 21.24           | 21.24          | 0.133        | 2                | 28.44         | 0.698       | Inf              |
| 2498.5MHz_RB 1,#RB L            | Pass   | 7.20        | 22.69           | 22.69          | 0.186        | 2                | 29.89         | 0.975       | Inf              |
| 2498.5MHz_RB 1,#RB M            | Pass   | 7.20        | 22.47           | 22.47          | 0.177        | 2                | 29.67         | 0.927       | Inf              |
| 2498.5MHz_RB 1,#RB H            | Pass   | 7.20        | 21.96           | 21.96          | 0.157        | 2                | 29.16         | 0.824       | Inf              |
| 2498.5MHz_RB 12,#RB L           | Pass   | 7.20        | 21.25           | 21.25          | 0.133        | 2                | 28.45         | 0.700       | Inf              |
| 2498.5MHz_RB 12,#RB M           | Pass   | 7.20        | 21.24           | 21.24          | 0.133        | 2                | 28.44         | 0.698       | Inf              |
| 2498.5MHz_RB 12,#RB H           | Pass   | 7.20        | 21.01           | 21.01          | 0.126        | 2                | 28.21         | 0.662       | Inf              |
| 2593MHz_RB 25,#RB 0             | Pass   | 7.20        | 21.38           | 21.38          | 0.137        | 2                | 28.58         | 0.721       | Inf              |
| 2593MHz_RB 1,#RB L              | Pass   | 7.20        | 22.72           | 22.72          | 0.187        | 2                | 29.92         | 0.982       | Inf              |
| 2593MHz_RB 1,#RB M              | Pass   | 7.20        | 22.69           | 22.69          | 0.186        | 2                | 29.89         | 0.975       | Inf              |
| 2593MHz_RB 1,#RB H              | Pass   | 7.20        | 22.35           | 22.35          | 0.172        | 2                | 29.55         | 0.902       | Inf              |
| 2593MHz_RB 12,#RB L             | Pass   | 7.20        | 20.86           | 20.86          | 0.122        | 2                | 28.06         | 0.640       | Inf              |
| 2593MHz_RB 12,#RB M             | Pass   | 7.20        | 21.17           | 21.17          | 0.131        | 2                | 28.37         | 0.687       | Inf              |
| 2593MHz_RB 12,#RB H             | Pass   | 7.20        | 21.70           | 21.70          | 0.148        | 2                | 28.90         | 0.776       | Inf              |
| 2687.5MHz_RB 25,#RB 0           | Pass   | 7.20        | 21.11           | 21.11          | 0.129        | 2                | 28.31         | 0.678       | Inf              |
| 2687.5MHz_RB 1,#RB L            | Pass   | 7.20        | 22.38           | 22.38          | 0.173        | 2                | 29.58         | 0.908       | Inf              |
| 2687.5MHz_RB 1,#RB M            | Pass   | 7.20        | 22.41           | 22.41          | 0.174        | 2                | 29.61         | 0.914       | Inf              |
| 2687.5MHz_RB 1,#RB H            | Pass   | 7.20        | 22.01           | 22.01          | 0.159        | 2                | 29.21         | 0.834       | Inf              |
| 2687.5MHz_RB 12,#RB L           | Pass   | 7.20        | 21.26           | 21.26          | 0.134        | 2                | 28.46         | 0.701       | Inf              |
| 2687.5MHz_RB 12,#RB M           | Pass   | 7.20        | 20.98           | 20.98          | 0.125        | 2                | 28.18         | 0.658       | Inf              |
| 2687.5MHz_RB 12,#RB H           | Pass   | 7.20        | 21.12           | 21.12          | 0.129        | 2                | 28.32         | 0.679       | Inf              |
| Band 41_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2498.5MHz_RB 25,#RB 0           | Pass   | 7.20        | 20.32           | 20.32          | 0.108        | 2                | 27.52         | 0.565       | Inf              |
| 2498.5MHz_RB 1,#RB L            | Pass   | 7.20        | 21.78           | 21.78          | 0.151        | 2                | 28.98         | 0.791       | Inf              |
| 2498.5MHz_RB 1,#RB M            | Pass   | 7.20        | 21.96           | 21.96          | 0.157        | 2                | 29.16         | 0.824       | Inf              |
| 2498.5MHz_RB 1,#RB H            | Pass   | 7.20        | 21.49           | 21.49          | 0.141        | 2                | 28.69         | 0.740       | Inf              |
| 2498.5MHz_RB 12,#RB L           | Pass   | 7.20        | 20.36           | 20.36          | 0.109        | 2                | 27.56         | 0.570       | Inf              |
| 2498.5MHz_RB 12,#RB M           | Pass   | 7.20        | 20.31           | 20.31          | 0.107        | 2                | 27.51         | 0.564       | Inf              |
| 2498.5MHz_RB 12,#RB H           | Pass   | 7.20        | 20.70           | 20.70          | 0.117        | 2                | 27.90         | 0.617       | Inf              |
| 2593MHz_RB 25,#RB 0             | Pass   | 7.20        | 20.55           | 20.55          | 0.114        | 2                | 27.75         | 0.596       | Inf              |
| 2593MHz_RB 1,#RB L              | Pass   | 7.20        | 21.50           | 21.50          | 0.141        | 2                | 28.70         | 0.741       | Inf              |
| 2593MHz_RB 1,#RB M              | Pass   | 7.20        | 21.78           | 21.78          | 0.151        | 2                | 28.98         | 0.791       | Inf              |
| 2593MHz_RB 1,#RB H              | Pass   | 7.20        | 20.80           | 20.80          | 0.120        | 2                | 28.00         | 0.631       | Inf              |
| 2593MHz_RB 12,#RB L             | Pass   | 7.20        | 20.67           | 20.67          | 0.117        | 2                | 27.87         | 0.612       | Inf              |
| 2593MHz_RB 12,#RB M             | Pass   | 7.20        | 20.60           | 20.60          | 0.115        | 2                | 27.80         | 0.603       | Inf              |
| 2593MHz_RB 12,#RB H             | Pass   | 7.20        | 20.34           | 20.34          | 0.108        | 2                | 27.54         | 0.568       | Inf              |
| 2687.5MHz_RB 25,#RB 0           | Pass   | 7.20        | 20.21           | 20.21          | 0.105        | 2                | 27.41         | 0.551       | Inf              |
| 2687.5MHz_RB 1,#RB L            | Pass   | 7.20        | 21.69           | 21.69          | 0.148        | 2                | 28.89         | 0.774       | Inf              |
| 2687.5MHz_RB 1,#RB M            | Pass   | 7.20        | 21.84           | 21.84          | 0.153        | 2                | 29.04         | 0.802       | Inf              |
| 2687.5MHz_RB 1,#RB H            | Pass   | 7.20        | 21.43           | 21.43          | 0.139        | 2                | 28.63         | 0.729       | Inf              |
| 2687.5MHz_RB 12,#RB L           | Pass   | 7.20        | 20.26           | 20.26          | 0.106        | 2                | 27.46         | 0.557       | Inf              |
| 2687.5MHz_RB 12,#RB M           | Pass   | 7.20        | 20.19           | 20.19          | 0.104        | 2                | 27.39         | 0.548       | Inf              |
| 2687.5MHz_RB 12,#RB H           | Pass   | 7.20        | 20.29           | 20.29          | 0.107        | 2                | 27.49         | 0.561       | Inf              |
| Band 41_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2498.5MHz_RB 25,#RB 0           | Pass   | 7.20        | 19.38           | 19.38          | 0.087        | 2                | 26.58         | 0.455       | Inf              |
| 2498.5MHz_RB 1,#RB L            | Pass   | 7.20        | 20.53           | 20.53          | 0.113        | 2                | 27.73         | 0.593       | Inf              |

## Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| 2498.5MHz_RB 1,#RB M             | Pass   | 7.20        | 20.61           | 20.61          | 0.115        | 2                | 27.81         | 0.604       | Inf              |
| 2498.5MHz_RB 1,#RB H             | Pass   | 7.20        | 19.86           | 19.86          | 0.097        | 2                | 27.06         | 0.508       | Inf              |
| 2498.5MHz_RB 12,#RB L            | Pass   | 7.20        | 19.24           | 19.24          | 0.084        | 2                | 26.44         | 0.441       | Inf              |
| 2498.5MHz_RB 12,#RB M            | Pass   | 7.20        | 19.78           | 19.78          | 0.095        | 2                | 26.98         | 0.499       | Inf              |
| 2498.5MHz_RB 12,#RB H            | Pass   | 7.20        | 19.29           | 19.29          | 0.085        | 2                | 26.49         | 0.446       | Inf              |
| 2593MHz_RB 25,#RB 0              | Pass   | 7.20        | 19.50           | 19.50          | 0.089        | 2                | 26.70         | 0.468       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 20.57           | 20.57          | 0.114        | 2                | 27.77         | 0.598       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 21.24           | 21.24          | 0.133        | 2                | 28.44         | 0.698       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 20.01           | 20.01          | 0.100        | 2                | 27.21         | 0.526       | Inf              |
| 2593MHz_RB 12,#RB L              | Pass   | 7.20        | 19.29           | 19.29          | 0.085        | 2                | 26.49         | 0.446       | Inf              |
| 2593MHz_RB 12,#RB M              | Pass   | 7.20        | 19.71           | 19.71          | 0.094        | 2                | 26.91         | 0.491       | Inf              |
| 2593MHz_RB 12,#RB H              | Pass   | 7.20        | 19.76           | 19.76          | 0.095        | 2                | 26.96         | 0.497       | Inf              |
| 2687.5MHz_RB 25,#RB 0            | Pass   | 7.20        | 19.14           | 19.14          | 0.082        | 2                | 26.34         | 0.431       | Inf              |
| 2687.5MHz_RB 1,#RB L             | Pass   | 7.20        | 20.58           | 20.58          | 0.114        | 2                | 27.78         | 0.600       | Inf              |
| 2687.5MHz_RB 1,#RB M             | Pass   | 7.20        | 20.17           | 20.17          | 0.104        | 2                | 27.37         | 0.546       | Inf              |
| 2687.5MHz_RB 1,#RB H             | Pass   | 7.20        | 20.37           | 20.37          | 0.109        | 2                | 27.57         | 0.571       | Inf              |
| 2687.5MHz_RB 12,#RB L            | Pass   | 7.20        | 19.25           | 19.25          | 0.084        | 2                | 26.45         | 0.442       | Inf              |
| 2687.5MHz_RB 12,#RB M            | Pass   | 7.20        | 19.30           | 19.30          | 0.085        | 2                | 26.50         | 0.447       | Inf              |
| 2687.5MHz_RB 12,#RB H            | Pass   | 7.20        | 19.25           | 19.25          | 0.084        | 2                | 26.45         | 0.442       | Inf              |
| Band 41_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2501MHz_RB 50,#RB 0              | Pass   | 7.20        | 21.13           | 21.13          | 0.130        | 2                | 28.33         | 0.681       | Inf              |
| 2501MHz_RB 1,#RB L               | Pass   | 7.20        | 22.13           | 22.13          | 0.163        | 2                | 29.33         | 0.857       | Inf              |
| 2501MHz_RB 1,#RB M               | Pass   | 7.20        | 22.50           | 22.50          | 0.178        | 2                | 29.70         | 0.933       | Inf              |
| 2501MHz_RB 1,#RB H               | Pass   | 7.20        | 22.09           | 22.09          | 0.162        | 2                | 29.29         | 0.849       | Inf              |
| 2501MHz_RB 25,#RB L              | Pass   | 7.20        | 21.17           | 21.17          | 0.131        | 2                | 28.37         | 0.687       | Inf              |
| 2501MHz_RB 25,#RB M              | Pass   | 7.20        | 21.21           | 21.21          | 0.132        | 2                | 28.41         | 0.693       | Inf              |
| 2501MHz_RB 25,#RB H              | Pass   | 7.20        | 21.26           | 21.26          | 0.134        | 2                | 28.46         | 0.701       | Inf              |
| 2593MHz_RB 50,#RB 0              | Pass   | 7.20        | 21.46           | 21.46          | 0.140        | 2                | 28.66         | 0.735       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 22.81           | 22.81          | 0.191        | 2                | 30.01         | 1.002       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 22.46           | 22.46          | 0.176        | 2                | 29.66         | 0.925       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 22.70           | 22.70          | 0.186        | 2                | 29.90         | 0.977       | Inf              |
| 2593MHz_RB 25,#RB L              | Pass   | 7.20        | 21.59           | 21.59          | 0.144        | 2                | 28.79         | 0.757       | Inf              |
| 2593MHz_RB 25,#RB M              | Pass   | 7.20        | 21.34           | 21.34          | 0.136        | 2                | 28.54         | 0.714       | Inf              |
| 2593MHz_RB 25,#RB H              | Pass   | 7.20        | 21.57           | 21.57          | 0.144        | 2                | 28.77         | 0.753       | Inf              |
| 2685MHz_RB 50,#RB 0              | Pass   | 7.20        | 21.10           | 21.10          | 0.129        | 2                | 28.30         | 0.676       | Inf              |
| 2685MHz_RB 1,#RB L               | Pass   | 7.20        | 22.19           | 22.19          | 0.166        | 2                | 29.39         | 0.869       | Inf              |
| 2685MHz_RB 1,#RB M               | Pass   | 7.20        | 21.21           | 21.21          | 0.132        | 2                | 28.41         | 0.693       | Inf              |
| 2685MHz_RB 1,#RB H               | Pass   | 7.20        | 22.48           | 22.48          | 0.177        | 2                | 29.68         | 0.929       | Inf              |
| 2685MHz_RB 25,#RB L              | Pass   | 7.20        | 21.16           | 21.16          | 0.131        | 2                | 28.36         | 0.685       | Inf              |
| 2685MHz_RB 25,#RB M              | Pass   | 7.20        | 21.46           | 21.46          | 0.140        | 2                | 28.66         | 0.735       | Inf              |
| 2685MHz_RB 25,#RB H              | Pass   | 7.20        | 20.96           | 20.96          | 0.125        | 2                | 28.16         | 0.655       | Inf              |
| Band 41_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2501MHz_RB 50,#RB 0              | Pass   | 7.20        | 20.24           | 20.24          | 0.106        | 2                | 27.44         | 0.555       | Inf              |
| 2501MHz_RB 1,#RB L               | Pass   | 7.20        | 21.74           | 21.74          | 0.149        | 2                | 28.94         | 0.783       | Inf              |
| 2501MHz_RB 1,#RB M               | Pass   | 7.20        | 21.65           | 21.65          | 0.146        | 2                | 28.85         | 0.767       | Inf              |
| 2501MHz_RB 1,#RB H               | Pass   | 7.20        | 21.01           | 21.01          | 0.126        | 2                | 28.21         | 0.662       | Inf              |
| 2501MHz_RB 25,#RB L              | Pass   | 7.20        | 20.33           | 20.33          | 0.108        | 2                | 27.53         | 0.566       | Inf              |
| 2501MHz_RB 25,#RB M              | Pass   | 7.20        | 20.40           | 20.40          | 0.110        | 2                | 27.60         | 0.575       | Inf              |

Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| 2501MHz_RB 25,#RB H              | Pass   | 7.20        | 20.36           | 20.36          | 0.109        | 2                | 27.56         | 0.570       | Inf              |
| 2593MHz_RB 50,#RB 0              | Pass   | 7.20        | 20.56           | 20.56          | 0.114        | 2                | 27.76         | 0.597       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 22.00           | 22.00          | 0.158        | 2                | 29.20         | 0.832       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 21.48           | 21.48          | 0.141        | 2                | 28.68         | 0.738       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 21.87           | 21.87          | 0.154        | 2                | 29.07         | 0.807       | Inf              |
| 2593MHz_RB 25,#RB L              | Pass   | 7.20        | 20.69           | 20.69          | 0.117        | 2                | 27.89         | 0.615       | Inf              |
| 2593MHz_RB 25,#RB M              | Pass   | 7.20        | 20.55           | 20.55          | 0.114        | 2                | 27.75         | 0.596       | Inf              |
| 2593MHz_RB 25,#RB H              | Pass   | 7.20        | 20.49           | 20.49          | 0.112        | 2                | 27.69         | 0.587       | Inf              |
| 2685MHz_RB 50,#RB 0              | Pass   | 7.20        | 20.52           | 20.52          | 0.113        | 2                | 27.72         | 0.592       | Inf              |
| 2685MHz_RB 1,#RB L               | Pass   | 7.20        | 20.80           | 20.80          | 0.120        | 2                | 28.00         | 0.631       | Inf              |
| 2685MHz_RB 1,#RB M               | Pass   | 7.20        | 21.01           | 21.01          | 0.126        | 2                | 28.21         | 0.662       | Inf              |
| 2685MHz_RB 1,#RB H               | Pass   | 7.20        | 21.41           | 21.41          | 0.138        | 2                | 28.61         | 0.726       | Inf              |
| 2685MHz_RB 25,#RB L              | Pass   | 7.20        | 20.39           | 20.39          | 0.109        | 2                | 27.59         | 0.574       | Inf              |
| 2685MHz_RB 25,#RB M              | Pass   | 7.20        | 20.32           | 20.32          | 0.108        | 2                | 27.52         | 0.565       | Inf              |
| 2685MHz_RB 25,#RB H              | Pass   | 7.20        | 20.48           | 20.48          | 0.112        | 2                | 27.68         | 0.586       | Inf              |
| Band 41_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2501MHz_RB 50,#RB 0              | Pass   | 7.20        | 19.42           | 19.42          | 0.087        | 2                | 26.62         | 0.459       | Inf              |
| 2501MHz_RB 1,#RB L               | Pass   | 7.20        | 20.44           | 20.44          | 0.111        | 2                | 27.64         | 0.581       | Inf              |
| 2501MHz_RB 1,#RB M               | Pass   | 7.20        | 20.20           | 20.20          | 0.105        | 2                | 27.40         | 0.550       | Inf              |
| 2501MHz_RB 1,#RB H               | Pass   | 7.20        | 20.36           | 20.36          | 0.109        | 2                | 27.56         | 0.570       | Inf              |
| 2501MHz_RB 25,#RB L              | Pass   | 7.20        | 19.43           | 19.43          | 0.088        | 2                | 26.63         | 0.460       | Inf              |
| 2501MHz_RB 25,#RB M              | Pass   | 7.20        | 19.49           | 19.49          | 0.089        | 2                | 26.69         | 0.467       | Inf              |
| 2501MHz_RB 25,#RB H              | Pass   | 7.20        | 19.19           | 19.19          | 0.083        | 2                | 26.39         | 0.436       | Inf              |
| 2593MHz_RB 50,#RB 0              | Pass   | 7.20        | 19.64           | 19.64          | 0.092        | 2                | 26.84         | 0.483       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 21.38           | 21.38          | 0.137        | 2                | 28.58         | 0.721       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 20.69           | 20.69          | 0.117        | 2                | 27.89         | 0.615       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 20.69           | 20.69          | 0.117        | 2                | 27.89         | 0.615       | Inf              |
| 2593MHz_RB 25,#RB L              | Pass   | 7.20        | 19.53           | 19.53          | 0.090        | 2                | 26.73         | 0.471       | Inf              |
| 2593MHz_RB 25,#RB M              | Pass   | 7.20        | 19.62           | 19.62          | 0.092        | 2                | 26.82         | 0.481       | Inf              |
| 2593MHz_RB 25,#RB H              | Pass   | 7.20        | 19.53           | 19.53          | 0.090        | 2                | 26.73         | 0.471       | Inf              |
| 2685MHz_RB 50,#RB 0              | Pass   | 7.20        | 19.12           | 19.12          | 0.082        | 2                | 26.32         | 0.429       | Inf              |
| 2685MHz_RB 1,#RB L               | Pass   | 7.20        | 20.03           | 20.03          | 0.101        | 2                | 27.23         | 0.528       | Inf              |
| 2685MHz_RB 1,#RB M               | Pass   | 7.20        | 20.43           | 20.43          | 0.110        | 2                | 27.63         | 0.579       | Inf              |
| 2685MHz_RB 1,#RB H               | Pass   | 7.20        | 20.38           | 20.38          | 0.109        | 2                | 27.58         | 0.573       | Inf              |
| 2685MHz_RB 25,#RB L              | Pass   | 7.20        | 19.14           | 19.14          | 0.082        | 2                | 26.34         | 0.431       | Inf              |
| 2685MHz_RB 25,#RB M              | Pass   | 7.20        | 19.50           | 19.50          | 0.089        | 2                | 26.70         | 0.468       | Inf              |
| 2685MHz_RB 25,#RB H              | Pass   | 7.20        | 19.35           | 19.35          | 0.086        | 2                | 26.55         | 0.452       | Inf              |
| Band 41_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2503.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 21.29           | 21.29          | 0.135        | 2                | 28.49         | 0.706       | Inf              |
| 2503.5MHz_RB 1,#RB L             | Pass   | 7.20        | 21.59           | 21.59          | 0.144        | 2                | 28.79         | 0.757       | Inf              |
| 2503.5MHz_RB 1,#RB M             | Pass   | 7.20        | 22.67           | 22.67          | 0.185        | 2                | 29.87         | 0.971       | Inf              |
| 2503.5MHz_RB 1,#RB H             | Pass   | 7.20        | 22.37           | 22.37          | 0.173        | 2                | 29.57         | 0.906       | Inf              |
| 2503.5MHz_RB 36,#RB L            | Pass   | 7.20        | 21.23           | 21.23          | 0.133        | 2                | 28.43         | 0.697       | Inf              |
| 2503.5MHz_RB 36,#RB M            | Pass   | 7.20        | 21.27           | 21.27          | 0.134        | 2                | 28.47         | 0.703       | Inf              |
| 2503.5MHz_RB 36,#RB H            | Pass   | 7.20        | 21.22           | 21.22          | 0.132        | 2                | 28.42         | 0.695       | Inf              |
| 2593MHz_RB 75,#RB 0              | Pass   | 7.20        | 21.47           | 21.47          | 0.140        | 2                | 28.67         | 0.736       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 23.16           | 23.16          | 0.207        | 2                | 30.36         | 1.086       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 22.50           | 22.50          | 0.178        | 2                | 29.70         | 0.933       | Inf              |

Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 22.24           | 22.24          | 0.167        | 2                | 29.44         | 0.879       | Inf              |
| 2593MHz_RB 36,#RB L              | Pass   | 7.20        | 21.29           | 21.29          | 0.135        | 2                | 28.49         | 0.706       | Inf              |
| 2593MHz_RB 36,#RB M              | Pass   | 7.20        | 21.30           | 21.30          | 0.135        | 2                | 28.50         | 0.708       | Inf              |
| 2593MHz_RB 36,#RB H              | Pass   | 7.20        | 21.36           | 21.36          | 0.137        | 2                | 28.56         | 0.718       | Inf              |
| 2682.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 21.11           | 21.11          | 0.129        | 2                | 28.31         | 0.678       | Inf              |
| 2682.5MHz_RB 1,#RB L             | Pass   | 7.20        | 22.51           | 22.51          | 0.178        | 2                | 29.71         | 0.935       | Inf              |
| 2682.5MHz_RB 1,#RB M             | Pass   | 7.20        | 22.02           | 22.02          | 0.159        | 2                | 29.22         | 0.836       | Inf              |
| 2682.5MHz_RB 1,#RB H             | Pass   | 7.20        | 21.88           | 21.88          | 0.154        | 2                | 29.08         | 0.809       | Inf              |
| 2682.5MHz_RB 36,#RB L            | Pass   | 7.20        | 21.08           | 21.08          | 0.128        | 2                | 28.28         | 0.673       | Inf              |
| 2682.5MHz_RB 36,#RB M            | Pass   | 7.20        | 21.10           | 21.10          | 0.129        | 2                | 28.30         | 0.676       | Inf              |
| 2682.5MHz_RB 36,#RB H            | Pass   | 7.20        | 21.01           | 21.01          | 0.126        | 2                | 28.21         | 0.662       | Inf              |
| Band 41_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2503.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 20.17           | 20.17          | 0.104        | 2                | 27.37         | 0.546       | Inf              |
| 2503.5MHz_RB 1,#RB L             | Pass   | 7.20        | 21.22           | 21.22          | 0.132        | 2                | 28.42         | 0.695       | Inf              |
| 2503.5MHz_RB 1,#RB M             | Pass   | 7.20        | 21.96           | 21.96          | 0.157        | 2                | 29.16         | 0.824       | Inf              |
| 2503.5MHz_RB 1,#RB H             | Pass   | 7.20        | 21.44           | 21.44          | 0.139        | 2                | 28.64         | 0.731       | Inf              |
| 2503.5MHz_RB 36,#RB L            | Pass   | 7.20        | 20.44           | 20.44          | 0.111        | 2                | 27.64         | 0.581       | Inf              |
| 2503.5MHz_RB 36,#RB M            | Pass   | 7.20        | 20.35           | 20.35          | 0.108        | 2                | 27.55         | 0.569       | Inf              |
| 2503.5MHz_RB 36,#RB H            | Pass   | 7.20        | 20.41           | 20.41          | 0.110        | 2                | 27.61         | 0.577       | Inf              |
| 2593MHz_RB 75,#RB 0              | Pass   | 7.20        | 20.58           | 20.58          | 0.114        | 2                | 27.78         | 0.600       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 21.69           | 21.69          | 0.148        | 2                | 28.89         | 0.774       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 20.75           | 20.75          | 0.119        | 2                | 27.95         | 0.624       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 21.16           | 21.16          | 0.131        | 2                | 28.36         | 0.685       | Inf              |
| 2593MHz_RB 36,#RB L              | Pass   | 7.20        | 20.72           | 20.72          | 0.118        | 2                | 27.92         | 0.619       | Inf              |
| 2593MHz_RB 36,#RB M              | Pass   | 7.20        | 20.47           | 20.47          | 0.111        | 2                | 27.67         | 0.585       | Inf              |
| 2593MHz_RB 36,#RB H              | Pass   | 7.20        | 20.22           | 20.22          | 0.105        | 2                | 27.42         | 0.552       | Inf              |
| 2682.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 20.25           | 20.25          | 0.106        | 2                | 27.45         | 0.556       | Inf              |
| 2682.5MHz_RB 1,#RB L             | Pass   | 7.20        | 21.67           | 21.67          | 0.147        | 2                | 28.87         | 0.771       | Inf              |
| 2682.5MHz_RB 1,#RB M             | Pass   | 7.20        | 21.51           | 21.51          | 0.142        | 2                | 28.71         | 0.743       | Inf              |
| 2682.5MHz_RB 1,#RB H             | Pass   | 7.20        | 21.29           | 21.29          | 0.135        | 2                | 28.49         | 0.706       | Inf              |
| 2682.5MHz_RB 36,#RB L            | Pass   | 7.20        | 20.15           | 20.15          | 0.104        | 2                | 27.35         | 0.543       | Inf              |
| 2682.5MHz_RB 36,#RB M            | Pass   | 7.20        | 20.23           | 20.23          | 0.105        | 2                | 27.43         | 0.553       | Inf              |
| 2682.5MHz_RB 36,#RB H            | Pass   | 7.20        | 20.15           | 20.15          | 0.104        | 2                | 27.35         | 0.543       | Inf              |
| Band 41_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2503.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 19.42           | 19.42          | 0.087        | 2                | 26.62         | 0.459       | Inf              |
| 2503.5MHz_RB 1,#RB L             | Pass   | 7.20        | 20.20           | 20.20          | 0.105        | 2                | 27.40         | 0.550       | Inf              |
| 2503.5MHz_RB 1,#RB M             | Pass   | 7.20        | 20.58           | 20.58          | 0.114        | 2                | 27.78         | 0.600       | Inf              |
| 2503.5MHz_RB 1,#RB H             | Pass   | 7.20        | 20.59           | 20.59          | 0.115        | 2                | 27.79         | 0.601       | Inf              |
| 2503.5MHz_RB 36,#RB L            | Pass   | 7.20        | 19.52           | 19.52          | 0.090        | 2                | 26.72         | 0.470       | Inf              |
| 2503.5MHz_RB 36,#RB M            | Pass   | 7.20        | 19.20           | 19.20          | 0.083        | 2                | 26.40         | 0.437       | Inf              |
| 2503.5MHz_RB 36,#RB H            | Pass   | 7.20        | 19.37           | 19.37          | 0.086        | 2                | 26.57         | 0.454       | Inf              |
| 2593MHz_RB 75,#RB 0              | Pass   | 7.20        | 19.55           | 19.55          | 0.090        | 2                | 26.75         | 0.473       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 20.17           | 20.17          | 0.104        | 2                | 27.37         | 0.546       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 20.50           | 20.50          | 0.112        | 2                | 27.70         | 0.589       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 20.94           | 20.94          | 0.124        | 2                | 28.14         | 0.652       | Inf              |
| 2593MHz_RB 36,#RB L              | Pass   | 7.20        | 19.20           | 19.20          | 0.083        | 2                | 26.40         | 0.437       | Inf              |
| 2593MHz_RB 36,#RB M              | Pass   | 7.20        | 19.67           | 19.67          | 0.093        | 2                | 26.87         | 0.486       | Inf              |
| 2593MHz_RB 36,#RB H              | Pass   | 7.20        | 19.53           | 19.53          | 0.090        | 2                | 26.73         | 0.471       | Inf              |



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| 2682.5MHz_RB 75,#RB 0            | Pass   | 7.20        | 19.23           | 19.23          | 0.084        | 2                | 26.43         | 0.440       | Inf              |
| 2682.5MHz_RB 1,#RB L             | Pass   | 7.20        | 20.32           | 20.32          | 0.108        | 2                | 27.52         | 0.565       | Inf              |
| 2682.5MHz_RB 1,#RB M             | Pass   | 7.20        | 20.35           | 20.35          | 0.108        | 2                | 27.55         | 0.569       | Inf              |
| 2682.5MHz_RB 1,#RB H             | Pass   | 7.20        | 20.23           | 20.23          | 0.105        | 2                | 27.43         | 0.553       | Inf              |
| 2682.5MHz_RB 36,#RB L            | Pass   | 7.20        | 19.34           | 19.34          | 0.086        | 2                | 26.54         | 0.451       | Inf              |
| 2682.5MHz_RB 36,#RB M            | Pass   | 7.20        | 19.29           | 19.29          | 0.085        | 2                | 26.49         | 0.446       | Inf              |
| 2682.5MHz_RB 36,#RB H            | Pass   | 7.20        | 19.33           | 19.33          | 0.086        | 2                | 26.53         | 0.450       | Inf              |
| Band 41_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2506MHz_RB 100,#RB 0             | Pass   | 7.20        | 21.39           | 21.39          | 0.138        | 2                | 28.59         | 0.723       | Inf              |
| 2506MHz_RB 1,#RB L               | Pass   | 7.20        | 22.71           | 22.71          | 0.187        | 2                | 29.91         | 0.979       | Inf              |
| 2506MHz_RB 1,#RB M               | Pass   | 7.20        | 22.57           | 22.57          | 0.181        | 2                | 29.77         | 0.948       | Inf              |
| 2506MHz_RB 1,#RB H               | Pass   | 7.20        | 22.30           | 22.30          | 0.170        | 2                | 29.50         | 0.891       | Inf              |
| 2506MHz_RB 50,#RB L              | Pass   | 7.20        | 21.41           | 21.41          | 0.138        | 2                | 28.61         | 0.726       | Inf              |
| 2506MHz_RB 50,#RB M              | Pass   | 7.20        | 21.29           | 21.29          | 0.135        | 2                | 28.49         | 0.706       | Inf              |
| 2506MHz_RB 50,#RB H              | Pass   | 7.20        | 21.26           | 21.26          | 0.134        | 2                | 28.46         | 0.701       | Inf              |
| 2593MHz_RB 100,#RB 0             | Pass   | 7.20        | 21.57           | 21.57          | 0.144        | 2                | 28.77         | 0.753       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 23.33           | 23.33          | 0.215        | 2                | 30.53         | 1.130       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 22.55           | 22.55          | 0.180        | 2                | 29.75         | 0.944       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 22.55           | 22.55          | 0.180        | 2                | 29.75         | 0.944       | Inf              |
| 2593MHz_RB 50,#RB L              | Pass   | 7.20        | 21.48           | 21.48          | 0.141        | 2                | 28.68         | 0.738       | Inf              |
| 2593MHz_RB 50,#RB M              | Pass   | 7.20        | 21.41           | 21.41          | 0.138        | 2                | 28.61         | 0.726       | Inf              |
| 2593MHz_RB 50,#RB H              | Pass   | 7.20        | 21.58           | 21.58          | 0.144        | 2                | 28.78         | 0.755       | Inf              |
| 2680MHz_RB 100,#RB 0             | Pass   | 7.20        | 21.16           | 21.16          | 0.131        | 2                | 28.36         | 0.685       | Inf              |
| 2680MHz_RB 1,#RB L               | Pass   | 7.20        | 22.19           | 22.19          | 0.166        | 2                | 29.39         | 0.869       | Inf              |
| 2680MHz_RB 1,#RB M               | Pass   | 7.20        | 22.19           | 22.19          | 0.166        | 2                | 29.39         | 0.869       | Inf              |
| 2680MHz_RB 1,#RB H               | Pass   | 7.20        | 22.43           | 22.43          | 0.175        | 2                | 29.63         | 0.918       | Inf              |
| 2680MHz_RB 50,#RB L              | Pass   | 7.20        | 21.26           | 21.26          | 0.134        | 2                | 28.46         | 0.701       | Inf              |
| 2680MHz_RB 50,#RB M              | Pass   | 7.20        | 21.22           | 21.22          | 0.132        | 2                | 28.42         | 0.695       | Inf              |
| 2680MHz_RB 50,#RB H              | Pass   | 7.20        | 21.17           | 21.17          | 0.131        | 2                | 28.37         | 0.687       | Inf              |
| Band 41_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2506MHz_RB 100,#RB 0             | Pass   | 7.20        | 20.46           | 20.46          | 0.111        | 2                | 27.66         | 0.583       | Inf              |
| 2506MHz_RB 1,#RB L               | Pass   | 7.20        | 21.88           | 21.88          | 0.154        | 2                | 29.08         | 0.809       | Inf              |
| 2506MHz_RB 1,#RB M               | Pass   | 7.20        | 21.47           | 21.47          | 0.140        | 2                | 28.67         | 0.736       | Inf              |
| 2506MHz_RB 1,#RB H               | Pass   | 7.20        | 21.56           | 21.56          | 0.143        | 2                | 28.76         | 0.752       | Inf              |
| 2506MHz_RB 50,#RB L              | Pass   | 7.20        | 20.51           | 20.51          | 0.112        | 2                | 27.71         | 0.590       | Inf              |
| 2506MHz_RB 50,#RB M              | Pass   | 7.20        | 20.43           | 20.43          | 0.110        | 2                | 27.63         | 0.579       | Inf              |
| 2506MHz_RB 50,#RB H              | Pass   | 7.20        | 20.46           | 20.46          | 0.111        | 2                | 27.66         | 0.583       | Inf              |
| 2593MHz_RB 100,#RB 0             | Pass   | 7.20        | 20.69           | 20.69          | 0.117        | 2                | 27.89         | 0.615       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 22.40           | 22.40          | 0.174        | 2                | 29.60         | 0.912       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 21.60           | 21.60          | 0.145        | 2                | 28.80         | 0.759       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 21.17           | 21.17          | 0.131        | 2                | 28.37         | 0.687       | Inf              |
| 2593MHz_RB 50,#RB L              | Pass   | 7.20        | 20.55           | 20.55          | 0.114        | 2                | 27.75         | 0.596       | Inf              |
| 2593MHz_RB 50,#RB M              | Pass   | 7.20        | 20.48           | 20.48          | 0.112        | 2                | 27.68         | 0.586       | Inf              |
| 2593MHz_RB 50,#RB H              | Pass   | 7.20        | 20.64           | 20.64          | 0.116        | 2                | 27.84         | 0.608       | Inf              |
| 2680MHz_RB 100,#RB 0             | Pass   | 7.20        | 20.20           | 20.20          | 0.105        | 2                | 27.40         | 0.550       | Inf              |
| 2680MHz_RB 1,#RB L               | Pass   | 7.20        | 21.52           | 21.52          | 0.142        | 2                | 28.72         | 0.745       | Inf              |
| 2680MHz_RB 1,#RB M               | Pass   | 7.20        | 21.71           | 21.71          | 0.148        | 2                | 28.91         | 0.778       | Inf              |
| 2680MHz_RB 1,#RB H               | Pass   | 7.20        | 21.09           | 21.09          | 0.129        | 2                | 28.29         | 0.675       | Inf              |

Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

| Mode                             | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| 2680MHz_RB 50,#RB L              | Pass   | 7.20        | 20.28           | 20.28          | 0.107        | 2                | 27.48         | 0.560       | Inf              |
| 2680MHz_RB 50,#RB M              | Pass   | 7.20        | 20.26           | 20.26          | 0.106        | 2                | 27.46         | 0.557       | Inf              |
| 2680MHz_RB 50,#RB H              | Pass   | 7.20        | 20.32           | 20.32          | 0.108        | 2                | 27.52         | 0.565       | Inf              |
| Band 41_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| 2506MHz_RB 100,#RB 0             | Pass   | 7.20        | 19.61           | 19.61          | 0.091        | 2                | 26.81         | 0.480       | Inf              |
| 2506MHz_RB 1,#RB L               | Pass   | 7.20        | 20.71           | 20.71          | 0.118        | 2                | 27.91         | 0.618       | Inf              |
| 2506MHz_RB 1,#RB M               | Pass   | 7.20        | 20.80           | 20.80          | 0.120        | 2                | 28.00         | 0.631       | Inf              |
| 2506MHz_RB 1,#RB H               | Pass   | 7.20        | 20.65           | 20.65          | 0.116        | 2                | 27.85         | 0.610       | Inf              |
| 2506MHz_RB 50,#RB L              | Pass   | 7.20        | 19.46           | 19.46          | 0.088        | 2                | 26.66         | 0.463       | Inf              |
| 2506MHz_RB 50,#RB M              | Pass   | 7.20        | 19.49           | 19.49          | 0.089        | 2                | 26.69         | 0.467       | Inf              |
| 2506MHz_RB 50,#RB H              | Pass   | 7.20        | 19.33           | 19.33          | 0.086        | 2                | 26.53         | 0.450       | Inf              |
| 2593MHz_RB 100,#RB 0             | Pass   | 7.20        | 19.65           | 19.65          | 0.092        | 2                | 26.85         | 0.484       | Inf              |
| 2593MHz_RB 1,#RB L               | Pass   | 7.20        | 21.09           | 21.09          | 0.129        | 2                | 28.29         | 0.675       | Inf              |
| 2593MHz_RB 1,#RB M               | Pass   | 7.20        | 20.73           | 20.73          | 0.118        | 2                | 27.93         | 0.621       | Inf              |
| 2593MHz_RB 1,#RB H               | Pass   | 7.20        | 21.11           | 21.11          | 0.129        | 2                | 28.31         | 0.678       | Inf              |
| 2593MHz_RB 50,#RB L              | Pass   | 7.20        | 19.93           | 19.93          | 0.098        | 2                | 27.13         | 0.516       | Inf              |
| 2593MHz_RB 50,#RB M              | Pass   | 7.20        | 19.63           | 19.63          | 0.092        | 2                | 26.83         | 0.482       | Inf              |
| 2593MHz_RB 50,#RB H              | Pass   | 7.20        | 19.73           | 19.73          | 0.094        | 2                | 26.93         | 0.493       | Inf              |
| 2680MHz_RB 100,#RB 0             | Pass   | 7.20        | 19.18           | 19.18          | 0.083        | 2                | 26.38         | 0.435       | Inf              |
| 2680MHz_RB 1,#RB L               | Pass   | 7.20        | 21.00           | 21.00          | 0.126        | 2                | 28.20         | 0.661       | Inf              |
| 2680MHz_RB 1,#RB M               | Pass   | 7.20        | 20.23           | 20.23          | 0.105        | 2                | 27.43         | 0.553       | Inf              |
| 2680MHz_RB 1,#RB H               | Pass   | 7.20        | 20.21           | 20.21          | 0.105        | 2                | 27.41         | 0.551       | Inf              |
| 2680MHz_RB 50,#RB L              | Pass   | 7.20        | 19.27           | 19.27          | 0.085        | 2                | 26.47         | 0.444       | Inf              |
| 2680MHz_RB 50,#RB M              | Pass   | 7.20        | 19.20           | 19.20          | 0.083        | 2                | 26.40         | 0.437       | Inf              |
| 2680MHz_RB 50,#RB H              | Pass   | 7.20        | 19.20           | 19.20          | 0.083        | 2                | 26.40         | 0.437       | Inf              |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

## Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 66                   | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.08          | 0.161        | 28.68         | 0.738       |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.70          | 0.148        | 28.30         | 0.676       |
| LTE_1.4MHz_Nss1,64QAM_1TX | 21.01          | 0.126        | 27.61         | 0.577       |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.08          | 0.161        | 28.68         | 0.738       |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.91          | 0.155        | 28.51         | 0.710       |
| LTE_3MHz_Nss1,64QAM_1TX   | 20.85          | 0.122        | 27.45         | 0.556       |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.09          | 0.162        | 28.69         | 0.740       |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.86          | 0.153        | 28.46         | 0.701       |
| LTE_5MHz_Nss1,64QAM_1TX   | 20.92          | 0.124        | 27.52         | 0.565       |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.08          | 0.161        | 28.68         | 0.738       |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.74          | 0.149        | 28.34         | 0.682       |
| LTE_10MHz_Nss1,64QAM_1TX  | 21.30          | 0.135        | 27.90         | 0.617       |
| LTE_15MHz_Nss1,QPSK_1TX   | 22.09          | 0.162        | 28.69         | 0.740       |
| LTE_15MHz_Nss1,16QAM_1TX  | 21.48          | 0.141        | 28.08         | 0.643       |
| LTE_15MHz_Nss1,64QAM_1TX  | 20.51          | 0.112        | 27.11         | 0.514       |
| LTE_20MHz_Nss1,QPSK_1TX   | 22.00          | 0.158        | 28.60         | 0.724       |
| LTE_20MHz_Nss1,16QAM_1TX  | 21.22          | 0.132        | 27.82         | 0.605       |
| LTE_20MHz_Nss1,64QAM_1TX  | 20.11          | 0.103        | 26.71         | 0.469       |



Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|-----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| Band 66_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0              | Pass   | 6.6         | 21.38           | 21.38          | 0.137        | 27.98         | 0.628       | 1                |
| 1710.7MHz_RB 1,#RB L              | Pass   | 6.6         | 21.81           | 21.81          | 0.152        | 28.41         | 0.693       | 1                |
| 1710.7MHz_RB 1,#RB M              | Pass   | 6.6         | 22.08           | 22.08          | 0.161        | 28.68         | 0.738       | 1                |
| 1710.7MHz_RB 1,#RB H              | Pass   | 6.6         | 22.00           | 22.00          | 0.158        | 28.60         | 0.724       | 1                |
| 1710.7MHz_RB 3,#RB L              | Pass   | 6.6         | 22.06           | 22.06          | 0.161        | 28.66         | 0.735       | 1                |
| 1710.7MHz_RB 3,#RB M              | Pass   | 6.6         | 22.08           | 22.08          | 0.161        | 28.68         | 0.738       | 1                |
| 1710.7MHz_RB 3,#RB H              | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1745MHz_RB 6,#RB 0                | Pass   | 6.6         | 21.31           | 21.31          | 0.135        | 27.91         | 0.618       | 1                |
| 1745MHz_RB 1,#RB L                | Pass   | 6.6         | 21.91           | 21.91          | 0.155        | 28.51         | 0.710       | 1                |
| 1745MHz_RB 1,#RB M                | Pass   | 6.6         | 21.90           | 21.90          | 0.155        | 28.50         | 0.708       | 1                |
| 1745MHz_RB 1,#RB H                | Pass   | 6.6         | 21.98           | 21.98          | 0.158        | 28.58         | 0.721       | 1                |
| 1745MHz_RB 3,#RB L                | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1745MHz_RB 3,#RB M                | Pass   | 6.6         | 21.92           | 21.92          | 0.156        | 28.52         | 0.711       | 1                |
| 1745MHz_RB 3,#RB H                | Pass   | 6.6         | 21.92           | 21.92          | 0.156        | 28.52         | 0.711       | 1                |
| 1779.3MHz_RB 6,#RB 0              | Pass   | 6.6         | 21.14           | 21.14          | 0.130        | 27.74         | 0.594       | 1                |
| 1779.3MHz_RB 1,#RB L              | Pass   | 6.6         | 21.89           | 21.89          | 0.155        | 28.49         | 0.706       | 1                |
| 1779.3MHz_RB 1,#RB M              | Pass   | 6.6         | 21.91           | 21.91          | 0.155        | 28.51         | 0.710       | 1                |
| 1779.3MHz_RB 1,#RB H              | Pass   | 6.6         | 22.02           | 22.02          | 0.159        | 28.62         | 0.728       | 1                |
| 1779.3MHz_RB 3,#RB L              | Pass   | 6.6         | 21.85           | 21.85          | 0.153        | 28.45         | 0.700       | 1                |
| 1779.3MHz_RB 3,#RB M              | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1779.3MHz_RB 3,#RB H              | Pass   | 6.6         | 21.81           | 21.81          | 0.152        | 28.41         | 0.693       | 1                |
| Band 66_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0              | Pass   | 6.6         | 20.43           | 20.43          | 0.110        | 27.03         | 0.505       | 1                |
| 1710.7MHz_RB 1,#RB L              | Pass   | 6.6         | 21.60           | 21.60          | 0.145        | 28.20         | 0.661       | 1                |
| 1710.7MHz_RB 1,#RB M              | Pass   | 6.6         | 21.57           | 21.57          | 0.144        | 28.17         | 0.656       | 1                |
| 1710.7MHz_RB 1,#RB H              | Pass   | 6.6         | 21.60           | 21.60          | 0.145        | 28.20         | 0.661       | 1                |
| 1710.7MHz_RB 3,#RB L              | Pass   | 6.6         | 21.70           | 21.70          | 0.148        | 28.30         | 0.676       | 1                |
| 1710.7MHz_RB 3,#RB M              | Pass   | 6.6         | 21.65           | 21.65          | 0.146        | 28.25         | 0.668       | 1                |
| 1710.7MHz_RB 3,#RB H              | Pass   | 6.6         | 21.57           | 21.57          | 0.144        | 28.17         | 0.656       | 1                |
| 1745MHz_RB 6,#RB 0                | Pass   | 6.6         | 20.40           | 20.40          | 0.110        | 27.00         | 0.501       | 1                |
| 1745MHz_RB 1,#RB L                | Pass   | 6.6         | 21.40           | 21.40          | 0.138        | 28.00         | 0.631       | 1                |
| 1745MHz_RB 1,#RB M                | Pass   | 6.6         | 21.62           | 21.62          | 0.145        | 28.22         | 0.664       | 1                |
| 1745MHz_RB 1,#RB H                | Pass   | 6.6         | 21.36           | 21.36          | 0.137        | 27.96         | 0.625       | 1                |
| 1745MHz_RB 3,#RB L                | Pass   | 6.6         | 21.59           | 21.59          | 0.144        | 28.19         | 0.659       | 1                |
| 1745MHz_RB 3,#RB M                | Pass   | 6.6         | 21.68           | 21.68          | 0.147        | 28.28         | 0.673       | 1                |
| 1745MHz_RB 3,#RB H                | Pass   | 6.6         | 21.64           | 21.64          | 0.146        | 28.24         | 0.667       | 1                |
| 1779.3MHz_RB 6,#RB 0              | Pass   | 6.6         | 20.41           | 20.41          | 0.110        | 27.01         | 0.502       | 1                |
| 1779.3MHz_RB 1,#RB L              | Pass   | 6.6         | 21.26           | 21.26          | 0.134        | 27.86         | 0.611       | 1                |
| 1779.3MHz_RB 1,#RB M              | Pass   | 6.6         | 21.57           | 21.57          | 0.144        | 28.17         | 0.656       | 1                |
| 1779.3MHz_RB 1,#RB H              | Pass   | 6.6         | 21.44           | 21.44          | 0.139        | 28.04         | 0.637       | 1                |
| 1779.3MHz_RB 3,#RB L              | Pass   | 6.6         | 21.40           | 21.40          | 0.138        | 28.00         | 0.631       | 1                |
| 1779.3MHz_RB 3,#RB M              | Pass   | 6.6         | 21.51           | 21.51          | 0.142        | 28.11         | 0.647       | 1                |
| 1779.3MHz_RB 3,#RB H              | Pass   | 6.6         | 21.55           | 21.55          | 0.143        | 28.15         | 0.653       | 1                |
| Band 66_LTE_1.4MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0              | Pass   | 6.6         | 19.59           | 19.59          | 0.091        | 26.19         | 0.416       | 1                |
| 1710.7MHz_RB 1,#RB L              | Pass   | 6.6         | 20.71           | 20.71          | 0.118        | 27.31         | 0.538       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1710.7MHz_RB 1,#RB M            | Pass   | 6.6         | 21.01           | 21.01          | 0.126        | 27.61         | 0.577       | 1                |
| 1710.7MHz_RB 1,#RB H            | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1710.7MHz_RB 3,#RB L            | Pass   | 6.6         | 20.75           | 20.75          | 0.119        | 27.35         | 0.543       | 1                |
| 1710.7MHz_RB 3,#RB M            | Pass   | 6.6         | 20.82           | 20.82          | 0.121        | 27.42         | 0.552       | 1                |
| 1710.7MHz_RB 3,#RB H            | Pass   | 6.6         | 20.66           | 20.66          | 0.116        | 27.26         | 0.532       | 1                |
| 1745MHz_RB 6,#RB 0              | Pass   | 6.6         | 19.38           | 19.38          | 0.087        | 25.98         | 0.396       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 20.52           | 20.52          | 0.113        | 27.12         | 0.515       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 20.75           | 20.75          | 0.119        | 27.35         | 0.543       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1745MHz_RB 3,#RB L              | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1745MHz_RB 3,#RB M              | Pass   | 6.6         | 20.70           | 20.70          | 0.117        | 27.30         | 0.537       | 1                |
| 1745MHz_RB 3,#RB H              | Pass   | 6.6         | 20.58           | 20.58          | 0.114        | 27.18         | 0.522       | 1                |
| 1779.3MHz_RB 6,#RB 0            | Pass   | 6.6         | 19.40           | 19.40          | 0.087        | 26.00         | 0.398       | 1                |
| 1779.3MHz_RB 1,#RB L            | Pass   | 6.6         | 20.52           | 20.52          | 0.113        | 27.12         | 0.515       | 1                |
| 1779.3MHz_RB 1,#RB M            | Pass   | 6.6         | 20.31           | 20.31          | 0.107        | 26.91         | 0.491       | 1                |
| 1779.3MHz_RB 1,#RB H            | Pass   | 6.6         | 20.57           | 20.57          | 0.114        | 27.17         | 0.521       | 1                |
| 1779.3MHz_RB 3,#RB L            | Pass   | 6.6         | 20.51           | 20.51          | 0.112        | 27.11         | 0.514       | 1                |
| 1779.3MHz_RB 3,#RB M            | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1779.3MHz_RB 3,#RB H            | Pass   | 6.6         | 20.52           | 20.52          | 0.113        | 27.12         | 0.515       | 1                |
| Band 66_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 21.52           | 21.52          | 0.142        | 28.12         | 0.649       | 1                |
| 1711.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.87           | 21.87          | 0.154        | 28.47         | 0.703       | 1                |
| 1711.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.99           | 21.99          | 0.158        | 28.59         | 0.723       | 1                |
| 1711.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1711.5MHz_RB 8,#RB L            | Pass   | 6.6         | 21.45           | 21.45          | 0.140        | 28.05         | 0.638       | 1                |
| 1711.5MHz_RB 8,#RB M            | Pass   | 6.6         | 21.51           | 21.51          | 0.142        | 28.11         | 0.647       | 1                |
| 1711.5MHz_RB 8,#RB H            | Pass   | 6.6         | 21.54           | 21.54          | 0.143        | 28.14         | 0.652       | 1                |
| 1745MHz_RB 15,#RB 0             | Pass   | 6.6         | 21.41           | 21.41          | 0.138        | 28.01         | 0.632       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 21.99           | 21.99          | 0.158        | 28.59         | 0.723       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 22.04           | 22.04          | 0.160        | 28.64         | 0.731       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 21.64           | 21.64          | 0.146        | 28.24         | 0.667       | 1                |
| 1745MHz_RB 8,#RB L              | Pass   | 6.6         | 21.49           | 21.49          | 0.141        | 28.09         | 0.644       | 1                |
| 1745MHz_RB 8,#RB M              | Pass   | 6.6         | 21.49           | 21.49          | 0.141        | 28.09         | 0.644       | 1                |
| 1745MHz_RB 8,#RB H              | Pass   | 6.6         | 21.36           | 21.36          | 0.137        | 27.96         | 0.625       | 1                |
| 1778.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 21.31           | 21.31          | 0.135        | 27.91         | 0.618       | 1                |
| 1778.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.85           | 21.85          | 0.153        | 28.45         | 0.700       | 1                |
| 1778.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.95           | 21.95          | 0.157        | 28.55         | 0.716       | 1                |
| 1778.5MHz_RB 1,#RB H            | Pass   | 6.6         | 22.08           | 22.08          | 0.161        | 28.68         | 0.738       | 1                |
| 1778.5MHz_RB 8,#RB L            | Pass   | 6.6         | 21.27           | 21.27          | 0.134        | 27.87         | 0.612       | 1                |
| 1778.5MHz_RB 8,#RB M            | Pass   | 6.6         | 21.38           | 21.38          | 0.137        | 27.98         | 0.628       | 1                |
| 1778.5MHz_RB 8,#RB H            | Pass   | 6.6         | 21.32           | 21.32          | 0.136        | 27.92         | 0.619       | 1                |
| Band 66_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 20.61           | 20.61          | 0.115        | 27.21         | 0.526       | 1                |
| 1711.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.46           | 21.46          | 0.140        | 28.06         | 0.640       | 1                |
| 1711.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.66           | 21.66          | 0.147        | 28.26         | 0.670       | 1                |
| 1711.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.54           | 21.54          | 0.143        | 28.14         | 0.652       | 1                |
| 1711.5MHz_RB 8,#RB L            | Pass   | 6.6         | 20.66           | 20.66          | 0.116        | 27.26         | 0.532       | 1                |
| 1711.5MHz_RB 8,#RB M            | Pass   | 6.6         | 20.54           | 20.54          | 0.113        | 27.14         | 0.518       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1711.5MHz_RB 8,#RB H            | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1745MHz_RB 15,#RB 0             | Pass   | 6.6         | 20.49           | 20.49          | 0.112        | 27.09         | 0.512       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 21.67           | 21.67          | 0.147        | 28.27         | 0.671       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 21.48           | 21.48          | 0.141        | 28.08         | 0.643       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 21.38           | 21.38          | 0.137        | 27.98         | 0.628       | 1                |
| 1745MHz_RB 8,#RB L              | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1745MHz_RB 8,#RB M              | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1745MHz_RB 8,#RB H              | Pass   | 6.6         | 20.46           | 20.46          | 0.111        | 27.06         | 0.508       | 1                |
| 1778.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 20.40           | 20.40          | 0.110        | 27.00         | 0.501       | 1                |
| 1778.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.51           | 21.51          | 0.142        | 28.11         | 0.647       | 1                |
| 1778.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.91           | 21.91          | 0.155        | 28.51         | 0.710       | 1                |
| 1778.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.43           | 21.43          | 0.139        | 28.03         | 0.635       | 1                |
| 1778.5MHz_RB 8,#RB L            | Pass   | 6.6         | 20.37           | 20.37          | 0.109        | 26.97         | 0.498       | 1                |
| 1778.5MHz_RB 8,#RB M            | Pass   | 6.6         | 20.58           | 20.58          | 0.114        | 27.18         | 0.522       | 1                |
| 1778.5MHz_RB 8,#RB H            | Pass   | 6.6         | 20.45           | 20.45          | 0.111        | 27.05         | 0.507       | 1                |
| Band 66_LTE_3MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 19.62           | 19.62          | 0.092        | 26.22         | 0.419       | 1                |
| 1711.5MHz_RB 1,#RB L            | Pass   | 6.6         | 20.68           | 20.68          | 0.117        | 27.28         | 0.535       | 1                |
| 1711.5MHz_RB 1,#RB M            | Pass   | 6.6         | 20.81           | 20.81          | 0.121        | 27.41         | 0.551       | 1                |
| 1711.5MHz_RB 1,#RB H            | Pass   | 6.6         | 20.47           | 20.47          | 0.111        | 27.07         | 0.509       | 1                |
| 1711.5MHz_RB 8,#RB L            | Pass   | 6.6         | 19.64           | 19.64          | 0.092        | 26.24         | 0.421       | 1                |
| 1711.5MHz_RB 8,#RB M            | Pass   | 6.6         | 19.73           | 19.73          | 0.094        | 26.33         | 0.430       | 1                |
| 1711.5MHz_RB 8,#RB H            | Pass   | 6.6         | 19.59           | 19.59          | 0.091        | 26.19         | 0.416       | 1                |
| 1745MHz_RB 15,#RB 0             | Pass   | 6.6         | 19.49           | 19.49          | 0.089        | 26.09         | 0.406       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 20.57           | 20.57          | 0.114        | 27.17         | 0.521       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 20.41           | 20.41          | 0.110        | 27.01         | 0.502       | 1                |
| 1745MHz_RB 8,#RB L              | Pass   | 6.6         | 19.48           | 19.48          | 0.089        | 26.08         | 0.406       | 1                |
| 1745MHz_RB 8,#RB M              | Pass   | 6.6         | 19.54           | 19.54          | 0.090        | 26.14         | 0.411       | 1                |
| 1745MHz_RB 8,#RB H              | Pass   | 6.6         | 19.51           | 19.51          | 0.089        | 26.11         | 0.408       | 1                |
| 1778.5MHz_RB 15,#RB 0           | Pass   | 6.6         | 19.47           | 19.47          | 0.089        | 26.07         | 0.405       | 1                |
| 1778.5MHz_RB 1,#RB L            | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1778.5MHz_RB 1,#RB M            | Pass   | 6.6         | 20.48           | 20.48          | 0.112        | 27.08         | 0.511       | 1                |
| 1778.5MHz_RB 1,#RB H            | Pass   | 6.6         | 20.85           | 20.85          | 0.122        | 27.45         | 0.556       | 1                |
| 1778.5MHz_RB 8,#RB L            | Pass   | 6.6         | 19.44           | 19.44          | 0.088        | 26.04         | 0.402       | 1                |
| 1778.5MHz_RB 8,#RB M            | Pass   | 6.6         | 19.46           | 19.46          | 0.088        | 26.06         | 0.404       | 1                |
| 1778.5MHz_RB 8,#RB H            | Pass   | 6.6         | 19.43           | 19.43          | 0.088        | 26.03         | 0.401       | 1                |
| Band 66_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0           | Pass   | 6.6         | 21.54           | 21.54          | 0.143        | 28.14         | 0.652       | 1                |
| 1712.5MHz_RB 1,#RB L            | Pass   | 6.6         | 22.05           | 22.05          | 0.160        | 28.65         | 0.733       | 1                |
| 1712.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1712.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.86           | 21.86          | 0.153        | 28.46         | 0.701       | 1                |
| 1712.5MHz_RB 12,#RB L           | Pass   | 6.6         | 21.51           | 21.51          | 0.142        | 28.11         | 0.647       | 1                |
| 1712.5MHz_RB 12,#RB M           | Pass   | 6.6         | 21.52           | 21.52          | 0.142        | 28.12         | 0.649       | 1                |
| 1712.5MHz_RB 12,#RB H           | Pass   | 6.6         | 21.50           | 21.50          | 0.141        | 28.10         | 0.646       | 1                |
| 1745MHz_RB 25,#RB 0             | Pass   | 6.6         | 21.38           | 21.38          | 0.137        | 27.98         | 0.628       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 22.09           | 22.09          | 0.162        | 28.69         | 0.740       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1745MHz_RB 12,#RB L             | Pass   | 6.6         | 21.46           | 21.46          | 0.140        | 28.06         | 0.640       | 1                |
| 1745MHz_RB 12,#RB M             | Pass   | 6.6         | 21.47           | 21.47          | 0.140        | 28.07         | 0.641       | 1                |
| 1745MHz_RB 12,#RB H             | Pass   | 6.6         | 21.38           | 21.38          | 0.137        | 27.98         | 0.628       | 1                |
| 1777.5MHz_RB 25,#RB 0           | Pass   | 6.6         | 21.26           | 21.26          | 0.134        | 27.86         | 0.611       | 1                |
| 1777.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.73           | 21.73          | 0.149        | 28.33         | 0.681       | 1                |
| 1777.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.65           | 21.65          | 0.146        | 28.25         | 0.668       | 1                |
| 1777.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.71           | 21.71          | 0.148        | 28.31         | 0.678       | 1                |
| 1777.5MHz_RB 12,#RB L           | Pass   | 6.6         | 21.37           | 21.37          | 0.137        | 27.97         | 0.627       | 1                |
| 1777.5MHz_RB 12,#RB M           | Pass   | 6.6         | 21.39           | 21.39          | 0.138        | 27.99         | 0.630       | 1                |
| 1777.5MHz_RB 12,#RB H           | Pass   | 6.6         | 21.35           | 21.35          | 0.136        | 27.95         | 0.624       | 1                |
| Band 66_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0           | Pass   | 6.6         | 20.46           | 20.46          | 0.111        | 27.06         | 0.508       | 1                |
| 1712.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.82           | 21.82          | 0.152        | 28.42         | 0.695       | 1                |
| 1712.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.86           | 21.86          | 0.153        | 28.46         | 0.701       | 1                |
| 1712.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.63           | 21.63          | 0.146        | 28.23         | 0.665       | 1                |
| 1712.5MHz_RB 12,#RB L           | Pass   | 6.6         | 20.69           | 20.69          | 0.117        | 27.29         | 0.536       | 1                |
| 1712.5MHz_RB 12,#RB M           | Pass   | 6.6         | 20.74           | 20.74          | 0.119        | 27.34         | 0.542       | 1                |
| 1712.5MHz_RB 12,#RB H           | Pass   | 6.6         | 20.62           | 20.62          | 0.115        | 27.22         | 0.527       | 1                |
| 1745MHz_RB 25,#RB 0             | Pass   | 6.6         | 20.52           | 20.52          | 0.113        | 27.12         | 0.515       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 21.79           | 21.79          | 0.151        | 28.39         | 0.690       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 21.86           | 21.86          | 0.153        | 28.46         | 0.701       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 21.63           | 21.63          | 0.146        | 28.23         | 0.665       | 1                |
| 1745MHz_RB 12,#RB L             | Pass   | 6.6         | 20.60           | 20.60          | 0.115        | 27.20         | 0.525       | 1                |
| 1745MHz_RB 12,#RB M             | Pass   | 6.6         | 20.55           | 20.55          | 0.114        | 27.15         | 0.519       | 1                |
| 1745MHz_RB 12,#RB H             | Pass   | 6.6         | 20.55           | 20.55          | 0.114        | 27.15         | 0.519       | 1                |
| 1777.5MHz_RB 25,#RB 0           | Pass   | 6.6         | 20.49           | 20.49          | 0.112        | 27.09         | 0.512       | 1                |
| 1777.5MHz_RB 1,#RB L            | Pass   | 6.6         | 21.76           | 21.76          | 0.150        | 28.36         | 0.685       | 1                |
| 1777.5MHz_RB 1,#RB M            | Pass   | 6.6         | 21.45           | 21.45          | 0.140        | 28.05         | 0.638       | 1                |
| 1777.5MHz_RB 1,#RB H            | Pass   | 6.6         | 21.50           | 21.50          | 0.141        | 28.10         | 0.646       | 1                |
| 1777.5MHz_RB 12,#RB L           | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1777.5MHz_RB 12,#RB M           | Pass   | 6.6         | 20.44           | 20.44          | 0.111        | 27.04         | 0.506       | 1                |
| 1777.5MHz_RB 12,#RB H           | Pass   | 6.6         | 20.49           | 20.49          | 0.112        | 27.09         | 0.512       | 1                |
| Band 66_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0           | Pass   | 6.6         | 19.62           | 19.62          | 0.092        | 26.22         | 0.419       | 1                |
| 1712.5MHz_RB 1,#RB L            | Pass   | 6.6         | 20.78           | 20.78          | 0.120        | 27.38         | 0.547       | 1                |
| 1712.5MHz_RB 1,#RB M            | Pass   | 6.6         | 20.92           | 20.92          | 0.124        | 27.52         | 0.565       | 1                |
| 1712.5MHz_RB 1,#RB H            | Pass   | 6.6         | 20.76           | 20.76          | 0.119        | 27.36         | 0.545       | 1                |
| 1712.5MHz_RB 12,#RB L           | Pass   | 6.6         | 19.68           | 19.68          | 0.093        | 26.28         | 0.425       | 1                |
| 1712.5MHz_RB 12,#RB M           | Pass   | 6.6         | 19.66           | 19.66          | 0.092        | 26.26         | 0.423       | 1                |
| 1712.5MHz_RB 12,#RB H           | Pass   | 6.6         | 19.71           | 19.71          | 0.094        | 26.31         | 0.428       | 1                |
| 1745MHz_RB 25,#RB 0             | Pass   | 6.6         | 19.62           | 19.62          | 0.092        | 26.22         | 0.419       | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 6.6         | 20.71           | 20.71          | 0.118        | 27.31         | 0.538       | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 6.6         | 20.70           | 20.70          | 0.117        | 27.30         | 0.537       | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 6.6         | 20.73           | 20.73          | 0.118        | 27.33         | 0.541       | 1                |
| 1745MHz_RB 12,#RB L             | Pass   | 6.6         | 19.52           | 19.52          | 0.090        | 26.12         | 0.409       | 1                |
| 1745MHz_RB 12,#RB M             | Pass   | 6.6         | 19.60           | 19.60          | 0.091        | 26.20         | 0.417       | 1                |
| 1745MHz_RB 12,#RB H             | Pass   | 6.6         | 19.55           | 19.55          | 0.090        | 26.15         | 0.412       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1777.5MHz_RB 25,#RB 0            | Pass   | 6.6         | 19.53           | 19.53          | 0.090        | 26.13         | 0.410       | 1                |
| 1777.5MHz_RB 1,#RB L             | Pass   | 6.6         | 20.59           | 20.59          | 0.115        | 27.19         | 0.524       | 1                |
| 1777.5MHz_RB 1,#RB M             | Pass   | 6.6         | 20.64           | 20.64          | 0.116        | 27.24         | 0.530       | 1                |
| 1777.5MHz_RB 1,#RB H             | Pass   | 6.6         | 20.63           | 20.63          | 0.116        | 27.23         | 0.528       | 1                |
| 1777.5MHz_RB 12,#RB L            | Pass   | 6.6         | 19.55           | 19.55          | 0.090        | 26.15         | 0.412       | 1                |
| 1777.5MHz_RB 12,#RB M            | Pass   | 6.6         | 19.58           | 19.58          | 0.091        | 26.18         | 0.415       | 1                |
| 1777.5MHz_RB 12,#RB H            | Pass   | 6.6         | 19.50           | 19.50          | 0.089        | 26.10         | 0.407       | 1                |
| Band 66_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0              | Pass   | 6.6         | 21.18           | 21.18          | 0.131        | 27.78         | 0.600       | 1                |
| 1715MHz_RB 1,#RB L               | Pass   | 6.6         | 21.97           | 21.97          | 0.157        | 28.57         | 0.719       | 1                |
| 1715MHz_RB 1,#RB M               | Pass   | 6.6         | 21.80           | 21.80          | 0.151        | 28.40         | 0.692       | 1                |
| 1715MHz_RB 1,#RB H               | Pass   | 6.6         | 21.99           | 21.99          | 0.158        | 28.59         | 0.723       | 1                |
| 1715MHz_RB 25,#RB L              | Pass   | 6.6         | 21.52           | 21.52          | 0.142        | 28.12         | 0.649       | 1                |
| 1715MHz_RB 25,#RB M              | Pass   | 6.6         | 21.57           | 21.57          | 0.144        | 28.17         | 0.656       | 1                |
| 1715MHz_RB 25,#RB H              | Pass   | 6.6         | 21.61           | 21.61          | 0.145        | 28.21         | 0.662       | 1                |
| 1745MHz_RB 50,#RB 0              | Pass   | 6.6         | 21.48           | 21.48          | 0.141        | 28.08         | 0.643       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 22.08           | 22.08          | 0.161        | 28.68         | 0.738       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 21.99           | 21.99          | 0.158        | 28.59         | 0.723       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.93           | 21.93          | 0.156        | 28.53         | 0.713       | 1                |
| 1745MHz_RB 25,#RB L              | Pass   | 6.6         | 21.47           | 21.47          | 0.140        | 28.07         | 0.641       | 1                |
| 1745MHz_RB 25,#RB M              | Pass   | 6.6         | 21.44           | 21.44          | 0.139        | 28.04         | 0.637       | 1                |
| 1745MHz_RB 25,#RB H              | Pass   | 6.6         | 21.39           | 21.39          | 0.138        | 27.99         | 0.630       | 1                |
| 1775MHz_RB 50,#RB 0              | Pass   | 6.6         | 21.31           | 21.31          | 0.135        | 27.91         | 0.618       | 1                |
| 1775MHz_RB 1,#RB L               | Pass   | 6.6         | 21.87           | 21.87          | 0.154        | 28.47         | 0.703       | 1                |
| 1775MHz_RB 1,#RB M               | Pass   | 6.6         | 21.84           | 21.84          | 0.153        | 28.44         | 0.698       | 1                |
| 1775MHz_RB 1,#RB H               | Pass   | 6.6         | 21.87           | 21.87          | 0.154        | 28.47         | 0.703       | 1                |
| 1775MHz_RB 25,#RB L              | Pass   | 6.6         | 21.36           | 21.36          | 0.137        | 27.96         | 0.625       | 1                |
| 1775MHz_RB 25,#RB M              | Pass   | 6.6         | 21.48           | 21.48          | 0.141        | 28.08         | 0.643       | 1                |
| 1775MHz_RB 25,#RB H              | Pass   | 6.6         | 21.48           | 21.48          | 0.141        | 28.08         | 0.643       | 1                |
| Band 66_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0              | Pass   | 6.6         | 20.78           | 20.78          | 0.120        | 27.38         | 0.547       | 1                |
| 1715MHz_RB 1,#RB L               | Pass   | 6.6         | 21.68           | 21.68          | 0.147        | 28.28         | 0.673       | 1                |
| 1715MHz_RB 1,#RB M               | Pass   | 6.6         | 21.74           | 21.74          | 0.149        | 28.34         | 0.682       | 1                |
| 1715MHz_RB 1,#RB H               | Pass   | 6.6         | 21.43           | 21.43          | 0.139        | 28.03         | 0.635       | 1                |
| 1715MHz_RB 25,#RB L              | Pass   | 6.6         | 20.72           | 20.72          | 0.118        | 27.32         | 0.540       | 1                |
| 1715MHz_RB 25,#RB M              | Pass   | 6.6         | 20.71           | 20.71          | 0.118        | 27.31         | 0.538       | 1                |
| 1715MHz_RB 25,#RB H              | Pass   | 6.6         | 20.78           | 20.78          | 0.120        | 27.38         | 0.547       | 1                |
| 1745MHz_RB 50,#RB 0              | Pass   | 6.6         | 20.57           | 20.57          | 0.114        | 27.17         | 0.521       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 21.68           | 21.68          | 0.147        | 28.28         | 0.673       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 21.58           | 21.58          | 0.144        | 28.18         | 0.658       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.50           | 21.50          | 0.141        | 28.10         | 0.646       | 1                |
| 1745MHz_RB 25,#RB L              | Pass   | 6.6         | 20.61           | 20.61          | 0.115        | 27.21         | 0.526       | 1                |
| 1745MHz_RB 25,#RB M              | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1745MHz_RB 25,#RB H              | Pass   | 6.6         | 20.49           | 20.49          | 0.112        | 27.09         | 0.512       | 1                |
| 1775MHz_RB 50,#RB 0              | Pass   | 6.6         | 20.33           | 20.33          | 0.108        | 26.93         | 0.493       | 1                |
| 1775MHz_RB 1,#RB L               | Pass   | 6.6         | 21.63           | 21.63          | 0.146        | 28.23         | 0.665       | 1                |
| 1775MHz_RB 1,#RB M               | Pass   | 6.6         | 21.59           | 21.59          | 0.144        | 28.19         | 0.659       | 1                |
| 1775MHz_RB 1,#RB H               | Pass   | 6.6         | 21.67           | 21.67          | 0.147        | 28.27         | 0.671       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1775MHz_RB 25,#RB L              | Pass   | 6.6         | 20.58           | 20.58          | 0.114        | 27.18         | 0.522       | 1                |
| 1775MHz_RB 25,#RB M              | Pass   | 6.6         | 20.58           | 20.58          | 0.114        | 27.18         | 0.522       | 1                |
| 1775MHz_RB 25,#RB H              | Pass   | 6.6         | 20.60           | 20.60          | 0.115        | 27.20         | 0.525       | 1                |
| Band 66_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0              | Pass   | 6.6         | 19.79           | 19.79          | 0.095        | 26.39         | 0.436       | 1                |
| 1715MHz_RB 1,#RB L               | Pass   | 6.6         | -43.31          | -43.31         | 0.000        | -36.71        | 0.000       | 1                |
| 1715MHz_RB 1,#RB M               | Pass   | 6.6         | 20.67           | 20.67          | 0.117        | 27.27         | 0.533       | 1                |
| 1715MHz_RB 1,#RB H               | Pass   | 6.6         | 21.30           | 21.30          | 0.135        | 27.90         | 0.617       | 1                |
| 1715MHz_RB 25,#RB L              | Pass   | 6.6         | 19.78           | 19.78          | 0.095        | 26.38         | 0.435       | 1                |
| 1715MHz_RB 25,#RB M              | Pass   | 6.6         | 19.69           | 19.69          | 0.093        | 26.29         | 0.426       | 1                |
| 1715MHz_RB 25,#RB H              | Pass   | 6.6         | 19.72           | 19.72          | 0.094        | 26.32         | 0.429       | 1                |
| 1745MHz_RB 50,#RB 0              | Pass   | 6.6         | 19.56           | 19.56          | 0.090        | 26.16         | 0.413       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 20.64           | 20.64          | 0.116        | 27.24         | 0.530       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 20.44           | 20.44          | 0.111        | 27.04         | 0.506       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 20.43           | 20.43          | 0.110        | 27.03         | 0.505       | 1                |
| 1745MHz_RB 25,#RB L              | Pass   | 6.6         | 19.59           | 19.59          | 0.091        | 26.19         | 0.416       | 1                |
| 1745MHz_RB 25,#RB M              | Pass   | 6.6         | 19.60           | 19.60          | 0.091        | 26.20         | 0.417       | 1                |
| 1745MHz_RB 25,#RB H              | Pass   | 6.6         | 19.60           | 19.60          | 0.091        | 26.20         | 0.417       | 1                |
| 1775MHz_RB 50,#RB 0              | Pass   | 6.6         | 19.49           | 19.49          | 0.089        | 26.09         | 0.406       | 1                |
| 1775MHz_RB 1,#RB L               | Pass   | 6.6         | 20.49           | 20.49          | 0.112        | 27.09         | 0.512       | 1                |
| 1775MHz_RB 1,#RB M               | Pass   | 6.6         | 20.82           | 20.82          | 0.121        | 27.42         | 0.552       | 1                |
| 1775MHz_RB 1,#RB H               | Pass   | 6.6         | 20.57           | 20.57          | 0.114        | 27.17         | 0.521       | 1                |
| 1775MHz_RB 25,#RB L              | Pass   | 6.6         | 19.52           | 19.52          | 0.090        | 26.12         | 0.409       | 1                |
| 1775MHz_RB 25,#RB M              | Pass   | 6.6         | 19.58           | 19.58          | 0.091        | 26.18         | 0.415       | 1                |
| 1775MHz_RB 25,#RB H              | Pass   | 6.6         | 19.45           | 19.45          | 0.088        | 26.05         | 0.403       | 1                |
| Band 66_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 21.20           | 21.20          | 0.132        | 27.80         | 0.603       | 1                |
| 1717.5MHz_RB 1,#RB L             | Pass   | 6.6         | 22.09           | 22.09          | 0.162        | 28.69         | 0.740       | 1                |
| 1717.5MHz_RB 1,#RB M             | Pass   | 6.6         | 21.77           | 21.77          | 0.150        | 28.37         | 0.687       | 1                |
| 1717.5MHz_RB 1,#RB H             | Pass   | 6.6         | 21.94           | 21.94          | 0.156        | 28.54         | 0.714       | 1                |
| 1717.5MHz_RB 36,#RB L            | Pass   | 6.6         | 21.18           | 21.18          | 0.131        | 27.78         | 0.600       | 1                |
| 1717.5MHz_RB 36,#RB M            | Pass   | 6.6         | 21.15           | 21.15          | 0.130        | 27.75         | 0.596       | 1                |
| 1717.5MHz_RB 36,#RB H            | Pass   | 6.6         | 21.13           | 21.13          | 0.130        | 27.73         | 0.593       | 1                |
| 1745MHz_RB 75,#RB 0              | Pass   | 6.6         | 21.01           | 21.01          | 0.126        | 27.61         | 0.577       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 22.09           | 22.09          | 0.162        | 28.69         | 0.740       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 22.03           | 22.03          | 0.160        | 28.63         | 0.729       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.94           | 21.94          | 0.156        | 28.54         | 0.714       | 1                |
| 1745MHz_RB 36,#RB L              | Pass   | 6.6         | 21.09           | 21.09          | 0.129        | 27.69         | 0.587       | 1                |
| 1745MHz_RB 36,#RB M              | Pass   | 6.6         | 21.05           | 21.05          | 0.127        | 27.65         | 0.582       | 1                |
| 1745MHz_RB 36,#RB H              | Pass   | 6.6         | 20.81           | 20.81          | 0.121        | 27.41         | 0.551       | 1                |
| 1772.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 20.93           | 20.93          | 0.124        | 27.53         | 0.566       | 1                |
| 1772.5MHz_RB 1,#RB L             | Pass   | 6.6         | 21.47           | 21.47          | 0.140        | 28.07         | 0.641       | 1                |
| 1772.5MHz_RB 1,#RB M             | Pass   | 6.6         | 21.40           | 21.40          | 0.138        | 28.00         | 0.631       | 1                |
| 1772.5MHz_RB 1,#RB H             | Pass   | 6.6         | 21.53           | 21.53          | 0.142        | 28.13         | 0.650       | 1                |
| 1772.5MHz_RB 36,#RB L            | Pass   | 6.6         | 20.95           | 20.95          | 0.124        | 27.55         | 0.569       | 1                |
| 1772.5MHz_RB 36,#RB M            | Pass   | 6.6         | 20.93           | 20.93          | 0.124        | 27.53         | 0.566       | 1                |
| 1772.5MHz_RB 36,#RB H            | Pass   | 6.6         | 20.97           | 20.97          | 0.125        | 27.57         | 0.571       | 1                |
| Band 66_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1717.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 20.32           | 20.32          | 0.108        | 26.92         | 0.492       | 1                |
| 1717.5MHz_RB 1,#RB L             | Pass   | 6.6         | 21.32           | 21.32          | 0.136        | 27.92         | 0.619       | 1                |
| 1717.5MHz_RB 1,#RB M             | Pass   | 6.6         | 20.62           | 20.62          | 0.115        | 27.22         | 0.527       | 1                |
| 1717.5MHz_RB 1,#RB H             | Pass   | 6.6         | 21.18           | 21.18          | 0.131        | 27.78         | 0.600       | 1                |
| 1717.5MHz_RB 36,#RB L            | Pass   | 6.6         | 20.29           | 20.29          | 0.107        | 26.89         | 0.489       | 1                |
| 1717.5MHz_RB 36,#RB M            | Pass   | 6.6         | 20.32           | 20.32          | 0.108        | 26.92         | 0.492       | 1                |
| 1717.5MHz_RB 36,#RB H            | Pass   | 6.6         | 20.24           | 20.24          | 0.106        | 26.84         | 0.483       | 1                |
| 1745MHz_RB 75,#RB 0              | Pass   | 6.6         | 20.16           | 20.16          | 0.104        | 26.76         | 0.474       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 21.48           | 21.48          | 0.141        | 28.08         | 0.643       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 21.28           | 21.28          | 0.134        | 27.88         | 0.614       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.19           | 21.19          | 0.132        | 27.79         | 0.601       | 1                |
| 1745MHz_RB 36,#RB L              | Pass   | 6.6         | 20.18           | 20.18          | 0.104        | 26.78         | 0.476       | 1                |
| 1745MHz_RB 36,#RB M              | Pass   | 6.6         | 20.16           | 20.16          | 0.104        | 26.76         | 0.474       | 1                |
| 1745MHz_RB 36,#RB H              | Pass   | 6.6         | 20.07           | 20.07          | 0.102        | 26.67         | 0.465       | 1                |
| 1772.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 20.04           | 20.04          | 0.101        | 26.64         | 0.461       | 1                |
| 1772.5MHz_RB 1,#RB L             | Pass   | 6.6         | 21.01           | 21.01          | 0.126        | 27.61         | 0.577       | 1                |
| 1772.5MHz_RB 1,#RB M             | Pass   | 6.6         | 20.98           | 20.98          | 0.125        | 27.58         | 0.573       | 1                |
| 1772.5MHz_RB 1,#RB H             | Pass   | 6.6         | 21.24           | 21.24          | 0.133        | 27.84         | 0.608       | 1                |
| 1772.5MHz_RB 36,#RB L            | Pass   | 6.6         | 20.05           | 20.05          | 0.101        | 26.65         | 0.462       | 1                |
| 1772.5MHz_RB 36,#RB M            | Pass   | 6.6         | 19.99           | 19.99          | 0.100        | 26.59         | 0.456       | 1                |
| 1772.5MHz_RB 36,#RB H            | Pass   | 6.6         | 20.03           | 20.03          | 0.101        | 26.63         | 0.460       | 1                |
| Band 66_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 19.34           | 19.34          | 0.086        | 25.94         | 0.393       | 1                |
| 1717.5MHz_RB 1,#RB L             | Pass   | 6.6         | 20.39           | 20.39          | 0.109        | 26.99         | 0.500       | 1                |
| 1717.5MHz_RB 1,#RB M             | Pass   | 6.6         | 20.11           | 20.11          | 0.103        | 26.71         | 0.469       | 1                |
| 1717.5MHz_RB 1,#RB H             | Pass   | 6.6         | 20.38           | 20.38          | 0.109        | 26.98         | 0.499       | 1                |
| 1717.5MHz_RB 36,#RB L            | Pass   | 6.6         | 19.23           | 19.23          | 0.084        | 25.83         | 0.383       | 1                |
| 1717.5MHz_RB 36,#RB M            | Pass   | 6.6         | 19.34           | 19.34          | 0.086        | 25.94         | 0.393       | 1                |
| 1717.5MHz_RB 36,#RB H            | Pass   | 6.6         | 19.29           | 19.29          | 0.085        | 25.89         | 0.388       | 1                |
| 1745MHz_RB 75,#RB 0              | Pass   | 6.6         | 19.14           | 19.14          | 0.082        | 25.74         | 0.375       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 20.51           | 20.51          | 0.112        | 27.11         | 0.514       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 20.19           | 20.19          | 0.104        | 26.79         | 0.478       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 20.35           | 20.35          | 0.108        | 26.95         | 0.495       | 1                |
| 1745MHz_RB 36,#RB L              | Pass   | 6.6         | 19.16           | 19.16          | 0.082        | 25.76         | 0.377       | 1                |
| 1745MHz_RB 36,#RB M              | Pass   | 6.6         | 19.10           | 19.10          | 0.081        | 25.70         | 0.372       | 1                |
| 1745MHz_RB 36,#RB H              | Pass   | 6.6         | 19.07           | 19.07          | 0.081        | 25.67         | 0.369       | 1                |
| 1772.5MHz_RB 75,#RB 0            | Pass   | 6.6         | 19.06           | 19.06          | 0.081        | 25.66         | 0.368       | 1                |
| 1772.5MHz_RB 1,#RB L             | Pass   | 6.6         | 19.94           | 19.94          | 0.099        | 26.54         | 0.451       | 1                |
| 1772.5MHz_RB 1,#RB M             | Pass   | 6.6         | 19.83           | 19.83          | 0.096        | 26.43         | 0.440       | 1                |
| 1772.5MHz_RB 1,#RB H             | Pass   | 6.6         | 20.12           | 20.12          | 0.103        | 26.72         | 0.470       | 1                |
| 1772.5MHz_RB 36,#RB L            | Pass   | 6.6         | 19.09           | 19.09          | 0.081        | 25.69         | 0.371       | 1                |
| 1772.5MHz_RB 36,#RB M            | Pass   | 6.6         | 19.05           | 19.05          | 0.080        | 25.65         | 0.367       | 1                |
| 1772.5MHz_RB 36,#RB H            | Pass   | 6.6         | 19.05           | 19.05          | 0.080        | 25.65         | 0.367       | 1                |
| Band 66_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0             | Pass   | 6.6         | 20.92           | 20.92          | 0.124        | 27.52         | 0.565       | 1                |
| 1720MHz_RB 1,#RB L               | Pass   | 6.6         | 21.60           | 21.60          | 0.145        | 28.20         | 0.661       | 1                |
| 1720MHz_RB 1,#RB M               | Pass   | 6.6         | 21.52           | 21.52          | 0.142        | 28.12         | 0.649       | 1                |
| 1720MHz_RB 1,#RB H               | Pass   | 6.6         | 21.35           | 21.35          | 0.136        | 27.95         | 0.624       | 1                |



Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1720MHz_RB 50,#RB L              | Pass   | 6.6         | 21.18           | 21.18          | 0.131        | 27.78         | 0.600       | 1                |
| 1720MHz_RB 50,#RB M              | Pass   | 6.6         | 21.07           | 21.07          | 0.128        | 27.67         | 0.585       | 1                |
| 1720MHz_RB 50,#RB H              | Pass   | 6.6         | 21.08           | 21.08          | 0.128        | 27.68         | 0.586       | 1                |
| 1745MHz_RB 100,#RB 0             | Pass   | 6.6         | 20.95           | 20.95          | 0.124        | 27.55         | 0.569       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 22.00           | 22.00          | 0.158        | 28.60         | 0.724       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 21.88           | 21.88          | 0.154        | 28.48         | 0.705       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.85           | 21.85          | 0.153        | 28.45         | 0.700       | 1                |
| 1745MHz_RB 50,#RB L              | Pass   | 6.6         | 21.04           | 21.04          | 0.127        | 27.64         | 0.581       | 1                |
| 1745MHz_RB 50,#RB M              | Pass   | 6.6         | 20.97           | 20.97          | 0.125        | 27.57         | 0.571       | 1                |
| 1745MHz_RB 50,#RB H              | Pass   | 6.6         | 20.46           | 20.46          | 0.111        | 27.06         | 0.508       | 1                |
| 1770MHz_RB 100,#RB 0             | Pass   | 6.6         | 20.51           | 20.51          | 0.112        | 27.11         | 0.514       | 1                |
| 1770MHz_RB 1,#RB L               | Pass   | 6.6         | 21.44           | 21.44          | 0.139        | 28.04         | 0.637       | 1                |
| 1770MHz_RB 1,#RB M               | Pass   | 6.6         | 21.19           | 21.19          | 0.132        | 27.79         | 0.601       | 1                |
| 1770MHz_RB 1,#RB H               | Pass   | 6.6         | 21.30           | 21.30          | 0.135        | 27.90         | 0.617       | 1                |
| 1770MHz_RB 50,#RB L              | Pass   | 6.6         | 20.90           | 20.90          | 0.123        | 27.50         | 0.562       | 1                |
| 1770MHz_RB 50,#RB M              | Pass   | 6.6         | 20.83           | 20.83          | 0.121        | 27.43         | 0.553       | 1                |
| 1770MHz_RB 50,#RB H              | Pass   | 6.6         | 20.79           | 20.79          | 0.120        | 27.39         | 0.548       | 1                |
| Band 66_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0             | Pass   | 6.6         | 19.91           | 19.91          | 0.098        | 26.51         | 0.448       | 1                |
| 1720MHz_RB 1,#RB L               | Pass   | 6.6         | 20.80           | 20.80          | 0.120        | 27.40         | 0.550       | 1                |
| 1720MHz_RB 1,#RB M               | Pass   | 6.6         | 20.65           | 20.65          | 0.116        | 27.25         | 0.531       | 1                |
| 1720MHz_RB 1,#RB H               | Pass   | 6.6         | 20.53           | 20.53          | 0.113        | 27.13         | 0.516       | 1                |
| 1720MHz_RB 50,#RB L              | Pass   | 6.6         | 20.31           | 20.31          | 0.107        | 26.91         | 0.491       | 1                |
| 1720MHz_RB 50,#RB M              | Pass   | 6.6         | 20.21           | 20.21          | 0.105        | 26.81         | 0.480       | 1                |
| 1720MHz_RB 50,#RB H              | Pass   | 6.6         | 20.11           | 20.11          | 0.103        | 26.71         | 0.469       | 1                |
| 1745MHz_RB 100,#RB 0             | Pass   | 6.6         | 20.02           | 20.02          | 0.100        | 26.62         | 0.459       | 1                |
| 1745MHz_RB 1,#RB L               | Pass   | 6.6         | 21.22           | 21.22          | 0.132        | 27.82         | 0.605       | 1                |
| 1745MHz_RB 1,#RB M               | Pass   | 6.6         | 21.06           | 21.06          | 0.128        | 27.66         | 0.583       | 1                |
| 1745MHz_RB 1,#RB H               | Pass   | 6.6         | 21.20           | 21.20          | 0.132        | 27.80         | 0.603       | 1                |
| 1745MHz_RB 50,#RB L              | Pass   | 6.6         | 20.14           | 20.14          | 0.103        | 26.74         | 0.472       | 1                |
| 1745MHz_RB 50,#RB M              | Pass   | 6.6         | 20.08           | 20.08          | 0.102        | 26.68         | 0.466       | 1                |
| 1745MHz_RB 50,#RB H              | Pass   | 6.6         | 20.01           | 20.01          | 0.100        | 26.61         | 0.458       | 1                |
| 1770MHz_RB 100,#RB 0             | Pass   | 6.6         | 19.65           | 19.65          | 0.092        | 26.25         | 0.422       | 1                |
| 1770MHz_RB 1,#RB L               | Pass   | 6.6         | 20.61           | 20.61          | 0.115        | 27.21         | 0.526       | 1                |
| 1770MHz_RB 1,#RB M               | Pass   | 6.6         | 20.46           | 20.46          | 0.111        | 27.06         | 0.508       | 1                |
| 1770MHz_RB 1,#RB H               | Pass   | 6.6         | 20.54           | 20.54          | 0.113        | 27.14         | 0.518       | 1                |
| 1770MHz_RB 50,#RB L              | Pass   | 6.6         | 20.05           | 20.05          | 0.101        | 26.65         | 0.462       | 1                |
| 1770MHz_RB 50,#RB M              | Pass   | 6.6         | 19.98           | 19.98          | 0.100        | 26.58         | 0.455       | 1                |
| 1770MHz_RB 50,#RB H              | Pass   | 6.6         | 19.88           | 19.88          | 0.097        | 26.48         | 0.445       | 1                |
| Band 66_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0             | Pass   | 6.6         | 18.97           | 18.97          | 0.079        | 25.57         | 0.361       | 1                |
| 1720MHz_RB 1,#RB L               | Pass   | 6.6         | 19.70           | 19.70          | 0.093        | 26.30         | 0.427       | 1                |
| 1720MHz_RB 1,#RB M               | Pass   | 6.6         | 19.85           | 19.85          | 0.097        | 26.45         | 0.442       | 1                |
| 1720MHz_RB 1,#RB H               | Pass   | 6.6         | 19.65           | 19.65          | 0.092        | 26.25         | 0.422       | 1                |
| 1720MHz_RB 50,#RB L              | Pass   | 6.6         | 19.32           | 19.32          | 0.086        | 25.92         | 0.391       | 1                |
| 1720MHz_RB 50,#RB M              | Pass   | 6.6         | 19.22           | 19.22          | 0.084        | 25.82         | 0.382       | 1                |
| 1720MHz_RB 50,#RB H              | Pass   | 6.6         | 19.13           | 19.13          | 0.082        | 25.73         | 0.374       | 1                |
| 1745MHz_RB 100,#RB 0             | Pass   | 6.6         | 19.05           | 19.05          | 0.080        | 25.65         | 0.367       | 1                |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

| Mode                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1745MHz_RB 1,#RB L   | Pass   | 6.6         | 20.11           | 20.11          | 0.103        | 26.71         | 0.469       | 1                |
| 1745MHz_RB 1,#RB M   | Pass   | 6.6         | 20.00           | 20.00          | 0.100        | 26.60         | 0.457       | 1                |
| 1745MHz_RB 1,#RB H   | Pass   | 6.6         | 20.03           | 20.03          | 0.101        | 26.63         | 0.460       | 1                |
| 1745MHz_RB 50,#RB L  | Pass   | 6.6         | 19.15           | 19.15          | 0.082        | 25.75         | 0.376       | 1                |
| 1745MHz_RB 50,#RB M  | Pass   | 6.6         | 19.06           | 19.06          | 0.081        | 25.66         | 0.368       | 1                |
| 1745MHz_RB 50,#RB H  | Pass   | 6.6         | 19.03           | 19.03          | 0.080        | 25.63         | 0.366       | 1                |
| 1770MHz_RB 100,#RB 0 | Pass   | 6.6         | 18.77           | 18.77          | 0.075        | 25.37         | 0.344       | 1                |
| 1770MHz_RB 1,#RB L   | Pass   | 6.6         | 19.46           | 19.46          | 0.088        | 26.06         | 0.404       | 1                |
| 1770MHz_RB 1,#RB M   | Pass   | 6.6         | 19.44           | 19.44          | 0.088        | 26.04         | 0.402       | 1                |
| 1770MHz_RB 1,#RB H   | Pass   | 6.6         | 19.45           | 19.45          | 0.088        | 26.05         | 0.403       | 1                |
| 1770MHz_RB 50,#RB L  | Pass   | 6.6         | 19.02           | 19.02          | 0.080        | 25.62         | 0.365       | 1                |
| 1770MHz_RB 50,#RB M  | Pass   | 6.6         | 18.99           | 18.99          | 0.079        | 25.59         | 0.362       | 1                |
| 1770MHz_RB 50,#RB H  | Pass   | 6.6         | 18.92           | 18.92          | 0.078        | 25.52         | 0.356       | 1                |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 71                  | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX   | 22.66          | 0.185        | 23.21        | 0.209      |
| LTE_5MHz_Nss1,16QAM_1TX  | 21.91          | 0.155        | 22.46        | 0.176      |
| LTE_5MHz_Nss1,64QAM_1TX  | 20.80          | 0.120        | 21.35        | 0.136      |
| LTE_10MHz_Nss1,QPSK_1TX  | 22.75          | 0.188        | 23.30        | 0.214      |
| LTE_10MHz_Nss1,16QAM_1TX | 21.96          | 0.157        | 22.51        | 0.178      |
| LTE_10MHz_Nss1,64QAM_1TX | 20.92          | 0.124        | 21.47        | 0.140      |
| LTE_15MHz_Nss1,QPSK_1TX  | 22.71          | 0.187        | 23.26        | 0.212      |
| LTE_15MHz_Nss1,16QAM_1TX | 21.96          | 0.157        | 22.51        | 0.178      |
| LTE_15MHz_Nss1,64QAM_1TX | 20.95          | 0.124        | 21.50        | 0.141      |
| LTE_20MHz_Nss1,QPSK_1TX  | 22.74          | 0.188        | 23.29        | 0.213      |
| LTE_20MHz_Nss1,16QAM_1TX | 21.92          | 0.156        | 22.47        | 0.177      |
| LTE_20MHz_Nss1,64QAM_1TX | 20.91          | 0.123        | 21.46        | 0.140      |



Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 71_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 665.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 21.59           | 21.59          | 0.144        | 22.14        | 0.164      | 3.00            |
| 665.5MHz_RB 1,#RB L             | Pass   | 2.70        | 22.57           | 22.57          | 0.181        | 23.12        | 0.205      | 3.00            |
| 665.5MHz_RB 1,#RB M             | Pass   | 2.70        | 22.56           | 22.56          | 0.180        | 23.11        | 0.205      | 3.00            |
| 665.5MHz_RB 1,#RB H             | Pass   | 2.70        | 22.57           | 22.57          | 0.181        | 23.12        | 0.205      | 3.00            |
| 665.5MHz_RB 12,#RB L            | Pass   | 2.70        | 21.55           | 21.55          | 0.143        | 22.10        | 0.162      | 3.00            |
| 665.5MHz_RB 12,#RB M            | Pass   | 2.70        | 21.63           | 21.63          | 0.146        | 22.18        | 0.165      | 3.00            |
| 665.5MHz_RB 12,#RB H            | Pass   | 2.70        | 21.60           | 21.60          | 0.145        | 22.15        | 0.164      | 3.00            |
| 675.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 21.59           | 21.59          | 0.144        | 22.14        | 0.164      | 3.00            |
| 675.5MHz_RB 1,#RB L             | Pass   | 2.70        | 22.61           | 22.61          | 0.182        | 23.16        | 0.207      | 3.00            |
| 675.5MHz_RB 1,#RB M             | Pass   | 2.70        | 22.56           | 22.56          | 0.180        | 23.11        | 0.205      | 3.00            |
| 675.5MHz_RB 1,#RB H             | Pass   | 2.70        | 22.52           | 22.52          | 0.179        | 23.07        | 0.203      | 3.00            |
| 675.5MHz_RB 12,#RB L            | Pass   | 2.70        | 21.53           | 21.53          | 0.142        | 22.08        | 0.161      | 3.00            |
| 675.5MHz_RB 12,#RB M            | Pass   | 2.70        | 21.48           | 21.48          | 0.141        | 22.03        | 0.160      | 3.00            |
| 675.5MHz_RB 12,#RB H            | Pass   | 2.70        | 21.53           | 21.53          | 0.142        | 22.08        | 0.161      | 3.00            |
| 695.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 21.45           | 21.45          | 0.140        | 22.00        | 0.158      | 3.00            |
| 695.5MHz_RB 1,#RB L             | Pass   | 2.70        | 22.47           | 22.47          | 0.177        | 23.02        | 0.200      | 3.00            |
| 695.5MHz_RB 1,#RB M             | Pass   | 2.70        | 22.66           | 22.66          | 0.185        | 23.21        | 0.209      | 3.00            |
| 695.5MHz_RB 1,#RB H             | Pass   | 2.70        | 22.45           | 22.45          | 0.176        | 23.00        | 0.200      | 3.00            |
| 695.5MHz_RB 12,#RB L            | Pass   | 2.70        | 21.48           | 21.48          | 0.141        | 22.03        | 0.160      | 3.00            |
| 695.5MHz_RB 12,#RB M            | Pass   | 2.70        | 21.58           | 21.58          | 0.144        | 22.13        | 0.163      | 3.00            |
| 695.5MHz_RB 12,#RB H            | Pass   | 2.70        | 21.55           | 21.55          | 0.143        | 22.10        | 0.162      | 3.00            |
| Band 71_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 665.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 20.68           | 20.68          | 0.117        | 21.23        | 0.133      | 3.00            |
| 665.5MHz_RB 1,#RB L             | Pass   | 2.70        | 21.73           | 21.73          | 0.149        | 22.28        | 0.169      | 3.00            |
| 665.5MHz_RB 1,#RB M             | Pass   | 2.70        | 21.88           | 21.88          | 0.154        | 22.43        | 0.175      | 3.00            |
| 665.5MHz_RB 1,#RB H             | Pass   | 2.70        | 21.91           | 21.91          | 0.155        | 22.46        | 0.176      | 3.00            |
| 665.5MHz_RB 12,#RB L            | Pass   | 2.70        | 20.66           | 20.66          | 0.116        | 21.21        | 0.132      | 3.00            |
| 665.5MHz_RB 12,#RB M            | Pass   | 2.70        | 20.73           | 20.73          | 0.118        | 21.28        | 0.134      | 3.00            |
| 665.5MHz_RB 12,#RB H            | Pass   | 2.70        | 20.77           | 20.77          | 0.119        | 21.32        | 0.136      | 3.00            |
| 675.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 20.63           | 20.63          | 0.116        | 21.18        | 0.131      | 3.00            |
| 675.5MHz_RB 1,#RB L             | Pass   | 2.70        | 21.84           | 21.84          | 0.153        | 22.39        | 0.173      | 3.00            |
| 675.5MHz_RB 1,#RB M             | Pass   | 2.70        | 21.72           | 21.72          | 0.149        | 22.27        | 0.169      | 3.00            |
| 675.5MHz_RB 1,#RB H             | Pass   | 2.70        | 21.78           | 21.78          | 0.151        | 22.33        | 0.171      | 3.00            |
| 675.5MHz_RB 12,#RB L            | Pass   | 2.70        | 20.63           | 20.63          | 0.116        | 21.18        | 0.131      | 3.00            |
| 675.5MHz_RB 12,#RB M            | Pass   | 2.70        | 20.60           | 20.60          | 0.115        | 21.15        | 0.130      | 3.00            |
| 675.5MHz_RB 12,#RB H            | Pass   | 2.70        | 20.64           | 20.64          | 0.116        | 21.19        | 0.132      | 3.00            |
| 695.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 20.58           | 20.58          | 0.114        | 21.13        | 0.130      | 3.00            |
| 695.5MHz_RB 1,#RB L             | Pass   | 2.70        | 21.74           | 21.74          | 0.149        | 22.29        | 0.169      | 3.00            |
| 695.5MHz_RB 1,#RB M             | Pass   | 2.70        | 21.69           | 21.69          | 0.148        | 22.24        | 0.167      | 3.00            |
| 695.5MHz_RB 1,#RB H             | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 695.5MHz_RB 12,#RB L            | Pass   | 2.70        | 20.63           | 20.63          | 0.116        | 21.18        | 0.131      | 3.00            |
| 695.5MHz_RB 12,#RB M            | Pass   | 2.70        | 20.67           | 20.67          | 0.117        | 21.22        | 0.132      | 3.00            |
| 695.5MHz_RB 12,#RB H            | Pass   | 2.70        | 20.73           | 20.73          | 0.118        | 21.28        | 0.134      | 3.00            |
| Band 71_LTE_5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 665.5MHz_RB 25,#RB 0            | Pass   | 2.70        | 19.71           | 19.71          | 0.094        | 20.26        | 0.106      | 3.00            |
| 665.5MHz_RB 1,#RB L             | Pass   | 2.70        | 20.72           | 20.72          | 0.118        | 21.27        | 0.134      | 3.00            |

Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 665.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.76           | 20.76          | 0.119        | 21.31        | 0.135      | 3.00            |
| 665.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.78           | 20.78          | 0.120        | 21.33        | 0.136      | 3.00            |
| 665.5MHz_RB 12,#RB L             | Pass   | 2.70        | 19.65           | 19.65          | 0.092        | 20.20        | 0.105      | 3.00            |
| 665.5MHz_RB 12,#RB M             | Pass   | 2.70        | 19.72           | 19.72          | 0.094        | 20.27        | 0.106      | 3.00            |
| 665.5MHz_RB 12,#RB H             | Pass   | 2.70        | 19.72           | 19.72          | 0.094        | 20.27        | 0.106      | 3.00            |
| 675.5MHz_RB 25,#RB 0             | Pass   | 2.70        | 19.67           | 19.67          | 0.093        | 20.22        | 0.105      | 3.00            |
| 675.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.54           | 20.54          | 0.113        | 21.09        | 0.129      | 3.00            |
| 675.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.73           | 20.73          | 0.118        | 21.28        | 0.134      | 3.00            |
| 675.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.56           | 20.56          | 0.114        | 21.11        | 0.129      | 3.00            |
| 675.5MHz_RB 12,#RB L             | Pass   | 2.70        | 19.61           | 19.61          | 0.091        | 20.16        | 0.104      | 3.00            |
| 675.5MHz_RB 12,#RB M             | Pass   | 2.70        | 19.65           | 19.65          | 0.092        | 20.20        | 0.105      | 3.00            |
| 675.5MHz_RB 12,#RB H             | Pass   | 2.70        | 19.62           | 19.62          | 0.092        | 20.17        | 0.104      | 3.00            |
| 695.5MHz_RB 25,#RB 0             | Pass   | 2.70        | 19.53           | 19.53          | 0.090        | 20.08        | 0.102      | 3.00            |
| 695.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.67           | 20.67          | 0.117        | 21.22        | 0.132      | 3.00            |
| 695.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.80           | 20.80          | 0.120        | 21.35        | 0.136      | 3.00            |
| 695.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.69           | 20.69          | 0.117        | 21.24        | 0.133      | 3.00            |
| 695.5MHz_RB 12,#RB L             | Pass   | 2.70        | 19.61           | 19.61          | 0.091        | 20.16        | 0.104      | 3.00            |
| 695.5MHz_RB 12,#RB M             | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 695.5MHz_RB 12,#RB H             | Pass   | 2.70        | 19.65           | 19.65          | 0.092        | 20.20        | 0.105      | 3.00            |
| Band 71_LTE_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 668MHz_RB 50,#RB 0               | Pass   | 2.70        | 21.66           | 21.66          | 0.147        | 22.21        | 0.166      | 3.00            |
| 668MHz_RB 1,#RB L                | Pass   | 2.70        | 22.63           | 22.63          | 0.183        | 23.18        | 0.208      | 3.00            |
| 668MHz_RB 1,#RB M                | Pass   | 2.70        | 22.49           | 22.49          | 0.177        | 23.04        | 0.201      | 3.00            |
| 668MHz_RB 1,#RB H                | Pass   | 2.70        | 22.63           | 22.63          | 0.183        | 23.18        | 0.208      | 3.00            |
| 668MHz_RB 25,#RB L               | Pass   | 2.70        | 21.71           | 21.71          | 0.148        | 22.26        | 0.168      | 3.00            |
| 668MHz_RB 25,#RB M               | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 668MHz_RB 25,#RB H               | Pass   | 2.70        | 21.68           | 21.68          | 0.147        | 22.23        | 0.167      | 3.00            |
| 678MHz_RB 50,#RB 0               | Pass   | 2.70        | 21.59           | 21.59          | 0.144        | 22.14        | 0.164      | 3.00            |
| 678MHz_RB 1,#RB L                | Pass   | 2.70        | 22.48           | 22.48          | 0.177        | 23.03        | 0.201      | 3.00            |
| 678MHz_RB 1,#RB M                | Pass   | 2.70        | 22.65           | 22.65          | 0.184        | 23.20        | 0.209      | 3.00            |
| 678MHz_RB 1,#RB H                | Pass   | 2.70        | 22.45           | 22.45          | 0.176        | 23.00        | 0.200      | 3.00            |
| 678MHz_RB 25,#RB L               | Pass   | 2.70        | 21.65           | 21.65          | 0.146        | 22.20        | 0.166      | 3.00            |
| 678MHz_RB 25,#RB M               | Pass   | 2.70        | 21.62           | 21.62          | 0.145        | 22.17        | 0.165      | 3.00            |
| 678MHz_RB 25,#RB H               | Pass   | 2.70        | 21.44           | 21.44          | 0.139        | 21.99        | 0.158      | 3.00            |
| 693MHz_RB 50,#RB 0               | Pass   | 2.70        | 21.48           | 21.48          | 0.141        | 22.03        | 0.160      | 3.00            |
| 693MHz_RB 1,#RB L                | Pass   | 2.70        | 22.75           | 22.75          | 0.188        | 23.30        | 0.214      | 3.00            |
| 693MHz_RB 1,#RB M                | Pass   | 2.70        | 22.59           | 22.59          | 0.182        | 23.14        | 0.206      | 3.00            |
| 693MHz_RB 1,#RB H                | Pass   | 2.70        | 22.54           | 22.54          | 0.179        | 23.09        | 0.204      | 3.00            |
| 693MHz_RB 25,#RB L               | Pass   | 2.70        | 21.44           | 21.44          | 0.139        | 21.99        | 0.158      | 3.00            |
| 693MHz_RB 25,#RB M               | Pass   | 2.70        | 21.58           | 21.58          | 0.144        | 22.13        | 0.163      | 3.00            |
| 693MHz_RB 25,#RB H               | Pass   | 2.70        | 21.60           | 21.60          | 0.145        | 22.15        | 0.164      | 3.00            |
| Band 71_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 668MHz_RB 50,#RB 0               | Pass   | 2.70        | 20.79           | 20.79          | 0.120        | 21.34        | 0.136      | 3.00            |
| 668MHz_RB 1,#RB L                | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 668MHz_RB 1,#RB M                | Pass   | 2.70        | 21.87           | 21.87          | 0.154        | 22.42        | 0.175      | 3.00            |
| 668MHz_RB 1,#RB H                | Pass   | 2.70        | 21.85           | 21.85          | 0.153        | 22.40        | 0.174      | 3.00            |
| 668MHz_RB 25,#RB L               | Pass   | 2.70        | 20.80           | 20.80          | 0.120        | 21.35        | 0.136      | 3.00            |
| 668MHz_RB 25,#RB M               | Pass   | 2.70        | 20.87           | 20.87          | 0.122        | 21.42        | 0.139      | 3.00            |

Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 668MHz_RB 25,#RB H               | Pass   | 2.70        | 20.77           | 20.77          | 0.119        | 21.32        | 0.136      | 3.00            |
| 678MHz_RB 50,#RB O               | Pass   | 2.70        | 20.64           | 20.64          | 0.116        | 21.19        | 0.132      | 3.00            |
| 678MHz_RB 1,#RB L                | Pass   | 2.70        | 21.83           | 21.83          | 0.152        | 22.38        | 0.173      | 3.00            |
| 678MHz_RB 1,#RB M                | Pass   | 2.70        | 21.79           | 21.79          | 0.151        | 22.34        | 0.171      | 3.00            |
| 678MHz_RB 1,#RB H                | Pass   | 2.70        | 21.55           | 21.55          | 0.143        | 22.10        | 0.162      | 3.00            |
| 678MHz_RB 25,#RB L               | Pass   | 2.70        | 20.76           | 20.76          | 0.119        | 21.31        | 0.135      | 3.00            |
| 678MHz_RB 25,#RB M               | Pass   | 2.70        | 20.78           | 20.78          | 0.120        | 21.33        | 0.136      | 3.00            |
| 678MHz_RB 25,#RB H               | Pass   | 2.70        | 20.66           | 20.66          | 0.116        | 21.21        | 0.132      | 3.00            |
| 693MHz_RB 50,#RB O               | Pass   | 2.70        | 20.57           | 20.57          | 0.114        | 21.12        | 0.129      | 3.00            |
| 693MHz_RB 1,#RB L                | Pass   | 2.70        | 21.96           | 21.96          | 0.157        | 22.51        | 0.178      | 3.00            |
| 693MHz_RB 1,#RB M                | Pass   | 2.70        | 21.78           | 21.78          | 0.151        | 22.33        | 0.171      | 3.00            |
| 693MHz_RB 1,#RB H                | Pass   | 2.70        | 21.62           | 21.62          | 0.145        | 22.17        | 0.165      | 3.00            |
| 693MHz_RB 25,#RB L               | Pass   | 2.70        | 20.64           | 20.64          | 0.116        | 21.19        | 0.132      | 3.00            |
| 693MHz_RB 25,#RB M               | Pass   | 2.70        | 20.62           | 20.62          | 0.115        | 21.17        | 0.131      | 3.00            |
| 693MHz_RB 25,#RB H               | Pass   | 2.70        | 20.62           | 20.62          | 0.115        | 21.17        | 0.131      | 3.00            |
| Band 71_LTE_10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 668MHz_RB 50,#RB O               | Pass   | 2.70        | 19.77           | 19.77          | 0.095        | 20.32        | 0.108      | 3.00            |
| 668MHz_RB 1,#RB L                | Pass   | 2.70        | 20.86           | 20.86          | 0.122        | 21.41        | 0.138      | 3.00            |
| 668MHz_RB 1,#RB M                | Pass   | 2.70        | 20.70           | 20.70          | 0.117        | 21.25        | 0.133      | 3.00            |
| 668MHz_RB 1,#RB H                | Pass   | 2.70        | 20.83           | 20.83          | 0.121        | 21.38        | 0.137      | 3.00            |
| 668MHz_RB 25,#RB L               | Pass   | 2.70        | 19.77           | 19.77          | 0.095        | 20.32        | 0.108      | 3.00            |
| 668MHz_RB 25,#RB M               | Pass   | 2.70        | 19.78           | 19.78          | 0.095        | 20.33        | 0.108      | 3.00            |
| 668MHz_RB 25,#RB H               | Pass   | 2.70        | 19.80           | 19.80          | 0.095        | 20.35        | 0.108      | 3.00            |
| 678MHz_RB 50,#RB O               | Pass   | 2.70        | 19.69           | 19.69          | 0.093        | 20.24        | 0.106      | 3.00            |
| 678MHz_RB 1,#RB L                | Pass   | 2.70        | 20.71           | 20.71          | 0.118        | 21.26        | 0.134      | 3.00            |
| 678MHz_RB 1,#RB M                | Pass   | 2.70        | 20.49           | 20.49          | 0.112        | 21.04        | 0.127      | 3.00            |
| 678MHz_RB 1,#RB H                | Pass   | 2.70        | 20.71           | 20.71          | 0.118        | 21.26        | 0.134      | 3.00            |
| 678MHz_RB 25,#RB L               | Pass   | 2.70        | 19.74           | 19.74          | 0.094        | 20.29        | 0.107      | 3.00            |
| 678MHz_RB 25,#RB M               | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 678MHz_RB 25,#RB H               | Pass   | 2.70        | 19.60           | 19.60          | 0.091        | 20.15        | 0.104      | 3.00            |
| 693MHz_RB 50,#RB O               | Pass   | 2.70        | 19.60           | 19.60          | 0.091        | 20.15        | 0.104      | 3.00            |
| 693MHz_RB 1,#RB L                | Pass   | 2.70        | 20.70           | 20.70          | 0.117        | 21.25        | 0.133      | 3.00            |
| 693MHz_RB 1,#RB M                | Pass   | 2.70        | 20.92           | 20.92          | 0.124        | 21.47        | 0.140      | 3.00            |
| 693MHz_RB 1,#RB H                | Pass   | 2.70        | 20.50           | 20.50          | 0.112        | 21.05        | 0.127      | 3.00            |
| 693MHz_RB 25,#RB L               | Pass   | 2.70        | 19.64           | 19.64          | 0.092        | 20.19        | 0.104      | 3.00            |
| 693MHz_RB 25,#RB M               | Pass   | 2.70        | 19.68           | 19.68          | 0.093        | 20.23        | 0.105      | 3.00            |
| 693MHz_RB 25,#RB H               | Pass   | 2.70        | 19.61           | 19.61          | 0.091        | 20.16        | 0.104      | 3.00            |
| Band 71_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 670.5MHz_RB 75,#RB O             | Pass   | 2.70        | 21.73           | 21.73          | 0.149        | 22.28        | 0.169      | 3.00            |
| 670.5MHz_RB 1,#RB L              | Pass   | 2.70        | 22.67           | 22.67          | 0.185        | 23.22        | 0.210      | 3.00            |
| 670.5MHz_RB 1,#RB M              | Pass   | 2.70        | 22.62           | 22.62          | 0.183        | 23.17        | 0.207      | 3.00            |
| 670.5MHz_RB 1,#RB H              | Pass   | 2.70        | 22.43           | 22.43          | 0.175        | 22.98        | 0.199      | 3.00            |
| 670.5MHz_RB 36,#RB L             | Pass   | 2.70        | 21.73           | 21.73          | 0.149        | 22.28        | 0.169      | 3.00            |
| 670.5MHz_RB 36,#RB M             | Pass   | 2.70        | 21.75           | 21.75          | 0.150        | 22.30        | 0.170      | 3.00            |
| 670.5MHz_RB 36,#RB H             | Pass   | 2.70        | 21.56           | 21.56          | 0.143        | 22.11        | 0.163      | 3.00            |
| 680.5MHz_RB 75,#RB O             | Pass   | 2.70        | 21.56           | 21.56          | 0.143        | 22.11        | 0.163      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 22.71           | 22.71          | 0.187        | 23.26        | 0.212      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 22.60           | 22.60          | 0.182        | 23.15        | 0.207      | 3.00            |

Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 22.54           | 22.54          | 0.179        | 23.09        | 0.204      | 3.00            |
| 680.5MHz_RB 36,#RB L             | Pass   | 2.70        | 21.66           | 21.66          | 0.147        | 22.21        | 0.166      | 3.00            |
| 680.5MHz_RB 36,#RB M             | Pass   | 2.70        | 21.57           | 21.57          | 0.144        | 22.12        | 0.163      | 3.00            |
| 680.5MHz_RB 36,#RB H             | Pass   | 2.70        | 21.43           | 21.43          | 0.139        | 21.98        | 0.158      | 3.00            |
| 690.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 21.61           | 21.61          | 0.145        | 22.16        | 0.164      | 3.00            |
| 690.5MHz_RB 1,#RB L              | Pass   | 2.70        | 22.57           | 22.57          | 0.181        | 23.12        | 0.205      | 3.00            |
| 690.5MHz_RB 1,#RB M              | Pass   | 2.70        | 22.62           | 22.62          | 0.183        | 23.17        | 0.207      | 3.00            |
| 690.5MHz_RB 1,#RB H              | Pass   | 2.70        | 22.53           | 22.53          | 0.179        | 23.08        | 0.203      | 3.00            |
| 690.5MHz_RB 36,#RB L             | Pass   | 2.70        | 21.51           | 21.51          | 0.142        | 22.06        | 0.161      | 3.00            |
| 690.5MHz_RB 36,#RB M             | Pass   | 2.70        | 21.58           | 21.58          | 0.144        | 22.13        | 0.163      | 3.00            |
| 690.5MHz_RB 36,#RB H             | Pass   | 2.70        | 21.50           | 21.50          | 0.141        | 22.05        | 0.160      | 3.00            |
| Band 71_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 670.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 20.77           | 20.77          | 0.119        | 21.32        | 0.136      | 3.00            |
| 670.5MHz_RB 1,#RB L              | Pass   | 2.70        | 21.75           | 21.75          | 0.150        | 22.30        | 0.170      | 3.00            |
| 670.5MHz_RB 1,#RB M              | Pass   | 2.70        | 21.85           | 21.85          | 0.153        | 22.40        | 0.174      | 3.00            |
| 670.5MHz_RB 1,#RB H              | Pass   | 2.70        | 21.81           | 21.81          | 0.152        | 22.36        | 0.172      | 3.00            |
| 670.5MHz_RB 36,#RB L             | Pass   | 2.70        | 20.79           | 20.79          | 0.120        | 21.34        | 0.136      | 3.00            |
| 670.5MHz_RB 36,#RB M             | Pass   | 2.70        | 20.84           | 20.84          | 0.121        | 21.39        | 0.138      | 3.00            |
| 670.5MHz_RB 36,#RB H             | Pass   | 2.70        | 20.64           | 20.64          | 0.116        | 21.19        | 0.132      | 3.00            |
| 680.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 20.63           | 20.63          | 0.116        | 21.18        | 0.131      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 21.96           | 21.96          | 0.157        | 22.51        | 0.178      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 21.86           | 21.86          | 0.153        | 22.41        | 0.174      | 3.00            |
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 21.56           | 21.56          | 0.143        | 22.11        | 0.163      | 3.00            |
| 680.5MHz_RB 36,#RB L             | Pass   | 2.70        | 20.74           | 20.74          | 0.119        | 21.29        | 0.135      | 3.00            |
| 680.5MHz_RB 36,#RB M             | Pass   | 2.70        | 20.70           | 20.70          | 0.117        | 21.25        | 0.133      | 3.00            |
| 680.5MHz_RB 36,#RB H             | Pass   | 2.70        | 20.56           | 20.56          | 0.114        | 21.11        | 0.129      | 3.00            |
| 690.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 20.68           | 20.68          | 0.117        | 21.23        | 0.133      | 3.00            |
| 690.5MHz_RB 1,#RB L              | Pass   | 2.70        | 21.77           | 21.77          | 0.150        | 22.32        | 0.171      | 3.00            |
| 690.5MHz_RB 1,#RB M              | Pass   | 2.70        | 21.60           | 21.60          | 0.145        | 22.15        | 0.164      | 3.00            |
| 690.5MHz_RB 1,#RB H              | Pass   | 2.70        | 21.78           | 21.78          | 0.151        | 22.33        | 0.171      | 3.00            |
| 690.5MHz_RB 36,#RB L             | Pass   | 2.70        | 20.57           | 20.57          | 0.114        | 21.12        | 0.129      | 3.00            |
| 690.5MHz_RB 36,#RB M             | Pass   | 2.70        | 20.69           | 20.69          | 0.117        | 21.24        | 0.133      | 3.00            |
| 690.5MHz_RB 36,#RB H             | Pass   | 2.70        | 20.62           | 20.62          | 0.115        | 21.17        | 0.131      | 3.00            |
| Band 71_LTE_15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 670.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 19.79           | 19.79          | 0.095        | 20.34        | 0.108      | 3.00            |
| 670.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.90           | 20.90          | 0.123        | 21.45        | 0.140      | 3.00            |
| 670.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.83           | 20.83          | 0.121        | 21.38        | 0.137      | 3.00            |
| 670.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.54           | 20.54          | 0.113        | 21.09        | 0.129      | 3.00            |
| 670.5MHz_RB 36,#RB L             | Pass   | 2.70        | 19.84           | 19.84          | 0.096        | 20.39        | 0.109      | 3.00            |
| 670.5MHz_RB 36,#RB M             | Pass   | 2.70        | 19.84           | 19.84          | 0.096        | 20.39        | 0.109      | 3.00            |
| 670.5MHz_RB 36,#RB H             | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 680.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.95           | 20.95          | 0.124        | 21.50        | 0.141      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.60           | 20.60          | 0.115        | 21.15        | 0.130      | 3.00            |
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.62           | 20.62          | 0.115        | 21.17        | 0.131      | 3.00            |
| 680.5MHz_RB 36,#RB L             | Pass   | 2.70        | 19.75           | 19.75          | 0.094        | 20.30        | 0.107      | 3.00            |
| 680.5MHz_RB 36,#RB M             | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 680.5MHz_RB 36,#RB H             | Pass   | 2.70        | 19.56           | 19.56          | 0.090        | 20.11        | 0.103      | 3.00            |

## Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 690.5MHz_RB 75,#RB 0             | Pass   | 2.70        | 19.69           | 19.69          | 0.093        | 20.24        | 0.106      | 3.00            |
| 690.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.54           | 20.54          | 0.113        | 21.09        | 0.129      | 3.00            |
| 690.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.90           | 20.90          | 0.123        | 21.45        | 0.140      | 3.00            |
| 690.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.90           | 20.90          | 0.123        | 21.45        | 0.140      | 3.00            |
| 690.5MHz_RB 36,#RB L             | Pass   | 2.70        | 19.58           | 19.58          | 0.091        | 20.13        | 0.103      | 3.00            |
| 690.5MHz_RB 36,#RB M             | Pass   | 2.70        | 19.70           | 19.70          | 0.093        | 20.25        | 0.106      | 3.00            |
| 690.5MHz_RB 36,#RB H             | Pass   | 2.70        | 19.60           | 19.60          | 0.091        | 20.15        | 0.104      | 3.00            |
| Band 71_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 673MHz_RB 100,#RB 0              | Pass   | 2.70        | 21.68           | 21.68          | 0.147        | 22.23        | 0.167      | 3.00            |
| 673MHz_RB 1,#RB L                | Pass   | 2.70        | 22.70           | 22.70          | 0.186        | 23.25        | 0.211      | 3.00            |
| 673MHz_RB 1,#RB M                | Pass   | 2.70        | 22.74           | 22.74          | 0.188        | 23.29        | 0.213      | 3.00            |
| 673MHz_RB 1,#RB H                | Pass   | 2.70        | 22.46           | 22.46          | 0.176        | 23.01        | 0.200      | 3.00            |
| 673MHz_RB 50,#RB L               | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 673MHz_RB 50,#RB M               | Pass   | 2.70        | 21.75           | 21.75          | 0.150        | 22.30        | 0.170      | 3.00            |
| 673MHz_RB 50,#RB H               | Pass   | 2.70        | 21.67           | 21.67          | 0.147        | 22.22        | 0.167      | 3.00            |
| 680.5MHz_RB 100,#RB 0            | Pass   | 2.70        | 21.67           | 21.67          | 0.147        | 22.22        | 0.167      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 22.74           | 22.74          | 0.188        | 23.29        | 0.213      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 22.54           | 22.54          | 0.179        | 23.09        | 0.204      | 3.00            |
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 22.45           | 22.45          | 0.176        | 23.00        | 0.200      | 3.00            |
| 680.5MHz_RB 50,#RB L             | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 680.5MHz_RB 50,#RB M             | Pass   | 2.70        | 21.70           | 21.70          | 0.148        | 22.25        | 0.168      | 3.00            |
| 680.5MHz_RB 50,#RB H             | Pass   | 2.70        | 21.54           | 21.54          | 0.143        | 22.09        | 0.162      | 3.00            |
| 688MHz_RB 100,#RB 0              | Pass   | 2.70        | 21.55           | 21.55          | 0.143        | 22.10        | 0.162      | 3.00            |
| 688MHz_RB 1,#RB L                | Pass   | 2.70        | 22.73           | 22.73          | 0.187        | 23.28        | 0.213      | 3.00            |
| 688MHz_RB 1,#RB M                | Pass   | 2.70        | 22.60           | 22.60          | 0.182        | 23.15        | 0.207      | 3.00            |
| 688MHz_RB 1,#RB H                | Pass   | 2.70        | 22.61           | 22.61          | 0.182        | 23.16        | 0.207      | 3.00            |
| 688MHz_RB 50,#RB L               | Pass   | 2.70        | 21.61           | 21.61          | 0.145        | 22.16        | 0.164      | 3.00            |
| 688MHz_RB 50,#RB M               | Pass   | 2.70        | 21.55           | 21.55          | 0.143        | 22.10        | 0.162      | 3.00            |
| 688MHz_RB 50,#RB H               | Pass   | 2.70        | 21.61           | 21.61          | 0.145        | 22.16        | 0.164      | 3.00            |
| Band 71_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 673MHz_RB 100,#RB 0              | Pass   | 2.70        | 20.76           | 20.76          | 0.119        | 21.31        | 0.135      | 3.00            |
| 673MHz_RB 1,#RB L                | Pass   | 2.70        | 21.92           | 21.92          | 0.156        | 22.47        | 0.177      | 3.00            |
| 673MHz_RB 1,#RB M                | Pass   | 2.70        | 21.82           | 21.82          | 0.152        | 22.37        | 0.173      | 3.00            |
| 673MHz_RB 1,#RB H                | Pass   | 2.70        | 21.76           | 21.76          | 0.150        | 22.31        | 0.170      | 3.00            |
| 673MHz_RB 50,#RB L               | Pass   | 2.70        | 20.90           | 20.90          | 0.123        | 21.45        | 0.140      | 3.00            |
| 673MHz_RB 50,#RB M               | Pass   | 2.70        | 20.82           | 20.82          | 0.121        | 21.37        | 0.137      | 3.00            |
| 673MHz_RB 50,#RB H               | Pass   | 2.70        | 20.76           | 20.76          | 0.119        | 21.31        | 0.135      | 3.00            |
| 680.5MHz_RB 100,#RB 0            | Pass   | 2.70        | 20.72           | 20.72          | 0.118        | 21.27        | 0.134      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 21.72           | 21.72          | 0.149        | 22.27        | 0.169      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 21.87           | 21.87          | 0.154        | 22.42        | 0.175      | 3.00            |
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 21.54           | 21.54          | 0.143        | 22.09        | 0.162      | 3.00            |
| 680.5MHz_RB 50,#RB L             | Pass   | 2.70        | 20.85           | 20.85          | 0.122        | 21.40        | 0.138      | 3.00            |
| 680.5MHz_RB 50,#RB M             | Pass   | 2.70        | 20.81           | 20.81          | 0.121        | 21.36        | 0.137      | 3.00            |
| 680.5MHz_RB 50,#RB H             | Pass   | 2.70        | 20.64           | 20.64          | 0.116        | 21.19        | 0.132      | 3.00            |
| 688MHz_RB 100,#RB 0              | Pass   | 2.70        | 20.66           | 20.66          | 0.116        | 21.21        | 0.132      | 3.00            |
| 688MHz_RB 1,#RB L                | Pass   | 2.70        | 21.90           | 21.90          | 0.155        | 22.45        | 0.176      | 3.00            |
| 688MHz_RB 1,#RB M                | Pass   | 2.70        | 21.78           | 21.78          | 0.151        | 22.33        | 0.171      | 3.00            |
| 688MHz_RB 1,#RB H                | Pass   | 2.70        | 21.62           | 21.62          | 0.145        | 22.17        | 0.165      | 3.00            |



Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 688MHz_RB 50,#RB L               | Pass   | 2.70        | 20.71           | 20.71          | 0.118        | 21.26        | 0.134      | 3.00            |
| 688MHz_RB 50,#RB M               | Pass   | 2.70        | 20.66           | 20.66          | 0.116        | 21.21        | 0.132      | 3.00            |
| 688MHz_RB 50,#RB H               | Pass   | 2.70        | 20.68           | 20.68          | 0.117        | 21.23        | 0.133      | 3.00            |
| Band 71_LTE_20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| 673MHz_RB 100,#RB 0              | Pass   | 2.70        | 19.75           | 19.75          | 0.094        | 20.30        | 0.107      | 3.00            |
| 673MHz_RB 1,#RB L                | Pass   | 2.70        | 20.91           | 20.91          | 0.123        | 21.46        | 0.140      | 3.00            |
| 673MHz_RB 1,#RB M                | Pass   | 2.70        | 20.86           | 20.86          | 0.122        | 21.41        | 0.138      | 3.00            |
| 673MHz_RB 1,#RB H                | Pass   | 2.70        | 20.73           | 20.73          | 0.118        | 21.28        | 0.134      | 3.00            |
| 673MHz_RB 50,#RB L               | Pass   | 2.70        | 19.90           | 19.90          | 0.098        | 20.45        | 0.111      | 3.00            |
| 673MHz_RB 50,#RB M               | Pass   | 2.70        | 19.88           | 19.88          | 0.097        | 20.43        | 0.110      | 3.00            |
| 673MHz_RB 50,#RB H               | Pass   | 2.70        | 19.75           | 19.75          | 0.094        | 20.30        | 0.107      | 3.00            |
| 680.5MHz_RB 100,#RB 0            | Pass   | 2.70        | 19.77           | 19.77          | 0.095        | 20.32        | 0.108      | 3.00            |
| 680.5MHz_RB 1,#RB L              | Pass   | 2.70        | 20.71           | 20.71          | 0.118        | 21.26        | 0.134      | 3.00            |
| 680.5MHz_RB 1,#RB M              | Pass   | 2.70        | 20.77           | 20.77          | 0.119        | 21.32        | 0.136      | 3.00            |
| 680.5MHz_RB 1,#RB H              | Pass   | 2.70        | 20.71           | 20.71          | 0.118        | 21.26        | 0.134      | 3.00            |
| 680.5MHz_RB 50,#RB L             | Pass   | 2.70        | 19.87           | 19.87          | 0.097        | 20.42        | 0.110      | 3.00            |
| 680.5MHz_RB 50,#RB M             | Pass   | 2.70        | 19.76           | 19.76          | 0.095        | 20.31        | 0.107      | 3.00            |
| 680.5MHz_RB 50,#RB H             | Pass   | 2.70        | 19.64           | 19.64          | 0.092        | 20.19        | 0.104      | 3.00            |
| 688MHz_RB 100,#RB 0              | Pass   | 2.70        | 19.65           | 19.65          | 0.092        | 20.20        | 0.105      | 3.00            |
| 688MHz_RB 1,#RB L                | Pass   | 2.70        | 20.85           | 20.85          | 0.122        | 21.40        | 0.138      | 3.00            |
| 688MHz_RB 1,#RB M                | Pass   | 2.70        | 20.89           | 20.89          | 0.123        | 21.44        | 0.139      | 3.00            |
| 688MHz_RB 1,#RB H                | Pass   | 2.70        | 20.77           | 20.77          | 0.119        | 21.32        | 0.136      | 3.00            |
| 688MHz_RB 50,#RB L               | Pass   | 2.70        | 19.67           | 19.67          | 0.093        | 20.22        | 0.105      | 3.00            |
| 688MHz_RB 50,#RB M               | Pass   | 2.70        | 19.67           | 19.67          | 0.093        | 20.22        | 0.105      | 3.00            |
| 688MHz_RB 50,#RB H               | Pass   | 2.70        | 19.65           | 19.65          | 0.092        | 20.20        | 0.105      | 3.00            |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 19 / EUT 2 + Set 3 antenna (LTE Band 5\_2CA)

**Summary**

| Mode                           | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------------|----------------|--------------|--------------|------------|
| Band 5                         | -              | -            | -            | -          |
| LTE_5MHz+10MHz_Nss1,QPSK_1TX   | 21.10          | 0.129        | 22.95        | 0.197      |
| LTE_5MHz+10MHz_Nss1,16QAM_1TX  | 20.17          | 0.104        | 22.02        | 0.159      |
| LTE_5MHz+10MHz_Nss1,64QAM_1TX  | 20.17          | 0.104        | 22.02        | 0.159      |
| LTE_10MHz+5MHz_Nss1,QPSK_1TX   | 21.05          | 0.127        | 22.90        | 0.195      |
| LTE_10MHz+5MHz_Nss1,16QAM_1TX  | 20.20          | 0.105        | 22.05        | 0.160      |
| LTE_10MHz+5MHz_Nss1,64QAM_1TX  | 20.19          | 0.104        | 22.04        | 0.160      |
| LTE_10MHz+10MHz_Nss1,QPSK_1TX  | 21.12          | 0.129        | 22.97        | 0.198      |
| LTE_10MHz+10MHz_Nss1,16QAM_1TX | 20.16          | 0.104        | 22.01        | 0.159      |
| LTE_10MHz+10MHz_Nss1,64QAM_1TX | 20.20          | 0.105        | 22.05        | 0.160      |

Test Mode: Mode 19 / EUT 2 + Set 3 antenna (LTE Band 5\_2CA)

## Result

| Mode                                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|--------------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| Band 5_LTE_5MHz+10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| C#826.8MHz,#834MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.98           | 20.98          | 0.125        | 22.83        | 0.192      | 7.00            |
| C#826.8MHz,#834MHz_P_1@L+S_1@H       | Pass   | 4.00        | 12.88           | 12.88          | 0.019        | 14.73        | 0.030      | 7.00            |
| C#831.8MHz,#839MHz_P_25@L+S_50@L     | Pass   | 4.00        | 21.10           | 21.10          | 0.129        | 22.95        | 0.197      | 7.00            |
| C#831.8MHz,#839MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.02           | 13.02          | 0.020        | 14.87        | 0.031      | 7.00            |
| C#836.8MHz,#844MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.99           | 20.99          | 0.126        | 22.84        | 0.192      | 7.00            |
| C#836.8MHz,#844MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.00           | 13.00          | 0.020        | 14.85        | 0.031      | 7.00            |
| Band 5_LTE_5MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| C#826.8MHz,#834MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.04           | 20.04          | 0.101        | 21.89        | 0.155      | 7.00            |
| C#826.8MHz,#834MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.20           | 13.20          | 0.021        | 15.05        | 0.032      | 7.00            |
| C#831.8MHz,#839MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.17           | 20.17          | 0.104        | 22.02        | 0.159      | 7.00            |
| C#831.8MHz,#839MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.14           | 13.14          | 0.021        | 14.99        | 0.032      | 7.00            |
| C#836.8MHz,#844MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.12           | 20.12          | 0.103        | 21.97        | 0.157      | 7.00            |
| C#836.8MHz,#844MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.43           | 13.43          | 0.022        | 15.28        | 0.034      | 7.00            |
| Band 5_LTE_5MHz+10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| C#826.8MHz,#834MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.10           | 20.10          | 0.102        | 21.95        | 0.157      | 7.00            |
| C#826.8MHz,#834MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.09           | 13.09          | 0.020        | 14.94        | 0.031      | 7.00            |
| C#831.8MHz,#839MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.17           | 20.17          | 0.104        | 22.02        | 0.159      | 7.00            |
| C#831.8MHz,#839MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.17           | 13.17          | 0.021        | 15.02        | 0.032      | 7.00            |
| C#836.8MHz,#844MHz_P_25@L+S_50@L     | Pass   | 4.00        | 20.13           | 20.13          | 0.103        | 21.98        | 0.158      | 7.00            |
| C#836.8MHz,#844MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.29           | 13.29          | 0.021        | 15.14        | 0.033      | 7.00            |
| Band 5_LTE_10MHz+5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| C#829MHz,#836.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 21.05           | 21.05          | 0.127        | 22.90        | 0.195      | 7.00            |
| C#829MHz,#836.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 12.95           | 12.95          | 0.020        | 14.80        | 0.030      | 7.00            |
| C#834MHz,#841.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 21.05           | 21.05          | 0.127        | 22.90        | 0.195      | 7.00            |
| C#834MHz,#841.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 12.91           | 12.91          | 0.020        | 14.76        | 0.030      | 7.00            |
| C#839MHz,#846.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 21.00           | 21.00          | 0.126        | 22.85        | 0.193      | 7.00            |
| C#839MHz,#846.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.12           | 13.12          | 0.021        | 14.97        | 0.031      | 7.00            |
| Band 5_LTE_10MHz+5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| C#829MHz,#836.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.15           | 20.15          | 0.104        | 22.00        | 0.158      | 7.00            |
| C#829MHz,#836.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.12           | 13.12          | 0.021        | 14.97        | 0.031      | 7.00            |
| C#834MHz,#841.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.20           | 20.20          | 0.105        | 22.05        | 0.160      | 7.00            |
| C#834MHz,#841.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.28           | 13.28          | 0.021        | 15.13        | 0.033      | 7.00            |
| C#839MHz,#846.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.15           | 20.15          | 0.104        | 22.00        | 0.158      | 7.00            |
| C#839MHz,#846.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.21           | 13.21          | 0.021        | 15.06        | 0.032      | 7.00            |
| Band 5_LTE_10MHz+5MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| C#829MHz,#836.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.19           | 20.19          | 0.104        | 22.04        | 0.160      | 7.00            |
| C#829MHz,#836.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.20           | 13.20          | 0.021        | 15.05        | 0.032      | 7.00            |
| C#834MHz,#841.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.19           | 20.19          | 0.104        | 22.04        | 0.160      | 7.00            |
| C#834MHz,#841.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.20           | 13.20          | 0.021        | 15.05        | 0.032      | 7.00            |
| C#839MHz,#846.2MHz_P_50@L+S_25@L     | Pass   | 4.00        | 20.11           | 20.11          | 0.103        | 21.96        | 0.157      | 7.00            |
| C#839MHz,#846.2MHz_P_1@L+S_1@H       | Pass   | 4.00        | 13.36           | 13.36          | 0.022        | 15.21        | 0.033      | 7.00            |
| Band 5_LTE_10MHz+10MHz_Nss1,QPSK_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| C#829MHz,#838.9MHz_P_50@L+S_50@L     | Pass   | 4.00        | 21.04           | 21.04          | 0.127        | 22.89        | 0.195      | 7.00            |
| C#829MHz,#838.9MHz_P_1@L+S_1@H       | Pass   | 4.00        | 12.47           | 12.47          | 0.018        | 14.32        | 0.027      | 7.00            |
| C#831.6MHz,#841.5MHz_P_50@L+S_50@L   | Pass   | 4.00        | 21.12           | 21.12          | 0.129        | 22.97        | 0.198      | 7.00            |
| C#831.6MHz,#841.5MHz_P_1@L+S_1@H     | Pass   | 4.00        | 12.54           | 12.54          | 0.018        | 14.39        | 0.027      | 7.00            |

Test Mode: Mode 19 / EUT 2 + Set 3 antenna (LTE Band 5\_2CA)

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) | ERP Lim.<br>(W) |
|---------------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| C#834.1MHz,#844MHz_P_50@L+S_50@L      | Pass   | 4.00        | 21.08           | 21.08          | 0.128        | 22.93        | 0.196      | 7.00            |
| C#834.1MHz,#844MHz_P_1@L+S_1@H        | Pass   | 4.00        | 12.59           | 12.59          | 0.018        | 14.44        | 0.028      | 7.00            |
| Band 5_LTE_10MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| C#829MHz,#838.9MHz_P_50@L+S_50@L      | Pass   | 4.00        | 20.11           | 20.11          | 0.103        | 21.96        | 0.157      | 7.00            |
| C#829MHz,#838.9MHz_P_1@L+S_1@H        | Pass   | 4.00        | 12.56           | 12.56          | 0.018        | 14.41        | 0.028      | 7.00            |
| C#831.6MHz,#841.5MHz_P_50@L+S_50@L    | Pass   | 4.00        | 20.16           | 20.16          | 0.104        | 22.01        | 0.159      | 7.00            |
| C#831.6MHz,#841.5MHz_P_1@L+S_1@H      | Pass   | 4.00        | 12.84           | 12.84          | 0.019        | 14.69        | 0.029      | 7.00            |
| C#834.1MHz,#844MHz_P_50@L+S_50@L      | Pass   | 4.00        | 20.14           | 20.14          | 0.103        | 21.99        | 0.158      | 7.00            |
| C#834.1MHz,#844MHz_P_1@L+S_1@H        | Pass   | 4.00        | 12.64           | 12.64          | 0.018        | 14.49        | 0.028      | 7.00            |
| Band 5_LTE_10MHz+10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            |              |            | -               |
| C#829MHz,#838.9MHz_P_50@L+S_50@L      | Pass   | 4.00        | 20.10           | 20.10          | 0.102        | 21.95        | 0.157      | 7.00            |
| C#829MHz,#838.9MHz_P_1@L+S_1@H        | Pass   | 4.00        | 12.56           | 12.56          | 0.018        | 14.41        | 0.028      | 7.00            |
| C#831.6MHz,#841.5MHz_P_50@L+S_50@L    | Pass   | 4.00        | 20.19           | 20.19          | 0.104        | 22.04        | 0.160      | 7.00            |
| C#831.6MHz,#841.5MHz_P_1@L+S_1@H      | Pass   | 4.00        | 12.85           | 12.85          | 0.019        | 14.70        | 0.030      | 7.00            |
| C#834.1MHz,#844MHz_P_50@L+S_50@L      | Pass   | 4.00        | 20.20           | 20.20          | 0.105        | 22.05        | 0.160      | 7.00            |
| C#834.1MHz,#844MHz_P_1@L+S_1@H        | Pass   | 4.00        | 12.86           | 12.86          | 0.019        | 14.71        | 0.030      | 7.00            |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 20 / EUT 2 + Set 3 antenna (LTE Band 7\_2CA)

**Summary**

| Mode                           | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------|--------------|---------------|-------------|
| Band 7                         | -              | -            | -             | -           |
| LTE_10MHz+20MHz_Nss1,QPSK_1TX  | 21.13          | 0.130        | 28.03         | 0.6353      |
| LTE_10MHz+20MHz_Nss1,64QAM_1TX | 20.25          | 0.106        | 27.15         | 0.5188      |
| LTE_10MHz+20MHz_Nss1,16QAM_1TX | 20.28          | 0.107        | 27.18         | 0.5224      |
| LTE_15MHz+10MHz_Nss1,QPSK_1TX  | 21.13          | 0.130        | 28.03         | 0.6353      |
| LTE_15MHz+10MHz_Nss1,16QAM_1TX | 20.26          | 0.106        | 27.16         | 0.5200      |
| LTE_15MHz+10MHz_Nss1,64QAM_1TX | 20.39          | 0.109        | 27.29         | 0.5358      |
| LTE_15MHz+15MHz_Nss1,QPSK_1TX  | 18.98          | 0.079        | 25.88         | 0.3873      |
| LTE_15MHz+15MHz_Nss1,16QAM_1TX | 18.09          | 0.064        | 24.99         | 0.3155      |
| LTE_15MHz+15MHz_Nss1,64QAM_1TX | 17.99          | 0.063        | 24.89         | 0.3083      |
| LTE_15MHz+20MHz_Nss1,QPSK_1TX  | 20.11          | 0.103        | 27.01         | 0.5023      |
| LTE_15MHz+20MHz_Nss1,16QAM_1TX | 18.01          | 0.063        | 24.91         | 0.3097      |
| LTE_15MHz+20MHz_Nss1,64QAM_1TX | 18.03          | 0.064        | 24.93         | 0.3112      |
| LTE_20MHz+10MHz_Nss1,QPSK_1TX  | 21.08          | 0.128        | 27.98         | 0.6281      |
| LTE_20MHz+10MHz_Nss1,16QAM_1TX | 20.16          | 0.104        | 27.06         | 0.5082      |
| LTE_20MHz+10MHz_Nss1,64QAM_1TX | 20.16          | 0.104        | 27.06         | 0.5082      |
| LTE_20MHz+15MHz_Nss1,QPSK_1TX  | 19.07          | 0.081        | 25.97         | 0.3954      |
| LTE_20MHz+15MHz_Nss1,16QAM_1TX | 18.76          | 0.075        | 25.66         | 0.3681      |
| LTE_20MHz+15MHz_Nss1,64QAM_1TX | 17.94          | 0.062        | 24.84         | 0.3048      |
| LTE_20MHz+20MHz_Nss1,QPSK_1TX  | 20.88          | 0.122        | 27.78         | 0.5998      |
| LTE_20MHz+20MHz_Nss1,16QAM_1TX | 17.98          | 0.063        | 24.88         | 0.3076      |
| LTE_20MHz+20MHz_Nss1,64QAM_1TX | 17.93          | 0.062        | 24.83         | 0.3041      |

Test Mode: Mode 20 / EUT 2 + Set 3 antenna (LTE Band 7\_2CA)

## Result

| Mode                                  | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| Band 7_LTE_10MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2505.5MHz,#2519.9MHz_P_50@L+S_100@L | Pass   | 6.90        | 21.00           | 21.00          | 0.126        | 2                | 27.90         | 0.617       | Inf              |
| C#2505.5MHz,#2519.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.36           | 14.36          | 0.027        | 2                | 21.26         | 0.134       | Inf              |
| C#2525.6MHz,#2540MHz_P_50@L+S_100@L   | Pass   | 6.90        | 21.02           | 21.02          | 0.126        | 2                | 27.92         | 0.619       | Inf              |
| C#2525.6MHz,#2540MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.48           | 14.48          | 0.028        | 2                | 21.38         | 0.137       | Inf              |
| C#2545.6MHz,#2560MHz_P_50@L+S_100@L   | Pass   | 6.90        | 21.13           | 21.13          | 0.130        | 2                | 28.03         | 0.635       | Inf              |
| C#2545.6MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.38           | 14.38          | 0.027        | 2                | 21.28         | 0.134       | Inf              |
| Band 7_LTE_10MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2505.5MHz,#2519.9MHz_P_50@L+S_100@L | Pass   | 6.90        | 20.04           | 20.04          | 0.101        | 2                | 26.94         | 0.494       | Inf              |
| C#2505.5MHz,#2519.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.64           | 14.64          | 0.029        | 2                | 21.54         | 0.143       | Inf              |
| C#2525.6MHz,#2540MHz_P_50@L+S_100@L   | Pass   | 6.90        | 20.25           | 20.25          | 0.106        | 2                | 27.15         | 0.519       | Inf              |
| C#2525.6MHz,#2540MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.97           | 14.97          | 0.031        | 2                | 21.87         | 0.154       | Inf              |
| C#2545.6MHz,#2560MHz_P_50@L+S_100@L   | Pass   | 6.90        | 20.21           | 20.21          | 0.105        | 2                | 27.11         | 0.514       | Inf              |
| C#2545.6MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.79           | 14.79          | 0.030        | 2                | 21.69         | 0.148       | Inf              |
| Band 7_LTE_10MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2505.5MHz,#2519.9MHz_P_50@L+S_100@L | Pass   | 6.90        | 20.21           | 20.21          | 0.105        | 2                | 27.11         | 0.514       | Inf              |
| C#2505.5MHz,#2519.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.74           | 14.74          | 0.030        | 2                | 21.64         | 0.146       | Inf              |
| C#2525.6MHz,#2540MHz_P_50@L+S_100@L   | Pass   | 6.90        | 20.17           | 20.17          | 0.104        | 2                | 27.07         | 0.509       | Inf              |
| C#2525.6MHz,#2540MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.79           | 14.79          | 0.030        | 2                | 21.69         | 0.148       | Inf              |
| C#2545.6MHz,#2560MHz_P_50@L+S_100@L   | Pass   | 6.90        | 20.28           | 20.28          | 0.107        | 2                | 27.18         | 0.522       | Inf              |
| C#2545.6MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.91           | 14.91          | 0.031        | 2                | 21.81         | 0.152       | Inf              |
| Band 7_LTE_15MHz+10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.5MHz,#2519.5MHz_P_75@L+S_50@L  | Pass   | 6.90        | 19.53           | 19.53          | 0.090        | 2                | 26.43         | 0.440       | Inf              |
| C#2507.5MHz,#2519.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.45           | 14.45          | 0.028        | 2                | 21.35         | 0.136       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_75@L+S_50@L  | Pass   | 6.90        | 21.13           | 21.13          | 0.130        | 2                | 28.03         | 0.635       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.57           | 14.57          | 0.029        | 2                | 21.47         | 0.140       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_75@L+S_50@L  | Pass   | 6.90        | 21.12           | 21.12          | 0.129        | 2                | 28.02         | 0.634       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.58           | 14.58          | 0.029        | 2                | 21.48         | 0.141       | Inf              |
| Band 7_LTE_15MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.5MHz,#2519.5MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.15           | 20.15          | 0.104        | 2                | 27.05         | 0.507       | Inf              |
| C#2507.5MHz,#2519.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.95           | 14.95          | 0.031        | 2                | 21.85         | 0.153       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.24           | 20.24          | 0.106        | 2                | 27.14         | 0.518       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.70           | 14.70          | 0.030        | 2                | 21.60         | 0.145       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.26           | 20.26          | 0.106        | 2                | 27.16         | 0.520       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.85           | 14.85          | 0.031        | 2                | 21.75         | 0.150       | Inf              |
| Band 7_LTE_15MHz+10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.5MHz,#2519.5MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.39           | 20.39          | 0.109        | 2                | 27.29         | 0.536       | Inf              |
| C#2507.5MHz,#2519.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.86           | 14.86          | 0.031        | 2                | 21.76         | 0.150       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.27           | 20.27          | 0.106        | 2                | 27.17         | 0.521       | Inf              |
| C#2530.1MHz,#2542.1MHz_P_1@L+S_1@H    | Pass   | 6.90        | 15.12           | 15.12          | 0.033        | 2                | 22.02         | 0.159       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_75@L+S_50@L  | Pass   | 6.90        | 20.24           | 20.24          | 0.106        | 2                | 27.14         | 0.518       | Inf              |
| C#2552.7MHz,#2564.7MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.82           | 14.82          | 0.030        | 2                | 21.72         | 0.149       | Inf              |
| Band 7_LTE_15MHz+15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.5MHz,#2522.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 16.96           | 16.96          | 0.050        | 2                | 23.86         | 0.243       | Inf              |
| C#2507.5MHz,#2522.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.61           | 14.61          | 0.029        | 2                | 21.51         | 0.142       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 18.87           | 18.87          | 0.077        | 2                | 25.77         | 0.378       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.61           | 14.61          | 0.029        | 2                | 21.51         | 0.142       | Inf              |

## Test Mode: Mode 20 / EUT 2 + Set 3 antenna (LTE Band 7 2CA)

| Mode                                  | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| C#2547.5MHz,#2562.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 18.98           | 18.98          | 0.079        | 2                | 25.88         | 0.387       | Inf              |
| C#2547.5MHz,#2562.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.46           | 14.46          | 0.028        | 2                | 21.36         | 0.137       | Inf              |
| Band 7_LTE_15MHz+15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.5MHz,#2522.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 18.07           | 18.07          | 0.064        | 2                | 24.97         | 0.314       | Inf              |
| C#2507.5MHz,#2522.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.78           | 14.78          | 0.030        | 2                | 21.68         | 0.147       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 18.09           | 18.09          | 0.064        | 2                | 24.99         | 0.316       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.93           | 14.93          | 0.031        | 2                | 21.83         | 0.152       | Inf              |
| C#2547.5MHz,#2562.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 18.00           | 18.00          | 0.063        | 2                | 24.90         | 0.309       | Inf              |
| C#2547.5MHz,#2562.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.61           | 14.61          | 0.029        | 2                | 21.51         | 0.142       | Inf              |
| Band 7_LTE_15MHz+15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | 2                | -             | -           | Inf              |
| C#2507.5MHz,#2522.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 16.58           | 16.58          | 0.045        | 2                | 23.48         | 0.223       | Inf              |
| C#2507.5MHz,#2522.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.77           | 14.77          | 0.030        | 2                | 21.67         | 0.147       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 17.99           | 17.99          | 0.063        | 2                | 24.89         | 0.308       | Inf              |
| C#2527.5MHz,#2542.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 15.01           | 15.01          | 0.032        | 2                | 21.91         | 0.155       | Inf              |
| C#2547.5MHz,#2562.5MHz_P_75@L+S_75@L  | Pass   | 6.90        | 17.88           | 17.88          | 0.061        | 2                | 24.78         | 0.301       | Inf              |
| C#2547.5MHz,#2562.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.88           | 14.88          | 0.031        | 2                | 21.78         | 0.151       | Inf              |
| Band 7_LTE_15MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.8MHz,#2524.9MHz_P_75@L+S_100@L | Pass   | 6.90        | 20.11           | 20.11          | 0.103        | 2                | 27.01         | 0.502       | Inf              |
| C#2507.8MHz,#2524.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.46           | 14.46          | 0.028        | 2                | 21.36         | 0.137       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_75@L+S_100@L | Pass   | 6.90        | 19.05           | 19.05          | 0.080        | 2                | 25.95         | 0.394       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.46           | 14.46          | 0.028        | 2                | 21.36         | 0.137       | Inf              |
| C#2542.9MHz,#2560MHz_P_75@L+S_100@L   | Pass   | 6.90        | 19.00           | 19.00          | 0.079        | 2                | 25.90         | 0.389       | Inf              |
| C#2542.9MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.54           | 14.54          | 0.028        | 2                | 21.44         | 0.139       | Inf              |
| Band 7_LTE_15MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.8MHz,#2524.9MHz_P_75@L+S_100@L | Pass   | 6.90        | 16.83           | 16.83          | 0.048        | 2                | 23.73         | 0.236       | Inf              |
| C#2507.8MHz,#2524.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.66           | 14.66          | 0.029        | 2                | 21.56         | 0.143       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_75@L+S_100@L | Pass   | 6.90        | 18.01           | 18.01          | 0.063        | 2                | 24.91         | 0.310       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.73           | 14.73          | 0.030        | 2                | 21.63         | 0.146       | Inf              |
| C#2542.9MHz,#2560MHz_P_75@L+S_100@L   | Pass   | 6.90        | 18.01           | 18.01          | 0.063        | 2                | 24.91         | 0.310       | Inf              |
| C#2542.9MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.83           | 14.83          | 0.030        | 2                | 21.73         | 0.149       | Inf              |
| Band 7_LTE_15MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2507.8MHz,#2524.9MHz_P_75@L+S_100@L | Pass   | 6.90        | 16.63           | 16.63          | 0.046        | 2                | 23.53         | 0.225       | Inf              |
| C#2507.8MHz,#2524.9MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.82           | 14.82          | 0.030        | 2                | 21.72         | 0.149       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_75@L+S_100@L | Pass   | 6.90        | 18.03           | 18.03          | 0.064        | 2                | 24.93         | 0.311       | Inf              |
| C#2525.3MHz,#2542.4MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.78           | 14.78          | 0.030        | 2                | 21.68         | 0.147       | Inf              |
| C#2542.9MHz,#2560MHz_P_75@L+S_100@L   | Pass   | 6.90        | 17.52           | 17.52          | 0.056        | 2                | 24.42         | 0.277       | Inf              |
| C#2542.9MHz,#2560MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.77           | 14.77          | 0.030        | 2                | 21.67         | 0.147       | Inf              |
| Band 7_LTE_20MHz+10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2524.4MHz_P_100@L+S_50@L   | Pass   | 6.90        | 21.08           | 21.08          | 0.128        | 2                | 27.98         | 0.628       | Inf              |
| C#2510MHz,#2524.4MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.28           | 14.28          | 0.027        | 2                | 21.18         | 0.131       | Inf              |
| C#2530.1MHz,#2544.5MHz_P_100@L+S_50@L | Pass   | 6.90        | 21.05           | 21.05          | 0.127        | 2                | 27.95         | 0.624       | Inf              |
| C#2530.1MHz,#2544.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.52           | 14.52          | 0.028        | 2                | 21.42         | 0.139       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_100@L+S_50@L | Pass   | 6.90        | 21.05           | 21.05          | 0.127        | 2                | 27.95         | 0.624       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_1@L+S_1@H    | Pass   | 6.90        | 14.45           | 14.45          | 0.028        | 2                | 21.35         | 0.136       | Inf              |
| Band 7_LTE_20MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2524.4MHz_P_100@L+S_50@L   | Pass   | 6.90        | 20.16           | 20.16          | 0.104        | 2                | 27.06         | 0.508       | Inf              |
| C#2510MHz,#2524.4MHz_P_1@L+S_1@H      | Pass   | 6.90        | 14.64           | 14.64          | 0.029        | 2                | 21.54         | 0.143       | Inf              |
| C#2530.1MHz,#2544.5MHz_P_100@L+S_50@L | Pass   | 6.90        | 20.11           | 20.11          | 0.103        | 2                | 27.01         | 0.502       | Inf              |

Test Mode: Mode 20 / EUT 2 + Set 3 antenna (LTE Band 7 2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| C#2530.1MHz,#2544.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.76           | 14.76          | 0.030        | 2                | 21.66         | 0.147       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_100@L+S_50@L  | Pass   | 6.90        | 20.06           | 20.06          | 0.101        | 2                | 26.96         | 0.497       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.81           | 14.81          | 0.030        | 2                | 21.71         | 0.148       | Inf              |
| Band 7_LTE_20MHz+10MHz_Nss1,64QAM_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2524.4MHz_P_100@L+S_50@L    | Pass   | 6.90        | 20.16           | 20.16          | 0.104        | 2                | 27.06         | 0.508       | Inf              |
| C#2510MHz,#2524.4MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.59           | 14.59          | 0.029        | 2                | 21.49         | 0.141       | Inf              |
| C#2530.1MHz,#2544.5MHz_P_100@L+S_50@L  | Pass   | 6.90        | 20.14           | 20.14          | 0.103        | 2                | 27.04         | 0.506       | Inf              |
| C#2530.1MHz,#2544.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.69           | 14.69          | 0.029        | 2                | 21.59         | 0.144       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_100@L+S_50@L  | Pass   | 6.90        | 20.12           | 20.12          | 0.103        | 2                | 27.02         | 0.504       | Inf              |
| C#2550.1MHz,#2564.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.56           | 14.56          | 0.029        | 2                | 21.46         | 0.140       | Inf              |
| Band 7_LTE_20MHz+15MHz_Nss1,QPSK_1TX   | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2527.1MHz_P_100@L+S_75@L    | Pass   | 6.90        | 18.08           | 18.08          | 0.064        | 2                | 24.98         | 0.315       | Inf              |
| C#2510MHz,#2527.1MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.41           | 14.41          | 0.028        | 2                | 21.31         | 0.135       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_100@L+S_75@L  | Pass   | 6.90        | 19.07           | 19.07          | 0.081        | 2                | 25.97         | 0.395       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.34           | 14.34          | 0.027        | 2                | 21.24         | 0.133       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_100@L+S_75@L  | Pass   | 6.90        | 18.98           | 18.98          | 0.079        | 2                | 25.88         | 0.387       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.37           | 14.37          | 0.027        | 2                | 21.27         | 0.134       | Inf              |
| Band 7_LTE_20MHz+15MHz_Nss1,16QAM_1TX  | -      | -           | -               | -              | -            | 2                | -             | -           | Inf              |
| C#2510MHz,#2527.1MHz_P_100@L+S_75@L    | Pass   | 6.90        | 18.76           | 18.76          | 0.075        | 2                | 25.66         | 0.368       | Inf              |
| C#2510MHz,#2527.1MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.56           | 14.56          | 0.029        | 2                | 21.46         | 0.140       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_100@L+S_75@L  | Pass   | 6.90        | 18.03           | 18.03          | 0.064        | 2                | 24.93         | 0.311       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.61           | 14.61          | 0.029        | 2                | 21.51         | 0.142       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_100@L+S_75@L  | Pass   | 6.90        | 18.04           | 18.04          | 0.064        | 2                | 24.94         | 0.312       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.59           | 14.59          | 0.029        | 2                | 21.49         | 0.141       | Inf              |
| Band 7_LTE_20MHz+15MHz_Nss1,64QAM_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2527.1MHz_P_100@L+S_75@L    | Pass   | 6.90        | 16.93           | 16.93          | 0.049        | 2                | 23.83         | 0.242       | Inf              |
| C#2510MHz,#2527.1MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.56           | 14.56          | 0.029        | 2                | 21.46         | 0.140       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_100@L+S_75@L  | Pass   | 6.90        | 17.94           | 17.94          | 0.062        | 2                | 24.84         | 0.305       | Inf              |
| C#2527.6MHz,#2544.7MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.62           | 14.62          | 0.029        | 2                | 21.52         | 0.142       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_100@L+S_75@L  | Pass   | 6.90        | 17.88           | 17.88          | 0.061        | 2                | 24.78         | 0.301       | Inf              |
| C#2545.1MHz,#2562.2MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.80           | 14.80          | 0.030        | 2                | 21.70         | 0.148       | Inf              |
| Band 7_LTE_20MHz+20MHz_Nss1,QPSK_1TX   | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2529.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 20.88           | 20.88          | 0.122        | 2                | 27.78         | 0.600       | Inf              |
| C#2510MHz,#2529.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.33           | 14.33          | 0.027        | 2                | 21.23         | 0.133       | Inf              |
| C#2525.1MHz,#2544.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 19.03           | 19.03          | 0.080        | 2                | 25.93         | 0.392       | Inf              |
| C#2525.1MHz,#2544.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.38           | 14.38          | 0.027        | 2                | 21.28         | 0.134       | Inf              |
| C#2540.2MHz,#2560MHz_P_100@L+S_100@L   | Pass   | 6.90        | 18.97           | 18.97          | 0.079        | 2                | 25.87         | 0.386       | Inf              |
| C#2540.2MHz,#2560MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.40           | 14.40          | 0.028        | 2                | 21.30         | 0.135       | Inf              |
| Band 7_LTE_20MHz+20MHz_Nss1,16QAM_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2529.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 17.04           | 17.04          | 0.051        | 2                | 23.94         | 0.248       | Inf              |
| C#2510MHz,#2529.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.64           | 14.64          | 0.029        | 2                | 21.54         | 0.143       | Inf              |
| C#2525.1MHz,#2544.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 17.98           | 17.98          | 0.063        | 2                | 24.88         | 0.308       | Inf              |
| C#2525.1MHz,#2544.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.70           | 14.70          | 0.030        | 2                | 21.60         | 0.145       | Inf              |
| C#2540.2MHz,#2560MHz_P_100@L+S_100@L   | Pass   | 6.90        | 17.95           | 17.95          | 0.062        | 2                | 24.85         | 0.305       | Inf              |
| C#2540.2MHz,#2560MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.53           | 14.53          | 0.028        | 2                | 21.43         | 0.139       | Inf              |
| Band 7_LTE_20MHz+20MHz_Nss1,64QAM_1TX  | -      | -           | -               | -              | -            | -                | -             | -           | -                |
| C#2510MHz,#2529.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 16.87           | 16.87          | 0.049        | 2                | 23.77         | 0.238       | Inf              |
| C#2510MHz,#2529.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.61           | 14.61          | 0.029        | 2                | 21.51         | 0.142       | Inf              |





Test Mode: Mode 20 / EUT 2 + Set 3 antenna (LTE Band 7\_2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|--------------|------------------|---------------|-------------|------------------|
| C#2525.1MHz,#2544.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 17.93           | 17.93          | 0.062        | 2                | 24.83         | 0.304       | Inf              |
| C#2525.1MHz,#2544.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 14.58           | 14.58          | 0.029        | 2                | 21.48         | 0.141       | Inf              |
| C#2540.2MHz,#2560MHz_P_100@L+S_100@L   | Pass   | 6.90        | 17.82           | 17.82          | 0.061        | 2                | 24.72         | 0.296       | Inf              |
| C#2540.2MHz,#2560MHz_P_1@L+S_1@H       | Pass   | 6.90        | 14.63           | 14.63          | 0.029        | 2                | 21.53         | 0.142       | Inf              |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 21 / EUT 2 + Set 3 antenna (LTE Band 38\_2CA)

**Summary**

| Mode                           | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------|--------------|---------------|-------------|
| Band 38                        | -              | -            | -             | -           |
| LTE_15MHz+15MHz_Nss1,QPSK_1TX  | 14.90          | 0.031        | 21.80         | 0.151       |
| LTE_15MHz+15MHz_Nss1,16QAM_1TX | 14.14          | 0.026        | 21.04         | 0.127       |
| LTE_15MHz+15MHz_Nss1,64QAM_1TX | 13.76          | 0.024        | 20.66         | 0.116       |
| LTE_20MHz+20MHz_Nss1,QPSK_1TX  | 15.98          | 0.040        | 22.88         | 0.194       |
| LTE_20MHz+20MHz_Nss1,16QAM_1TX | 14.97          | 0.031        | 21.87         | 0.154       |
| LTE_20MHz+20MHz_Nss1,64QAM_1TX | 14.95          | 0.031        | 21.85         | 0.153       |



Test Mode: Mode 21 / EUT 2 + Set 3 antenna (LTE Band 38\_2CA)

**Result**

| Mode                                   | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| Band 38_LTE_15MHz+15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2577.5MHz,#2592.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 14.90           | 14.90          | 0.031        | 2                 | 21.80         | 0.151       | Inf              |
| C#2577.5MHz,#2592.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 8.85            | 8.85           | 0.008        | 2                 | 15.75         | 0.038       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 14.49           | 14.49          | 0.028        | 2                 | 21.39         | 0.138       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.33            | 9.33           | 0.009        | 2                 | 16.23         | 0.042       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 14.44           | 14.44          | 0.028        | 2                 | 21.34         | 0.136       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.14            | 9.14           | 0.008        | 2                 | 16.04         | 0.040       | Inf              |
| Band 38_LTE_15MHz+15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2577.5MHz,#2592.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 14.14           | 14.14          | 0.026        | 2                 | 21.04         | 0.127       | Inf              |
| C#2577.5MHz,#2592.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.42            | 9.42           | 0.009        | 2                 | 16.32         | 0.043       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 13.56           | 13.56          | 0.023        | 2                 | 20.46         | 0.111       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.35            | 9.35           | 0.009        | 2                 | 16.25         | 0.042       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 13.47           | 13.47          | 0.022        | 2                 | 20.37         | 0.109       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.01            | 9.01           | 0.008        | 2                 | 15.91         | 0.039       | Inf              |
| Band 38_LTE_15MHz+15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2577.5MHz,#2592.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 13.76           | 13.76          | 0.024        | 2                 | 20.66         | 0.116       | Inf              |
| C#2577.5MHz,#2592.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.48            | 9.48           | 0.009        | 2                 | 16.38         | 0.043       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 13.45           | 13.45          | 0.022        | 2                 | 20.35         | 0.108       | Inf              |
| C#2587.5MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.98            | 9.98           | 0.010        | 2                 | 16.88         | 0.049       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_75@L+S_75@L   | Pass   | 6.90        | 13.45           | 13.45          | 0.022        | 2                 | 20.35         | 0.108       | Inf              |
| C#2597.5MHz,#2612.5MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.02            | 9.02           | 0.008        | 2                 | 15.92         | 0.039       | Inf              |
| Band 38_LTE_20MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2580MHz,#2599.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 15.70           | 15.70          | 0.037        | 2                 | 22.60         | 0.182       | Inf              |
| C#2580MHz,#2599.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 9.12            | 9.12           | 0.008        | 2                 | 16.02         | 0.040       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 15.98           | 15.98          | 0.040        | 2                 | 22.88         | 0.194       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.17            | 9.17           | 0.008        | 2                 | 16.07         | 0.040       | Inf              |
| C#2590.2MHz,#2610MHz_P_100@L+S_100@L   | Pass   | 6.90        | 15.35           | 15.35          | 0.034        | 2                 | 22.25         | 0.168       | Inf              |
| C#2590.2MHz,#2610MHz_P_1@L+S_1@H       | Pass   | 6.90        | 8.78            | 8.78           | 0.008        | 2                 | 15.68         | 0.037       | Inf              |
| Band 38_LTE_20MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2580MHz,#2599.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 14.97           | 14.97          | 0.031        | 2                 | 21.87         | 0.154       | Inf              |
| C#2580MHz,#2599.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 8.92            | 8.92           | 0.008        | 2                 | 15.82         | 0.038       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 14.73           | 14.73          | 0.030        | 2                 | 21.63         | 0.146       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.49            | 9.49           | 0.009        | 2                 | 16.39         | 0.044       | Inf              |
| C#2590.2MHz,#2610MHz_P_100@L+S_100@L   | Pass   | 6.90        | 14.64           | 14.64          | 0.029        | 2                 | 21.54         | 0.143       | Inf              |
| C#2590.2MHz,#2610MHz_P_1@L+S_1@H       | Pass   | 6.90        | 9.32            | 9.32           | 0.009        | 2                 | 16.22         | 0.042       | Inf              |
| Band 38_LTE_20MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -            | -                 | -             | -           | -                |
| C#2580MHz,#2599.8MHz_P_100@L+S_100@L   | Pass   | 6.90        | 14.48           | 14.48          | 0.028        | 2                 | 21.38         | 0.137       | Inf              |
| C#2580MHz,#2599.8MHz_P_1@L+S_1@H       | Pass   | 6.90        | 9.22            | 9.22           | 0.008        | 2                 | 16.12         | 0.041       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_100@L+S_100@L | Pass   | 6.90        | 14.95           | 14.95          | 0.031        | 2                 | 21.85         | 0.153       | Inf              |
| C#2585.1MHz,#2604.9MHz_P_1@L+S_1@H     | Pass   | 6.90        | 9.37            | 9.37           | 0.009        | 2                 | 16.27         | 0.042       | Inf              |
| C#2590.2MHz,#2610MHz_P_100@L+S_100@L   | Pass   | 6.90        | 14.13           | 14.13          | 0.026        | 2                 | 21.03         | 0.127       | Inf              |
| C#2590.2MHz,#2610MHz_P_1@L+S_1@H       | Pass   | 6.90        | 9.40            | 9.40           | 0.009        | 2                 | 16.30         | 0.043       | Inf              |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

**Summary**

| Mode                           | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------|--------------|---------------|-------------|
| Band 41                        | -              | -            | -             | -           |
| LTE_5MHz+20MHz_Nss1,QPSK_1TX   | 20.07          | 0.102        | 27.27         | 0.533       |
| LTE_5MHz+20MHz_Nss1,16QAM_1TX  | 19.40          | 0.087        | 26.6          | 0.457       |
| LTE_5MHz+20MHz_Nss1,64QAM_1TX  | 19.21          | 0.083        | 26.41         | 0.438       |
| LTE_10MHz+15MHz_Nss1,QPSK_1TX  | 20.18          | 0.104        | 27.38         | 0.547       |
| LTE_10MHz+15MHz_Nss1,64QAM_1TX | 19.26          | 0.084        | 26.46         | 0.443       |
| LTE_10MHz+15MHz_Nss1,16QAM_1TX | 19.54          | 0.090        | 26.74         | 0.472       |
| LTE_10MHz+20MHz_Nss1,QPSK_1TX  | 20.43          | 0.110        | 27.63         | 0.579       |
| LTE_10MHz+20MHz_Nss1,64QAM_1TX | 19.35          | 0.086        | 26.55         | 0.452       |
| LTE_10MHz+20MHz_Nss1,16QAM_1TX | 19.34          | 0.086        | 26.54         | 0.451       |
| LTE_15MHz+10MHz_Nss1,QPSK_1TX  | 20.31          | 0.107        | 27.51         | 0.564       |
| LTE_15MHz+10MHz_Nss1,16QAM_1TX | 19.36          | 0.086        | 26.56         | 0.453       |
| LTE_15MHz+10MHz_Nss1,64QAM_1TX | 19.41          | 0.087        | 26.61         | 0.458       |
| LTE_15MHz+15MHz_Nss1,QPSK_1TX  | 19.60          | 0.091        | 26.8          | 0.479       |
| LTE_15MHz+15MHz_Nss1,16QAM_1TX | 18.86          | 0.077        | 26.06         | 0.404       |
| LTE_15MHz+15MHz_Nss1,64QAM_1TX | 18.76          | 0.075        | 25.96         | 0.394       |
| LTE_15MHz+20MHz_Nss1,QPSK_1TX  | 19.81          | 0.096        | 27.01         | 0.502       |
| LTE_15MHz+20MHz_Nss1,16QAM_1TX | 18.58          | 0.072        | 25.78         | 0.378       |
| LTE_15MHz+20MHz_Nss1,64QAM_1TX | 19.00          | 0.079        | 26.2          | 0.417       |
| LTE_20MHz+5MHz_Nss1,QPSK_1TX   | 20.93          | 0.124        | 28.13         | 0.650       |
| LTE_20MHz+5MHz_Nss1,16QAM_1TX  | 20.20          | 0.105        | 27.4          | 0.550       |
| LTE_20MHz+5MHz_Nss1,64QAM_1TX  | 20.21          | 0.105        | 27.41         | 0.551       |
| LTE_20MHz+10MHz_Nss1,QPSK_1TX  | 20.27          | 0.106        | 27.47         | 0.558       |
| LTE_20MHz+10MHz_Nss1,16QAM_1TX | 19.45          | 0.088        | 26.65         | 0.462       |
| LTE_20MHz+10MHz_Nss1,64QAM_1TX | 19.44          | 0.088        | 26.64         | 0.461       |
| LTE_20MHz+15MHz_Nss1,QPSK_1TX  | 19.86          | 0.097        | 27.06         | 0.508       |
| LTE_20MHz+15MHz_Nss1,16QAM_1TX | 18.90          | 0.078        | 26.1          | 0.407       |
| LTE_20MHz+15MHz_Nss1,64QAM_1TX | 18.41          | 0.069        | 25.61         | 0.364       |
| LTE_20MHz+20MHz_Nss1,QPSK_1TX  | 19.88          | 0.097        | 27.08         | 0.511       |
| LTE_20MHz+20MHz_Nss1,16QAM_1TX | 18.95          | 0.079        | 26.15         | 0.412       |
| LTE_20MHz+20MHz_Nss1,64QAM_1TX | 18.76          | 0.075        | 25.96         | 0.394       |

Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

## Result

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power Lim.<br>(W) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|-------------------|--------------|---------------|-------------|------------------|
| Band 41_LTE_5MHz+20MHz_Nss1,QPSK_1TX   | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2499.3MHz,#2511MHz_P_25@L+S_100@L    | Pass   | 7.20        | 19.82           | 19.82          | 0.096             | 2            | 27.02         | 0.504       | Inf              |
| C#2499.3MHz,#2511MHz_P_1@L+S_1@H       | Pass   | 7.20        | 12.82           | 12.82          | 0.019             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_25@L+S_100@L  | Pass   | 7.20        | 20.07           | 20.07          | 0.102             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.99           | 13.99          | 0.025             | 2            | 22.69         | 0.186       | Inf              |
| C#2668.3MHz,#2680MHz_P_25@L+S_100@L    | Pass   | 7.20        | 20.02           | 20.02          | 0.100             | 2            | 28.72         | 0.745       | Inf              |
| C#2668.3MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 12.60           | 12.60          | 0.018             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_5MHz+20MHz_Nss1,16QAM_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2499.3MHz,#2511MHz_P_25@L+S_100@L    | Pass   | 7.20        | 18.88           | 18.88          | 0.077             | 2            | 26.08         | 0.406       | Inf              |
| C#2499.3MHz,#2511MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.57           | 13.57          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_25@L+S_100@L  | Pass   | 7.20        | 19.40           | 19.40          | 0.087             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.74           | 13.74          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2668.3MHz,#2680MHz_P_25@L+S_100@L    | Pass   | 7.20        | 18.83           | 18.83          | 0.076             | 2            | 28.72         | 0.745       | Inf              |
| C#2668.3MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.80           | 13.80          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_5MHz+20MHz_Nss1,64QAM_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2499.3MHz,#2511MHz_P_25@L+S_100@L    | Pass   | 7.20        | 19.12           | 19.12          | 0.082             | 2            | 26.32         | 0.429       | Inf              |
| C#2499.3MHz,#2511MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.99           | 13.99          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_25@L+S_100@L  | Pass   | 7.20        | 19.21           | 19.21          | 0.083             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.8MHz,#2595.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.51           | 13.51          | 0.022             | 2            | 22.69         | 0.186       | Inf              |
| C#2668.3MHz,#2680MHz_P_25@L+S_100@L    | Pass   | 7.20        | 18.53           | 18.53          | 0.071             | 2            | 28.72         | 0.745       | Inf              |
| C#2668.3MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.57           | 13.57          | 0.023             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.3MHz,#2513.3MHz_P_50@L+S_75@L   | Pass   | 7.20        | 20.18           | 20.18          | 0.104             | 2            | 27.38         | 0.547       | Inf              |
| C#2501.3MHz,#2513.3MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.14           | 13.14          | 0.021             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_50@L+S_75@L   | Pass   | 7.20        | 20.12           | 20.12          | 0.103             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.79           | 13.79          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_50@L+S_75@L   | Pass   | 7.20        | 19.95           | 19.95          | 0.099             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.07           | 13.07          | 0.020             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.3MHz,#2513.3MHz_P_50@L+S_75@L   | Pass   | 7.20        | 18.92           | 18.92          | 0.078             | 2            | 26.12         | 0.409       | Inf              |
| C#2501.3MHz,#2513.3MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.26           | 13.26          | 0.021             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_50@L+S_75@L   | Pass   | 7.20        | 19.26           | 19.26          | 0.084             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.26           | 14.26          | 0.027             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_50@L+S_75@L   | Pass   | 7.20        | 19.13           | 19.13          | 0.082             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.27           | 13.27          | 0.021             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.3MHz,#2513.3MHz_P_50@L+S_75@L   | Pass   | 7.20        | 18.93           | 18.93          | 0.078             | 2            | 26.13         | 0.410       | Inf              |
| C#2501.3MHz,#2513.3MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.58           | 13.58          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_50@L+S_75@L   | Pass   | 7.20        | 19.54           | 19.54          | 0.090             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.9MHz,#2597.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.81           | 13.81          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_50@L+S_75@L   | Pass   | 7.20        | 18.82           | 18.82          | 0.076             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.52           | 13.52          | 0.022             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.5MHz,#2515.9MHz_P_50@L+S_100@L  | Pass   | 7.20        | 19.83           | 19.83          | 0.096             | 2            | 27.03         | 0.505       | Inf              |
| C#2501.5MHz,#2515.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.33           | 13.33          | 0.022             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.6MHz,#2598MHz_P_50@L+S_100@L    | Pass   | 7.20        | 20.43           | 20.43          | 0.110             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.6MHz,#2598MHz_P_1@L+S_1@H       | Pass   | 7.20        | 14.30           | 14.30          | 0.027             | 2            | 22.69         | 0.186       | Inf              |

## Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power Lim.<br>(W) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|-------------------|--------------|---------------|-------------|------------------|
| C#2665.6MHz,#2680MHz_P_50@L+S_100@L    | Pass   | 7.20        | 19.91           | 19.91          | 0.098             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.6MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.78           | 13.78          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.5MHz,#2515.9MHz_P_50@L+S_100@L  | Pass   | 7.20        | 19.35           | 19.35          | 0.086             | 2            | 26.55         | 0.452       | Inf              |
| C#2501.5MHz,#2515.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.95           | 13.95          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.6MHz,#2598MHz_P_50@L+S_100@L    | Pass   | 7.20        | 19.24           | 19.24          | 0.084             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.6MHz,#2598MHz_P_1@L+S_1@H       | Pass   | 7.20        | 14.31           | 14.31          | 0.027             | 2            | 22.69         | 0.186       | Inf              |
| C#2665.6MHz,#2680MHz_P_50@L+S_100@L    | Pass   | 7.20        | 18.84           | 18.84          | 0.077             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.6MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.26           | 13.26          | 0.021             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_10MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2501.5MHz,#2515.9MHz_P_50@L+S_100@L  | Pass   | 7.20        | 19.16           | 19.16          | 0.082             | 2            | 26.36         | 0.433       | Inf              |
| C#2501.5MHz,#2515.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.21           | 13.21          | 0.021             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.6MHz,#2598MHz_P_50@L+S_100@L    | Pass   | 7.20        | 19.34           | 19.34          | 0.086             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.6MHz,#2598MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.81           | 13.81          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2665.6MHz,#2680MHz_P_50@L+S_100@L    | Pass   | 7.20        | 19.14           | 19.14          | 0.082             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.6MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.78           | 13.78          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2503.5MHz,#2515.5MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.94           | 19.94          | 0.099             | 2            | 27.14         | 0.518       | Inf              |
| C#2503.5MHz,#2515.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.49           | 13.49          | 0.022             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_75@L+S_50@L   | Pass   | 7.20        | 20.31           | 20.31          | 0.107             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.70           | 13.70          | 0.023             | 2            | 22.69         | 0.186       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.72           | 19.72          | 0.094             | 2            | 28.72         | 0.745       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.62           | 13.62          | 0.023             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2503.5MHz,#2515.5MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.03           | 19.03          | 0.080             | 2            | 26.23         | 0.420       | Inf              |
| C#2503.5MHz,#2515.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.63           | 13.63          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.36           | 19.36          | 0.086             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.71           | 13.71          | 0.023             | 2            | 22.69         | 0.186       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_75@L+S_50@L   | Pass   | 7.20        | 18.73           | 18.73          | 0.075             | 2            | 28.72         | 0.745       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.64           | 13.64          | 0.023             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2503.5MHz,#2515.5MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.05           | 19.05          | 0.080             | 2            | 26.25         | 0.422       | Inf              |
| C#2503.5MHz,#2515.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.41           | 13.41          | 0.022             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_75@L+S_50@L   | Pass   | 7.20        | 19.41           | 19.41          | 0.087             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2600.1MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.31           | 14.31          | 0.027             | 2            | 22.69         | 0.186       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_75@L+S_50@L   | Pass   | 7.20        | 18.50           | 18.50          | 0.071             | 2            | 28.72         | 0.745       | Inf              |
| C#2672.7MHz,#2684.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.25           | 13.25          | 0.021             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2503.5MHz,#2518.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 19.56           | 19.56          | 0.090             | 2            | 26.76         | 0.474       | Inf              |
| C#2503.5MHz,#2518.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.61           | 13.61          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.5MHz,#2600.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 19.60           | 19.60          | 0.091             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.5MHz,#2600.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.01           | 14.01          | 0.025             | 2            | 22.69         | 0.186       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 17.87           | 17.87          | 0.061             | 2            | 28.72         | 0.745       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 12.76           | 12.76          | 0.019             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2503.5MHz,#2518.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 18.49           | 18.49          | 0.071             | 2            | 25.69         | 0.371       | Inf              |
| C#2503.5MHz,#2518.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.17           | 14.17          | 0.026             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.5MHz,#2600.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 18.86           | 18.86          | 0.077             | 2            | 28.77         | 0.753       | Inf              |

## Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power Lim.<br>(W) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|-------------------|--------------|---------------|-------------|------------------|
| C#2585.5MHz,#2600.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.35           | 14.35          | 0.027             | 2            | 22.69         | 0.186       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 18.08           | 18.08          | 0.064             | 2            | 28.72         | 0.745       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.70           | 13.70          | 0.023             |              | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2503.5MHz,#2518.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 17.77           | 17.77          | 0.060             | 2            | 24.97         | 0.314       | Inf              |
| C#2503.5MHz,#2518.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.00           | 14.00          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.5MHz,#2600.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 18.76           | 18.76          | 0.075             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.5MHz,#2600.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.66           | 14.66          | 0.029             | 2            | 22.69         | 0.186       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_75@L+S_75@L   | Pass   | 7.20        | 16.47           | 16.47          | 0.044             | 2            | 28.72         | 0.745       | Inf              |
| C#2667.5MHz,#2682.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.06           | 14.06          | 0.025             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2503.8MHz,#2520.9MHz_P_75@L+S_100@L  | Pass   | 7.20        | 19.55           | 19.55          | 0.090             | 2            | 26.75         | 0.473       | Inf              |
| C#2503.8MHz,#2520.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.46           | 13.46          | 0.022             | 2            | 21.52         | 0.142       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_75@L+S_100@L  | Pass   | 7.20        | 19.81           | 19.81          | 0.096             | 2            | 28.77         | 0.753       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.77           | 13.77          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2662.9MHz,#2680MHz_P_75@L+S_100@L    | Pass   | 7.20        | 17.59           | 17.59          | 0.057             | 2            | 28.72         | 0.745       | Inf              |
| C#2662.9MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.77           | 13.77          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2503.8MHz,#2520.9MHz_P_75@L+S_100@L  | Pass   | 7.20        | 18.58           | 18.58          | 0.072             | 2            | 25.78         | 0.378       | Inf              |
| C#2503.8MHz,#2520.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.25           | 13.25          | 0.021             | 2            | 21.52         | 0.142       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_75@L+S_100@L  | Pass   | 7.20        | 17.67           | 17.67          | 0.058             | 2            | 28.77         | 0.753       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.62           | 13.62          | 0.023             | 2            | 22.69         | 0.186       | Inf              |
| C#2662.9MHz,#2680MHz_P_75@L+S_100@L    | Pass   | 7.20        | 17.04           | 17.04          | 0.051             | 2            | 28.72         | 0.745       | Inf              |
| C#2662.9MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.53           | 13.53          | 0.023             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_15MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2503.8MHz,#2520.9MHz_P_75@L+S_100@L  | Pass   | 7.20        | 16.52           | 16.52          | 0.045             | 2            | 23.72         | 0.236       | Inf              |
| C#2503.8MHz,#2520.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.90           | 13.90          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_75@L+S_100@L  | Pass   | 7.20        | 19.00           | 19.00          | 0.079             | 2            | 28.77         | 0.753       | Inf              |
| C#2593.3MHz,#2610.4MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.62           | 13.62          | 0.023             | 2            | 22.69         | 0.186       | Inf              |
| C#2662.9MHz,#2680MHz_P_75@L+S_100@L    | Pass   | 7.20        | 16.60           | 16.60          | 0.046             | 2            | 28.72         | 0.745       | Inf              |
| C#2662.9MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.47           | 13.47          | 0.022             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+5MHz_Nss1,QPSK_1TX   | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2506MHz,#2517.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 19.98           | 19.98          | 0.100             | 2            | 27.18         | 0.522       | Inf              |
| C#2506MHz,#2517.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 20.93           | 20.93          | 0.124             | 2            | 21.52         | 0.142       | Inf              |
| C#2590.5MHz,#2602.2MHz_P_100@L+S_25@L  | Pass   | 7.20        | 20.39           | 20.39          | 0.109             | 2            | 28.77         | 0.753       | Inf              |
| C#2590.5MHz,#2602.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 19.36           | 19.36          | 0.086             | 2            | 22.69         | 0.186       | Inf              |
| C#2675MHz,#2686.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 19.81           | 19.81          | 0.096             | 2            | 28.72         | 0.745       | Inf              |
| C#2675MHz,#2686.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.60           | 13.60          | 0.023             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+5MHz_Nss1,16QAM_1TX  | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2506MHz,#2517.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 19.23           | 19.23          | 0.084             | 2            | 26.43         | 0.440       | Inf              |
| C#2506MHz,#2517.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 20.20           | 20.20          | 0.105             | 2            | 21.52         | 0.142       | Inf              |
| C#2590.5MHz,#2602.2MHz_P_100@L+S_25@L  | Pass   | 7.20        | 19.34           | 19.34          | 0.086             | 2            | 28.77         | 0.753       | Inf              |
| C#2590.5MHz,#2602.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 17.11           | 17.11          | 0.051             | 2            | 22.69         | 0.186       | Inf              |
| C#2675MHz,#2686.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 18.85           | 18.85          | 0.077             | 2            | 28.72         | 0.745       | Inf              |
| C#2675MHz,#2686.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.83           | 13.83          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+5MHz_Nss1,64QAM_1TX  | -      | -           | -               | -              | -                 |              | -             | -           | -                |
| C#2506MHz,#2517.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 19.26           | 19.26          | 0.084             | 2            | 26.46         | 0.443       | Inf              |
| C#2506MHz,#2517.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 20.21           | 20.21          | 0.105             | 2            | 21.52         | 0.142       | Inf              |

## Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power Lim.<br>(W) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|-------------------|--------------|---------------|-------------|------------------|
| C#2590.5MHz,#2602.2MHz_P_100@L+S_25@L  | Pass   | 7.20        | 19.33           | 19.33          | 0.086             | 2            | 28.77         | 0.753       | Inf              |
| C#2590.5MHz,#2602.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 16.07           | 16.07          | 0.040             | 2            | 22.69         | 0.186       | Inf              |
| C#2675MHz,#2686.7MHz_P_100@L+S_25@L    | Pass   | 7.20        | 19.30           | 19.30          | 0.085             | 2            | 28.72         | 0.745       | Inf              |
| C#2675MHz,#2686.7MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.32           | 13.32          | 0.021             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2520.4MHz_P_100@L+S_50@L    | Pass   | 7.20        | 20.10           | 20.10          | 0.102             | 2            | 27.30         | 0.537       | Inf              |
| C#2506MHz,#2520.4MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.97           | 13.97          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 20.27           | 20.27          | 0.106             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.90           | 13.90          | 0.025             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 19.71           | 19.71          | 0.094             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 12.91           | 12.91          | 0.020             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2520.4MHz_P_100@L+S_50@L    | Pass   | 7.20        | 19.20           | 19.20          | 0.083             | 2            | 26.40         | 0.437       | Inf              |
| C#2506MHz,#2520.4MHz_P_1@L+S_1@H       | Pass   | 7.20        | 14.14           | 14.14          | 0.026             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 19.45           | 19.45          | 0.088             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.63           | 14.63          | 0.029             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 19.06           | 19.06          | 0.081             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.37           | 13.37          | 0.022             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+10MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2520.4MHz_P_100@L+S_50@L    | Pass   | 7.20        | 19.31           | 19.31          | 0.085             | 2            | 26.51         | 0.448       | Inf              |
| C#2506MHz,#2520.4MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.99           | 13.99          | 0.025             | 2            | 21.52         | 0.142       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 19.44           | 19.44          | 0.088             | 2            | 28.77         | 0.753       | Inf              |
| C#2588.1MHz,#2602.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.43           | 14.43          | 0.028             | 2            | 22.69         | 0.186       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_100@L+S_50@L  | Pass   | 7.20        | 18.97           | 18.97          | 0.079             | 2            | 28.72         | 0.745       | Inf              |
| C#2670.1MHz,#2684.5MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.01           | 14.01          | 0.025             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2523.1MHz_P_100@L+S_75@L    | Pass   | 7.20        | 19.43           | 19.43          | 0.088             | 2            | 26.63         | 0.460       | Inf              |
| C#2506MHz,#2523.1MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.49           | 13.49          | 0.022             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_100@L+S_75@L  | Pass   | 7.20        | 19.86           | 19.86          | 0.097             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.79           | 13.79          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_100@L+S_75@L  | Pass   | 7.20        | 19.35           | 19.35          | 0.086             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.24           | 13.24          | 0.021             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2523.1MHz_P_100@L+S_75@L    | Pass   | 7.20        | 18.55           | 18.55          | 0.072             | 2            | 25.75         | 0.376       | Inf              |
| C#2506MHz,#2523.1MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.64           | 13.64          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_100@L+S_75@L  | Pass   | 7.20        | 18.90           | 18.90          | 0.078             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 14.01           | 14.01          | 0.025             | 2            | 22.69         | 0.186       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_100@L+S_75@L  | Pass   | 7.20        | 18.21           | 18.21          | 0.066             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.46           | 13.46          | 0.022             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+15MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2523.1MHz_P_100@L+S_75@L    | Pass   | 7.20        | 17.76           | 17.76          | 0.060             | 2            | 24.96         | 0.313       | Inf              |
| C#2506MHz,#2523.1MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.64           | 13.64          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_100@L+S_75@L  | Pass   | 7.20        | 18.41           | 18.41          | 0.069             | 2            | 28.77         | 0.753       | Inf              |
| C#2585.6MHz,#2602.7MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.68           | 13.68          | 0.023             | 2            | 22.69         | 0.186       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_100@L+S_75@L  | Pass   | 7.20        | 18.33           | 18.33          | 0.068             | 2            | 28.72         | 0.745       | Inf              |
| C#2665.1MHz,#2682.2MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.02           | 13.02          | 0.020             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2525.8MHz_P_100@L+S_100@L   | Pass   | 7.20        | 19.67           | 19.67          | 0.093             | 2            | 26.87         | 0.486       | Inf              |



Test Mode: Mode 22 / EUT 2 + Set 3 antenna (LTE Band 41\_2CA)

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Power<br>(dBm) | Power Lim.<br>(W) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------------------------|--------|-------------|-----------------|----------------|-------------------|--------------|---------------|-------------|------------------|
| C#2506MHz,#2525.8MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.53           | 13.53          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_100@L+S_100@L | Pass   | 7.20        | 19.88           | 19.88          | 0.097             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.78           | 13.78          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2660.2MHz,#2680MHz_P_100@L+S_100@L   | Pass   | 7.20        | 19.42           | 19.42          | 0.087             | 2            | 28.72         | 0.745       | Inf              |
| C#2660.2MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.75           | 13.75          | 0.024             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2525.8MHz_P_100@L+S_100@L   | Pass   | 7.20        | 18.77           | 18.77          | 0.075             | 2            | 25.97         | 0.395       | Inf              |
| C#2506MHz,#2525.8MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.78           | 13.78          | 0.024             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_100@L+S_100@L | Pass   | 7.20        | 18.95           | 18.95          | 0.079             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.74           | 13.74          | 0.024             | 2            | 22.69         | 0.186       | Inf              |
| C#2660.2MHz,#2680MHz_P_100@L+S_100@L   | Pass   | 7.20        | 18.88           | 18.88          | 0.077             | 2            | 28.72         | 0.745       | Inf              |
| C#2660.2MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.51           | 13.51          | 0.022             | 2            | 21.30         | 0.135       | Inf              |
| Band 41_LTE_20MHz+20MHz_Nss1,64QAM_1TX | -      | -           | -               | -              | -                 | -            | -             | -           | -                |
| C#2506MHz,#2525.8MHz_P_100@L+S_100@L   | Pass   | 7.20        | 18.76           | 18.76          | 0.075             | 2            | 25.96         | 0.394       | Inf              |
| C#2506MHz,#2525.8MHz_P_1@L+S_1@H       | Pass   | 7.20        | 13.53           | 13.53          | 0.023             | 2            | 21.52         | 0.142       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_100@L+S_100@L | Pass   | 7.20        | 18.28           | 18.28          | 0.067             | 2            | 28.77         | 0.753       | Inf              |
| C#2583.1MHz,#2602.9MHz_P_1@L+S_1@H     | Pass   | 7.20        | 13.94           | 13.94          | 0.025             | 2            | 22.69         | 0.186       | Inf              |
| C#2660.2MHz,#2680MHz_P_100@L+S_100@L   | Pass   | 7.20        | 18.27           | 18.27          | 0.067             | 2            | 28.72         | 0.745       | Inf              |
| C#2660.2MHz,#2680MHz_P_1@L+S_1@H       | Pass   | 7.20        | 14.24           | 14.24          | 0.027             | 2            | 21.30         | 0.135       | Inf              |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 23 / EUT 2 + Set 3 antenna (CA\_2A\_5A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_2A_5A                      | -              | -            | -             | -           |
| LTE_5MHz+5MHz_Nss1,QPSK_2TX   | 21.54          | 0.143        | 29.94         | 0.986       |
| LTE_5MHz+10MHz_Nss1,QPSK_2TX  | 21.50          | 0.141        | 29.90         | 0.977       |
| LTE_10MHz+5MHz_Nss1,QPSK_2TX  | 21.48          | 0.141        | 29.88         | 0.973       |
| LTE_10MHz+10MHz_Nss1,QPSK_2TX | 21.53          | 0.142        | 29.93         | 0.984       |
| LTE_15MHz+5MHz_Nss1,QPSK_2TX  | 21.70          | 0.148        | 30.10         | 1.023       |
| LTE_20MHz+10MHz_Nss1,QPSK_2TX | 21.70          | 0.148        | 30.10         | 1.023       |

Test Mode: Mode 23 / EUT 2 + Set 3 antenna (CA\_2A\_5A)

## Result

| Mode                                   | Result | Band2<br>DG<br>(dBi) | Band2<br>Port 1<br>(dBm) | Band2<br>EIRP<br>(dBm) | Band2<br>EIRP<br>(W) | Band2<br>EIRP Lim.<br>(W) | Band5<br>DG<br>(dBi) | Band5<br>Port 1<br>(dBm) | Band5<br>ERP<br>(dBm) | Band5<br>ERP<br>(W) | Band5<br>ERP Lim.<br>(W) |
|----------------------------------------|--------|----------------------|--------------------------|------------------------|----------------------|---------------------------|----------------------|--------------------------|-----------------------|---------------------|--------------------------|
| CA_2A_5A_LTE_5MHz+5MHz_Nss1,QPSK_2TX   | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1852.5MHz,#826.5MHz_P_25@L+S_25@L    | Pass   | 8.4                  | 20.90                    | 29.30                  | 0.851                | 2                         | 4                    | 16.50                    | 18.35                 | 0.068               | 7.00                     |
| P#1852.5MHz,#826.5MHz_P_1@L+S_1@H      | Pass   | 8.4                  | 21.02                    | 29.42                  | 0.875                | 2                         | 4                    | 15.68                    | 17.53                 | 0.057               | 7.00                     |
| P#1880MHz,#836.5MHz_P_25@L+S_25@L      | Pass   | 8.4                  | 20.96                    | 29.36                  | 0.863                | 2                         | 4                    | 16.46                    | 18.31                 | 0.068               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.28                    | 29.68                  | 0.929                | 2                         | 4                    | 15.70                    | 17.55                 | 0.057               | 7.00                     |
| P#1907.5MHz,#846.5MHz_P_25@L+S_25@L    | Pass   | 8.4                  | 21.13                    | 29.53                  | 0.897                | 2                         | 4                    | 16.42                    | 18.27                 | 0.067               | 7.00                     |
| P#1907.5MHz,#846.5MHz_P_1@L+S_1@H      | Pass   | 8.4                  | 21.54                    | 29.94                  | 0.986                | 2                         | 4                    | 15.68                    | 17.53                 | 0.057               | 7.00                     |
| CA_2A_5A_LTE_5MHz+10MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1852.5MHz,#829MHz_P_25@L+S_50@L      | Pass   | 8.4                  | 20.88                    | 29.28                  | 0.847                | 2                         | 4                    | 16.52                    | 18.37                 | 0.069               | 7.00                     |
| P#1852.5MHz,#829MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.02                    | 29.42                  | 0.875                | 2                         | 4                    | 15.89                    | 17.74                 | 0.059               | 7.00                     |
| P#1880MHz,#836.5MHz_P_25@L+S_50@L      | Pass   | 8.4                  | 21.00                    | 29.40                  | 0.871                | 2                         | 4                    | 16.45                    | 18.30                 | 0.068               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.28                    | 29.68                  | 0.929                | 2                         | 4                    | 15.98                    | 17.83                 | 0.061               | 7.00                     |
| P#1907.5MHz,#844MHz_P_25@L+S_50@L      | Pass   | 8.4                  | 21.16                    | 29.56                  | 0.904                | 2                         | 4                    | 16.50                    | 18.35                 | 0.068               | 7.00                     |
| P#1907.5MHz,#844MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.50                    | 29.90                  | 0.977                | 2                         | 4                    | 15.85                    | 17.70                 | 0.059               | 7.00                     |
| CA_2A_5A_LTE_10MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1855MHz,#826.5MHz_P_50@L+S_25@L      | Pass   | 8.4                  | 20.97                    | 29.37                  | 0.865                | 2                         | 4                    | 16.41                    | 18.26                 | 0.067               | 7.00                     |
| P#1855MHz,#826.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 20.81                    | 29.21                  | 0.834                | 2                         | 4                    | 15.68                    | 17.53                 | 0.057               | 7.00                     |
| P#1880MHz,#836.5MHz_P_50@L+S_25@L      | Pass   | 8.4                  | 20.98                    | 29.38                  | 0.867                | 2                         | 4                    | 16.52                    | 18.37                 | 0.069               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 20.93                    | 29.33                  | 0.857                | 2                         | 4                    | 15.81                    | 17.66                 | 0.058               | 7.00                     |
| P#1905MHz,#846.5MHz_P_50@L+S_25@L      | Pass   | 8.4                  | 21.15                    | 29.55                  | 0.902                | 2                         | 4                    | 16.43                    | 18.28                 | 0.067               | 7.00                     |
| P#1905MHz,#846.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.48                    | 29.88                  | 0.973                | 2                         | 4                    | 15.85                    | 17.70                 | 0.059               | 7.00                     |
| CA_2A_5A_LTE_10MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1855MHz,#829MHz_P_50@L+S_50@L        | Pass   | 8.4                  | 20.93                    | 29.33                  | 0.857                | 2                         | 4                    | 16.61                    | 18.46                 | 0.070               | 7.00                     |
| P#1855MHz,#829MHz_P_1@L+S_1@H          | Pass   | 8.4                  | 21.06                    | 29.46                  | 0.883                | 2                         | 4                    | 15.94                    | 17.79                 | 0.060               | 7.00                     |
| P#1880MHz,#836.5MHz_P_50@L+S_50@L      | Pass   | 8.4                  | 21.07                    | 29.47                  | 0.885                | 2                         | 4                    | 16.55                    | 18.40                 | 0.069               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.25                    | 29.65                  | 0.923                | 2                         | 4                    | 15.74                    | 17.59                 | 0.057               | 7.00                     |
| P#1905MHz,#844MHz_P_50@L+S_50@L        | Pass   | 8.4                  | 21.21                    | 29.61                  | 0.914                | 2                         | 4                    | 16.45                    | 18.30                 | 0.068               | 7.00                     |
| P#1905MHz,#844MHz_P_1@L+S_1@H          | Pass   | 8.4                  | 21.53                    | 29.93                  | 0.984                | 2                         | 4                    | 15.81                    | 17.66                 | 0.058               | 7.00                     |
| CA_2A_5A_LTE_15MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1857.5MHz,#826.5MHz_P_75@L+S_25@L    | Pass   | 8.4                  | 21.04                    | 29.44                  | 0.879                | 2                         | 4                    | 16.50                    | 18.35                 | 0.068               | 7.00                     |
| P#1857.5MHz,#826.5MHz_P_1@L+S_1@H      | Pass   | 8.4                  | 21.36                    | 29.76                  | 0.946                | 2                         | 4                    | 15.86                    | 17.71                 | 0.059               | 7.00                     |
| P#1880MHz,#836.5MHz_P_75@L+S_25@L      | Pass   | 8.4                  | 21.07                    | 29.47                  | 0.885                | 2                         | 4                    | 16.57                    | 18.42                 | 0.070               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.41                    | 29.81                  | 0.957                | 2                         | 4                    | 16.08                    | 17.93                 | 0.062               | 7.00                     |
| P#1902.5MHz,#846.5MHz_P_75@L+S_25@L    | Pass   | 8.4                  | 21.37                    | 29.77                  | 0.948                | 2                         | 4                    | 16.50                    | 18.35                 | 0.068               | 7.00                     |
| P#1902.5MHz,#846.5MHz_P_1@L+S_1@H      | Pass   | 8.4                  | 21.70                    | 30.10                  | 1.023                | 2                         | 4                    | 15.52                    | 17.37                 | 0.055               | 7.00                     |
| CA_2A_5A_LTE_20MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                     | -                   | -                        |
| P#1860MHz,#829MHz_P_100@L+S_50@L       | Pass   | 8.4                  | 21.10                    | 29.50                  | 0.891                | 2                         | 4                    | 16.58                    | 18.43                 | 0.070               | 7.00                     |
| P#1860MHz,#829MHz_P_1@L+S_1@H          | Pass   | 8.4                  | 21.30                    | 29.70                  | 0.933                | 2                         | 4                    | 15.95                    | 17.80                 | 0.060               | 7.00                     |
| P#1880MHz,#836.5MHz_P_100@L+S_50@L     | Pass   | 8.4                  | 21.15                    | 29.55                  | 0.902                | 2                         | 4                    | 16.62                    | 18.47                 | 0.070               | 7.00                     |
| P#1880MHz,#836.5MHz_P_1@L+S_1@H        | Pass   | 8.4                  | 21.29                    | 29.69                  | 0.931                | 2                         | 4                    | 15.85                    | 17.70                 | 0.059               | 7.00                     |
| P#1900MHz,#844MHz_P_100@L+S_50@L       | Pass   | 8.4                  | 21.32                    | 29.72                  | 0.938                | 2                         | 4                    | 16.51                    | 18.36                 | 0.069               | 7.00                     |
| P#1900MHz,#844MHz_P_1@L+S_1@H          | Pass   | 8.4                  | 21.70                    | 30.10                  | 1.023                | 2                         | 4                    | 16.21                    | 18.06                 | 0.064               | 7.00                     |

DG = Directional Gain; Port n = Port n output power



Test Mode: Mode 24 / EUT 2 + Set 3 antenna (CA\_2A\_12A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_2A_12A                     | -              | -            | -             | -           |
| LTE_5MHz+5MHz_Nss1,QPSK_1TX   | 20.75          | 0.119        | 29.15         | 0.822       |
| LTE_5MHz+10MHz_Nss1,QPSK_1TX  | 20.77          | 0.119        | 29.17         | 0.826       |
| LTE_10MHz+5MHz_Nss1,QPSK_1TX  | 20.87          | 0.122        | 29.27         | 0.845       |
| LTE_10MHz+10MHz_Nss1,QPSK_1TX | 20.78          | 0.120        | 29.18         | 0.828       |
| LTE_15MHz+5MHz_Nss1,QPSK_1TX  | 20.96          | 0.125        | 29.36         | 0.863       |
| LTE_20MHz+10MHz_Nss1,QPSK_1TX | 20.99          | 0.126        | 29.39         | 0.869       |



Test Mode: Mode 24 / EUT 2 + Set 3 antenna (CA\_2A\_12A)

**Result**

| Mode                                    | Result | Band2<br>DG<br>(dBi) | Band2<br>Port 1<br>(dBm) | Band2<br>EIRP<br>(dBm) | Band2<br>EIRP<br>(W) | Band2<br>EIRP Lim.<br>(W) | Band12<br>DG<br>(dBi) | Band12<br>Port 1<br>(dBm) | Band12<br>ERP<br>(dBm) | Band12<br>ERP<br>(W) | Band12<br>ERP Lim.<br>(W) |
|-----------------------------------------|--------|----------------------|--------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|------------------------|----------------------|---------------------------|
| CA_2A_12A_LTE_5MHz+5MHz_Nss1,QPSK_1TX   | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1852.5MHz,#701.5MHz_P_25@L+S_25@L     | Pass   | 8.4                  | 20.54                    | 28.94                  | 0.783                | 2                         | 3.00                  | 15.13                     | 15.98                  | 0.040                | 30.00                     |
| P#1852.5MHz,#701.5MHz_P_1@L+S_1@H       | Pass   | 8.4                  | 20.75                    | 29.15                  | 0.822                | 2                         | 3.00                  | 14.52                     | 15.37                  | 0.034                | 30.00                     |
| P#1880MHz,#707.5MHz_P_25@L+S_25@L       | Pass   | 8.4                  | 20.37                    | 28.77                  | 0.753                | 2                         | 3.00                  | 15.17                     | 16.02                  | 0.040                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.53                    | 28.93                  | 0.782                | 2                         | 3.00                  | 14.37                     | 15.22                  | 0.033                | 30.00                     |
| P#1907.5MHz,#713.5MHz_P_25@L+S_25@L     | Pass   | 8.4                  | 20.47                    | 28.87                  | 0.771                | 2                         | 3.00                  | 15.12                     | 15.97                  | 0.040                | 30.00                     |
| P#1907.5MHz,#713.5MHz_P_1@L+S_1@H       | Pass   | 8.4                  | 20.68                    | 29.08                  | 0.809                | 2                         | 3.00                  | 14.62                     | 15.47                  | 0.035                | 30.00                     |
| CA_2A_12A_LTE_5MHz+10MHz_Nss1,QPSK_1TX  | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1852.5MHz,#704MHz_P_25@L+S_50@L       | Pass   | 8.4                  | 20.49                    | 28.89                  | 0.774                | 2                         | 3.00                  | 15.17                     | 16.02                  | 0.040                | 30.00                     |
| P#1852.5MHz,#704MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.75                    | 29.15                  | 0.822                | 2                         | 3.00                  | 14.71                     | 15.56                  | 0.036                | 30.00                     |
| P#1880MHz,#707.5MHz_P_25@L+S_50@L       | Pass   | 8.4                  | 20.42                    | 28.82                  | 0.762                | 2                         | 3.00                  | 15.06                     | 15.91                  | 0.039                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.58                    | 28.98                  | 0.791                | 2                         | 3.00                  | 14.50                     | 15.35                  | 0.034                | 30.00                     |
| P#1907.5MHz,#711MHz_P_25@L+S_50@L       | Pass   | 8.4                  | 20.49                    | 28.89                  | 0.774                | 2                         | 3.00                  | 15.00                     | 15.85                  | 0.038                | 30.00                     |
| P#1907.5MHz,#711MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.77                    | 29.17                  | 0.826                | 2                         | 3.00                  | 14.32                     | 15.17                  | 0.033                | 30.00                     |
| CA_2A_12A_LTE_10MHz+5MHz_Nss1,QPSK_1TX  | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1855MHz,#701.5MHz_P_50@L+S_25@L       | Pass   | 8.4                  | 20.64                    | 29.04                  | 0.802                | 2                         | 3.00                  | 15.16                     | 16.01                  | 0.040                | 30.00                     |
| P#1855MHz,#701.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.62                    | 29.02                  | 0.798                | 2                         | 3.00                  | 14.27                     | 15.12                  | 0.033                | 30.00                     |
| P#1880MHz,#707.5MHz_P_50@L+S_25@L       | Pass   | 8.4                  | 20.43                    | 28.83                  | 0.764                | 2                         | 3.00                  | 15.11                     | 15.96                  | 0.039                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.67                    | 29.07                  | 0.807                | 2                         | 3.00                  | 14.46                     | 15.31                  | 0.034                | 30.00                     |
| P#1905MHz,#713.5MHz_P_50@L+S_25@L       | Pass   | 8.4                  | 20.53                    | 28.93                  | 0.782                | 2                         | 3.00                  | 15.12                     | 15.97                  | 0.040                | 30.00                     |
| P#1905MHz,#713.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.87                    | 29.27                  | 0.845                | 2                         | 3.00                  | 14.51                     | 15.36                  | 0.034                | 30.00                     |
| CA_2A_12A_LTE_10MHz+10MHz_Nss1,QPSK_1TX | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1855MHz,#704MHz_P_50@L+S_50@L         | Pass   | 8.4                  | 20.57                    | 28.97                  | 0.789                | 2                         | 3.00                  | 15.08                     | 15.93                  | 0.039                | 30.00                     |
| P#1855MHz,#704MHz_P_1@L+S_1@H           | Pass   | 8.4                  | 20.67                    | 29.07                  | 0.807                | 2                         | 3.00                  | 13.96                     | 14.81                  | 0.030                | 30.00                     |
| P#1880MHz,#707.5MHz_P_50@L+S_50@L       | Pass   | 8.4                  | 20.39                    | 28.79                  | 0.757                | 2                         | 3.00                  | 15.00                     | 15.85                  | 0.038                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.67                    | 29.07                  | 0.807                | 2                         | 3.00                  | 13.89                     | 14.74                  | 0.030                | 30.00                     |
| P#1905MHz,#711MHz_P_50@L+S_50@L         | Pass   | 8.4                  | 20.78                    | 29.18                  | 0.828                | 2                         | 3.00                  | 14.27                     | 15.12                  | 0.033                | 30.00                     |
| P#1905MHz,#711MHz_P_1@L+S_1@H           | Pass   | 8.4                  | 20.48                    | 28.88                  | 0.773                | 2                         | 3.00                  | 14.98                     | 15.83                  | 0.038                | 30.00                     |
| CA_2A_12A_LTE_15MHz+5MHz_Nss1,QPSK_1TX  | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1857.5MHz,#701.5MHz_P_75@L+S_25@L     | Pass   | 8.4                  | 20.57                    | 28.97                  | 0.789                | 2                         | 3.00                  | 15.10                     | 15.95                  | 0.039                | 30.00                     |
| P#1857.5MHz,#701.5MHz_P_1@L+S_1@H       | Pass   | 8.4                  | 20.81                    | 29.21                  | 0.834                | 2                         | 3.00                  | 14.39                     | 15.24                  | 0.033                | 30.00                     |
| P#1880MHz,#707.5MHz_P_75@L+S_25@L       | Pass   | 8.4                  | 20.43                    | 28.83                  | 0.764                | 2                         | 3.00                  | 14.97                     | 15.82                  | 0.038                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.76                    | 29.16                  | 0.824                | 2                         | 3.00                  | 14.62                     | 15.47                  | 0.035                | 30.00                     |
| P#1902.5MHz,#713.5MHz_P_75@L+S_25@L     | Pass   | 8.4                  | 20.52                    | 28.92                  | 0.780                | 2                         | 3.00                  | 14.96                     | 15.81                  | 0.038                | 30.00                     |
| P#1902.5MHz,#713.5MHz_P_1@L+S_1@H       | Pass   | 8.4                  | 20.96                    | 29.36                  | 0.863                | 2                         | 3.00                  | 14.63                     | 15.48                  | 0.035                | 30.00                     |
| CA_2A_12A_LTE_20MHz+10MHz_Nss1,QPSK_1TX | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1860MHz,#704MHz_P_100@L+S_50@L        | Pass   | 8.4                  | 20.6                     | 29.00                  | 0.794                | 2                         | 3.00                  | 15.05                     | 15.9                   | 0.039                | 30.00                     |
| P#1860MHz,#704MHz_P_1@L+S_1@H           | Pass   | 8.4                  | 20.9                     | 29.30                  | 0.851                | 2                         | 3.00                  | 14.25                     | 15.1                   | 0.032                | 30.00                     |
| P#1880MHz,#707.5MHz_P_100@L+S_50@L      | Pass   | 8.4                  | 20.49                    | 28.89                  | 0.774                | 2                         | 3.00                  | 15.00                     | 15.85                  | 0.038                | 30.00                     |
| P#1880MHz,#707.5MHz_P_1@L+S_1@H         | Pass   | 8.4                  | 20.77                    | 29.17                  | 0.826                | 2                         | 3.00                  | 13.9                      | 14.75                  | 0.030                | 30.00                     |
| P#1900MHz,#711MHz_P_100@L+S_50@L        | Pass   | 8.4                  | 20.50                    | 28.90                  | 0.776                | 2                         | 3.00                  | 15.02                     | 15.87                  | 0.039                | 30.00                     |
| P#1900MHz,#711MHz_P_1@L+S_1@H           | Pass   | 8.4                  | 20.99                    | 29.39                  | 0.869                | 2                         | 3.00                  | 14.59                     | 15.44                  | 0.035                | 30.00                     |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 25 / EUT 2 + Set 3 antenna (CA\_2A\_13A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_2A_13A                     | -              | -            | -             | -           |
| LTE_5MHz+10MHz_Nss1,QPSK_1TX  | 21.19          | 0.132        | 29.59         | 0.910       |
| LTE_10MHz+10MHz_Nss1,QPSK_1TX | 21.29          | 0.135        | 29.69         | 0.931       |
| LTE_20MHz+10MHz_Nss1,QPSK_1TX | 21.38          | 0.137        | 29.78         | 0.951       |



Test Mode: Mode 25 / EUT 2 + Set 3 antenna (CA\_2A\_13A)

**Result**

| Mode                                    | Result | Band 2<br>DG<br>(dBi) | Band 2<br>Port 1<br>(dBm) | Band 2<br>EIRP<br>(dBm) | Band 2<br>EIRP<br>(W) | Band 2<br>EIRP Lim.<br>(W) | Band 13<br>DG<br>(dBi) | Band 13<br>Port 1<br>(dBm) | Band 13<br>ERP<br>(dBm) | Band 13<br>ERP<br>(W) | Band 13<br>ERP Lim.<br>(W) |
|-----------------------------------------|--------|-----------------------|---------------------------|-------------------------|-----------------------|----------------------------|------------------------|----------------------------|-------------------------|-----------------------|----------------------------|
| CA_2A_13A_LTE_5MHz+10MHz_Nss1,QPSK_1TX  | -      | -                     | -                         | -                       | -                     | -                          | -                      | -                          | -                       | -                     | -                          |
| P#1852.5MHz,#782MHz_P_25@L+S_50@L       | Pass   | 8.40                  | 20.97                     | 29.37                   | 0.865                 | 2                          | 5.50                   | 15.77                      | 19.12                   | 0.082                 | 30.00                      |
| P#1852.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 8.40                  | 21.19                     | 29.59                   | 0.910                 | 2                          | 5.50                   | 14.81                      | 18.16                   | 0.065                 | 30.00                      |
| P#1880MHz,#782MHz_P_25@L+S_50@L         | Pass   | 8.40                  | 20.86                     | 29.26                   | 0.843                 | 2                          | 5.50                   | 15.70                      | 19.05                   | 0.080                 | 30.00                      |
| P#1880MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.08                     | 29.48                   | 0.887                 | 2                          | 5.50                   | 14.74                      | 18.09                   | 0.064                 | 30.00                      |
| P#1907.5MHz,#782MHz_P_25@L+S_50@L       | Pass   | 8.40                  | 20.93                     | 29.33                   | 0.857                 | 2                          | 5.50                   | 15.76                      | 19.11                   | 0.081                 | 30.00                      |
| P#1907.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 8.40                  | 21.16                     | 29.56                   | 0.904                 | 2                          | 5.50                   | 14.83                      | 18.18                   | 0.066                 | 30.00                      |
| CA_2A_13A_LTE_10MHz+10MHz_Nss1,QPSK_1TX | -      | -                     | -                         | -                       | -                     | -                          | -                      | -                          | -                       | -                     | -                          |
| P#1855MHz,#782MHz_P_50@L+S_50@L         | Pass   | 8.40                  | 21.04                     | 29.44                   | 0.879                 | 2                          | 5.50                   | 15.73                      | 19.08                   | 0.081                 | 30.00                      |
| P#1855MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.29                     | 29.69                   | 0.931                 | 2                          | 5.50                   | 14.77                      | 18.12                   | 0.065                 | 30.00                      |
| P#1880MHz,#782MHz_P_50@L+S_50@L         | Pass   | 8.40                  | 20.85                     | 29.25                   | 0.841                 | 2                          | 5.50                   | 15.69                      | 19.04                   | 0.080                 | 30.00                      |
| P#1880MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.13                     | 29.53                   | 0.897                 | 2                          | 5.50                   | 15.21                      | 18.56                   | 0.072                 | 30.00                      |
| P#1905MHz,#782MHz_P_50@L+S_50@L         | Pass   | 8.40                  | 20.93                     | 29.33                   | 0.857                 | 2                          | 5.50                   | 15.64                      | 18.99                   | 0.079                 | 30.00                      |
| P#1905MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.26                     | 29.66                   | 0.925                 | 2                          | 5.50                   | 15.04                      | 18.39                   | 0.069                 | 30.00                      |
| CA_2A_13A_LTE_20MHz+10MHz_Nss1,QPSK_1TX | -      | -                     | -                         | -                       | -                     | -                          | -                      | -                          | -                       | -                     | -                          |
| P#1860MHz,#782MHz_P_100@L+S_50@L        | Pass   | 8.40                  | 21.06                     | 29.46                   | 0.883                 | 2                          | 5.50                   | 15.89                      | 19.24                   | 0.084                 | 30.00                      |
| P#1860MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.38                     | 29.78                   | 0.951                 | 2                          | 5.50                   | 14.98                      | 18.33                   | 0.068                 | 30.00                      |
| P#1880MHz,#782MHz_P_100@L+S_50@L        | Pass   | 8.40                  | 20.97                     | 29.37                   | 0.865                 | 2                          | 5.50                   | 15.81                      | 19.16                   | 0.082                 | 30.00                      |
| P#1880MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.27                     | 29.67                   | 0.927                 | 2                          | 5.50                   | 14.59                      | 17.94                   | 0.062                 | 30.00                      |
| P#1900MHz,#782MHz_P_100@L+S_50@L        | Pass   | 8.40                  | 20.98                     | 29.38                   | 0.867                 | 2                          | 5.50                   | 15.87                      | 19.22                   | 0.084                 | 30.00                      |
| P#1900MHz,#782MHz_P_1@L+S_1@H           | Pass   | 8.40                  | 21.29                     | 29.69                   | 0.931                 | 2                          | 5.50                   | 15.01                      | 18.36                   | 0.069                 | 30.00                      |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 26 / EUT 2 + Set 3 antenna (CA\_4A\_7A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_4A-7A                      | -              | -            | -             | -           |
| LTE_5MHz+5MHz_Nss1,QPSK_2TX   | 20.83          | 0.1211       | 26.13         | 0.4102      |
| LTE_5MHz+10MHz_Nss1,QPSK_2TX  | 20.80          | 0.1202       | 26.10         | 0.4074      |
| LTE_5MHz+15MHz_Nss1,QPSK_2TX  | 20.78          | 0.1197       | 26.08         | 0.4055      |
| LTE_10MHz+5MHz_Nss1,QPSK_2TX  | 20.79          | 0.1199       | 26.09         | 0.4064      |
| LTE_10MHz+10MHz_Nss1,QPSK_2TX | 20.86          | 0.1219       | 26.16         | 0.4130      |
| LTE_10MHz+20MHz_Nss1,QPSK_2TX | 20.94          | 0.1242       | 26.24         | 0.4207      |





Test Mode: Mode 26 / EUT 2 + Set 3 antenna (CA\_4A\_7A)

**Result**

| Mode                                   | Result | Band4<br>DG<br>(dBi) | Band4<br>Port 1<br>(dBm) | Band4<br>EIRP<br>(dBm) | Band4<br>EIRP<br>(W) | Band4<br>EIRP Lim.<br>(W) | Band7<br>DG<br>(dBi) | Band7<br>Port 3<br>(dBm) | Band7<br>EIRP<br>(dBm) | Band7<br>EIRP<br>(W) | Band7<br>EIRP Lim.<br>(W) |
|----------------------------------------|--------|----------------------|--------------------------|------------------------|----------------------|---------------------------|----------------------|--------------------------|------------------------|----------------------|---------------------------|
| CA_4A-7A_LTE_5MHz+5MHz_Nss1,QPSK_2TX   | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | -                         |
| P#1712.5MHz,#2502.5MHz_P_25@L+S_25@L   | Pass   | 5.30                 | 20.65                    | 25.95                  | 0.3936               | 1                         | 8.700                | 15.18                    | 23.88                  | 0.2443               | 3.28                      |
| P#1712.5MHz,#2502.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.83                    | 28.73                  | 0.7464               | 1                         | 8.70                 | 14.52                    | 23.22                  | 0.2099               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_25@L+S_25@L     | Pass   | 5.30                 | 20.5                     | 28.4                   | 0.6918               | 1                         | 8.70                 | 15.36                    | 24.06                  | 0.2547               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.63                    | 28.53                  | 0.7129               | 1                         | 8.70                 | 14.52                    | 23.22                  | 0.2099               | 3.28                      |
| P#1752.5MHz,#2567.5MHz_P_25@L+S_25@L   | Pass   | 5.30                 | 20.41                    | 28.31                  | 0.6776               | 1                         | 8.70                 | 15.44                    | 24.14                  | 0.2594               | 3.28                      |
| P#1752.5MHz,#2567.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.63                    | 28.53                  | 0.7129               | 1                         | 8.70                 | 14.72                    | 23.42                  | 0.2198               | 3.28                      |
| CA_4A-7A_LTE_5MHz+10MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | -                         |
| P#1712.5MHz,#2507.5MHz_P_25@L+S_50@L   | Pass   | 5.30                 | 20.54                    | 28.44                  | 0.6982               | 1                         | 8.70                 | 15.16                    | 23.86                  | 0.2432               | 3.28                      |
| P#1712.5MHz,#2507.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.80                    | 28.70                  | 0.7413               | 1                         | 8.70                 | 14.48                    | 23.18                  | 0.2080               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_25@L+S_50@L     | Pass   | 5.30                 | 20.45                    | 28.35                  | 0.6839               | 1                         | 8.70                 | 15.51                    | 24.21                  | 0.2636               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.78                    | 28.68                  | 0.7379               | 1                         | 8.70                 | 14.73                    | 23.43                  | 0.2203               | 3.28                      |
| P#1752.5MHz,#2562.5MHz_P_25@L+S_50@L   | Pass   | 5.30                 | 20.42                    | 28.32                  | 0.6792               | 1                         | 8.70                 | 15.50                    | 24.20                  | 0.2630               | 3.28                      |
| P#1752.5MHz,#2562.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.62                    | 28.52                  | 0.7112               | 1                         | 8.70                 | 14.75                    | 23.45                  | 0.2213               | 3.28                      |
| CA_4A-7A_LTE_5MHz+15MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | 3.28                      |
| P#1712.5MHz,#2507.5MHz_P_25@L+S_75@L   | Pass   | 5.30                 | 20.58                    | 28.48                  | 0.7047               | 1                         | 8.70                 | 15.32                    | 24.02                  | 0.2523               | 3.28                      |
| P#1712.5MHz,#2507.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.78                    | 28.68                  | 0.7379               | 1                         | 8.70                 | 14.60                    | 23.30                  | 0.2138               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_25@L+S_75@L     | Pass   | 5.30                 | 20.40                    | 28.30                  | 0.6761               | 1                         | 8.70                 | 15.42                    | 24.12                  | 0.2582               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.64                    | 28.54                  | 0.7145               | 1                         | 8.70                 | 14.94                    | 23.64                  | 0.2312               | 3.28                      |
| P#1752.5MHz,#2562.5MHz_P_25@L+S_75@L   | Pass   | 5.30                 | 20.33                    | 28.23                  | 0.6653               | 1                         | 8.70                 | 15.46                    | 24.16                  | 0.2606               | 3.28                      |
| P#1752.5MHz,#2562.5MHz_P_1@L+S_1@H     | Pass   | 5.30                 | 20.49                    | 28.39                  | 0.6902               | 1                         | 8.70                 | 14.83                    | 23.53                  | 0.2254               | 3.28                      |
| CA_4A-7A_LTE_10MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | -                         |
| P#1715MHz,#2502.5MHz_P_50@L+S_25@L     | Pass   | 5.30                 | 20.64                    | 28.54                  | 0.7145               | 1                         | 8.70                 | 15.20                    | 23.9                   | 0.2455               | 3.28                      |
| P#1715MHz,#2502.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.79                    | 28.69                  | 0.7396               | 1                         | 8.70                 | 14.40                    | 23.10                  | 0.2042               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_50@L+S_25@L     | Pass   | 5.30                 | 20.38                    | 28.28                  | 0.6730               | 1                         | 8.70                 | 15.32                    | 24.02                  | 0.2523               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.75                    | 28.65                  | 0.7328               | 1                         | 8.70                 | 14.56                    | 23.26                  | 0.2118               | 3.28                      |
| P#1750MHz,#2567.5MHz_P_50@L+S_25@L     | Pass   | 5.30                 | 20.37                    | 28.27                  | 0.6714               | 1                         | 8.70                 | 15.46                    | 24.16                  | 0.2606               | 3.28                      |
| P#1750MHz,#2567.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.68                    | 28.58                  | 0.7211               | 1                         | 8.70                 | 14.71                    | 23.41                  | 0.2193               | 3.28                      |
| CA_4A-7A_LTE_10MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | -                         |
| P#1715MHz,#2505MHz_P_50@L+S_50@L       | Pass   | 5.30                 | 20.58                    | 28.48                  | 0.7047               | 1                         | 8.70                 | 15.16                    | 23.86                  | 0.2432               | 3.28                      |
| P#1715MHz,#2505MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 20.77                    | 28.67                  | 0.7362               | 1                         | 8.70                 | 14.16                    | 22.86                  | 0.1932               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_50@L+S_50@L     | Pass   | 5.30                 | 20.45                    | 28.35                  | 0.6839               | 1                         | 8.70                 | 15.44                    | 24.14                  | 0.2594               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.86                    | 28.76                  | 0.7516               | 1                         | 8.70                 | 14.48                    | 23.18                  | 0.2080               | 3.28                      |
| P#1750MHz,#2565MHz_P_50@L+S_50@L       | Pass   | 5.30                 | 20.35                    | 28.25                  | 0.6683               | 1                         | 8.70                 | 15.34                    | 24.04                  | 0.2535               | 3.28                      |
| P#1750MHz,#2565MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 20.51                    | 28.41                  | 0.6934               | 1                         | 8.70                 | 14.61                    | 23.31                  | 0.2143               | 3.28                      |
| CA_4A-7A_LTE_10MHz+20MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                    | -                        | -                      | -                    | -                         |
| P#1715MHz,#2510MHz_P_50@L+S_100@L      | Pass   | 5.30                 | 20.51                    | 28.41                  | 0.6934               | 1                         | 8.70                 | 15.41                    | 24.11                  | 0.2576               | 3.28                      |
| P#1715MHz,#2510MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 20.94                    | 28.84                  | 0.7656               | 1                         | 8.70                 | 14.66                    | 23.36                  | 0.2168               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_50@L+S_100@L    | Pass   | 5.30                 | 20.42                    | 28.32                  | 0.6792               | 1                         | 8.70                 | 15.55                    | 24.25                  | 0.2661               | 3.28                      |
| P#1732.5MHz,#2535MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 20.73                    | 28.63                  | 0.7295               | 1                         | 8.70                 | 14.62                    | 23.32                  | 0.2148               | 3.28                      |
| P#1750MHz,#2560MHz_P_50@L+S_100@L      | Pass   | 5.30                 | 20.37                    | 28.27                  | 0.6714               | 1                         | 8.70                 | 15.59                    | 24.29                  | 0.2685               | 3.28                      |
| P#1750MHz,#2560MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 20.63                    | 28.53                  | 0.7129               | 1                         | 8.70                 | 14.80                    | 23.50                  | 0.2239               | 3.28                      |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 27 / EUT 2 + Set 3 (4A) / Set 3 (12A) antenna (CA\_4A\_12A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_4A-12A                     | -              | -            | -             | -           |
| LTE_5MHz+5MHz_Nss1,QPSK_2TX   | 21.97          | 0.157        | 27.27         | 0.533       |
| LTE_5MHz+10MHz_Nss1,QPSK_2TX  | 21.63          | 0.146        | 26.93         | 0.493       |
| LTE_10MHz+5MHz_Nss1,QPSK_2TX  | 21.63          | 0.146        | 26.93         | 0.493       |
| LTE_10MHz+10MHz_Nss1,QPSK_2TX | 21.65          | 0.146        | 26.95         | 0.495       |
| LTE_15MHz+5MHz_Nss1,QPSK_2TX  | 21.74          | 0.149        | 27.04         | 0.506       |
| LTE_20MHz+10MHz_Nss1,QPSK_2TX | 21.86          | 0.153        | 27.16         | 0.520       |



Test Mode: Mode 27 / EUT 2 + Set 3 (4A) / Set 3 (12A) antenna (CA\_4A\_12A)

**Result**

| Mode                                    | Result | Band4<br>DG<br>(dBi) | Band4<br>Port 1<br>(dBm) | Band4<br>EIRP<br>(dBm) | Band4<br>EIRP<br>(W) | Band2<br>EIRP Lim.<br>(W) | Band12<br>DG<br>(W) | Band12<br>Port 2<br>(dBm) | Band12<br>ERP<br>(dBm) | Band12<br>ERP<br>(W) | Band12<br>ERP Lim.<br>(W) |
|-----------------------------------------|--------|----------------------|--------------------------|------------------------|----------------------|---------------------------|---------------------|---------------------------|------------------------|----------------------|---------------------------|
| CA_4A-12A_LTE_5MHz+5MHz_Nss1,QPSK_2TX   | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1712.5MHz,#701.5MHz_P_25@L+S_25@L     | Pass   | 5.30                 | 21.80                    | 27.10                  | 0.513                | 1                         | 3.00                | 15.51                     | 16.36                  | 0.043                | 30.00                     |
| P#1712.5MHz,#701.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.97                    | 27.27                  | 0.533                | 1                         | 3.00                | 14.67                     | 15.52                  | 0.036                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_25@L+S_25@L     | Pass   | 5.30                 | 21.70                    | 27.00                  | 0.501                | 1                         | 3.00                | 15.54                     | 16.39                  | 0.044                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.94                    | 27.24                  | 0.530                | 1                         | 3.00                | 15.14                     | 15.99                  | 0.040                | 30.00                     |
| P#1752.5MHz,#713.5MHz_P_25@L+S_25@L     | Pass   | 5.30                 | 21.73                    | 27.03                  | 0.505                | 1                         | 3.00                | 15.51                     | 16.36                  | 0.043                | 30.00                     |
| P#1752.5MHz,#713.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.90                    | 27.20                  | 0.525                | 1                         | 3.00                | 14.73                     | 15.58                  | 0.036                | 30.00                     |
| CA_4A-12A_LTE_5MHz+10MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1712.5MHz,#704MHz_P_25@L+S_50@L       | Pass   | 5.30                 | 21.46                    | 26.76                  | 0.474                | 1                         | 3.00                | 15.27                     | 16.12                  | 0.041                | 30.00                     |
| P#1712.5MHz,#704MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.55                    | 26.85                  | 0.484                | 1                         | 3.00                | 14.50                     | 15.35                  | 0.034                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_25@L+S_50@L     | Pass   | 5.30                 | 21.34                    | 26.64                  | 0.461                | 1                         | 3.00                | 15.21                     | 16.06                  | 0.040                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.63                    | 26.93                  | 0.493                | 1                         | 3.00                | 14.62                     | 15.47                  | 0.035                | 30.00                     |
| P#1752.5MHz,#711MHz_P_25@L+S_50@L       | Pass   | 5.30                 | 21.38                    | 26.68                  | 0.466                | 1                         | 3.00                | 15.21                     | 16.06                  | 0.040                | 30.00                     |
| P#1752.5MHz,#711MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.61                    | 26.91                  | 0.491                | 1                         | 3.00                | 14.79                     | 15.64                  | 0.037                | 30.00                     |
| CA_4A-12A_LTE_10MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1715MHz,#701.5MHz_P_50@L+S_25@L       | Pass   | 5.30                 | 21.45                    | 26.75                  | 0.473                | 1                         | 3.00                | 15.18                     | 16.03                  | 0.040                | 30.00                     |
| P#1715MHz,#701.5MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.62                    | 26.92                  | 0.492                | 1                         | 3.00                | 14.42                     | 15.27                  | 0.034                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_50@L+S_25@L     | Pass   | 5.30                 | 21.41                    | 26.71                  | 0.469                | 1                         | 3.00                | 15.23                     | 16.08                  | 0.041                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.61                    | 26.91                  | 0.491                | 1                         | 3.00                | 14.46                     | 15.31                  | 0.034                | 30.00                     |
| P#1750MHz,#713.5MHz_P_50@L+S_25@L       | Pass   | 5.30                 | 21.32                    | 26.62                  | 0.459                | 1                         | 3.00                | 15.13                     | 15.98                  | 0.040                | 30.00                     |
| P#1750MHz,#713.5MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.63                    | 26.93                  | 0.493                | 1                         | 3.00                | 14.67                     | 15.52                  | 0.036                | 30.00                     |
| CA_4A-12A_LTE_10MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1715MHz,#704MHz_P_50@L+S_50@L         | Pass   | 5.30                 | 21.40                    | 26.70                  | 0.468                | 1                         | 3.00                | 15.19                     | 16.04                  | 0.040                | 30.00                     |
| P#1715MHz,#704MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.65                    | 26.95                  | 0.495                | 1                         | 3.00                | 14.34                     | 15.19                  | 0.033                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_50@L+S_50@L     | Pass   | 5.30                 | 21.37                    | 26.67                  | 0.465                | 1                         | 3.00                | 15.14                     | 15.99                  | 0.040                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.57                    | 26.87                  | 0.486                | 1                         | 3.00                | 14.50                     | 15.35                  | 0.034                | 30.00                     |
| P#1750MHz,#711MHz_P_50@L+S_50@L         | Pass   | 5.30                 | 21.34                    | 26.64                  | 0.461                | 1                         | 3.00                | 15.11                     | 15.96                  | 0.039                | 30.00                     |
| P#1750MHz,#711MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.53                    | 26.83                  | 0.482                | 1                         | 3.00                | 14.22                     | 15.07                  | 0.032                | 30.00                     |
| CA_4A-12A_LTE_15MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1717.5MHz,#701.5MHz_P_75@L+S_25@L     | Pass   | 5.30                 | 21.48                    | 26.78                  | 0.476                | 1                         | 3.00                | 15.16                     | 16.01                  | 0.040                | 30.00                     |
| P#1717.5MHz,#701.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.74                    | 27.04                  | 0.506                | 1                         | 3.00                | 14.33                     | 15.18                  | 0.033                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_75@L+S_25@L     | Pass   | 5.30                 | 21.35                    | 26.65                  | 0.462                | 1                         | 3.00                | 15.10                     | 15.95                  | 0.039                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.68                    | 26.98                  | 0.499                | 1                         | 3.00                | 14.43                     | 15.28                  | 0.034                | 30.00                     |
| P#1747.5MHz,#713.5MHz_P_75@L+S_25@L     | Pass   | 5.30                 | 21.34                    | 26.64                  | 0.461                | 1                         | 3.00                | 15.10                     | 15.95                  | 0.039                | 30.00                     |
| P#1747.5MHz,#713.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.70                    | 27.00                  | 0.501                | 1                         | 3.00                | 14.32                     | 15.17                  | 0.033                | 30.00                     |
| CA_4A-12A_LTE_20MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                      | -                    | -                         | -                   | -                         | -                      | -                    | -                         |
| P#1720MHz,#704MHz_P_100@L+S_50@L        | Pass   | 5.30                 | 21.58                    | 26.88                  | 0.488                | 1                         | 3.00                | 15.27                     | 16.12                  | 0.041                | 30.00                     |
| P#1720MHz,#704MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.86                    | 27.16                  | 0.520                | 1                         | 3.00                | 14.16                     | 15.01                  | 0.032                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_100@L+S_50@L    | Pass   | 5.30                 | 21.44                    | 26.74                  | 0.472                | 1                         | 3.00                | 15.25                     | 16.10                  | 0.041                | 30.00                     |
| P#1732.5MHz,#707.5MHz_P_1@L+S_1@H       | Pass   | 5.30                 | 21.85                    | 27.15                  | 0.519                | 1                         | 3.00                | 14.40                     | 15.25                  | 0.033                | 30.00                     |
| P#1745MHz,#711MHz_P_100@L+S_50@L        | Pass   | 5.30                 | 21.47                    | 26.77                  | 0.475                | 1                         | 3.00                | 15.18                     | 16.03                  | 0.040                | 30.00                     |
| P#1745MHz,#711MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.73                    | 27.03                  | 0.505                | 1                         | 3.00                | 14.48                     | 15.33                  | 0.034                | 30.00                     |

**DG** = Directional Gain; **Port n** = Port n output power

Test Mode: Mode 28 / EUT 2 + Set 3 (4A) / Set 3 (13A) antenna (CA\_4A\_13A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_4A-13A                     | -              | -            | -             | -           |
| LTE_5MHz+10MHz_Nss1,QPSK_1TX  | 21.78          | 0.151        | 27.08         | 0.511       |
| LTE_10MHz+10MHz_Nss1,QPSK_1TX | 21.83          | 0.152        | 27.13         | 0.516       |
| LTE_20MHz+10MHz_Nss1,QPSK_1TX | 21.96          | 0.157        | 27.26         | 0.532       |



Test Mode: Mode 28 / EUT 2 + Set 3 (4A) / Set 3 (13A) antenna (CA\_4A\_13A)

**Result**

| Mode                                    | Result | Band4<br>DG<br>(dBi) | Band4<br>Port 1<br>(dBm) | Band4<br>EIRP<br>(dBm) | Band4<br>EIRP<br>(W) | Band4<br>EIRP Lim.<br>(W) | Badn13<br>DG<br>(dBi) | Badn13<br>Port 2<br>(dBm) | Badn13<br>ERP<br>(dBm) | Badn13<br>ERP<br>(W) | Badn13<br>ERP Lim.<br>(W) |
|-----------------------------------------|--------|----------------------|--------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|------------------------|----------------------|---------------------------|
| CA_4A-13A_LTE_5MHz+10MHz_Nss1,QPSK_1TX  | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1712.5MHz,#782MHz_P_25@L+S_50@L       | Pass   | 5.30                 | 21.62                    | 26.92                  | 0.492                | 1                         | 5.50                  | 16.47                     | 19.82                  | 0.096                | 30.00                     |
| P#1712.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.74                    | 27.04                  | 0.506                | 1                         | 5.50                  | 15.56                     | 18.91                  | 0.078                | 30.00                     |
| P#1732.5MHz,#782MHz_P_25@L+S_50@L       | Pass   | 5.30                 | 21.57                    | 26.87                  | 0.486                | 1                         | 5.50                  | 16.39                     | 19.74                  | 0.094                | 30.00                     |
| P#1732.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.77                    | 27.07                  | 0.509                | 1                         | 5.50                  | 15.60                     | 18.95                  | 0.079                | 30.00                     |
| P#1752.5MHz,#782MHz_P_25@L+S_50@L       | Pass   | 5.30                 | 21.55                    | 26.85                  | 0.484                | 1                         | 5.50                  | 16.40                     | 19.75                  | 0.094                | 30.00                     |
| P#1752.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.78                    | 27.08                  | 0.511                | 1                         | 5.50                  | 15.54                     | 18.89                  | 0.077                | 30.00                     |
| CA_4A-13A_LTE_10MHz+10MHz_Nss1,QPSK_1TX | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1715MHz,#782MHz_P_50@L+S_50@L         | Pass   | 5.30                 | 21.60                    | 26.90                  | 0.490                | 1                         | 5.50                  | 16.49                     | 19.84                  | 0.096                | 30.00                     |
| P#1715MHz,#782MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.75                    | 27.05                  | 0.507                | 1                         | 5.50                  | 15.71                     | 19.06                  | 0.081                | 30.00                     |
| P#1732.5MHz,#782MHz_P_50@L+S_50@L       | Pass   | 5.30                 | 21.54                    | 26.84                  | 0.483                | 1                         | 5.50                  | 16.43                     | 19.78                  | 0.095                | 30.00                     |
| P#1732.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.76                    | 27.06                  | 0.508                | 1                         | 5.50                  | 15.47                     | 18.82                  | 0.076                | 30.00                     |
| P#1750MHz,#782MHz_P_50@L+S_50@L         | Pass   | 5.30                 | 21.53                    | 26.83                  | 0.482                | 1                         | 5.50                  | 16.37                     | 19.72                  | 0.094                | 30.00                     |
| P#1750MHz,#782MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.83                    | 27.13                  | 0.516                | 1                         | 5.50                  | 15.79                     | 19.14                  | 0.082                | 30.00                     |
| CA_4A-13A_LTE_20MHz+10MHz_Nss1,QPSK_1TX | -      | -                    | -                        | -                      | -                    | -                         | -                     | -                         | -                      | -                    | -                         |
| P#1720MHz,#782MHz_P_100@L+S_50@L        | Pass   | 5.30                 | 21.73                    | 27.03                  | 0.505                | 1                         | 5.50                  | 16.46                     | 19.81                  | 0.096                | 30.00                     |
| P#1720MHz,#782MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.92                    | 27.22                  | 0.527                | 1                         | 5.50                  | 15.76                     | 19.11                  | 0.081                | 30.00                     |
| P#1732.5MHz,#782MHz_P_100@L+S_50@L      | Pass   | 5.30                 | 21.60                    | 26.90                  | 0.490                | 1                         | 5.50                  | 16.42                     | 19.77                  | 0.095                | 30.00                     |
| P#1732.5MHz,#782MHz_P_1@L+S_1@H         | Pass   | 5.30                 | 21.96                    | 27.26                  | 0.532                | 1                         | 5.50                  | 15.66                     | 19.01                  | 0.080                | 30.00                     |
| P#1745MHz,#782MHz_P_100@L+S_50@L        | Pass   | 5.30                 | 21.64                    | 26.94                  | 0.494                | 1                         | 5.50                  | 16.36                     | 19.71                  | 0.094                | 30.00                     |
| P#1745MHz,#782MHz_P_1@L+S_1@H           | Pass   | 5.30                 | 21.87                    | 27.17                  | 0.521                | 1                         | 5.50                  | 15.40                     | 18.75                  | 0.075                | 30.00                     |

**DG** = Directional Gain; **Port n** = Port n output power



Test Mode: Mode 29 / EUT 2 + Set 3 (5A) / Set 4 (66A) antenna (CA\_5A\_66A)

**Summary**

| Mode                          | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-------------------------------|----------------|--------------|---------------|-------------|
| CA_5A_66A                     | -              | -            | -             | -           |
| LTE_5MHz+5MHz_Nss1,QPSK_2TX   | 21.69          | 0.148        | 25.69         | 0.371       |
| LTE_5MHz+10MHz_Nss1,QPSK_2TX  | 21.69          | 0.148        | 25.69         | 0.371       |
| LTE_5MHz+15MHz_Nss1,QPSK_2TX  | 21.72          | 0.149        | 25.72         | 0.373       |
| LTE_10MHz+5MHz_Nss1,QPSK_2TX  | 21.68          | 0.147        | 25.68         | 0.370       |
| LTE_10MHz+10MHz_Nss1,QPSK_2TX | 21.80          | 0.151        | 25.80         | 0.380       |
| LTE_10MHz+20MHz_Nss1,QPSK_2TX | 21.71          | 0.148        | 25.71         | 0.372       |



Test Mode: Mode 29 / EUT 2 + Set 3 (5A) / Set 4 (66A) antenna (CA\_5A\_66A)

**Result**

| Mode                                    | Result | Band5<br>DG<br>(dBi) | Band5<br>Port 1<br>(dBm) | Band5<br>ERP<br>(dBm) | Band5<br>ERP<br>(W) | Band5<br>ERP Lim.<br>(W) | Band66<br>DG<br>(dBi) | Band66<br>Port 1<br>(dBm) | Band66<br>EIRP<br>(dBm) | Band66<br>EIRP<br>(W) | Band66<br>EIRP Lim.<br>(W) |
|-----------------------------------------|--------|----------------------|--------------------------|-----------------------|---------------------|--------------------------|-----------------------|---------------------------|-------------------------|-----------------------|----------------------------|
| CA_5A_66A_LTE_5MHz+5MHz_Nss1,QPSK_2TX   | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#826.5MHz,#1712.5MHz_P_25@L+S_25@L     | Pass   | 4.00                 | 21.26                    | 23.11                 | 0.205               | 7.00                     | 7.90                  | 16.54                     | 24.44                   | 0.278                 | 1                          |
| P#826.5MHz,#1712.5MHz_P_1@L+S_1@H       | Pass   | 4.00                 | 21.35                    | 23.20                 | 0.209               | 7.00                     | 7.90                  | 15.86                     | 23.76                   | 0.238                 | 1                          |
| P#836.5MHz,#1745MHz_P_25@L+S_25@L       | Pass   | 4.00                 | 21.47                    | 23.32                 | 0.215               | 7.00                     | 7.90                  | 16.42                     | 24.32                   | 0.270                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.65                    | 23.50                 | 0.224               | 7.00                     | 7.90                  | 15.47                     | 23.37                   | 0.217                 | 1                          |
| P#846.5MHz,#1777.5MHz_P_25@L+S_25@L     | Pass   | 4.00                 | 21.49                    | 23.34                 | 0.216               | 7.00                     | 7.90                  | 16.27                     | 24.17                   | 0.261                 | 1                          |
| P#846.5MHz,#1777.5MHz_P_1@L+S_1@H       | Pass   | 4.00                 | 21.69                    | 23.54                 | 0.226               | 7.00                     | 7.90                  | 15.74                     | 23.64                   | 0.231                 | 1                          |
| CA_5A_66A_LTE_5MHz+10MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#826.5MHz,#1715MHz_P_25@L+S_50@L       | Pass   | 4.00                 | 21.32                    | 23.17                 | 0.207               | 7.00                     | 7.90                  | 16.63                     | 24.53                   | 0.284                 | 1                          |
| P#826.5MHz,#1715MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.45                    | 23.30                 | 0.214               | 7.00                     | 7.90                  | 15.58                     | 23.48                   | 0.223                 | 1                          |
| P#836.5MHz,#1745MHz_P_25@L+S_50@L       | Pass   | 4.00                 | 21.46                    | 23.31                 | 0.214               | 7.00                     | 7.90                  | 16.52                     | 24.42                   | 0.277                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.64                    | 23.49                 | 0.223               | 7.00                     | 7.90                  | 15.55                     | 23.45                   | 0.221                 | 1                          |
| P#846.5MHz,#1775MHz_P_25@L+S_50@L       | Pass   | 4.00                 | 21.48                    | 23.33                 | 0.215               | 7.00                     | 7.90                  | 16.31                     | 24.21                   | 0.264                 | 1                          |
| P#846.5MHz,#1775MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.69                    | 23.54                 | 0.226               | 7.00                     | 7.90                  | 15.80                     | 23.70                   | 0.234                 | 1                          |
| CA_5A_66A_LTE_5MHz+15MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#826.5MHz,#1717.5MHz_P_25@L+S_75@L     | Pass   | 4.00                 | 21.31                    | 23.16                 | 0.207               | 7.00                     | 7.90                  | 16.71                     | 24.61                   | 0.289                 | 1                          |
| P#826.5MHz,#1717.5MHz_P_1@L+S_1@H       | Pass   | 4.00                 | 21.44                    | 23.29                 | 0.213               | 7.00                     | 7.90                  | 15.93                     | 23.83                   | 0.242                 | 1                          |
| P#836.5MHz,#1745MHz_P_25@L+S_75@L       | Pass   | 4.00                 | 21.48                    | 23.33                 | 0.215               | 7.00                     | 7.90                  | 16.53                     | 24.43                   | 0.277                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.70                    | 23.55                 | 0.226               | 7.00                     | 7.90                  | 15.70                     | 23.60                   | 0.229                 | 1                          |
| P#846.5MHz,#1772.5MHz_P_25@L+S_75@L     | Pass   | 4.00                 | 21.51                    | 23.36                 | 0.217               | 7.00                     | 7.90                  | 16.41                     | 24.31                   | 0.270                 | 1                          |
| P#846.5MHz,#1772.5MHz_P_1@L+S_1@H       | Pass   | 4.00                 | 21.72                    | 23.57                 | 0.228               | 7.00                     | 7.90                  | 15.72                     | 23.62                   | 0.230                 | 1                          |
| CA_5A_66A_LTE_10MHz+5MHz_Nss1,QPSK_2TX  | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#829MHz,#1712.5MHz_P_50@L+S_25@L       | Pass   | 4.00                 | 21.45                    | 23.30                 | 0.214               | 7.00                     | 7.90                  | 16.65                     | 24.55                   | 0.285                 | 1                          |
| P#829MHz,#1712.5MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.43                    | 23.28                 | 0.213               | 7.00                     | 7.90                  | 16.09                     | 23.99                   | 0.251                 | 1                          |
| P#836.5MHz,#1745MHz_P_50@L+S_25@L       | Pass   | 4.00                 | 21.48                    | 23.33                 | 0.215               | 7.00                     | 7.90                  | 16.46                     | 24.36                   | 0.273                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.59                    | 23.44                 | 0.221               | 7.00                     | 7.90                  | 15.65                     | 23.55                   | 0.226                 | 1                          |
| P#844MHz,#1777.5MHz_P_50@L+S_25@L       | Pass   | 4.00                 | 21.50                    | 23.35                 | 0.216               | 7.00                     | 7.90                  | 16.30                     | 24.20                   | 0.263                 | 1                          |
| P#844MHz,#1777.5MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.68                    | 23.53                 | 0.225               | 7.00                     | 7.90                  | 15.68                     | 23.58                   | 0.228                 | 1                          |
| CA_5A_66A_LTE_10MHz+10MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#829MHz,#1715MHz_P_50@L+S_50@L         | Pass   | 4.00                 | 21.41                    | 23.26                 | 0.212               | 7.00                     | 7.90                  | 16.59                     | 24.49                   | 0.281                 | 1                          |
| P#829MHz,#1715MHz_P_1@L+S_1@H           | Pass   | 4.00                 | 21.55                    | 23.40                 | 0.219               | 7.00                     | 7.90                  | 15.84                     | 23.74                   | 0.237                 | 1                          |
| P#836.5MHz,#1745MHz_P_50@L+S_50@L       | Pass   | 4.00                 | 21.41                    | 23.26                 | 0.212               | 7.00                     | 7.90                  | 16.48                     | 24.38                   | 0.274                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.56                    | 23.41                 | 0.219               | 7.00                     | 7.90                  | 15.57                     | 23.47                   | 0.222                 | 1                          |
| P#844MHz,#1775MHz_P_50@L+S_50@L         | Pass   | 4.00                 | 21.51                    | 23.36                 | 0.217               | 7.00                     | 7.90                  | 16.38                     | 24.28                   | 0.268                 | 1                          |
| P#844MHz,#1775MHz_P_1@L+S_1@H           | Pass   | 4.00                 | 21.80                    | 23.65                 | 0.232               | 7.00                     | 7.90                  | 15.92                     | 23.82                   | 0.241                 | 1                          |
| CA_5A_66A_LTE_10MHz+20MHz_Nss1,QPSK_2TX | -      | -                    | -                        | -                     | -                   | -                        | -                     | -                         | -                       | -                     | -                          |
| P#829MHz,#1720MHz_P_50@L+S_100@L        | Pass   | 4.00                 | 21.42                    | 23.27                 | 0.212               | 7.00                     | 7.90                  | 16.82                     | 24.72                   | 0.296                 | 1                          |
| P#829MHz,#1720MHz_P_1@L+S_1@H           | Pass   | 4.00                 | 21.27                    | 23.12                 | 0.205               | 7.00                     | 7.90                  | 15.55                     | 23.45                   | 0.221                 | 1                          |
| P#836.5MHz,#1745MHz_P_50@L+S_100@L      | Pass   | 4.00                 | 21.46                    | 23.31                 | 0.214               | 7.00                     | 7.90                  | 16.60                     | 24.50                   | 0.282                 | 1                          |
| P#836.5MHz,#1745MHz_P_1@L+S_1@H         | Pass   | 4.00                 | 21.63                    | 23.48                 | 0.223               | 7.00                     | 7.90                  | 15.75                     | 23.65                   | 0.232                 | 1                          |
| P#844MHz,#1770MHz_P_50@L+S_100@L        | Pass   | 4.00                 | 21.53                    | 23.38                 | 0.218               | 7.00                     | 7.90                  | 16.52                     | 24.42                   | 0.277                 | 1                          |
| P#844MHz,#1770MHz_P_1@L+S_1@H           | Pass   | 4.00                 | 21.71                    | 23.56                 | 0.227               | 7.00                     | 7.90                  | 15.70                     | 23.60                   | 0.229                 | 1                          |

DG = Directional Gain; Port n = Port n output power



## Peak to Average Power Ratio (PAPR)

## Appendix B.1

Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

### Summary

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 2              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1852.4        | 13.00         | 3.22 | 1    |





## Peak to Average Power Ratio (PAPR)

## Appendix B.1

Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

### Result

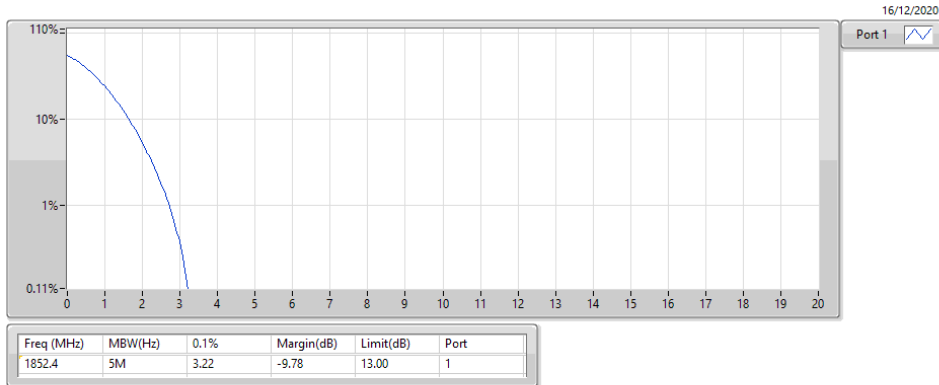
| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 1852.4MHz                  | Pass   | 1852.4        | 13.00         | 3.22 | 1    |
| 1880MHz                    | Pass   | 1880          | 13.00         | 3.16 | 1    |
| 1907.6MHz                  | Pass   | 1907.6        | 13.00         | 3.19 | 1    |

Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

Band 2\_WCDMA\_5MHz\_Nss1\_1TX

PAR

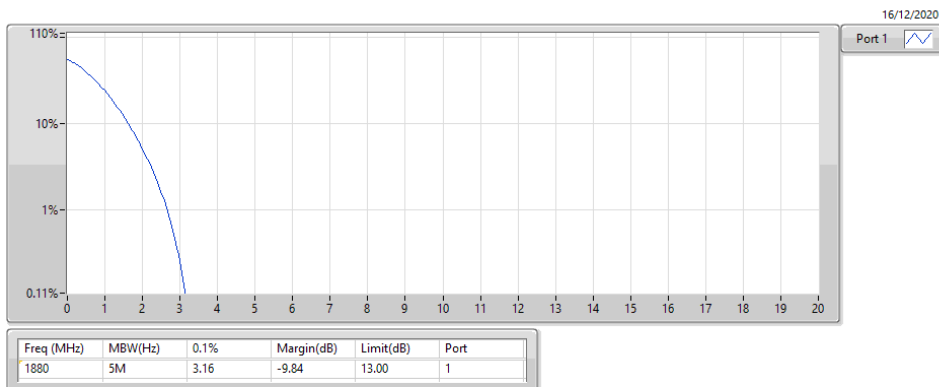
1852.4MHz



Band 2\_WCDMA\_5MHz\_Nss1\_1TX

PAR

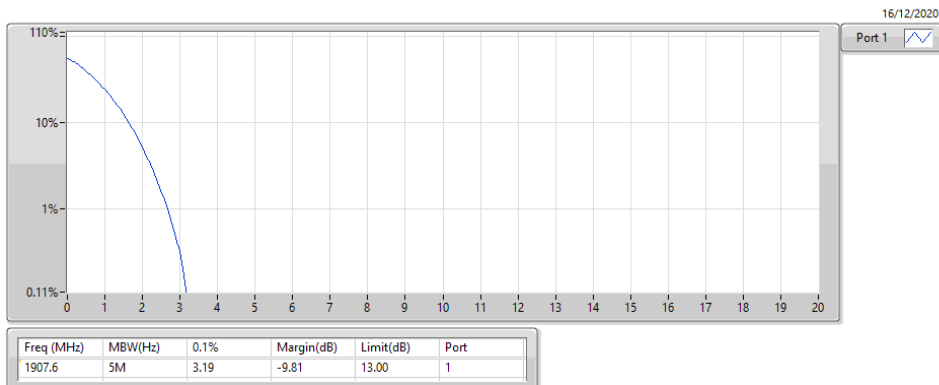
1880MHz



Band 2\_WCDMA\_5MHz\_Nss1\_1TX

PAR

1907.6MHz





## Peak to Average Power Ratio (PAPR)

## Appendix B.2

Test Mode: Mode 2 / EUT 2 + Set 3 antenna (WCDMA Band 4)

### Summary

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 4              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1712.4        | 13.00         | 3.36 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.2

Test Mode: Mode 2 / EUT 2 + Set 3 antenna (WCDMA Band 4)

### Result

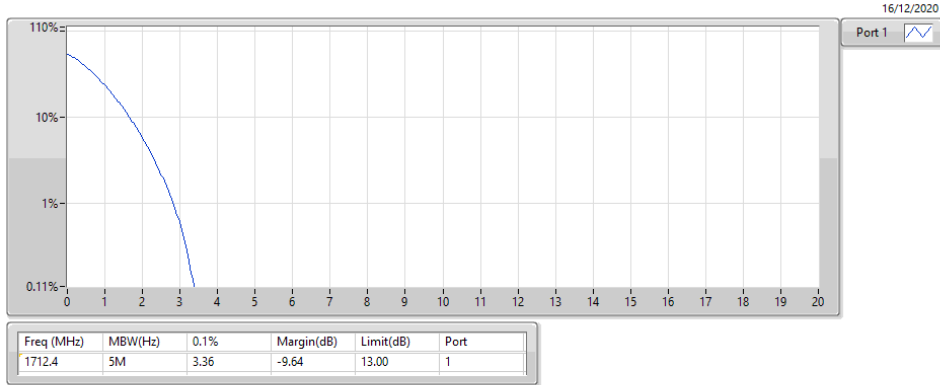
| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 4_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 1712.4MHz                  | Pass   | 1712.4        | 13.00         | 3.36 | 1    |
| 1732MHz                    | Pass   | 1732          | 13.00         | 3.22 | 1    |
| 1752.6MHz                  | Pass   | 1752.6        | 13.00         | 3.36 | 1    |

Test Mode: Mode 2 / EUT 2 + Set 3 antenna (WCDMA Band 4)

Band 4\_WCDMA\_5MHz\_Nss1\_1TX

PAR

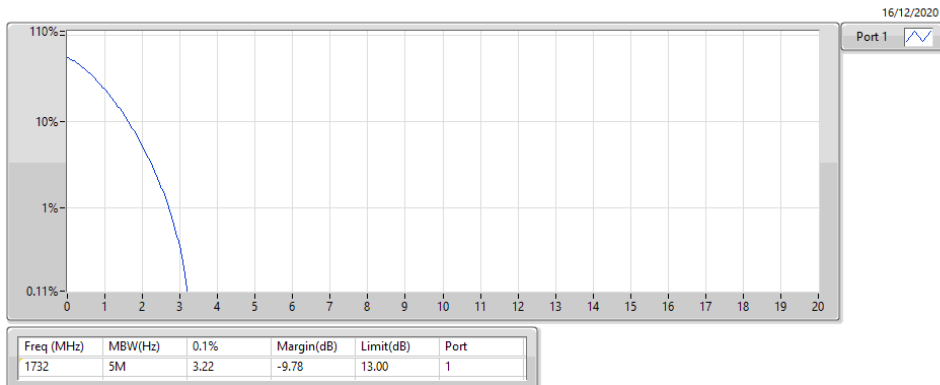
1712.4MHz



Band 4\_WCDMA\_5MHz\_Nss1\_1TX

PAR

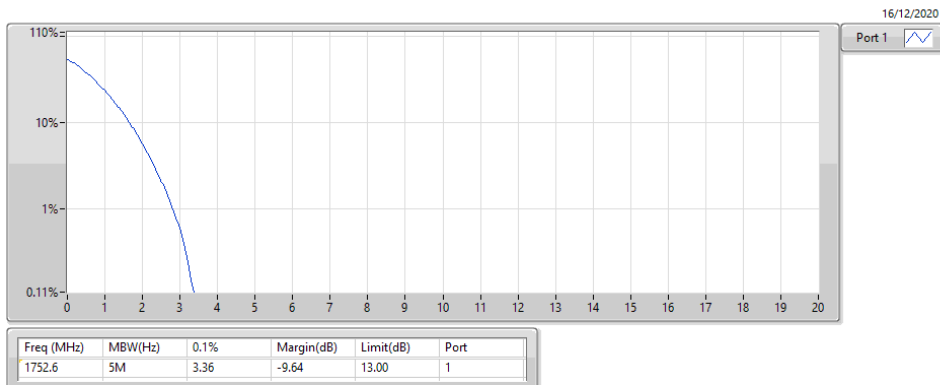
1732MHz



Band 4\_WCDMA\_5MHz\_Nss1\_1TX

PAR

1752.6MHz





## Peak to Average Power Ratio (PAPR)

## Appendix B.3

Test Mode: Mode 3 / EUT 2 + Set 3 antenna (WCDMA Band 5)

### Summary

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 5              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 826.4         | 13.00         | 3.25 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.3

Test Mode: Mode 3 / EUT 2 + Set 3 antenna (WCDMA Band 5)

### Result

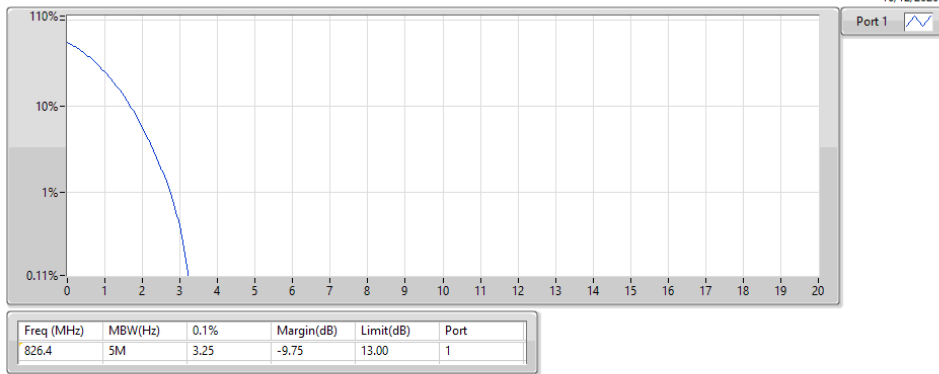
| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 5_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 826.4MHz                   | Pass   | 826.4         | 13.00         | 3.25 | 1    |
| 835MHz                     | Pass   | 835           | 13.00         | 3.22 | 1    |
| 846.6MHz                   | Pass   | 846.6         | 13.00         | 3.19 | 1    |

Test Mode: Mode 3 / EUT 2 + Set 3 antenna (WCDMA Band 5)

Band 5\_WCDMA\_5MHz\_Nss1\_1TX

PAR

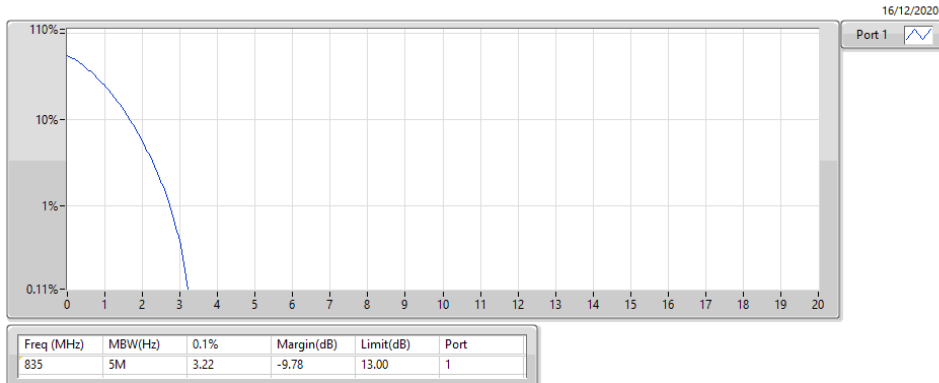
826.4MHz



Band 5\_WCDMA\_5MHz\_Nss1\_1TX

PAR

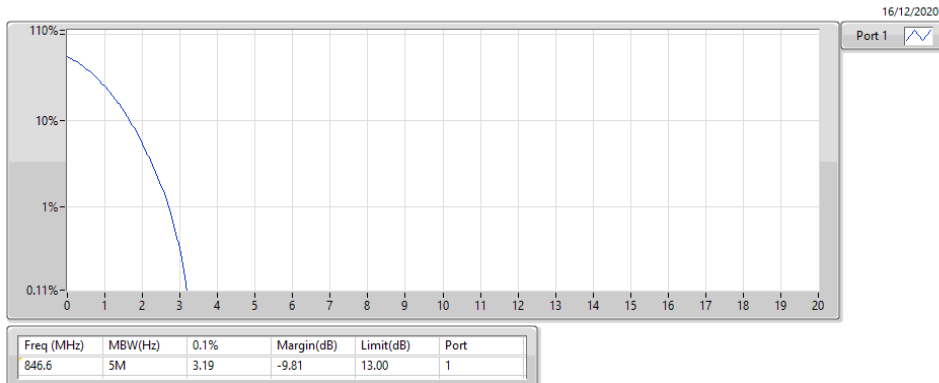
835MHz



Band 5\_WCDMA\_5MHz\_Nss1\_1TX

PAR

846.6MHz







## Peak to Average Power Ratio (PAPR)

## Appendix B.4

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 2                   | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 1900          | 13.00         | 3.88 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 1860          | 13.00         | 5.74 | 1    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 1860          | 13.00         | 5.77 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.4

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

### Result

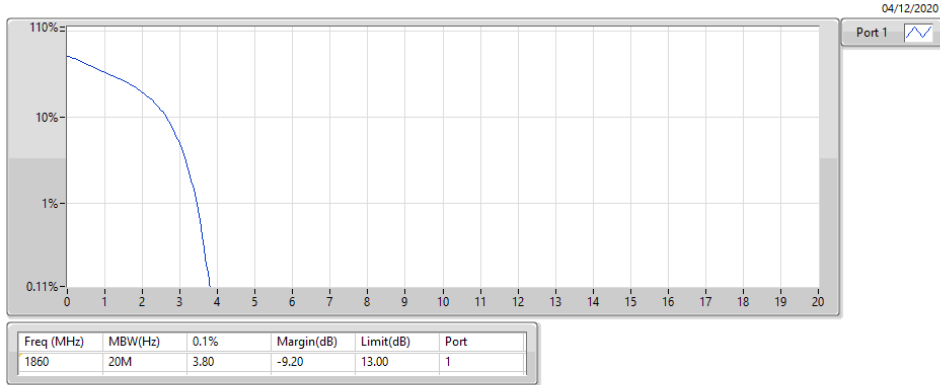
| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 2_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0            | Pass   | 1860          | 13.00         | 3.80 | 1    |
| 1860MHz_RB 1,#RB L              | Pass   | 1860          | 13.00         | 3.51 | 1    |
| 1860MHz_RB 1,#RB M              | Pass   | 1860          | 13.00         | 3.65 | 1    |
| 1860MHz_RB 1,#RB H              | Pass   | 1860          | 13.00         | 3.51 | 1    |
| 1880MHz_RB 100,#RB 0            | Pass   | 1880          | 13.00         | 3.74 | 1    |
| 1880MHz_RB 1,#RB L              | Pass   | 1880          | 13.00         | 3.45 | 1    |
| 1880MHz_RB 1,#RB M              | Pass   | 1880          | 13.00         | 3.51 | 1    |
| 1880MHz_RB 1,#RB H              | Pass   | 1880          | 13.00         | 3.48 | 1    |
| 1900MHz_RB 100,#RB 0            | Pass   | 1900          | 13.00         | 3.88 | 1    |
| 1900MHz_RB 1,#RB L              | Pass   | 1900          | 13.00         | 3.51 | 1    |
| 1900MHz_RB 1,#RB M              | Pass   | 1900          | 13.00         | 3.59 | 1    |
| 1900MHz_RB 1,#RB H              | Pass   | 1900          | 13.00         | 3.48 | 1    |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0            | Pass   | 1860          | 13.00         | 5.74 | 1    |
| 1860MHz_RB 1,#RB L              | Pass   | 1860          | 13.00         | 5.28 | 1    |
| 1860MHz_RB 1,#RB M              | Pass   | 1860          | 13.00         | 4.61 | 1    |
| 1860MHz_RB 1,#RB H              | Pass   | 1860          | 13.00         | 5.42 | 1    |
| 1880MHz_RB 100,#RB 0            | Pass   | 1880          | 13.00         | 5.65 | 1    |
| 1880MHz_RB 1,#RB L              | Pass   | 1880          | 13.00         | 4.84 | 1    |
| 1880MHz_RB 1,#RB M              | Pass   | 1880          | 13.00         | 5.33 | 1    |
| 1880MHz_RB 1,#RB H              | Pass   | 1880          | 13.00         | 4.78 | 1    |
| 1900MHz_RB 100,#RB 0            | Pass   | 1900          | 13.00         | 5.74 | 1    |
| 1900MHz_RB 1,#RB L              | Pass   | 1900          | 13.00         | 4.49 | 1    |
| 1900MHz_RB 1,#RB M              | Pass   | 1900          | 13.00         | 5.51 | 1    |
| 1900MHz_RB 1,#RB H              | Pass   | 1900          | 13.00         | 5.33 | 1    |
| Band 2_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0            | Pass   | 1860          | 13.00         | 5.77 | 1    |
| 1860MHz_RB 1,#RB L              | Pass   | 1860          | 13.00         | 5.51 | 1    |
| 1860MHz_RB 1,#RB M              | Pass   | 1860          | 13.00         | 5.33 | 1    |
| 1860MHz_RB 1,#RB H              | Pass   | 1860          | 13.00         | 5.59 | 1    |
| 1880MHz_RB 100,#RB 0            | Pass   | 1880          | 13.00         | 5.59 | 1    |
| 1880MHz_RB 1,#RB L              | Pass   | 1880          | 13.00         | 4.64 | 1    |
| 1880MHz_RB 1,#RB M              | Pass   | 1880          | 13.00         | 5.28 | 1    |
| 1880MHz_RB 1,#RB H              | Pass   | 1880          | 13.00         | 4.49 | 1    |
| 1900MHz_RB 100,#RB 0            | Pass   | 1900          | 13.00         | 5.77 | 1    |
| 1900MHz_RB 1,#RB L              | Pass   | 1900          | 13.00         | 4.43 | 1    |
| 1900MHz_RB 1,#RB M              | Pass   | 1900          | 13.00         | 5.36 | 1    |
| 1900MHz_RB 1,#RB H              | Pass   | 1900          | 13.00         | 5.42 | 1    |

Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

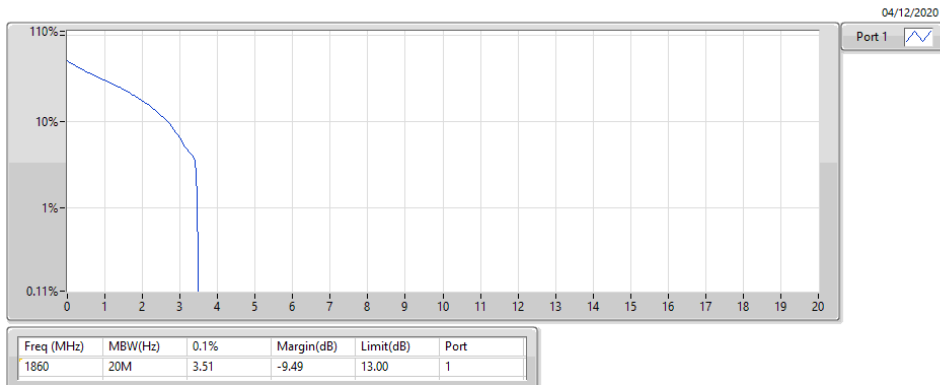
**1860MHz\_QPSK\_RB 100,#RB 0**



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

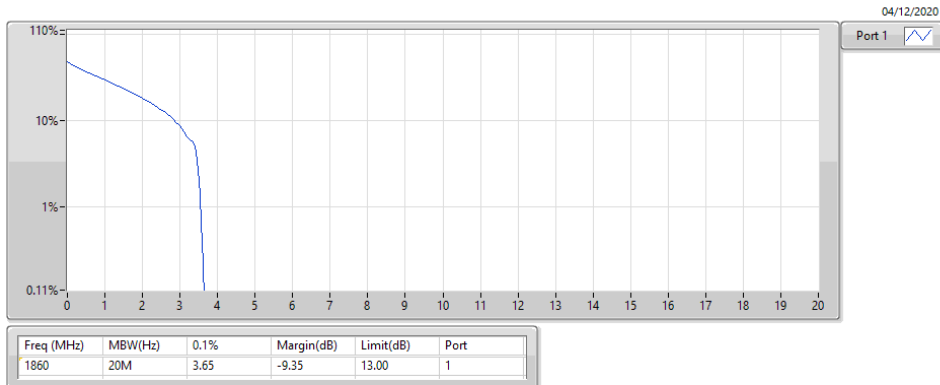
**1860MHz\_QPSK\_RB 1,#RB L**



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

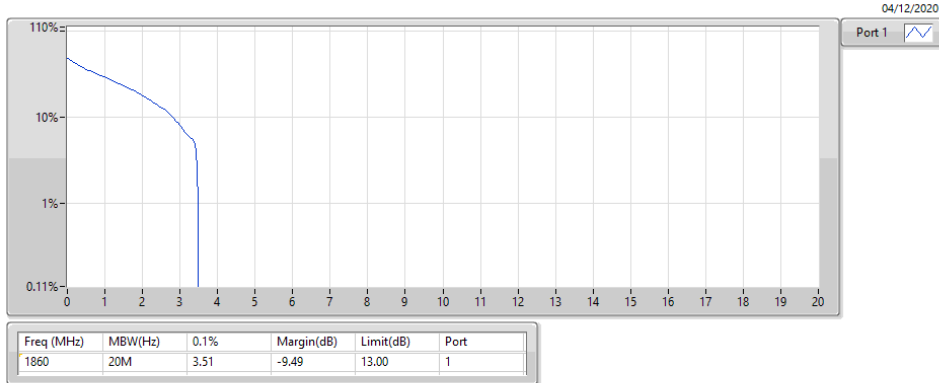
**1860MHz\_QPSK\_RB 1,#RB M**



Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

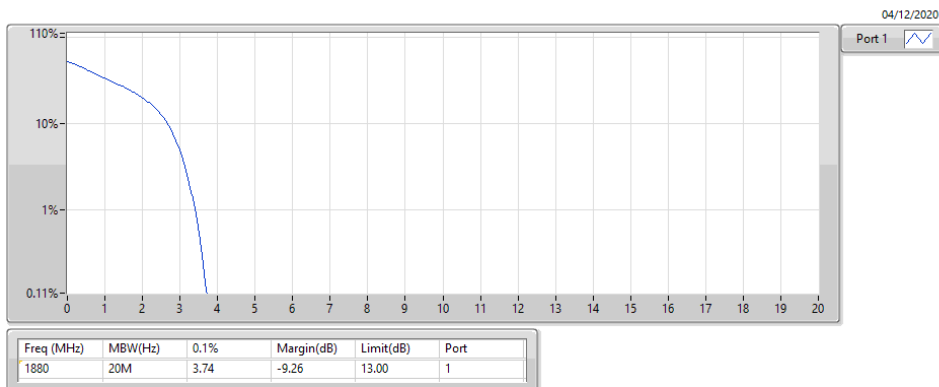
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1860MHz\_QPSK\_RB 1,#RB H**

PAR



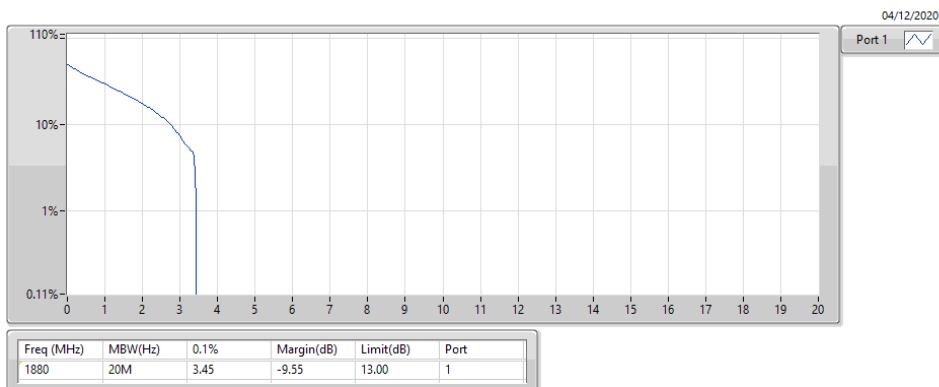
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 100,#RB 0**

PAR



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB L**

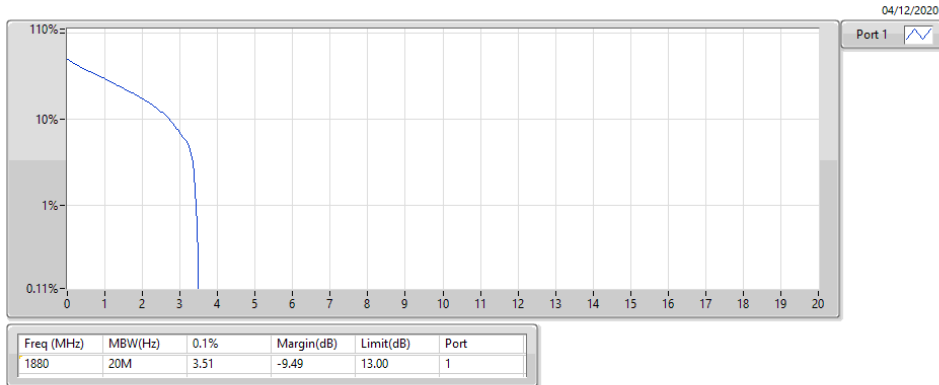
PAR



Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

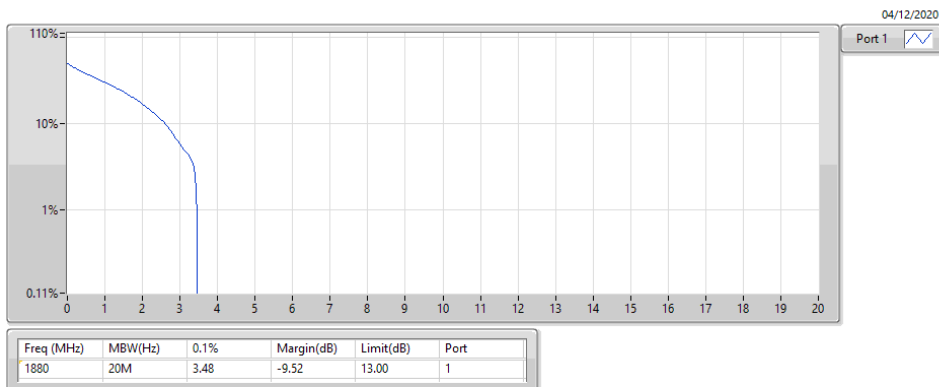
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



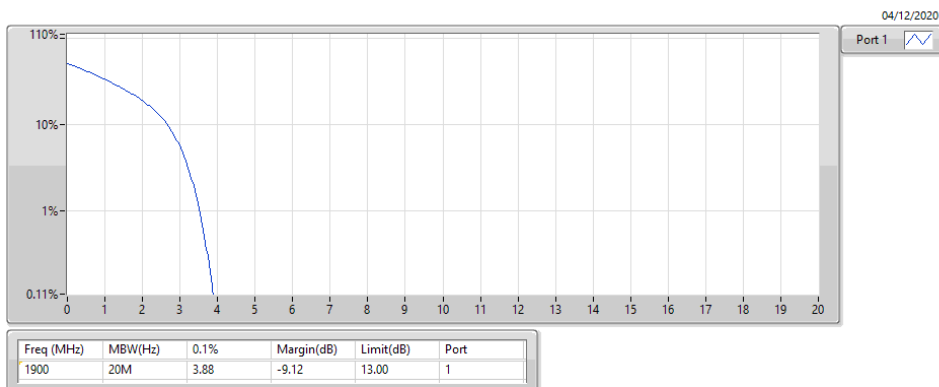
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB H**

PAR



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1900MHz\_QPSK\_RB 100,#RB 0**

PAR

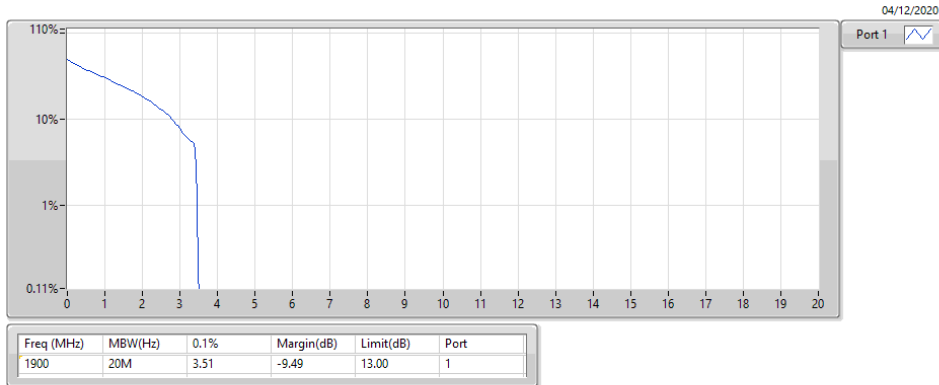


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

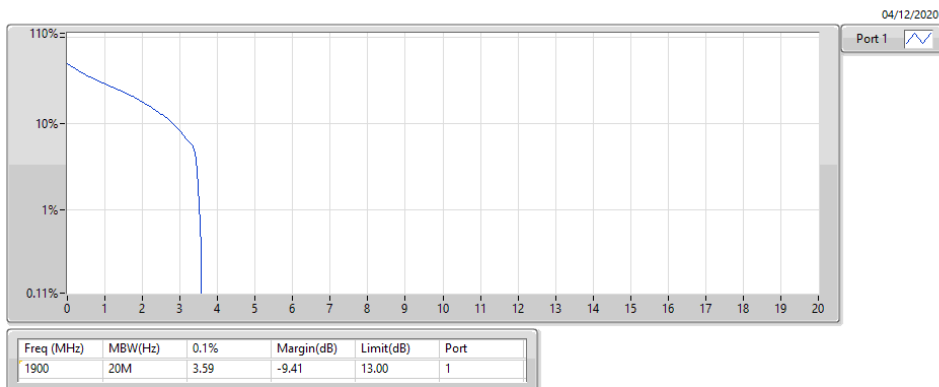
**1900MHz\_QPSK\_RB 1,#RB L**



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

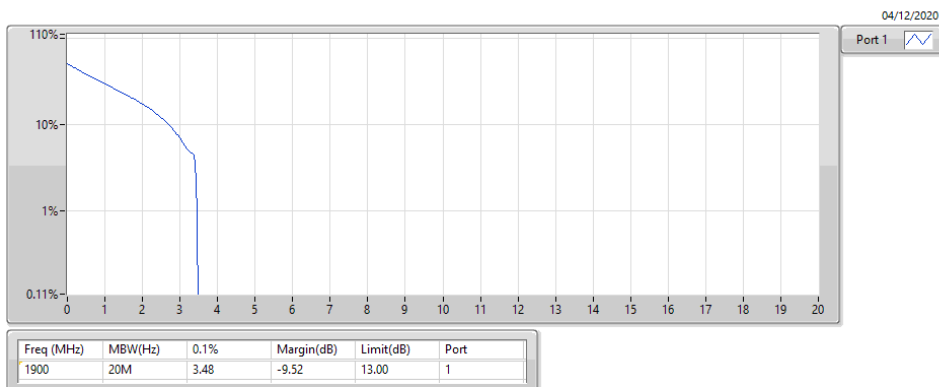
**1900MHz\_QPSK\_RB 1,#RB M**



**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

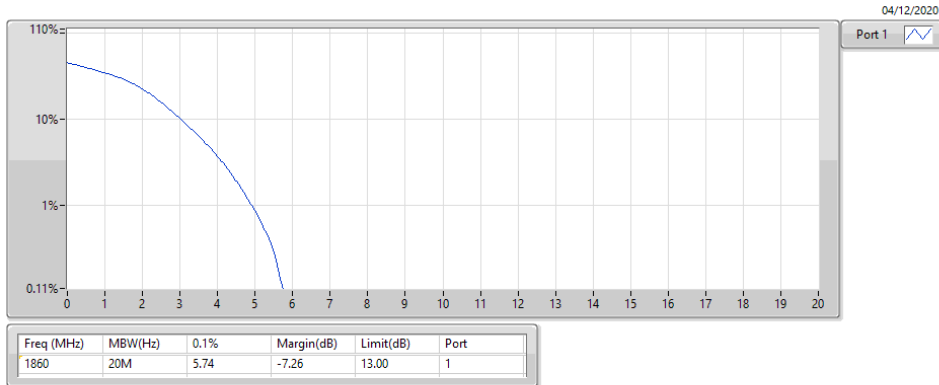
**1900MHz\_QPSK\_RB 1,#RB H**



Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

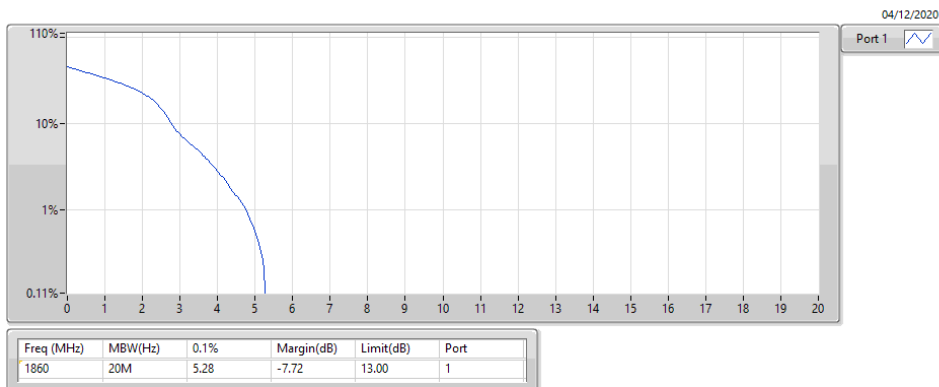
**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1860MHz\_16QAM\_RB 100,#RB 0**

PAR



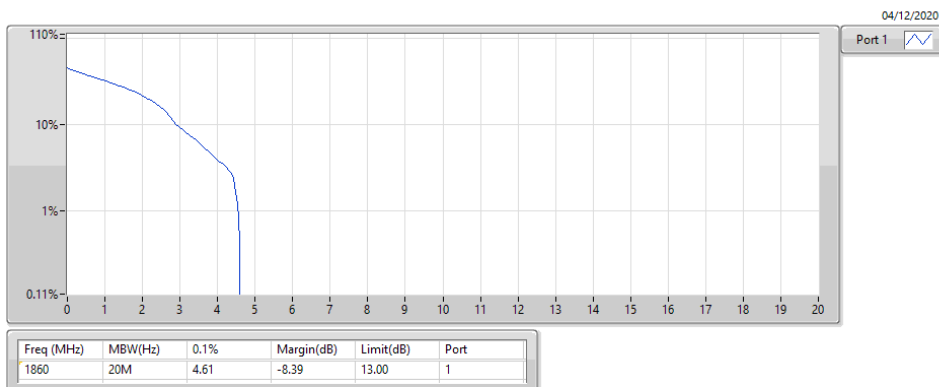
**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1860MHz\_16QAM\_RB 1,#RB L**

PAR



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1860MHz\_16QAM\_RB 1,#RB M**

PAR

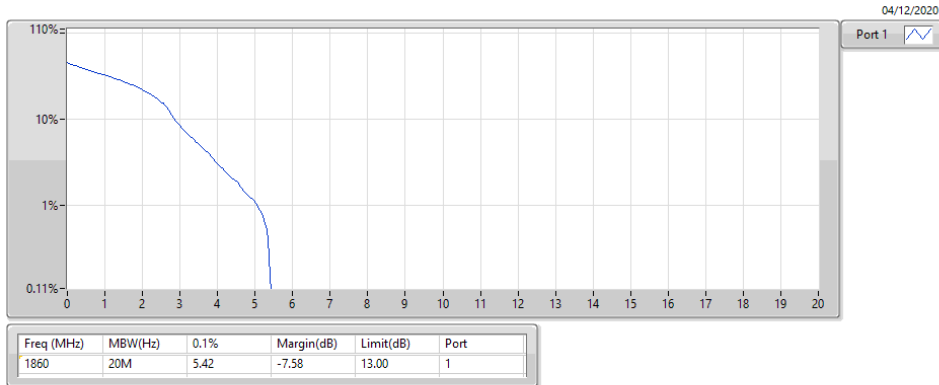


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

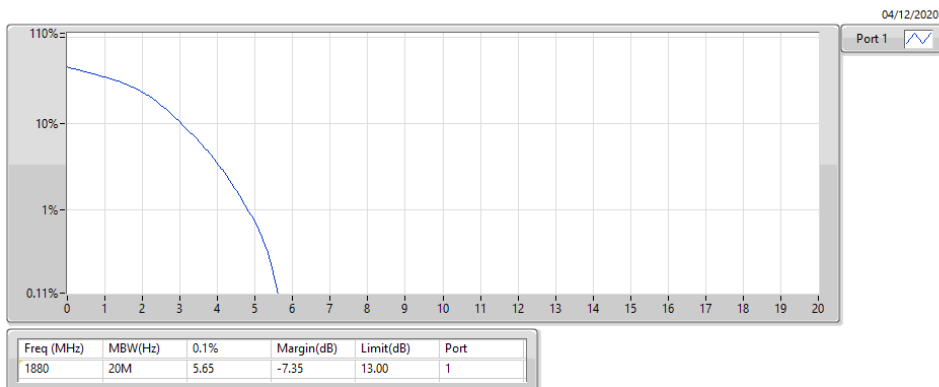
**1860MHz\_16QAM\_RB 1,#RB H**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

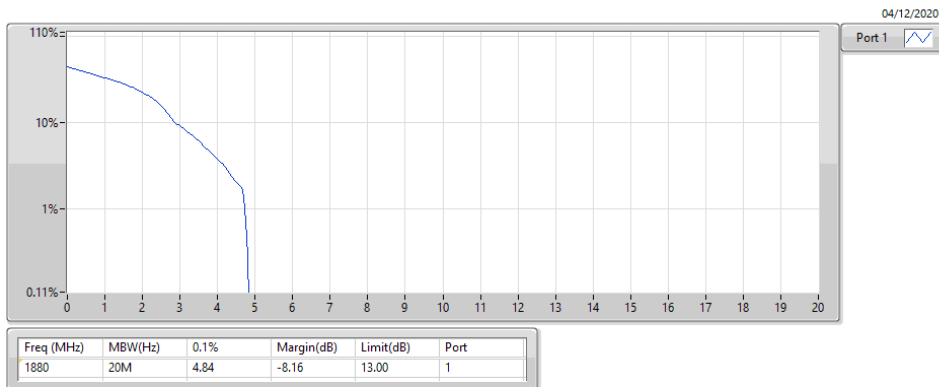
**1880MHz\_16QAM\_RB 100,#RB 0**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1880MHz\_16QAM\_RB 1,#RB L**



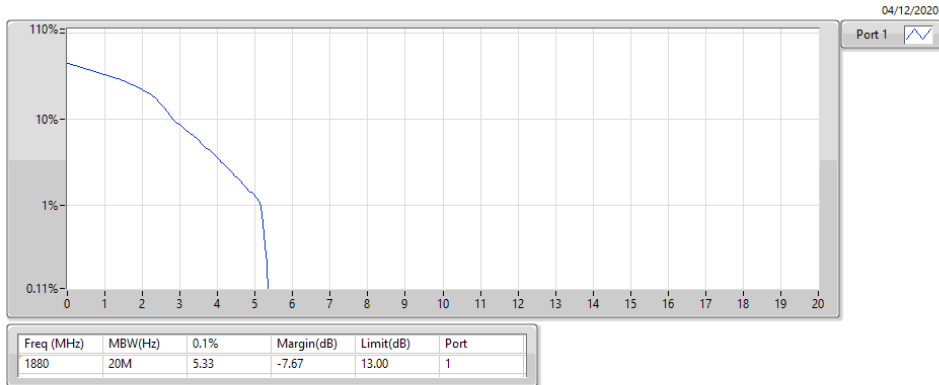


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

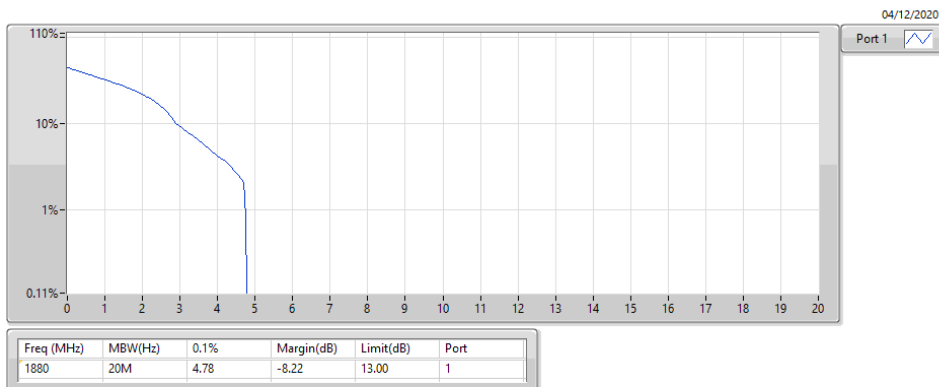
**1880MHz\_16QAM\_RB 1,#RB M**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

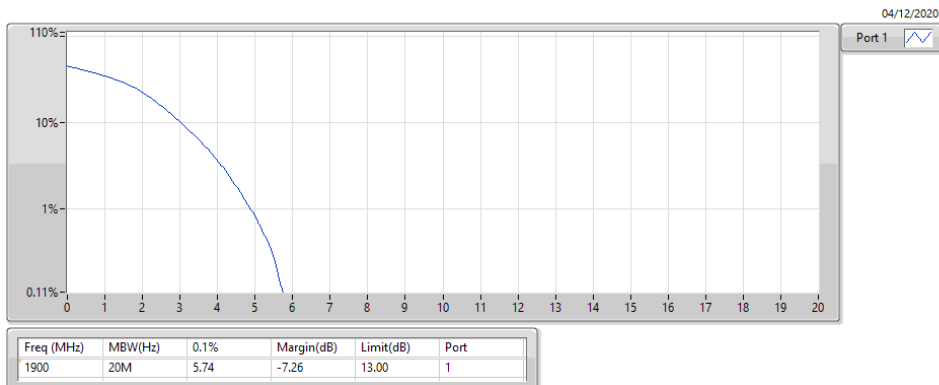
**1880MHz\_16QAM\_RB 1,#RB H**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1900MHz\_16QAM\_RB 100,#RB 0**

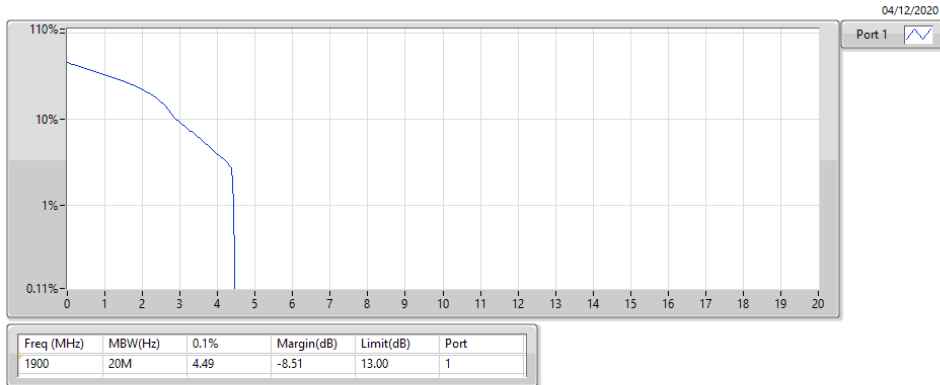


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

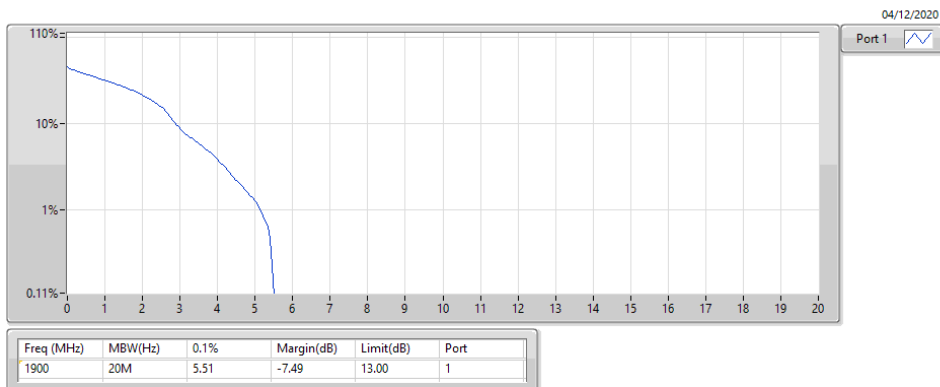
**1900MHz\_16QAM\_RB 1,#RB L**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

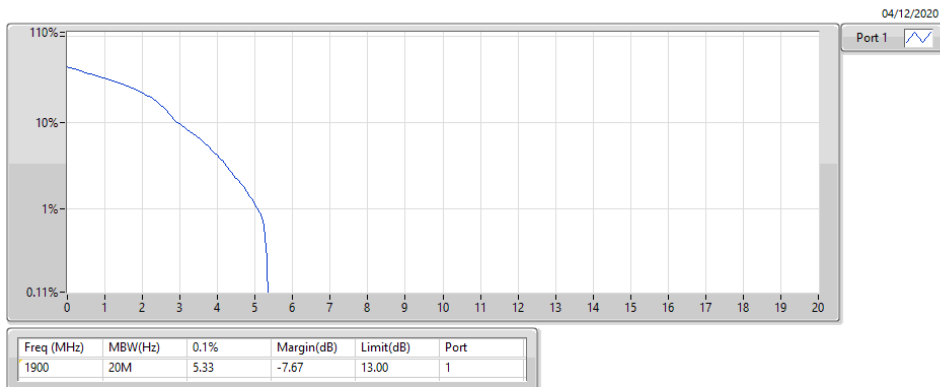
**1900MHz\_16QAM\_RB 1,#RB M**



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1900MHz\_16QAM\_RB 1,#RB H**

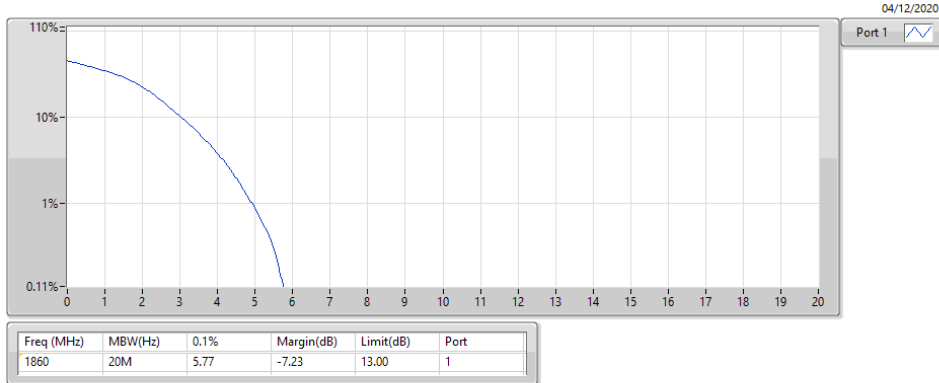


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

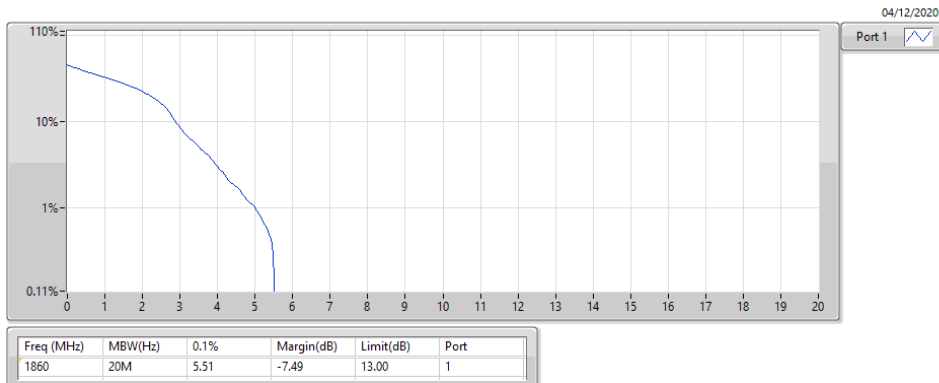
**1860MHz\_64QAM\_RB 100,#RB 0**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

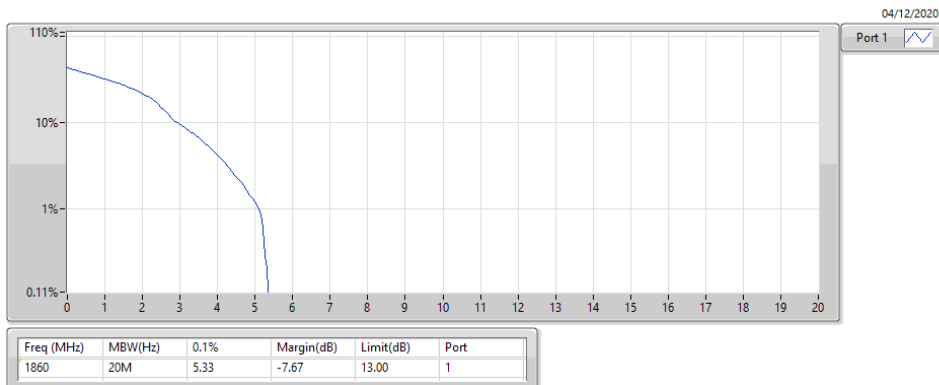
**1860MHz\_64QAM\_RB 1,#RB L**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1860MHz\_64QAM\_RB 1,#RB M**

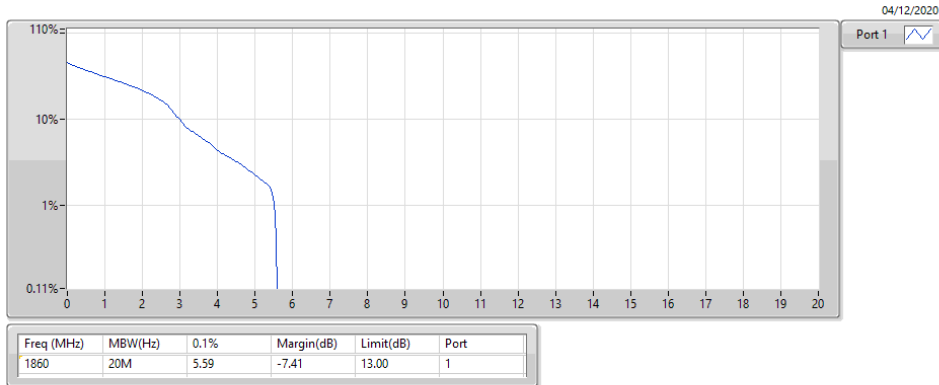


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

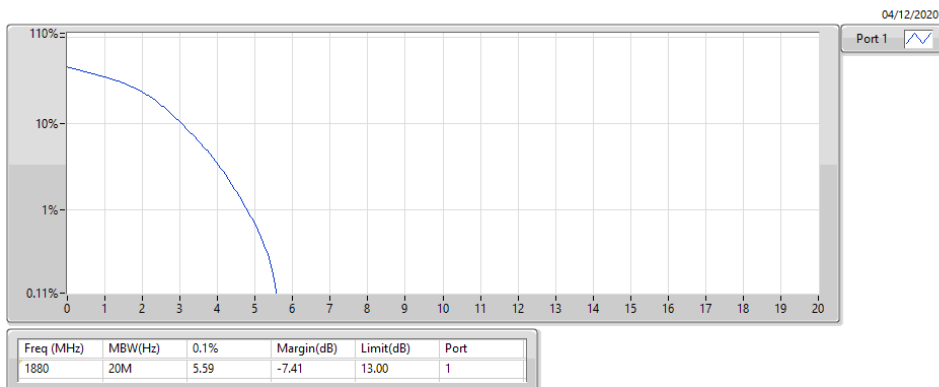
**1860MHz\_64QAM\_RB 1,#RB H**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

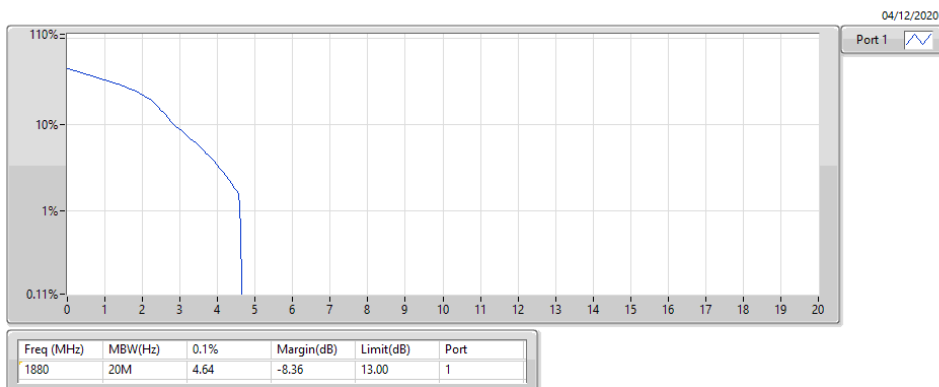
**1880MHz\_64QAM\_RB 100,#RB 0**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1880MHz\_64QAM\_RB 1,#RB L**

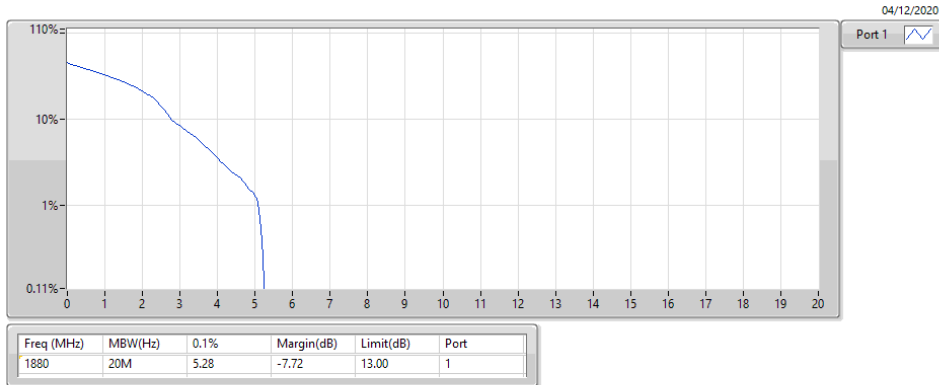


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

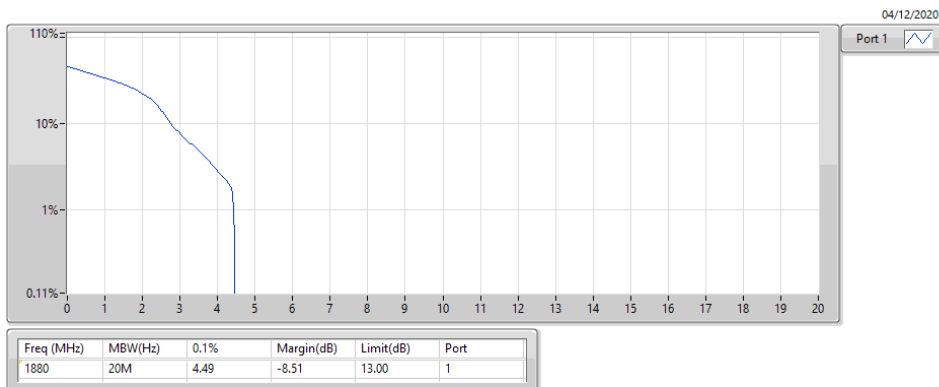
**1880MHz\_64QAM\_RB 1,#RB M**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

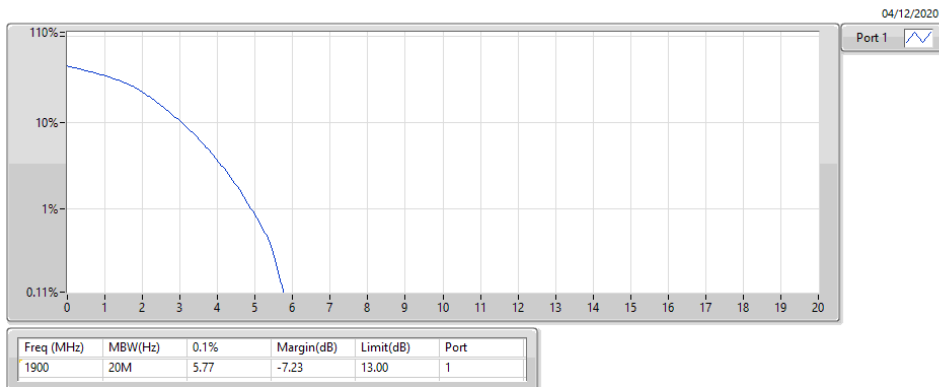
**1880MHz\_64QAM\_RB 1,#RB H**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1900MHz\_64QAM\_RB 100,#RB 0**

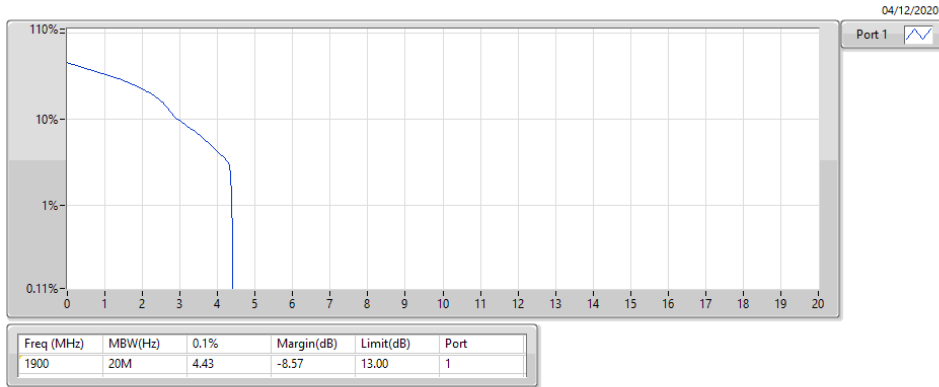


Test Mode: Mode 4 / EUT 2 + Set 3 antenna (LTE Band 2)

**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

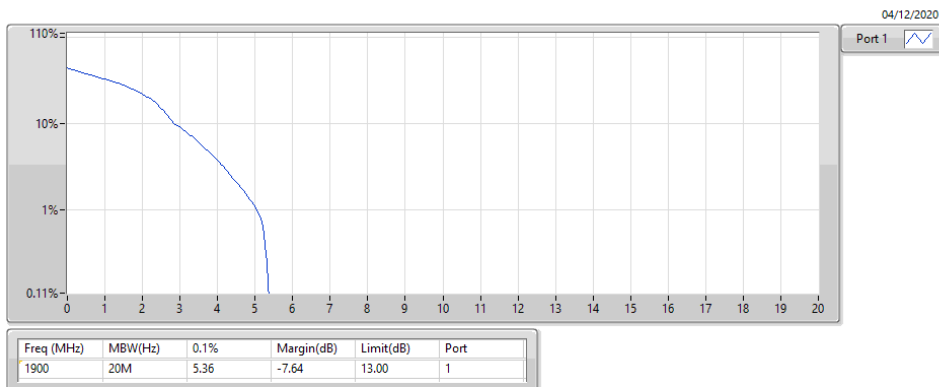
**1900MHz\_64QAM\_RB 1,#RB L**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

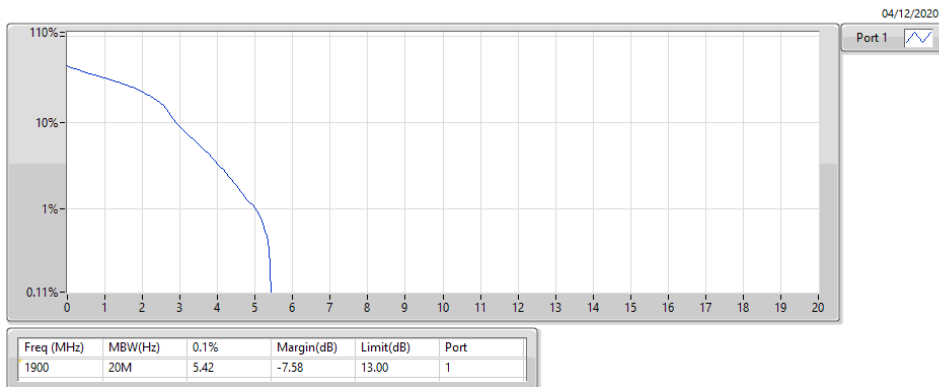
**1900MHz\_64QAM\_RB 1,#RB M**



**Band 2\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1900MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.5

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 4                   | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 1720          | 13.00         | 3.83 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 1732.5        | 13.00         | 5.74 | 1    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 1732.5        | 13.00         | 6.81 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.5

Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

### Result

| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 4_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0            | Pass   | 1720          | 13.00         | 3.83 | 1    |
| 1720MHz_RB 1,#RB L              | Pass   | 1720          | 13.00         | 3.54 | 1    |
| 1720MHz_RB 1,#RB M              | Pass   | 1720          | 13.00         | 3.77 | 1    |
| 1720MHz_RB 1,#RB H              | Pass   | 1720          | 13.00         | 3.45 | 1    |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 1732.5        | 13.00         | 3.74 | 1    |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1732.5        | 13.00         | 3.62 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 3.54 | 1    |
| 1732.5MHz_RB 1,#RB H            | Pass   | 1732.5        | 13.00         | 3.51 | 1    |
| 1745MHz_RB 100,#RB 0            | Pass   | 1745          | 13.00         | 3.77 | 1    |
| 1745MHz_RB 1,#RB L              | Pass   | 1745          | 13.00         | 3.54 | 1    |
| 1745MHz_RB 1,#RB M              | Pass   | 1745          | 13.00         | 3.54 | 1    |
| 1745MHz_RB 1,#RB H              | Pass   | 1745          | 13.00         | 3.48 | 1    |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0            | Pass   | 1720          | 13.00         | 5.71 | 1    |
| 1720MHz_RB 1,#RB L              | Pass   | 1720          | 13.00         | 5.01 | 1    |
| 1720MHz_RB 1,#RB M              | Pass   | 1720          | 13.00         | 4.32 | 1    |
| 1720MHz_RB 1,#RB H              | Pass   | 1720          | 13.00         | 4.41 | 1    |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 1732.5        | 13.00         | 5.74 | 1    |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1732.5        | 13.00         | 5.51 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 5.51 | 1    |
| 1732.5MHz_RB 1,#RB H            | Pass   | 1732.5        | 13.00         | 5.28 | 1    |
| 1745MHz_RB 100,#RB 0            | Pass   | 1745          | 13.00         | 5.62 | 1    |
| 1745MHz_RB 1,#RB L              | Pass   | 1745          | 13.00         | 5.57 | 1    |
| 1745MHz_RB 1,#RB M              | Pass   | 1745          | 13.00         | 5.04 | 1    |
| 1745MHz_RB 1,#RB H              | Pass   | 1745          | 13.00         | 5.59 | 1    |
| Band 4_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0            | Pass   | 1720          | 13.00         | 6.29 | 1    |
| 1720MHz_RB 1,#RB L              | Pass   | 1720          | 13.00         | 6.20 | 1    |
| 1720MHz_RB 1,#RB M              | Pass   | 1720          | 13.00         | 6.52 | 1    |
| 1720MHz_RB 1,#RB H              | Pass   | 1720          | 13.00         | 5.54 | 1    |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 1732.5        | 13.00         | 6.32 | 1    |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1732.5        | 13.00         | 6.70 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 6.81 | 1    |
| 1732.5MHz_RB 1,#RB H            | Pass   | 1732.5        | 13.00         | 6.35 | 1    |
| 1745MHz_RB 100,#RB 0            | Pass   | 1745          | 13.00         | 6.23 | 1    |
| 1745MHz_RB 1,#RB L              | Pass   | 1745          | 13.00         | 6.61 | 1    |
| 1745MHz_RB 1,#RB M              | Pass   | 1745          | 13.00         | 6.46 | 1    |
| 1745MHz_RB 1,#RB H              | Pass   | 1745          | 13.00         | 6.41 | 1    |

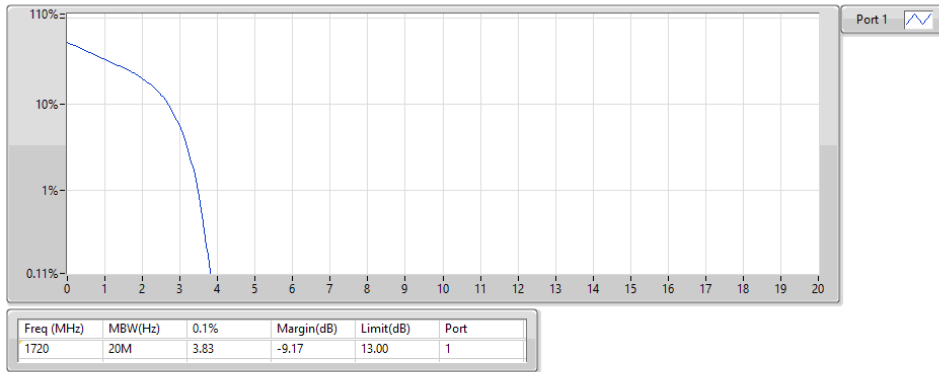


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

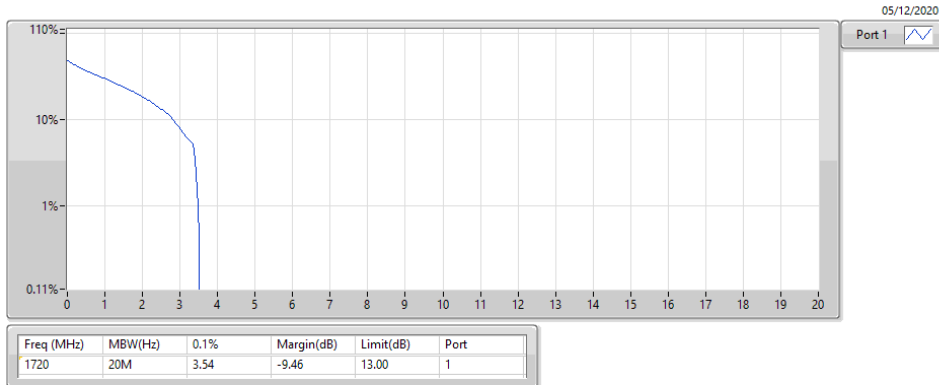
**1720MHz\_QPSK\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

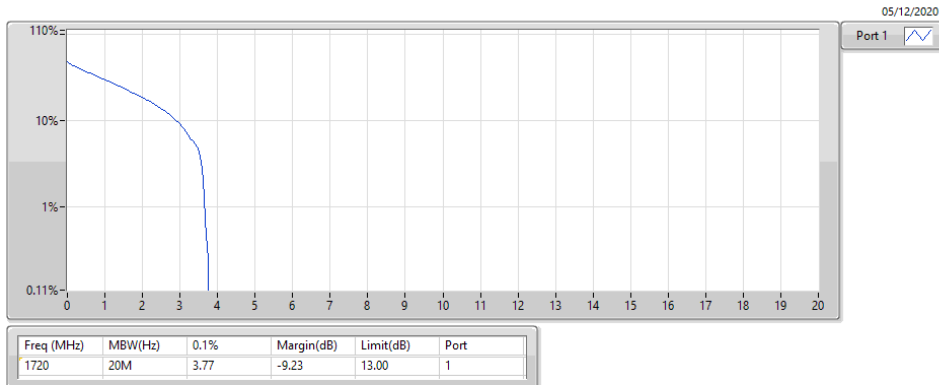
**1720MHz\_QPSK\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1720MHz\_QPSK\_RB 1,#RB M**

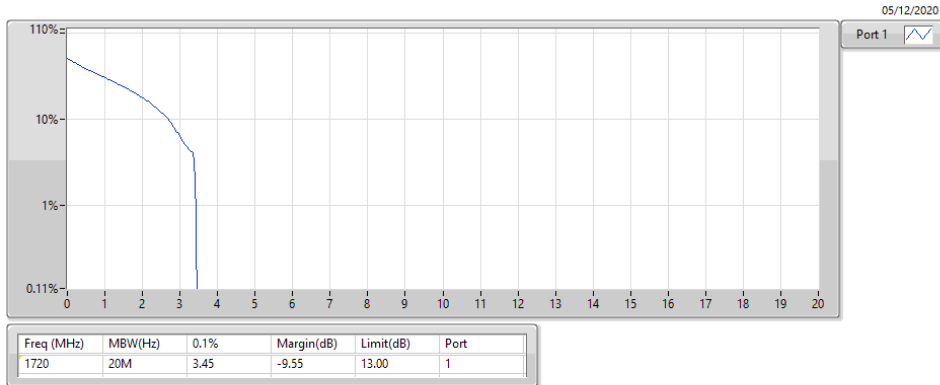


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

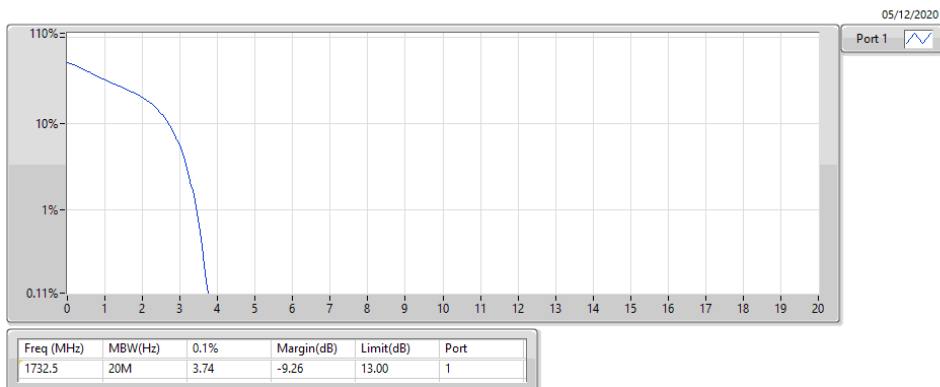
**1720MHz\_QPSK\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

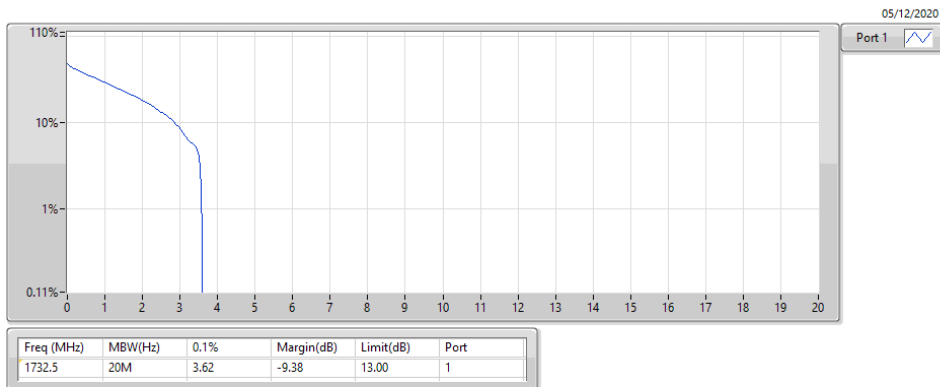
**1732.5MHz\_QPSK\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1732.5MHz\_QPSK\_RB 1,#RB L**

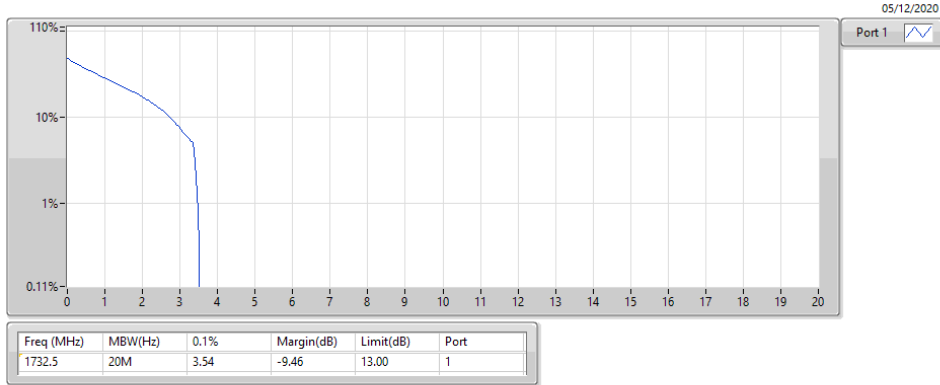


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

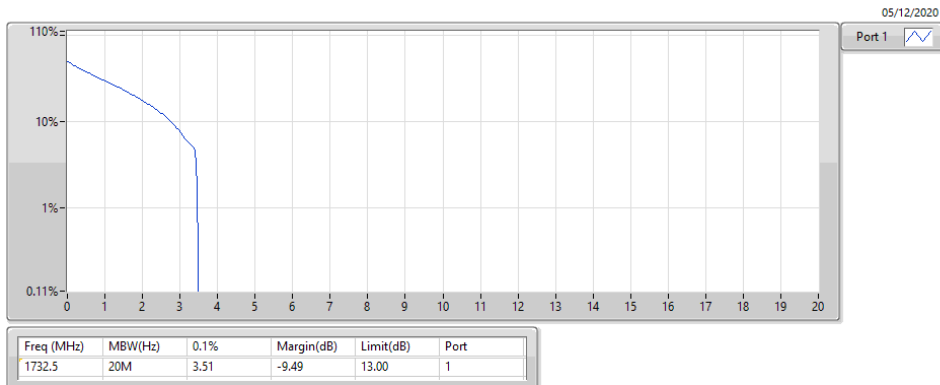
**1732.5MHz\_QPSK\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

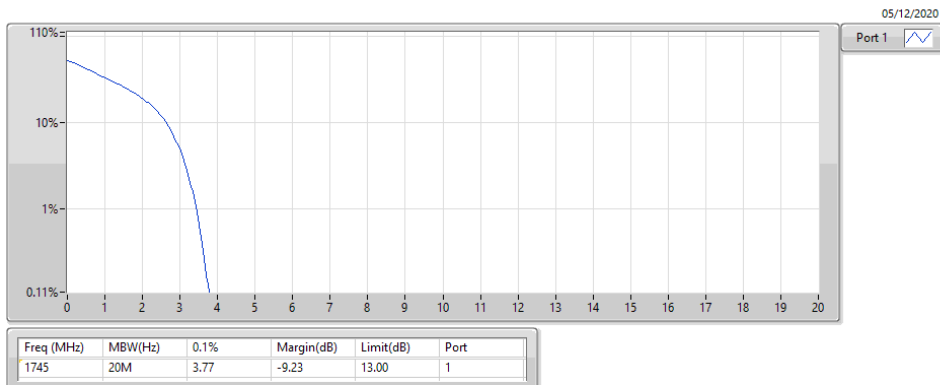
**1732.5MHz\_QPSK\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1745MHz\_QPSK\_RB 100,#RB 0**

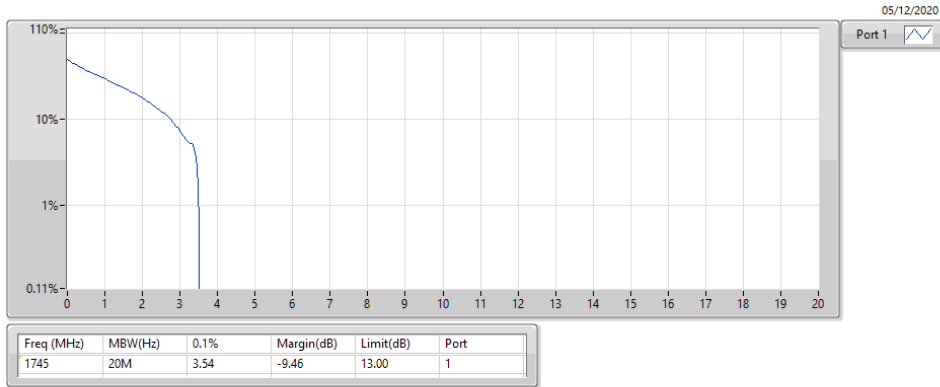


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

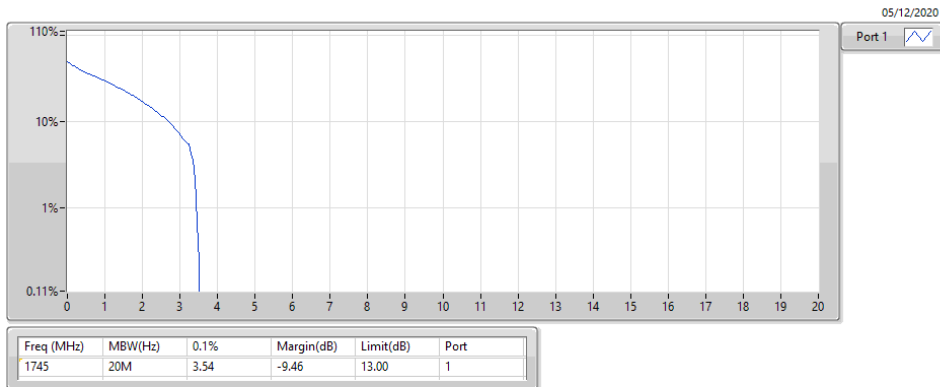
**1745MHz\_QPSK\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

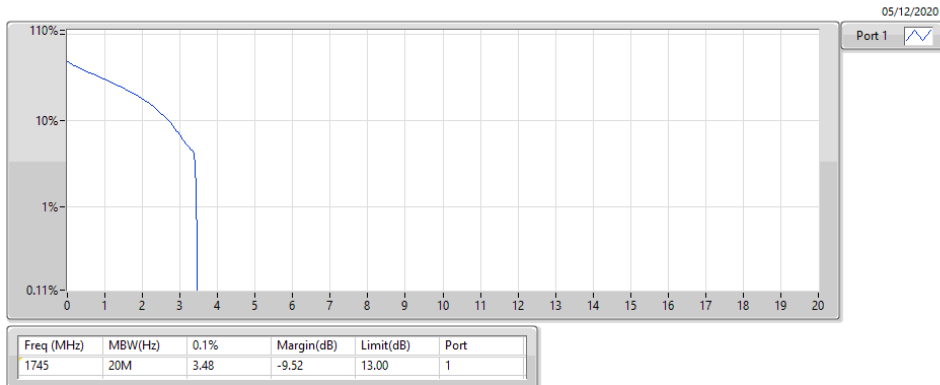
**1745MHz\_QPSK\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1745MHz\_QPSK\_RB 1,#RB H**

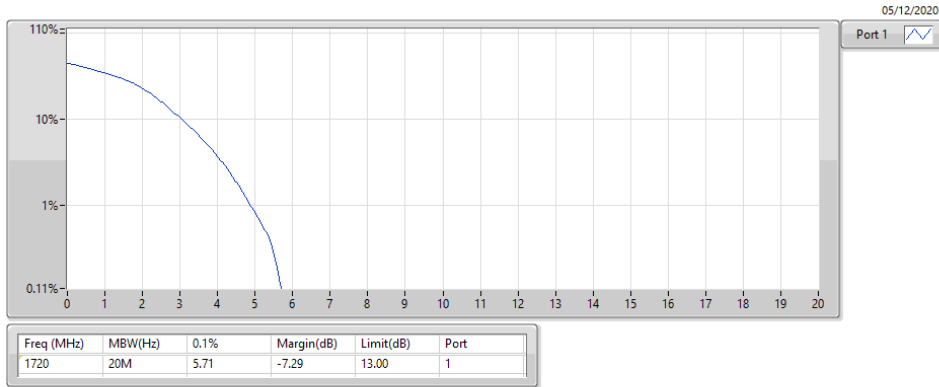


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

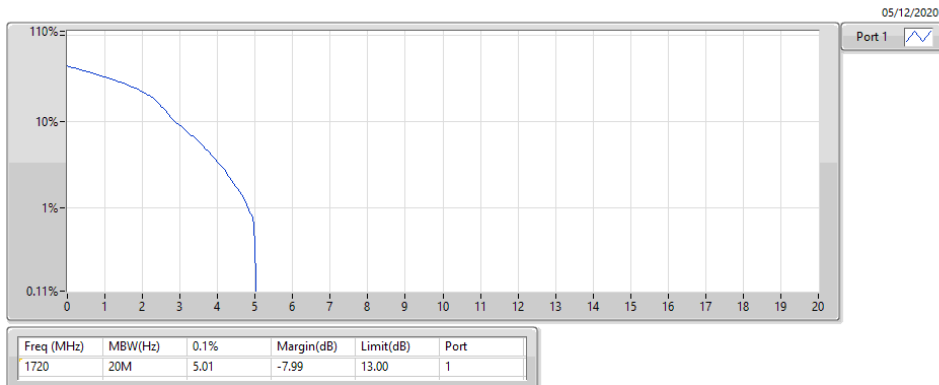
**1720MHz\_16QAM\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

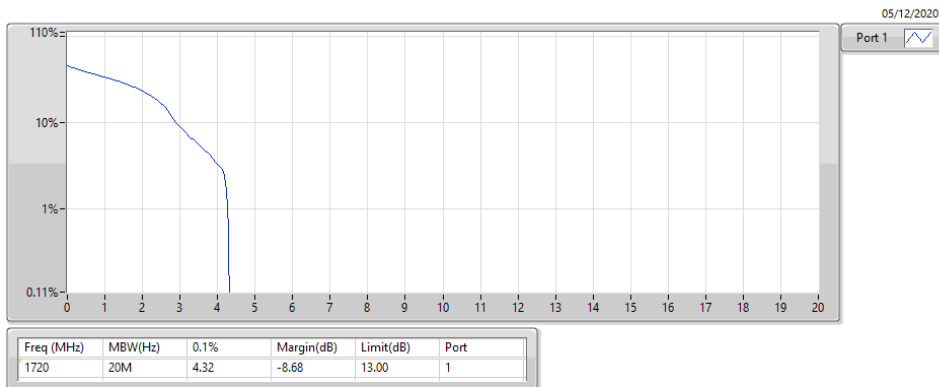
**1720MHz\_16QAM\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1720MHz\_16QAM\_RB 1,#RB M**

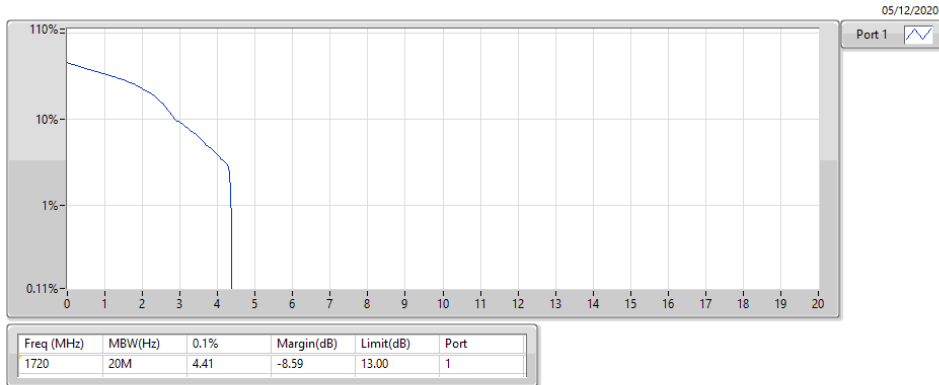


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

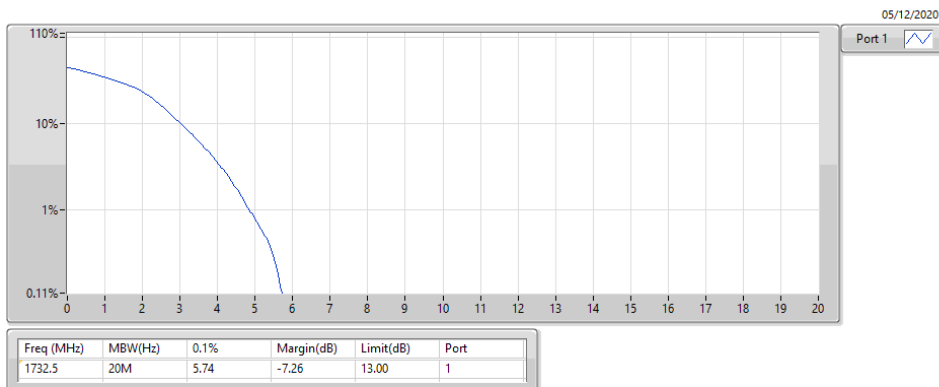
**1720MHz\_16QAM\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

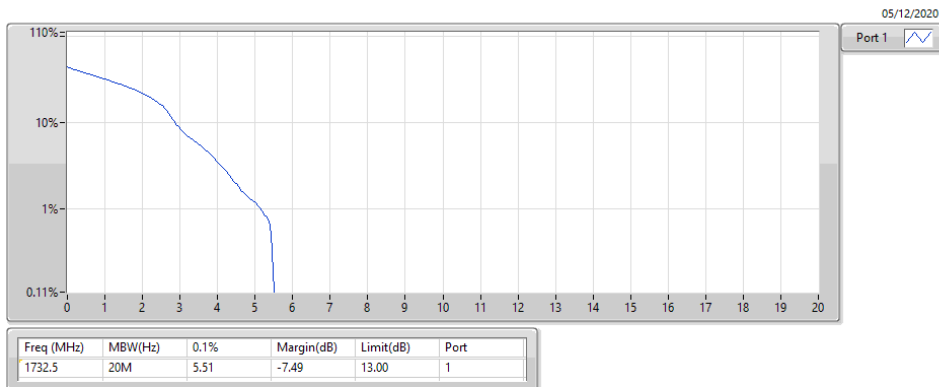
**1732.5MHz\_16QAM\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1732.5MHz\_16QAM\_RB 1,#RB L**

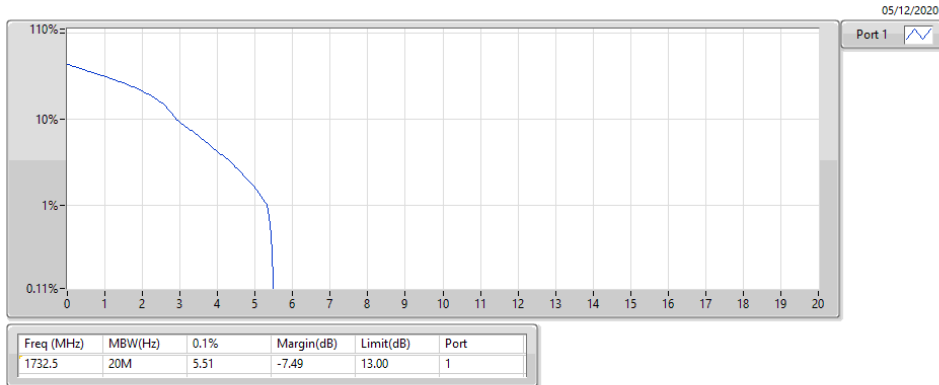


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

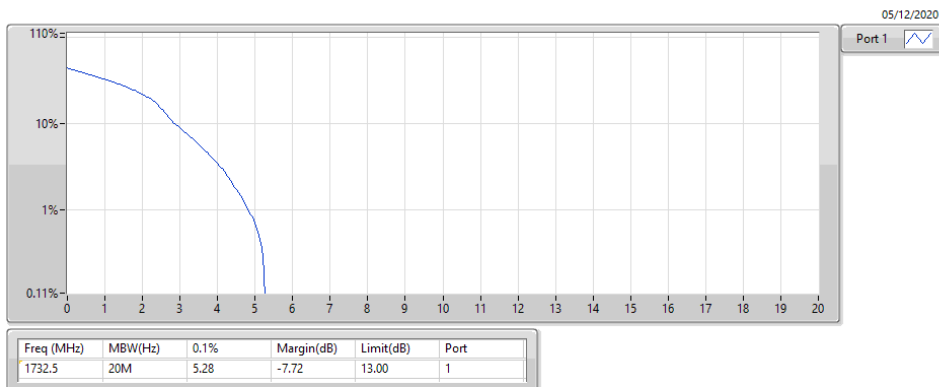
**1732.5MHz\_16QAM\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

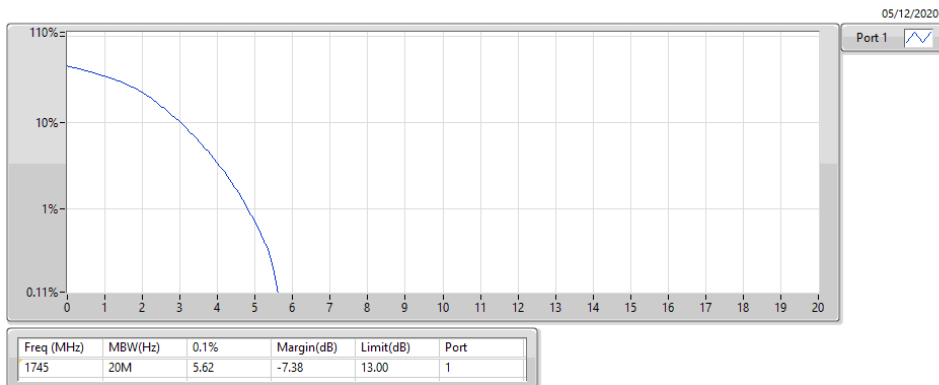
**1732.5MHz\_16QAM\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1745MHz\_16QAM\_RB 100,#RB 0**

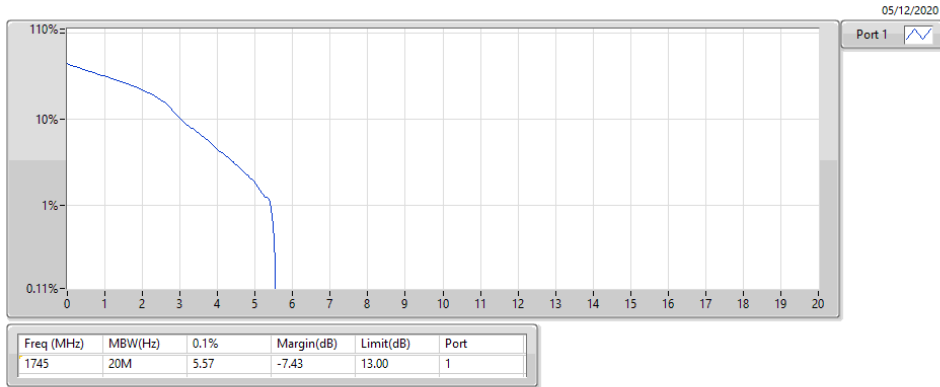


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

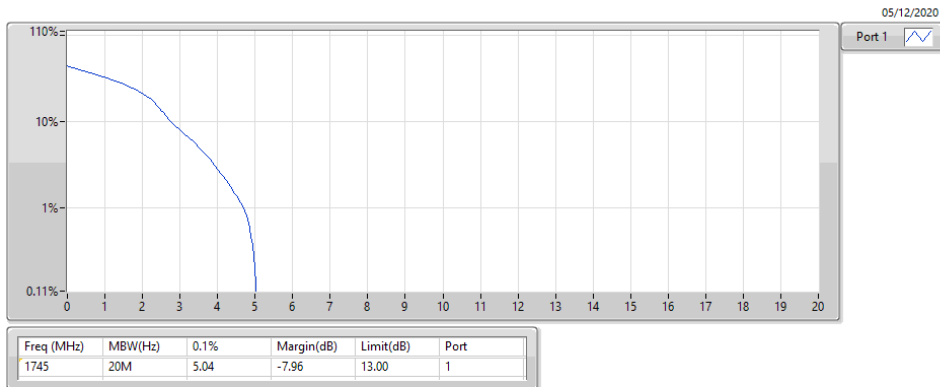
**1745MHz\_16QAM\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

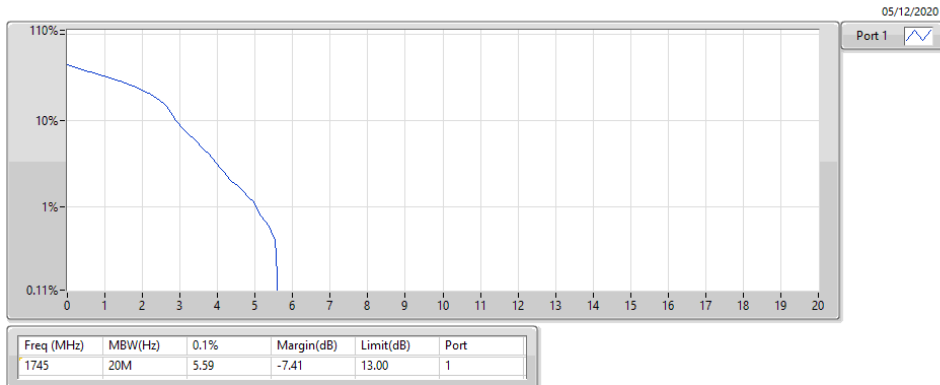
**1745MHz\_16QAM\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1745MHz\_16QAM\_RB 1,#RB H**



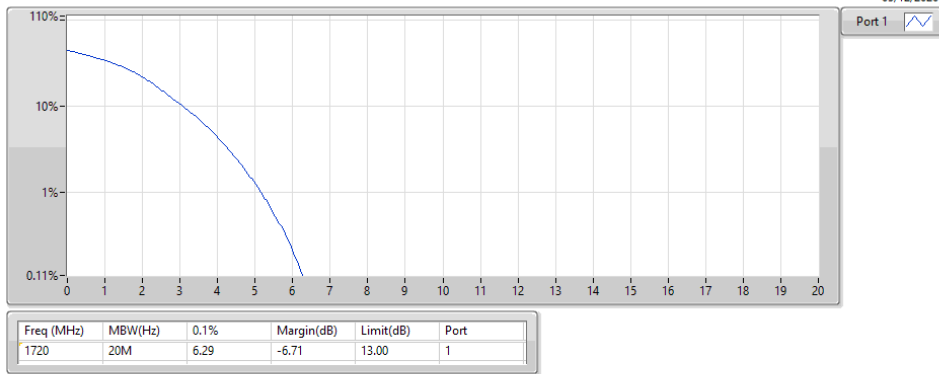


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

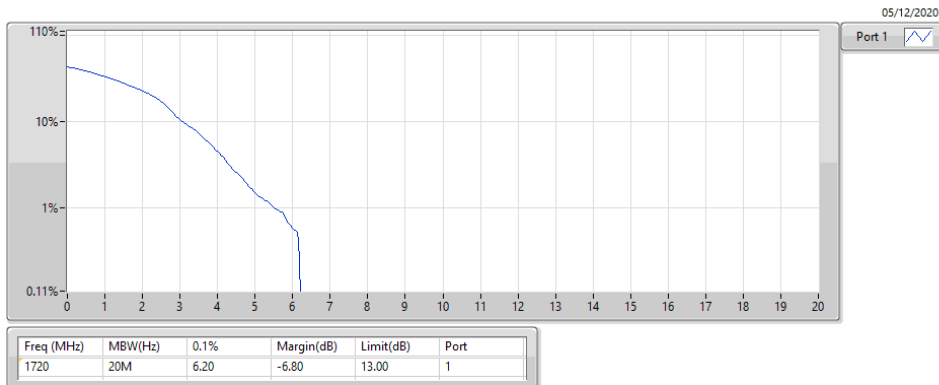
**1720MHz\_64QAM\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

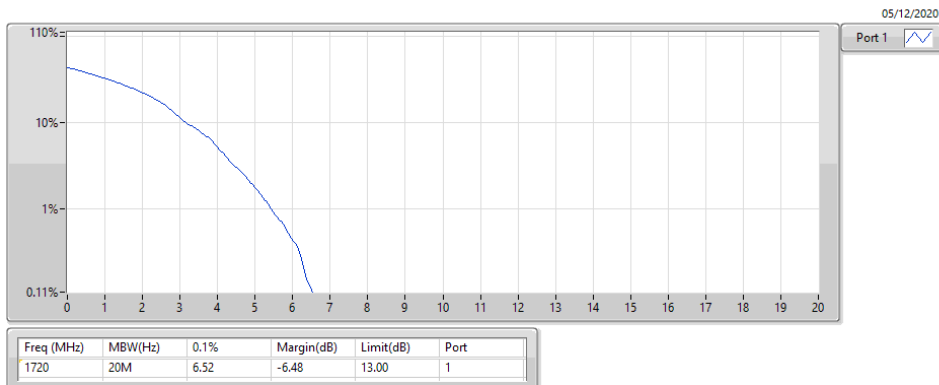
**1720MHz\_64QAM\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1720MHz\_64QAM\_RB 1,#RB M**

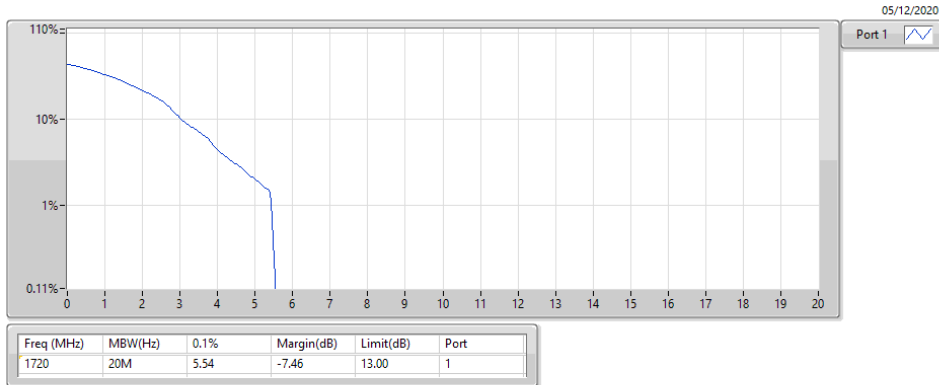


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

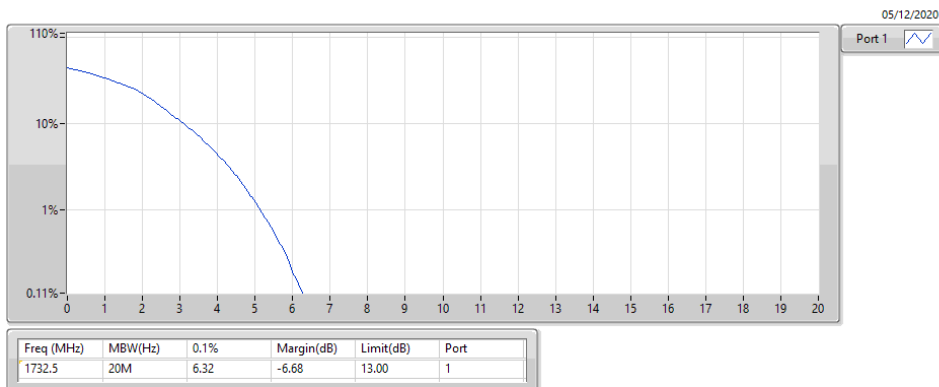
**1720MHz\_64QAM\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

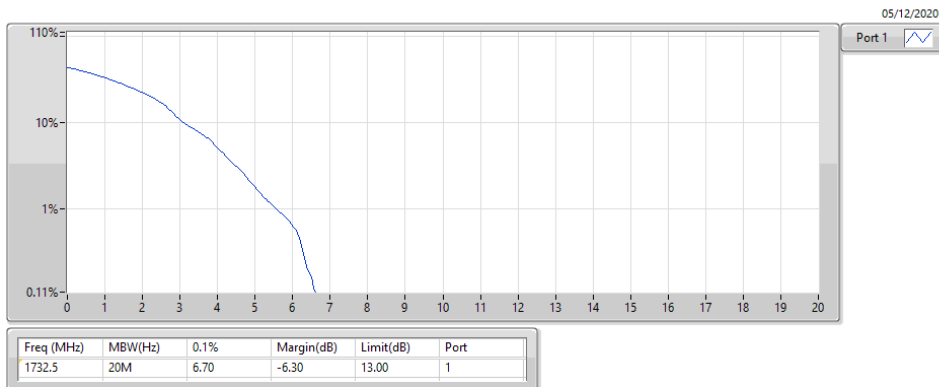
**1732.5MHz\_64QAM\_RB 100,#RB 0**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1732.5MHz\_64QAM\_RB 1,#RB L**

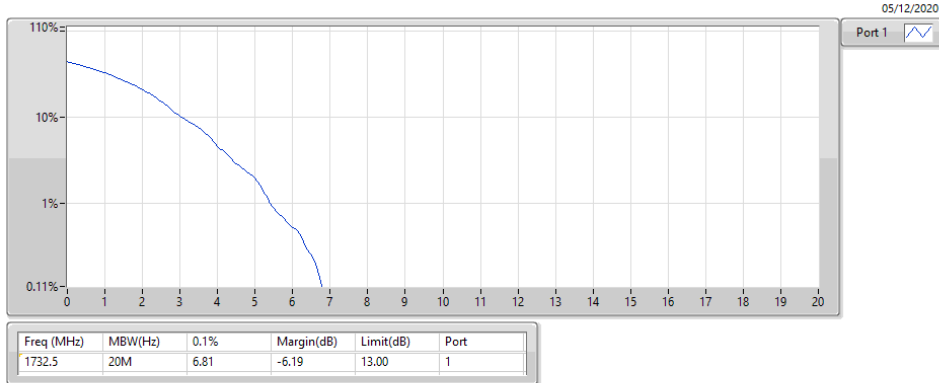


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

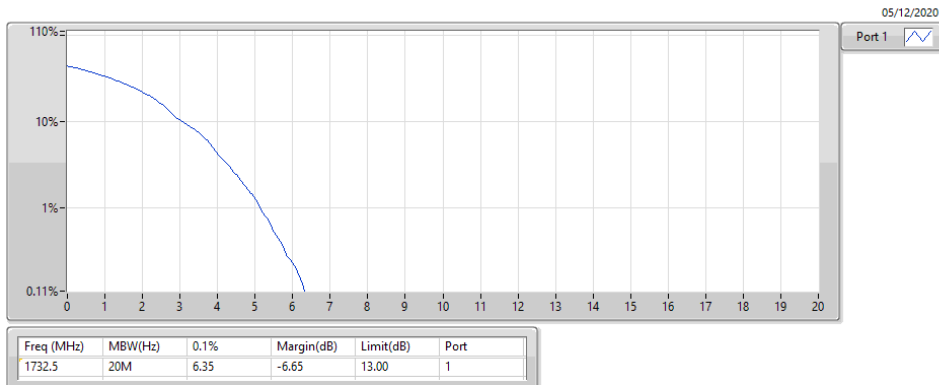
**1732.5MHz\_64QAM\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

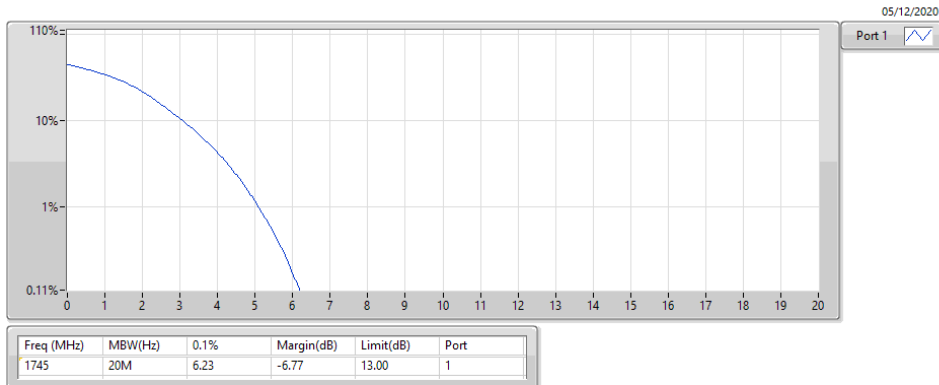
**1732.5MHz\_64QAM\_RB 1,#RB H**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1745MHz\_64QAM\_RB 100,#RB 0**

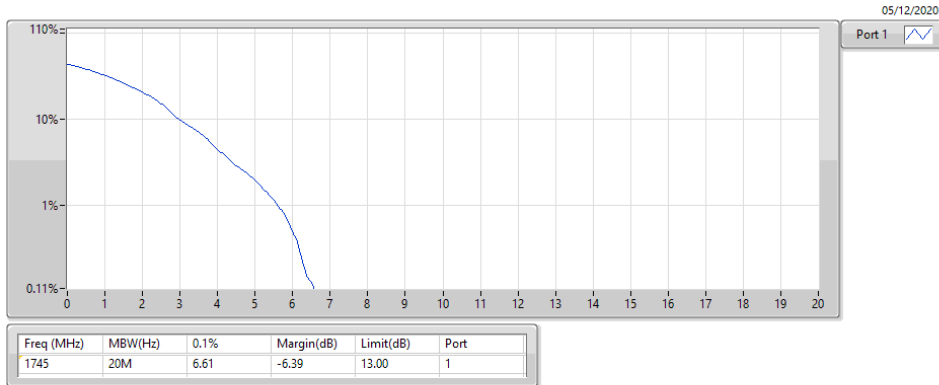


Test Mode: Mode 5 / EUT 2 + Set 3 antenna (LTE Band 4)

**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

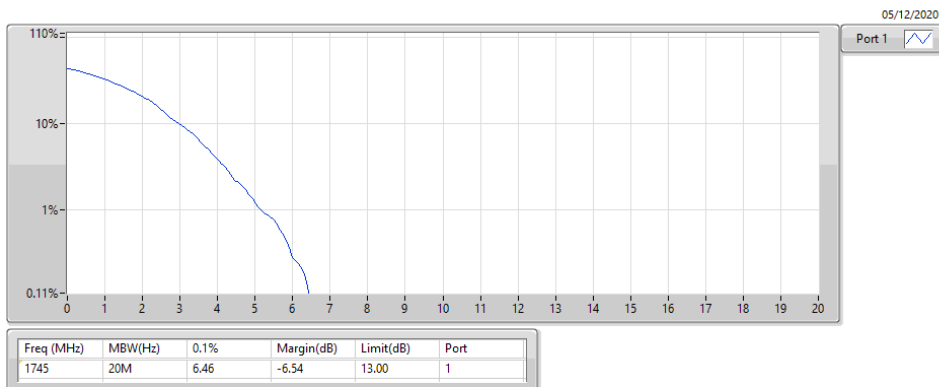
**1745MHz\_64QAM\_RB 1,#RB L**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

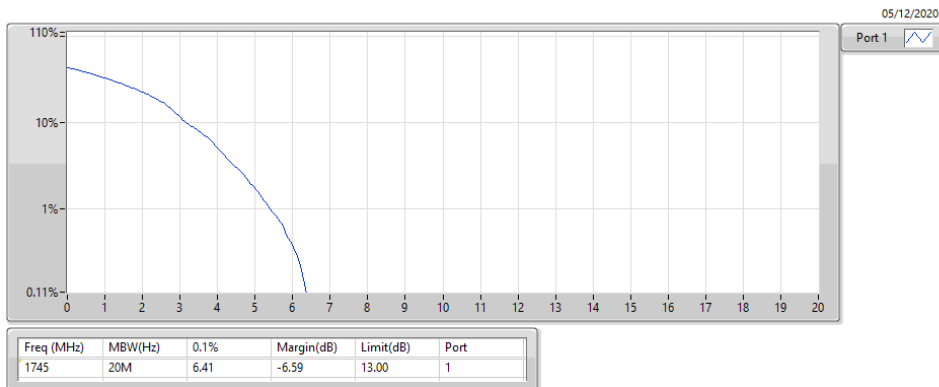
**1745MHz\_64QAM\_RB 1,#RB M**



**Band 4\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1745MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.6

Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 5                   | -      | -             | -             | -    | -    |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 836.5         | 13.00         | 4.61 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 836.5         | 13.00         | 5.94 | 1    |
| LTE_10MHz_Nss1,64QAM_1TX | Pass   | 836.5         | 13.00         | 6.84 | 1    |



Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Result**

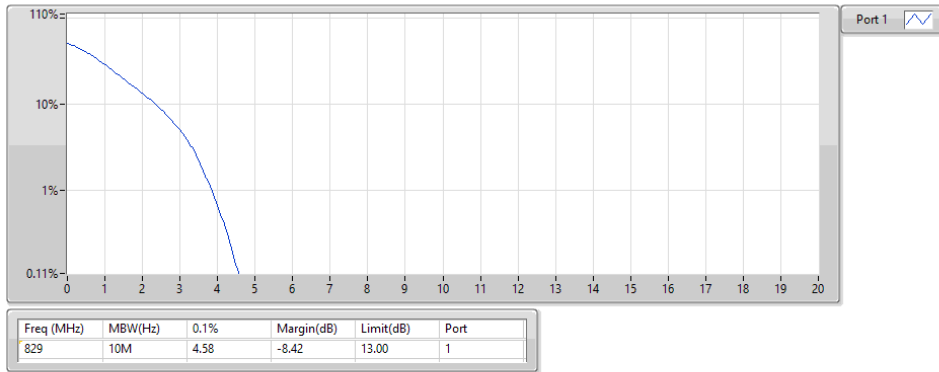
| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 5_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 829MHz_RB 50,#RB 0              | Pass   | 829           | 13.00         | 4.58 | 1    |
| 829MHz_RB 1,#RB L               | Pass   | 829           | 13.00         | 3.39 | 1    |
| 829MHz_RB 1,#RB M               | Pass   | 829           | 13.00         | 3.54 | 1    |
| 829MHz_RB 1,#RB H               | Pass   | 829           | 13.00         | 3.54 | 1    |
| 836.5MHz_RB 50,#RB 0            | Pass   | 836.5         | 13.00         | 4.61 | 1    |
| 836.5MHz_RB 1,#RB L             | Pass   | 836.5         | 13.00         | 3.48 | 1    |
| 836.5MHz_RB 1,#RB M             | Pass   | 836.5         | 13.00         | 3.39 | 1    |
| 836.5MHz_RB 1,#RB H             | Pass   | 836.5         | 13.00         | 3.57 | 1    |
| 844MHz_RB 50,#RB 0              | Pass   | 844           | 13.00         | 4.52 | 1    |
| 844MHz_RB 1,#RB L               | Pass   | 844           | 13.00         | 3.36 | 1    |
| 844MHz_RB 1,#RB M               | Pass   | 844           | 13.00         | 3.54 | 1    |
| 844MHz_RB 1,#RB H               | Pass   | 844           | 13.00         | 3.54 | 1    |
| Band 5_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 829MHz_RB 50,#RB 0              | Pass   | 829           | 13.00         | 5.88 | 1    |
| 829MHz_RB 1,#RB L               | Pass   | 829           | 13.00         | 4.38 | 1    |
| 829MHz_RB 1,#RB M               | Pass   | 829           | 13.00         | 4.32 | 1    |
| 829MHz_RB 1,#RB H               | Pass   | 829           | 13.00         | 5.48 | 1    |
| 836.5MHz_RB 50,#RB 0            | Pass   | 836.5         | 13.00         | 5.94 | 1    |
| 836.5MHz_RB 1,#RB L             | Pass   | 836.5         | 13.00         | 5.30 | 1    |
| 836.5MHz_RB 1,#RB M             | Pass   | 836.5         | 13.00         | 4.41 | 1    |
| 836.5MHz_RB 1,#RB H             | Pass   | 836.5         | 13.00         | 5.42 | 1    |
| 844MHz_RB 50,#RB 0              | Pass   | 844           | 13.00         | 5.88 | 1    |
| 844MHz_RB 1,#RB L               | Pass   | 844           | 13.00         | 4.26 | 1    |
| 844MHz_RB 1,#RB M               | Pass   | 844           | 13.00         | 5.45 | 1    |
| 844MHz_RB 1,#RB H               | Pass   | 844           | 13.00         | 5.48 | 1    |
| Band 5_LTE_10MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 829MHz_RB 50,#RB 0              | Pass   | 829           | 13.00         | 6.46 | 1    |
| 829MHz_RB 1,#RB L               | Pass   | 829           | 13.00         | 5.10 | 1    |
| 829MHz_RB 1,#RB M               | Pass   | 829           | 13.00         | 6.64 | 1    |
| 829MHz_RB 1,#RB H               | Pass   | 829           | 13.00         | 6.29 | 1    |
| 836.5MHz_RB 50,#RB 0            | Pass   | 836.5         | 13.00         | 6.46 | 1    |
| 836.5MHz_RB 1,#RB L             | Pass   | 836.5         | 13.00         | 6.84 | 1    |
| 836.5MHz_RB 1,#RB M             | Pass   | 836.5         | 13.00         | 5.39 | 1    |
| 836.5MHz_RB 1,#RB H             | Pass   | 836.5         | 13.00         | 6.14 | 1    |
| 844MHz_RB 50,#RB 0              | Pass   | 844           | 13.00         | 6.41 | 1    |
| 844MHz_RB 1,#RB L               | Pass   | 844           | 13.00         | 5.25 | 1    |
| 844MHz_RB 1,#RB M               | Pass   | 844           | 13.00         | 6.55 | 1    |
| 844MHz_RB 1,#RB H               | Pass   | 844           | 13.00         | 6.75 | 1    |

Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

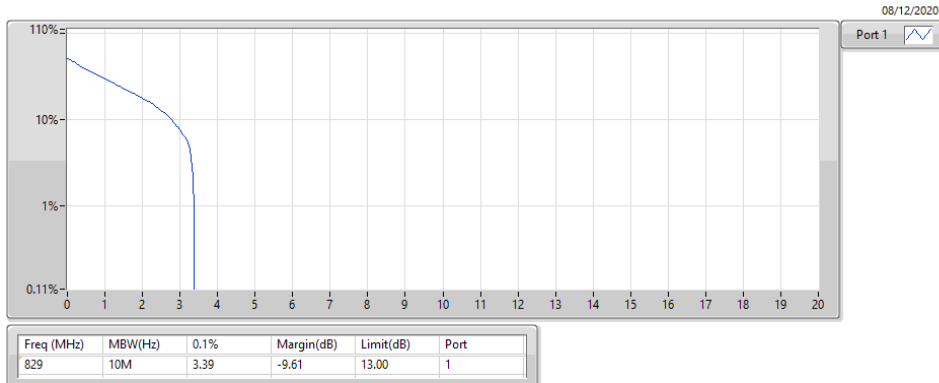
**829MHz\_QPSK\_RB 50,#RB 0**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

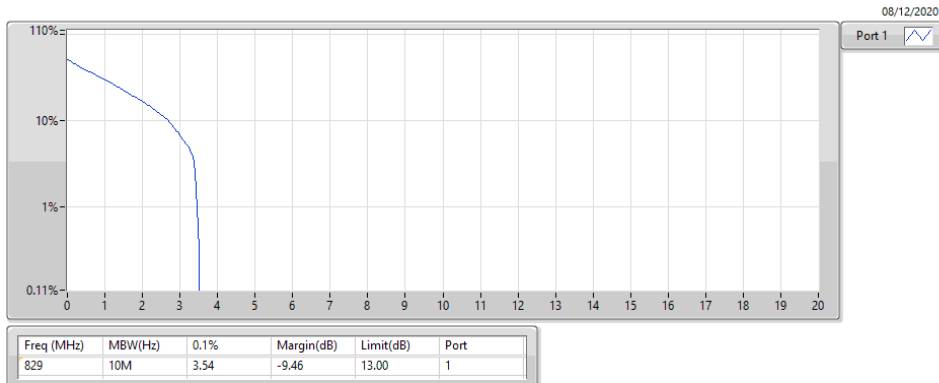
**829MHz\_QPSK\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**829MHz\_QPSK\_RB 1,#RB M**

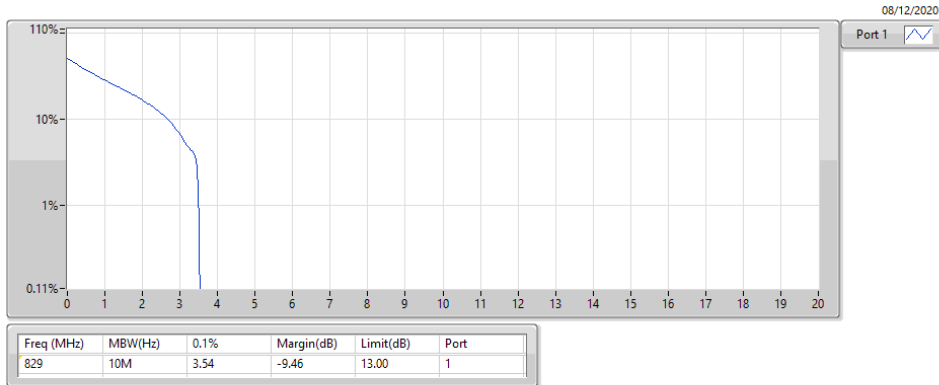


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

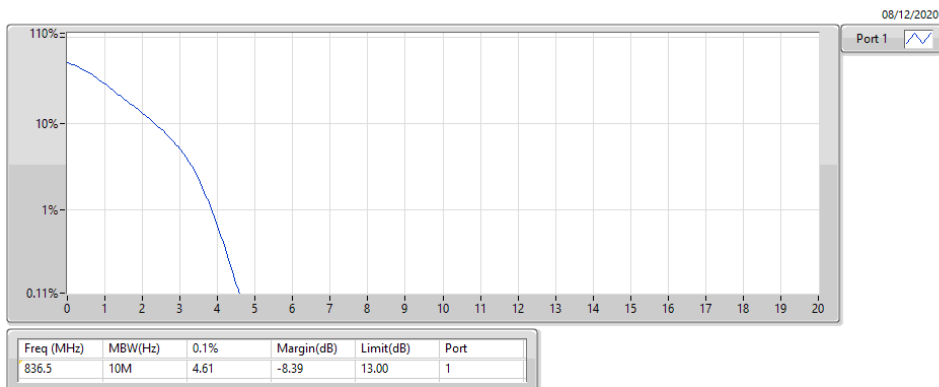
**829MHz\_QPSK\_RB 1,#RB H**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

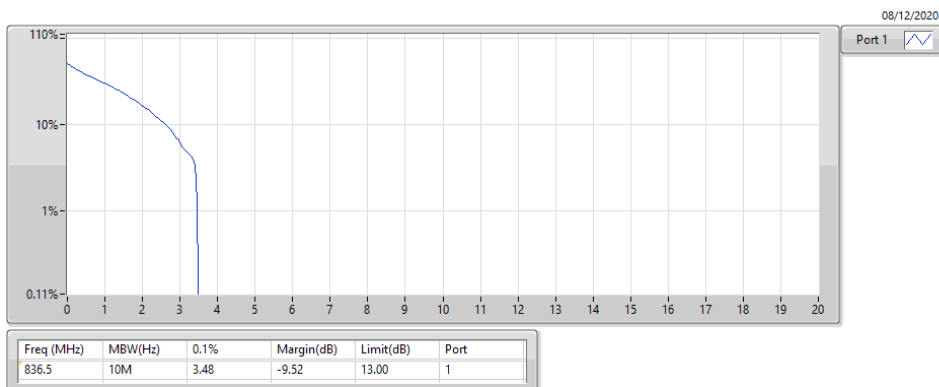
**836.5MHz\_QPSK\_RB 50,#RB 0**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**836.5MHz\_QPSK\_RB 1,#RB L**



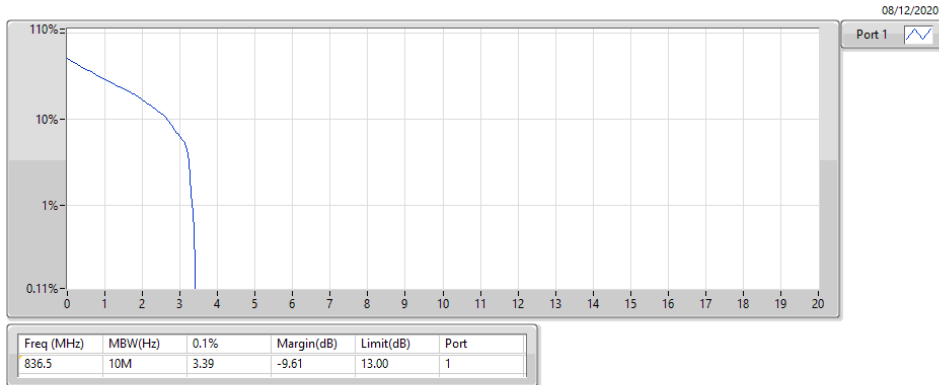


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

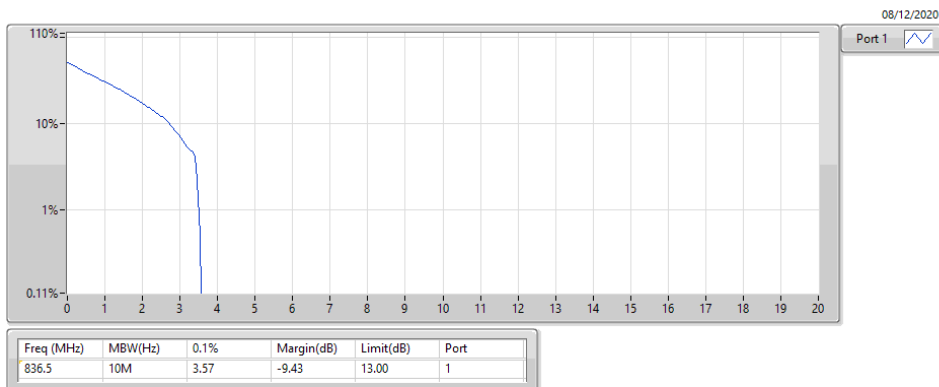
**836.5MHz\_QPSK\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

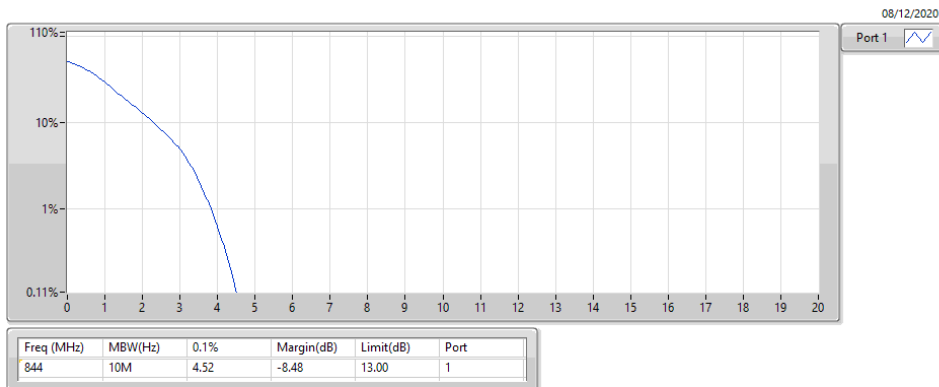
**836.5MHz\_QPSK\_RB 1,#RB H**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**844MHz\_QPSK\_RB 50,#RB 0**

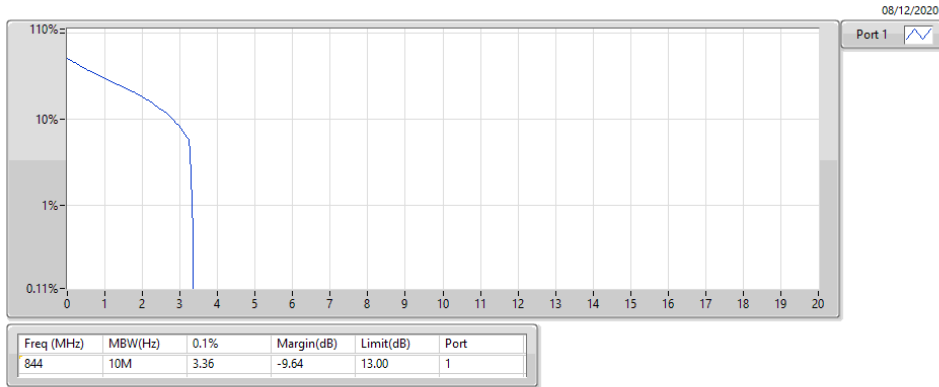


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

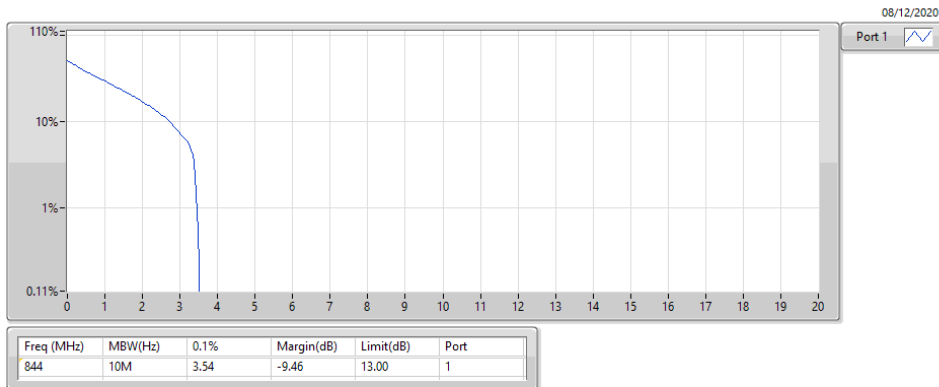
**844MHz\_QPSK\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

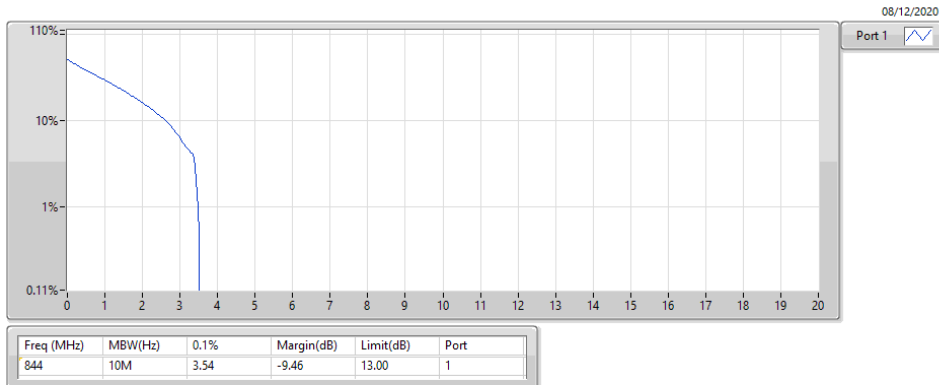
**844MHz\_QPSK\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**844MHz\_QPSK\_RB 1,#RB H**

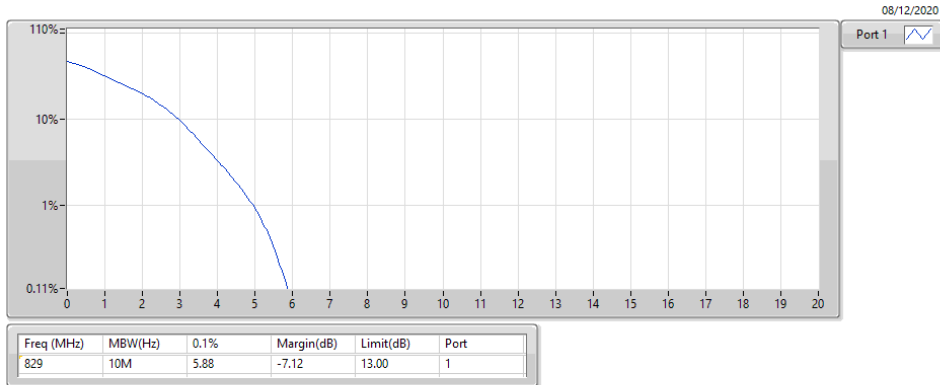


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

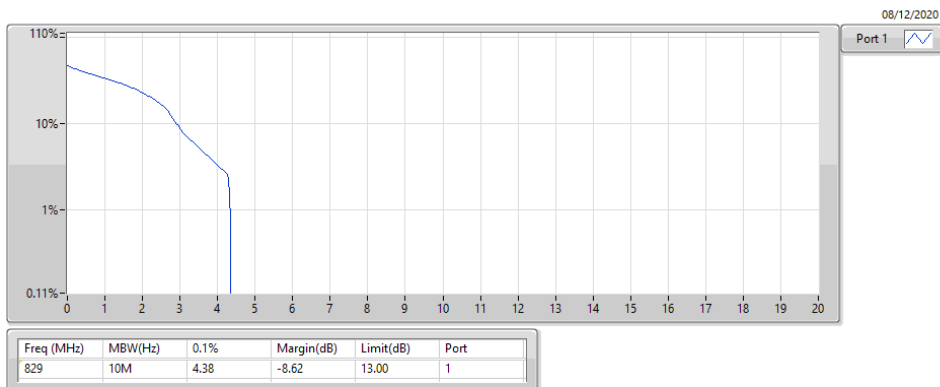
**829MHz\_16QAM\_RB 50,#RB 0**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

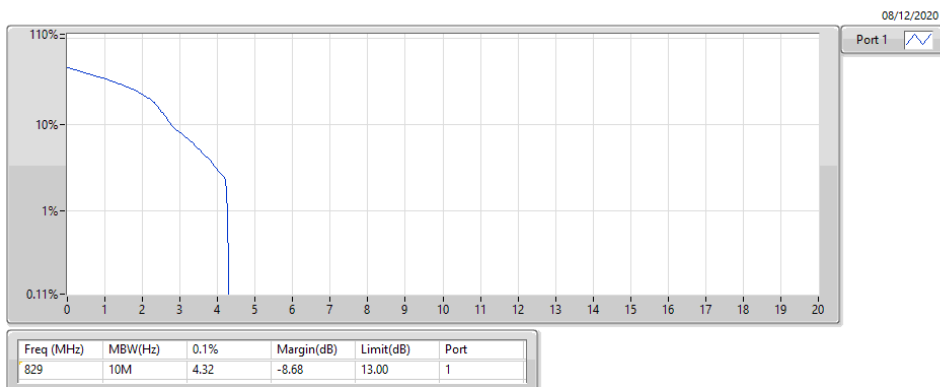
**829MHz\_16QAM\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

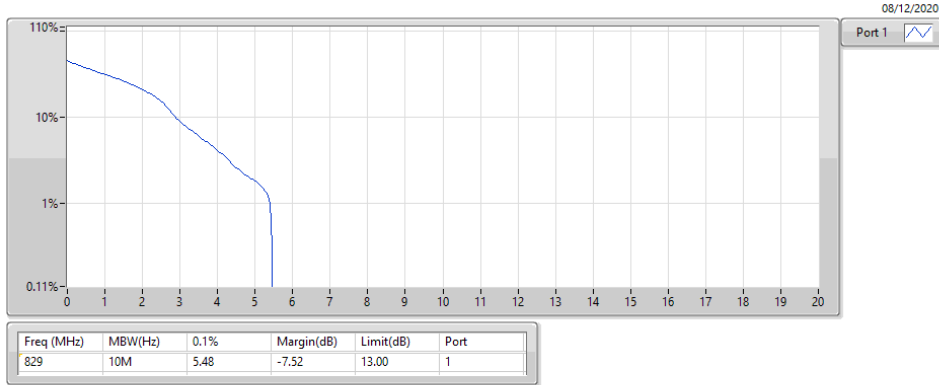
**829MHz\_16QAM\_RB 1,#RB M**



Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

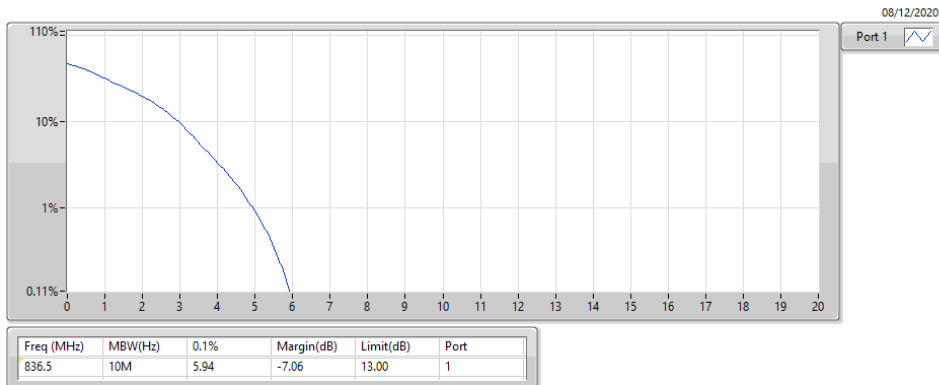
**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 1,#RB H**

PAR



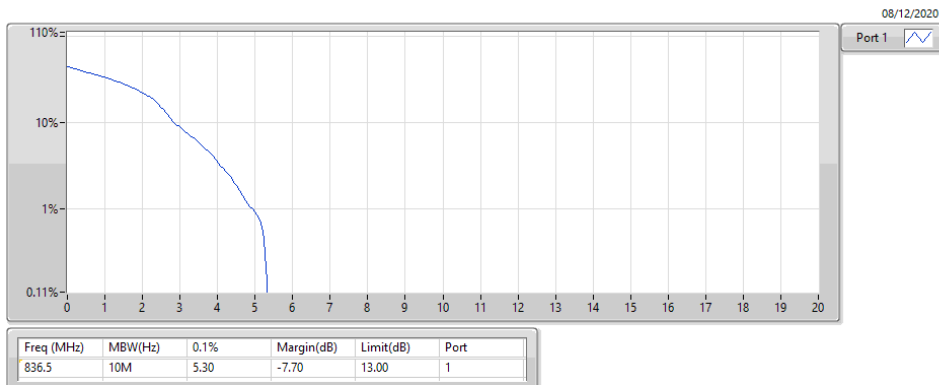
**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 50,#RB 0**

PAR



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 1,#RB L**

PAR

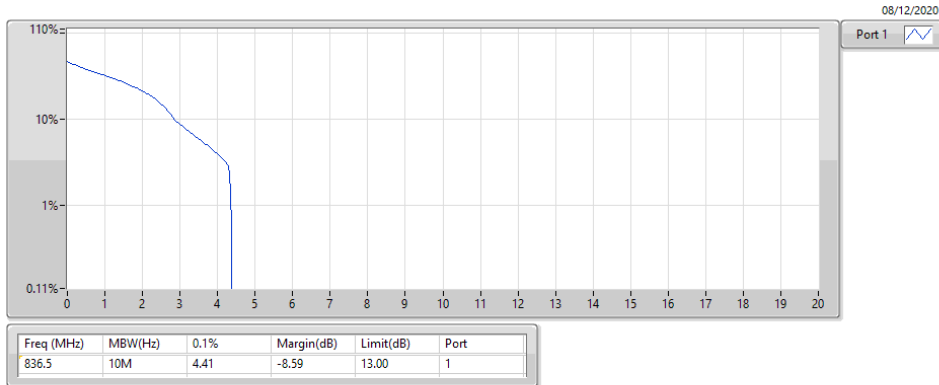


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

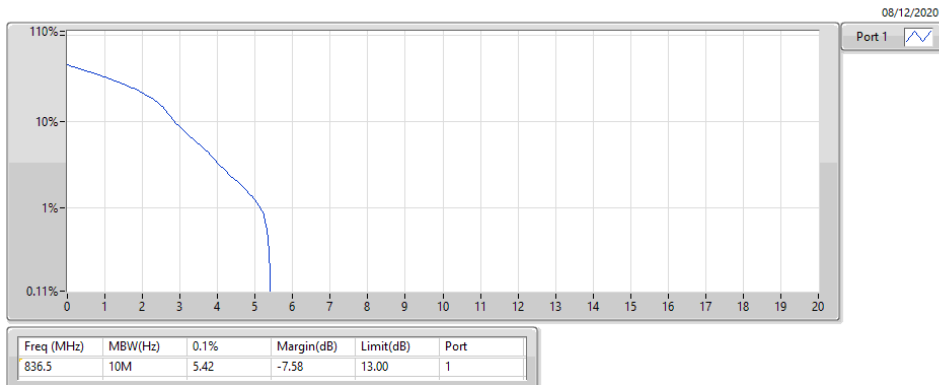
**836.5MHz\_16QAM\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

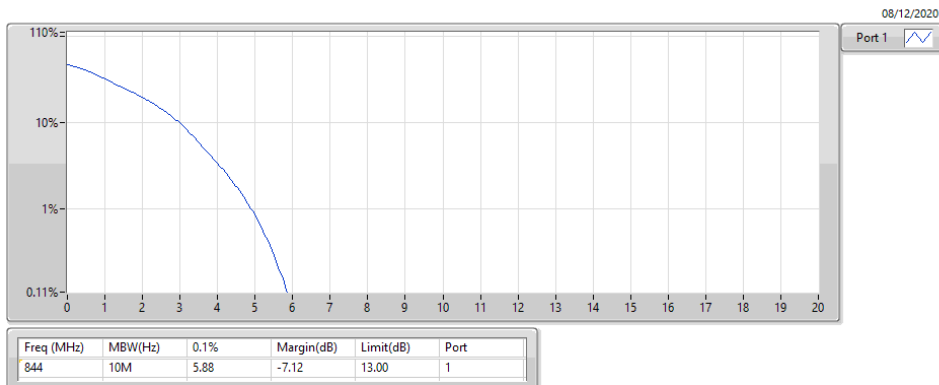
**836.5MHz\_16QAM\_RB 1,#RB H**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**844MHz\_16QAM\_RB 50,#RB 0**

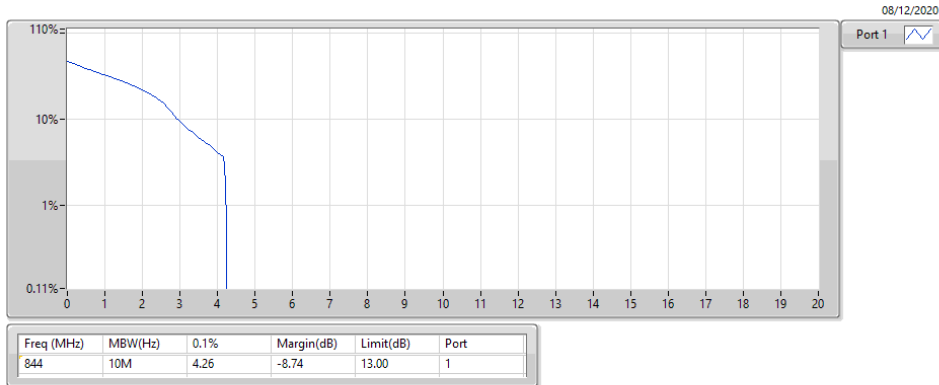


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

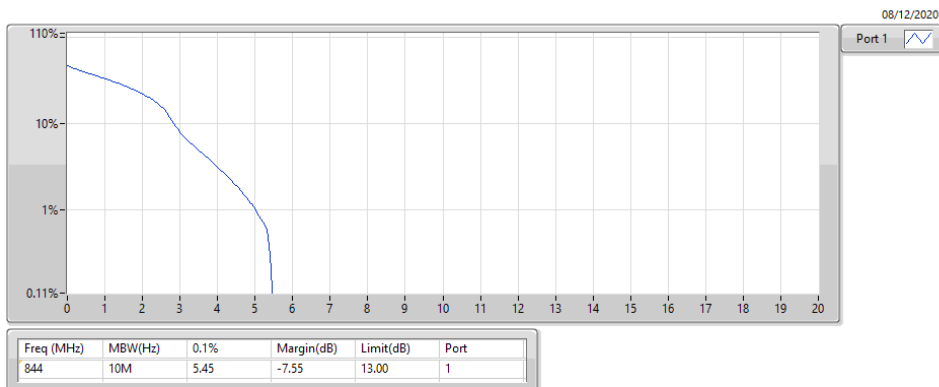
**844MHz\_16QAM\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

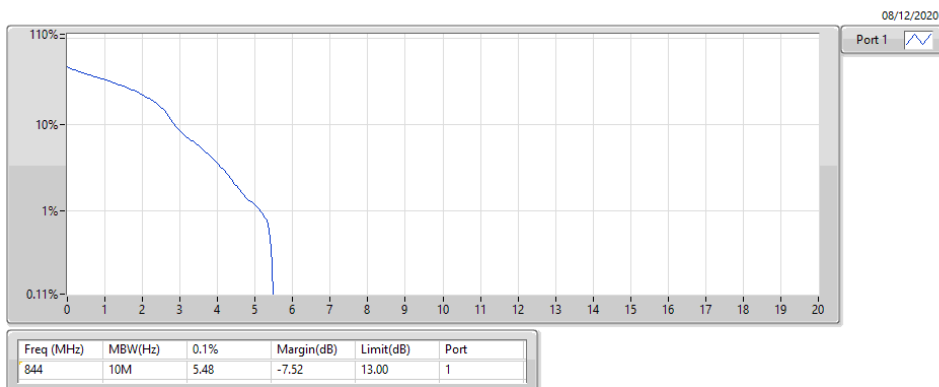
**844MHz\_16QAM\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**844MHz\_16QAM\_RB 1,#RB H**

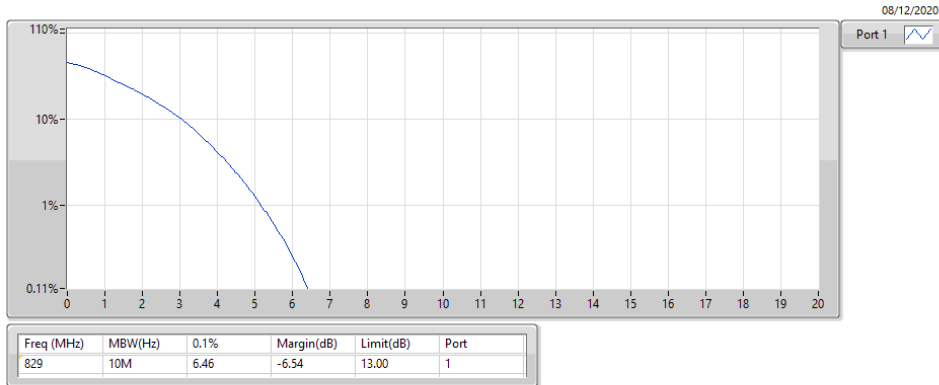


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

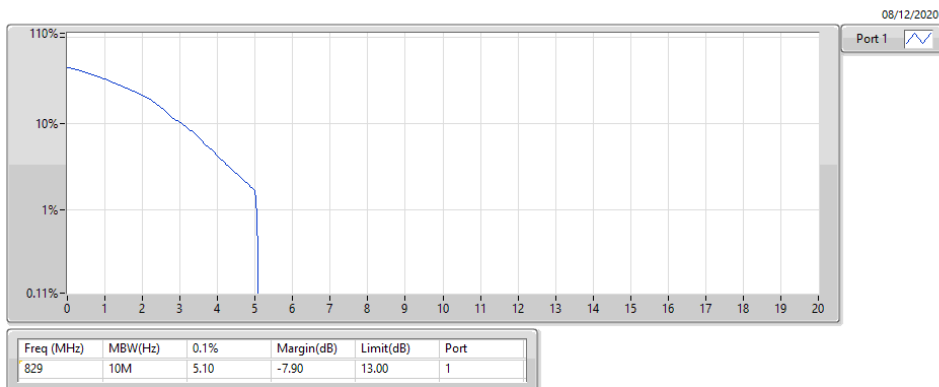
**829MHz\_64QAM\_RB 50,#RB 0**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

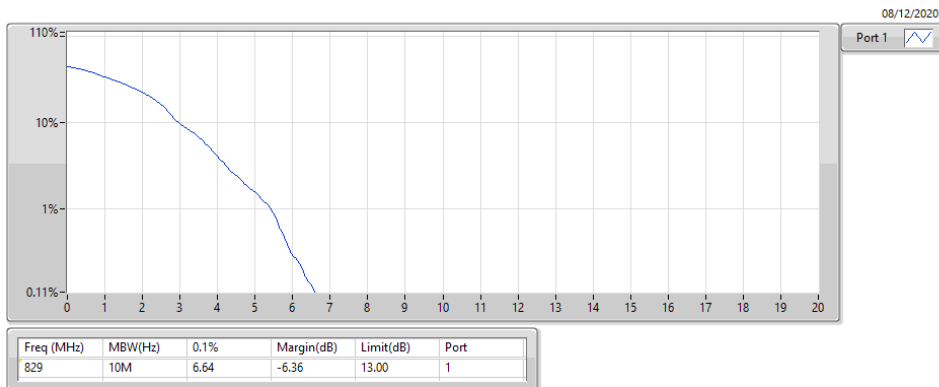
**829MHz\_64QAM\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**829MHz\_64QAM\_RB 1,#RB M**

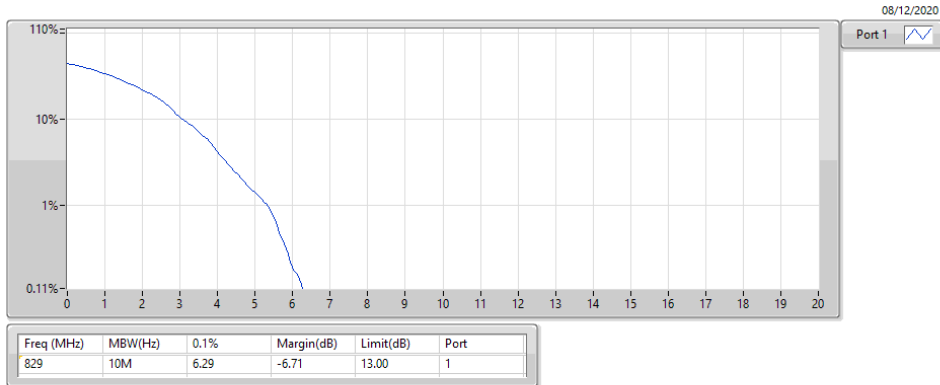


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

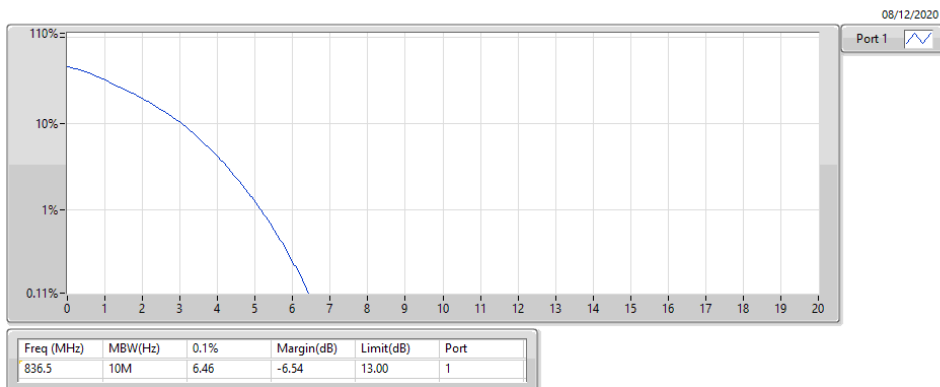
**829MHz\_64QAM\_RB 1,#RB H**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

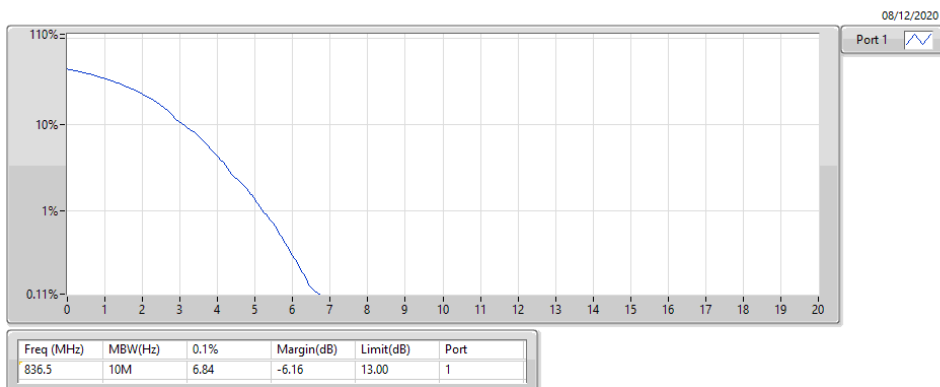
**836.5MHz\_64QAM\_RB 50,#RB 0**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**836.5MHz\_64QAM\_RB 1,#RB L**



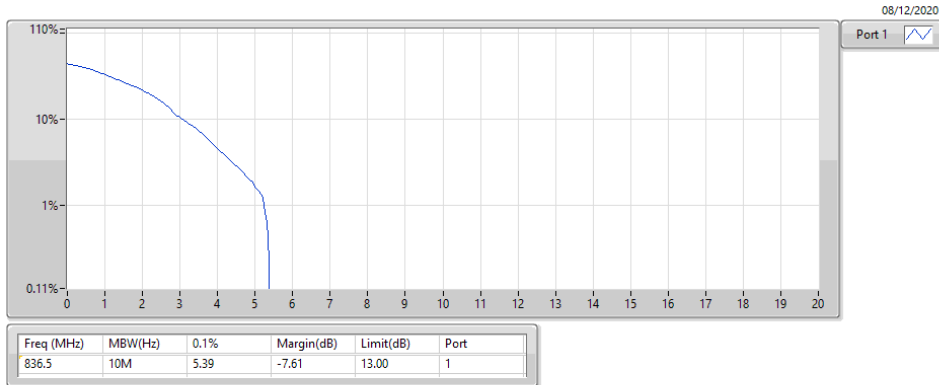


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

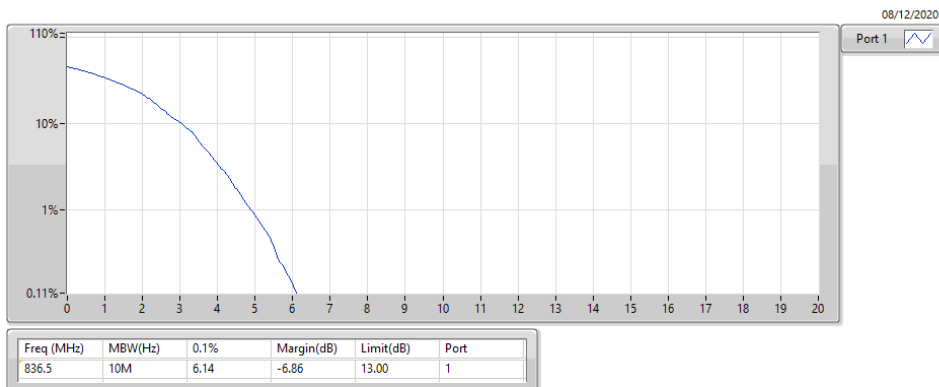
**836.5MHz\_64QAM\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

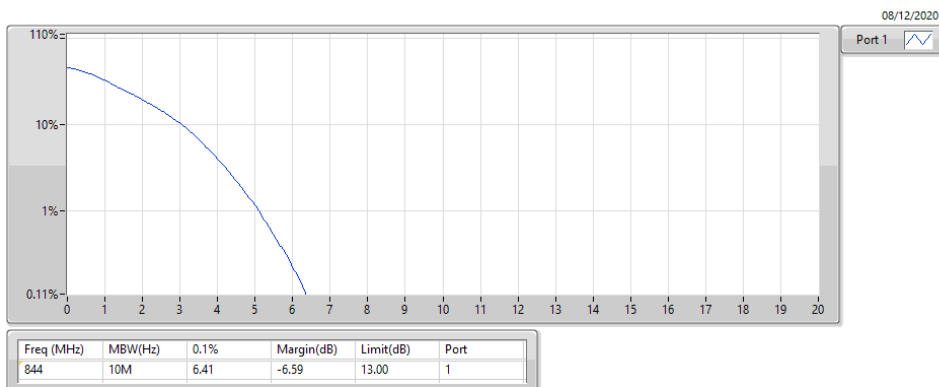
**836.5MHz\_64QAM\_RB 1,#RB H**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**844MHz\_64QAM\_RB 50,#RB 0**

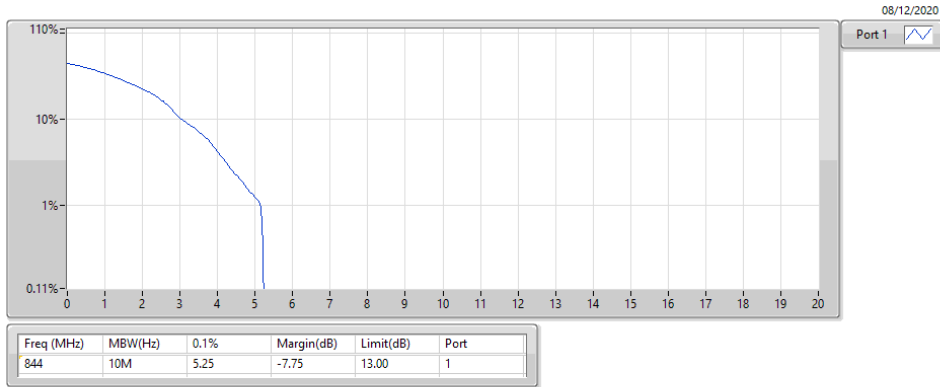


Test Mode: Mode 6 / EUT 2 + Set 3 antenna (LTE Band 5)

**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

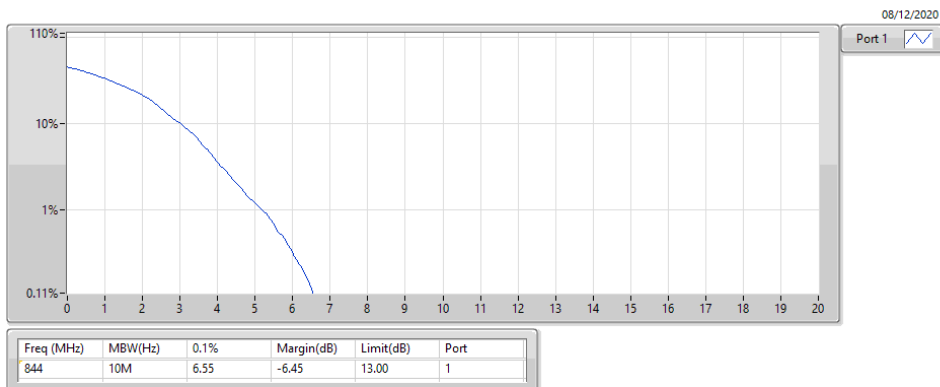
**844MHz\_64QAM\_RB 1,#RB L**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

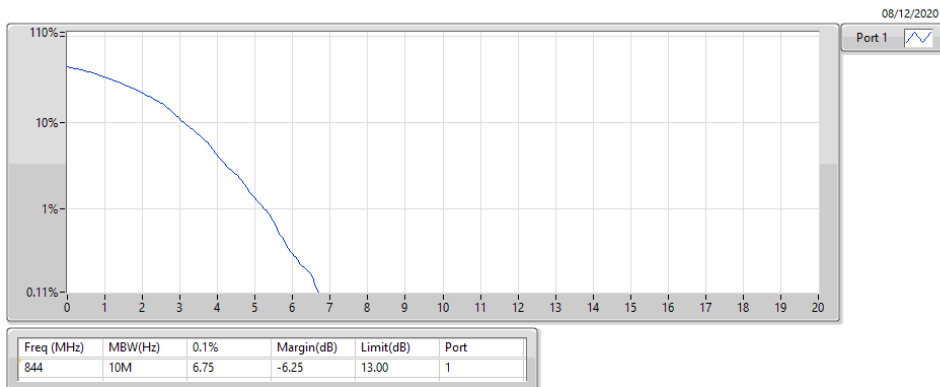
**844MHz\_64QAM\_RB 1,#RB M**



**Band 5\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**844MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.7

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 7                   | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 2510          | 13.00         | 3.83 | 3    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 2510          | 13.00         | 5.80 | 3    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 2510          | 13.00         | 6.72 | 3    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.7

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

### Result

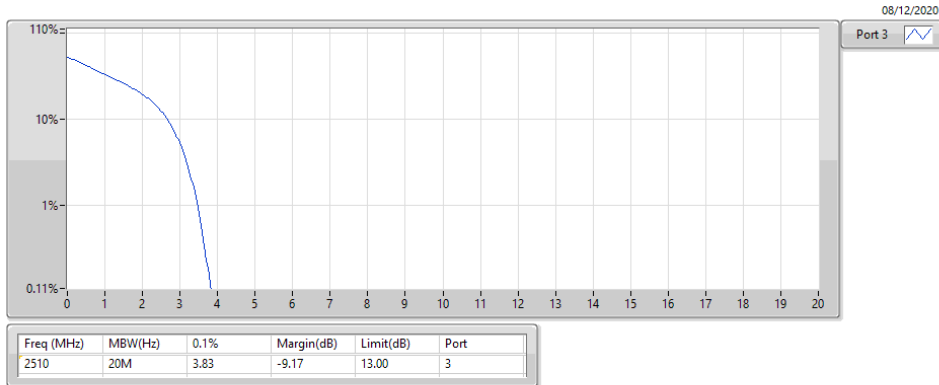
| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 7_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 2510MHz_RB 100,#RB 0            | Pass   | 2510          | 13.00         | 3.83 | 3    |
| 2510MHz_RB 1,#RB L              | Pass   | 2510          | 13.00         | 3.57 | 3    |
| 2510MHz_RB 1,#RB M              | Pass   | 2510          | 13.00         | 3.36 | 3    |
| 2510MHz_RB 1,#RB H              | Pass   | 2510          | 13.00         | 3.45 | 3    |
| 2535MHz_RB 100,#RB 0            | Pass   | 2535          | 13.00         | 3.80 | 3    |
| 2535MHz_RB 1,#RB L              | Pass   | 2535          | 13.00         | 3.51 | 3    |
| 2535MHz_RB 1,#RB M              | Pass   | 2535          | 13.00         | 3.68 | 3    |
| 2535MHz_RB 1,#RB H              | Pass   | 2535          | 13.00         | 3.54 | 3    |
| 2560MHz_RB 100,#RB 0            | Pass   | 2560          | 13.00         | 3.80 | 3    |
| 2560MHz_RB 1,#RB L              | Pass   | 2560          | 13.00         | 3.51 | 3    |
| 2560MHz_RB 1,#RB M              | Pass   | 2560          | 13.00         | 3.48 | 3    |
| 2560MHz_RB 1,#RB H              | Pass   | 2560          | 13.00         | 3.54 | 3    |
| Band 7_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 2510MHz_RB 100,#RB 0            | Pass   | 2510          | 13.00         | 5.80 | 3    |
| 2510MHz_RB 1,#RB L              | Pass   | 2510          | 13.00         | 5.33 | 3    |
| 2510MHz_RB 1,#RB M              | Pass   | 2510          | 13.00         | 5.57 | 3    |
| 2510MHz_RB 1,#RB H              | Pass   | 2510          | 13.00         | 4.70 | 3    |
| 2535MHz_RB 100,#RB 0            | Pass   | 2535          | 13.00         | 5.74 | 3    |
| 2535MHz_RB 1,#RB L              | Pass   | 2535          | 13.00         | 5.33 | 3    |
| 2535MHz_RB 1,#RB M              | Pass   | 2535          | 13.00         | 4.38 | 3    |
| 2535MHz_RB 1,#RB H              | Pass   | 2535          | 13.00         | 4.87 | 3    |
| 2560MHz_RB 100,#RB 0            | Pass   | 2560          | 13.00         | 5.68 | 3    |
| 2560MHz_RB 1,#RB L              | Pass   | 2560          | 13.00         | 4.84 | 3    |
| 2560MHz_RB 1,#RB M              | Pass   | 2560          | 13.00         | 4.32 | 3    |
| 2560MHz_RB 1,#RB H              | Pass   | 2560          | 13.00         | 4.52 | 3    |
| Band 7_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 2510MHz_RB 100,#RB 0            | Pass   | 2510          | 13.00         | 6.38 | 3    |
| 2510MHz_RB 1,#RB L              | Pass   | 2510          | 13.00         | 6.72 | 3    |
| 2510MHz_RB 1,#RB M              | Pass   | 2510          | 13.00         | 4.99 | 3    |
| 2510MHz_RB 1,#RB H              | Pass   | 2510          | 13.00         | 5.62 | 3    |
| 2535MHz_RB 100,#RB 0            | Pass   | 2535          | 13.00         | 6.29 | 3    |
| 2535MHz_RB 1,#RB L              | Pass   | 2535          | 13.00         | 6.58 | 3    |
| 2535MHz_RB 1,#RB M              | Pass   | 2535          | 13.00         | 5.59 | 3    |
| 2535MHz_RB 1,#RB H              | Pass   | 2535          | 13.00         | 5.94 | 3    |
| 2560MHz_RB 100,#RB 0            | Pass   | 2560          | 13.00         | 6.23 | 3    |
| 2560MHz_RB 1,#RB L              | Pass   | 2560          | 13.00         | 5.86 | 3    |
| 2560MHz_RB 1,#RB M              | Pass   | 2560          | 13.00         | 6.55 | 3    |
| 2560MHz_RB 1,#RB H              | Pass   | 2560          | 13.00         | 5.59 | 3    |

Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

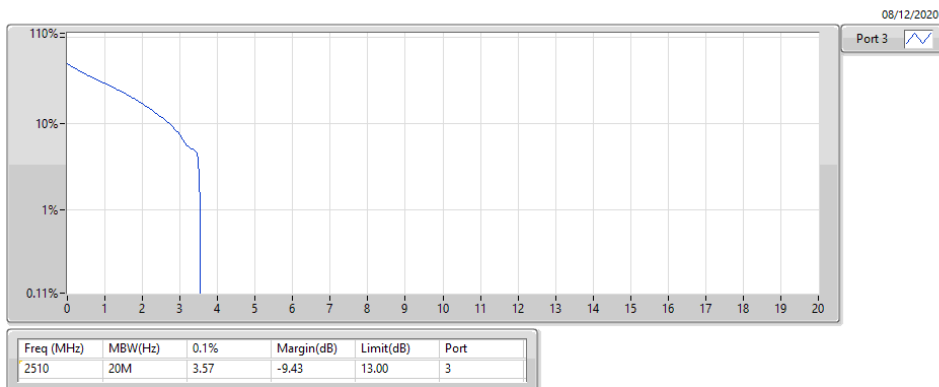
**2510MHz\_QPSK\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

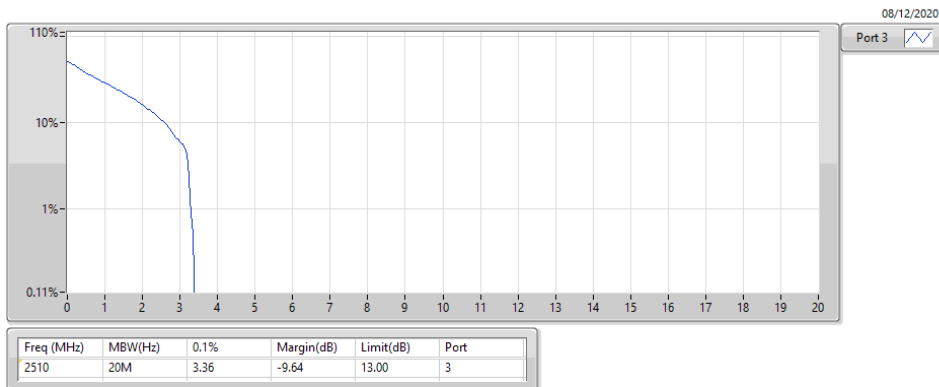
**2510MHz\_QPSK\_RB 1,#RB L**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**2510MHz\_QPSK\_RB 1,#RB M**

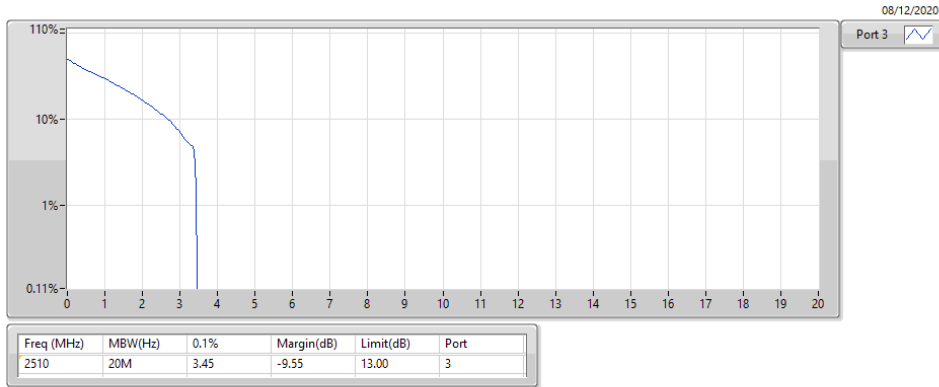


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

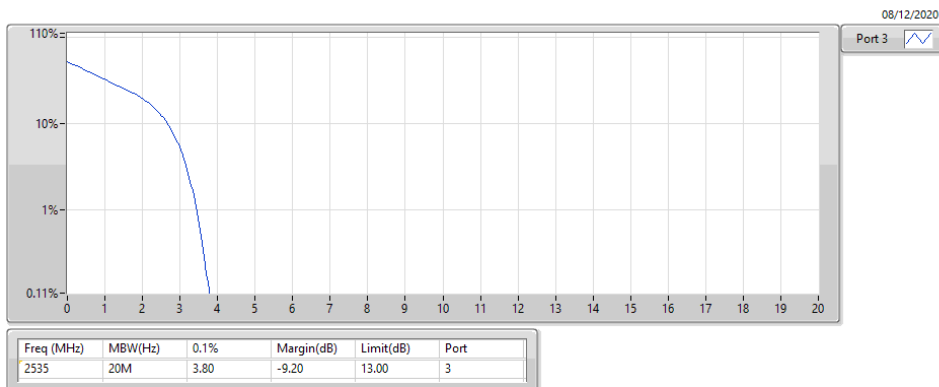
**2510MHz\_QPSK\_RB 1,#RB H**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

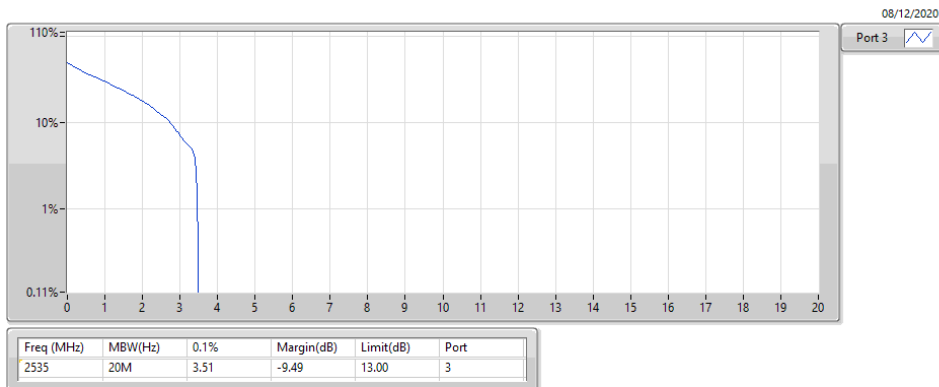
**2535MHz\_QPSK\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

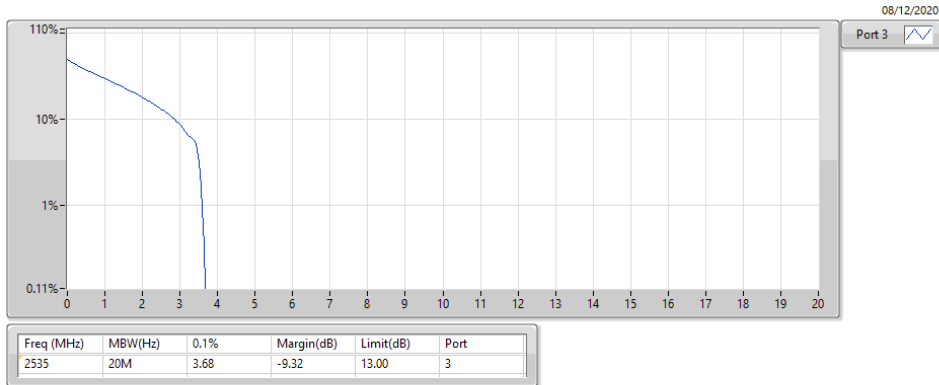
**2535MHz\_QPSK\_RB 1,#RB L**



Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

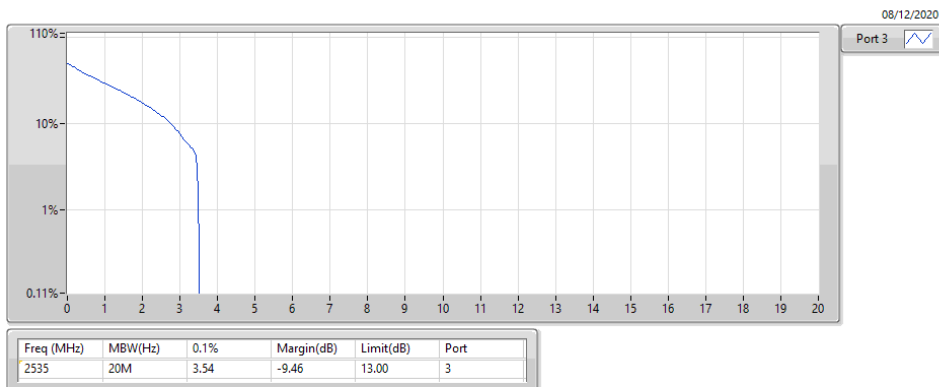
**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2535MHz\_QPSK\_RB 1,#RB M**

PAR



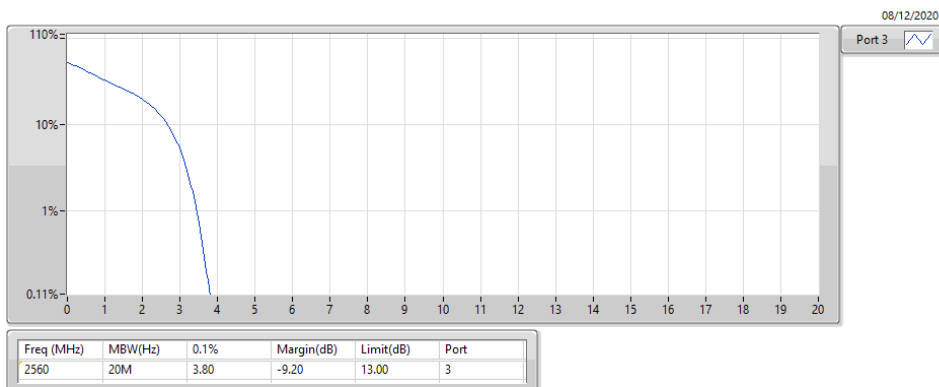
**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2535MHz\_QPSK\_RB 1,#RB H**

PAR



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2560MHz\_QPSK\_RB 100,#RB 0**

PAR

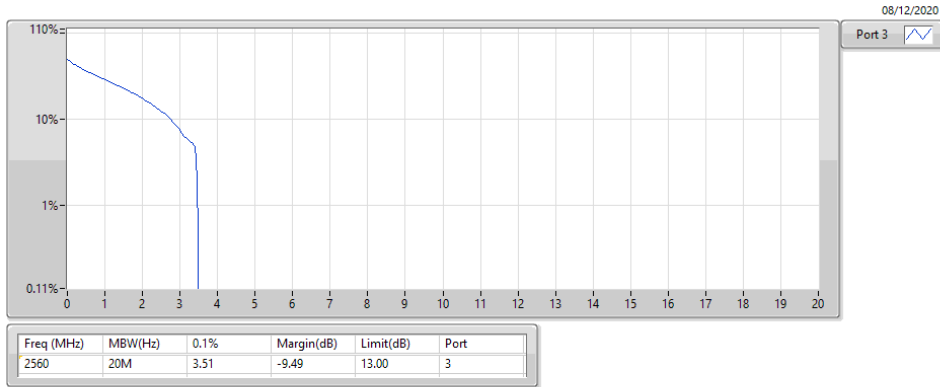


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

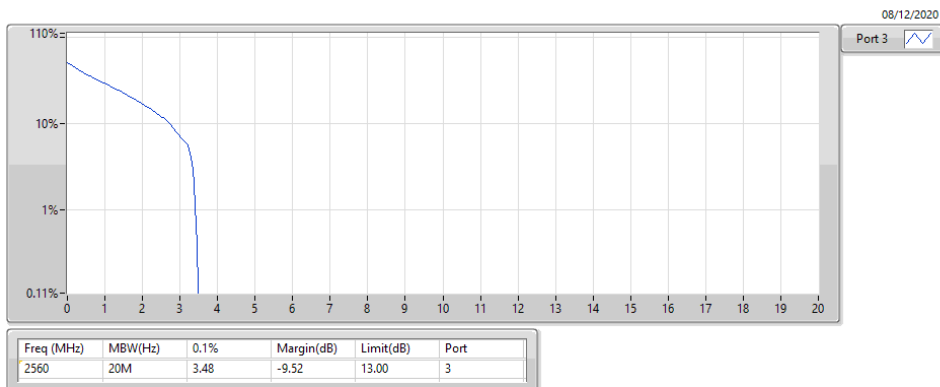
**2560MHz\_QPSK\_RB 1,#RB L**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

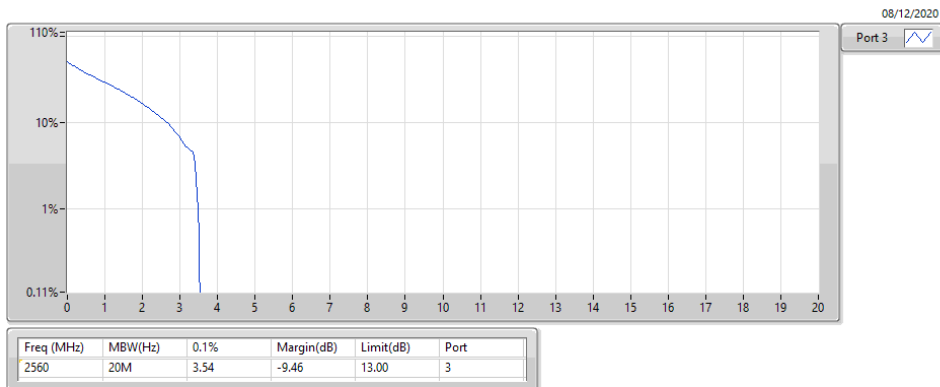
**2560MHz\_QPSK\_RB 1,#RB M**



**Band 7\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**2560MHz\_QPSK\_RB 1,#RB H**



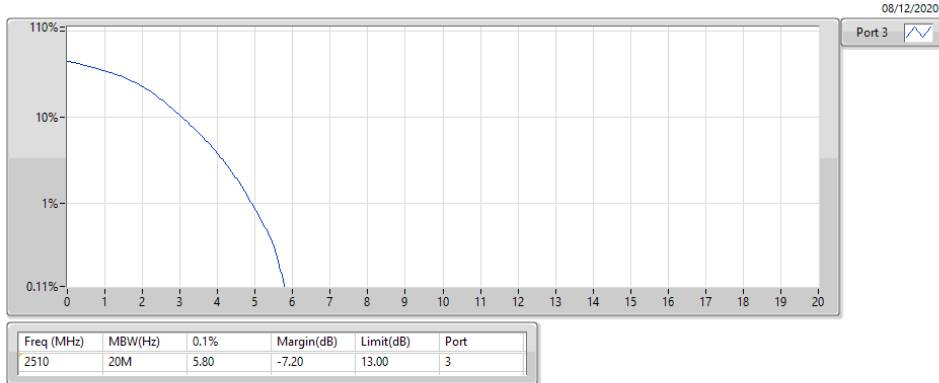


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

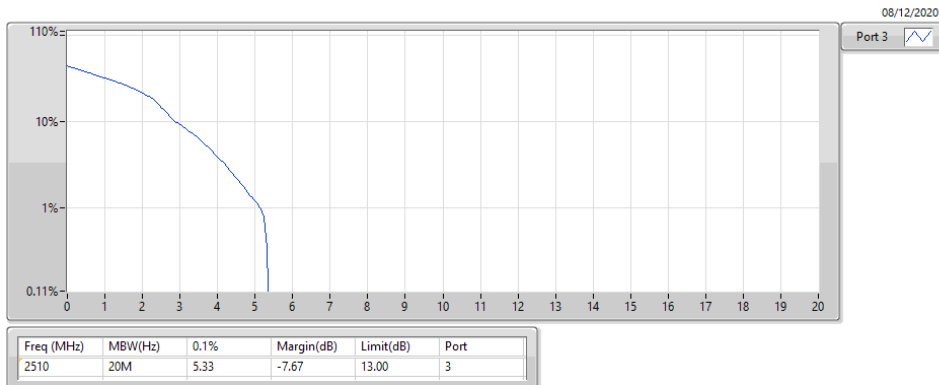
**2510MHz\_16QAM\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

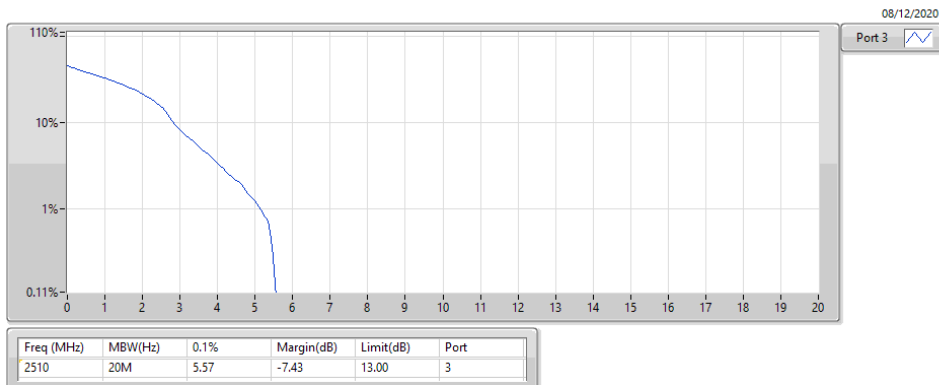
**2510MHz\_16QAM\_RB 1,#RB L**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2510MHz\_16QAM\_RB 1,#RB M**

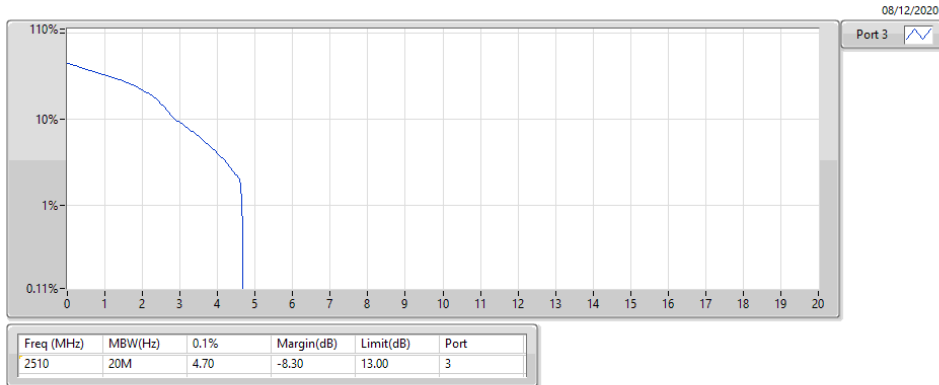


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

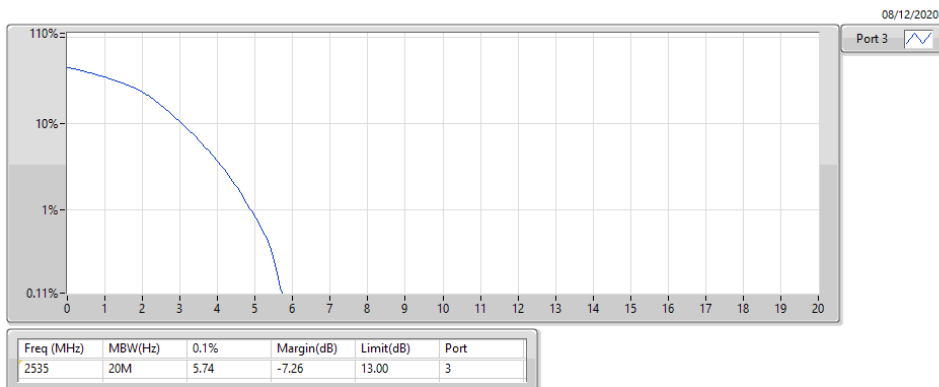
**2510MHz\_16QAM\_RB 1,#RB H**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

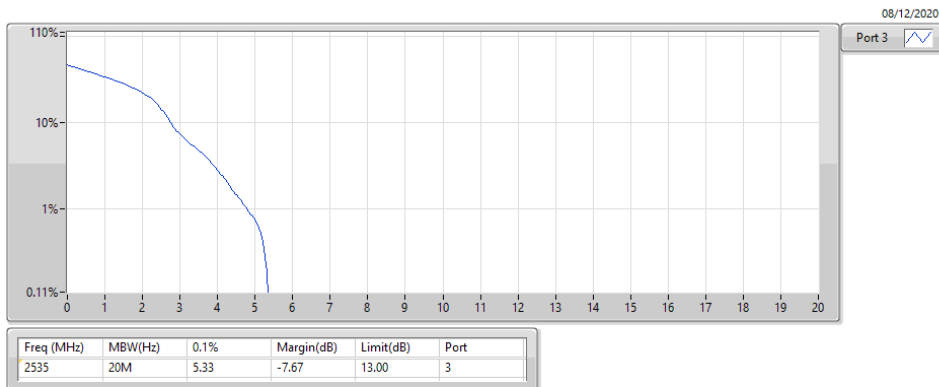
**2535MHz\_16QAM\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2535MHz\_16QAM\_RB 1,#RB L**

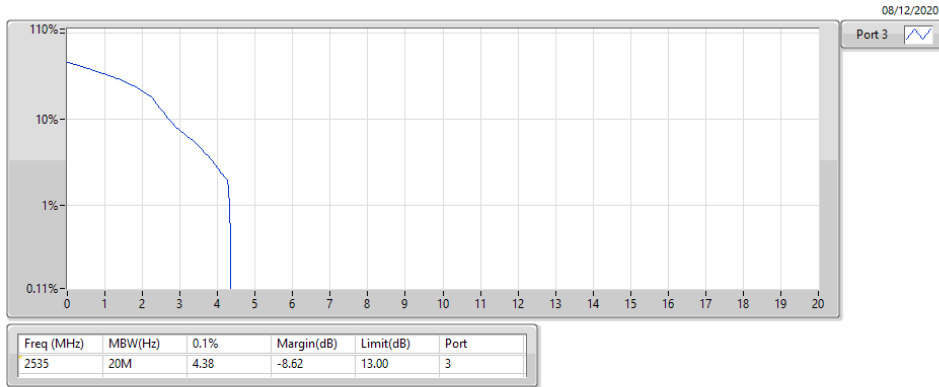


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

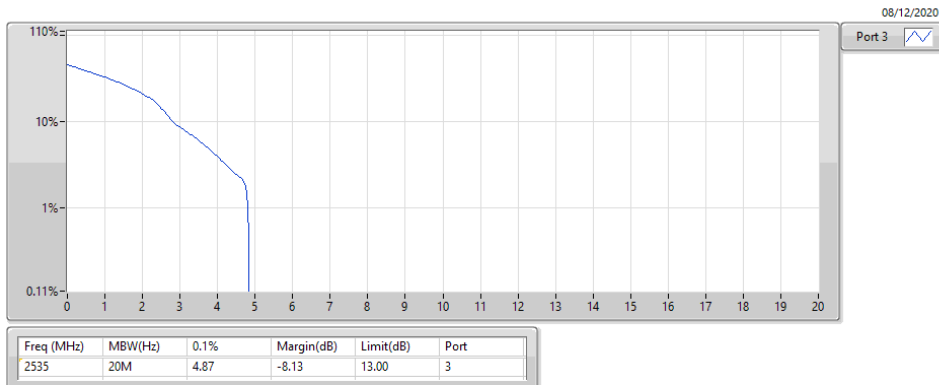
**2535MHz\_16QAM\_RB 1,#RB M**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

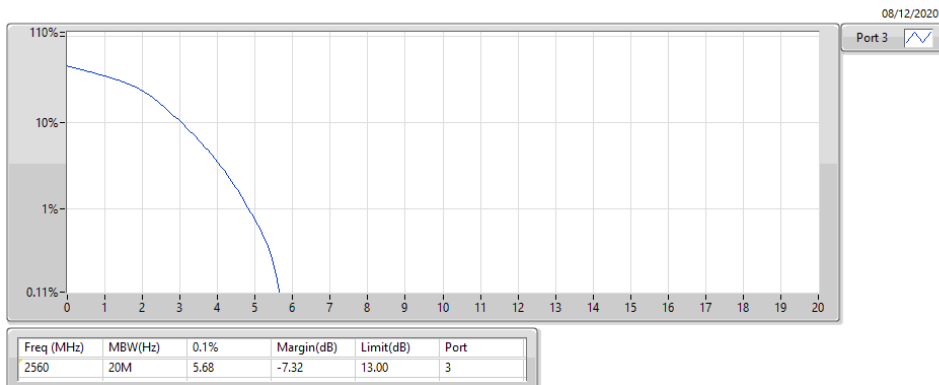
**2535MHz\_16QAM\_RB 1,#RB H**



**Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2560MHz\_16QAM\_RB 100,#RB 0**

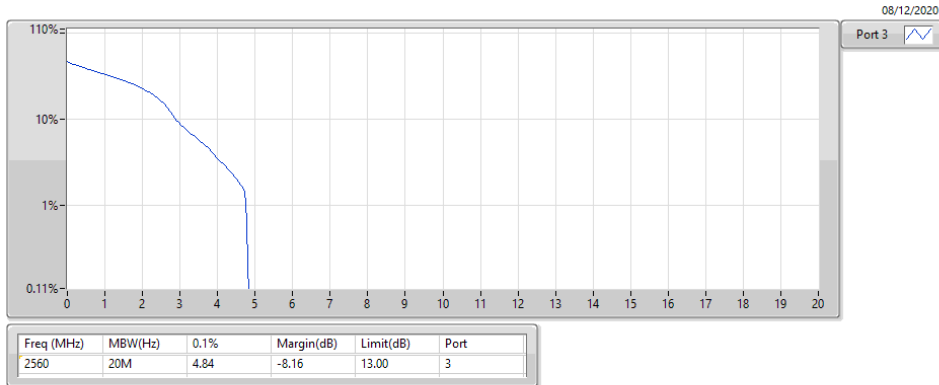


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX

PAR

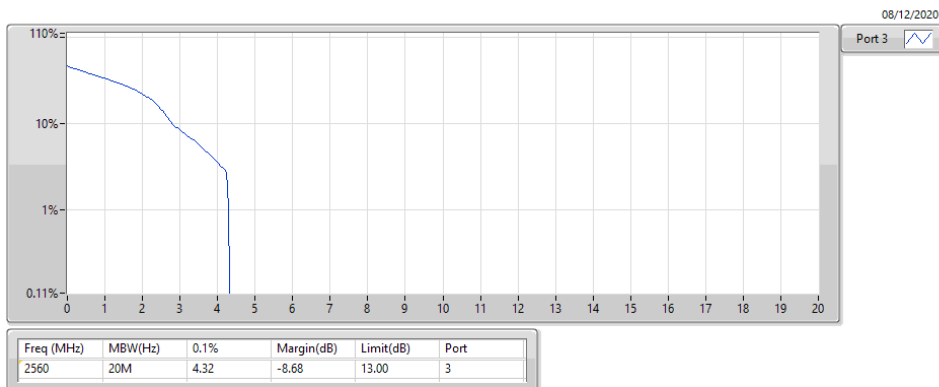
2560MHz\_16QAM\_RB 1,#RB L



Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX

PAR

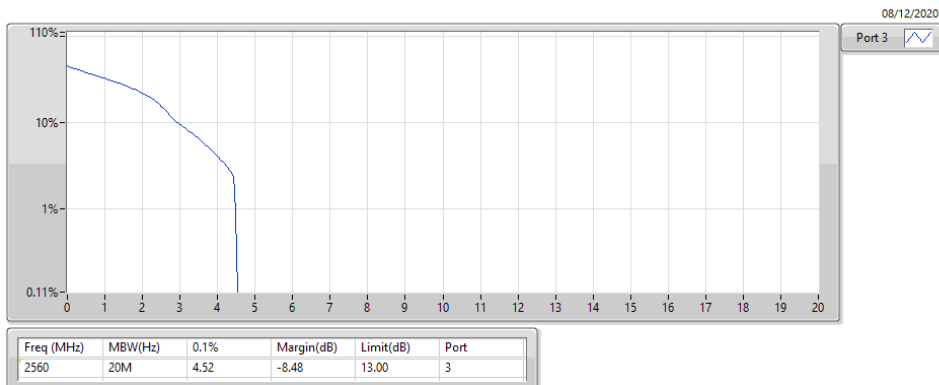
2560MHz\_16QAM\_RB 1,#RB M



Band 7\_LTE\_20MHz\_Nss1,16QAM\_1TX

PAR

2560MHz\_16QAM\_RB 1,#RB H

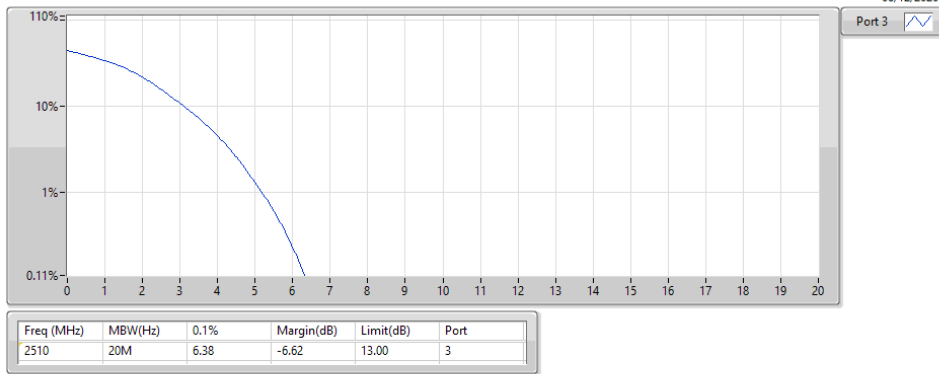


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

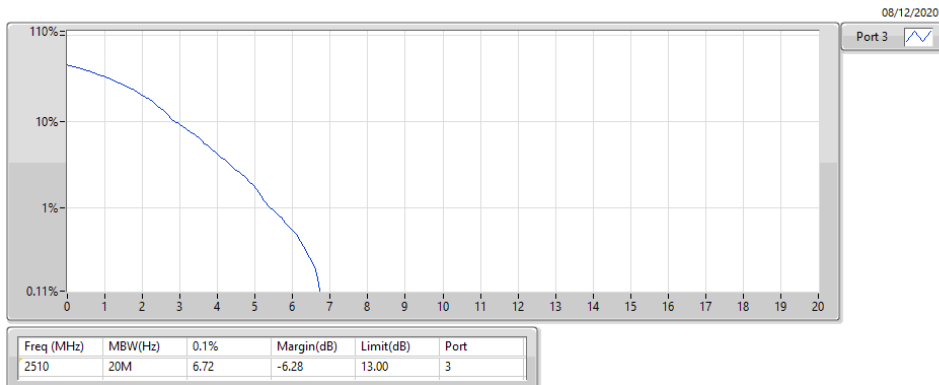
**2510MHz\_64QAM\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

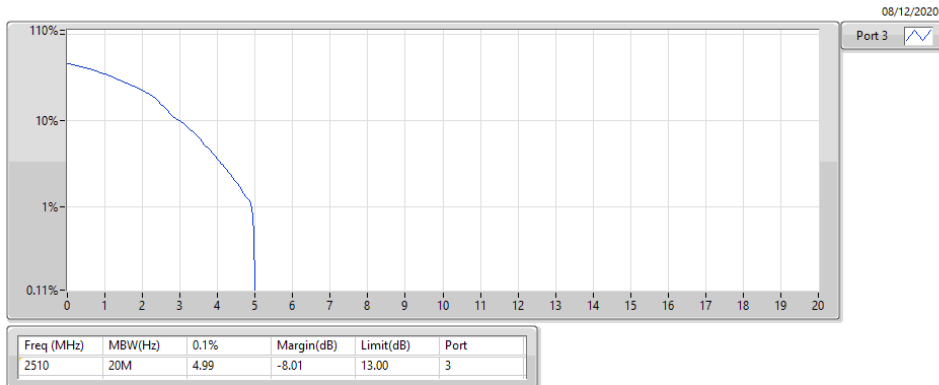
**2510MHz\_64QAM\_RB 1,#RB L**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2510MHz\_64QAM\_RB 1,#RB M**

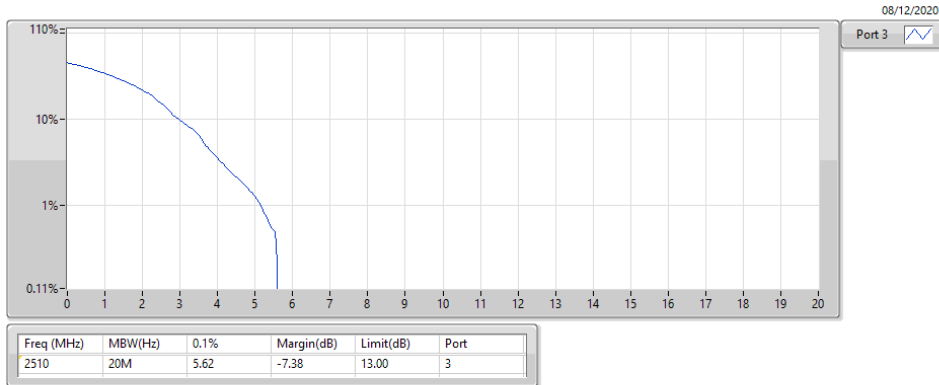


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

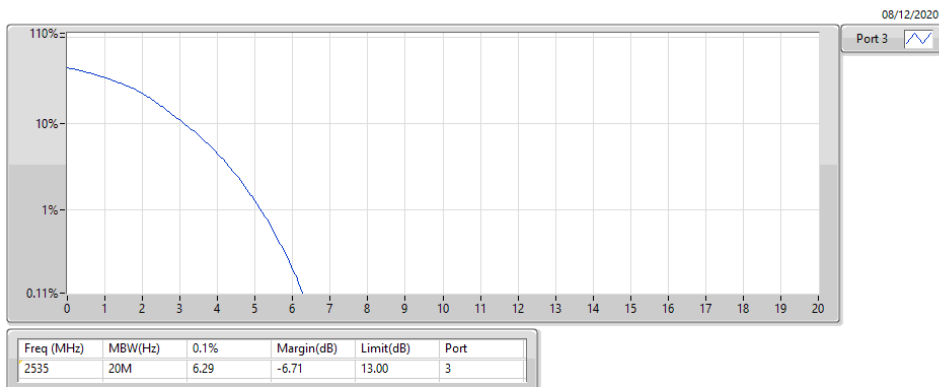
**2510MHz\_64QAM\_RB 1,#RB H**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

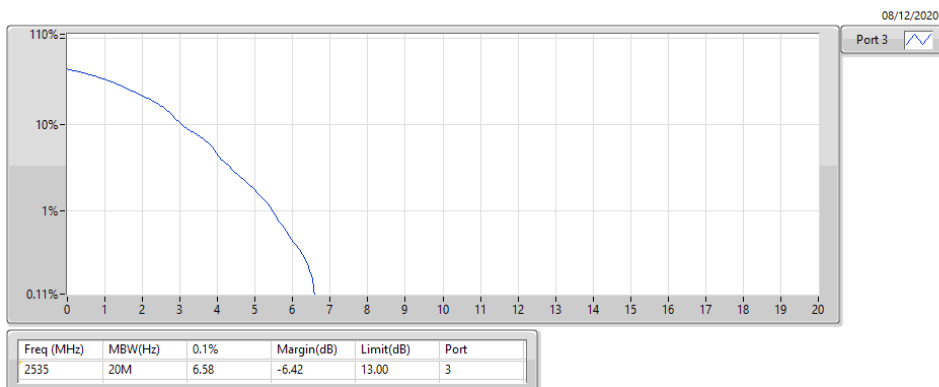
**2535MHz\_64QAM\_RB 100,#RB 0**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2535MHz\_64QAM\_RB 1,#RB L**

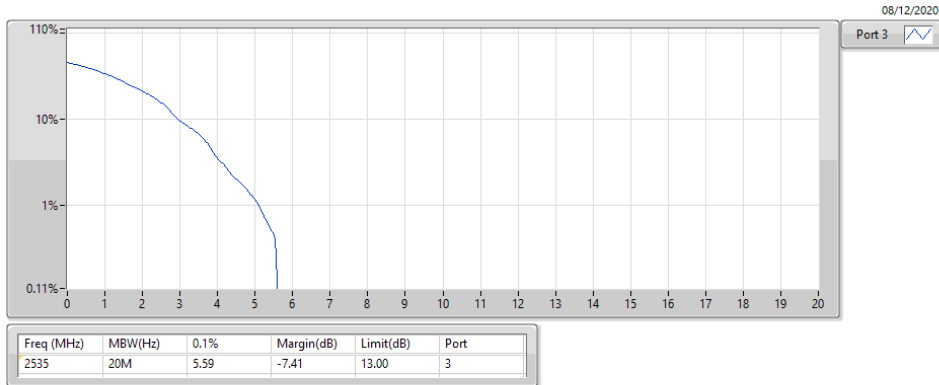


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

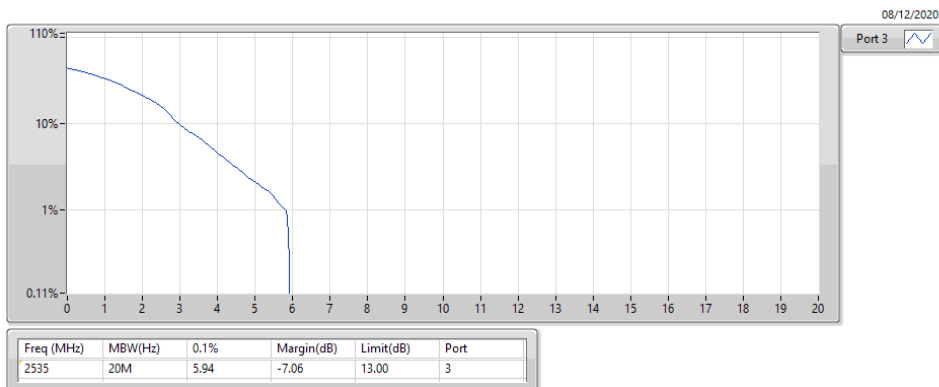
**2535MHz\_64QAM\_RB 1,#RB M**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

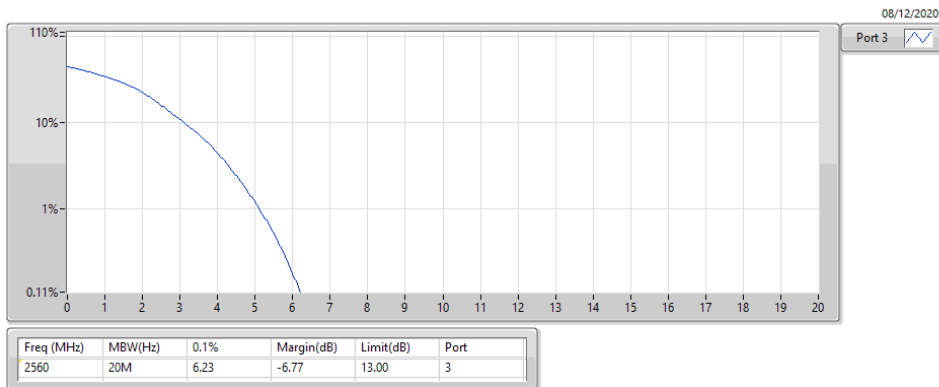
**2535MHz\_64QAM\_RB 1,#RB H**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2560MHz\_64QAM\_RB 100,#RB 0**

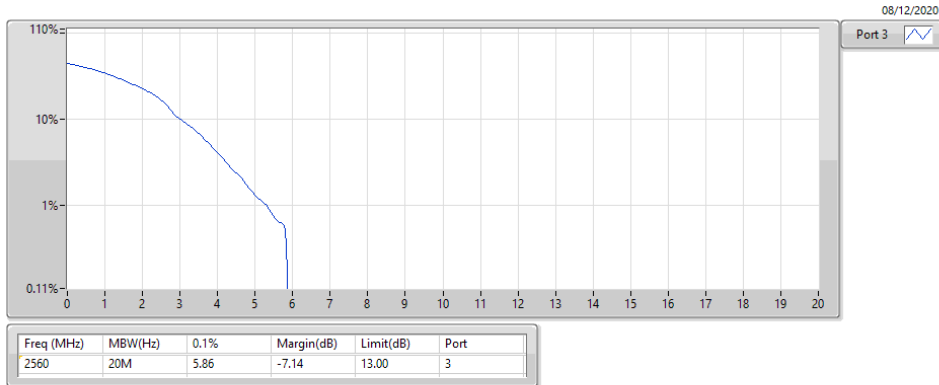


Test Mode: Mode 7 / EUT 2 + Set 3 antenna (LTE Band 7)

**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

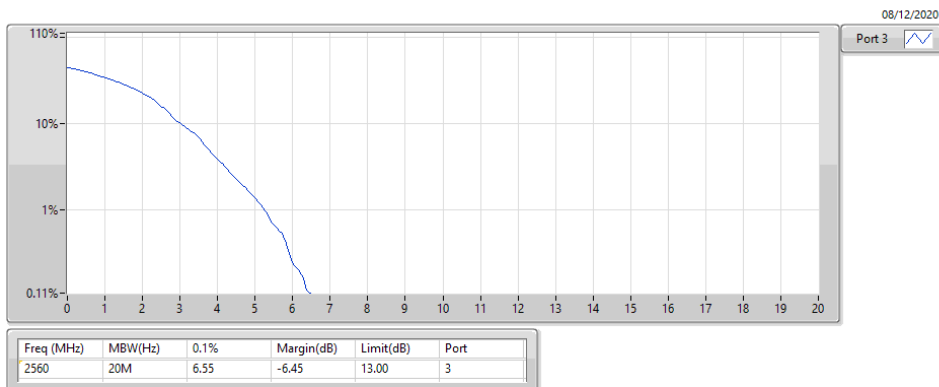
**2560MHz\_64QAM\_RB 1,#RB L**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

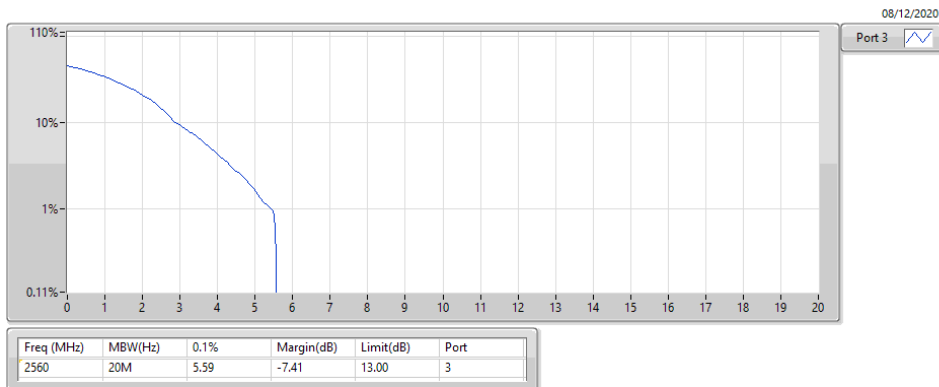
**2560MHz\_64QAM\_RB 1,#RB M**



**Band 7\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2560MHz\_64QAM\_RB 1,#RB H**







## Peak to Average Power Ratio (PAPR)

## Appendix B.8

Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 12                  | -      | -             | -             | -    | -    |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 704           | 13.00         | 4.58 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 704           | 13.00         | 5.91 | 1    |
| LTE_10MHz_Nss1,64QAM_1TX | Pass   | 704           | 13.00         | 7.36 | 1    |



Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Result**

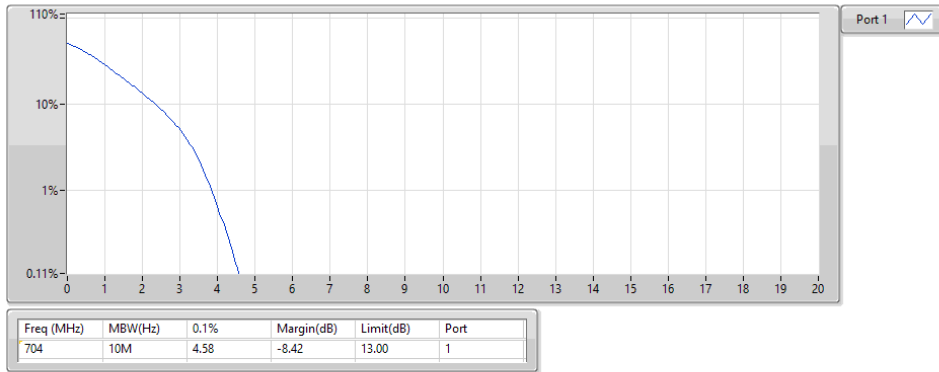
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 12_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 704MHz_RB 50,#RB 0               | Pass   | 704           | 13.00         | 4.58 | 1    |
| 704MHz_RB 1,#RB L                | Pass   | 704           | 13.00         | 3.57 | 1    |
| 704MHz_RB 1,#RB M                | Pass   | 704           | 13.00         | 3.48 | 1    |
| 704MHz_RB 1,#RB H                | Pass   | 704           | 13.00         | 3.57 | 1    |
| 707.5MHz_RB 50,#RB 0             | Pass   | 707.5         | 13.00         | 4.58 | 1    |
| 707.5MHz_RB 1,#RB L              | Pass   | 707.5         | 13.00         | 3.51 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 3.54 | 1    |
| 707.5MHz_RB 1,#RB H              | Pass   | 707.5         | 13.00         | 3.48 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 4.41 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 3.59 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 3.51 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 3.33 | 1    |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 704MHz_RB 50,#RB 0               | Pass   | 704           | 13.00         | 5.91 | 1    |
| 704MHz_RB 1,#RB L                | Pass   | 704           | 13.00         | 5.54 | 1    |
| 704MHz_RB 1,#RB M                | Pass   | 704           | 13.00         | 4.41 | 1    |
| 704MHz_RB 1,#RB H                | Pass   | 704           | 13.00         | 5.45 | 1    |
| 707.5MHz_RB 50,#RB 0             | Pass   | 707.5         | 13.00         | 5.88 | 1    |
| 707.5MHz_RB 1,#RB L              | Pass   | 707.5         | 13.00         | 4.41 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 5.36 | 1    |
| 707.5MHz_RB 1,#RB H              | Pass   | 707.5         | 13.00         | 4.81 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 5.62 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 5.48 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 4.81 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 4.20 | 1    |
| Band 12_LTE_10MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 704MHz_RB 50,#RB 0               | Pass   | 704           | 13.00         | 6.55 | 1    |
| 704MHz_RB 1,#RB L                | Pass   | 704           | 13.00         | 7.36 | 1    |
| 704MHz_RB 1,#RB M                | Pass   | 704           | 13.00         | 5.59 | 1    |
| 704MHz_RB 1,#RB H                | Pass   | 704           | 13.00         | 6.35 | 1    |
| 707.5MHz_RB 50,#RB 0             | Pass   | 707.5         | 13.00         | 6.46 | 1    |
| 707.5MHz_RB 1,#RB L              | Pass   | 707.5         | 13.00         | 5.39 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 6.29 | 1    |
| 707.5MHz_RB 1,#RB H              | Pass   | 707.5         | 13.00         | 5.74 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 6.55 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 6.32 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 5.51 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 5.39 | 1    |

Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

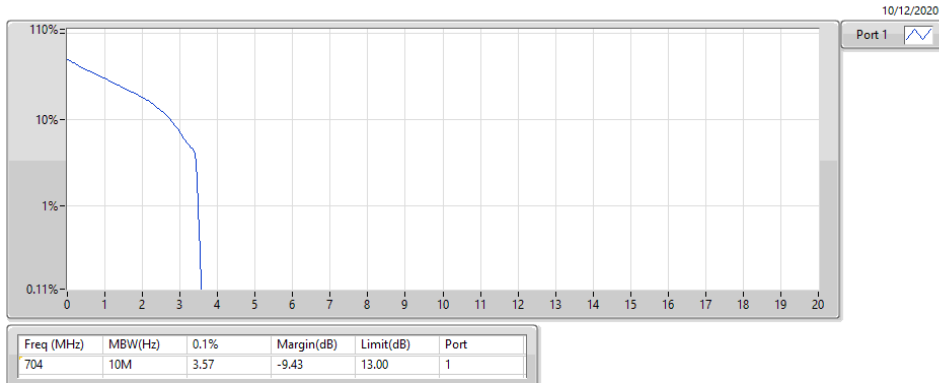
**704MHz\_QPSK\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

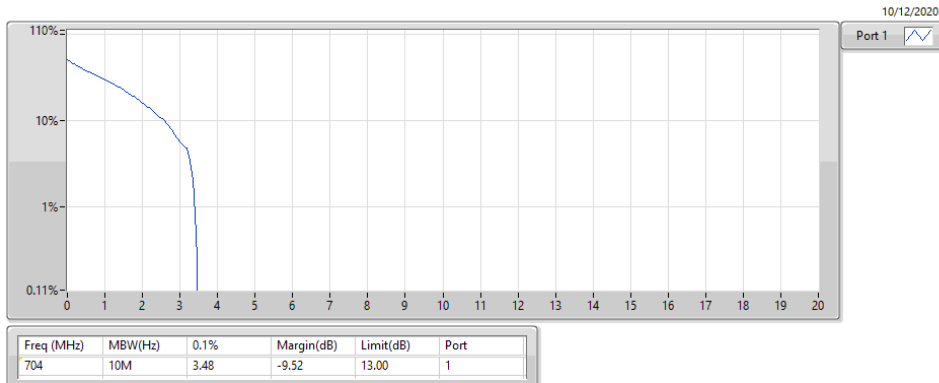
**704MHz\_QPSK\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**704MHz\_QPSK\_RB 1,#RB M**

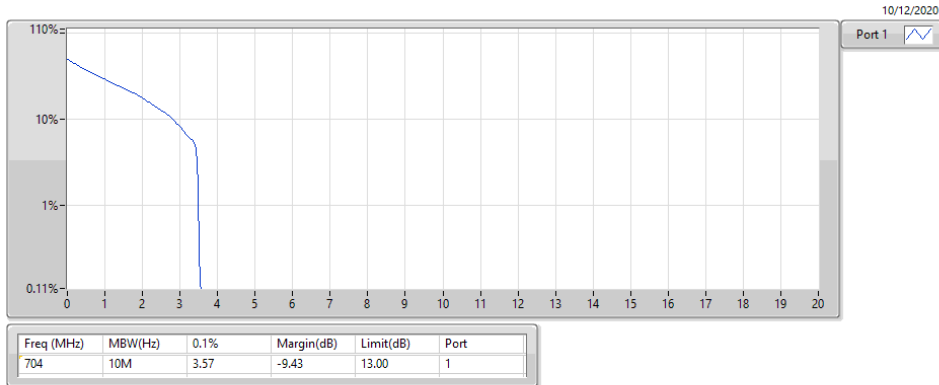


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

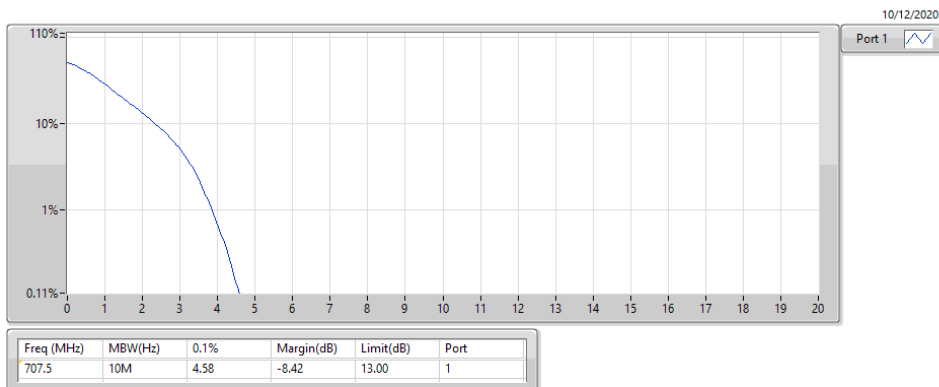
**704MHz\_QPSK\_RB 1,#RB H**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

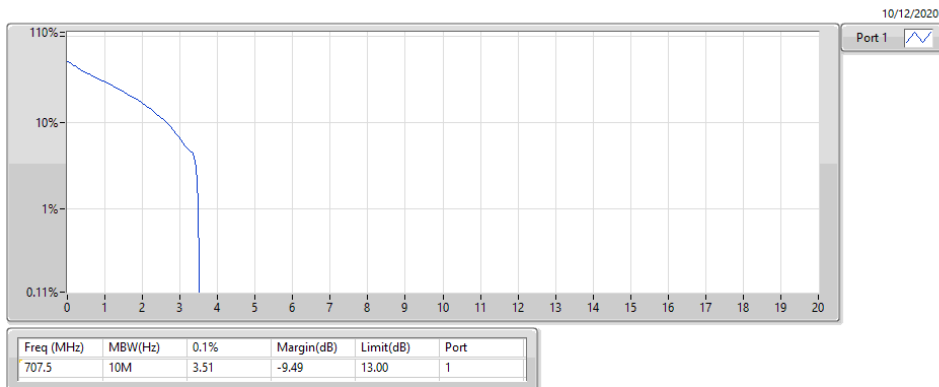
**707.5MHz\_QPSK\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**707.5MHz\_QPSK\_RB 1,#RB L**

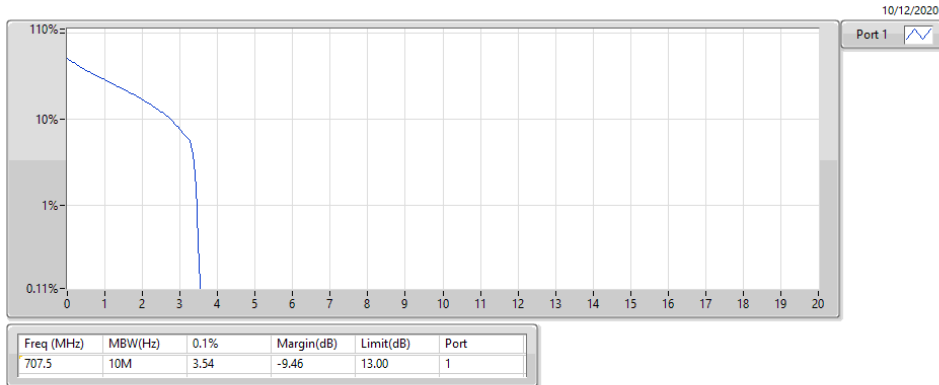


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX

PAR

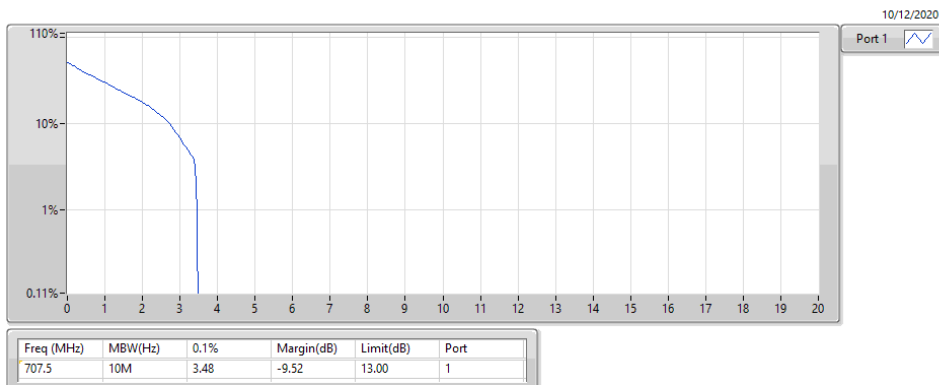
707.5MHz\_QPSK\_RB 1,#RB M



Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX

PAR

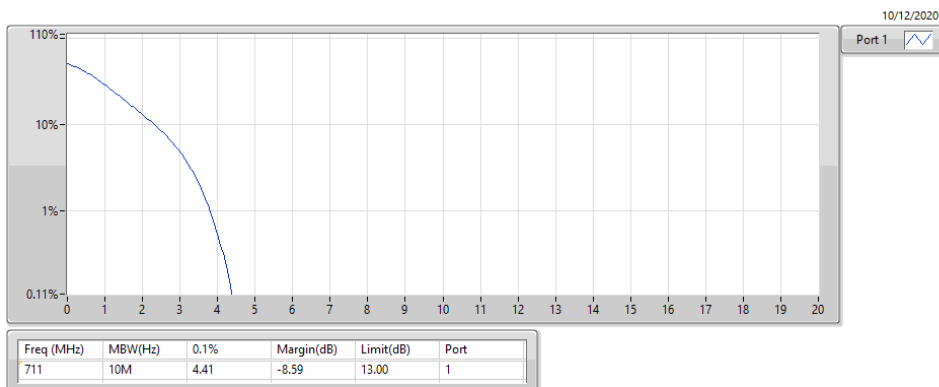
707.5MHz\_QPSK\_RB 1,#RB H



Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX

PAR

711MHz\_QPSK\_RB 50,#RB 0

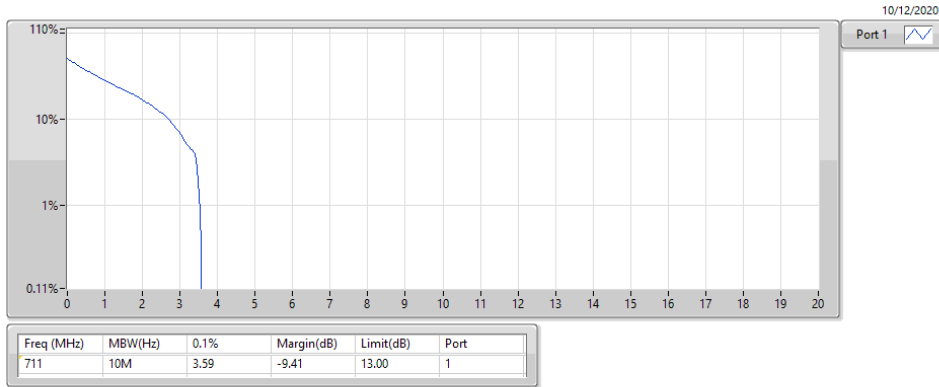


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

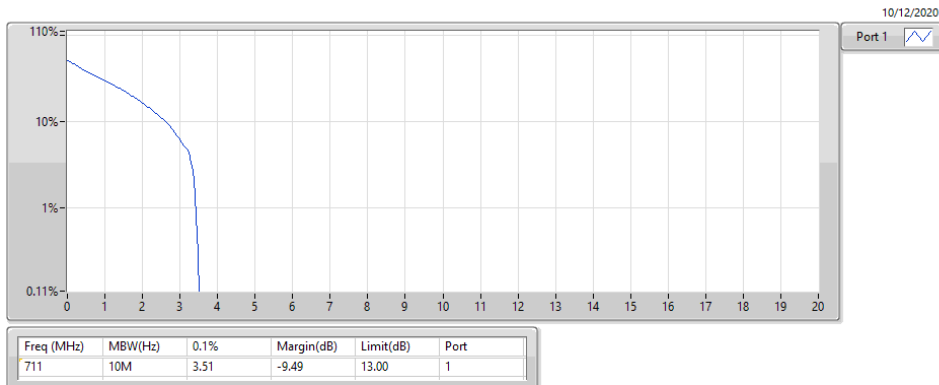
**711MHz\_QPSK\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

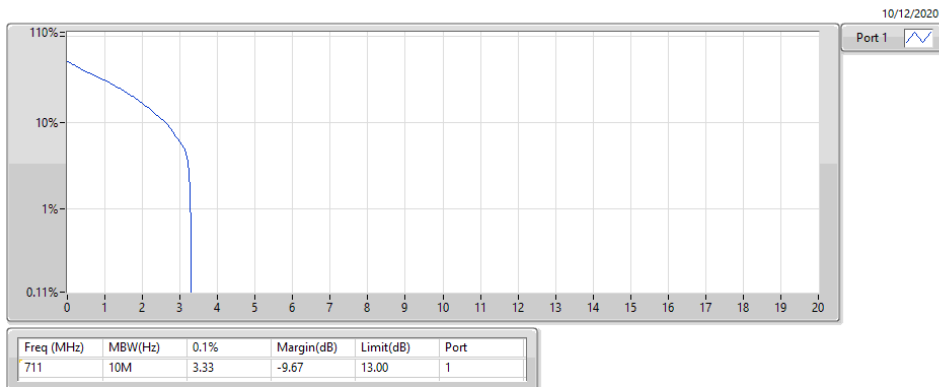
**711MHz\_QPSK\_RB 1,#RB M**



**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**711MHz\_QPSK\_RB 1,#RB H**

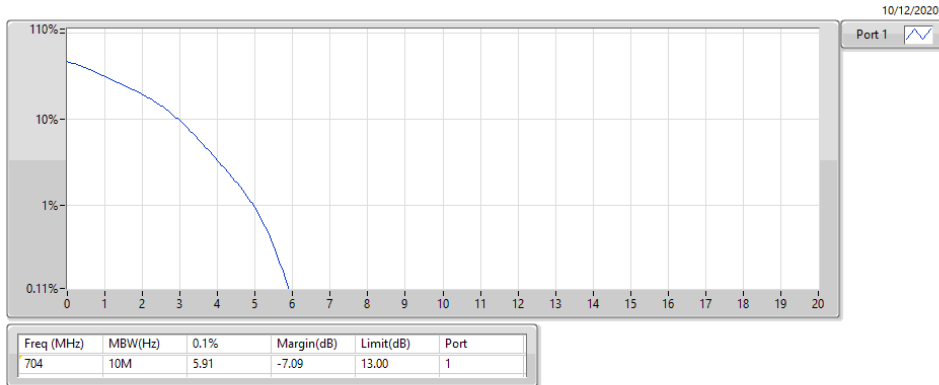


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

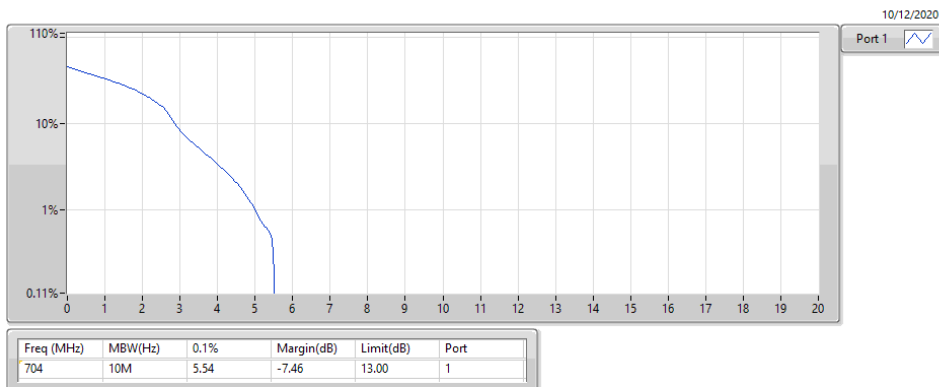
**704MHz\_16QAM\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

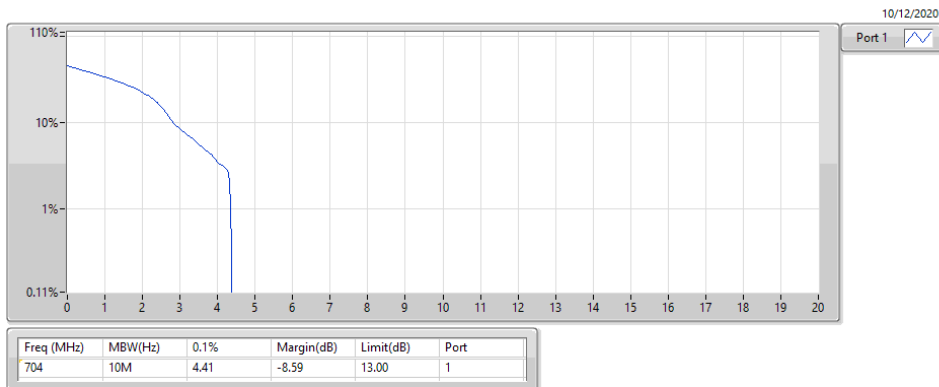
**704MHz\_16QAM\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**704MHz\_16QAM\_RB 1,#RB M**

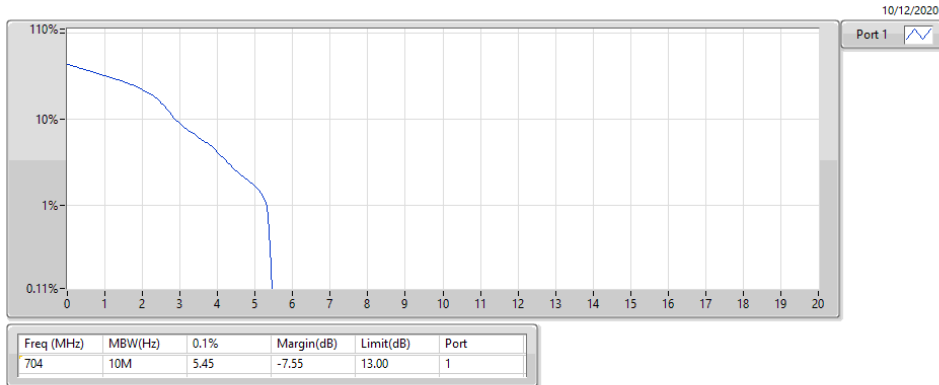


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

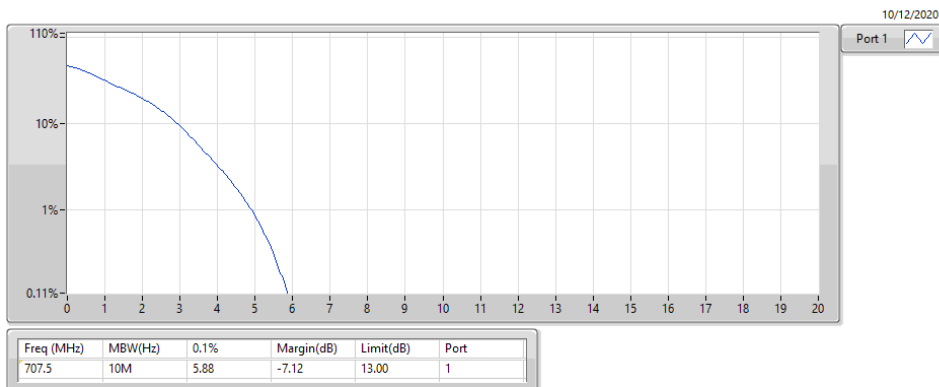
**704MHz\_16QAM\_RB 1,#RB H**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

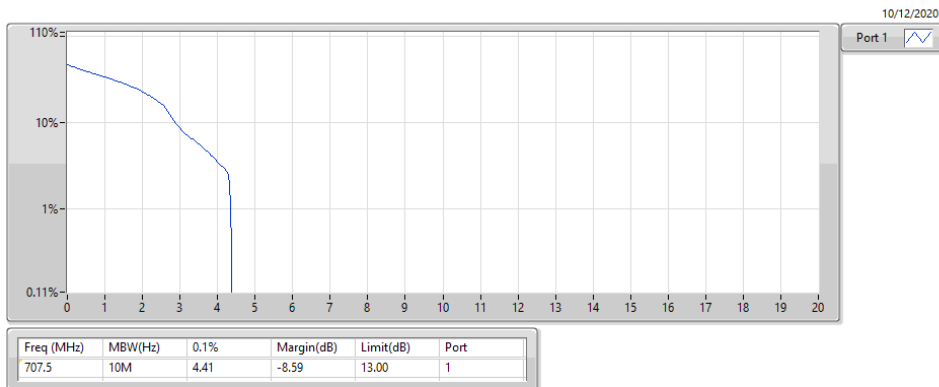
**707.5MHz\_16QAM\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**707.5MHz\_16QAM\_RB 1,#RB L**



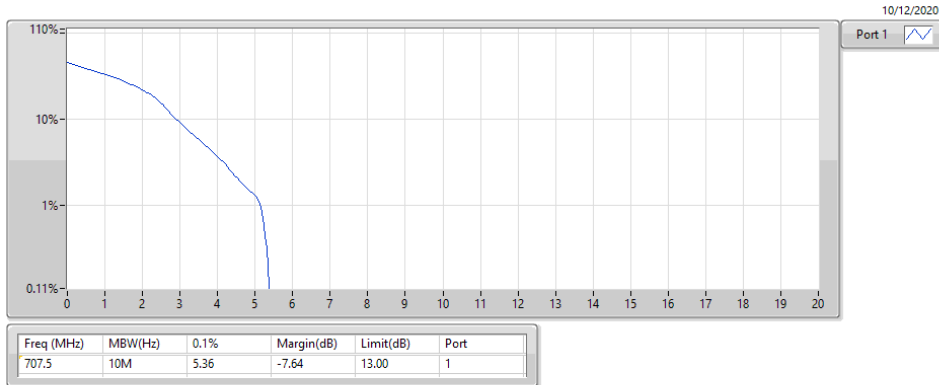


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

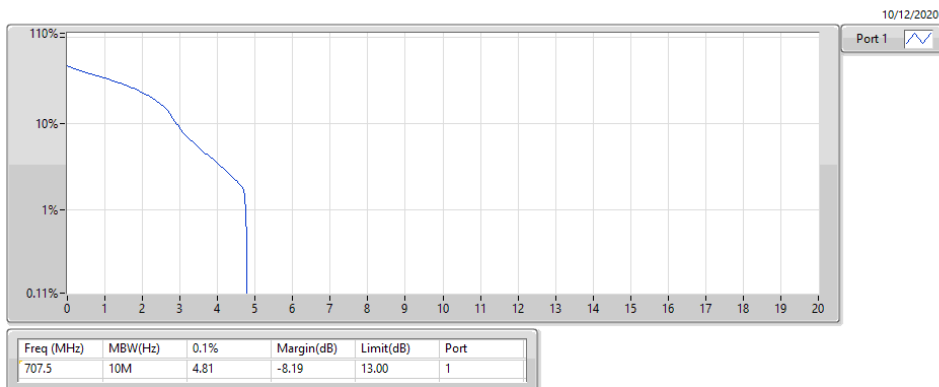
**707.5MHz\_16QAM\_RB 1,#RB M**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

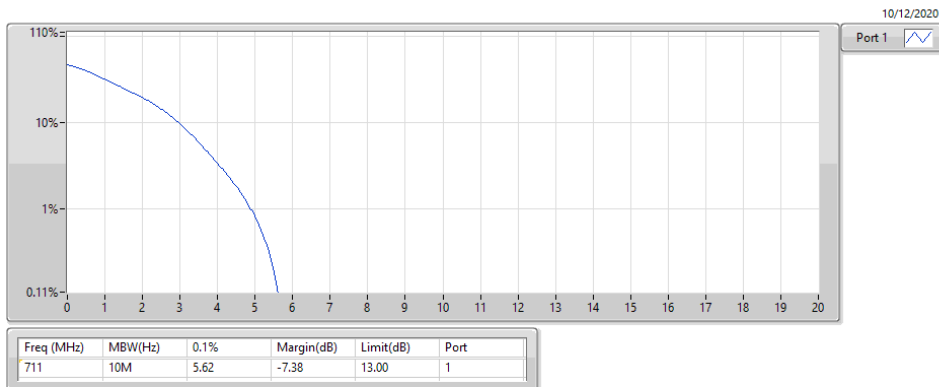
**707.5MHz\_16QAM\_RB 1,#RB H**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**711MHz\_16QAM\_RB 50,#RB 0**

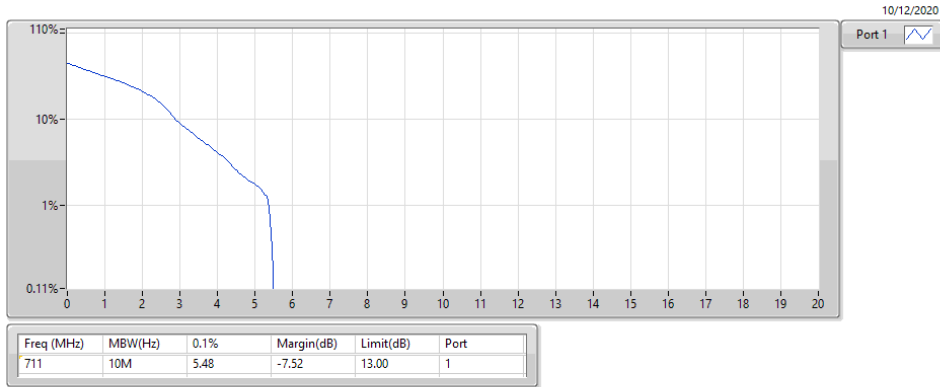


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

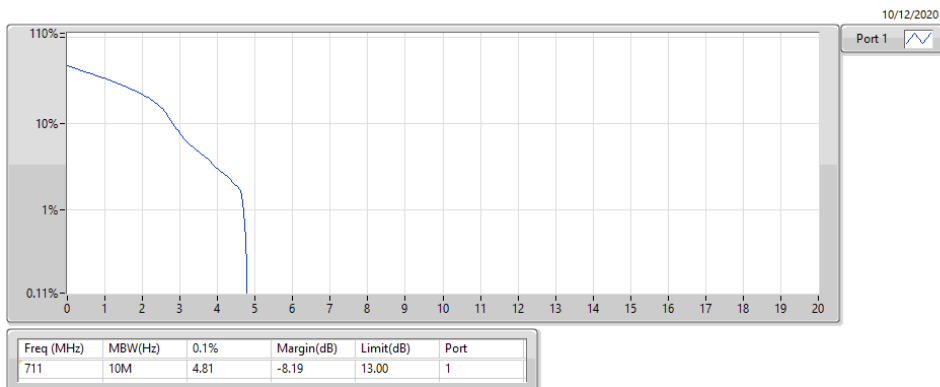
**711MHz\_16QAM\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

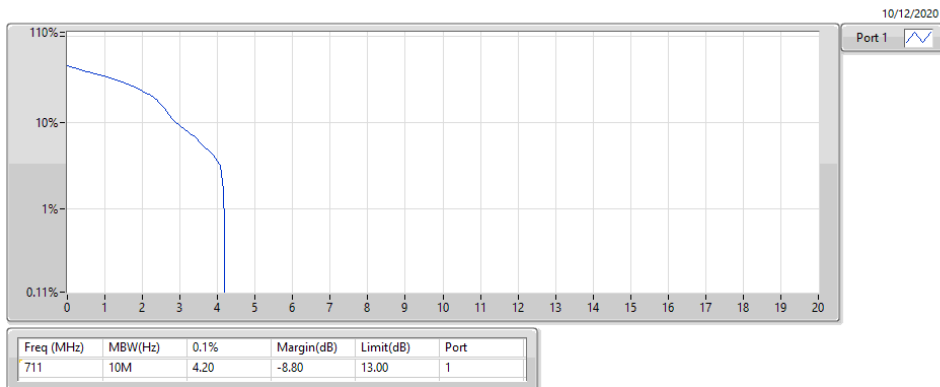
**711MHz\_16QAM\_RB 1,#RB M**



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**711MHz\_16QAM\_RB 1,#RB H**

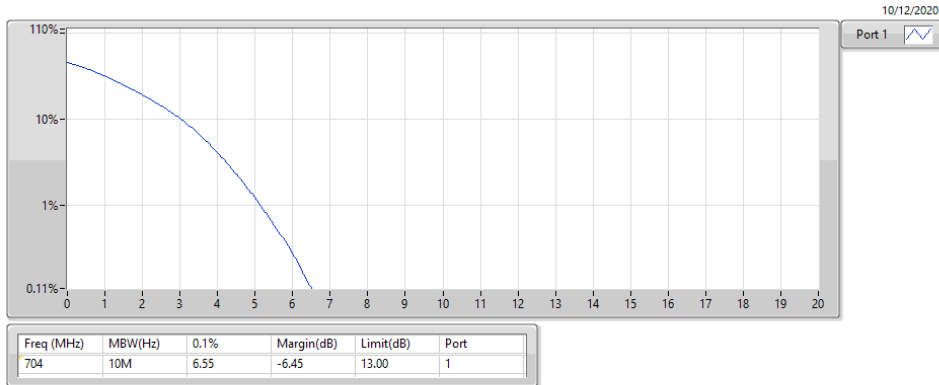


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

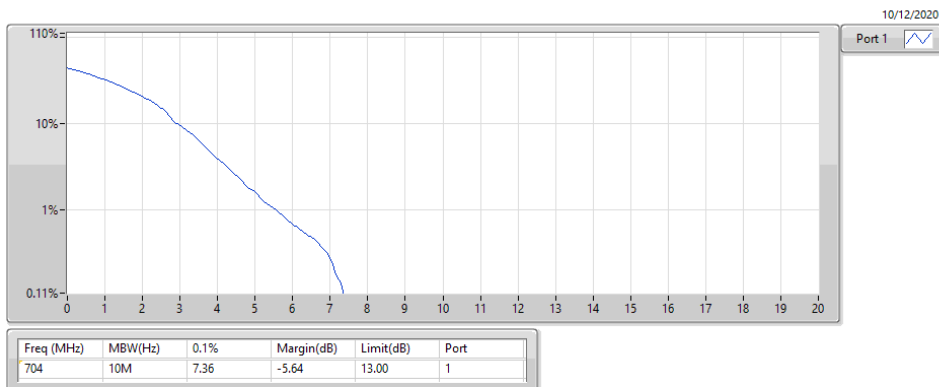
**704MHz\_64QAM\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

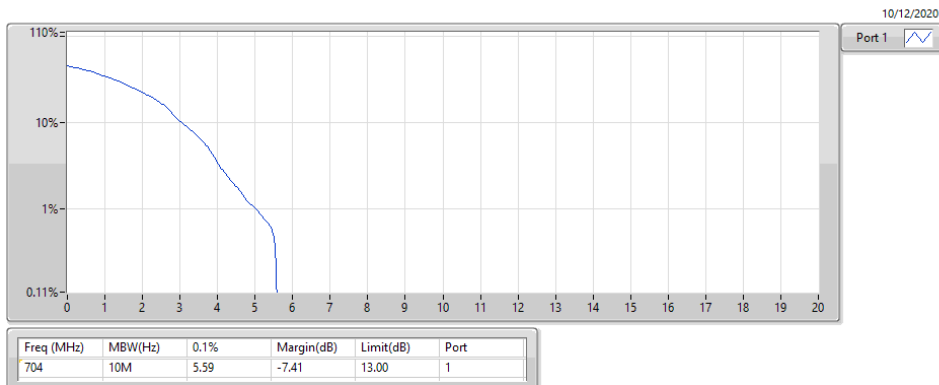
**704MHz\_64QAM\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**704MHz\_64QAM\_RB 1,#RB M**

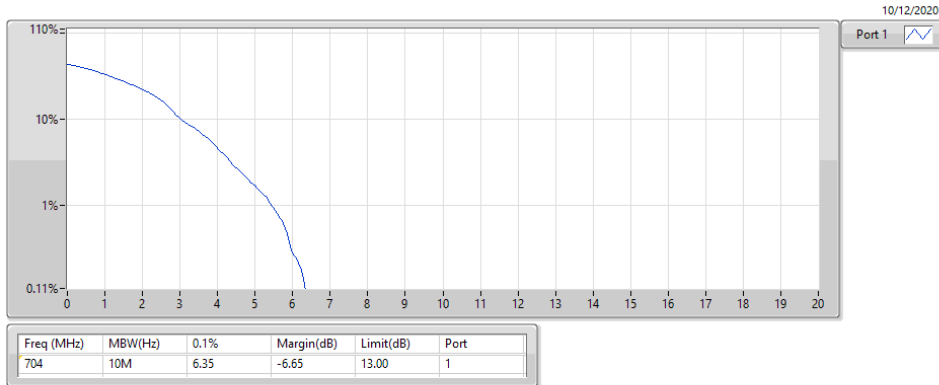


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

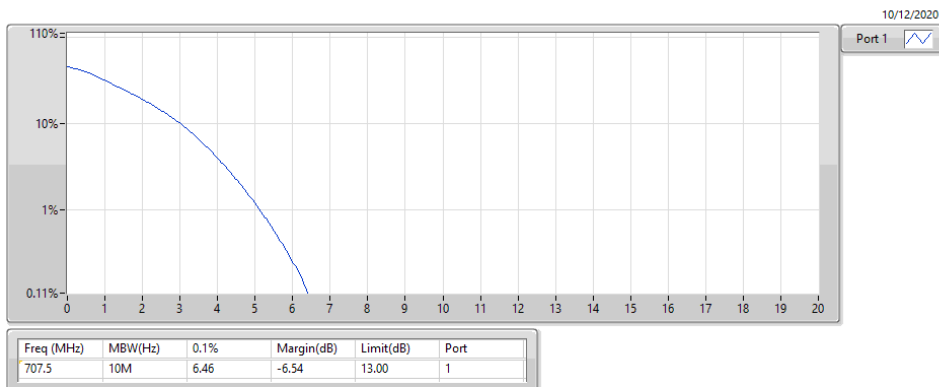
**704MHz\_64QAM\_RB 1,#RB H**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

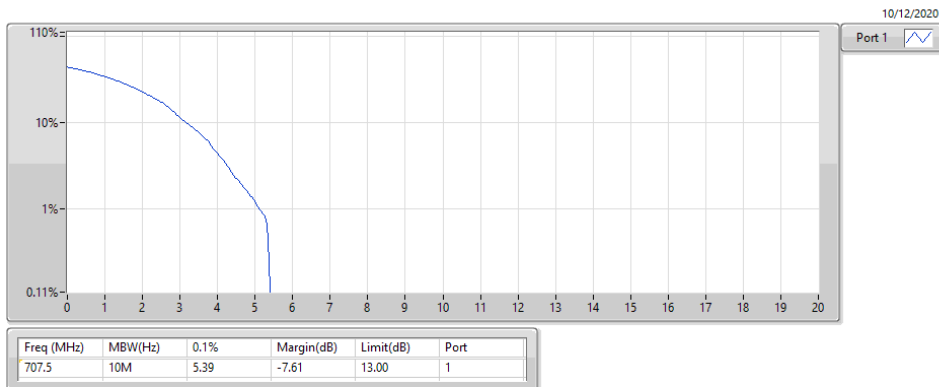
**707.5MHz\_64QAM\_RB 50,#RB 0**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**707.5MHz\_64QAM\_RB 1,#RB L**

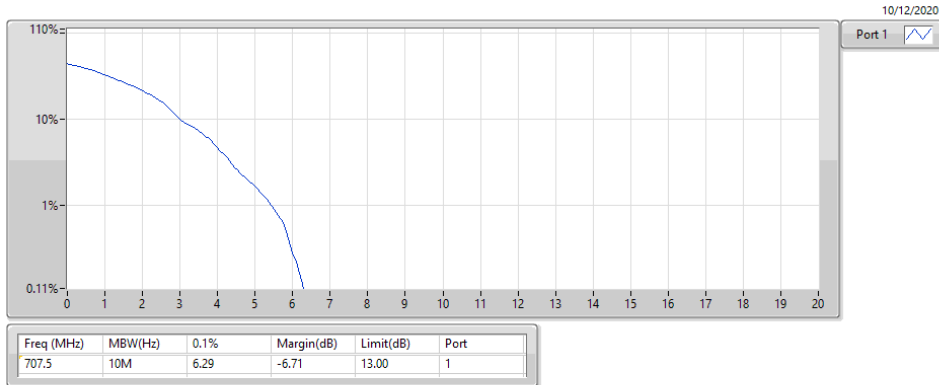


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

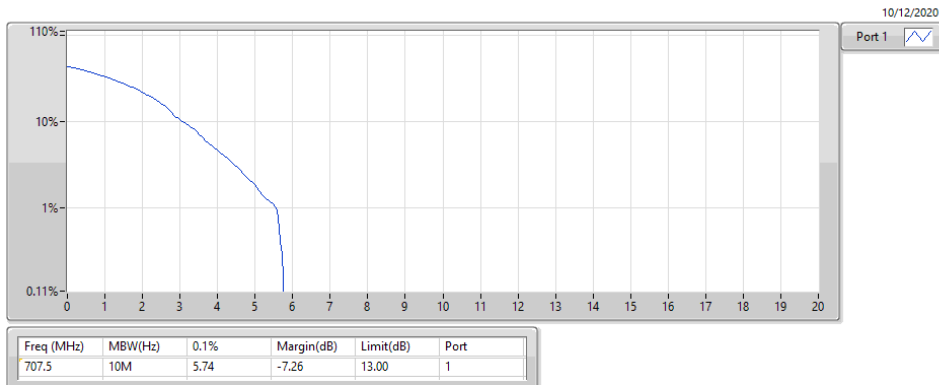
**707.5MHz\_64QAM\_RB 1,#RB M**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

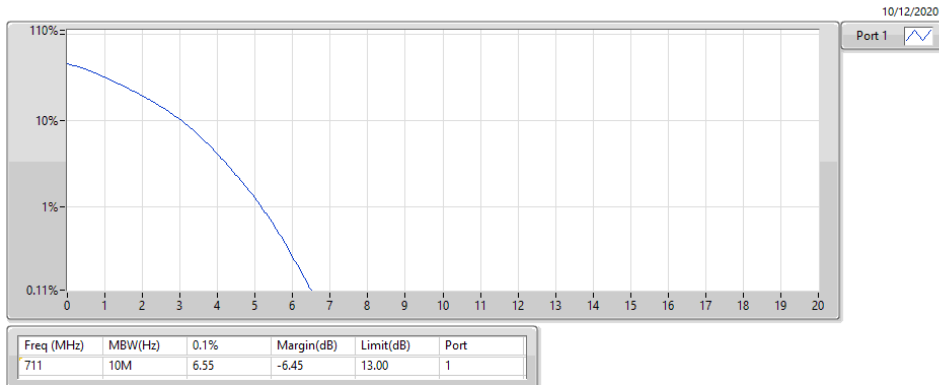
**707.5MHz\_64QAM\_RB 1,#RB H**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**711MHz\_64QAM\_RB 50,#RB 0**

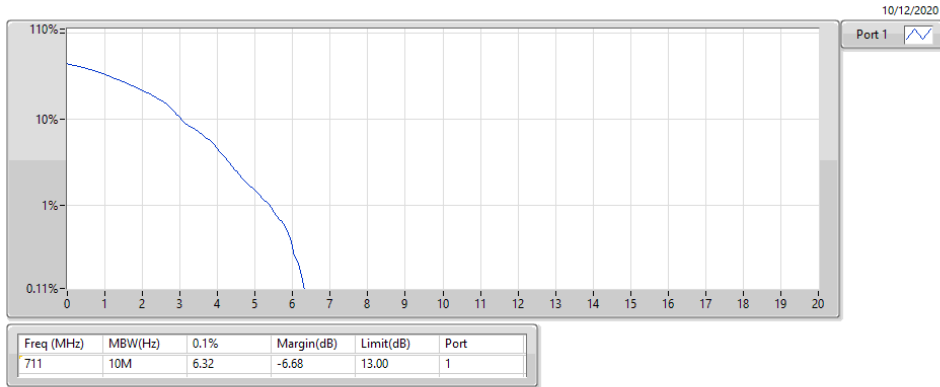


Test Mode: Mode 8 / EUT 2 + Set 3 antenna (LTE Band 12)

**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

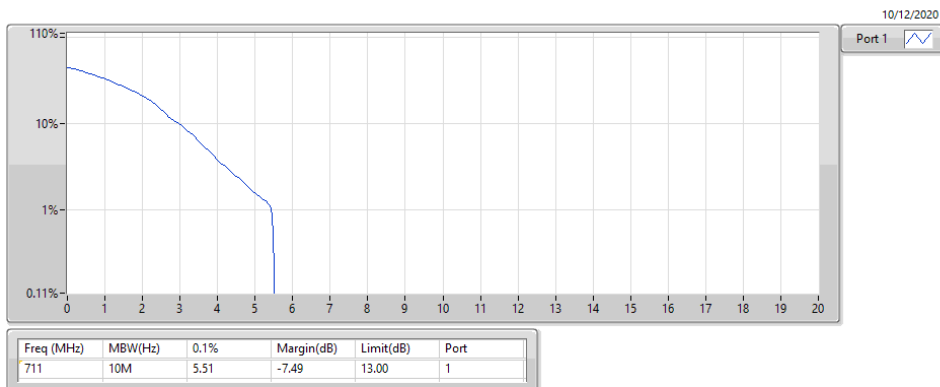
**711MHz\_64QAM\_RB 1,#RB L**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

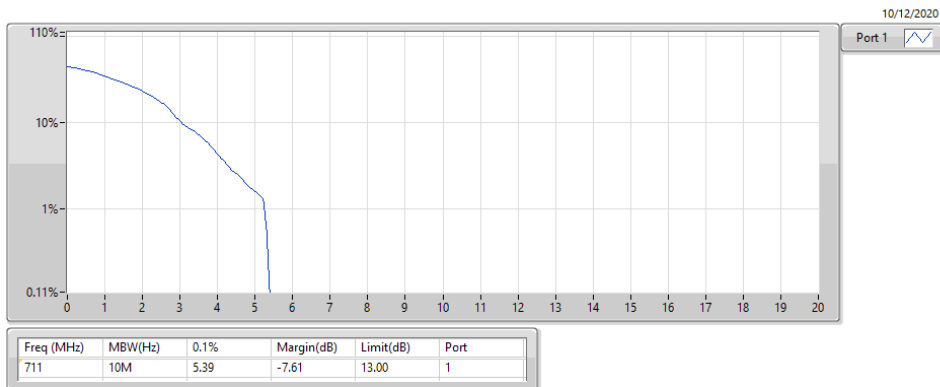
**711MHz\_64QAM\_RB 1,#RB M**



**Band 12\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**711MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.9

Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 13                  | -      | -             | -             | -    | -    |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 782           | 13.00         | 4.38 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 782           | 13.00         | 5.65 | 1    |
| LTE_10MHz_Nss1,64QAM_1TX | Pass   | 782           | 13.00         | 6.49 | 1    |



Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

Result

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 13_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 782MHz_RB 50,#RB 0               | Pass   | 782           | 13.00         | 4.38 | 1    |
| 782MHz_RB 1,#RB L                | Pass   | 782           | 13.00         | 3.54 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 3.45 | 1    |
| 782MHz_RB 1,#RB H                | Pass   | 782           | 13.00         | 3.57 | 1    |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 782MHz_RB 50,#RB 0               | Pass   | 782           | 13.00         | 5.65 | 1    |
| 782MHz_RB 1,#RB L                | Pass   | 782           | 13.00         | 5.36 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 4.23 | 1    |
| 782MHz_RB 1,#RB H                | Pass   | 782           | 13.00         | 5.39 | 1    |
| Band 13_LTE_10MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 782MHz_RB 50,#RB 0               | Pass   | 782           | 13.00         | 6.49 | 1    |
| 782MHz_RB 1,#RB L                | Pass   | 782           | 13.00         | 6.20 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 6.26 | 1    |
| 782MHz_RB 1,#RB H                | Pass   | 782           | 13.00         | 6.20 | 1    |

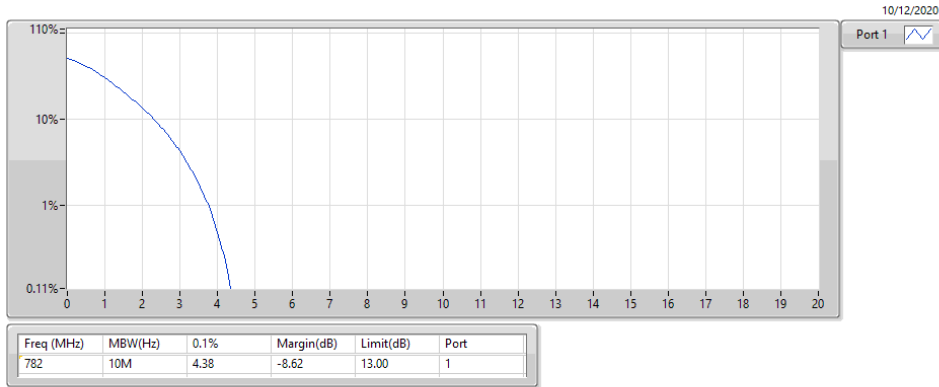


Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

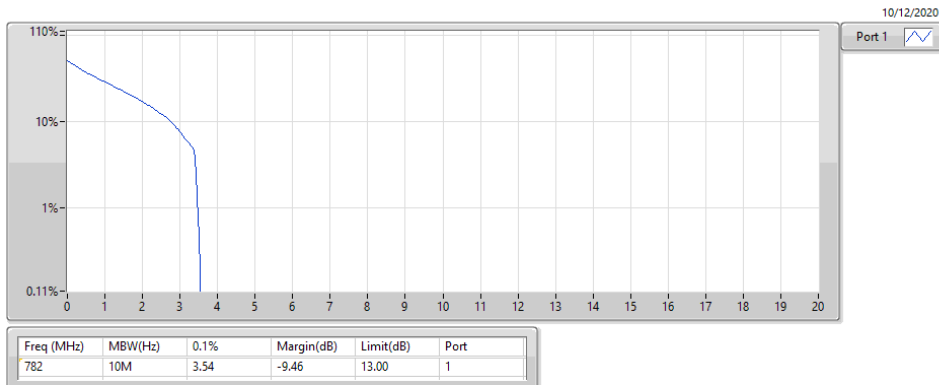
**782MHz\_QPSK\_RB 50,#RB 0**



**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

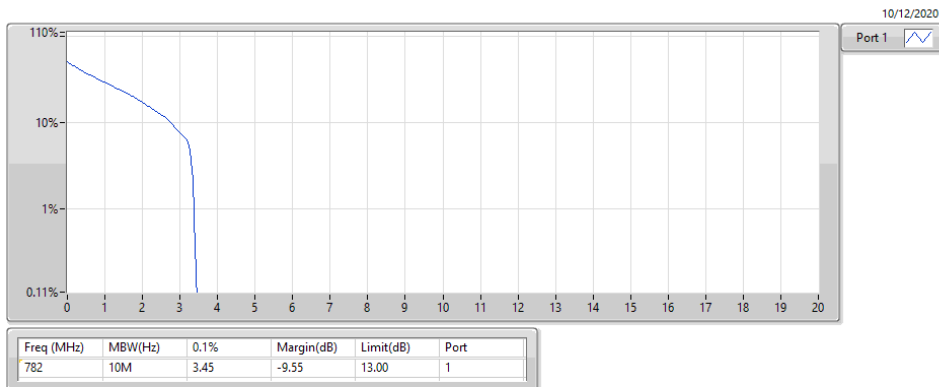
**782MHz\_QPSK\_RB 1,#RB L**



**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**782MHz\_QPSK\_RB 1,#RB M**

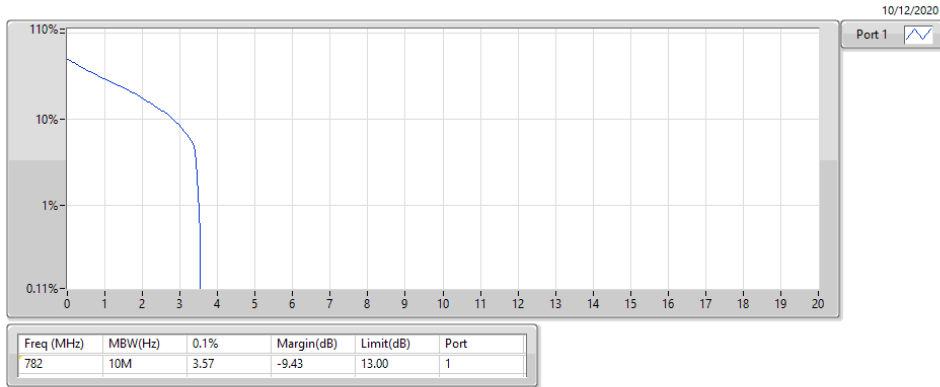


Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

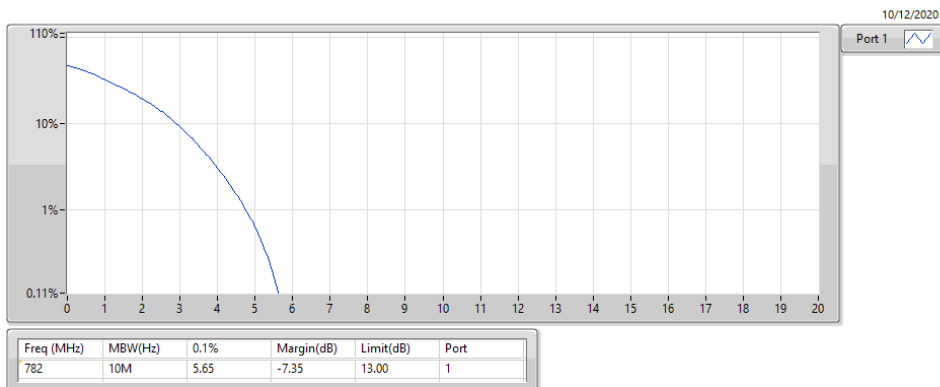
**782MHz\_QPSK\_RB 1,#RB H**



**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

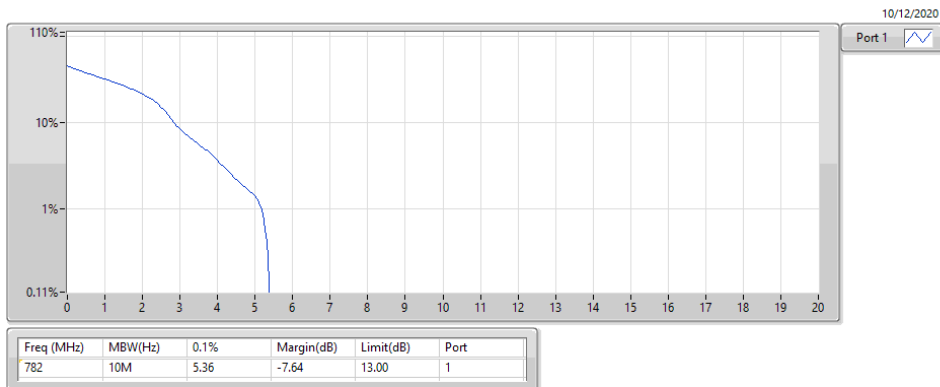
**782MHz\_16QAM\_RB 50,#RB 0**



**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**782MHz\_16QAM\_RB 1,#RB L**

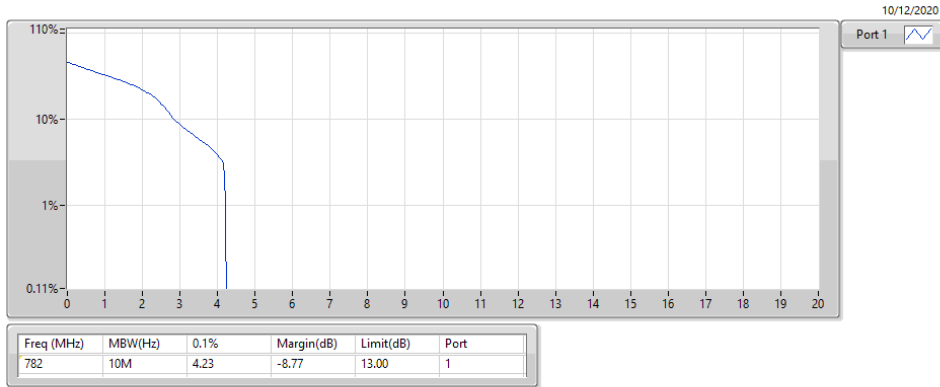


Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

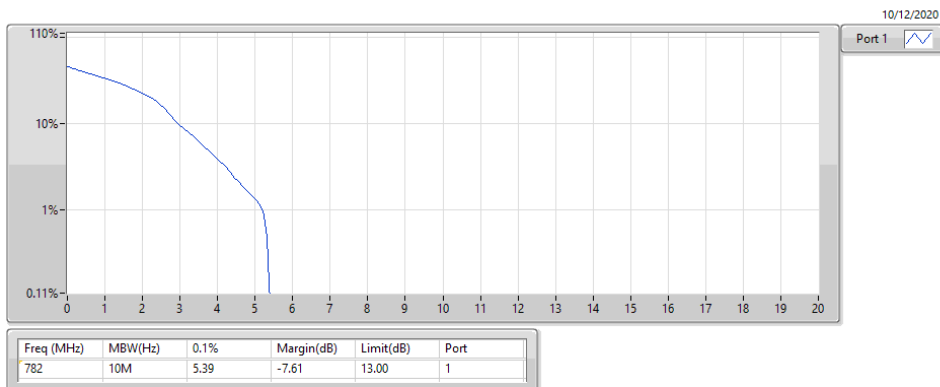
**782MHz\_16QAM\_RB 1,#RB M**



**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

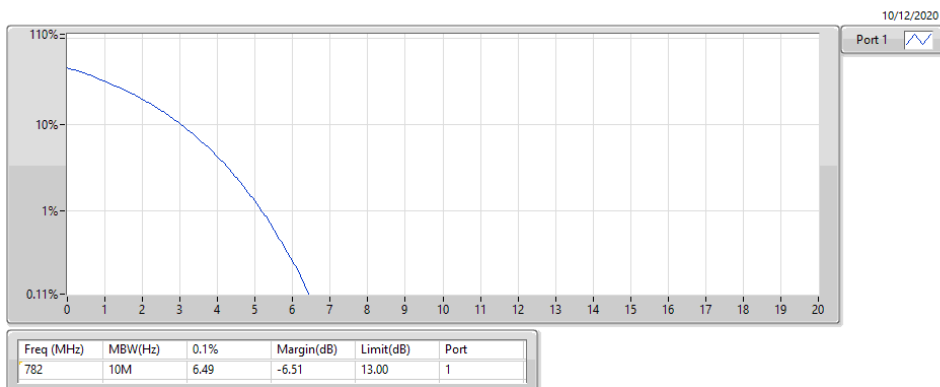
**782MHz\_16QAM\_RB 1,#RB H**



**Band 13\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**782MHz\_64QAM\_RB 50,#RB 0**

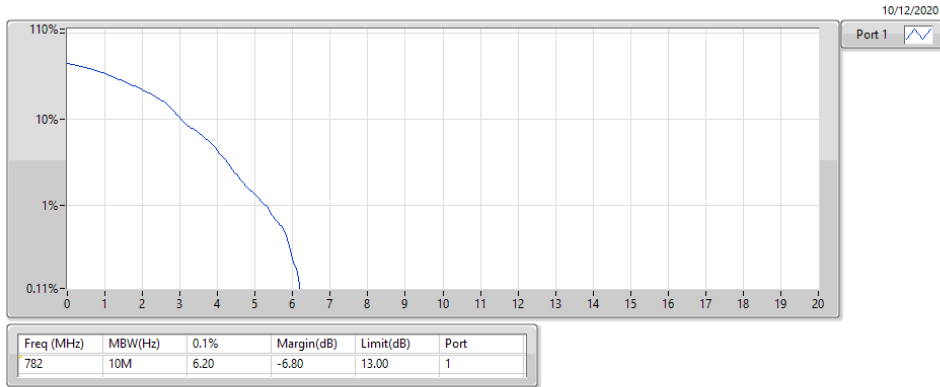


Test Mode: Mode 9 / EUT 2 + Set 3 antenna (LTE Band 13)

**Band 13\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

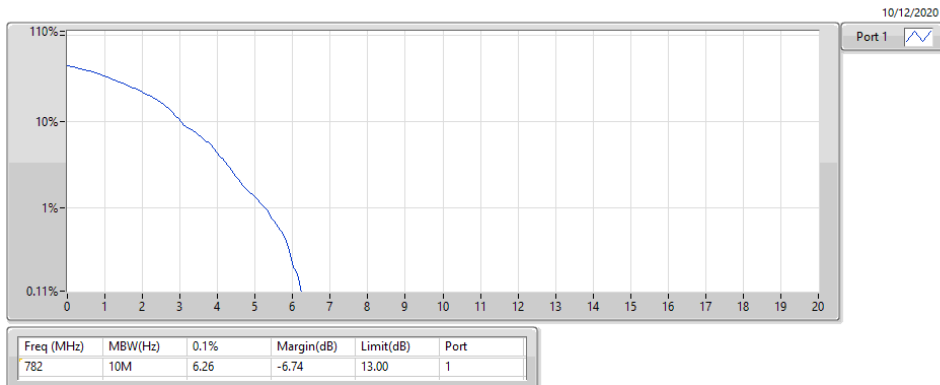
**782MHz\_64QAM\_RB 1,#RB L**



**Band 13\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

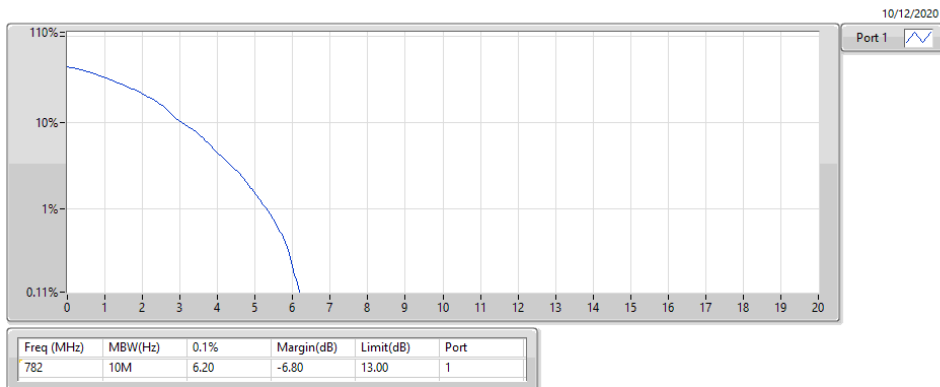
**782MHz\_64QAM\_RB 1,#RB M**



**Band 13\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**782MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.10

Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 17                  | -      | -             | -             | -    | -    |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 710           | 13.00         | 4.41 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 711           | 13.00         | 5.65 | 1    |
| LTE_10MHz_Nss1,64QAM_1TX | Pass   | 711           | 13.00         | 7.19 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.10

Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

### Result

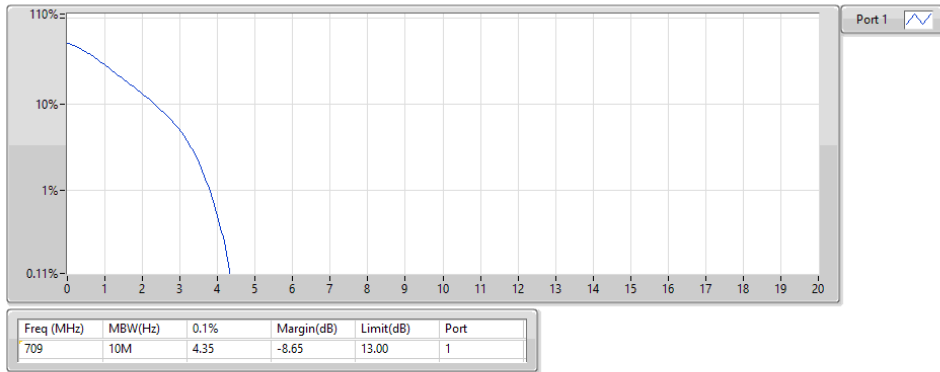
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 17_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 709MHz_RB 50,#RB 0               | Pass   | 709           | 13.00         | 4.35 | 1    |
| 709MHz_RB 1,#RB L                | Pass   | 709           | 13.00         | 3.48 | 1    |
| 709MHz_RB 1,#RB M                | Pass   | 709           | 13.00         | 3.42 | 1    |
| 709MHz_RB 1,#RB H                | Pass   | 709           | 13.00         | 3.57 | 1    |
| 710MHz_RB 50,#RB 0               | Pass   | 710           | 13.00         | 4.41 | 1    |
| 710MHz_RB 1,#RB L                | Pass   | 710           | 13.00         | 3.39 | 1    |
| 710MHz_RB 1,#RB M                | Pass   | 710           | 13.00         | 3.48 | 1    |
| 710MHz_RB 1,#RB H                | Pass   | 710           | 13.00         | 3.54 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 4.41 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 3.54 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 3.45 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 3.54 | 1    |
| Band 17_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 709MHz_RB 50,#RB 0               | Pass   | 709           | 13.00         | 5.54 | 1    |
| 709MHz_RB 1,#RB L                | Pass   | 709           | 13.00         | 4.43 | 1    |
| 709MHz_RB 1,#RB M                | Pass   | 709           | 13.00         | 4.32 | 1    |
| 709MHz_RB 1,#RB H                | Pass   | 709           | 13.00         | 4.55 | 1    |
| 710MHz_RB 50,#RB 0               | Pass   | 710           | 13.00         | 5.62 | 1    |
| 710MHz_RB 1,#RB L                | Pass   | 710           | 13.00         | 4.29 | 1    |
| 710MHz_RB 1,#RB M                | Pass   | 710           | 13.00         | 4.46 | 1    |
| 710MHz_RB 1,#RB H                | Pass   | 710           | 13.00         | 4.81 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 5.65 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 5.51 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 4.61 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 4.46 | 1    |
| Band 17_LTE_10MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 709MHz_RB 50,#RB 0               | Pass   | 709           | 13.00         | 6.23 | 1    |
| 709MHz_RB 1,#RB L                | Pass   | 709           | 13.00         | 5.51 | 1    |
| 709MHz_RB 1,#RB M                | Pass   | 709           | 13.00         | 5.16 | 1    |
| 709MHz_RB 1,#RB H                | Pass   | 709           | 13.00         | 5.83 | 1    |
| 710MHz_RB 50,#RB 0               | Pass   | 710           | 13.00         | 6.32 | 1    |
| 710MHz_RB 1,#RB L                | Pass   | 710           | 13.00         | 6.29 | 1    |
| 710MHz_RB 1,#RB M                | Pass   | 710           | 13.00         | 6.26 | 1    |
| 710MHz_RB 1,#RB H                | Pass   | 710           | 13.00         | 5.74 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 6.29 | 1    |
| 711MHz_RB 1,#RB L                | Pass   | 711           | 13.00         | 7.19 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 5.74 | 1    |
| 711MHz_RB 1,#RB H                | Pass   | 711           | 13.00         | 5.45 | 1    |

Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

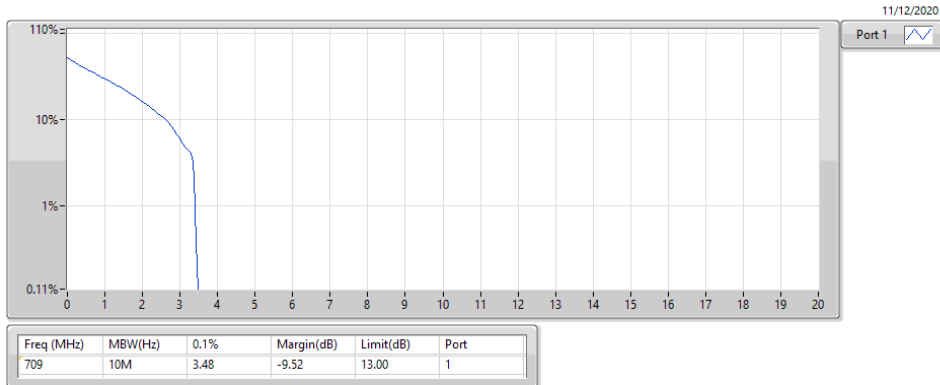
**709MHz\_QPSK\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

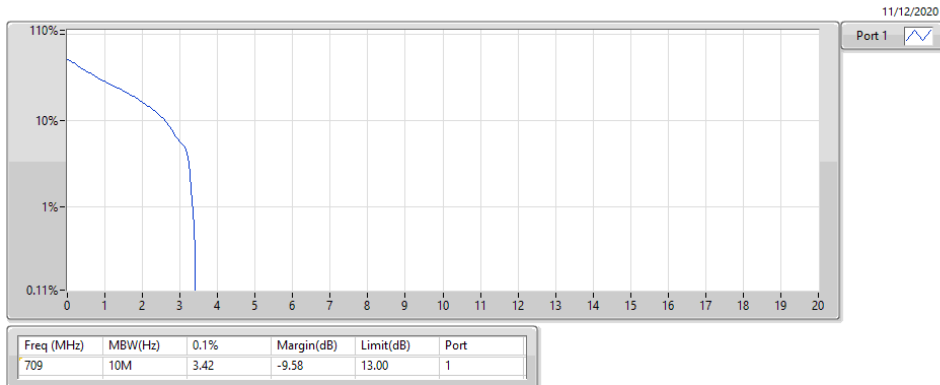
**709MHz\_QPSK\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**709MHz\_QPSK\_RB 1,#RB M**

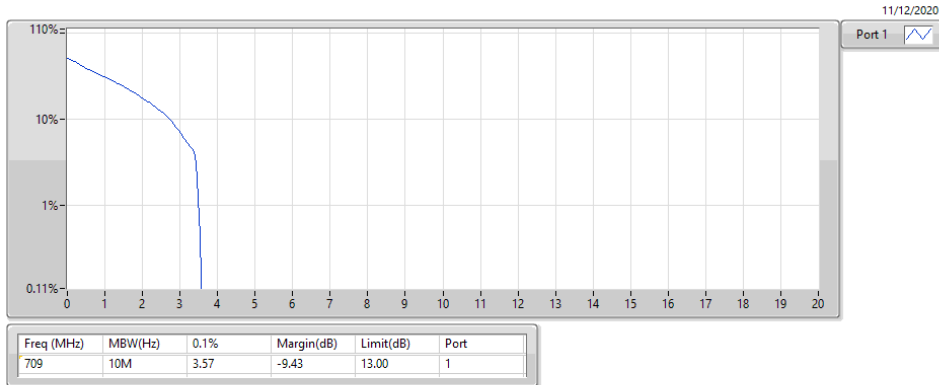


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

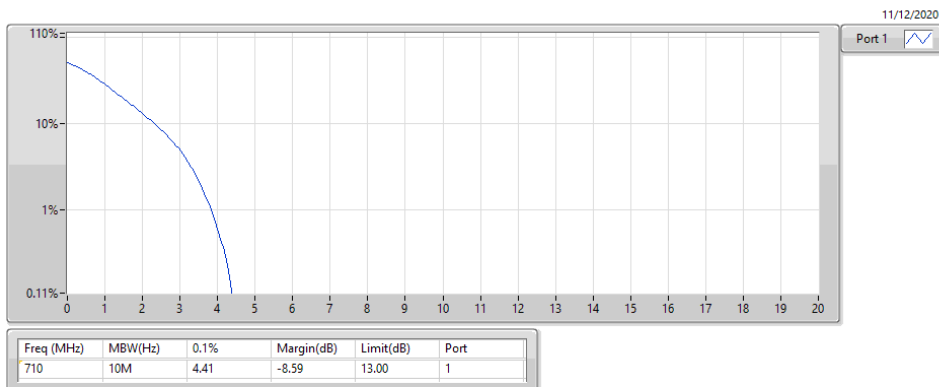
**709MHz\_QPSK\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

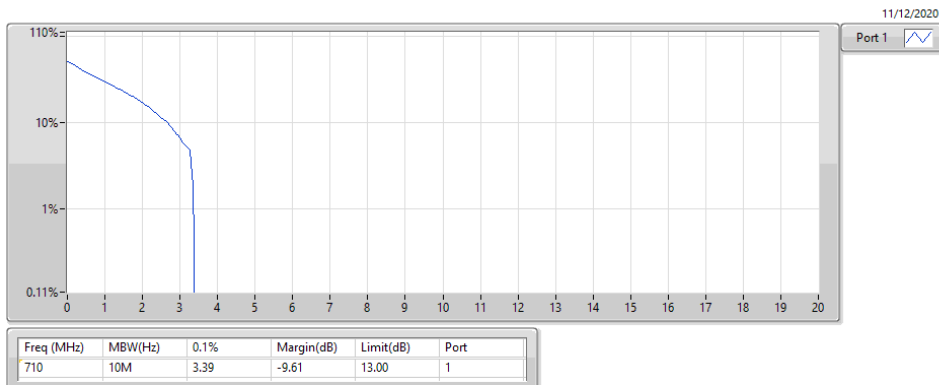
**710MHz\_QPSK\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**710MHz\_QPSK\_RB 1,#RB L**



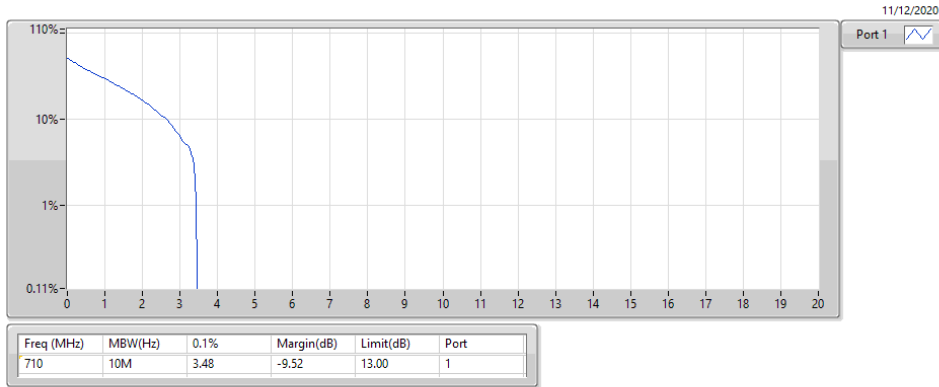


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

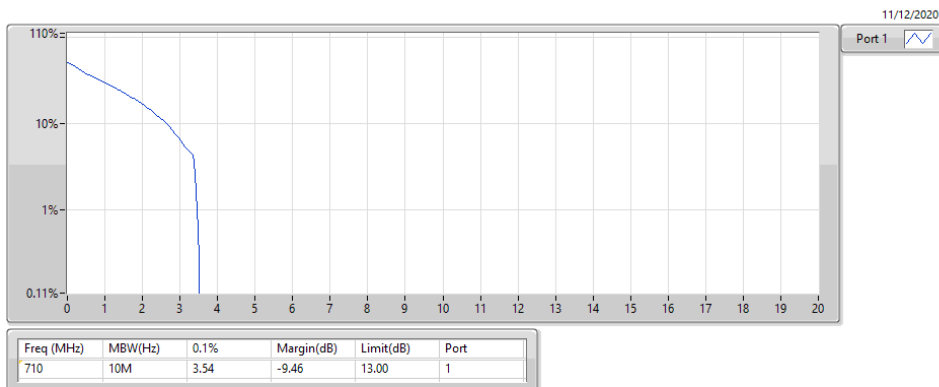
**710MHz\_QPSK\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

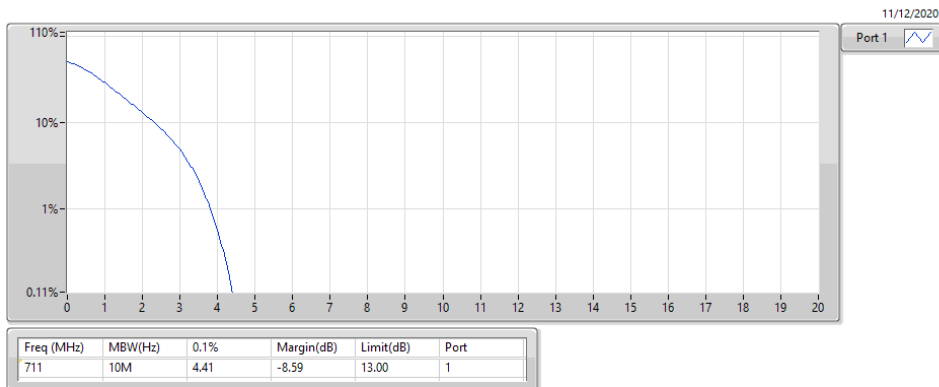
**710MHz\_QPSK\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**711MHz\_QPSK\_RB 50,#RB 0**

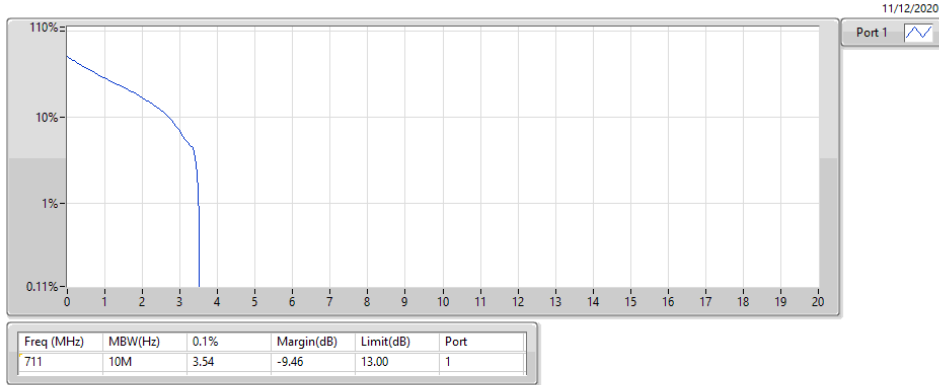


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

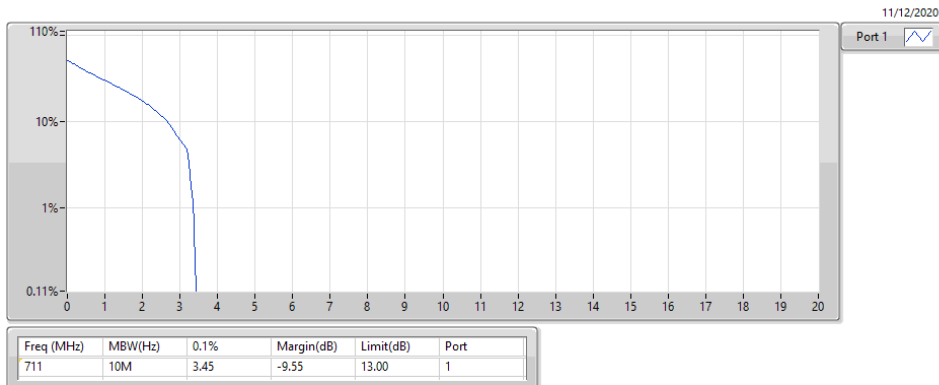
**711MHz\_QPSK\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

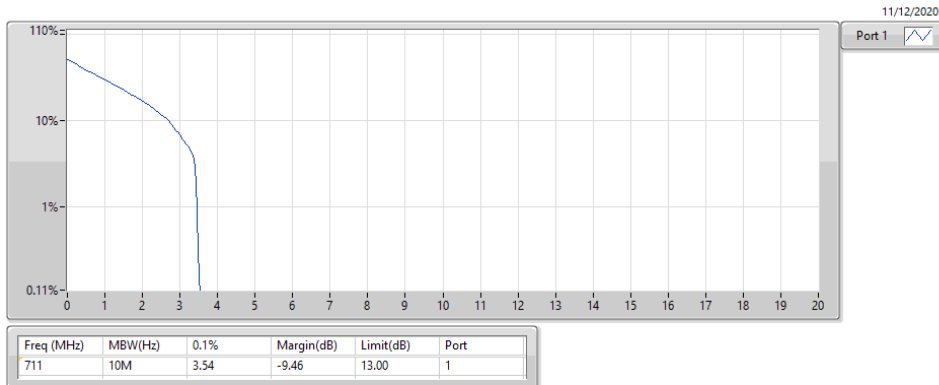
**711MHz\_QPSK\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,QPSK\_1TX**

**PAR**

**711MHz\_QPSK\_RB 1,#RB H**

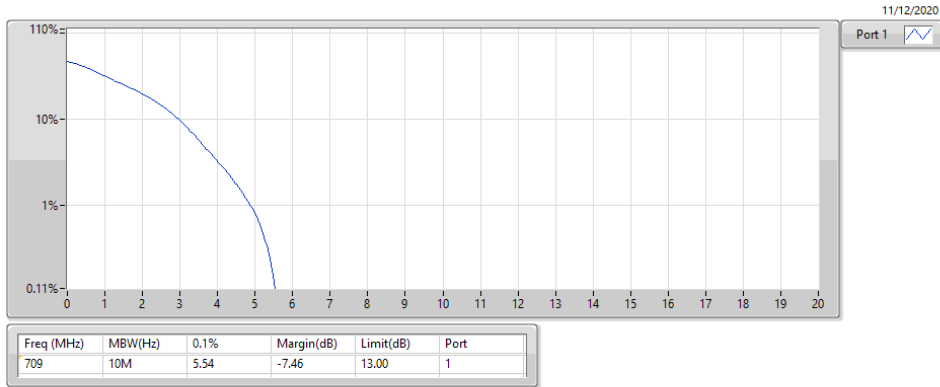


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

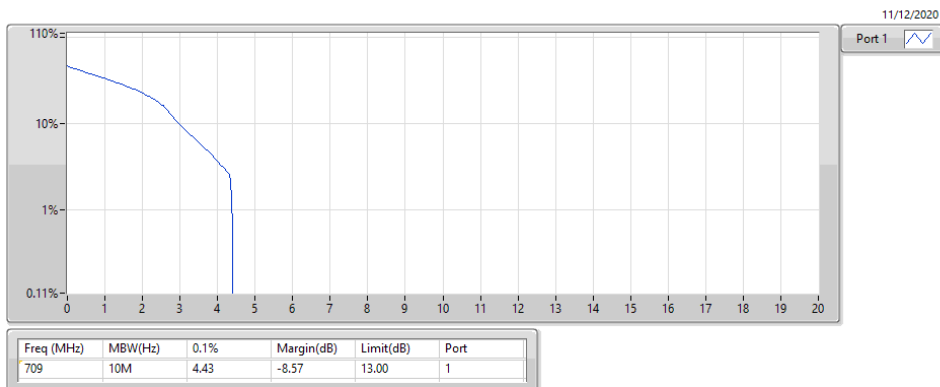
**709MHz\_16QAM\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

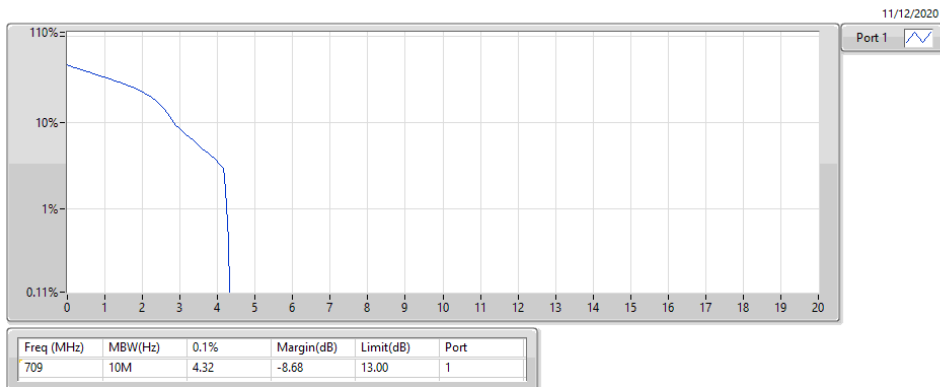
**709MHz\_16QAM\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**709MHz\_16QAM\_RB 1,#RB M**

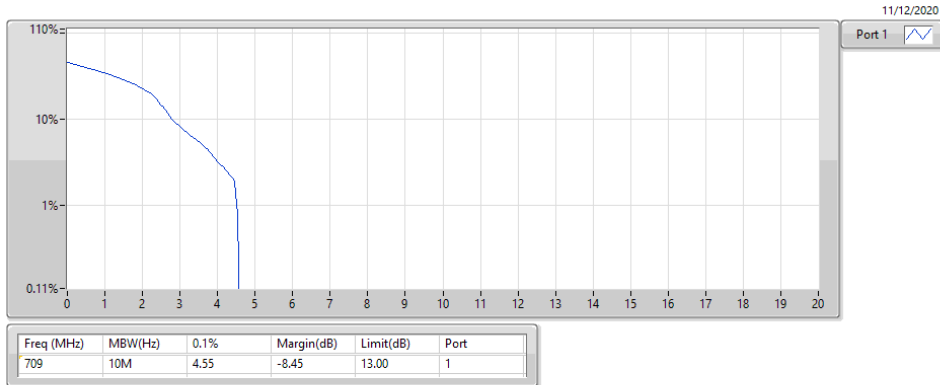


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

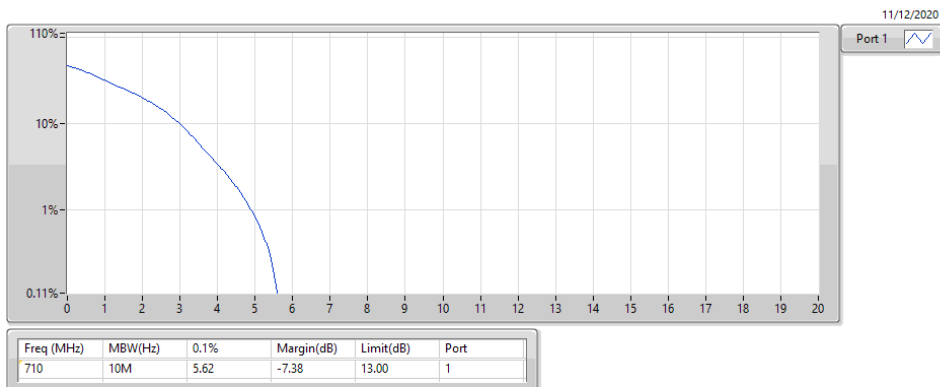
**709MHz\_16QAM\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

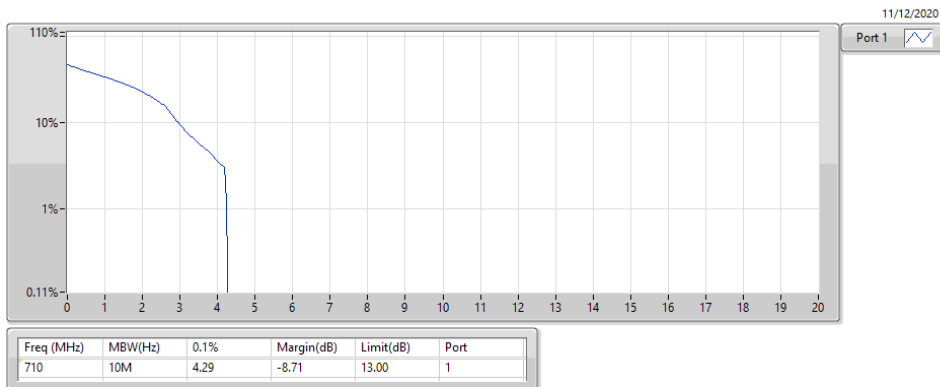
**710MHz\_16QAM\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**710MHz\_16QAM\_RB 1,#RB L**

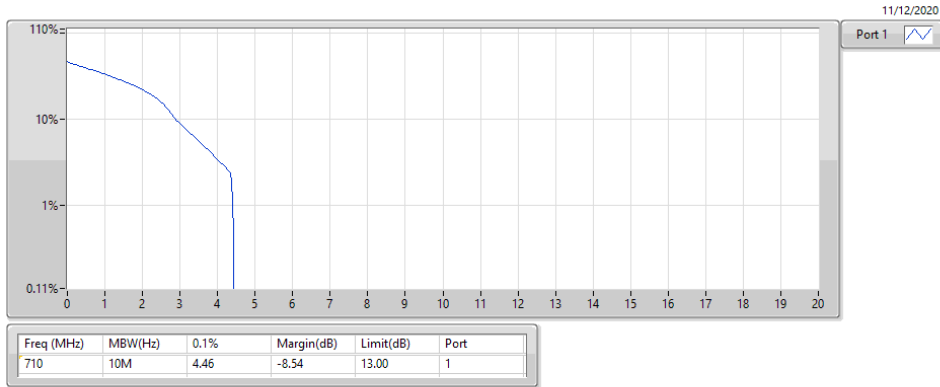


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

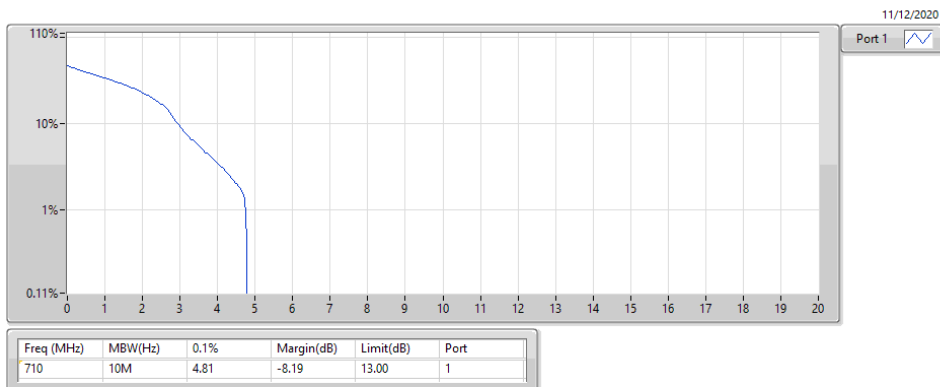
**710MHz\_16QAM\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

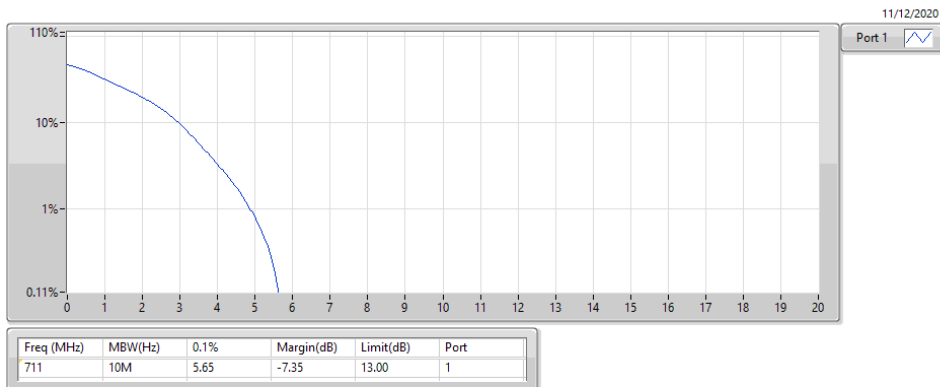
**710MHz\_16QAM\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**711MHz\_16QAM\_RB 50,#RB 0**

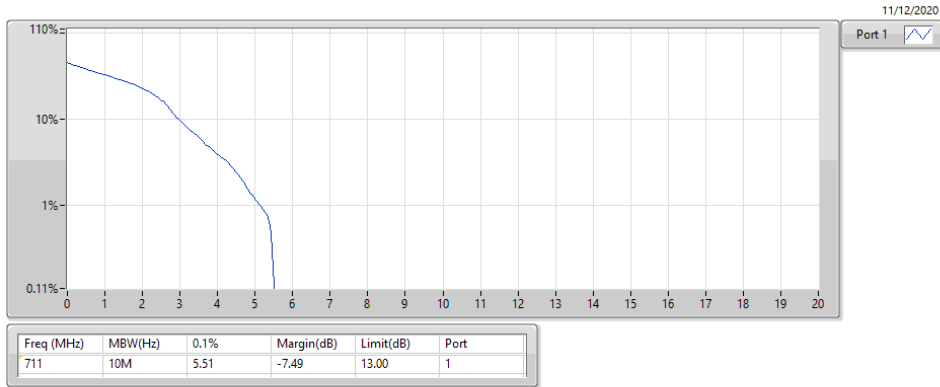


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

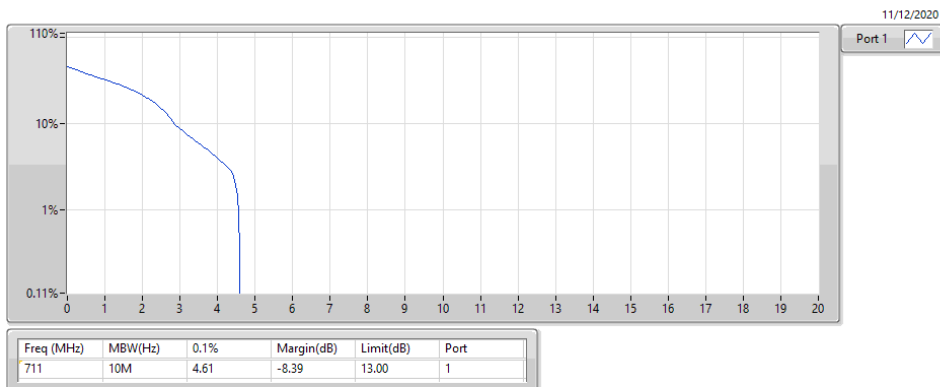
**711MHz\_16QAM\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

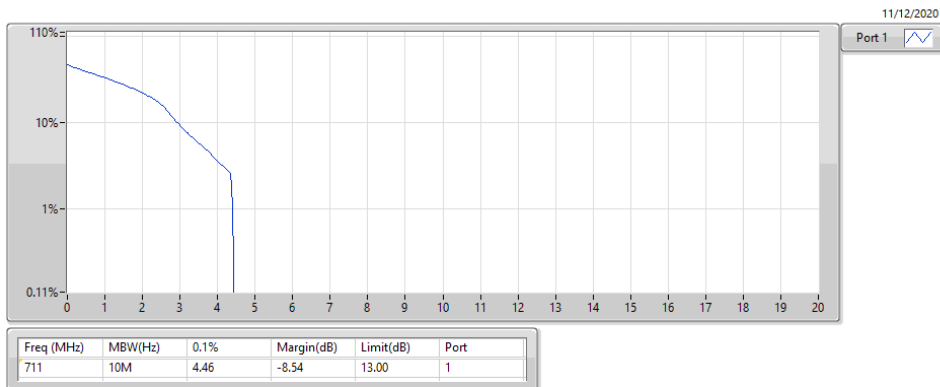
**711MHz\_16QAM\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,16QAM\_1TX**

**PAR**

**711MHz\_16QAM\_RB 1,#RB H**

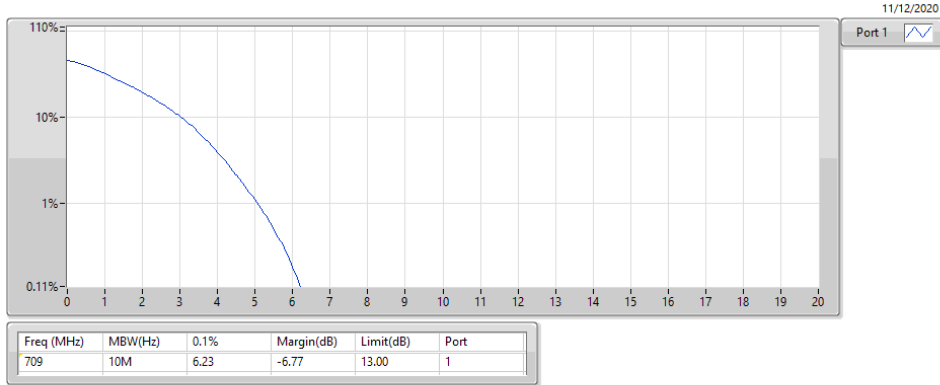


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

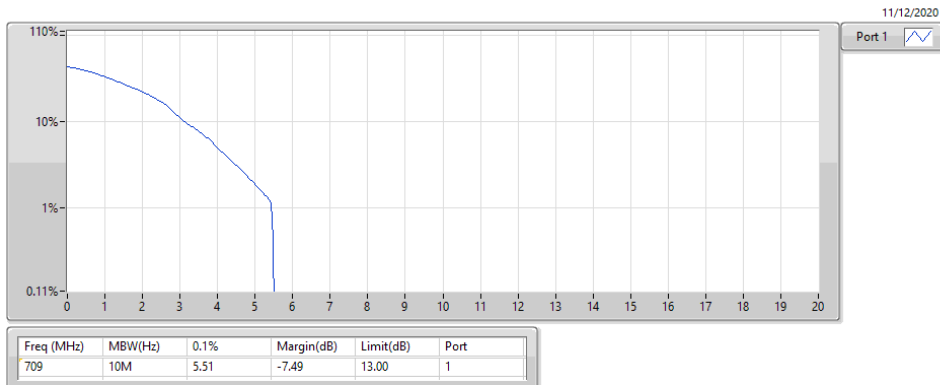
**709MHz\_64QAM\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

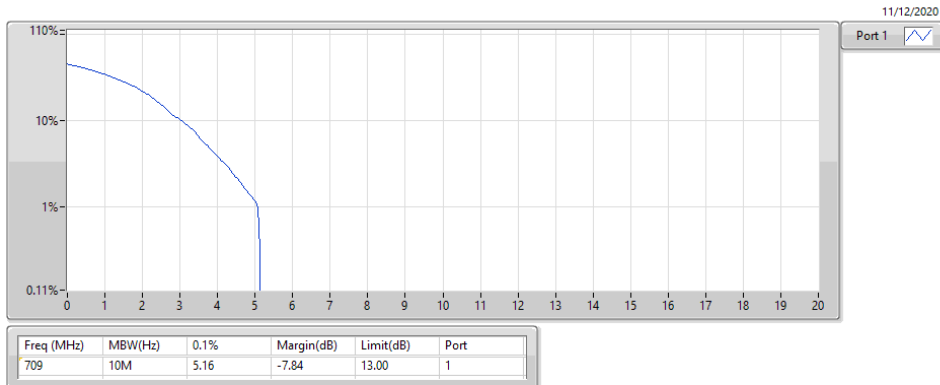
**709MHz\_64QAM\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**709MHz\_64QAM\_RB 1,#RB M**

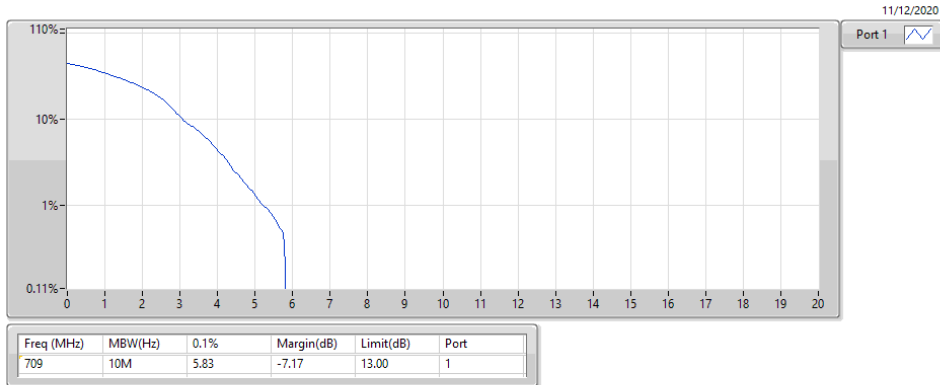


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

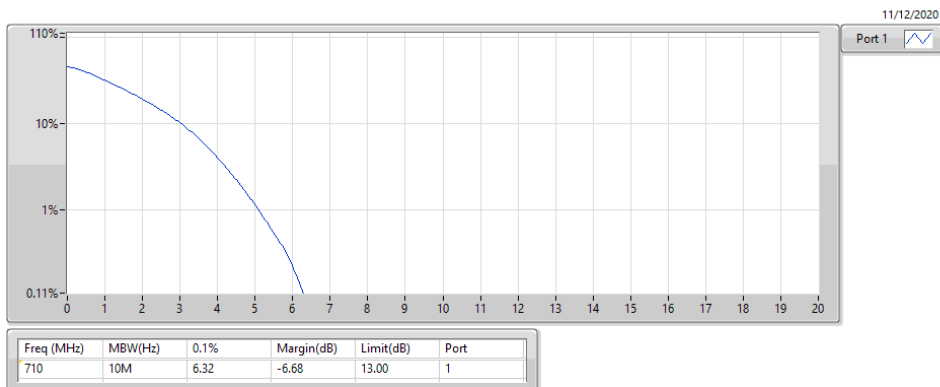
**709MHz\_64QAM\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

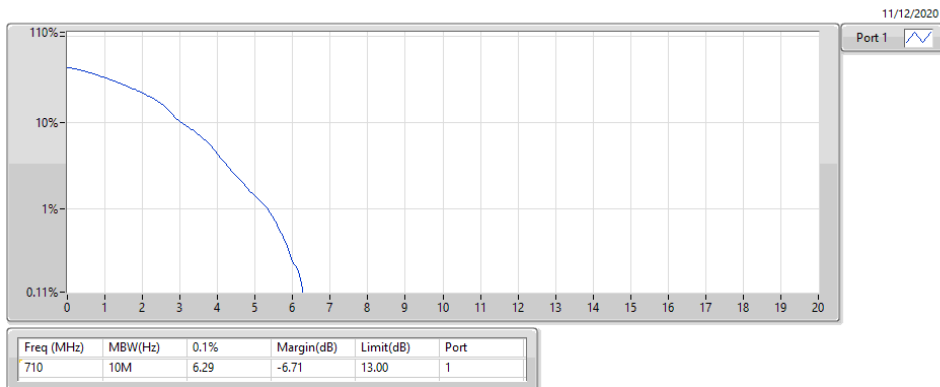
**710MHz\_64QAM\_RB 50,#RB 0**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**710MHz\_64QAM\_RB 1,#RB L**



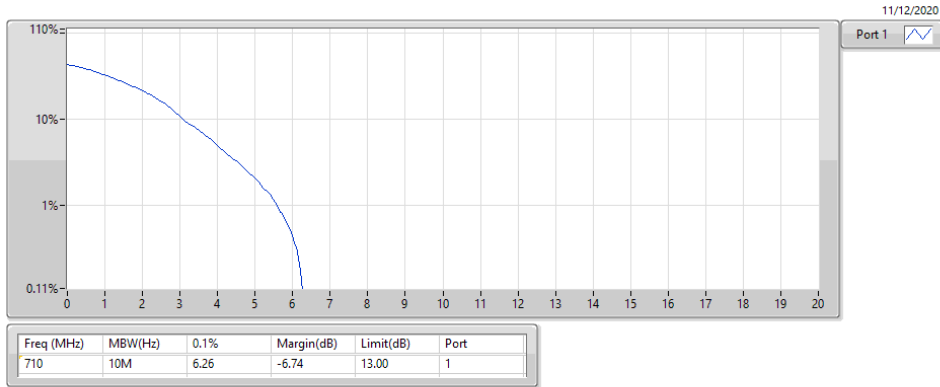


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

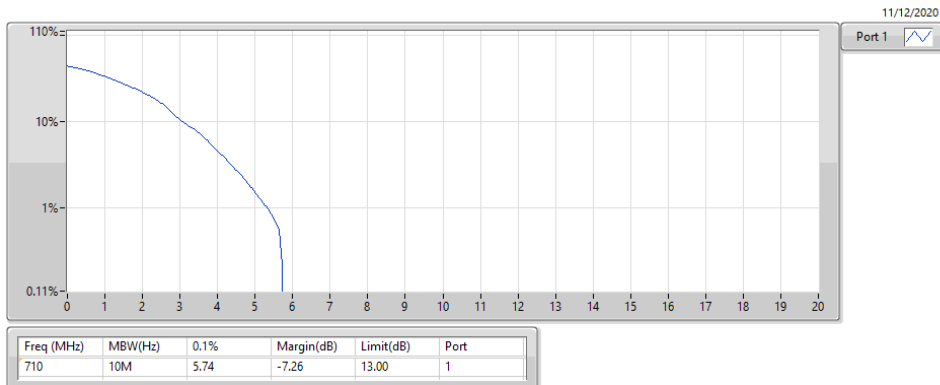
**710MHz\_64QAM\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

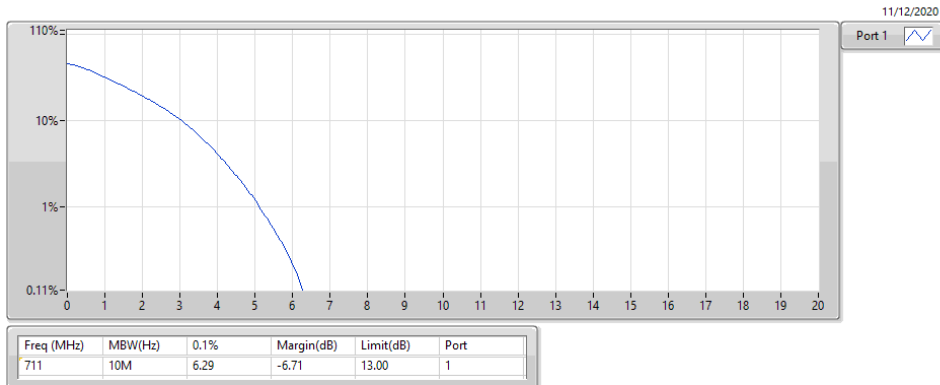
**710MHz\_64QAM\_RB 1,#RB H**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**711MHz\_64QAM\_RB 50,#RB 0**

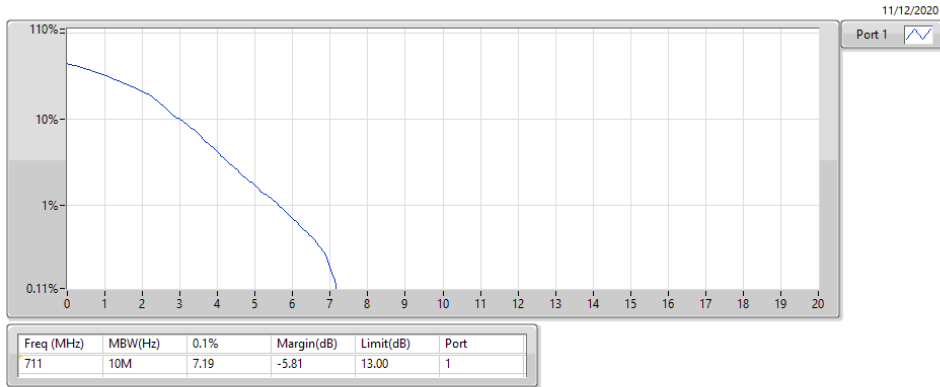


Test Mode: Mode 10 / EUT 2 + Set 3 antenna (LTE Band 17)

**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

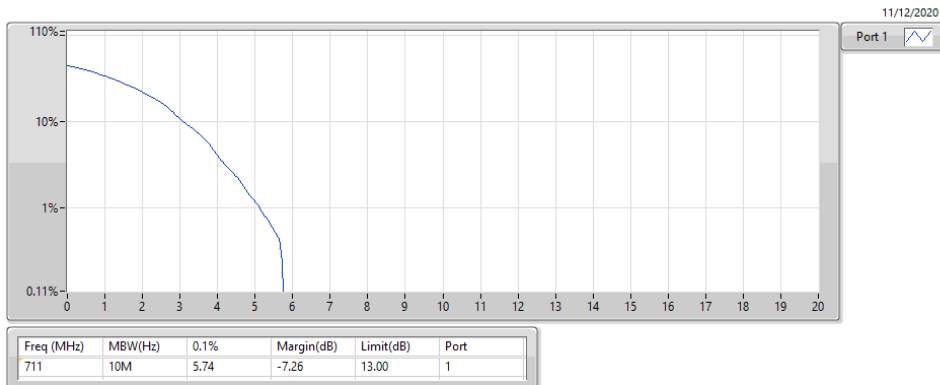
**711MHz\_64QAM\_RB 1,#RB L**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

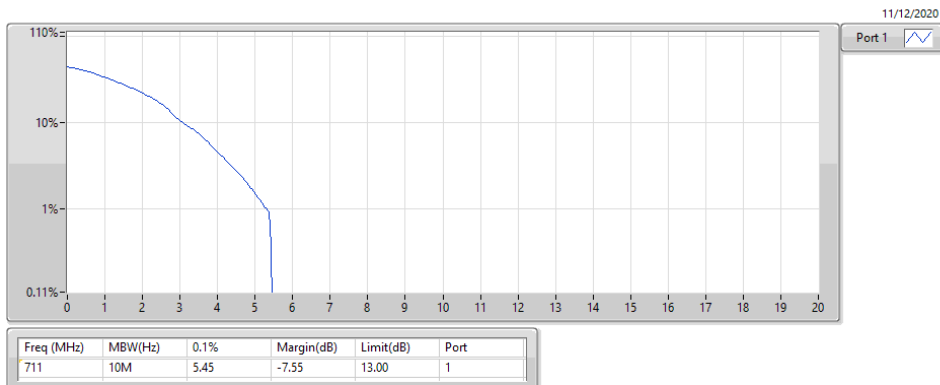
**711MHz\_64QAM\_RB 1,#RB M**



**Band 17\_LTE\_10MHz\_Nss1,64QAM\_1TX**

**PAR**

**711MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.11

Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

### Summary

| Mode                    | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|-------------------------|--------|---------------|---------------|------|------|
| Band 18                 | -      | -             | -             | -    | -    |
| LTE_5MHz_Nss1,QPSK_1TX  | Pass   | 826.5         | 13.00         | 4.55 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX | Pass   | 826.5         | 13.00         | 5.77 | 1    |
| LTE_5MHz_Nss1,64QAM_1TX | Pass   | 826.5         | 13.00         | 6.46 | 1    |

Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

## Result

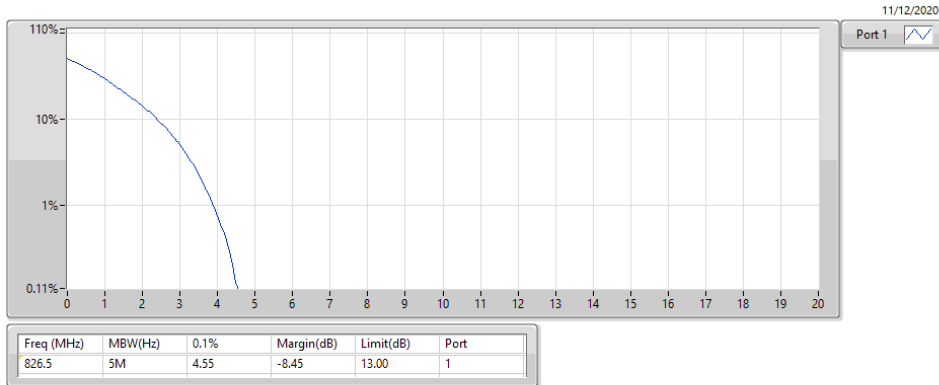
| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 18_LTE_5MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 826.5MHz_RB 25,#RB 0            | Pass   | 826.5         | 13.00         | 4.55 | 1    |
| 826.5MHz_RB 1,#RB L             | Pass   | 826.5         | 13.00         | 3.62 | 1    |
| 826.5MHz_RB 1,#RB M             | Pass   | 826.5         | 13.00         | 3.57 | 1    |
| 826.5MHz_RB 1,#RB H             | Pass   | 826.5         | 13.00         | 3.62 | 1    |
| 827MHz_RB 25,#RB 0              | Pass   | 827           | 13.00         | 4.52 | 1    |
| 827MHz_RB 1,#RB L               | Pass   | 827           | 13.00         | 3.62 | 1    |
| 827MHz_RB 1,#RB M               | Pass   | 827           | 13.00         | 3.54 | 1    |
| 827MHz_RB 1,#RB H               | Pass   | 827           | 13.00         | 3.59 | 1    |
| 827.5MHz_RB 25,#RB 0            | Pass   | 827.5         | 13.00         | 4.49 | 1    |
| 827.5MHz_RB 1,#RB L             | Pass   | 827.5         | 13.00         | 3.65 | 1    |
| 827.5MHz_RB 1,#RB M             | Pass   | 827.5         | 13.00         | 3.51 | 1    |
| 827.5MHz_RB 1,#RB H             | Pass   | 827.5         | 13.00         | 3.59 | 1    |
| Band 18_LTE_5MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 826.5MHz_RB 25,#RB 0            | Pass   | 826.5         | 13.00         | 5.77 | 1    |
| 826.5MHz_RB 1,#RB L             | Pass   | 826.5         | 13.00         | 4.90 | 1    |
| 826.5MHz_RB 1,#RB M             | Pass   | 826.5         | 13.00         | 4.84 | 1    |
| 826.5MHz_RB 1,#RB H             | Pass   | 826.5         | 13.00         | 4.70 | 1    |
| 827MHz_RB 25,#RB 0              | Pass   | 827           | 13.00         | 5.65 | 1    |
| 827MHz_RB 1,#RB L               | Pass   | 827           | 13.00         | 4.70 | 1    |
| 827MHz_RB 1,#RB M               | Pass   | 827           | 13.00         | 4.55 | 1    |
| 827MHz_RB 1,#RB H               | Pass   | 827           | 13.00         | 4.70 | 1    |
| 827.5MHz_RB 25,#RB 0            | Pass   | 827.5         | 13.00         | 5.71 | 1    |
| 827.5MHz_RB 1,#RB L             | Pass   | 827.5         | 13.00         | 4.41 | 1    |
| 827.5MHz_RB 1,#RB M             | Pass   | 827.5         | 13.00         | 4.46 | 1    |
| 827.5MHz_RB 1,#RB H             | Pass   | 827.5         | 13.00         | 4.58 | 1    |
| Band 18_LTE_5MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 826.5MHz_RB 25,#RB 0            | Pass   | 826.5         | 13.00         | 6.46 | 1    |
| 826.5MHz_RB 1,#RB L             | Pass   | 826.5         | 13.00         | 5.68 | 1    |
| 826.5MHz_RB 1,#RB M             | Pass   | 826.5         | 13.00         | 5.68 | 1    |
| 826.5MHz_RB 1,#RB H             | Pass   | 826.5         | 13.00         | 5.65 | 1    |
| 827MHz_RB 25,#RB 0              | Pass   | 827           | 13.00         | 6.38 | 1    |
| 827MHz_RB 1,#RB L               | Pass   | 827           | 13.00         | 5.65 | 1    |
| 827MHz_RB 1,#RB M               | Pass   | 827           | 13.00         | 5.59 | 1    |
| 827MHz_RB 1,#RB H               | Pass   | 827           | 13.00         | 5.74 | 1    |
| 827.5MHz_RB 25,#RB 0            | Pass   | 827.5         | 13.00         | 6.41 | 1    |
| 827.5MHz_RB 1,#RB L             | Pass   | 827.5         | 13.00         | 5.62 | 1    |
| 827.5MHz_RB 1,#RB M             | Pass   | 827.5         | 13.00         | 5.57 | 1    |
| 827.5MHz_RB 1,#RB H             | Pass   | 827.5         | 13.00         | 5.59 | 1    |

Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

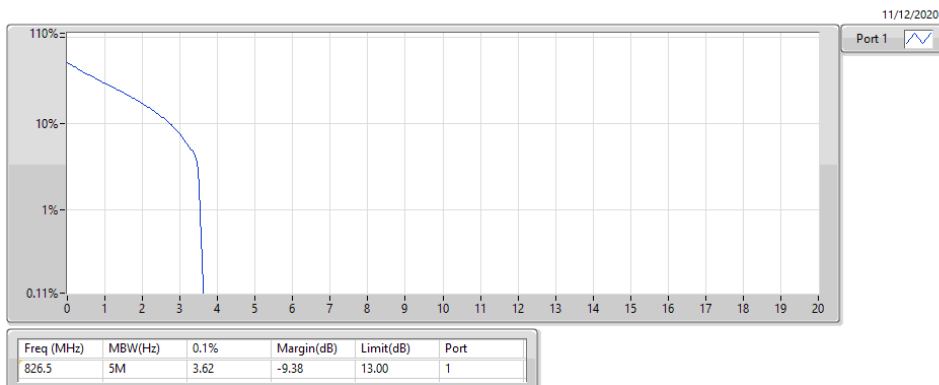
**826.5MHz\_QPSK\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

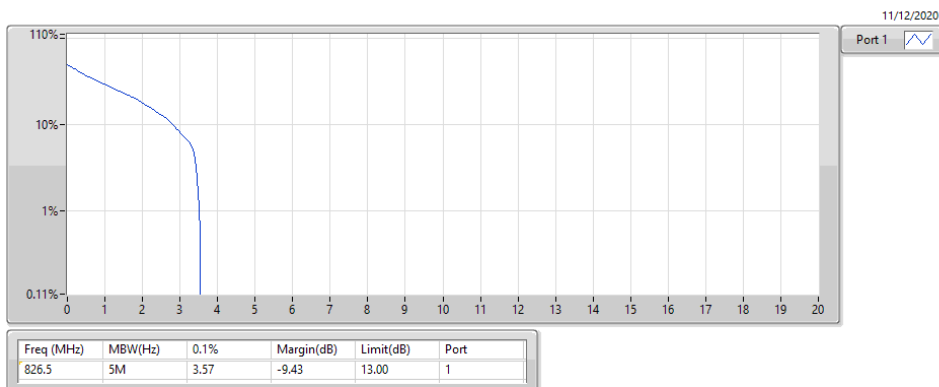
**826.5MHz\_QPSK\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

**826.5MHz\_QPSK\_RB 1,#RB M**

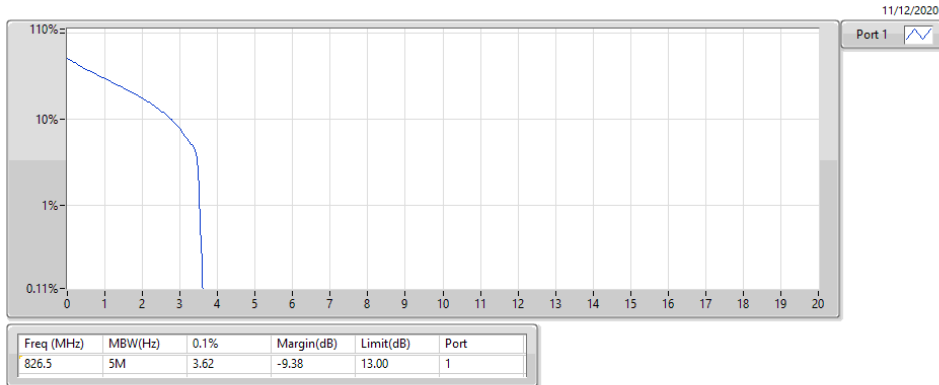


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

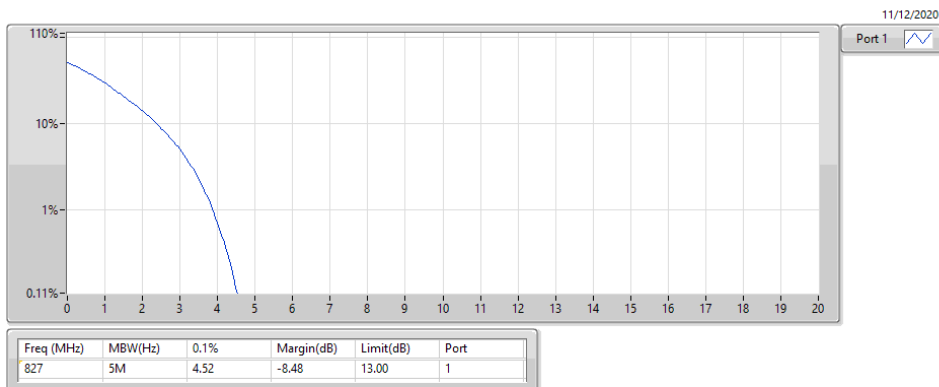
**826.5MHz\_QPSK\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

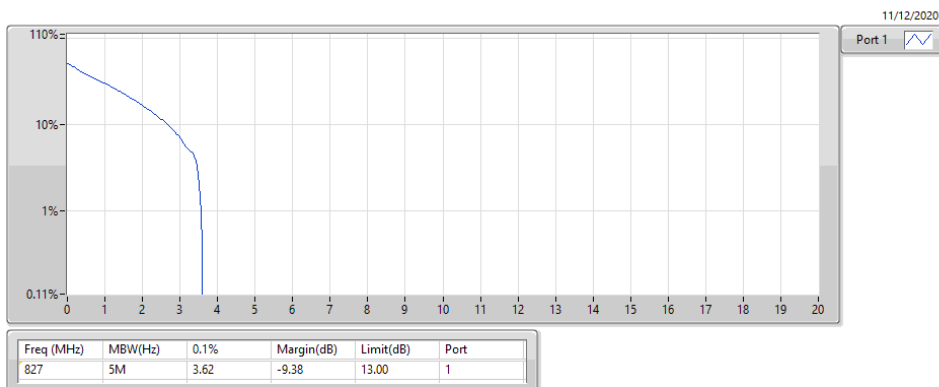
**827MHz\_QPSK\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

**827MHz\_QPSK\_RB 1,#RB L**

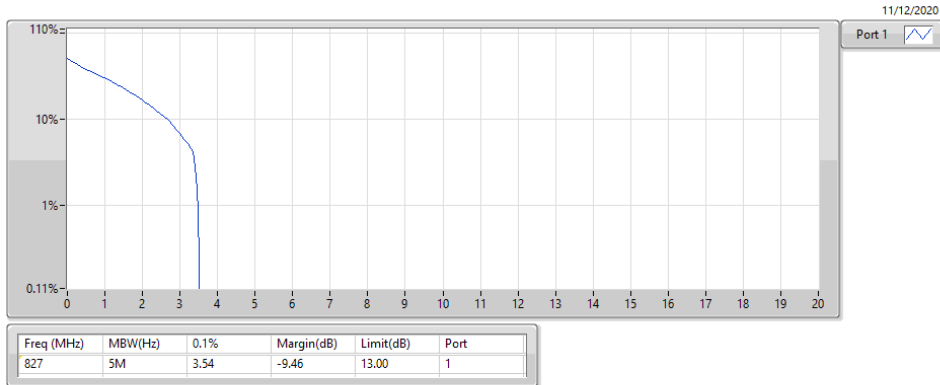


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

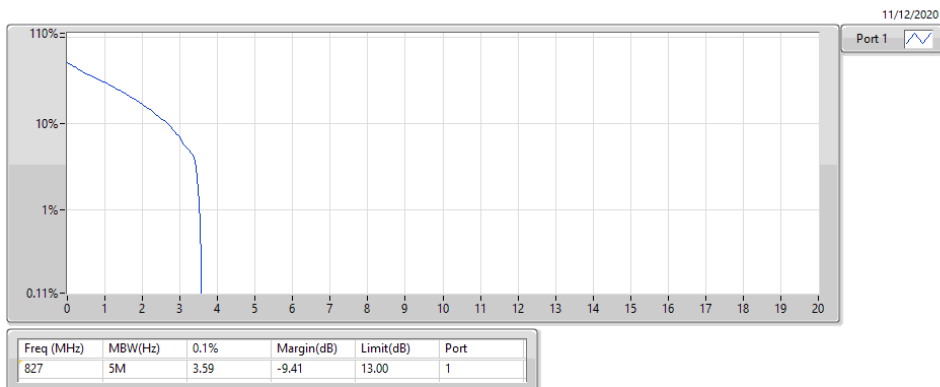
**827MHz\_QPSK\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

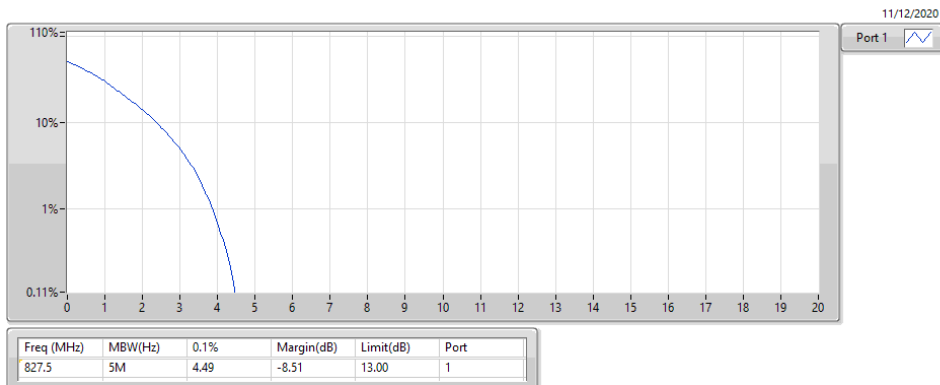
**827MHz\_QPSK\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

**827.5MHz\_QPSK\_RB 25,#RB 0**

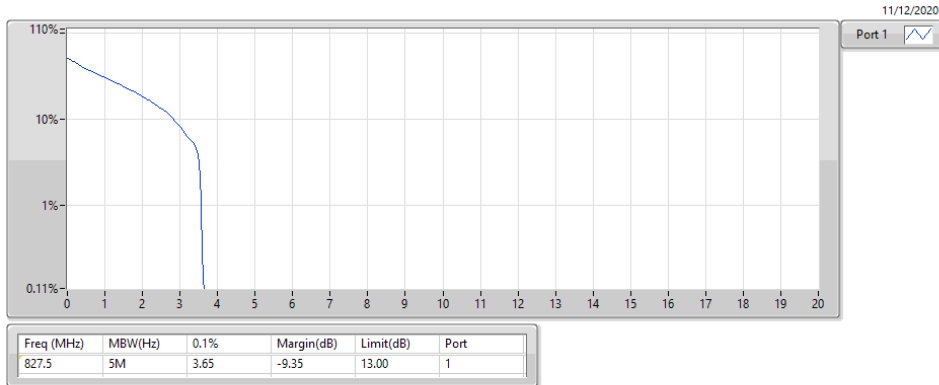


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

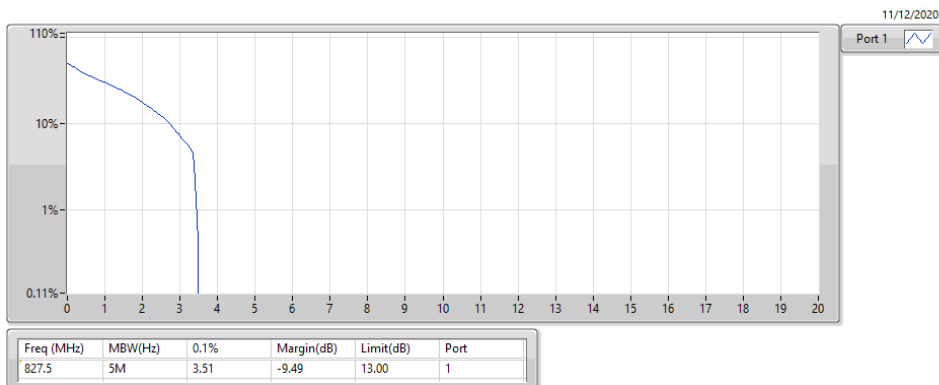
**827.5MHz\_QPSK\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

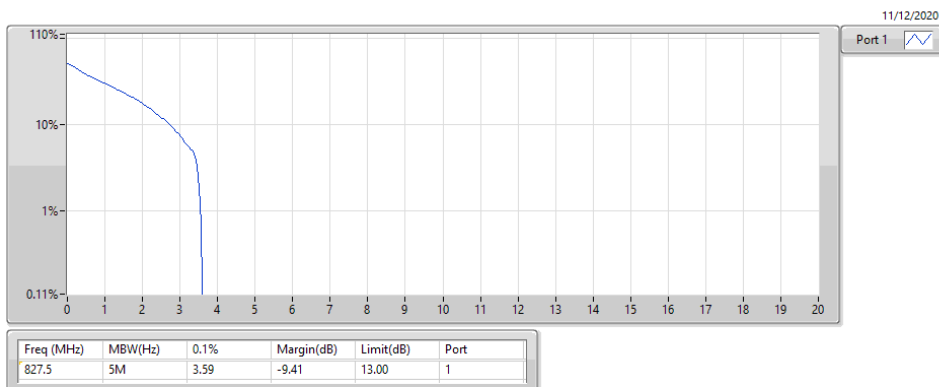
**827.5MHz\_QPSK\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,QPSK\_1TX**

**PAR**

**827.5MHz\_QPSK\_RB 1,#RB H**



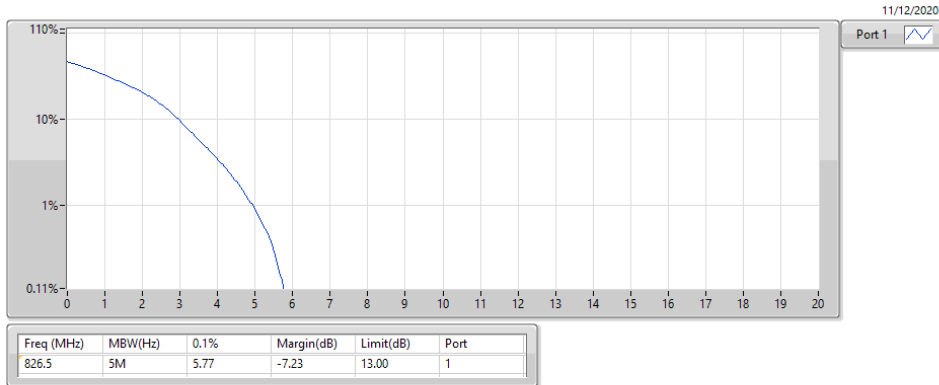


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

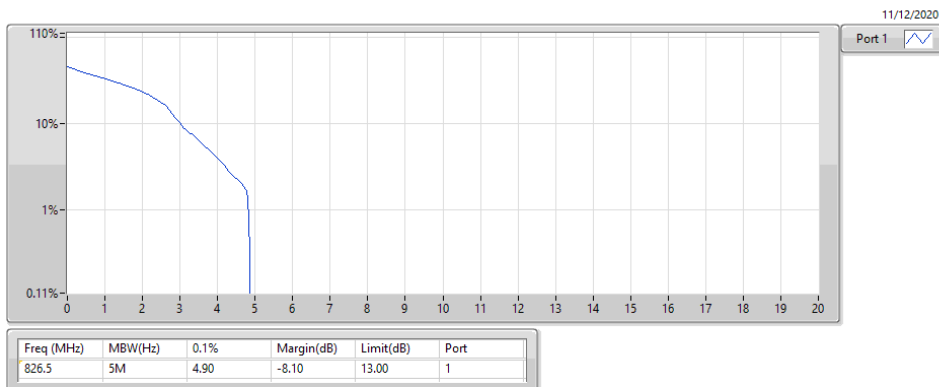
**826.5MHz\_16QAM\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

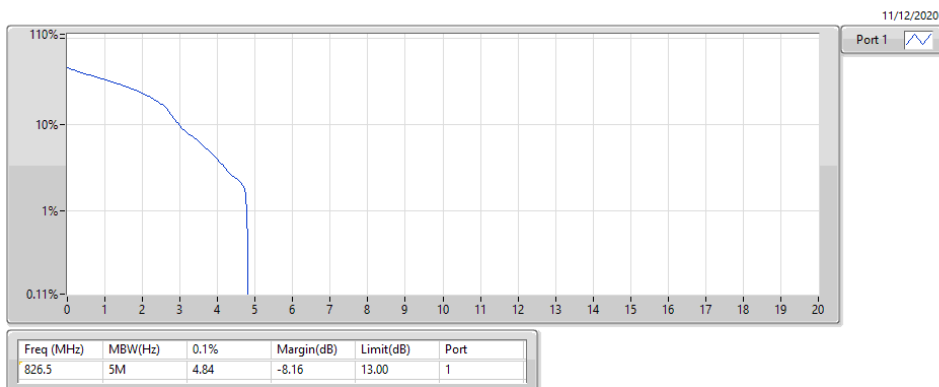
**826.5MHz\_16QAM\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

**826.5MHz\_16QAM\_RB 1,#RB M**

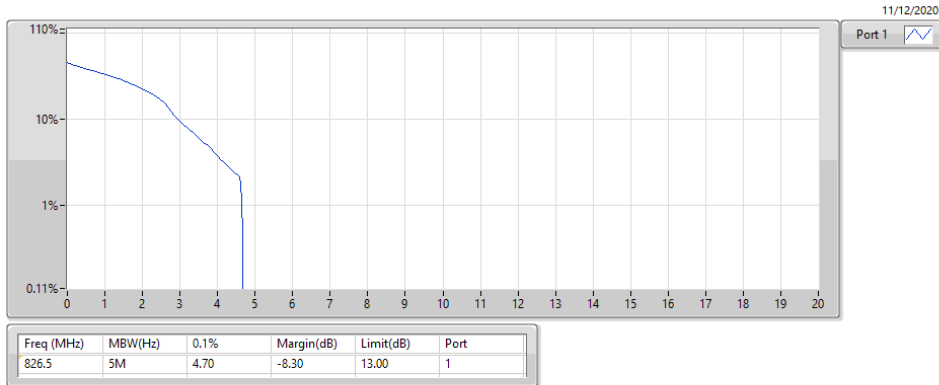


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

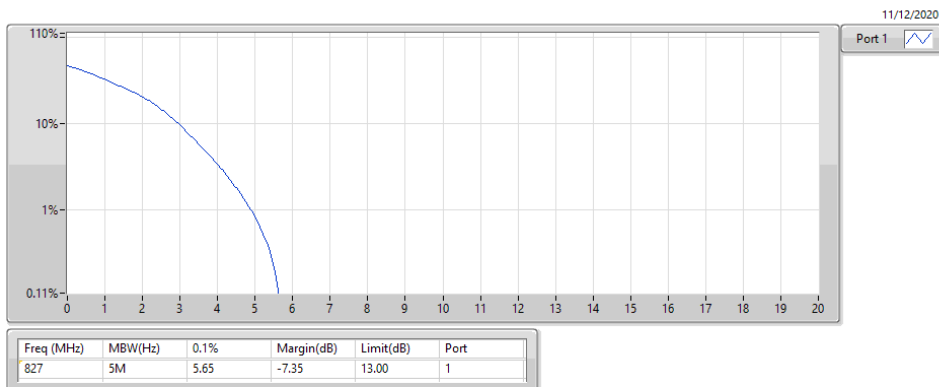
**826.5MHz\_16QAM\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

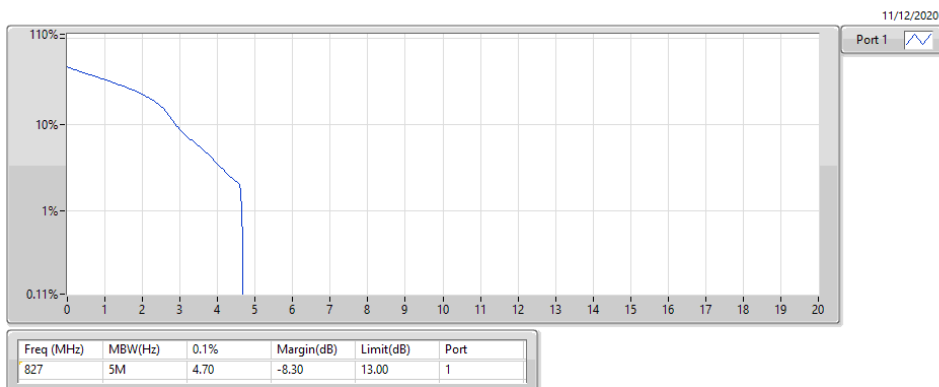
**827MHz\_16QAM\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

**827MHz\_16QAM\_RB 1,#RB L**

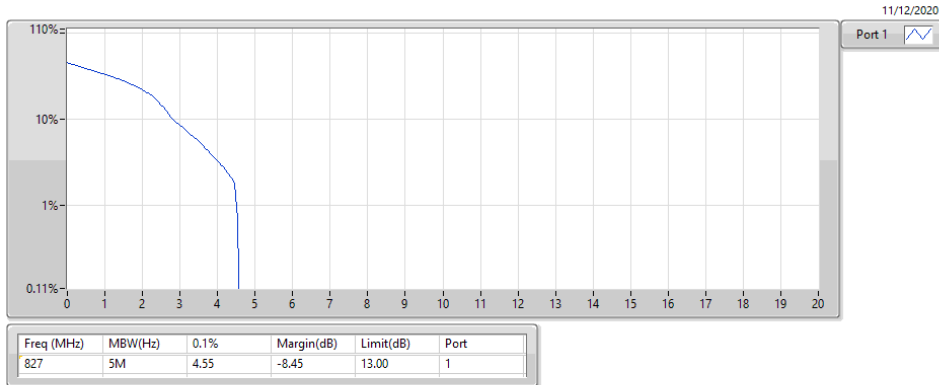


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

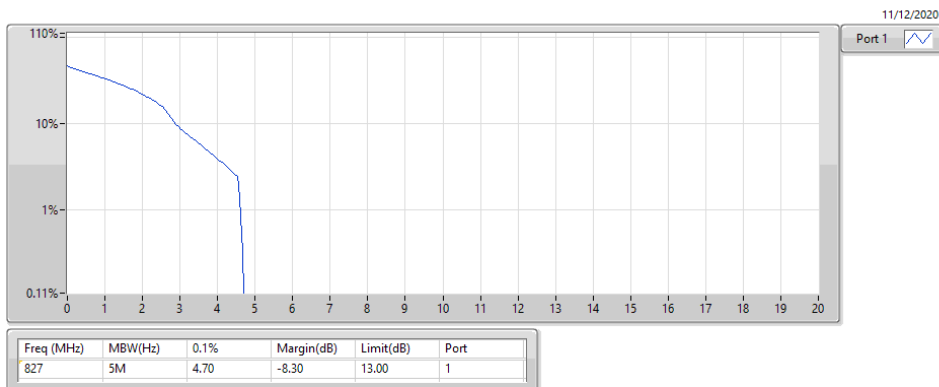
**827MHz\_16QAM\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

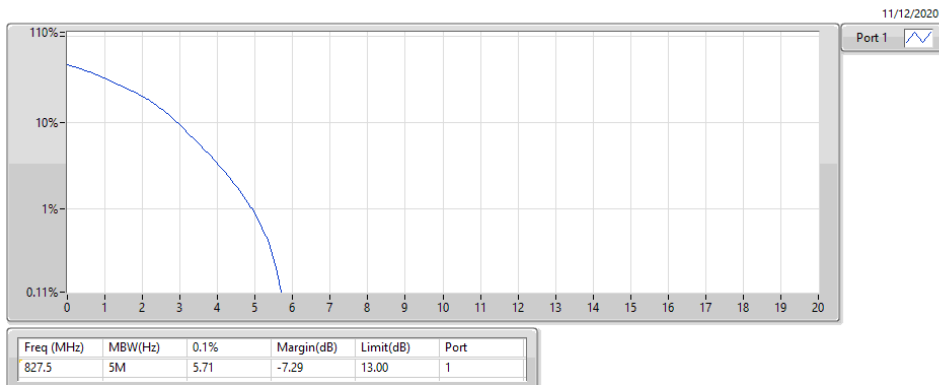
**827MHz\_16QAM\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

**827.5MHz\_16QAM\_RB 25,#RB 0**

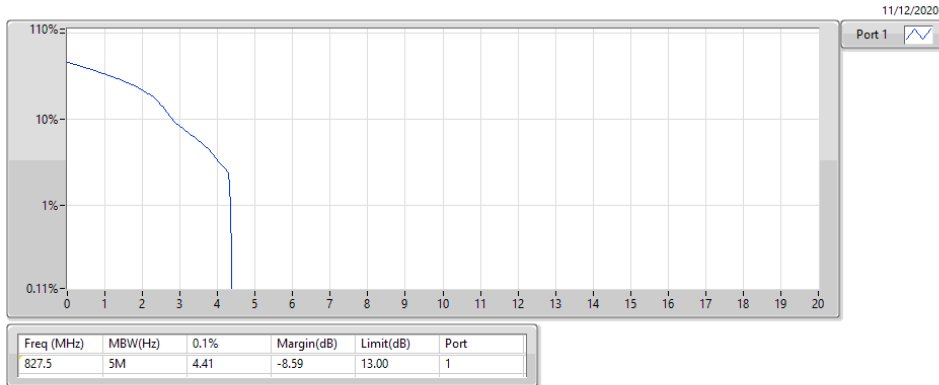


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

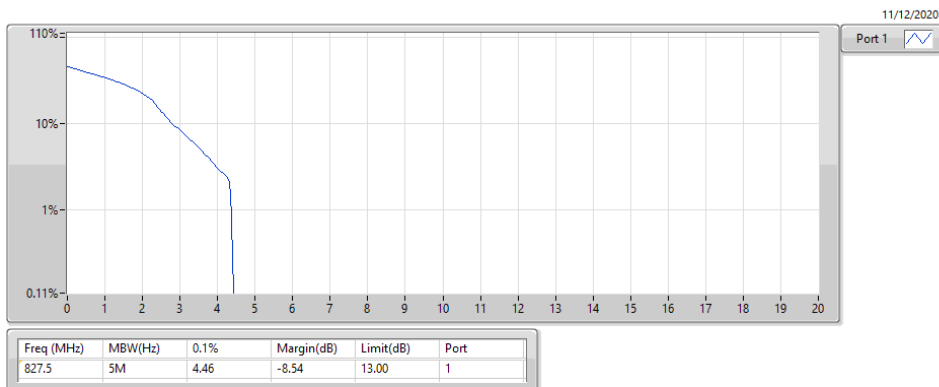
**827.5MHz\_16QAM\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

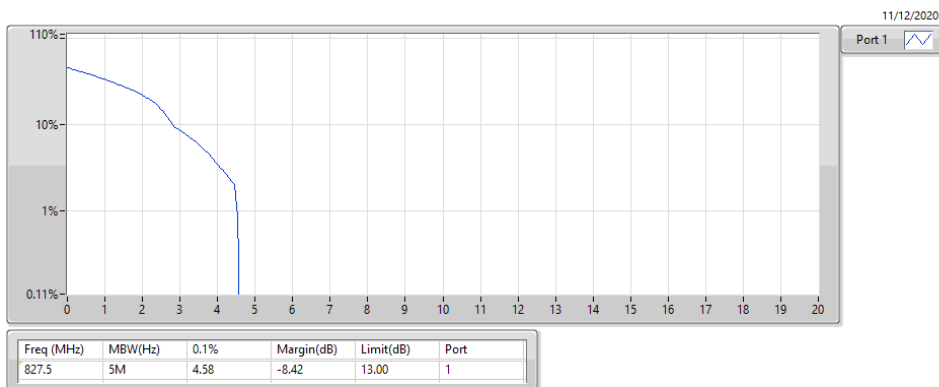
**827.5MHz\_16QAM\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,16QAM\_1TX**

**PAR**

**827.5MHz\_16QAM\_RB 1,#RB H**

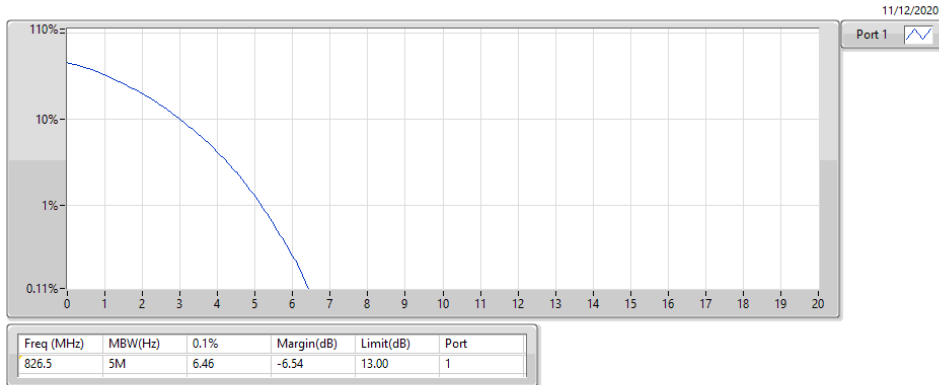


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

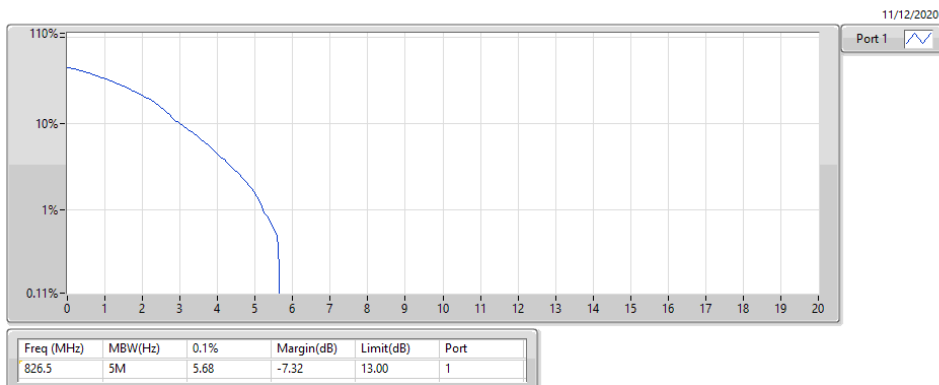
**826.5MHz\_64QAM\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

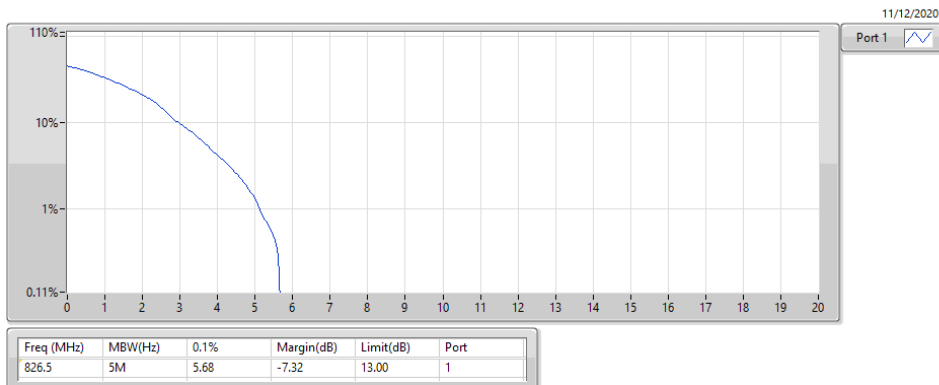
**826.5MHz\_64QAM\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

**826.5MHz\_64QAM\_RB 1,#RB M**

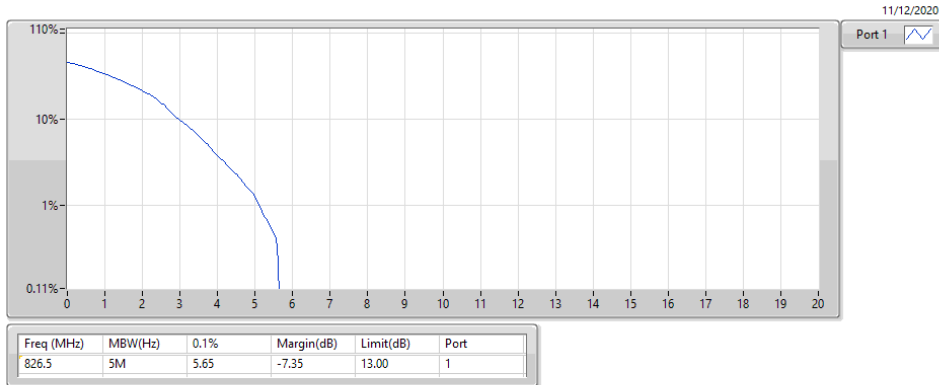


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

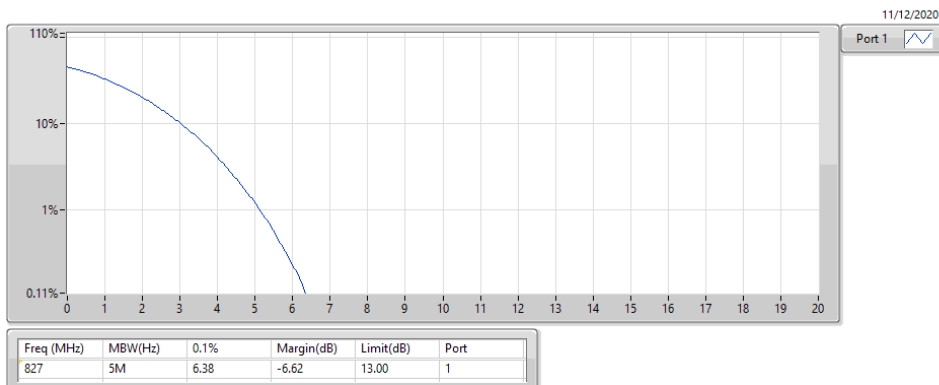
**826.5MHz\_64QAM\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

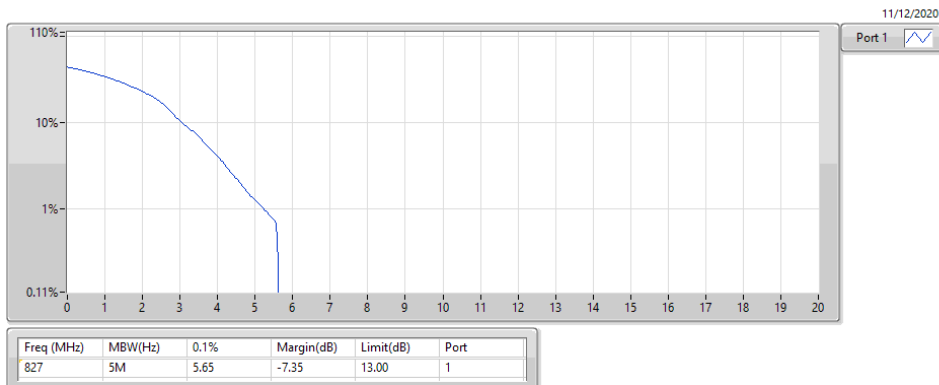
**827MHz\_64QAM\_RB 25,#RB 0**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

**827MHz\_64QAM\_RB 1,#RB L**

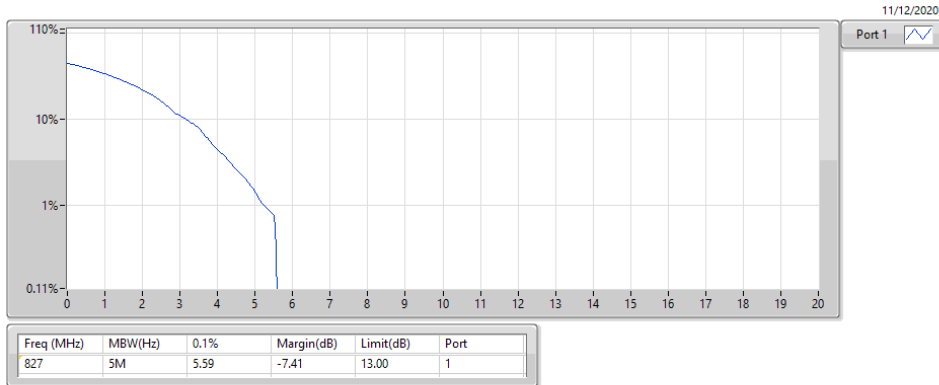


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

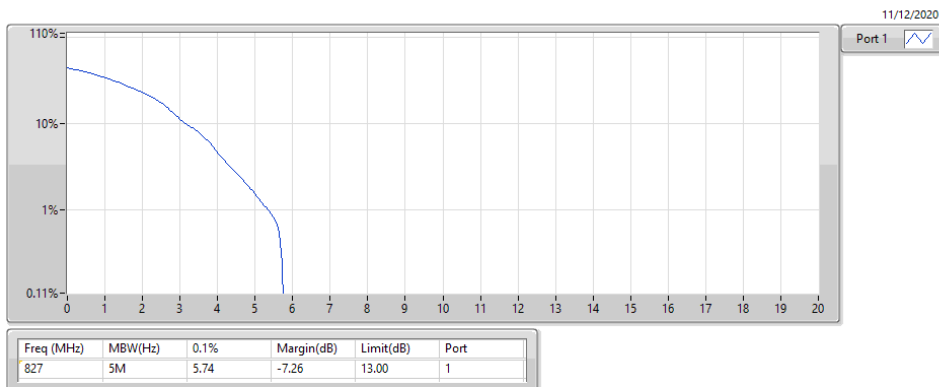
**827MHz\_64QAM\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

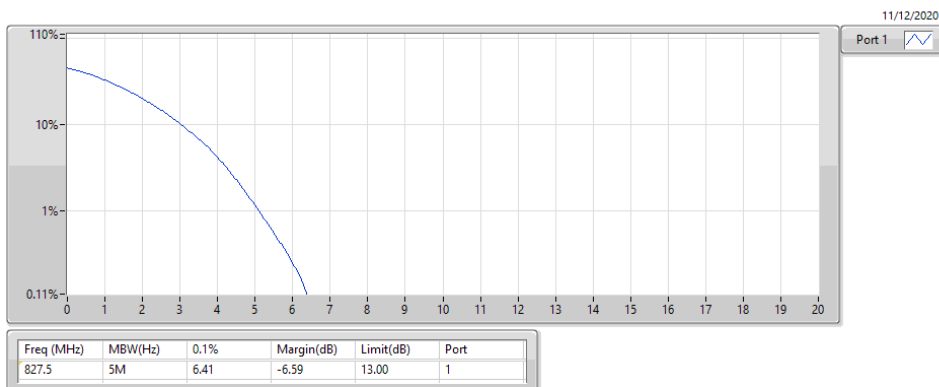
**827MHz\_64QAM\_RB 1,#RB H**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

**827.5MHz\_64QAM\_RB 25,#RB 0**

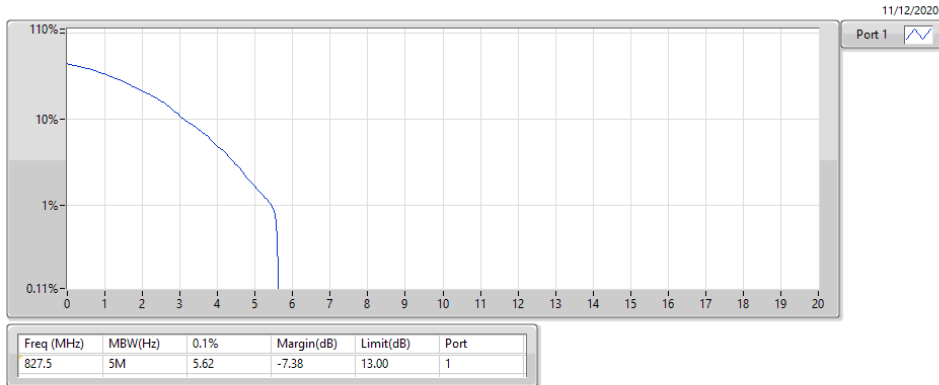


Test Mode: Mode 11 / EUT 2 + Set 3 antenna (LTE Band 18)

**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

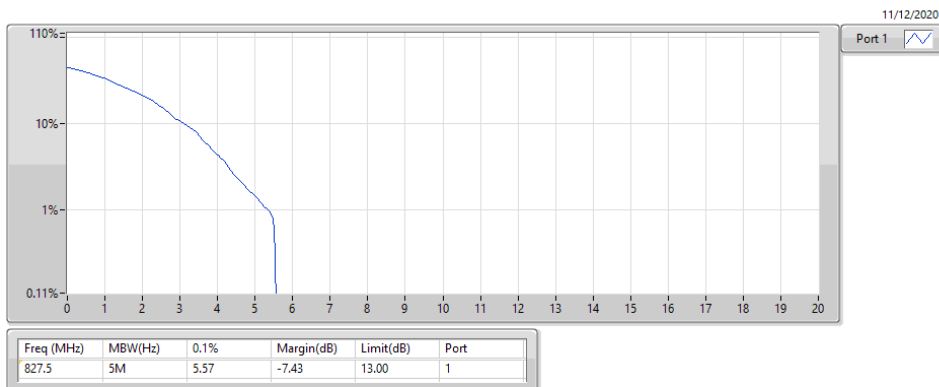
**827.5MHz\_64QAM\_RB 1,#RB L**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

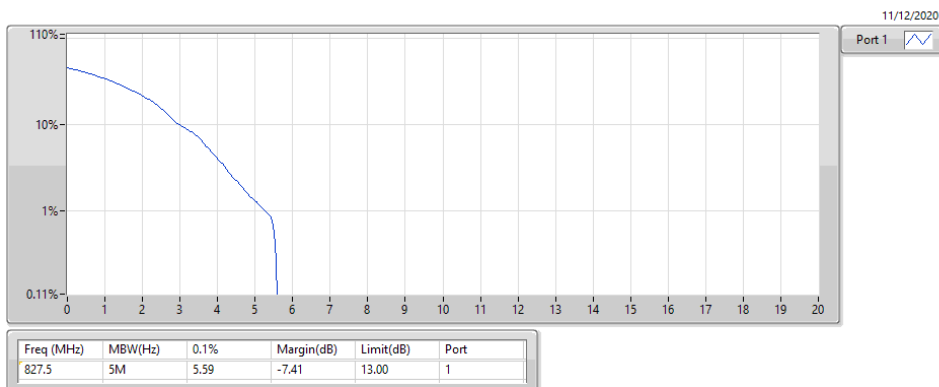
**827.5MHz\_64QAM\_RB 1,#RB M**



**Band 18\_LTE\_5MHz\_Nss1,64QAM\_1TX**

**PAR**

**827.5MHz\_64QAM\_RB 1,#RB H**







Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Summary**

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 19                  | -      | -             | -             | -    | -    |
| LTE_15MHz_Nss1,QPSK_1TX  | Pass   | 837.5         | 13.00         | 4.29 | 1    |
| LTE_15MHz_Nss1,16QAM_1TX | Pass   | 837.5         | 13.00         | 5.88 | 1    |
| LTE_15MHz_Nss1,64QAM_1TX | Pass   | 837.5         | 13.00         | 6.41 | 1    |



Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Result**

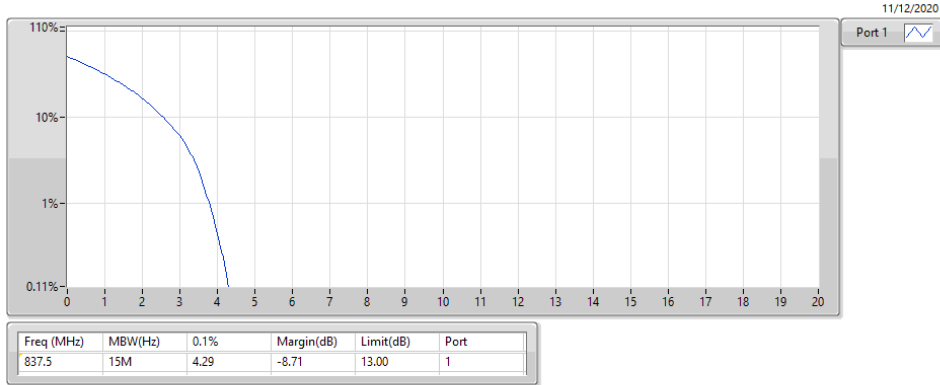
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 19_LTE_15MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 837.5MHz_RB 75,#RB 0             | Pass   | 837.5         | 13.00         | 4.29 | 1    |
| 837.5MHz_RB 1,#RB L              | Pass   | 837.5         | 13.00         | 3.48 | 1    |
| 837.5MHz_RB 1,#RB M              | Pass   | 837.5         | 13.00         | 3.54 | 1    |
| 837.5MHz_RB 1,#RB H              | Pass   | 837.5         | 13.00         | 3.51 | 1    |
| Band 19_LTE_15MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 837.5MHz_RB 75,#RB 0             | Pass   | 837.5         | 13.00         | 5.88 | 1    |
| 837.5MHz_RB 1,#RB L              | Pass   | 837.5         | 13.00         | 4.12 | 1    |
| 837.5MHz_RB 1,#RB M              | Pass   | 837.5         | 13.00         | 4.43 | 1    |
| 837.5MHz_RB 1,#RB H              | Pass   | 837.5         | 13.00         | 5.19 | 1    |
| Band 19_LTE_15MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 837.5MHz_RB 75,#RB 0             | Pass   | 837.5         | 13.00         | 6.41 | 1    |
| 837.5MHz_RB 1,#RB L              | Pass   | 837.5         | 13.00         | 6.35 | 1    |
| 837.5MHz_RB 1,#RB M              | Pass   | 837.5         | 13.00         | 5.51 | 1    |
| 837.5MHz_RB 1,#RB H              | Pass   | 837.5         | 13.00         | 6.23 | 1    |

Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Band 19\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

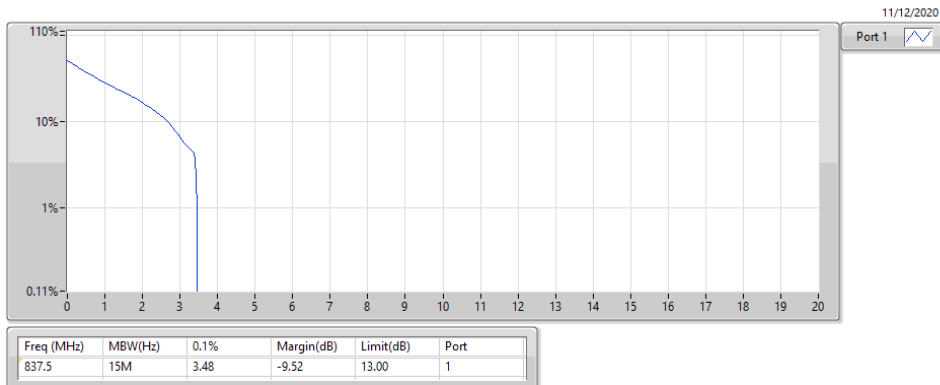
**837.5MHz\_QPSK\_RB 75,#RB 0**



**Band 19\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

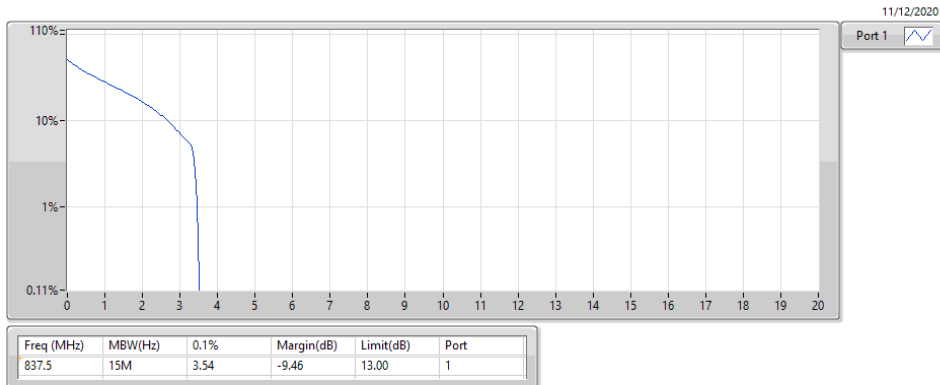
**837.5MHz\_QPSK\_RB 1,#RB L**



**Band 19\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

**837.5MHz\_QPSK\_RB 1,#RB M**

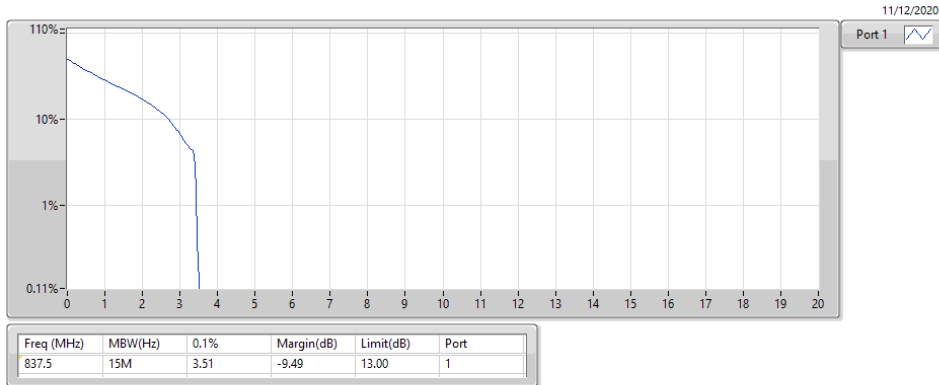


Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Band 19\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

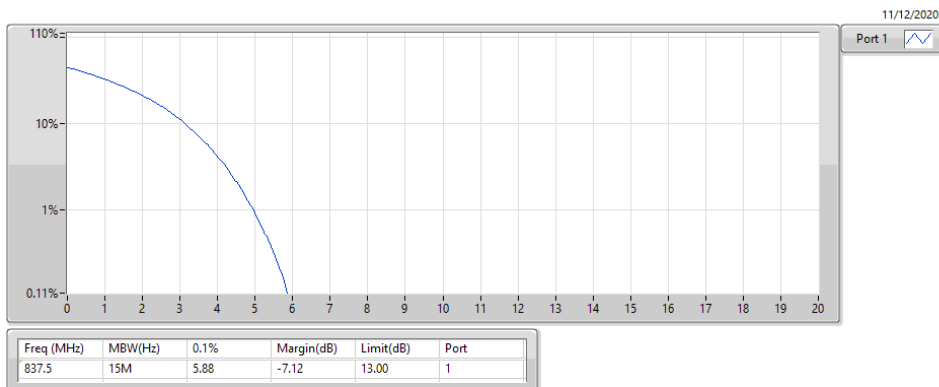
**837.5MHz\_QPSK\_RB 1,#RB H**



**Band 19\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

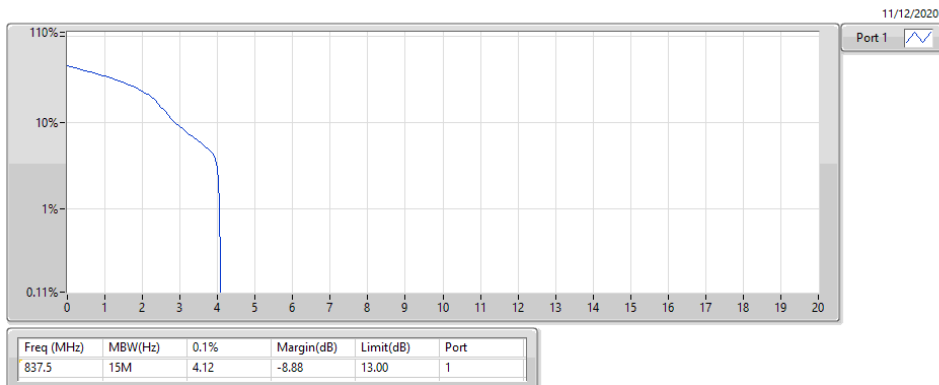
**837.5MHz\_16QAM\_RB 75,#RB 0**



**Band 19\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

**837.5MHz\_16QAM\_RB 1,#RB L**

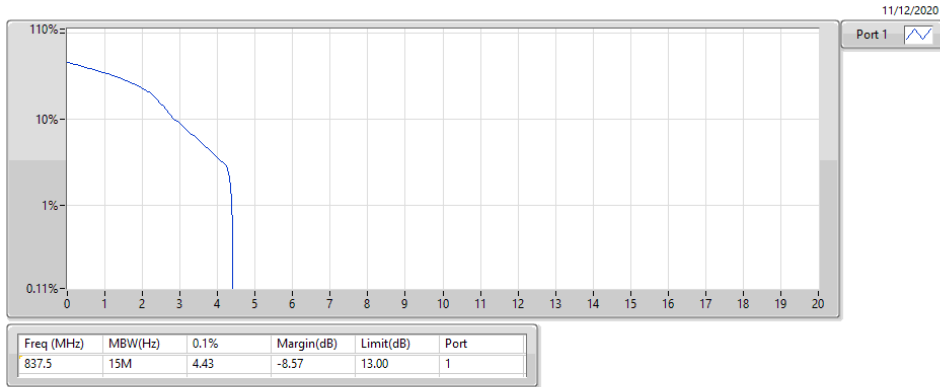


Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Band 19\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

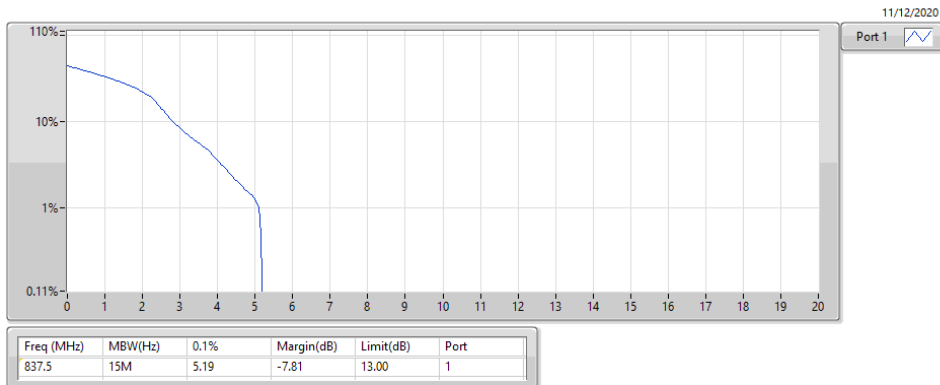
**837.5MHz\_16QAM\_RB 1,#RB M**



**Band 19\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

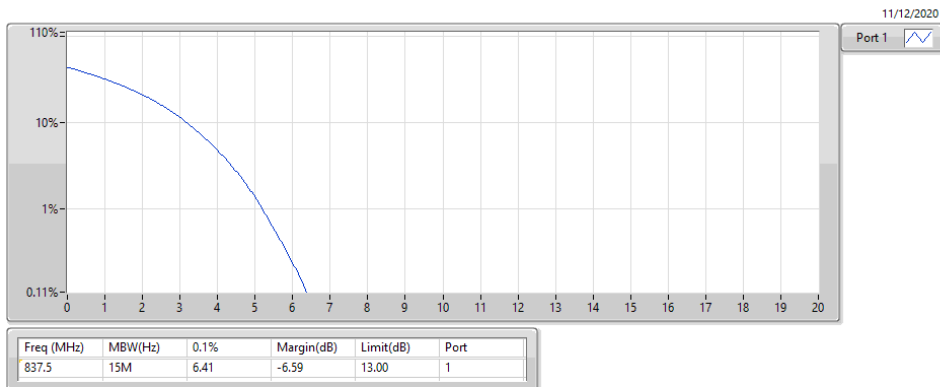
**837.5MHz\_16QAM\_RB 1,#RB H**



**Band 19\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

**837.5MHz\_64QAM\_RB 75,#RB 0**

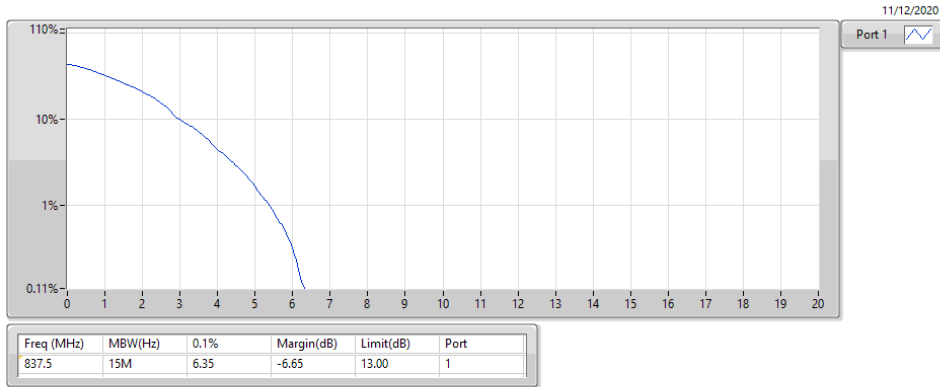


Test Mode: Mode 12 / EUT 2 + Set 3 antenna (LTE Band 19)

**Band 19\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

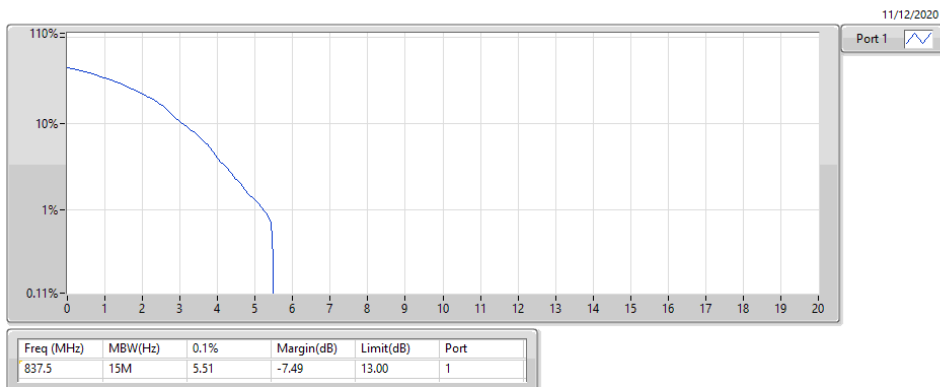
**837.5MHz\_64QAM\_RB 1,#RB L**



**Band 19\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

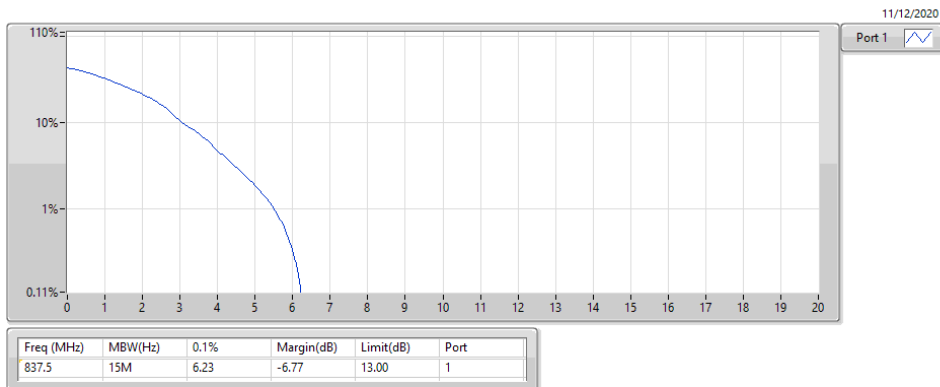
**837.5MHz\_64QAM\_RB 1,#RB M**



**Band 19\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

**837.5MHz\_64QAM\_RB 1,#RB H**





Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Summary**

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 25                  | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 1860          | 13.00         | 3.86 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 1860          | 13.00         | 5.77 | 1    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 1860          | 13.00         | 6.75 | 1    |



Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Result**

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 25_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0             | Pass   | 1860          | 13.00         | 3.86 | 1    |
| 1860MHz_RB 1,#RB L               | Pass   | 1860          | 13.00         | 3.59 | 1    |
| 1860MHz_RB 1,#RB M               | Pass   | 1860          | 13.00         | 3.48 | 1    |
| 1860MHz_RB 1,#RB H               | Pass   | 1860          | 13.00         | 3.54 | 1    |
| 1880MHz_RB 100,#RB 0             | Pass   | 1880          | 13.00         | 3.80 | 1    |
| 1880MHz_RB 1,#RB L               | Pass   | 1880          | 13.00         | 3.45 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 3.57 | 1    |
| 1880MHz_RB 1,#RB H               | Pass   | 1880          | 13.00         | 3.51 | 1    |
| 1905MHz_RB 100,#RB 0             | Pass   | 1905          | 13.00         | 3.71 | 1    |
| 1905MHz_RB 1,#RB L               | Pass   | 1905          | 13.00         | 3.51 | 1    |
| 1905MHz_RB 1,#RB M               | Pass   | 1905          | 13.00         | 3.45 | 1    |
| 1905MHz_RB 1,#RB H               | Pass   | 1905          | 13.00         | 3.48 | 1    |
| Band 25_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0             | Pass   | 1860          | 13.00         | 5.77 | 1    |
| 1860MHz_RB 1,#RB L               | Pass   | 1860          | 13.00         | 5.33 | 1    |
| 1860MHz_RB 1,#RB M               | Pass   | 1860          | 13.00         | 4.20 | 1    |
| 1860MHz_RB 1,#RB H               | Pass   | 1860          | 13.00         | 5.48 | 1    |
| 1880MHz_RB 100,#RB 0             | Pass   | 1880          | 13.00         | 5.62 | 1    |
| 1880MHz_RB 1,#RB L               | Pass   | 1880          | 13.00         | 5.22 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.87 | 1    |
| 1880MHz_RB 1,#RB H               | Pass   | 1880          | 13.00         | 5.62 | 1    |
| 1905MHz_RB 100,#RB 0             | Pass   | 1905          | 13.00         | 5.59 | 1    |
| 1905MHz_RB 1,#RB L               | Pass   | 1905          | 13.00         | 5.45 | 1    |
| 1905MHz_RB 1,#RB M               | Pass   | 1905          | 13.00         | 5.33 | 1    |
| 1905MHz_RB 1,#RB H               | Pass   | 1905          | 13.00         | 5.19 | 1    |
| Band 25_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 1860MHz_RB 100,#RB 0             | Pass   | 1860          | 13.00         | 6.35 | 1    |
| 1860MHz_RB 1,#RB L               | Pass   | 1860          | 13.00         | 6.75 | 1    |
| 1860MHz_RB 1,#RB M               | Pass   | 1860          | 13.00         | 5.59 | 1    |
| 1860MHz_RB 1,#RB H               | Pass   | 1860          | 13.00         | 6.29 | 1    |
| 1880MHz_RB 100,#RB 0             | Pass   | 1880          | 13.00         | 6.17 | 1    |
| 1880MHz_RB 1,#RB L               | Pass   | 1880          | 13.00         | 6.32 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 5.91 | 1    |
| 1880MHz_RB 1,#RB H               | Pass   | 1880          | 13.00         | 6.55 | 1    |
| 1905MHz_RB 100,#RB 0             | Pass   | 1905          | 13.00         | 6.12 | 1    |
| 1905MHz_RB 1,#RB L               | Pass   | 1905          | 13.00         | 6.43 | 1    |
| 1905MHz_RB 1,#RB M               | Pass   | 1905          | 13.00         | 6.49 | 1    |
| 1905MHz_RB 1,#RB H               | Pass   | 1905          | 13.00         | 6.61 | 1    |

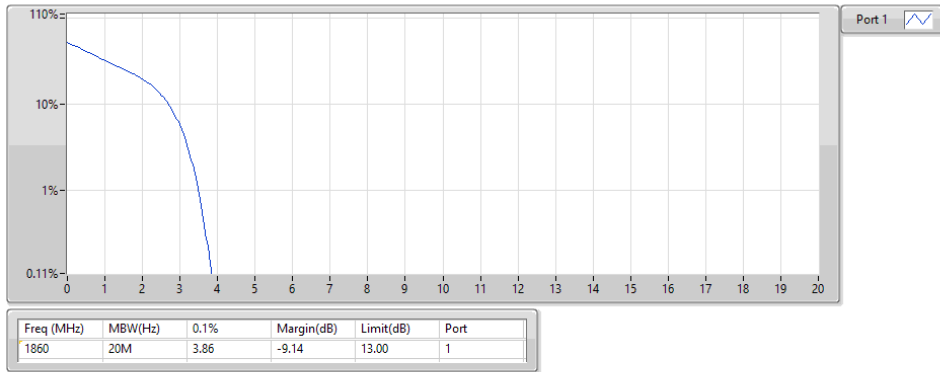


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

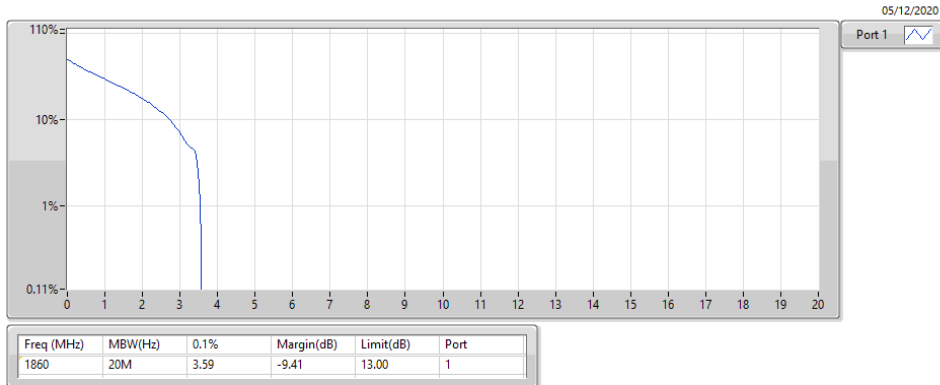
1860MHz\_QPSK\_RB 100,#RB 0



Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

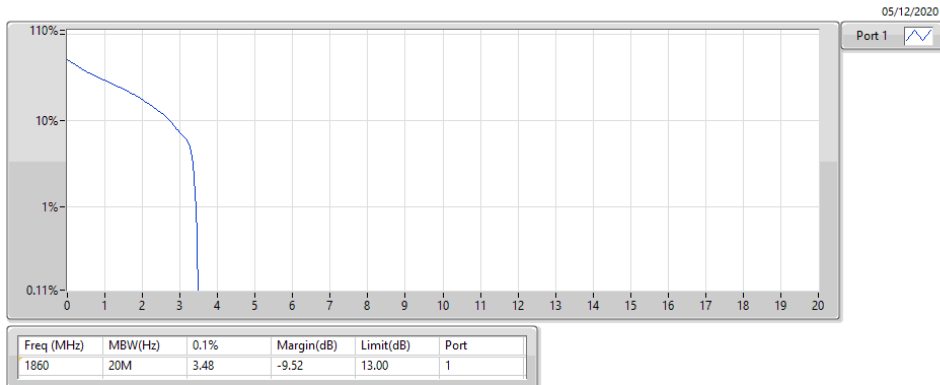
1860MHz\_QPSK\_RB 1,#RB L



Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

1860MHz\_QPSK\_RB 1,#RB M

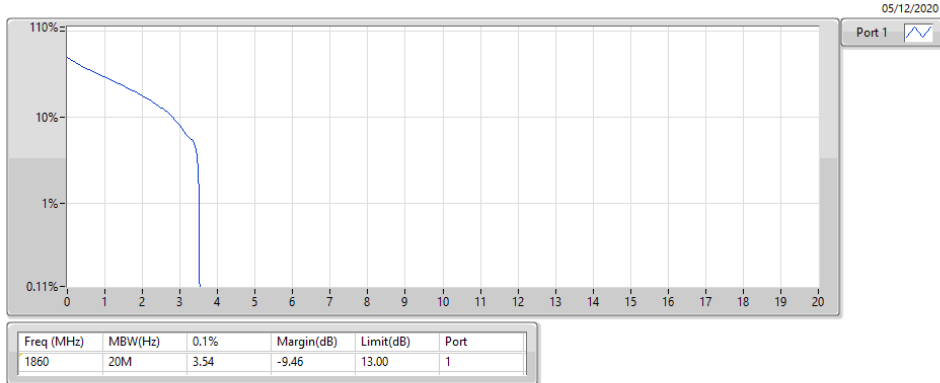


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

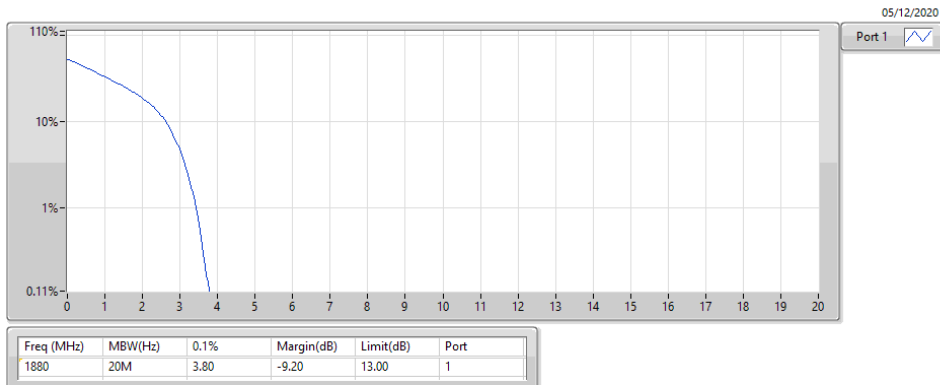
**1860MHz\_QPSK\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

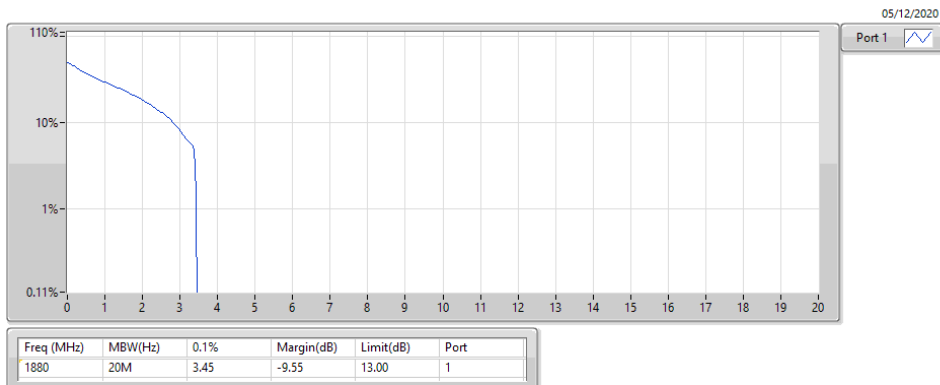
**1880MHz\_QPSK\_RB 100,#RB 0**



**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1880MHz\_QPSK\_RB 1,#RB L**

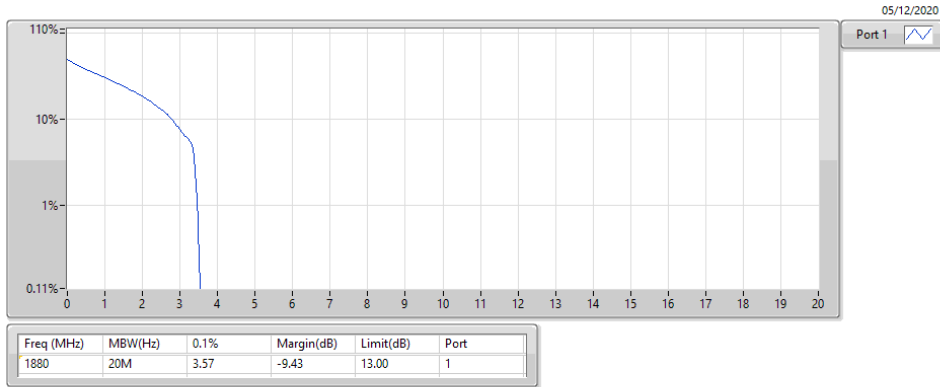


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

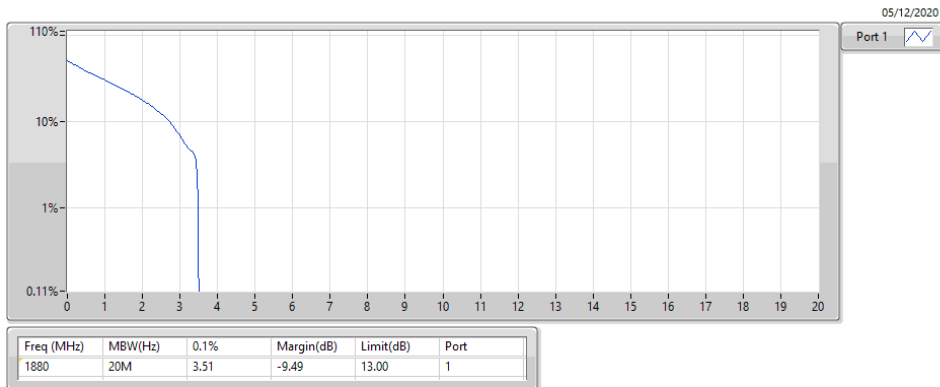
**1880MHz\_QPSK\_RB 1,#RB M**



**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

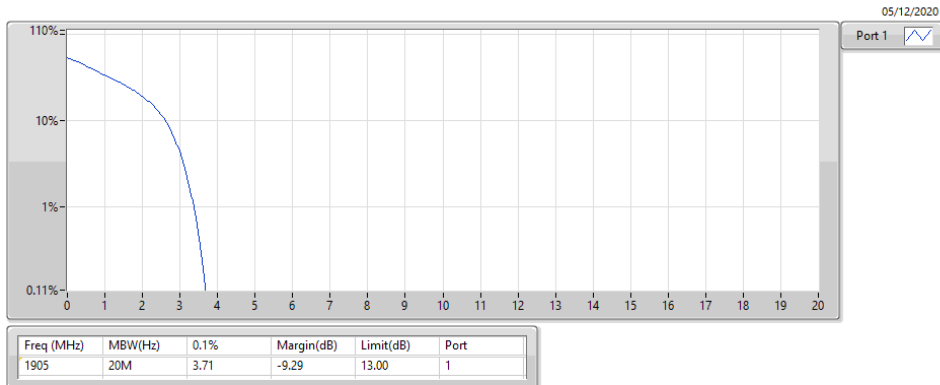
**1880MHz\_QPSK\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1905MHz\_QPSK\_RB 100,#RB 0**

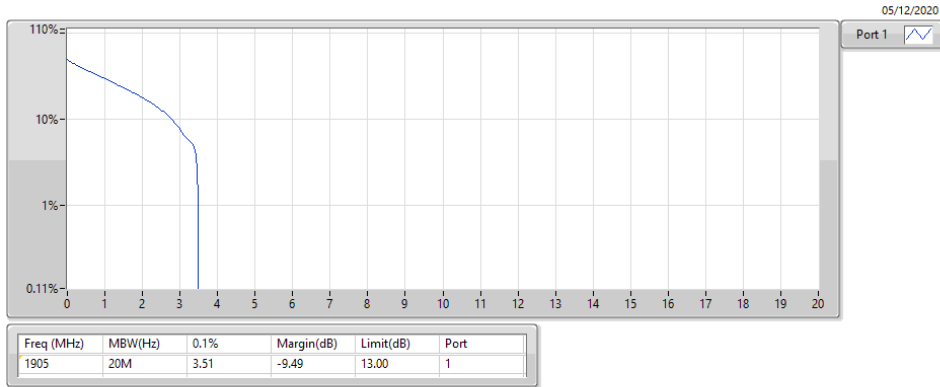


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

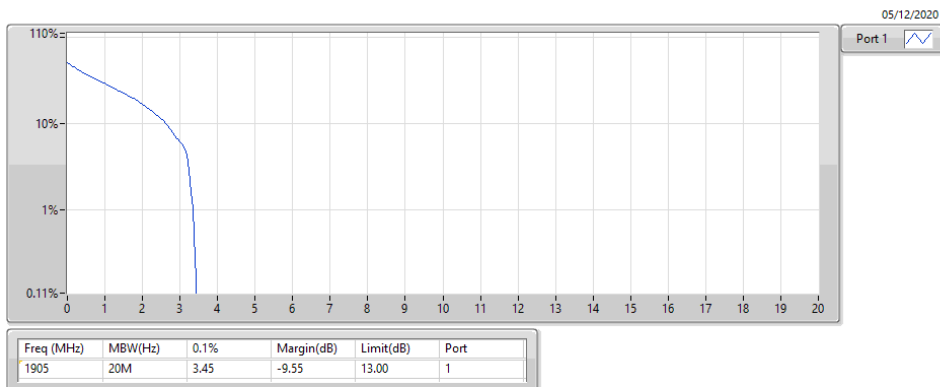
1905MHz\_QPSK\_RB 1,#RB L



Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

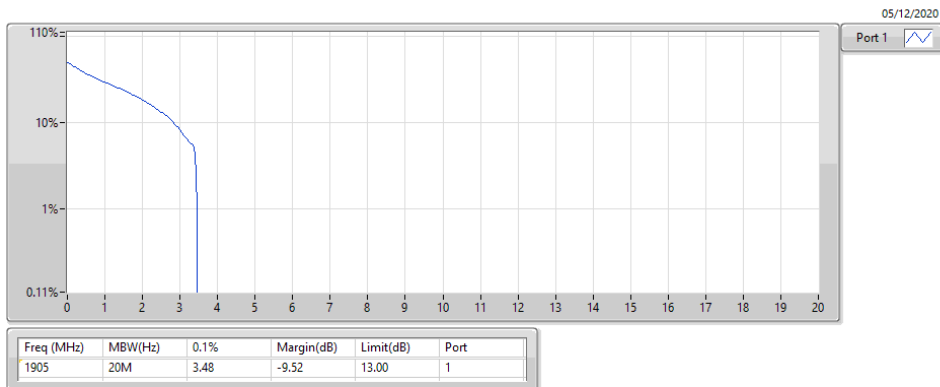
1905MHz\_QPSK\_RB 1,#RB M



Band 25\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

1905MHz\_QPSK\_RB 1,#RB H

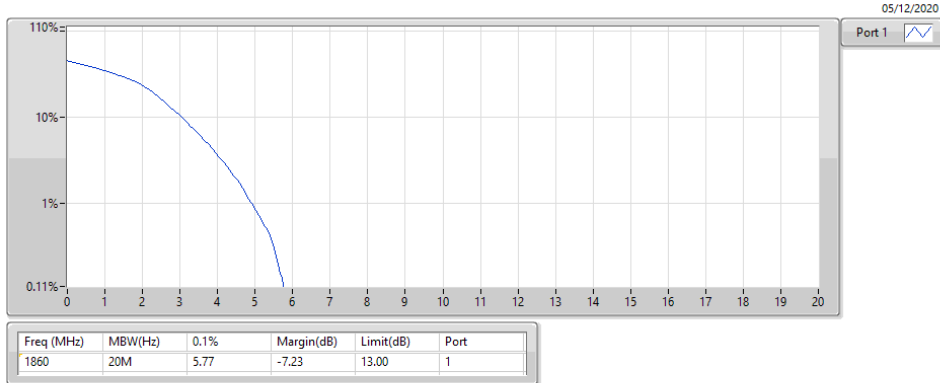


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

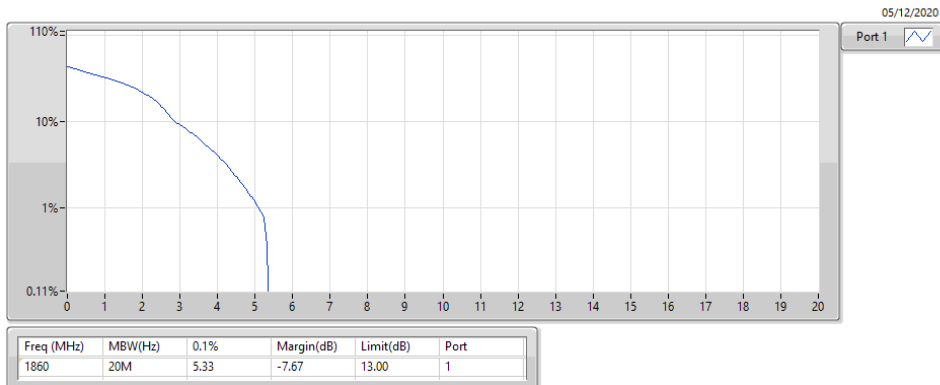
**1860MHz\_16QAM\_RB 100,#RB 0**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

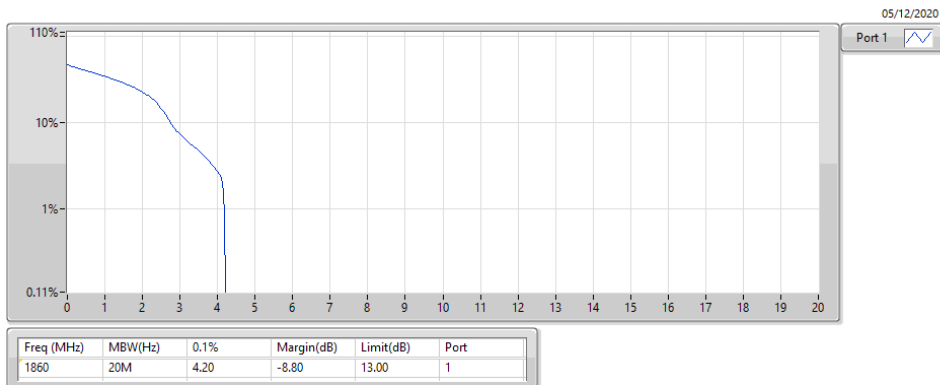
**1860MHz\_16QAM\_RB 1,#RB L**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1860MHz\_16QAM\_RB 1,#RB M**

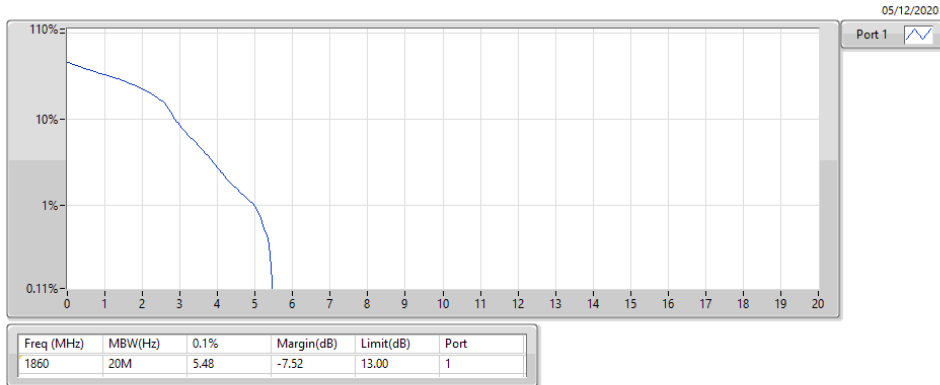


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

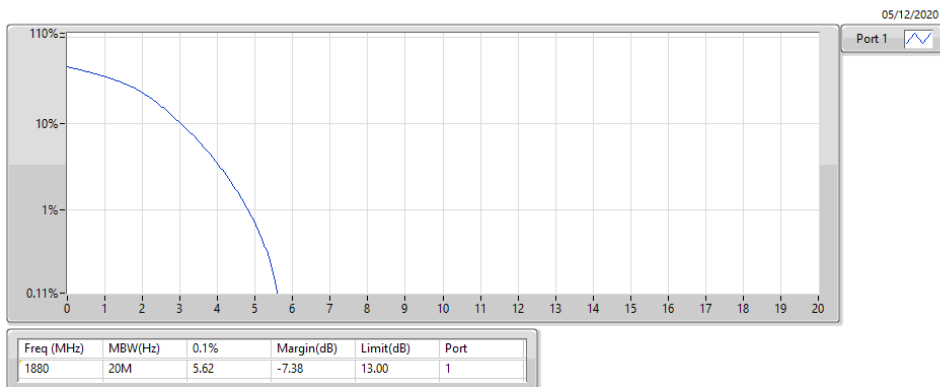
**1860MHz\_16QAM\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

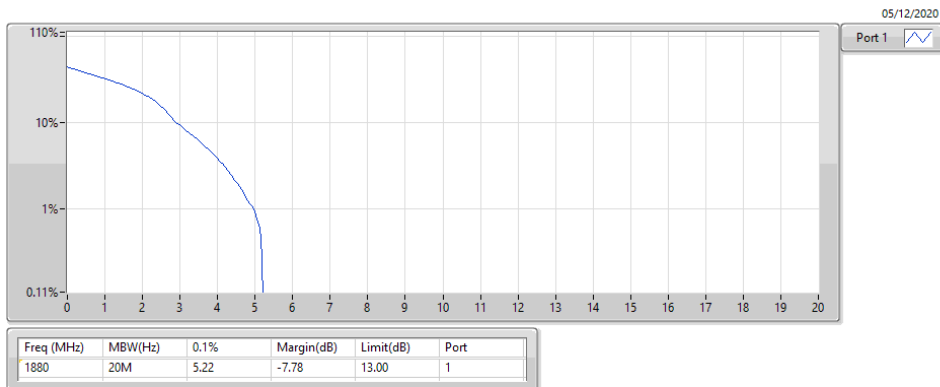
**1880MHz\_16QAM\_RB 100,#RB 0**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1880MHz\_16QAM\_RB 1,#RB L**

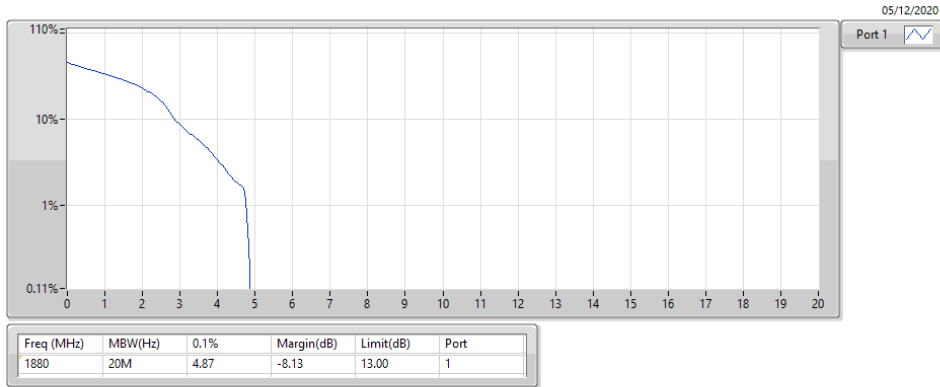


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

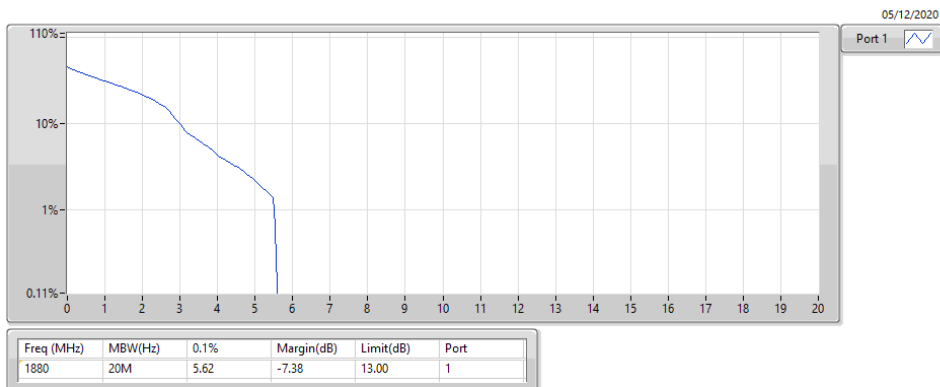
**1880MHz\_16QAM\_RB 1,#RB M**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

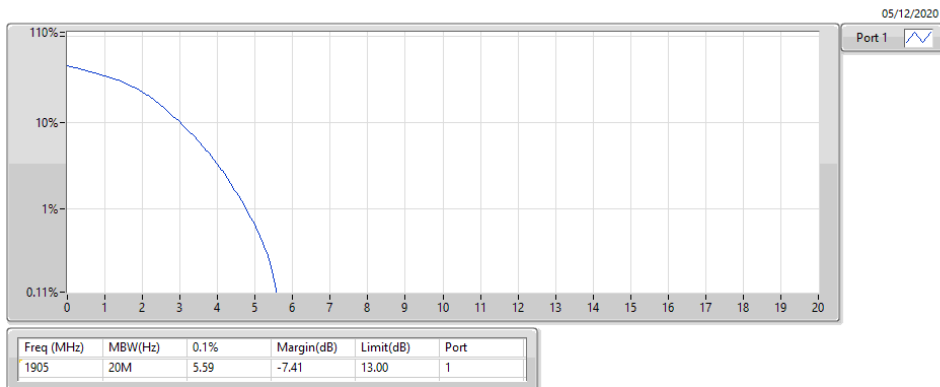
**1880MHz\_16QAM\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1905MHz\_16QAM\_RB 100,#RB 0**

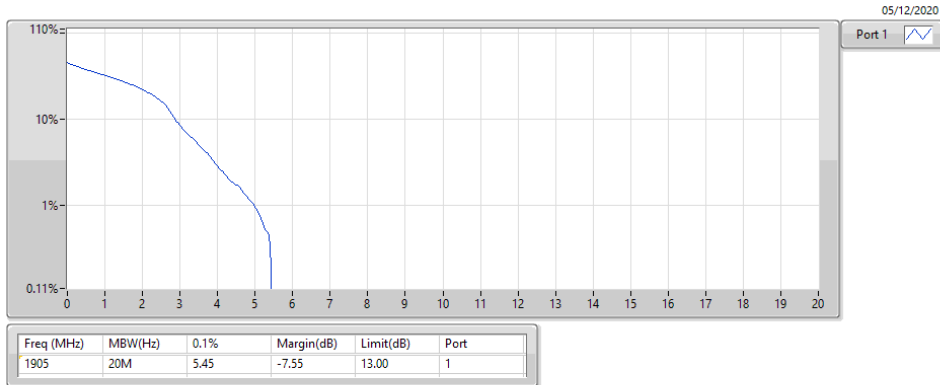


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

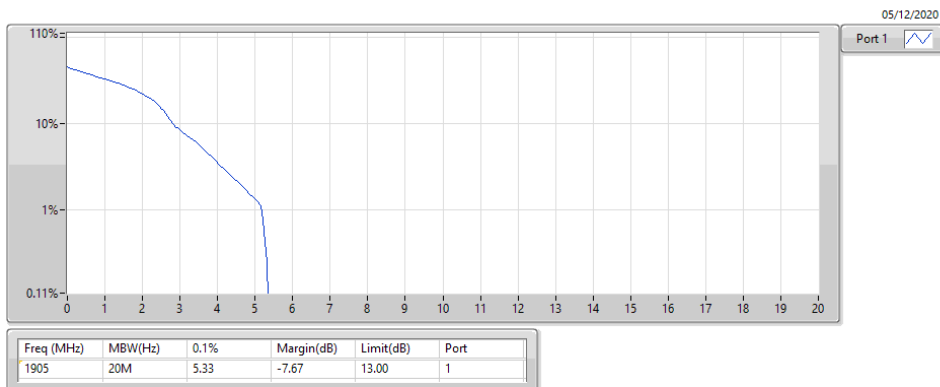
**1905MHz\_16QAM\_RB 1,#RB L**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

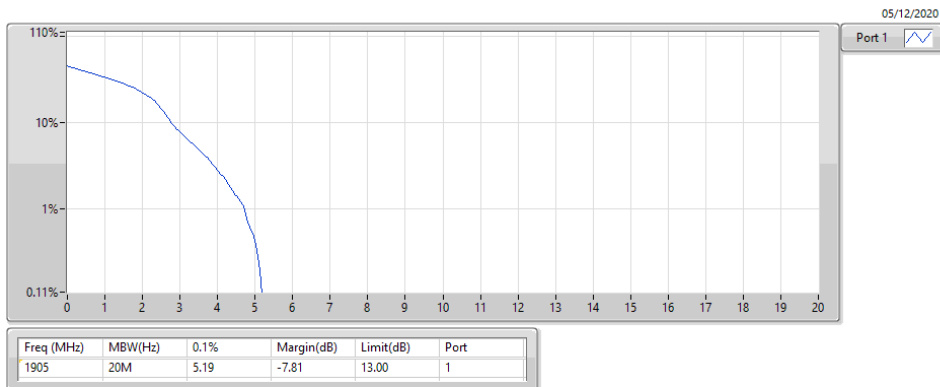
**1905MHz\_16QAM\_RB 1,#RB M**



**Band 25\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1905MHz\_16QAM\_RB 1,#RB H**



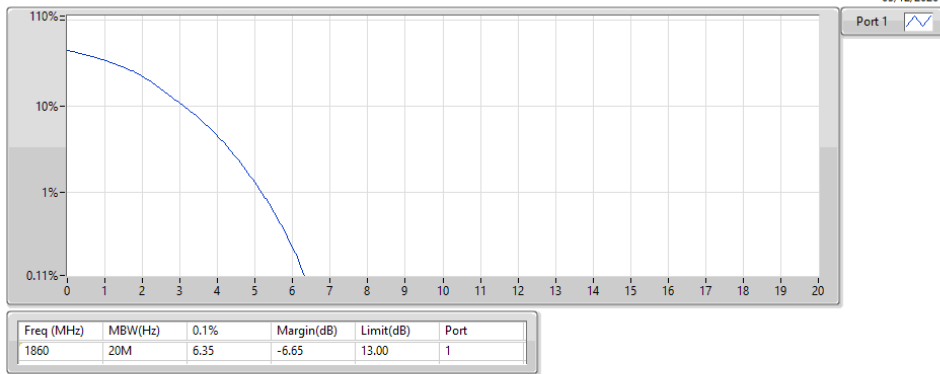


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

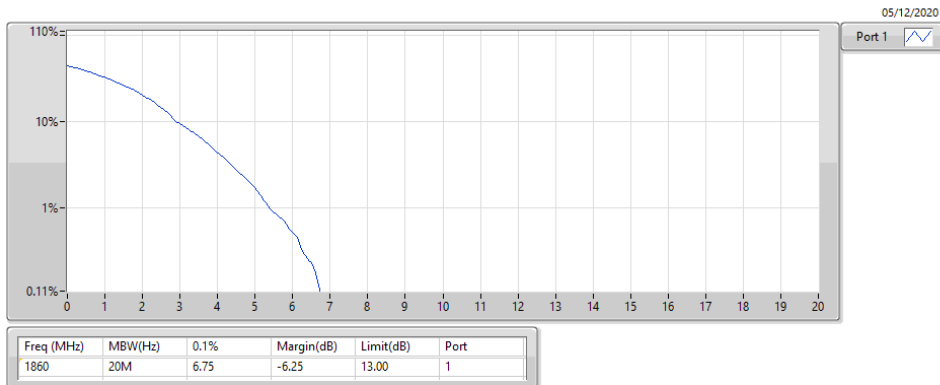
**1860MHz\_64QAM\_RB 100,#RB 0**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

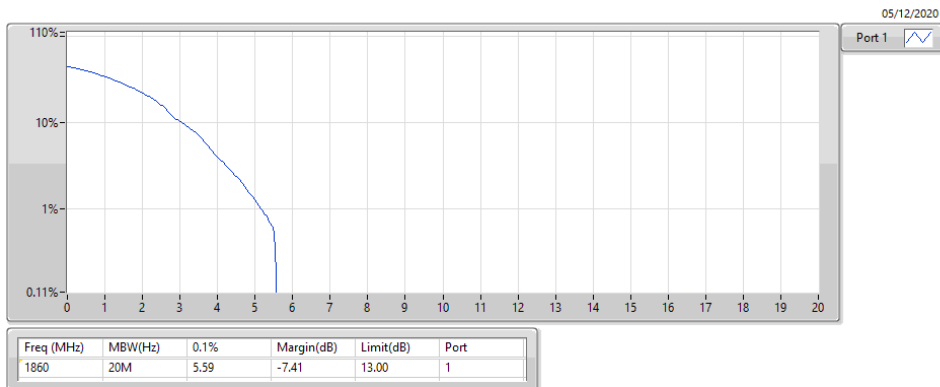
**1860MHz\_64QAM\_RB 1,#RB L**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1860MHz\_64QAM\_RB 1,#RB M**

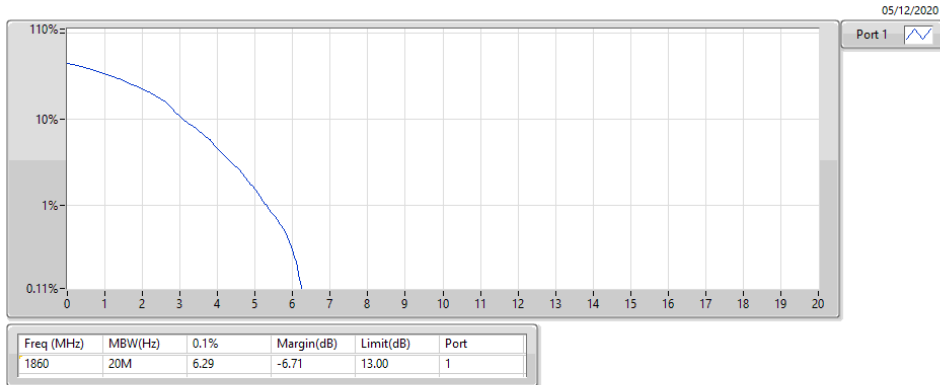


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

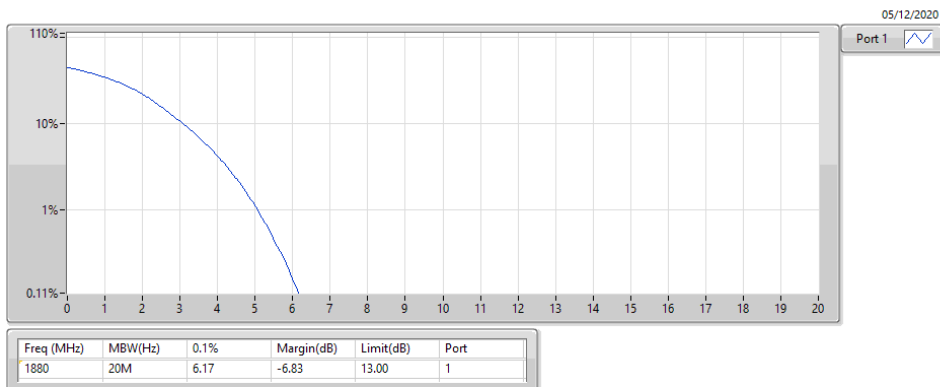
**1860MHz\_64QAM\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

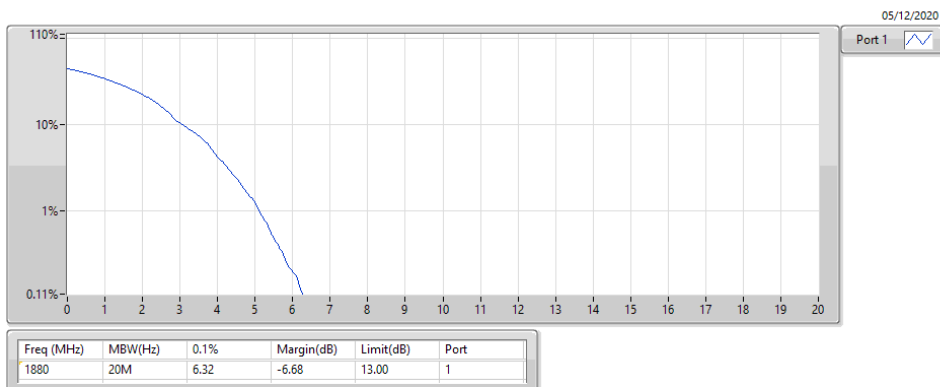
**1880MHz\_64QAM\_RB 100,#RB 0**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1880MHz\_64QAM\_RB 1,#RB L**

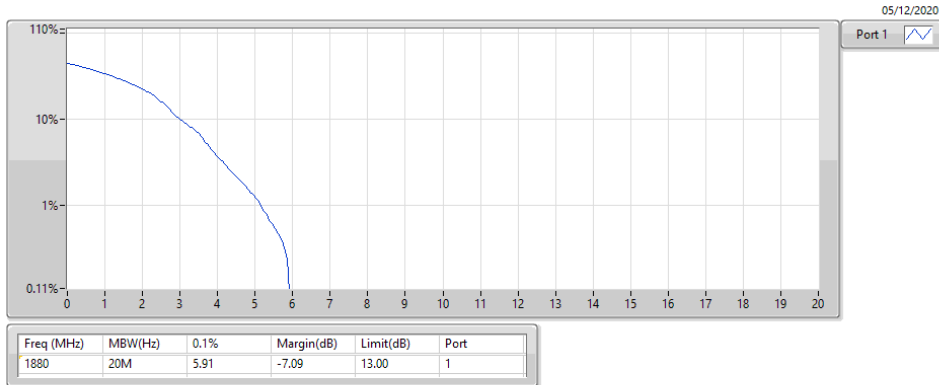


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

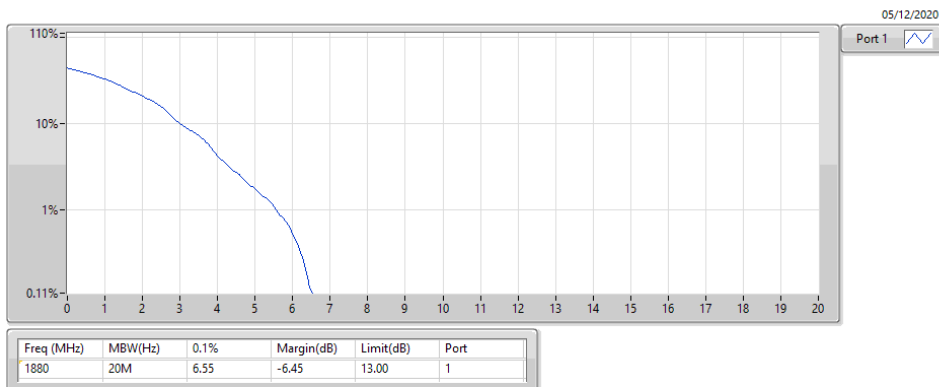
**1880MHz\_64QAM\_RB 1,#RB M**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

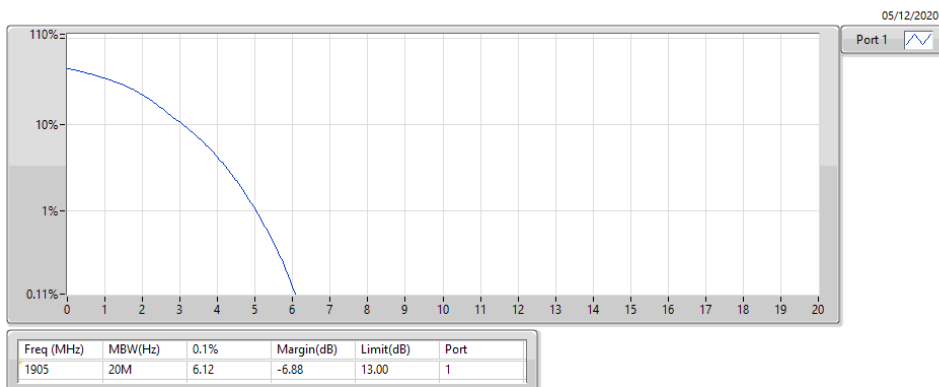
**1880MHz\_64QAM\_RB 1,#RB H**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1905MHz\_64QAM\_RB 100,#RB 0**

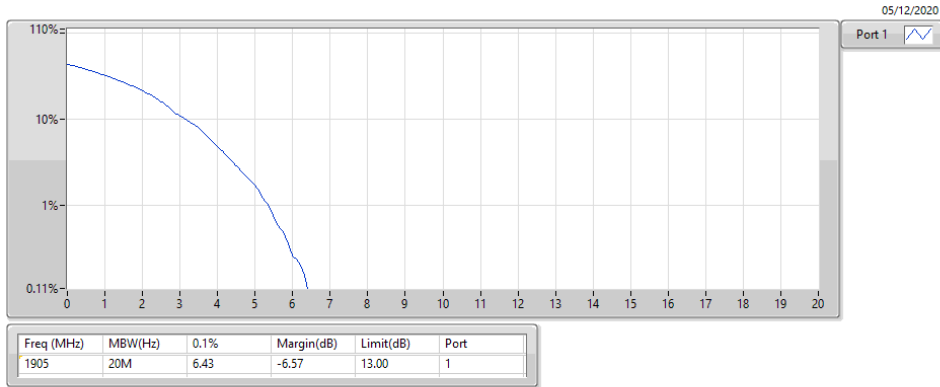


Test Mode: Mode 13 / EUT 2 + Set 3 antenna (LTE Band 25)

**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

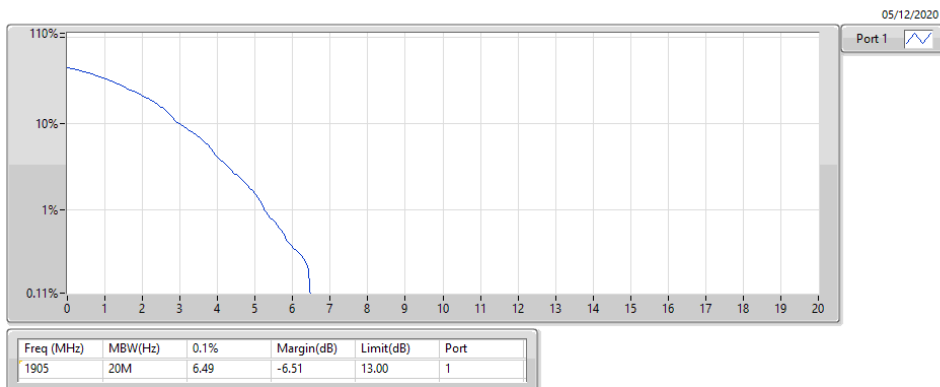
**1905MHz\_64QAM\_RB 1,#RB L**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

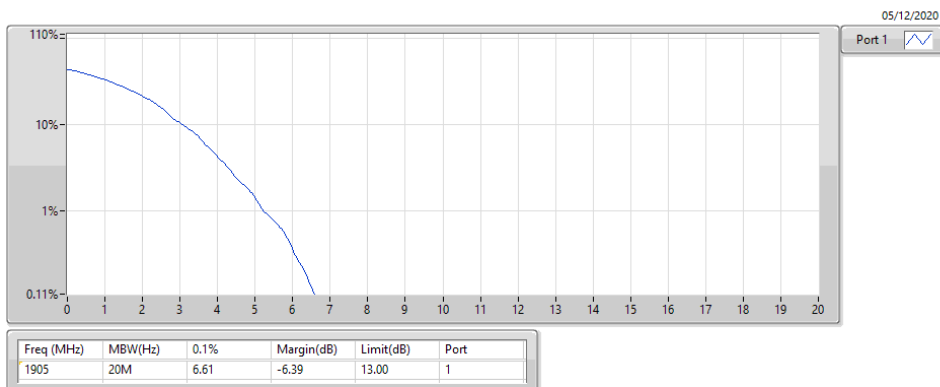
**1905MHz\_64QAM\_RB 1,#RB M**



**Band 25\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1905MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.14

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 26                  | -      | -             | -             | -    | -    |
| LTE_15MHz_Nss1,QPSK_1TX  | Pass   | 831.5         | 13.00         | 4.26 | 1    |
| LTE_15MHz_Nss1,16QAM_1TX | Pass   | 831.5         | 13.00         | 5.83 | 1    |
| LTE_15MHz_Nss1,64QAM_1TX | Pass   | 831.5         | 13.00         | 5.83 | 1    |



Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

Result

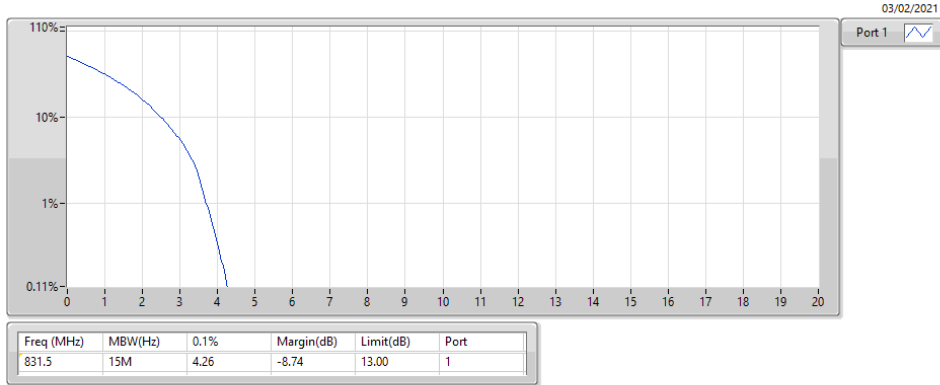
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 26_LTE_15MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 831.5MHz_RB 75,#RB 0             | Pass   | 831.5         | 13.00         | 4.26 | 1    |
| 831.5MHz_RB 1,#RB M              | Pass   | 831.5         | 13.00         | 3.48 | 1    |
| 836.5MHz_RB 75,#RB 0             | Pass   | 836.5         | 13.00         | 4.26 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 3.48 | 1    |
| 841.5MHz_RB 75,#RB 0             | Pass   | 841.5         | 13.00         | 4.26 | 1    |
| 841.5MHz_RB 1,#RB M              | Pass   | 841.5         | 13.00         | 3.51 | 1    |
| Band 26_LTE_15MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 831.5MHz_RB 75,#RB 0             | Pass   | 831.5         | 13.00         | 5.77 | 1    |
| 831.5MHz_RB 1,#RB M              | Pass   | 831.5         | 13.00         | 5.83 | 1    |
| 836.5MHz_RB 75,#RB 0             | Pass   | 836.5         | 13.00         | 5.83 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.68 | 1    |
| 841.5MHz_RB 75,#RB 0             | Pass   | 841.5         | 13.00         | 5.74 | 1    |
| 841.5MHz_RB 1,#RB M              | Pass   | 841.5         | 13.00         | 5.80 | 1    |
| Band 26_LTE_15MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 831.5MHz_RB 75,#RB 0             | Pass   | 831.5         | 13.00         | 5.74 | 1    |
| 831.5MHz_RB 1,#RB M              | Pass   | 831.5         | 13.00         | 5.83 | 1    |
| 836.5MHz_RB 75,#RB 0             | Pass   | 836.5         | 13.00         | 5.77 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.54 | 1    |
| 841.5MHz_RB 75,#RB 0             | Pass   | 841.5         | 13.00         | 5.74 | 1    |
| 841.5MHz_RB 1,#RB M              | Pass   | 841.5         | 13.00         | 5.59 | 1    |

Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

**Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

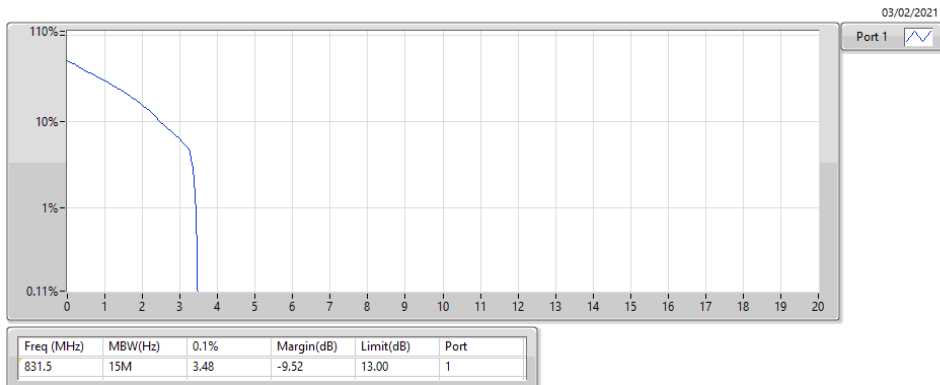
**831.5MHz\_QPSK\_RB 75,#RB 0**



**Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

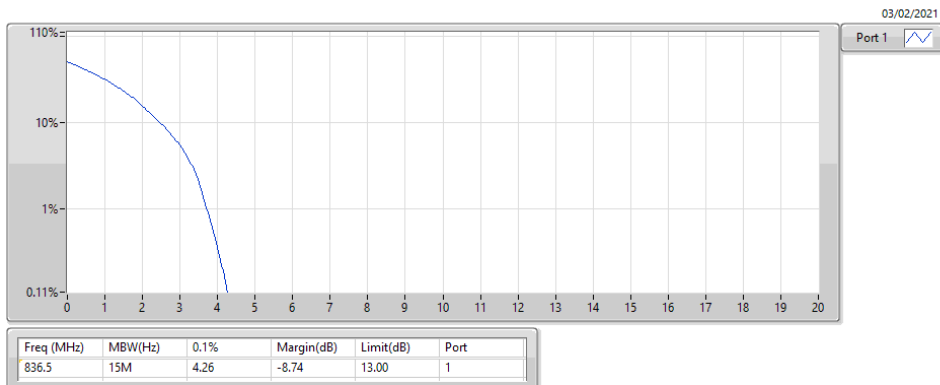
**831.5MHz\_QPSK\_RB 1,#RB M**



**Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX**

**PAR**

**836.5MHz\_QPSK\_RB 75,#RB 0**

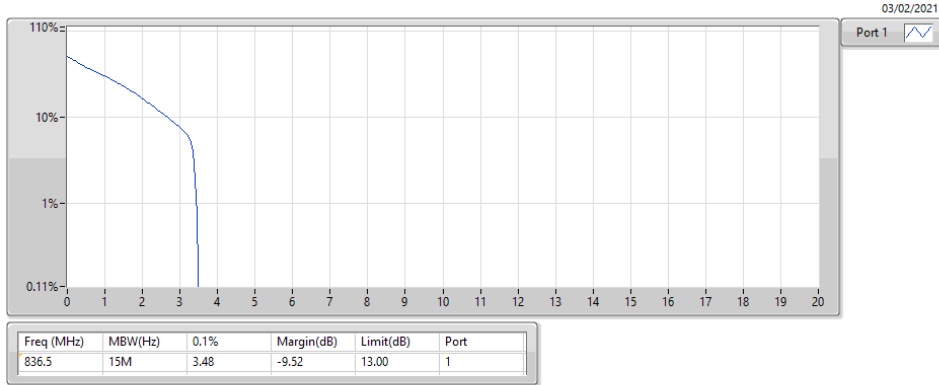


Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX

PAR

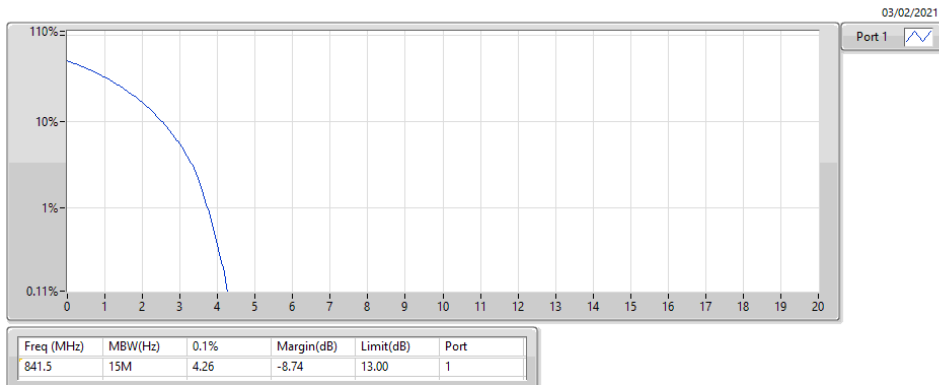
836.5MHz\_QPSK\_RB 1,#RB M



Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX

PAR

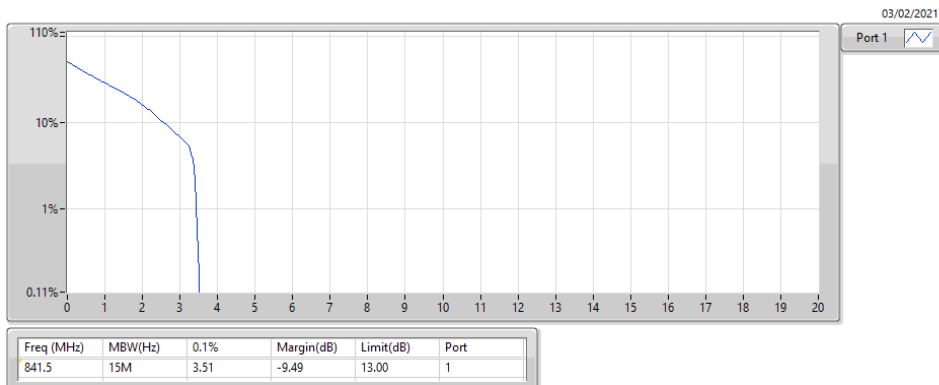
841.5MHz\_QPSK\_RB 75,#RB 0



Band 26\_LTE\_15MHz\_Nss1,QPSK\_1TX

PAR

841.5MHz\_QPSK\_RB 1,#RB M



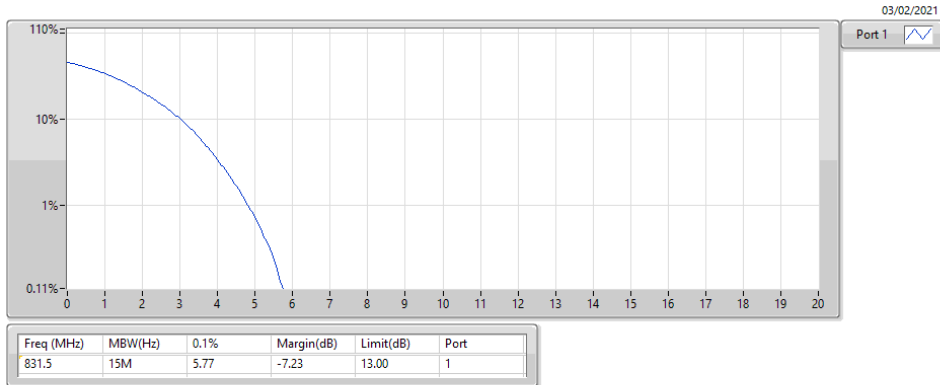


Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

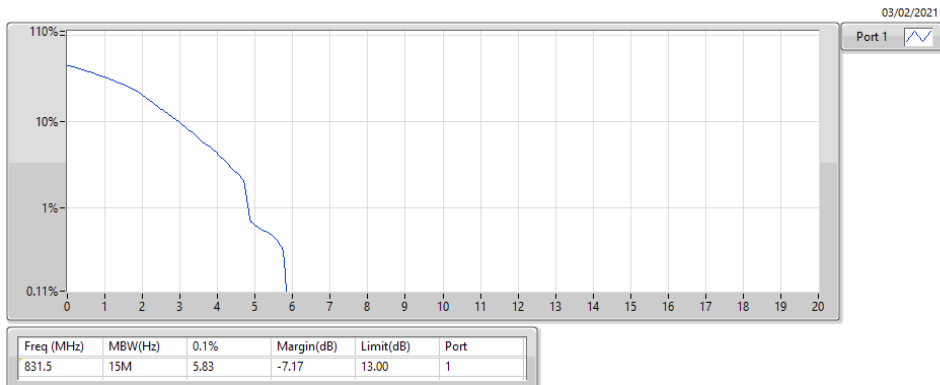
**831.5MHz\_16QAM\_RB 75,#RB 0**



**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

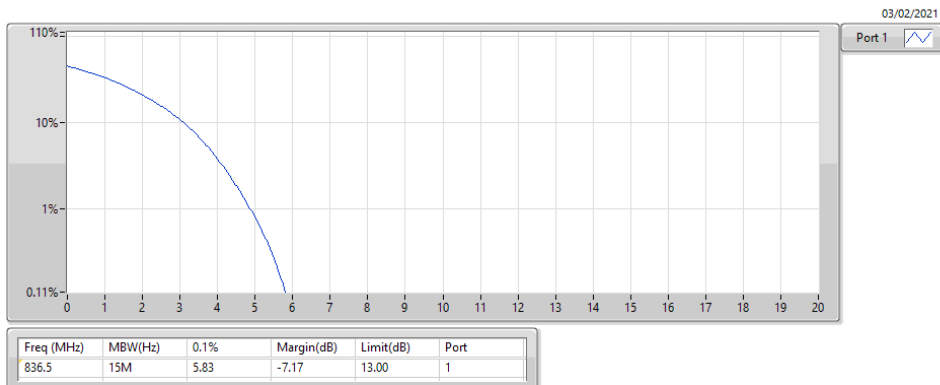
**831.5MHz\_16QAM\_RB 1,#RB M**



**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

**836.5MHz\_16QAM\_RB 75,#RB 0**

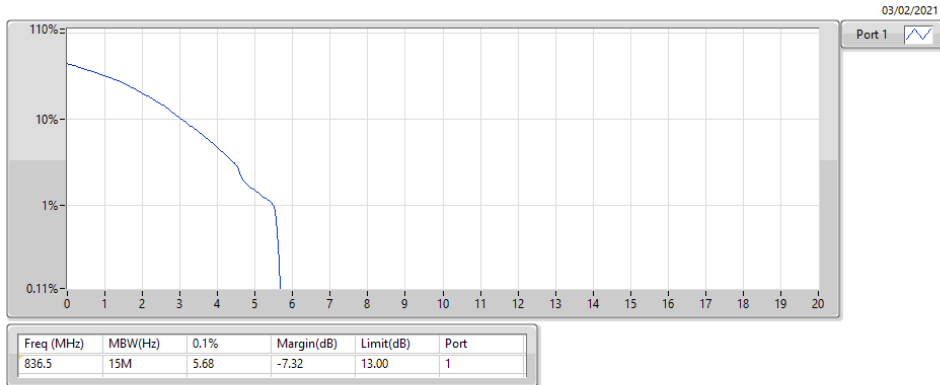


Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

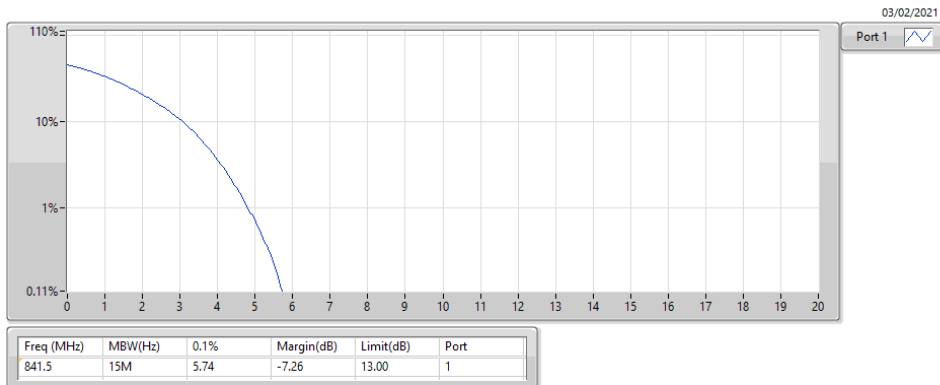
**836.5MHz\_16QAM\_RB 1,#RB M**



**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

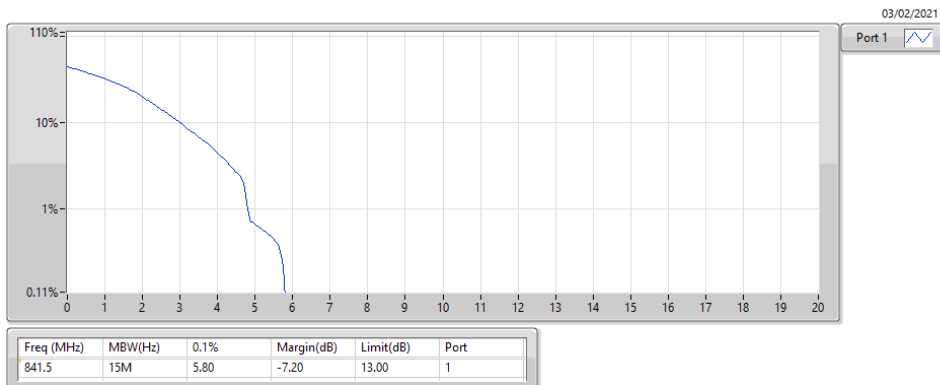
**841.5MHz\_16QAM\_RB 75,#RB 0**



**Band 26\_LTE\_15MHz\_Nss1,16QAM\_1TX**

**PAR**

**841.5MHz\_16QAM\_RB 1,#RB M**

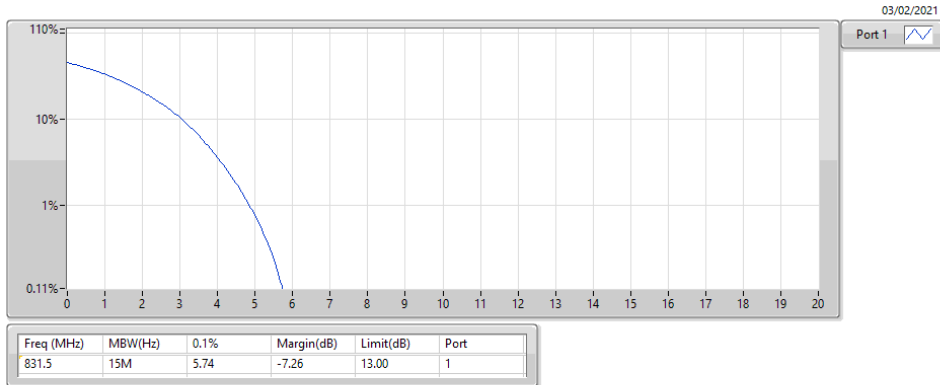


Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

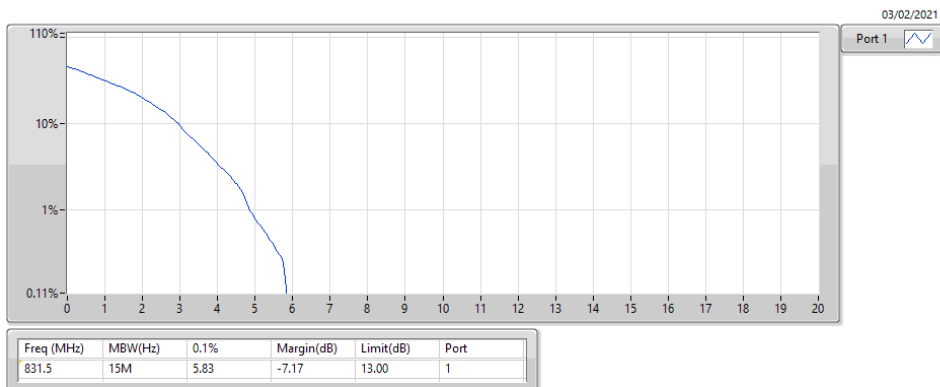
**831.5MHz\_64QAM\_RB 75,#RB 0**



**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

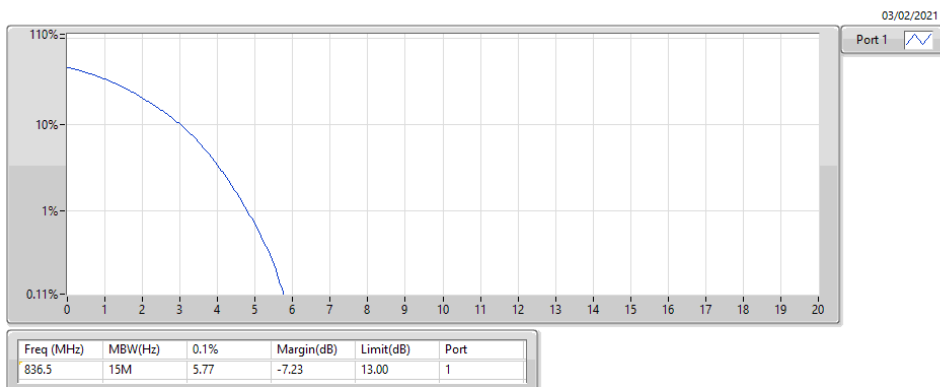
**831.5MHz\_64QAM\_RB 1,#RB M**



**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

**836.5MHz\_64QAM\_RB 75,#RB 0**

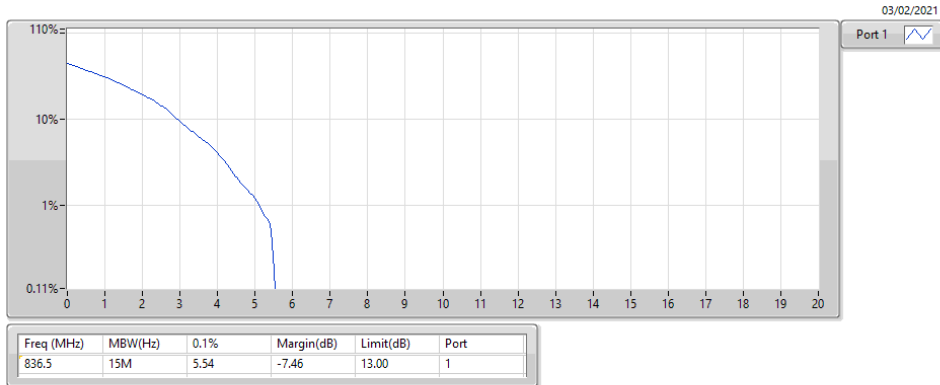


Test Mode: Mode 14 / EUT 2 + Set 3 antenna (LTE Band 26)

**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

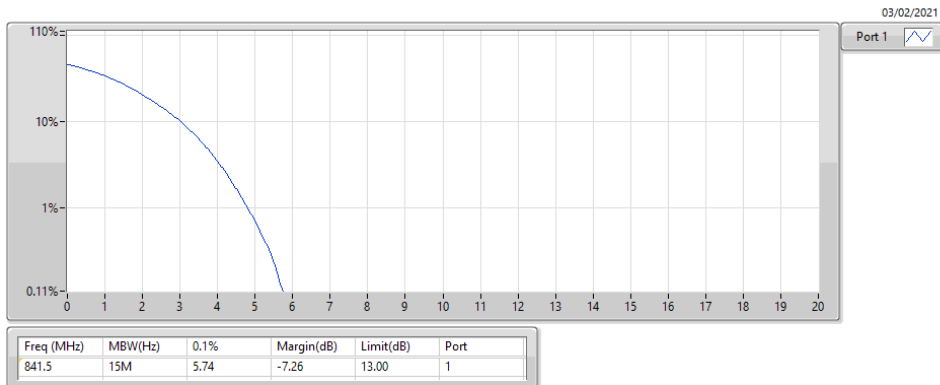
**836.5MHz\_64QAM\_RB 1,#RB M**



**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

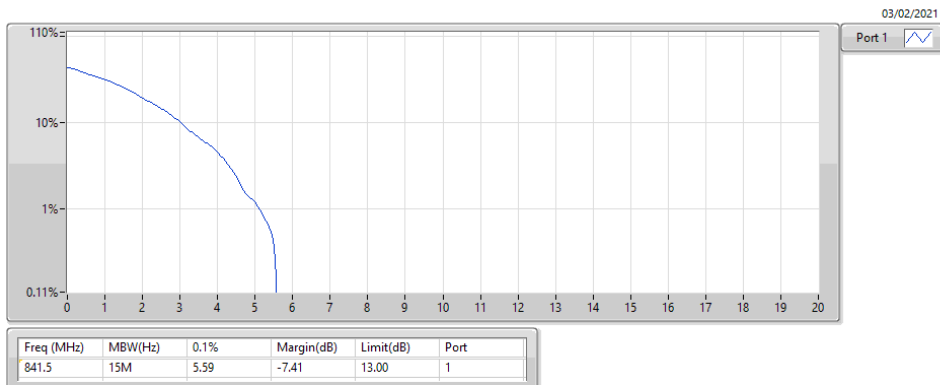
**841.5MHz\_64QAM\_RB 75,#RB 0**



**Band 26\_LTE\_15MHz\_Nss1,64QAM\_1TX**

**PAR**

**841.5MHz\_64QAM\_RB 1,#RB M**





## Peak to Average Power Ratio (PAPR)

## Appendix B.15

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1%  | Port |
|--------------------------|--------|---------------|---------------|-------|------|
| Band 38                  | -      | -             | -             | -     | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 2595          | 13.00         | 12.90 | 3    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 2595          | 13.00         | 10.29 | 3    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 2610          | 13.00         | 9.30  | 3    |



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Result**

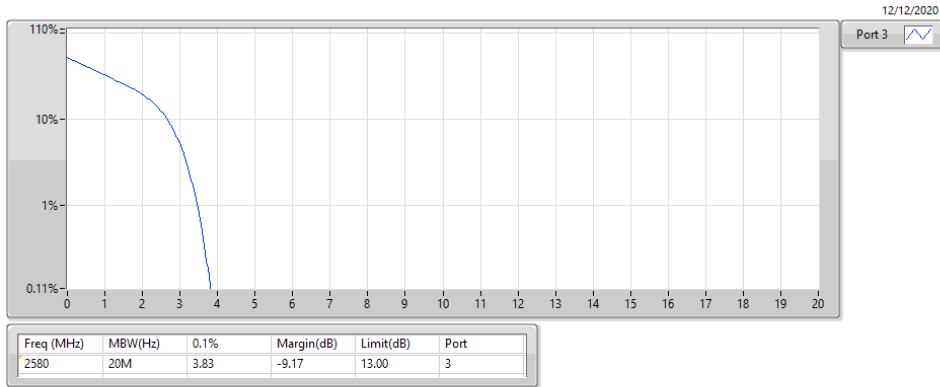
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1%  | Port |
|----------------------------------|--------|---------------|---------------|-------|------|
| Band 38_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -     | -    |
| 2580MHz_RB 100,#RB 0             | Pass   | 2580          | 13.00         | 3.83  | 3    |
| 2580MHz_RB 1,#RB L               | Pass   | 2580          | 13.00         | 3.59  | 3    |
| 2580MHz_RB 1,#RB M               | Pass   | 2580          | 13.00         | 5.01  | 3    |
| 2580MHz_RB 1,#RB H               | Pass   | 2580          | 13.00         | 3.51  | 3    |
| 2595MHz_RB 100,#RB 0             | Pass   | 2595          | 13.00         | 3.80  | 3    |
| 2595MHz_RB 1,#RB L               | Pass   | 2595          | 13.00         | 12.90 | 3    |
| 2595MHz_RB 1,#RB M               | Pass   | 2595          | 13.00         | 2.64  | 3    |
| 2595MHz_RB 1,#RB H               | Pass   | 2595          | 13.00         | 3.48  | 3    |
| 2610MHz_RB 100,#RB 0             | Pass   | 2610          | 13.00         | 3.80  | 3    |
| 2610MHz_RB 1,#RB L               | Pass   | 2610          | 13.00         | 3.45  | 3    |
| 2610MHz_RB 1,#RB M               | Pass   | 2610          | 13.00         | 3.65  | 3    |
| 2610MHz_RB 1,#RB H               | Pass   | 2610          | 13.00         | 12.90 | 3    |
| Band 38_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -     | -    |
| 2580MHz_RB 100,#RB 0             | Pass   | 2580          | 13.00         | 5.74  | 3    |
| 2580MHz_RB 1,#RB L               | Pass   | 2580          | 13.00         | 4.17  | 3    |
| 2580MHz_RB 1,#RB M               | Pass   | 2580          | 13.00         | 4.52  | 3    |
| 2580MHz_RB 1,#RB H               | Pass   | 2580          | 13.00         | 5.48  | 3    |
| 2595MHz_RB 100,#RB 0             | Pass   | 2595          | 13.00         | 5.74  | 3    |
| 2595MHz_RB 1,#RB L               | Pass   | 2595          | 13.00         | 10.29 | 3    |
| 2595MHz_RB 1,#RB M               | Pass   | 2595          | 13.00         | 5.30  | 3    |
| 2595MHz_RB 1,#RB H               | Pass   | 2595          | 13.00         | 5.19  | 3    |
| 2610MHz_RB 100,#RB 0             | Pass   | 2610          | 13.00         | 5.71  | 3    |
| 2610MHz_RB 1,#RB L               | Pass   | 2610          | 13.00         | 5.39  | 3    |
| 2610MHz_RB 1,#RB M               | Pass   | 2610          | 13.00         | 8.70  | 3    |
| 2610MHz_RB 1,#RB H               | Pass   | 2610          | 13.00         | 5.19  | 3    |
| Band 38_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -     | -    |
| 2580MHz_RB 100,#RB 0             | Pass   | 2580          | 13.00         | 6.17  | 3    |
| 2580MHz_RB 1,#RB L               | Pass   | 2580          | 13.00         | 9.07  | 3    |
| 2580MHz_RB 1,#RB M               | Pass   | 2580          | 13.00         | 5.19  | 3    |
| 2580MHz_RB 1,#RB H               | Pass   | 2580          | 13.00         | 6.93  | 3    |
| 2595MHz_RB 100,#RB 0             | Pass   | 2595          | 13.00         | 6.23  | 3    |
| 2595MHz_RB 1,#RB L               | Pass   | 2595          | 13.00         | 6.23  | 3    |
| 2595MHz_RB 1,#RB M               | Pass   | 2595          | 13.00         | 5.39  | 3    |
| 2595MHz_RB 1,#RB H               | Pass   | 2595          | 13.00         | 6.84  | 3    |
| 2610MHz_RB 100,#RB 0             | Pass   | 2610          | 13.00         | 6.26  | 3    |
| 2610MHz_RB 1,#RB L               | Pass   | 2610          | 13.00         | 7.42  | 3    |
| 2610MHz_RB 1,#RB M               | Pass   | 2610          | 13.00         | 9.30  | 3    |
| 2610MHz_RB 1,#RB H               | Pass   | 2610          | 13.00         | 6.84  | 3    |

Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

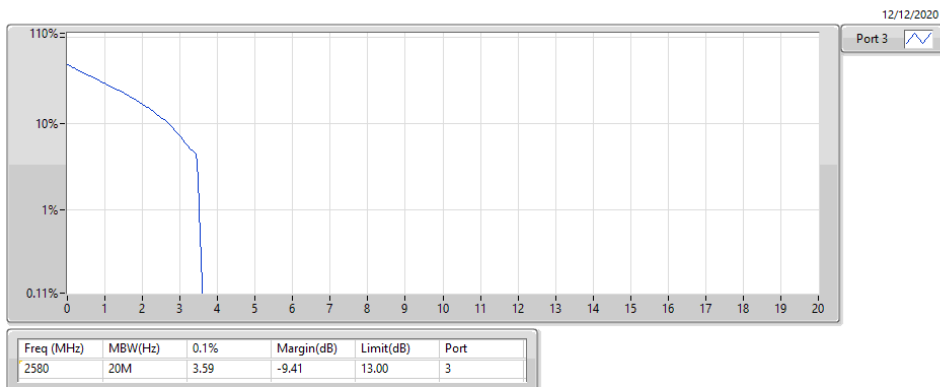
**2580MHz\_QPSK\_RB 100,#RB 0**



**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

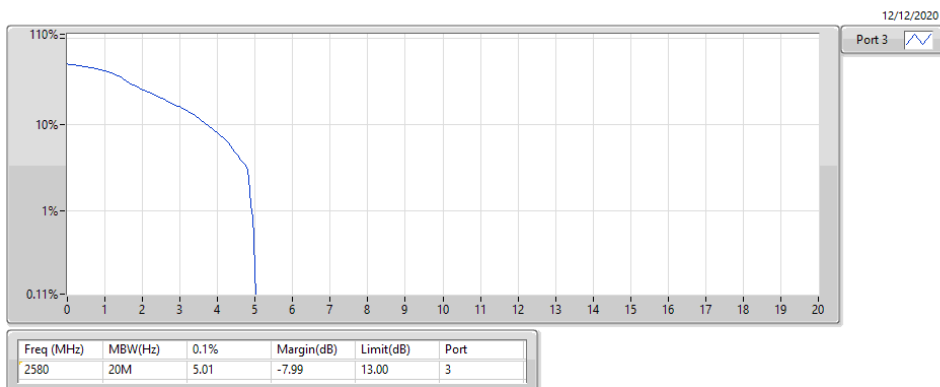
**2580MHz\_QPSK\_RB 1,#RB L**



**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**2580MHz\_QPSK\_RB 1,#RB M**

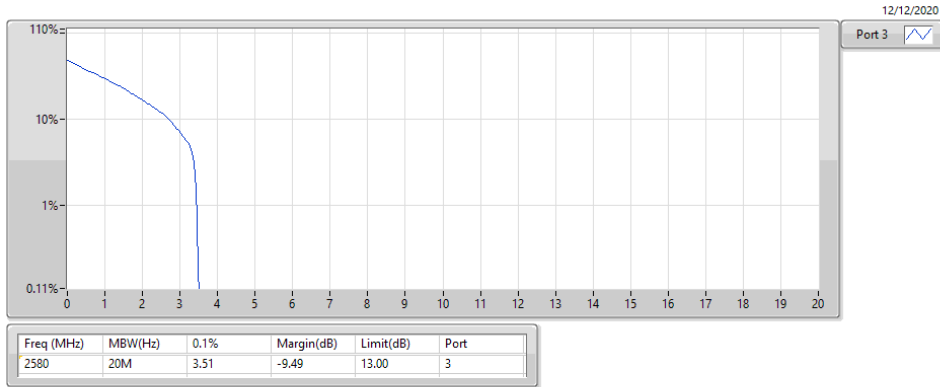


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

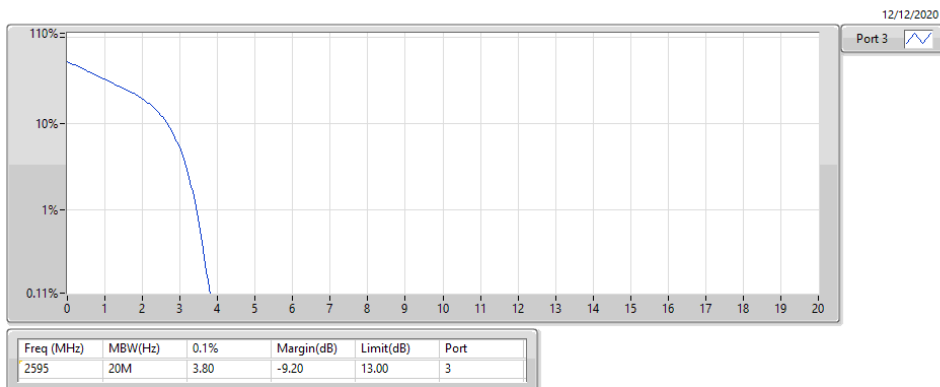
2580MHz\_QPSK\_RB 1,#RB H



Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

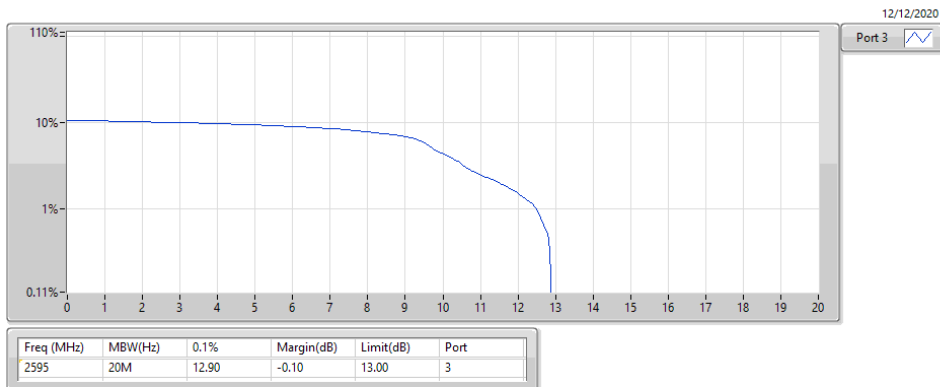
2595MHz\_QPSK\_RB 100,#RB 0



Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

2595MHz\_QPSK\_RB 1,#RB L



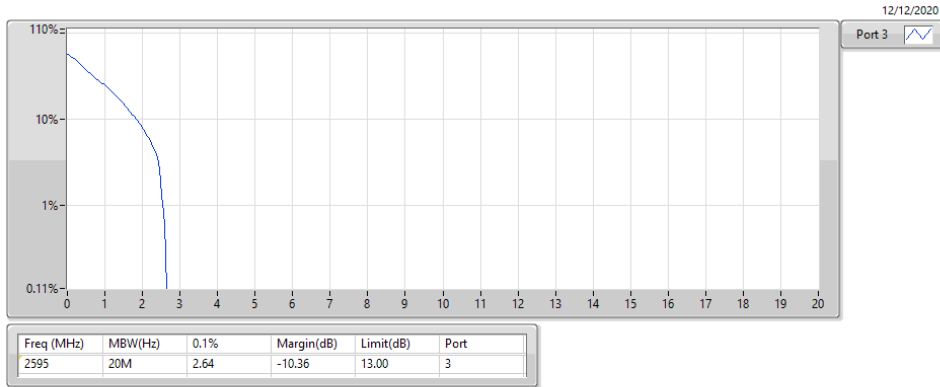


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

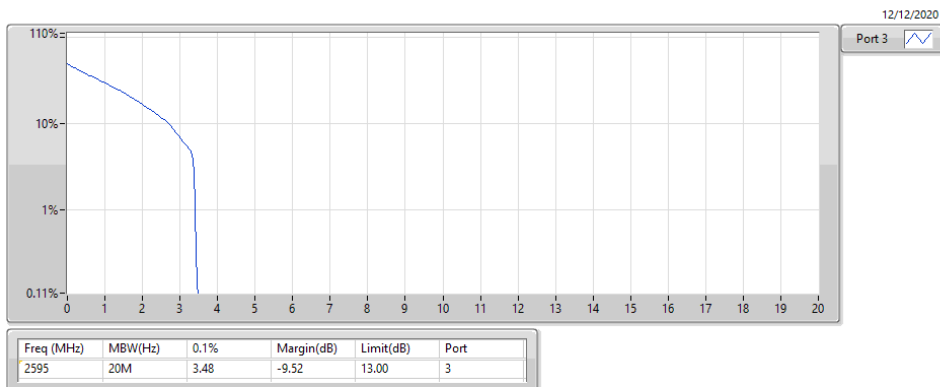
**2595MHz\_QPSK\_RB 1,#RB M**



**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

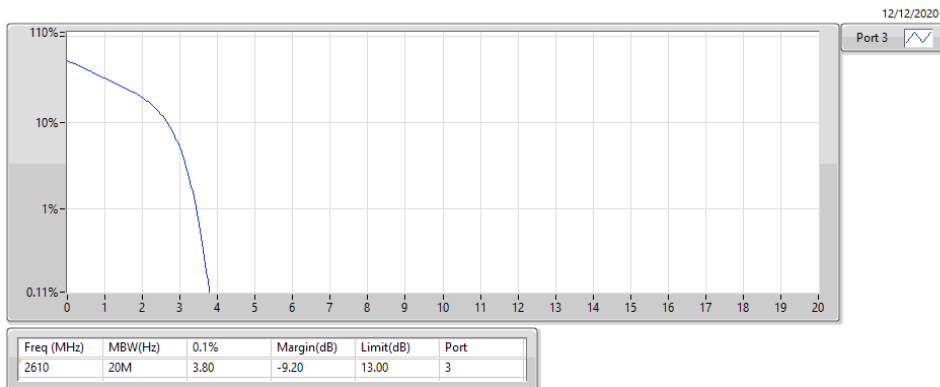
**2595MHz\_QPSK\_RB 1,#RB H**



**Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**2610MHz\_QPSK\_RB 100,#RB 0**

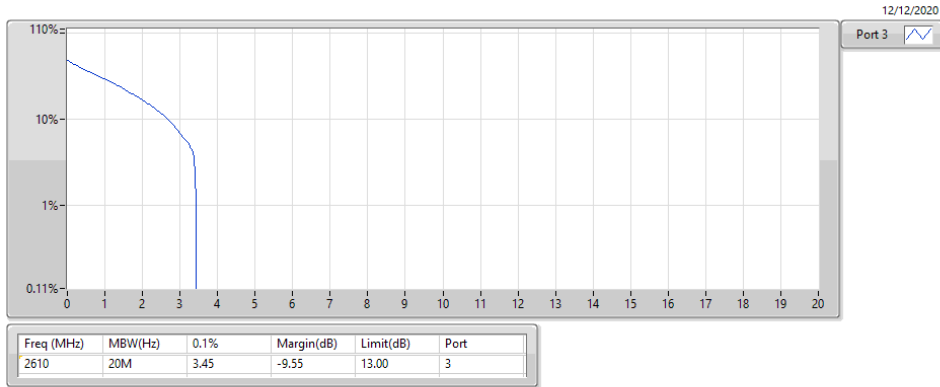


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

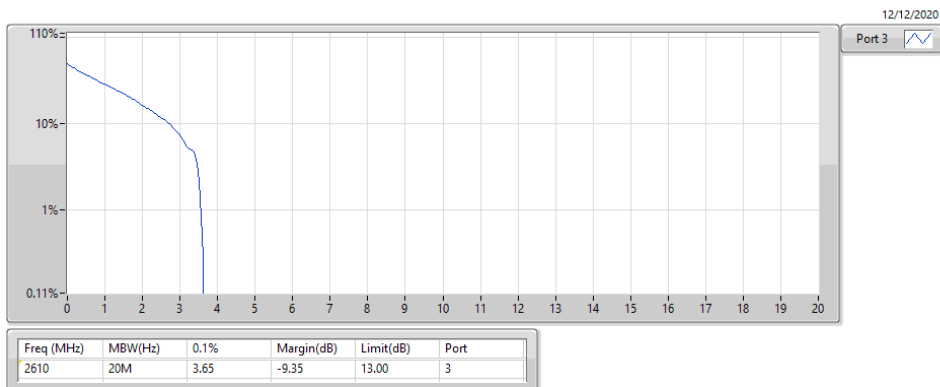
2610MHz\_QPSK\_RB 1,#RB L



Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

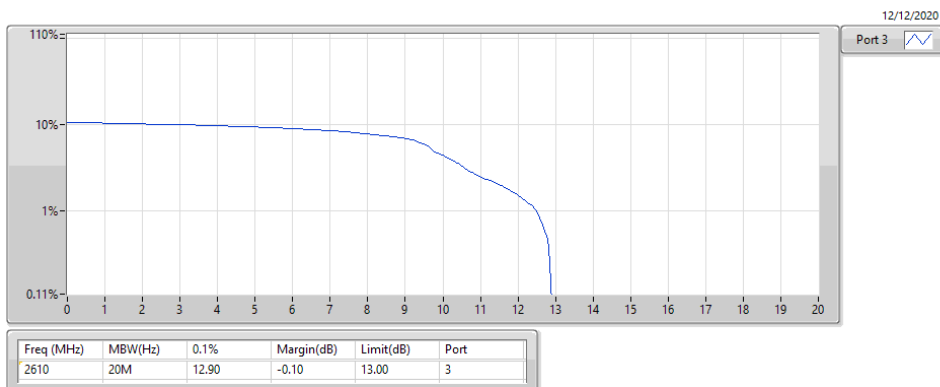
2610MHz\_QPSK\_RB 1,#RB M



Band 38\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

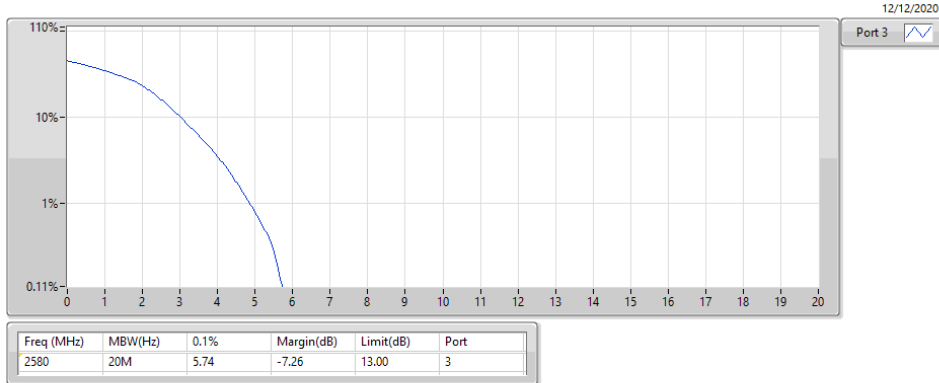
2610MHz\_QPSK\_RB 1,#RB H



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

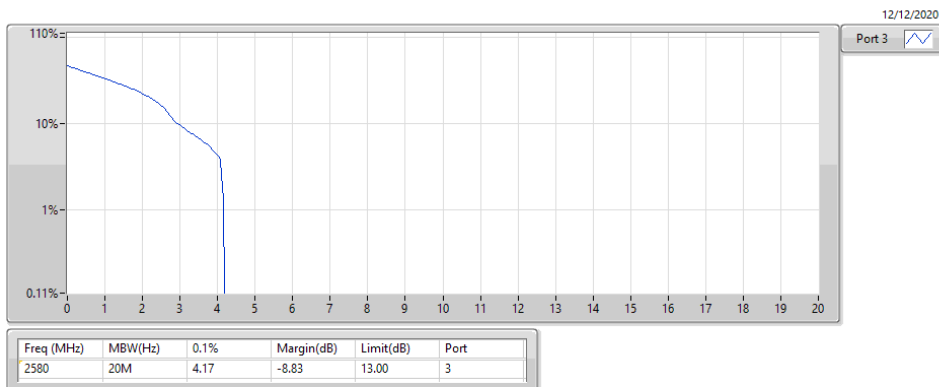
**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**2580MHz\_16QAM\_RB 100,#RB 0**

PAR



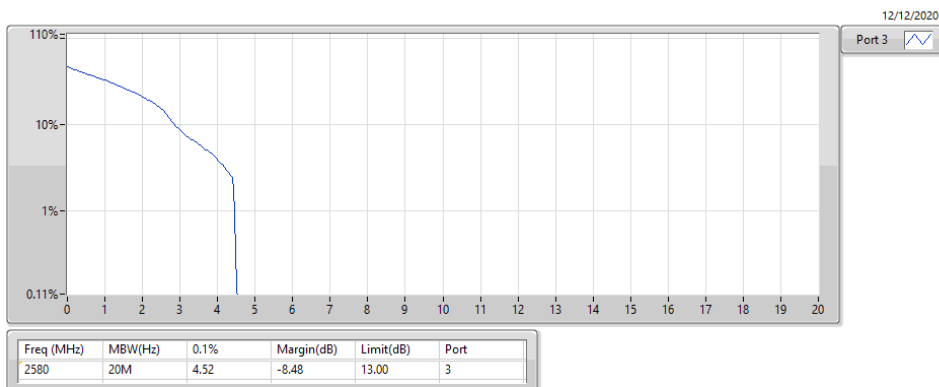
**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**2580MHz\_16QAM\_RB 1,#RB L**

PAR



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**2580MHz\_16QAM\_RB 1,#RB M**

PAR

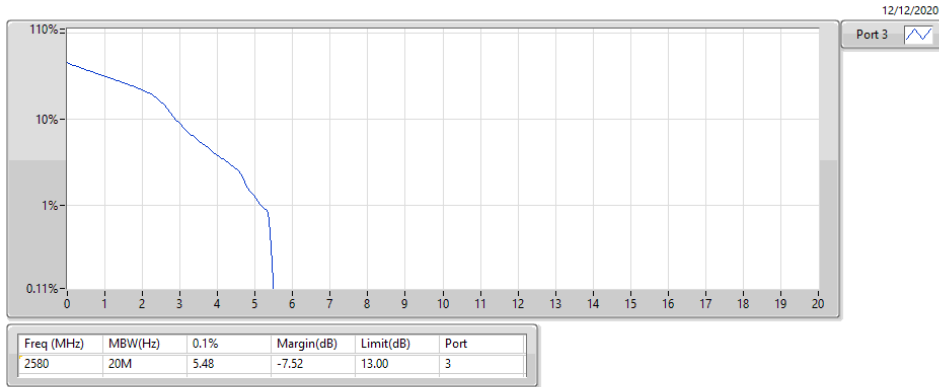


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

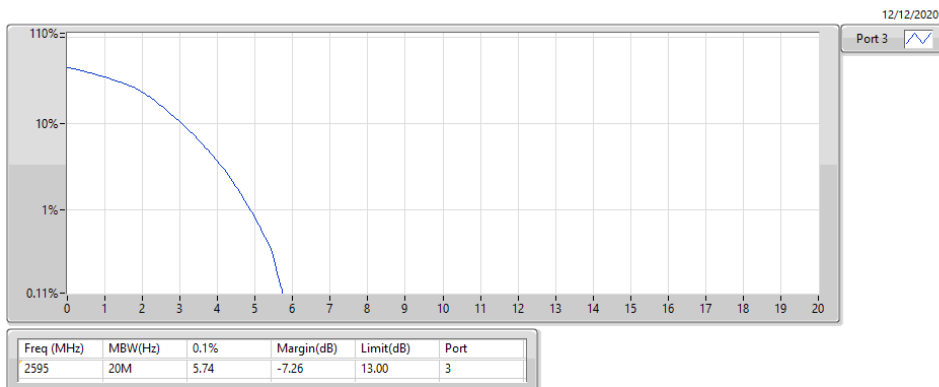
**2580MHz\_16QAM\_RB 1,#RB H**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

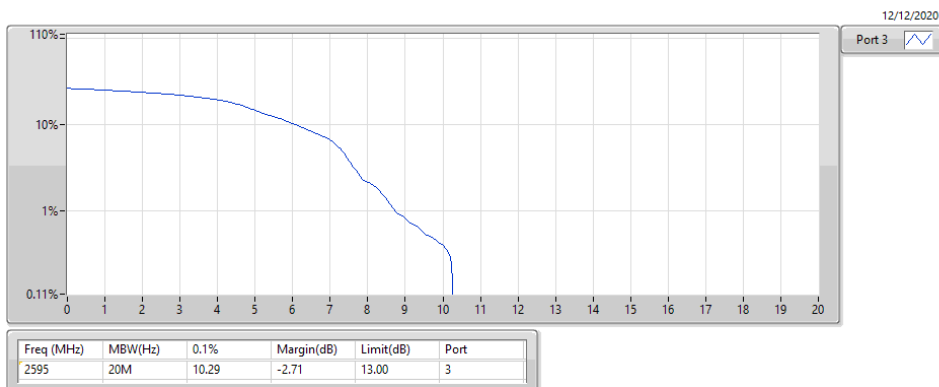
**2595MHz\_16QAM\_RB 100,#RB 0**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2595MHz\_16QAM\_RB 1,#RB L**

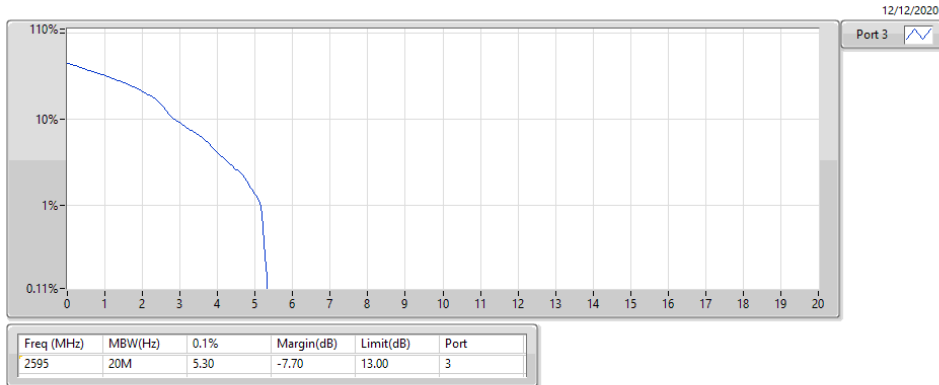


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

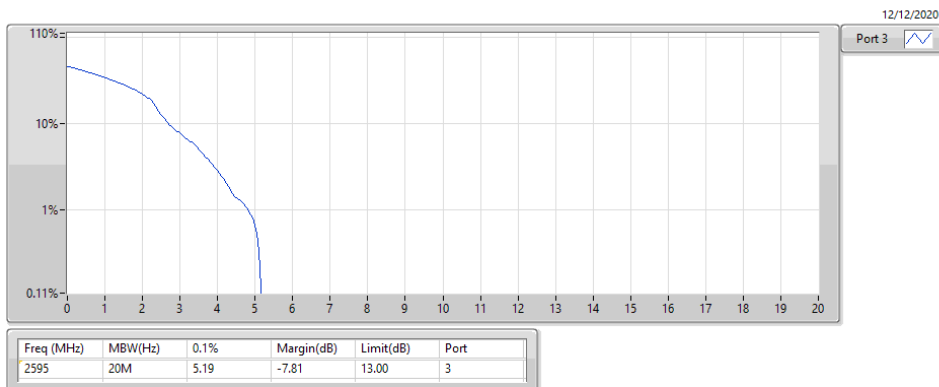
**2595MHz\_16QAM\_RB 1,#RB M**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

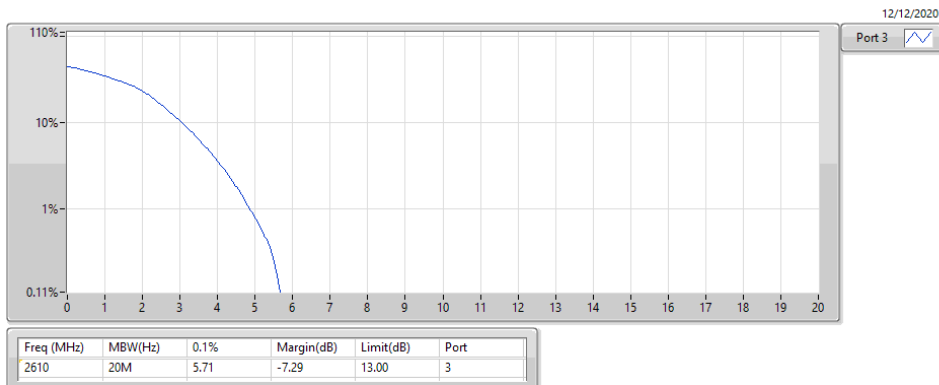
**2595MHz\_16QAM\_RB 1,#RB H**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2610MHz\_16QAM\_RB 100,#RB 0**

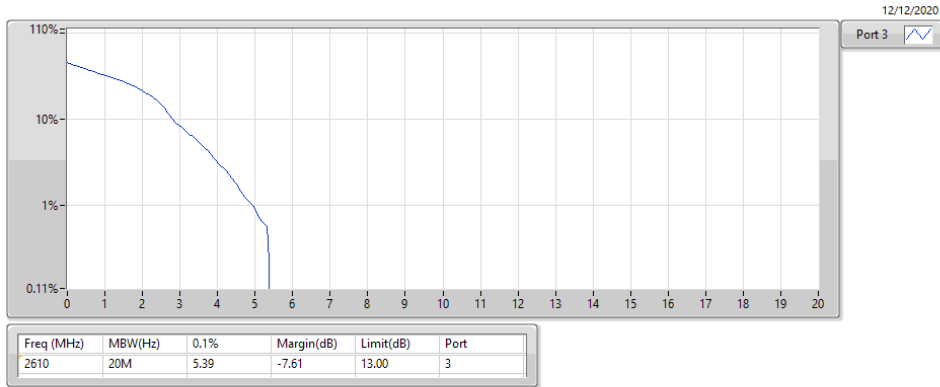


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

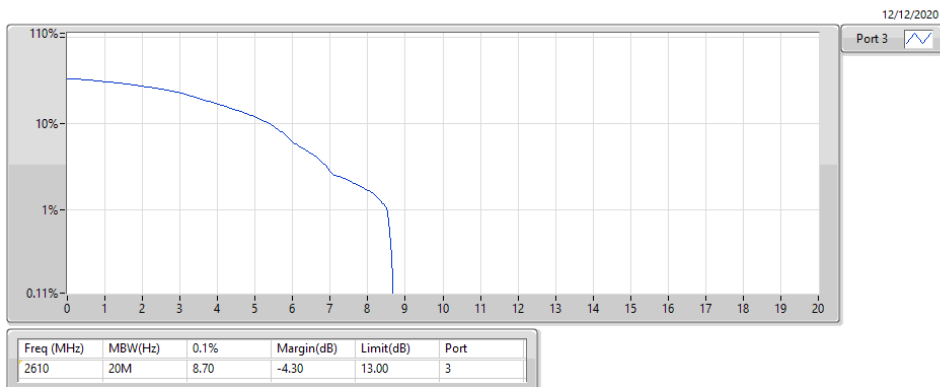
**2610MHz\_16QAM\_RB 1,#RB L**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

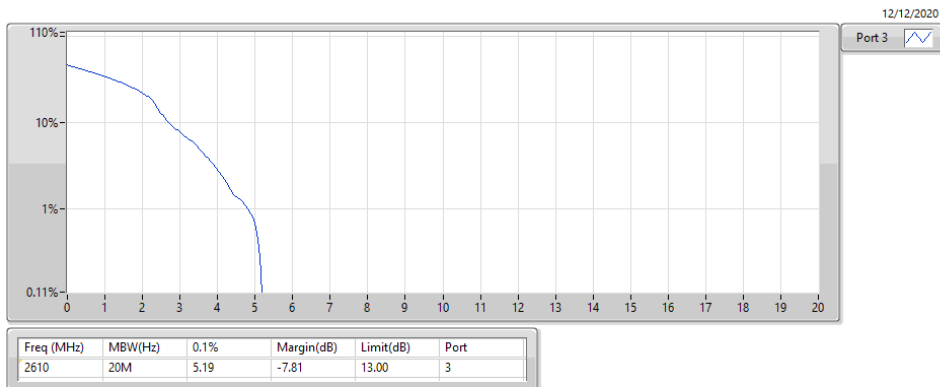
**2610MHz\_16QAM\_RB 1,#RB M**



**Band 38\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

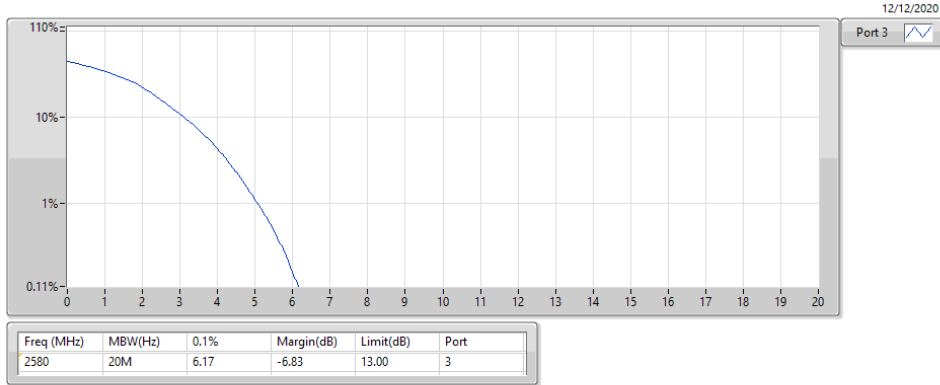
**2610MHz\_16QAM\_RB 1,#RB H**



Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

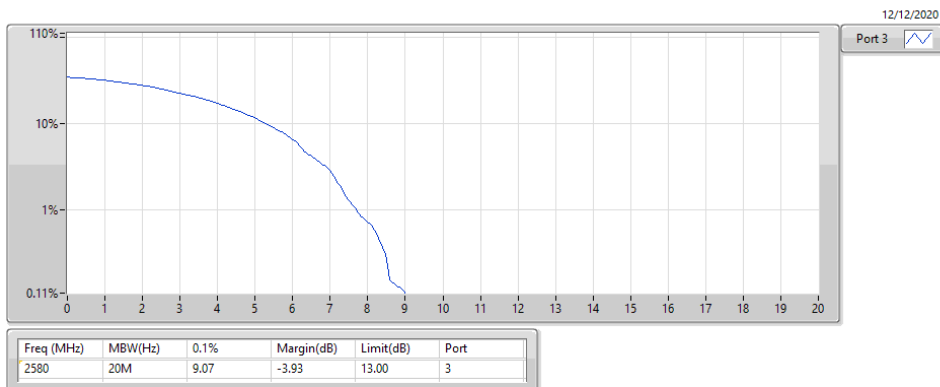
**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**  
**2580MHz\_64QAM\_RB 100,#RB 0**

PAR



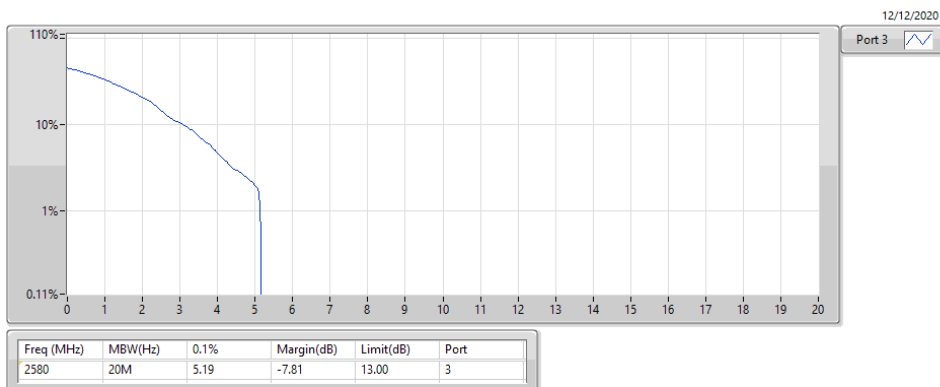
**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**  
**2580MHz\_64QAM\_RB 1,#RB L**

PAR



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**  
**2580MHz\_64QAM\_RB 1,#RB M**

PAR

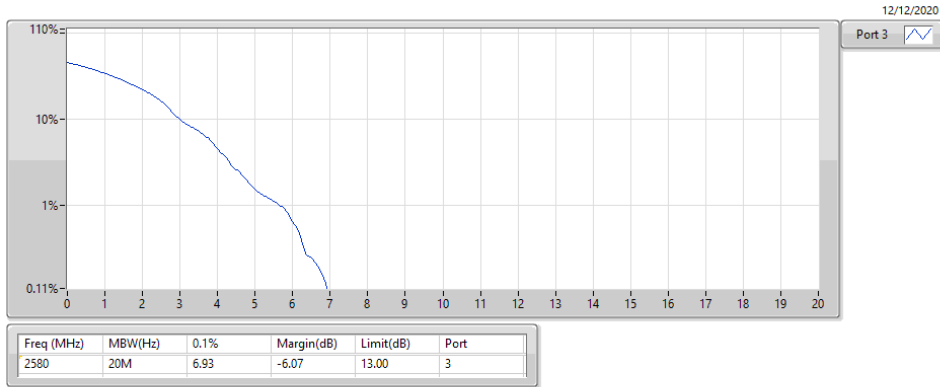


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

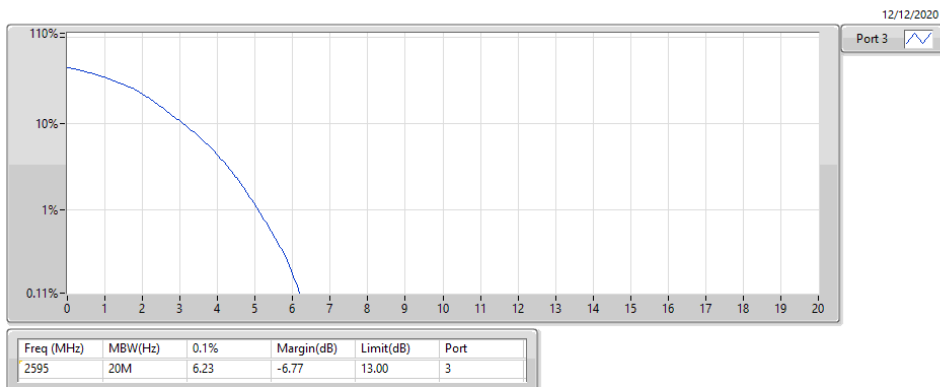
**2580MHz\_64QAM\_RB 1,#RB H**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

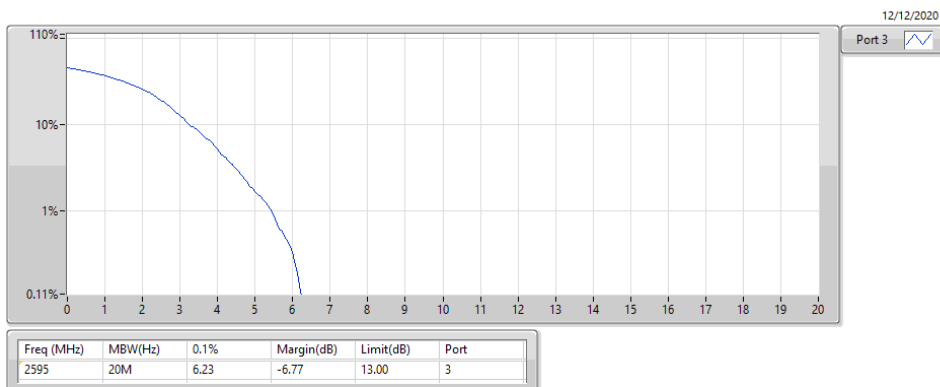
**2595MHz\_64QAM\_RB 100,#RB 0**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2595MHz\_64QAM\_RB 1,#RB L**



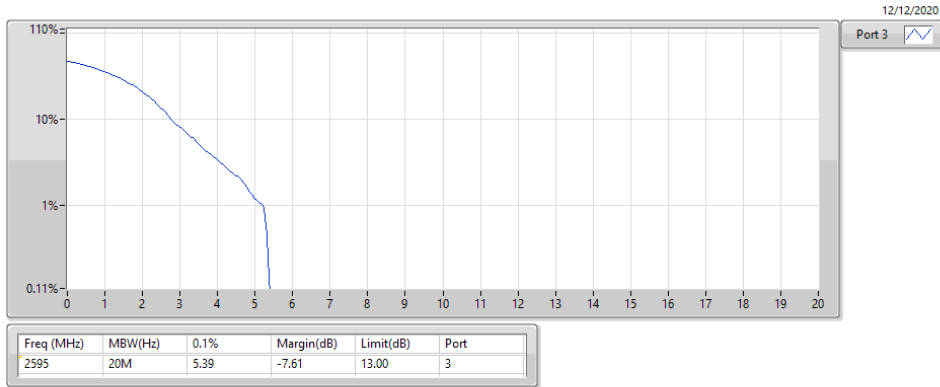


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

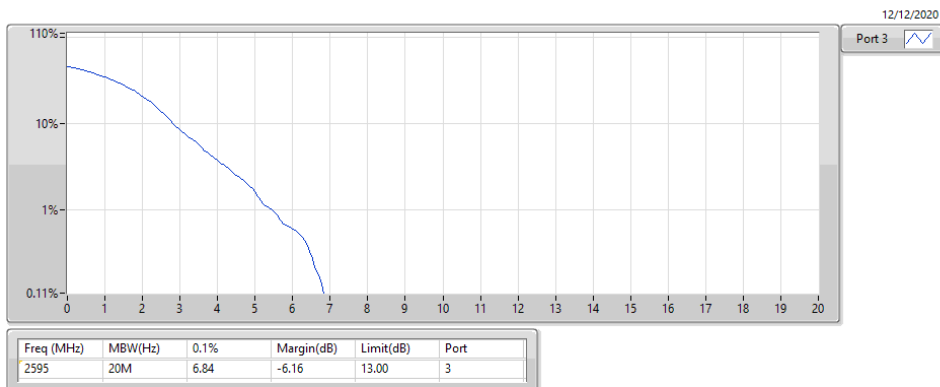
**2595MHz\_64QAM\_RB 1,#RB M**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

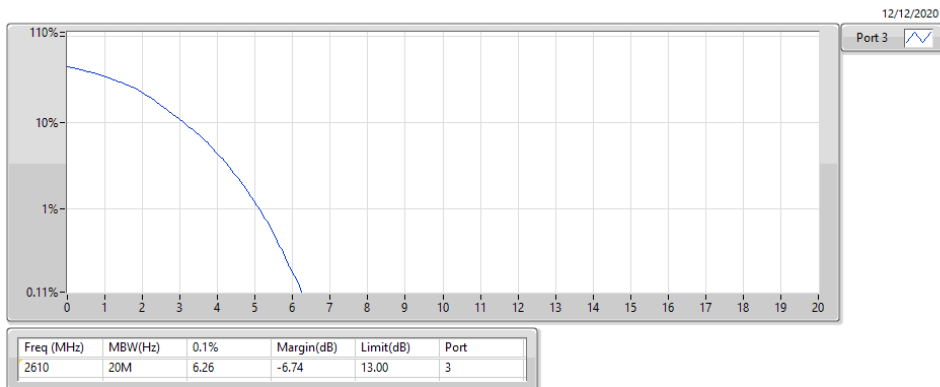
**2595MHz\_64QAM\_RB 1,#RB H**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2610MHz\_64QAM\_RB 100,#RB 0**

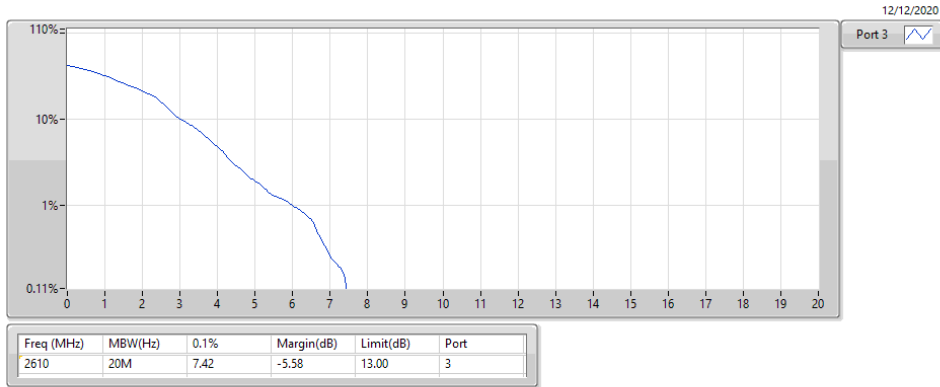


Test Mode: Mode 15 / EUT 2 + Set 3 antenna (LTE Band 38)

**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

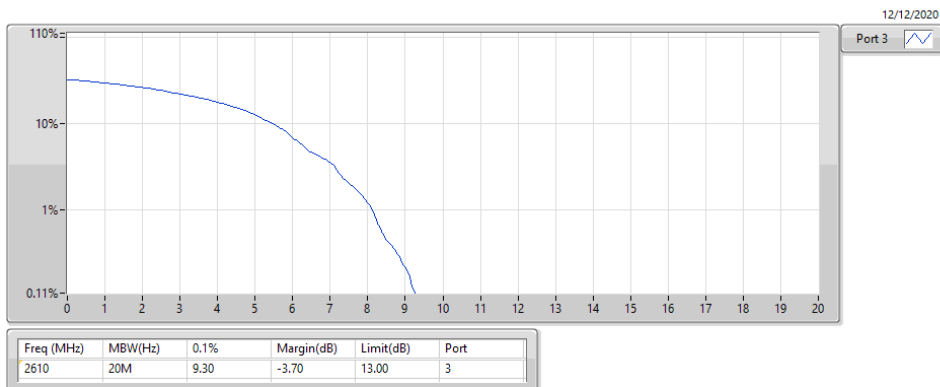
**2610MHz\_64QAM\_RB 1,#RB L**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

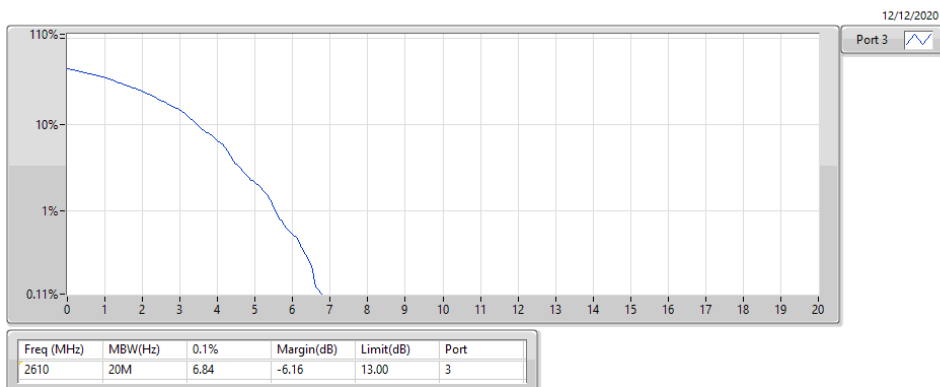
**2610MHz\_64QAM\_RB 1,#RB M**



**Band 38\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2610MHz\_64QAM\_RB 1,#RB H**





## Peak to Average Power Ratio (PAPR)

## Appendix B.16

Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 41                  | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 2506          | 13.00         | 6.64 | 3    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 2593          | 13.00         | 8.32 | 3    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 2593          | 13.00         | 8.52 | 3    |



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Result**

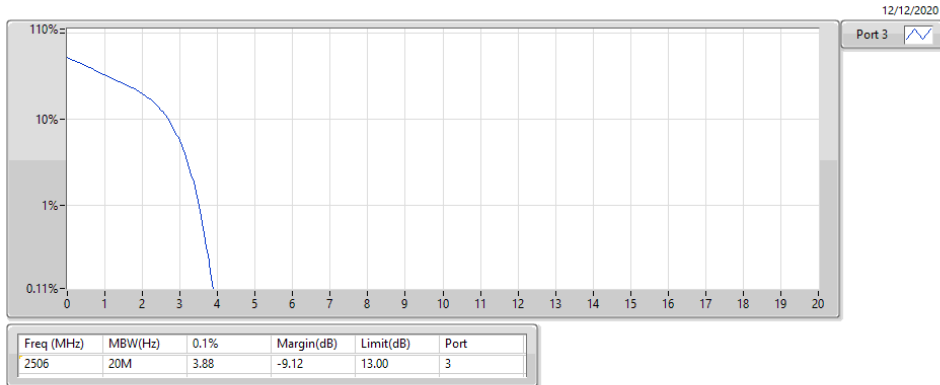
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 41_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 2506MHz_RB 100,#RB 0             | Pass   | 2506          | 13.00         | 3.88 | 3    |
| 2506MHz_RB 1,#RB L               | Pass   | 2506          | 13.00         | 3.30 | 3    |
| 2506MHz_RB 1,#RB M               | Pass   | 2506          | 13.00         | 3.57 | 3    |
| 2506MHz_RB 1,#RB H               | Pass   | 2506          | 13.00         | 6.64 | 3    |
| 2593MHz_RB 100,#RB 0             | Pass   | 2593          | 13.00         | 3.80 | 3    |
| 2593MHz_RB 1,#RB L               | Pass   | 2593          | 13.00         | 3.48 | 3    |
| 2593MHz_RB 1,#RB M               | Pass   | 2593          | 13.00         | 4.12 | 3    |
| 2593MHz_RB 1,#RB H               | Pass   | 2593          | 13.00         | 3.42 | 3    |
| 2680MHz_RB 100,#RB 0             | Pass   | 2680          | 13.00         | 3.86 | 3    |
| 2680MHz_RB 1,#RB L               | Pass   | 2680          | 13.00         | 3.51 | 3    |
| 2680MHz_RB 1,#RB M               | Pass   | 2680          | 13.00         | 3.48 | 3    |
| 2680MHz_RB 1,#RB H               | Pass   | 2680          | 13.00         | 3.54 | 3    |
| Band 41_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 2506MHz_RB 100,#RB 0             | Pass   | 2506          | 13.00         | 5.74 | 3    |
| 2506MHz_RB 1,#RB L               | Pass   | 2506          | 13.00         | 5.28 | 3    |
| 2506MHz_RB 1,#RB M               | Pass   | 2506          | 13.00         | 5.25 | 3    |
| 2506MHz_RB 1,#RB H               | Pass   | 2506          | 13.00         | 5.28 | 3    |
| 2593MHz_RB 100,#RB 0             | Pass   | 2593          | 13.00         | 5.71 | 3    |
| 2593MHz_RB 1,#RB L               | Pass   | 2593          | 13.00         | 5.22 | 3    |
| 2593MHz_RB 1,#RB M               | Pass   | 2593          | 13.00         | 8.32 | 3    |
| 2593MHz_RB 1,#RB H               | Pass   | 2593          | 13.00         | 7.25 | 3    |
| 2680MHz_RB 100,#RB 0             | Pass   | 2680          | 13.00         | 5.71 | 3    |
| 2680MHz_RB 1,#RB L               | Pass   | 2680          | 13.00         | 5.48 | 3    |
| 2680MHz_RB 1,#RB M               | Pass   | 2680          | 13.00         | 4.38 | 3    |
| 2680MHz_RB 1,#RB H               | Pass   | 2680          | 13.00         | 5.22 | 3    |
| Band 41_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 2506MHz_RB 100,#RB 0             | Pass   | 2506          | 13.00         | 6.17 | 3    |
| 2506MHz_RB 1,#RB L               | Pass   | 2506          | 13.00         | 6.35 | 3    |
| 2506MHz_RB 1,#RB M               | Pass   | 2506          | 13.00         | 6.32 | 3    |
| 2506MHz_RB 1,#RB H               | Pass   | 2506          | 13.00         | 6.61 | 3    |
| 2593MHz_RB 100,#RB 0             | Pass   | 2593          | 13.00         | 6.20 | 3    |
| 2593MHz_RB 1,#RB L               | Pass   | 2593          | 13.00         | 6.29 | 3    |
| 2593MHz_RB 1,#RB M               | Pass   | 2593          | 13.00         | 8.52 | 3    |
| 2593MHz_RB 1,#RB H               | Pass   | 2593          | 13.00         | 5.80 | 3    |
| 2680MHz_RB 100,#RB 0             | Pass   | 2680          | 13.00         | 6.26 | 3    |
| 2680MHz_RB 1,#RB L               | Pass   | 2680          | 13.00         | 6.87 | 3    |
| 2680MHz_RB 1,#RB M               | Pass   | 2680          | 13.00         | 6.72 | 3    |
| 2680MHz_RB 1,#RB H               | Pass   | 2680          | 13.00         | 6.32 | 3    |

Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

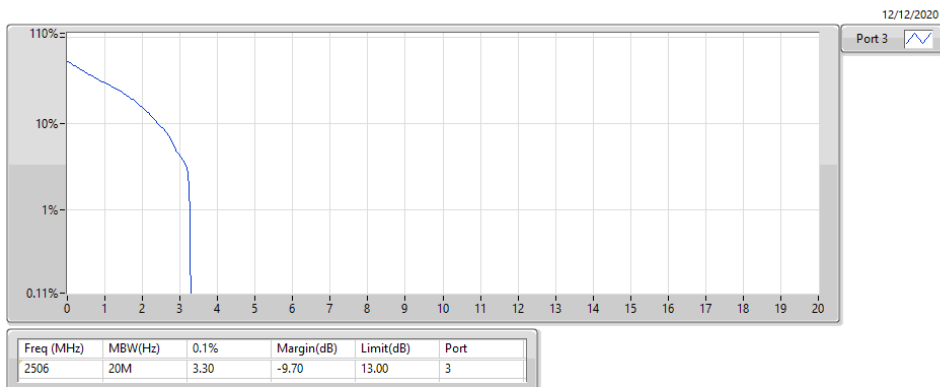
**2506MHz\_QPSK\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

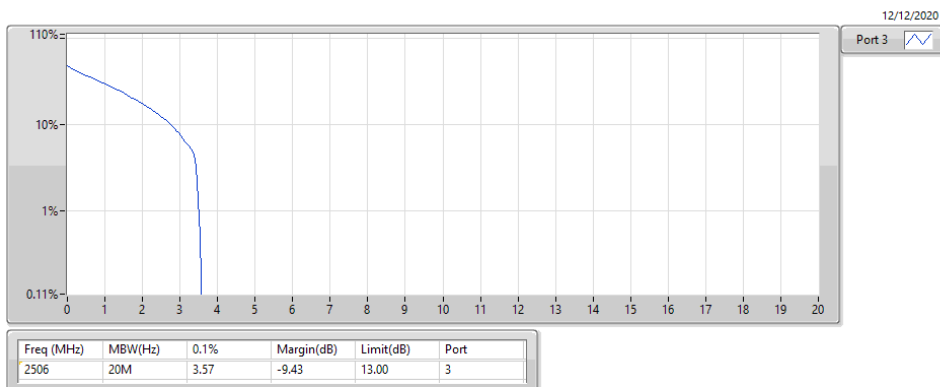
**2506MHz\_QPSK\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

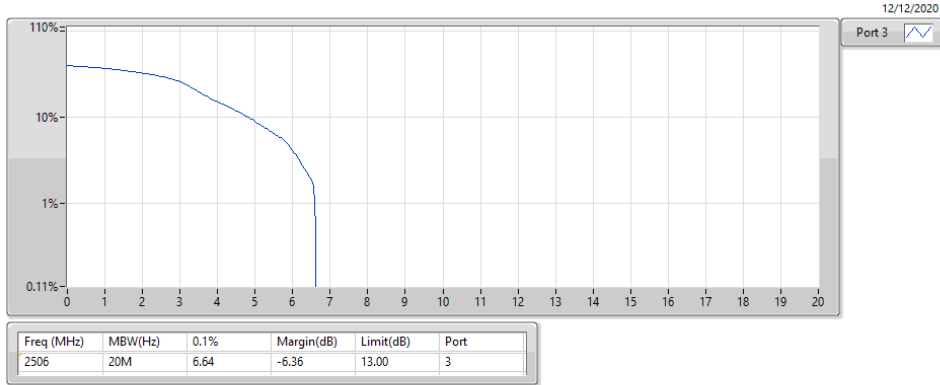
**2506MHz\_QPSK\_RB 1,#RB M**



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

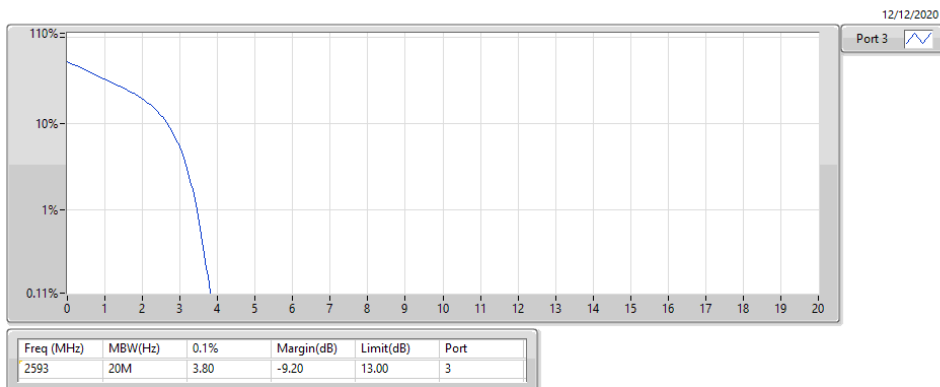
**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2506MHz\_QPSK\_RB 1,#RB H**

PAR



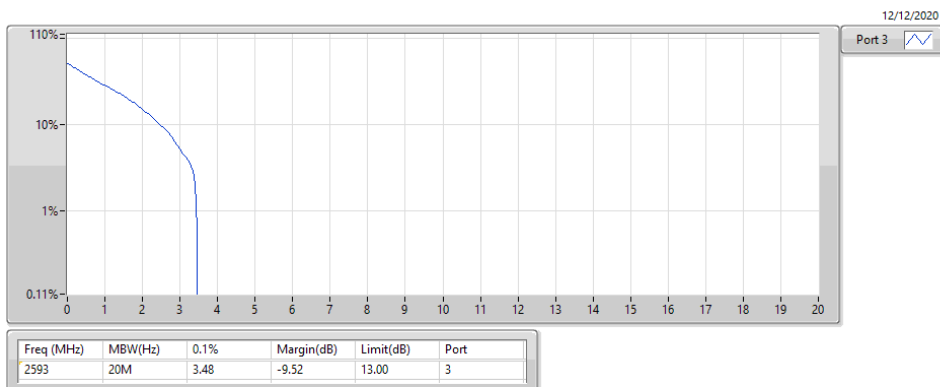
**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2593MHz\_QPSK\_RB 100,#RB 0**

PAR



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2593MHz\_QPSK\_RB 1,#RB L**

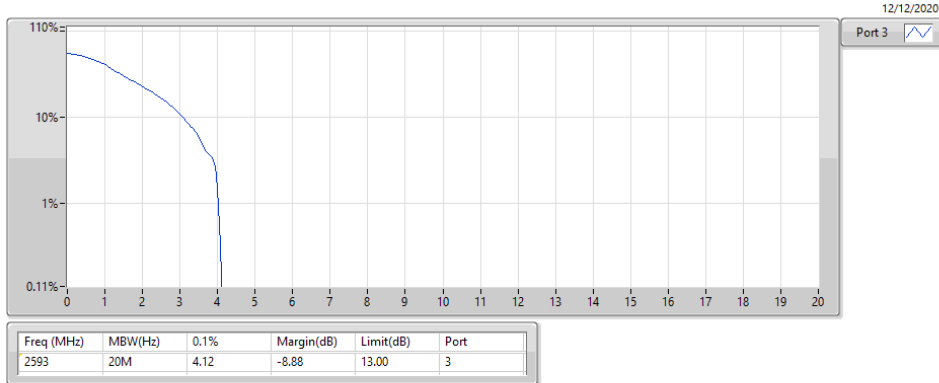
PAR



Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

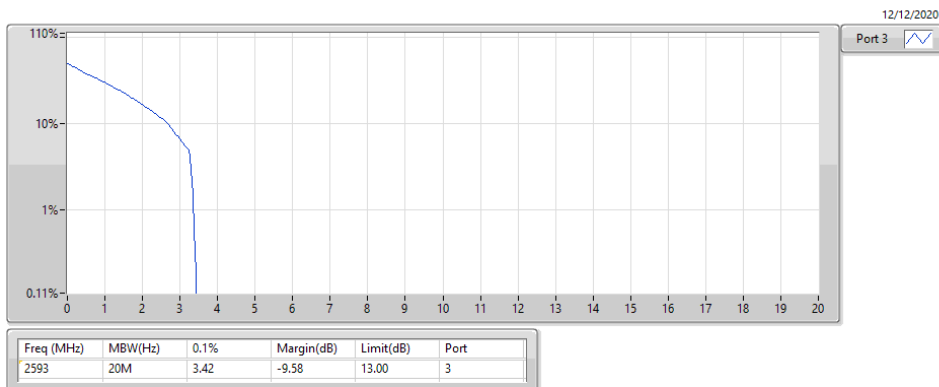
**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2593MHz\_QPSK\_RB 1,#RB M**

PAR



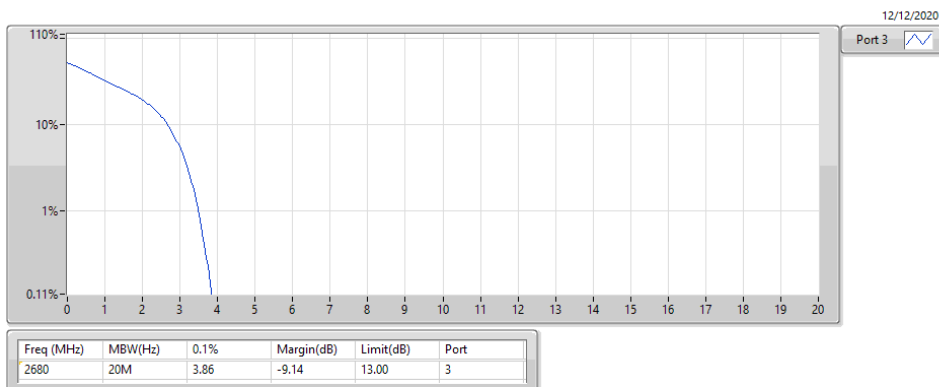
**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2593MHz\_QPSK\_RB 1,#RB H**

PAR



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**2680MHz\_QPSK\_RB 100,#RB 0**

PAR

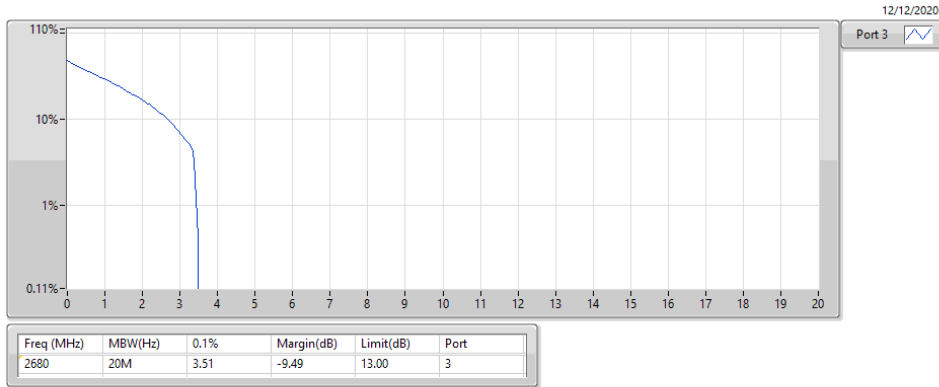


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

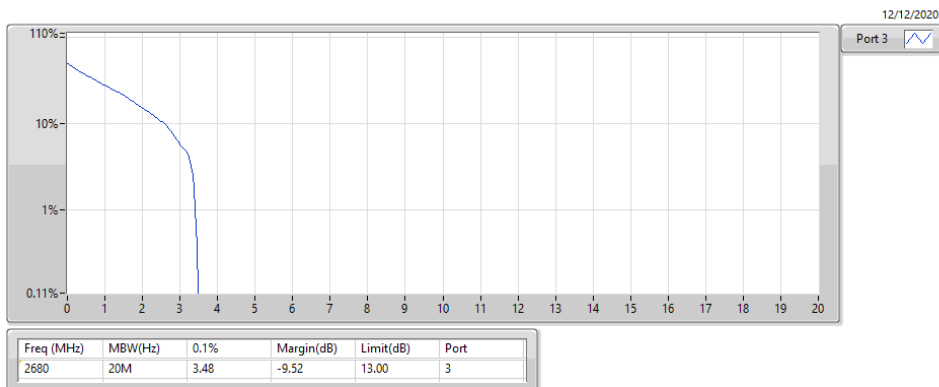
**2680MHz\_QPSK\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

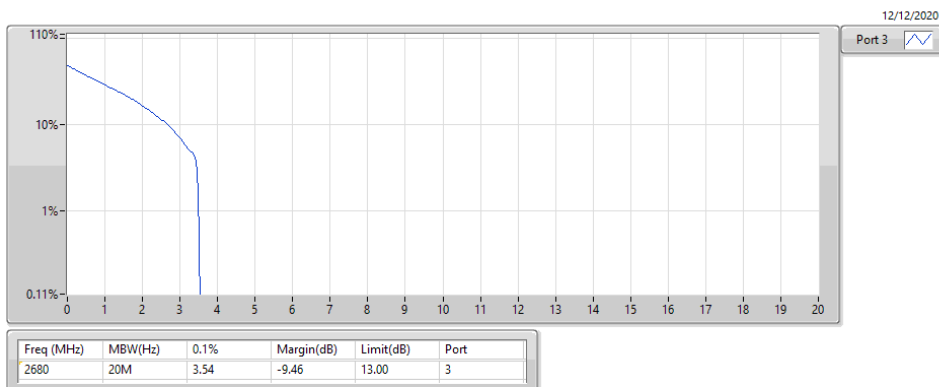
**2680MHz\_QPSK\_RB 1,#RB M**



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**2680MHz\_QPSK\_RB 1,#RB H**



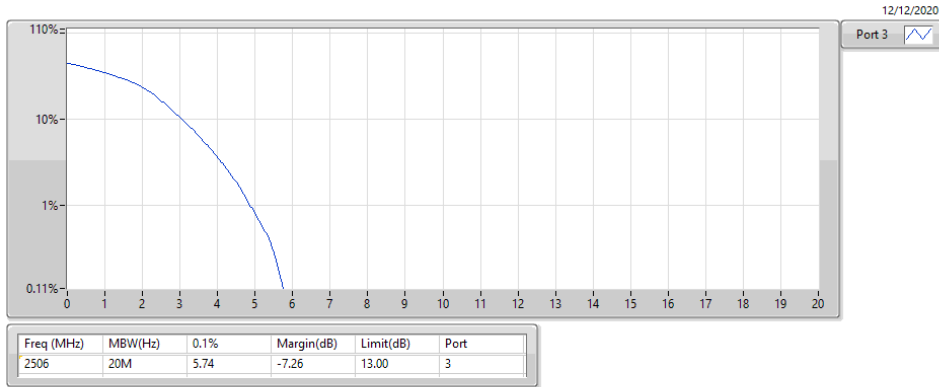


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

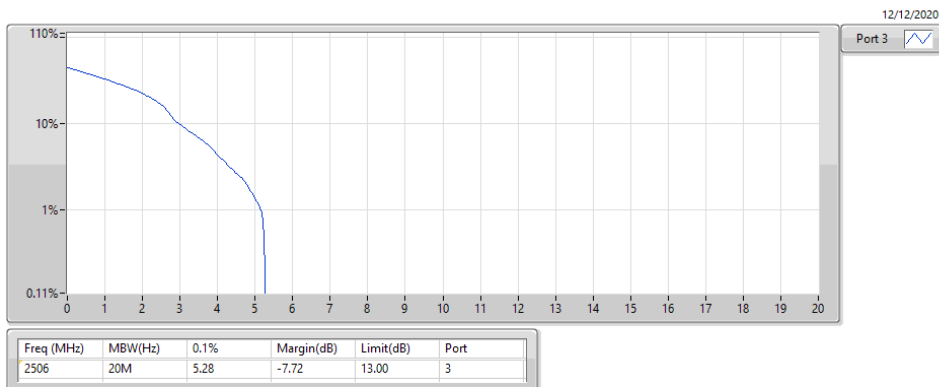
**2506MHz\_16QAM\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

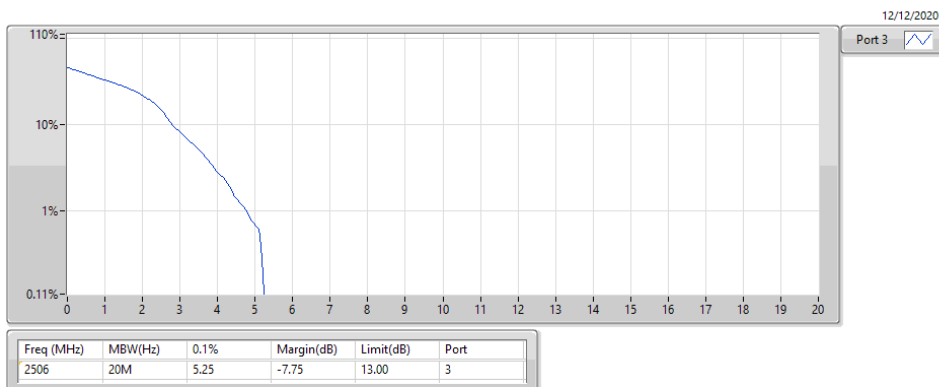
**2506MHz\_16QAM\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2506MHz\_16QAM\_RB 1,#RB M**

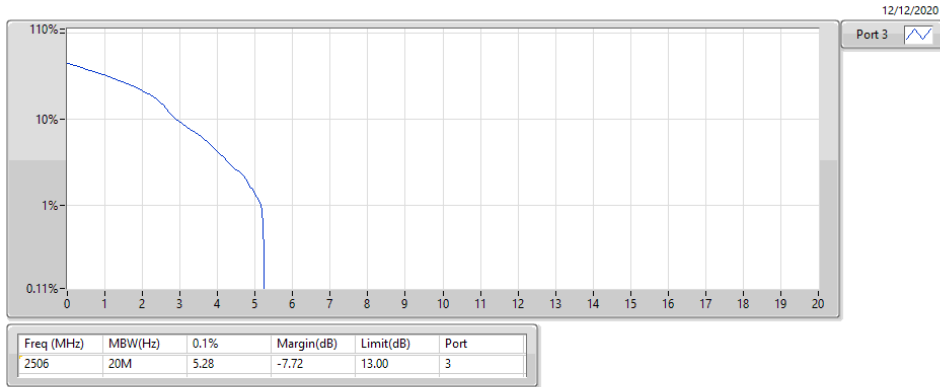


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

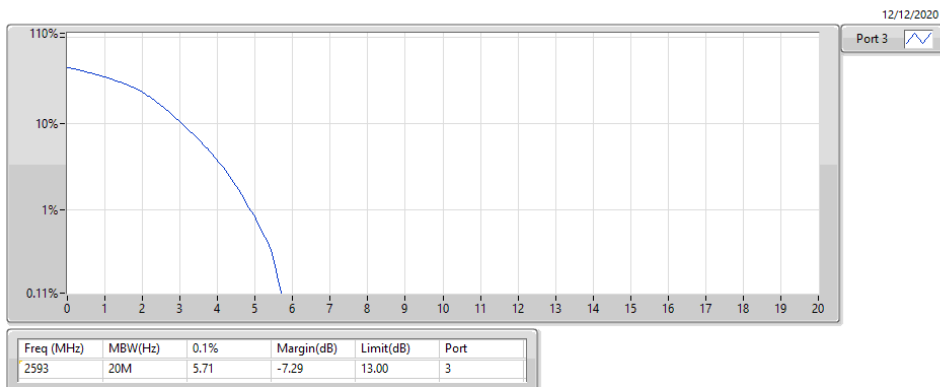
**2506MHz\_16QAM\_RB 1,#RB H**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

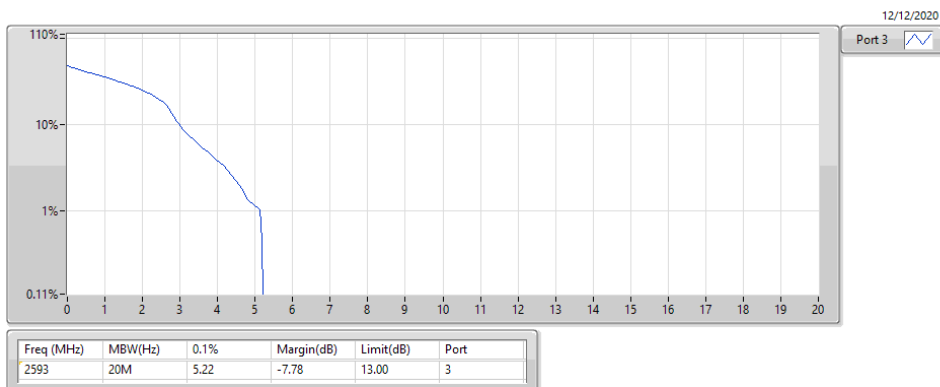
**2593MHz\_16QAM\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2593MHz\_16QAM\_RB 1,#RB L**

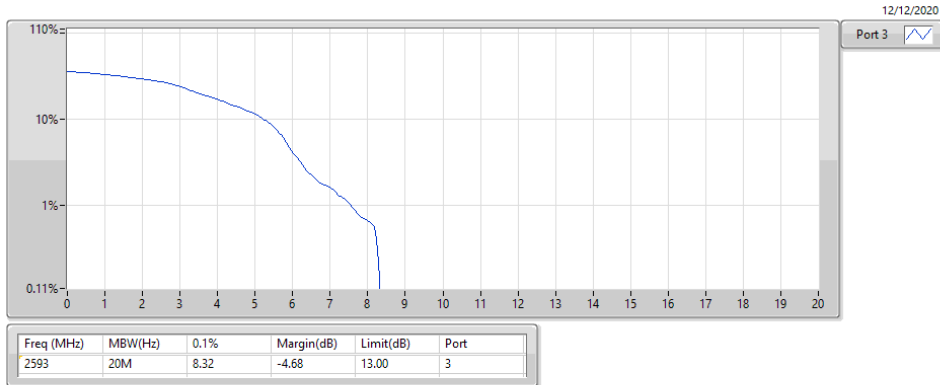


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

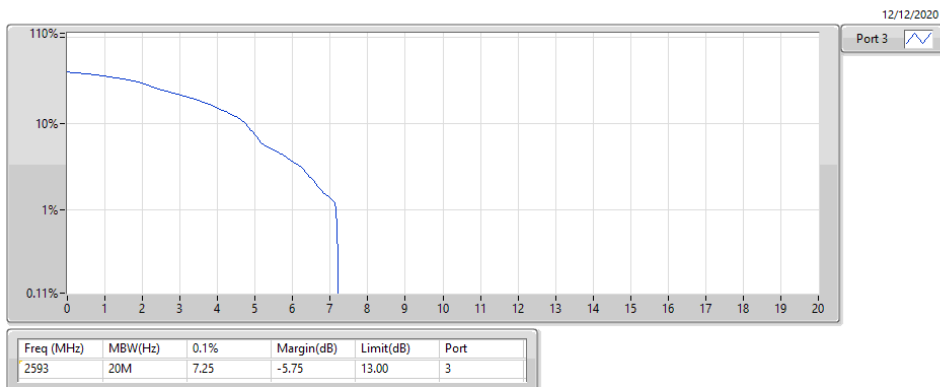
**2593MHz\_16QAM\_RB 1,#RB M**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

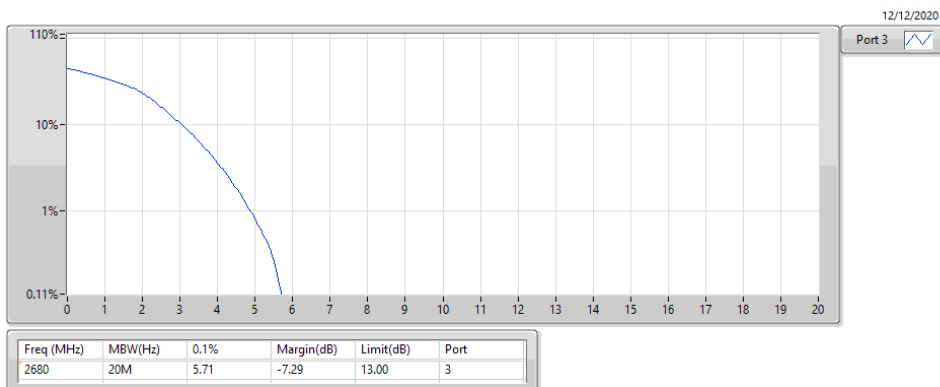
**2593MHz\_16QAM\_RB 1,#RB H**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2680MHz\_16QAM\_RB 100,#RB 0**

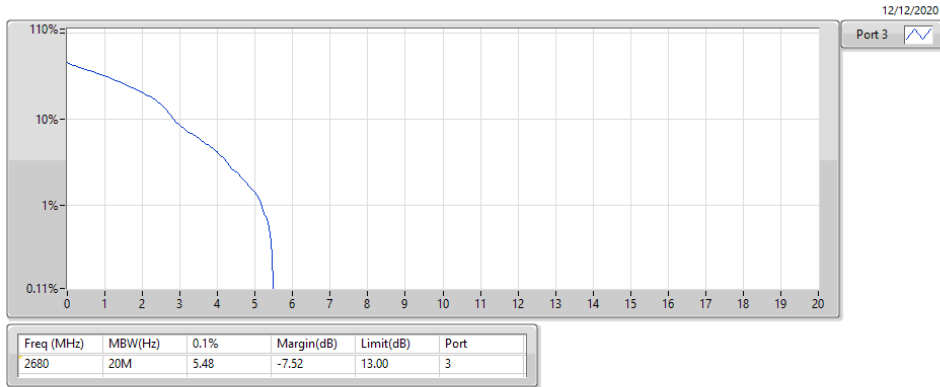


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

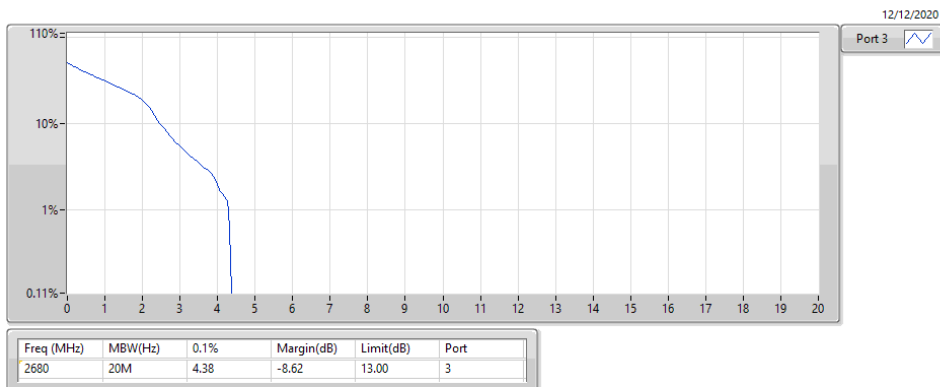
**2680MHz\_16QAM\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

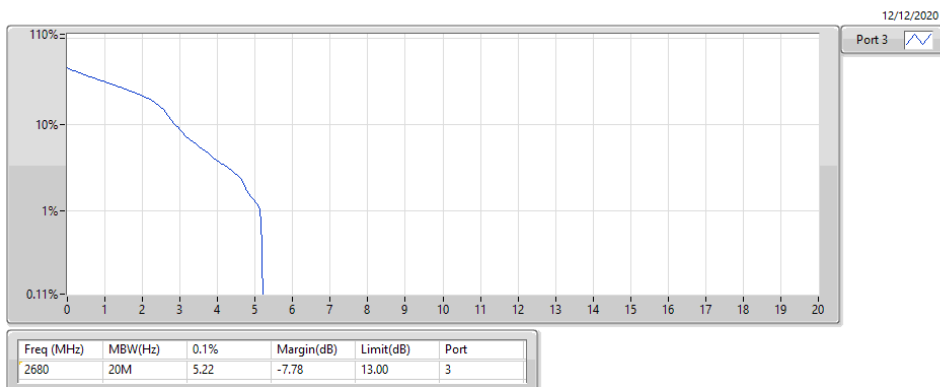
**2680MHz\_16QAM\_RB 1,#RB M**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**2680MHz\_16QAM\_RB 1,#RB H**

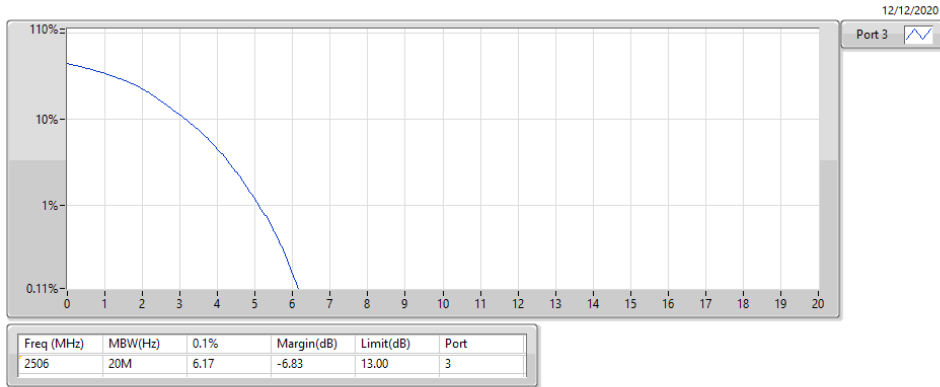


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

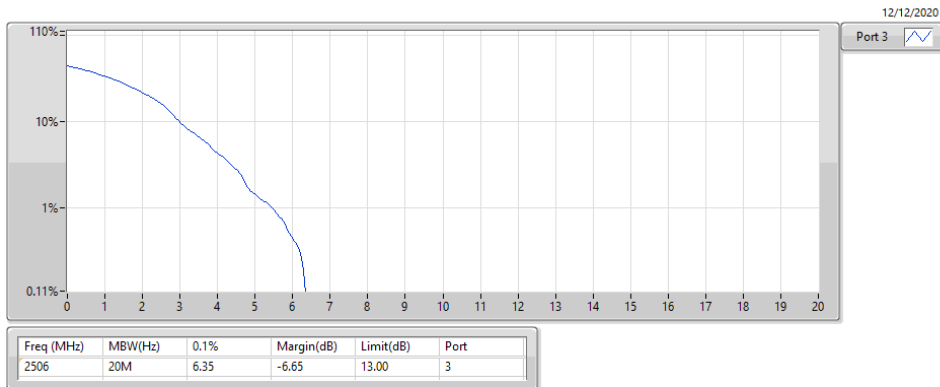
**2506MHz\_64QAM\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

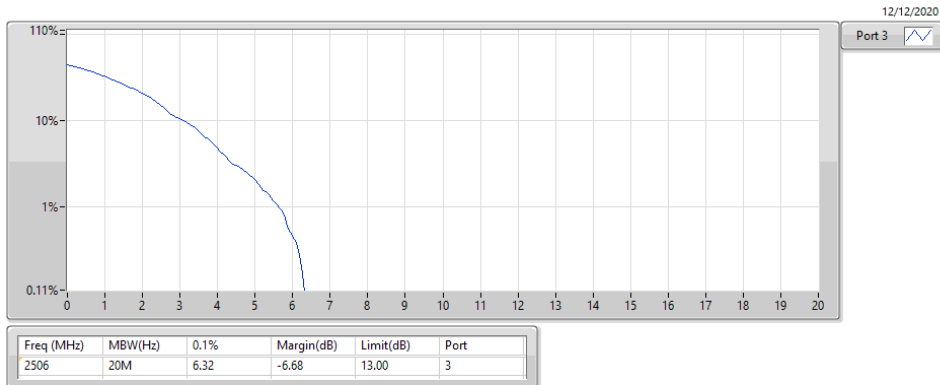
**2506MHz\_64QAM\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2506MHz\_64QAM\_RB 1,#RB M**

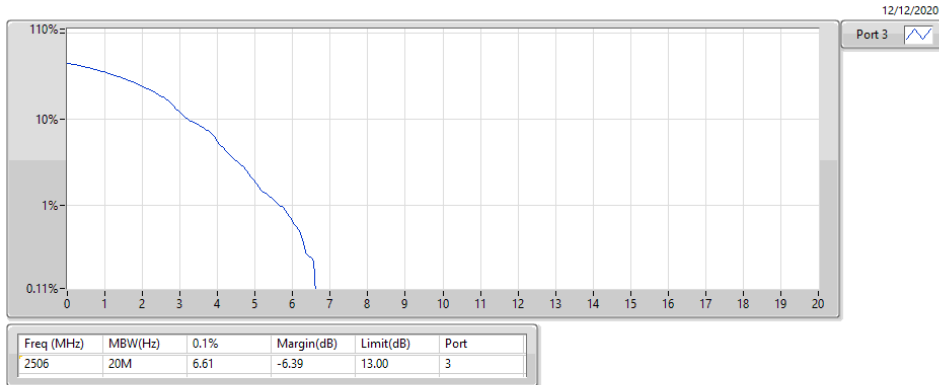


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

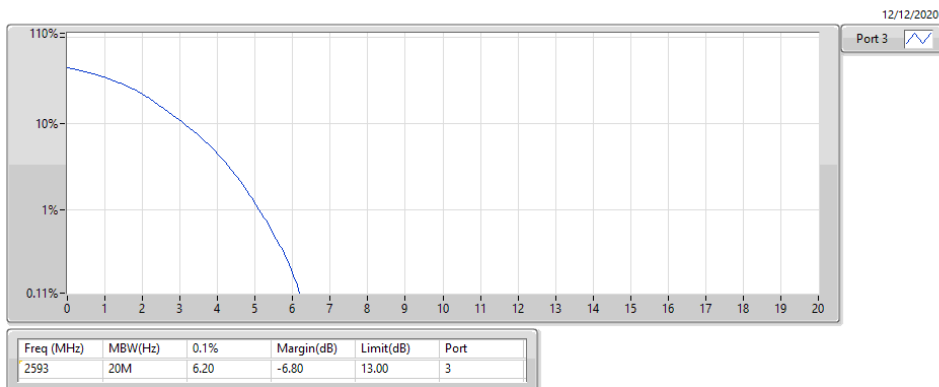
**2506MHz\_64QAM\_RB 1,#RB H**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

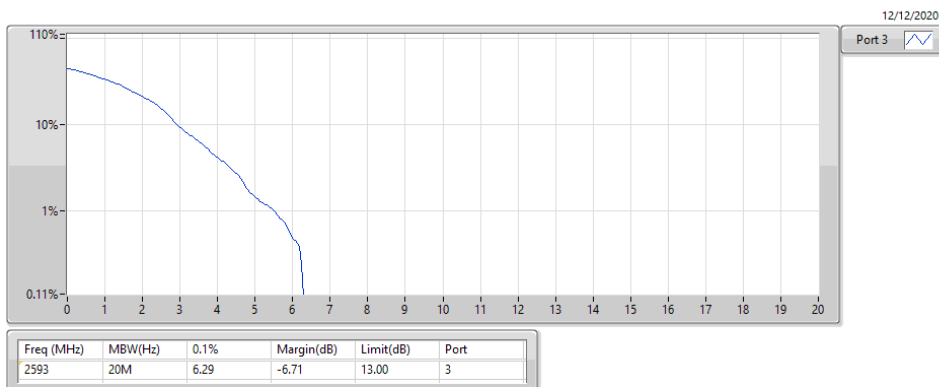
**2593MHz\_64QAM\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2593MHz\_64QAM\_RB 1,#RB L**

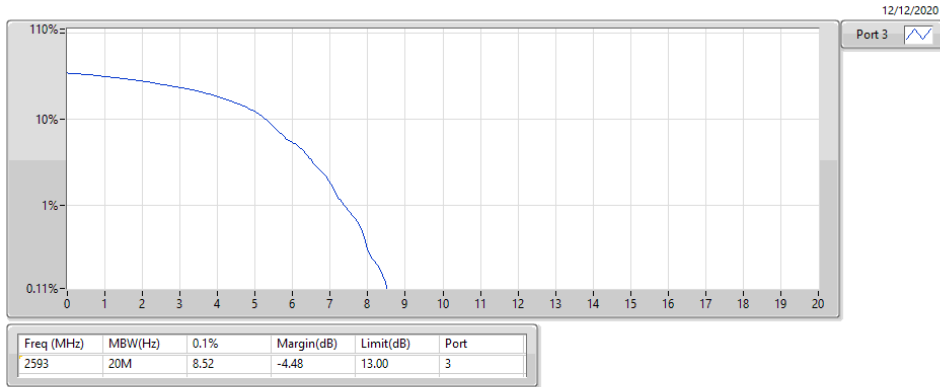


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

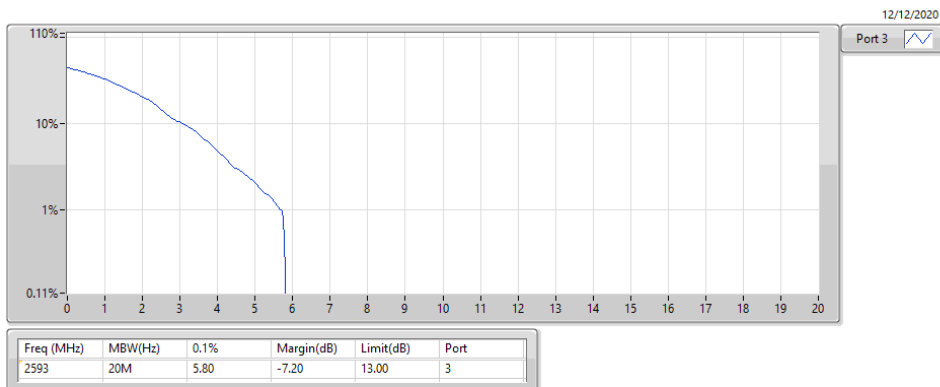
**2593MHz\_64QAM\_RB 1,#RB M**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

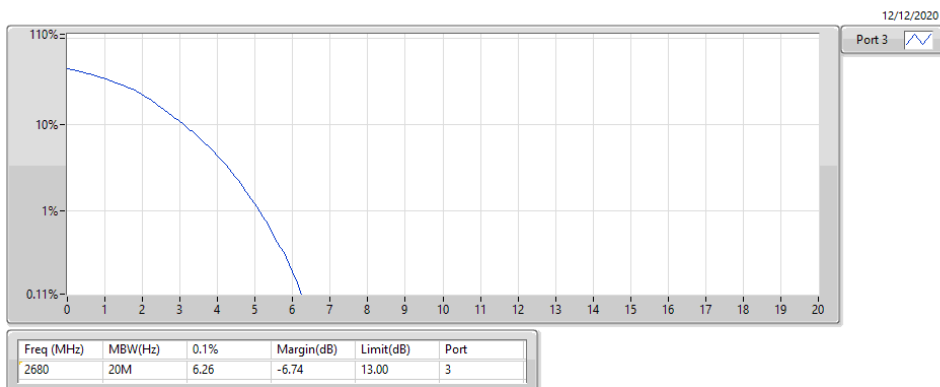
**2593MHz\_64QAM\_RB 1,#RB H**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2680MHz\_64QAM\_RB 100,#RB 0**

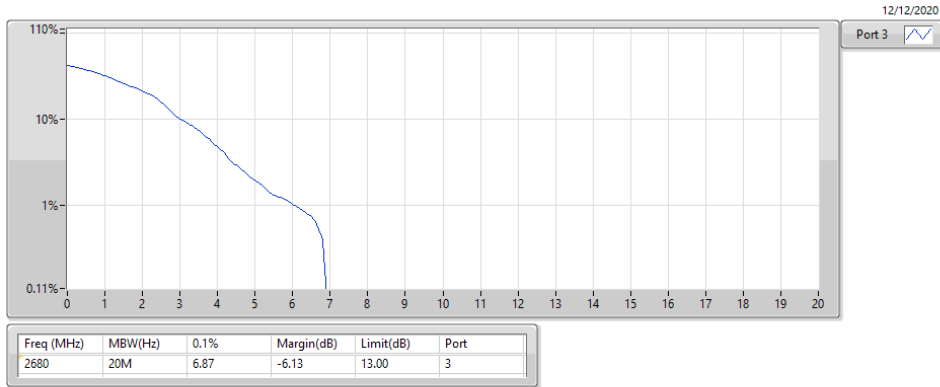


Test Mode: Mode 16 / EUT 2 + Set 3 antenna (LTE Band 41)

**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

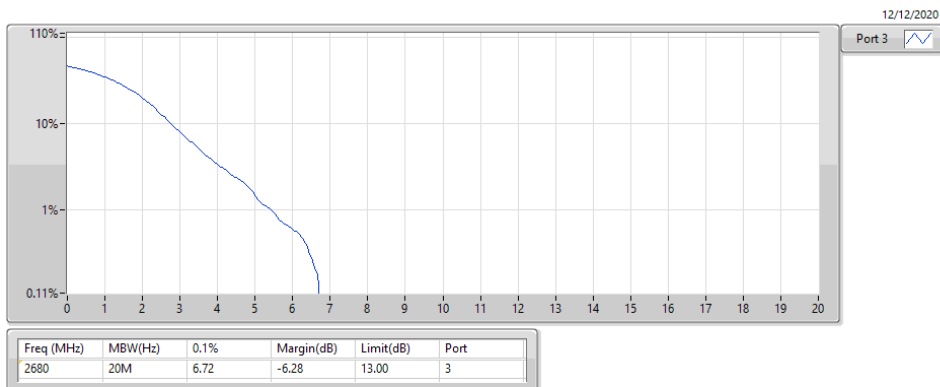
**2680MHz\_64QAM\_RB 1,#RB L**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

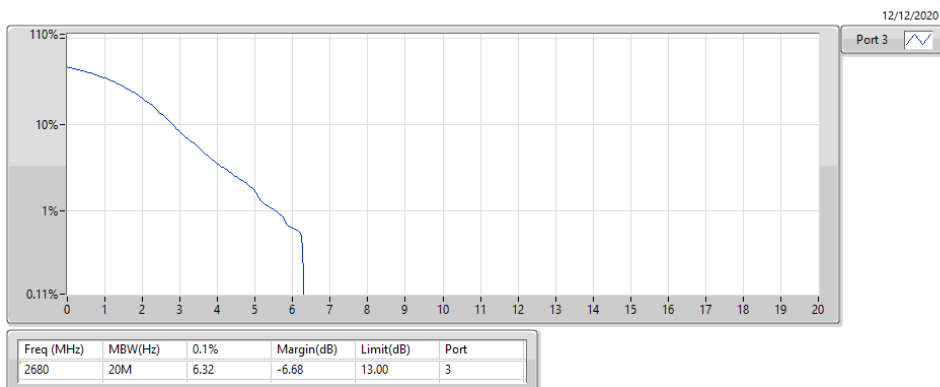
**2680MHz\_64QAM\_RB 1,#RB M**



**Band 41\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**2680MHz\_64QAM\_RB 1,#RB H**







## Peak to Average Power Ratio (PAPR)

## Appendix B.17

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

### Summary

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 66                  | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 1770          | 13.00         | 3.91 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 1770          | 13.00         | 5.91 | 1    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 1720          | 13.00         | 6.87 | 1    |



## Peak to Average Power Ratio (PAPR)

## Appendix B.17

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

### Result

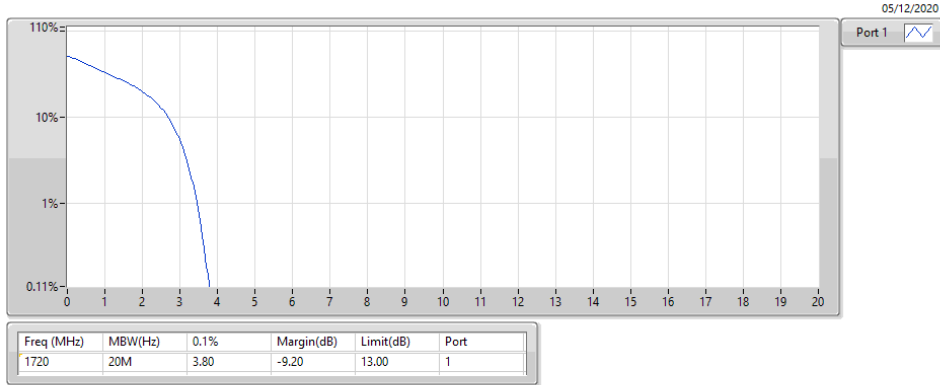
| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 66_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0             | Pass   | 1720          | 13.00         | 3.80 | 1    |
| 1720MHz_RB 1,#RB L               | Pass   | 1720          | 13.00         | 3.48 | 1    |
| 1720MHz_RB 1,#RB M               | Pass   | 1720          | 13.00         | 3.57 | 1    |
| 1720MHz_RB 1,#RB H               | Pass   | 1720          | 13.00         | 3.59 | 1    |
| 1745MHz_RB 100,#RB 0             | Pass   | 1745          | 13.00         | 3.77 | 1    |
| 1745MHz_RB 1,#RB L               | Pass   | 1745          | 13.00         | 3.51 | 1    |
| 1745MHz_RB 1,#RB M               | Pass   | 1745          | 13.00         | 3.62 | 1    |
| 1745MHz_RB 1,#RB H               | Pass   | 1745          | 13.00         | 3.57 | 1    |
| 1770MHz_RB 100,#RB 0             | Pass   | 1770          | 13.00         | 3.91 | 1    |
| 1770MHz_RB 1,#RB L               | Pass   | 1770          | 13.00         | 3.57 | 1    |
| 1770MHz_RB 1,#RB M               | Pass   | 1770          | 13.00         | 3.71 | 1    |
| 1770MHz_RB 1,#RB H               | Pass   | 1770          | 13.00         | 3.54 | 1    |
| Band 66_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0             | Pass   | 1720          | 13.00         | 5.71 | 1    |
| 1720MHz_RB 1,#RB L               | Pass   | 1720          | 13.00         | 5.39 | 1    |
| 1720MHz_RB 1,#RB M               | Pass   | 1720          | 13.00         | 5.42 | 1    |
| 1720MHz_RB 1,#RB H               | Pass   | 1720          | 13.00         | 5.59 | 1    |
| 1745MHz_RB 100,#RB 0             | Pass   | 1745          | 13.00         | 5.65 | 1    |
| 1745MHz_RB 1,#RB L               | Pass   | 1745          | 13.00         | 5.33 | 1    |
| 1745MHz_RB 1,#RB M               | Pass   | 1745          | 13.00         | 4.90 | 1    |
| 1745MHz_RB 1,#RB H               | Pass   | 1745          | 13.00         | 5.33 | 1    |
| 1770MHz_RB 100,#RB 0             | Pass   | 1770          | 13.00         | 5.83 | 1    |
| 1770MHz_RB 1,#RB L               | Pass   | 1770          | 13.00         | 5.48 | 1    |
| 1770MHz_RB 1,#RB M               | Pass   | 1770          | 13.00         | 5.91 | 1    |
| 1770MHz_RB 1,#RB H               | Pass   | 1770          | 13.00         | 5.28 | 1    |
| Band 66_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0             | Pass   | 1720          | 13.00         | 6.35 | 1    |
| 1720MHz_RB 1,#RB L               | Pass   | 1720          | 13.00         | 6.41 | 1    |
| 1720MHz_RB 1,#RB M               | Pass   | 1720          | 13.00         | 6.87 | 1    |
| 1720MHz_RB 1,#RB H               | Pass   | 1720          | 13.00         | 6.35 | 1    |
| 1745MHz_RB 100,#RB 0             | Pass   | 1745          | 13.00         | 6.06 | 1    |
| 1745MHz_RB 1,#RB L               | Pass   | 1745          | 13.00         | 6.43 | 1    |
| 1745MHz_RB 1,#RB M               | Pass   | 1745          | 13.00         | 5.83 | 1    |
| 1745MHz_RB 1,#RB H               | Pass   | 1745          | 13.00         | 5.54 | 1    |
| 1770MHz_RB 100,#RB 0             | Pass   | 1770          | 13.00         | 6.41 | 1    |
| 1770MHz_RB 1,#RB L               | Pass   | 1770          | 13.00         | 6.58 | 1    |
| 1770MHz_RB 1,#RB M               | Pass   | 1770          | 13.00         | 6.84 | 1    |
| 1770MHz_RB 1,#RB H               | Pass   | 1770          | 13.00         | 6.72 | 1    |

Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

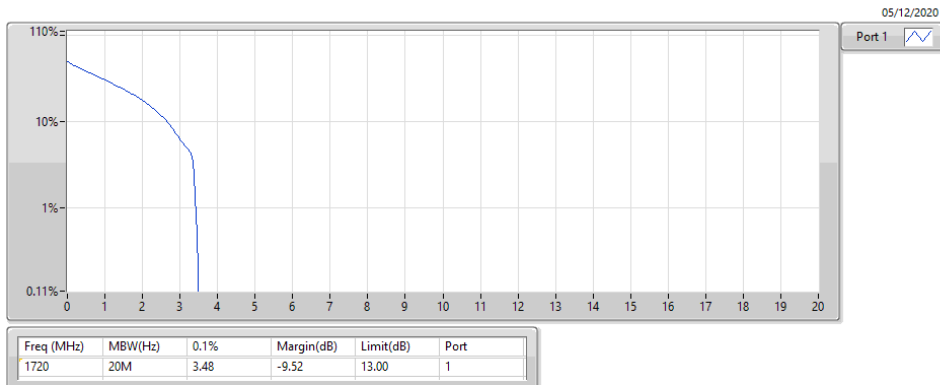
**1720MHz\_QPSK\_RB 100,#RB 0**



**Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

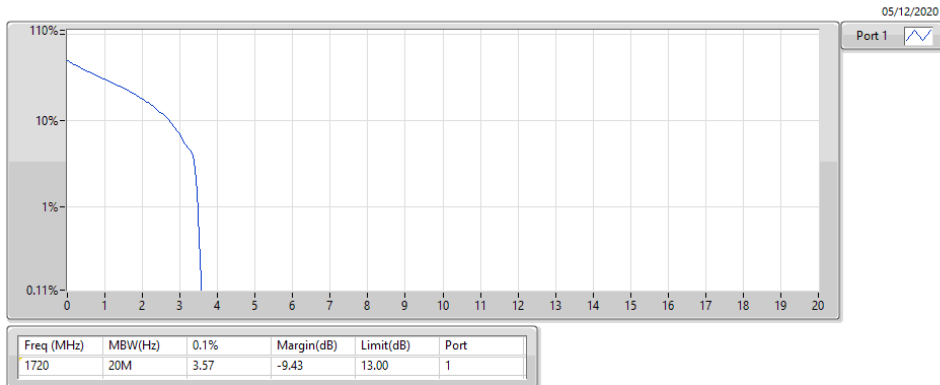
**1720MHz\_QPSK\_RB 1,#RB L**



**Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**1720MHz\_QPSK\_RB 1,#RB M**

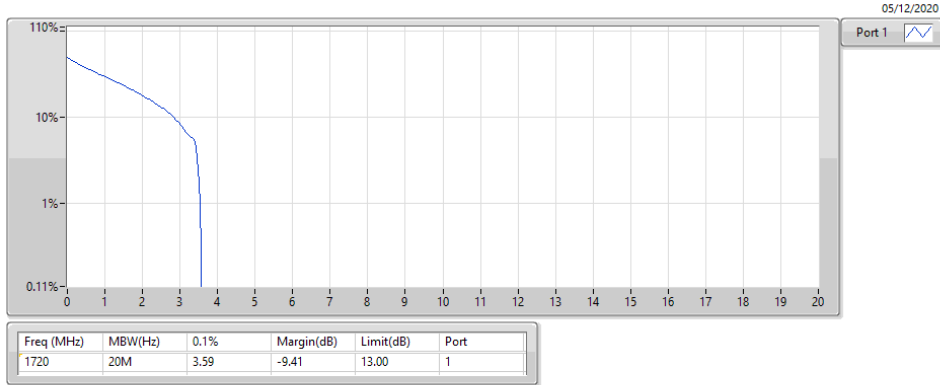


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

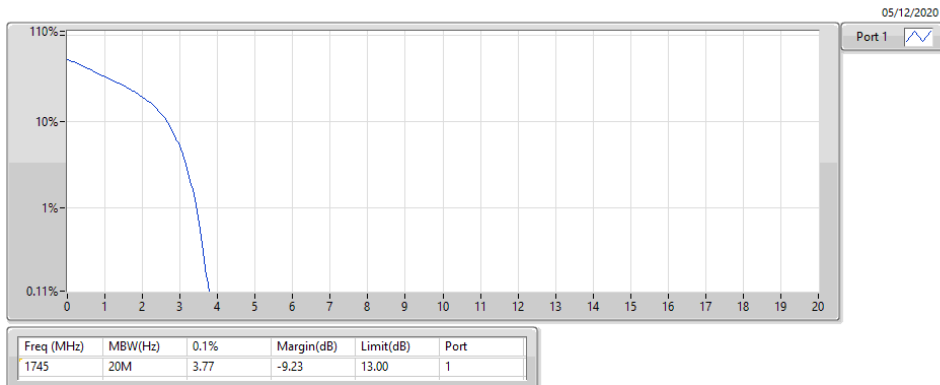
1720MHz\_QPSK\_RB 1,#RB H



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

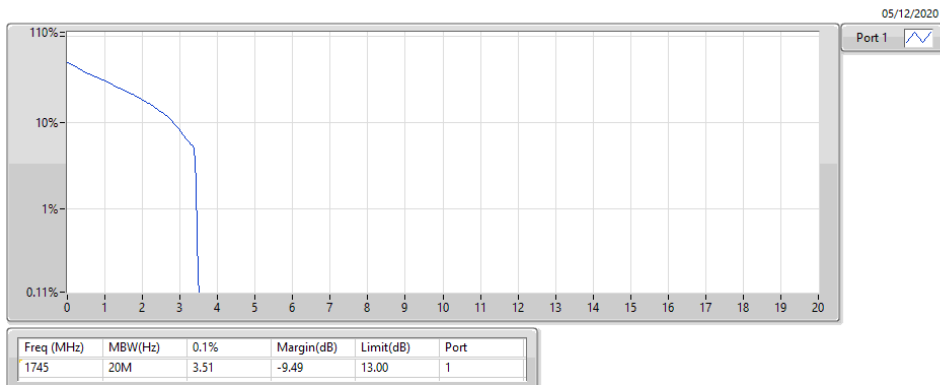
1745MHz\_QPSK\_RB 100,#RB 0



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

1745MHz\_QPSK\_RB 1,#RB L

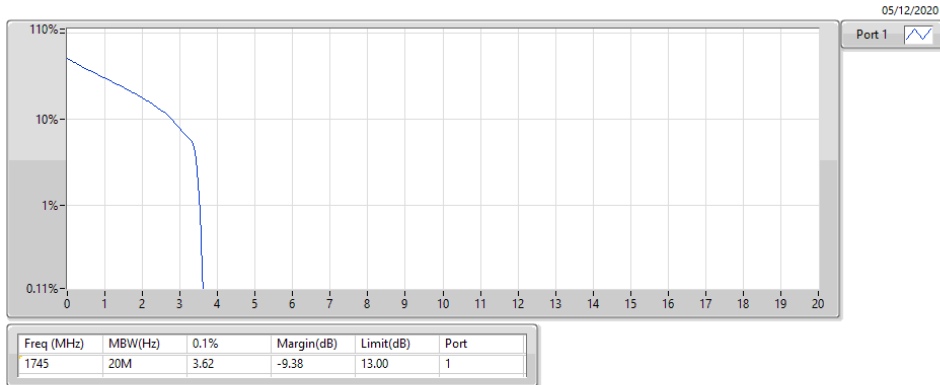


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

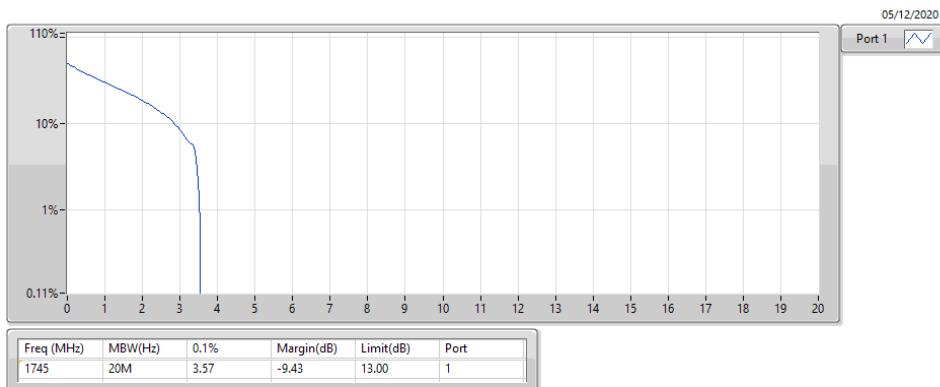
1745MHz\_QPSK\_RB 1,#RB M



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

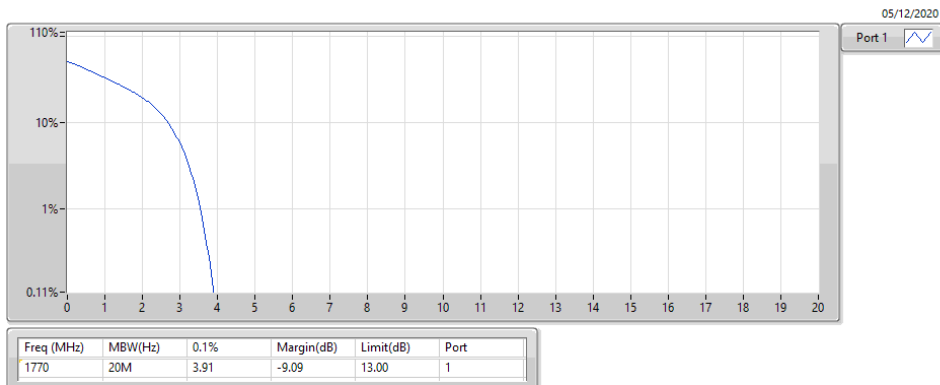
1745MHz\_QPSK\_RB 1,#RB H



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

1770MHz\_QPSK\_RB 100,#RB 0

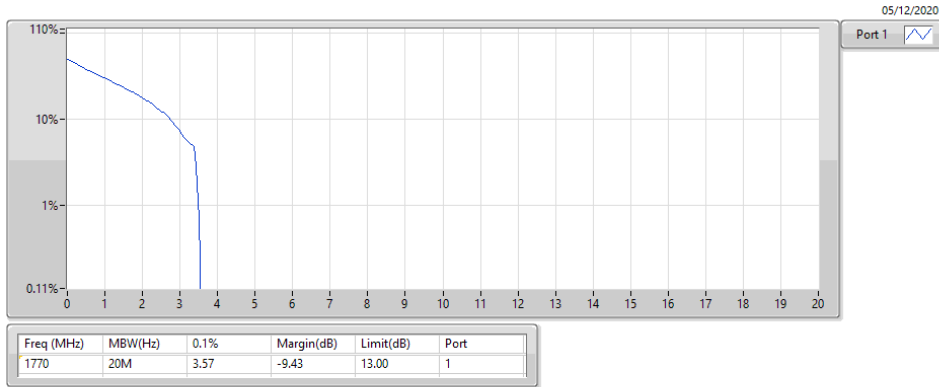


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

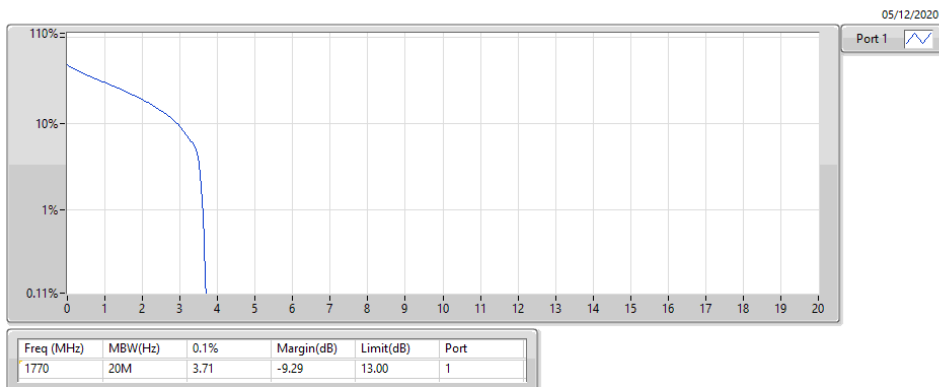
1770MHz\_QPSK\_RB 1,#RB L



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

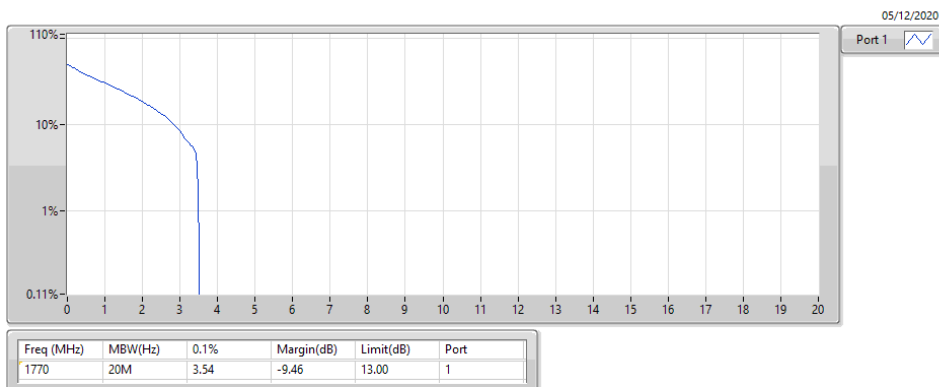
1770MHz\_QPSK\_RB 1,#RB M



Band 66\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

1770MHz\_QPSK\_RB 1,#RB H

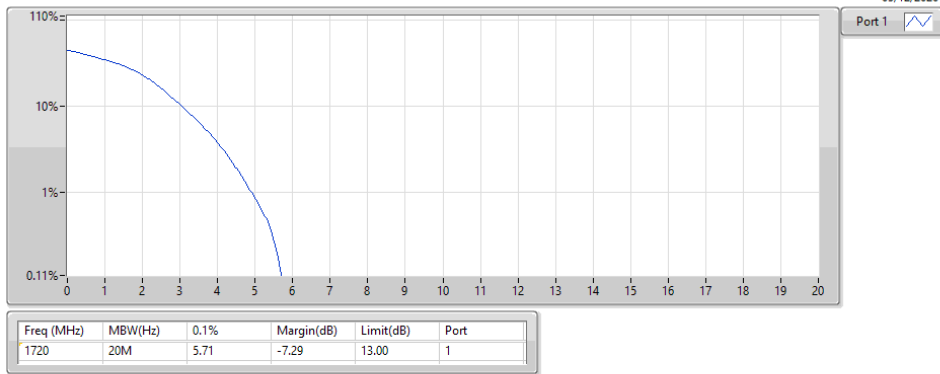


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

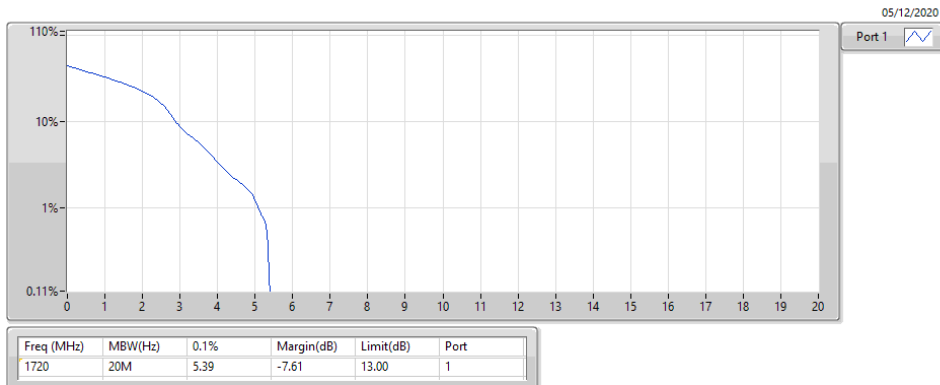
**1720MHz\_16QAM\_RB 100,#RB 0**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

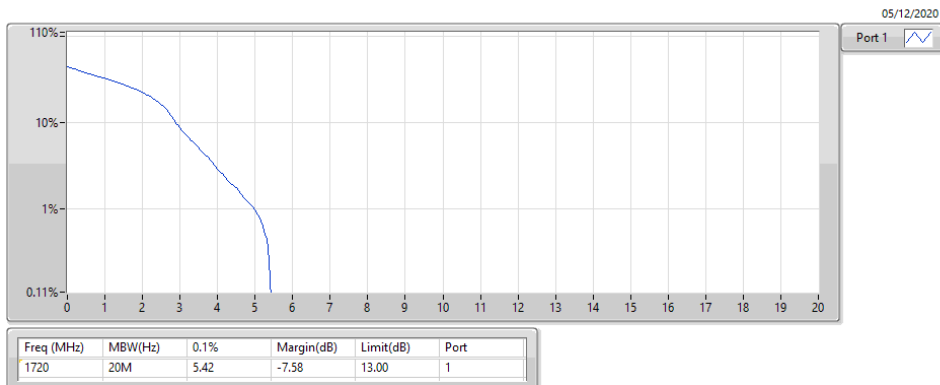
**1720MHz\_16QAM\_RB 1,#RB L**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1720MHz\_16QAM\_RB 1,#RB M**

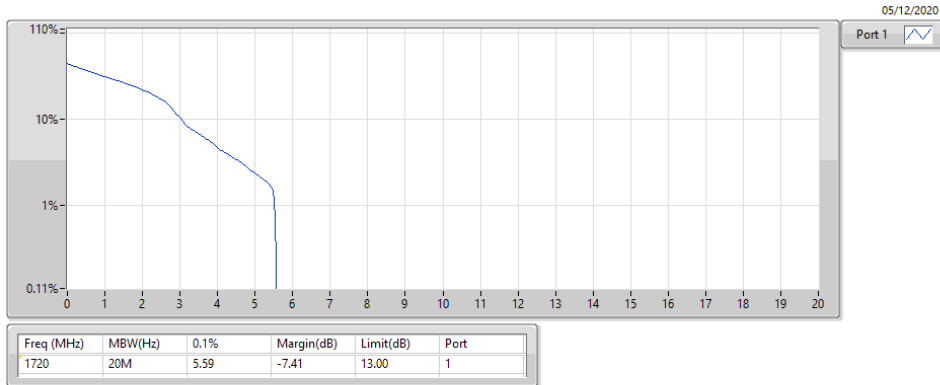


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

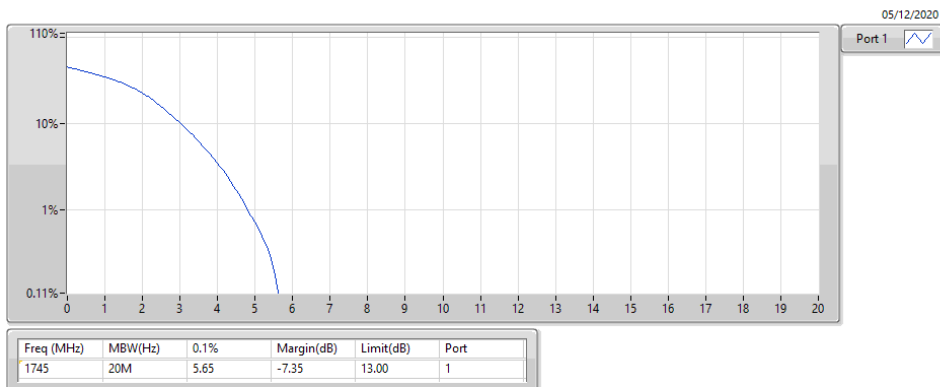
**1720MHz\_16QAM\_RB 1,#RB H**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

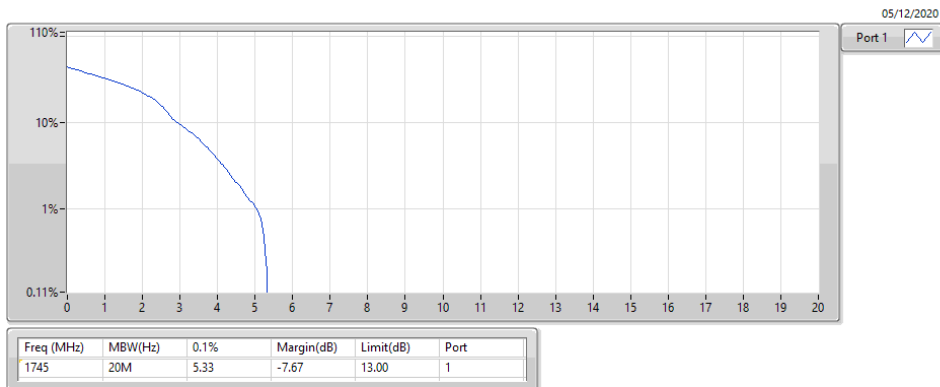
**1745MHz\_16QAM\_RB 100,#RB 0**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1745MHz\_16QAM\_RB 1,#RB L**



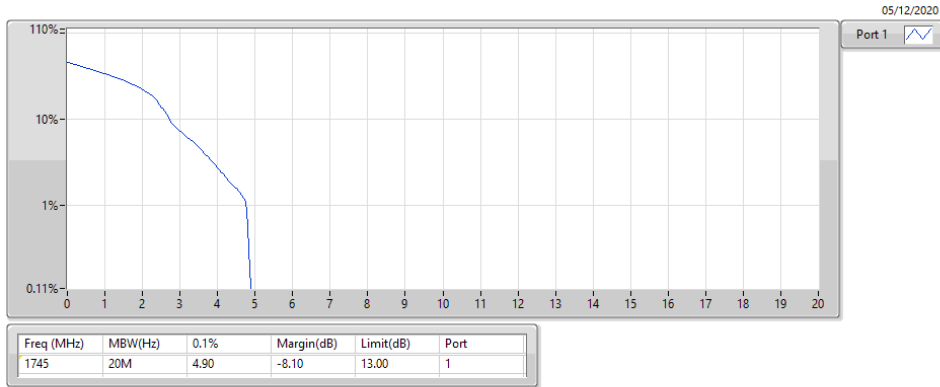


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

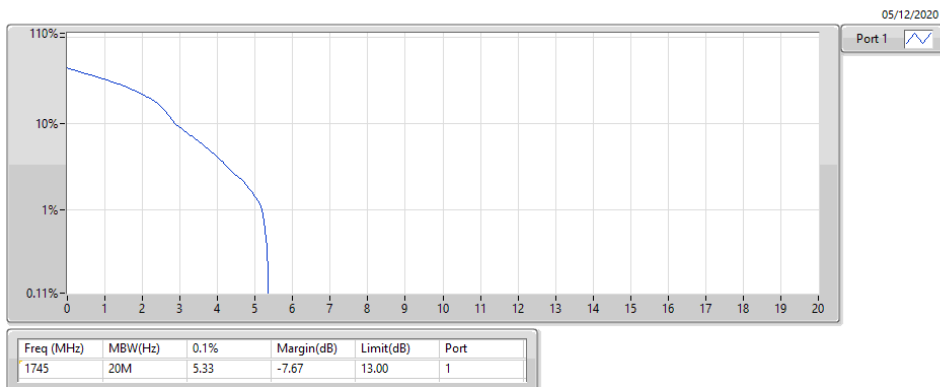
**1745MHz\_16QAM\_RB 1,#RB M**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

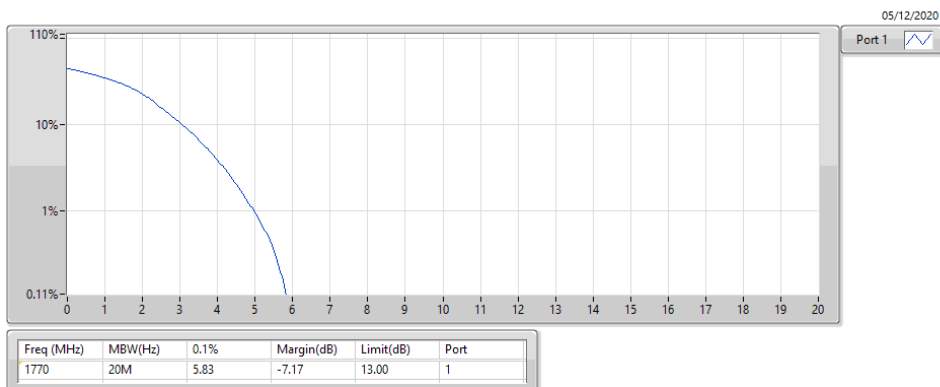
**1745MHz\_16QAM\_RB 1,#RB H**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1770MHz\_16QAM\_RB 100,#RB 0**

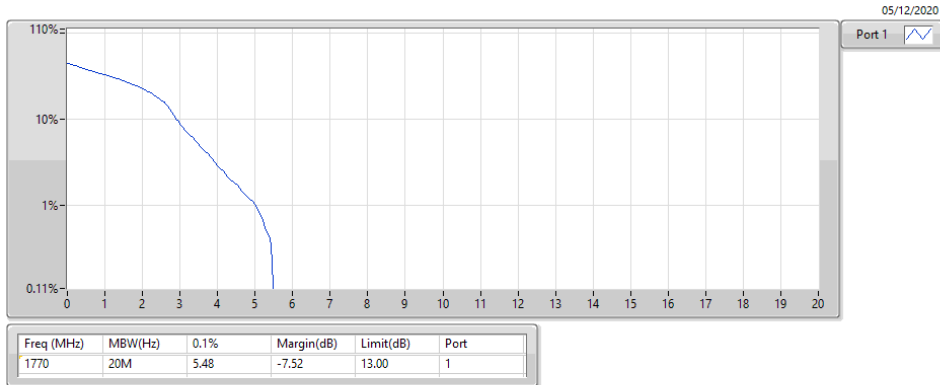


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

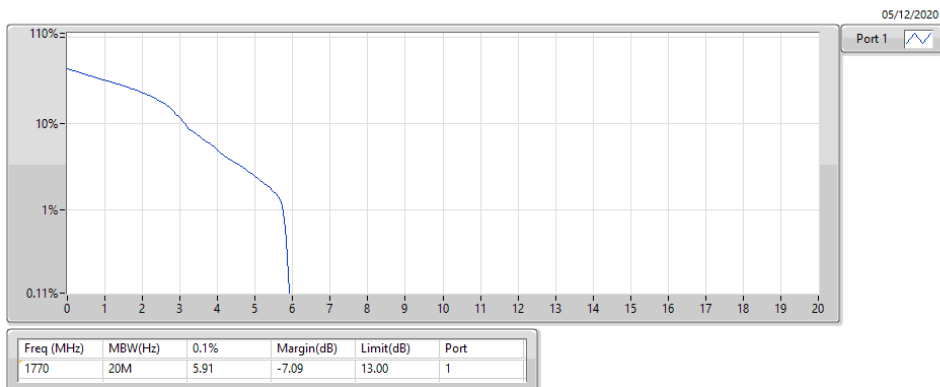
**1770MHz\_16QAM\_RB 1,#RB L**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

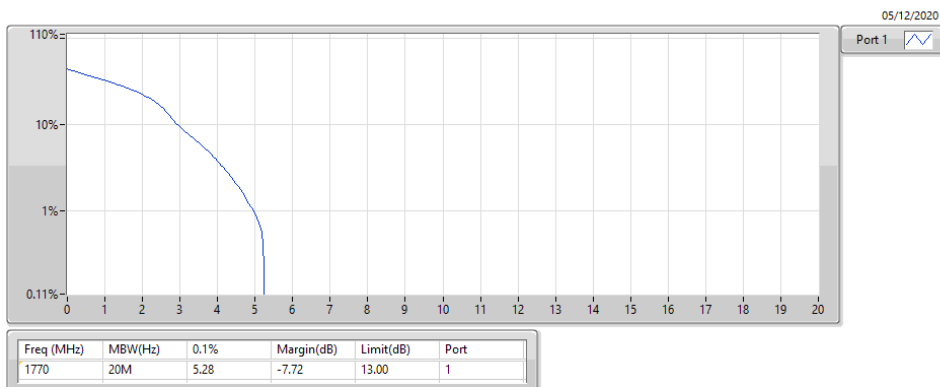
**1770MHz\_16QAM\_RB 1,#RB M**



**Band 66\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**1770MHz\_16QAM\_RB 1,#RB H**

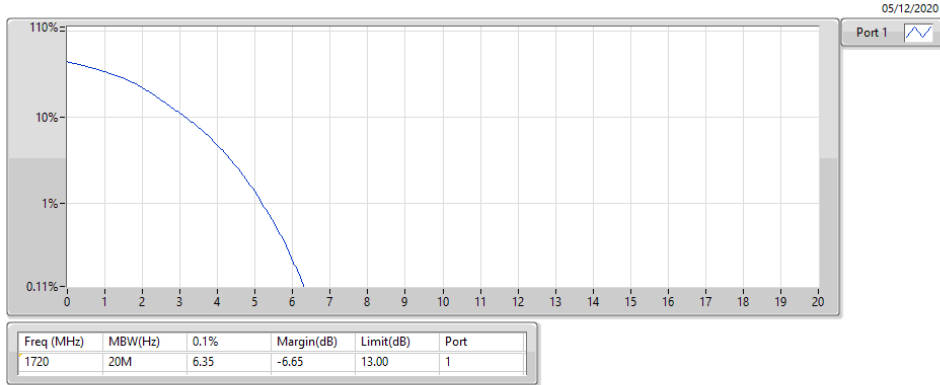


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

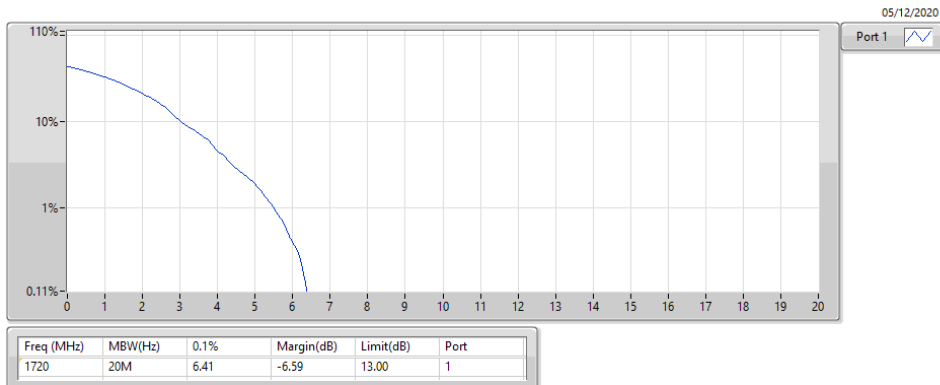
**1720MHz\_64QAM\_RB 100,#RB 0**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

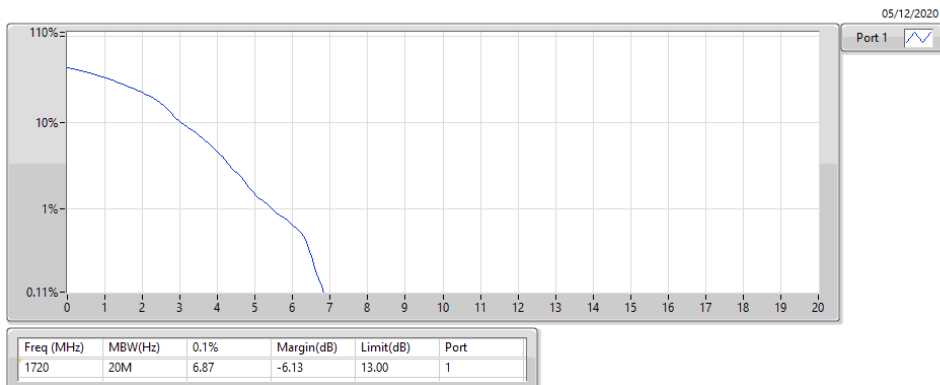
**1720MHz\_64QAM\_RB 1,#RB L**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1720MHz\_64QAM\_RB 1,#RB M**

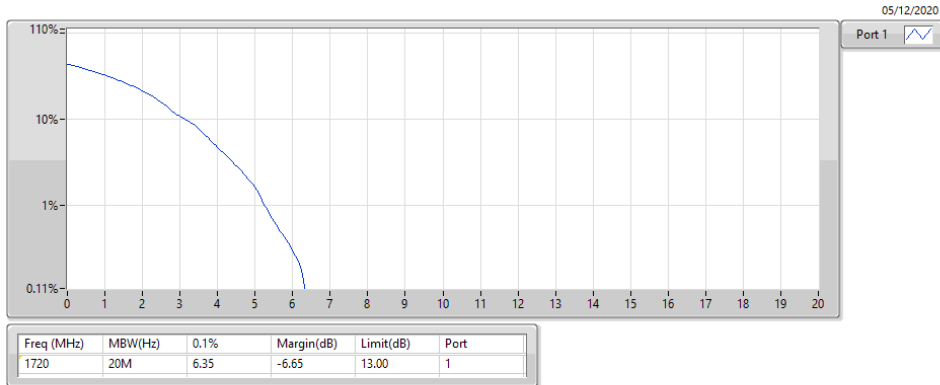


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

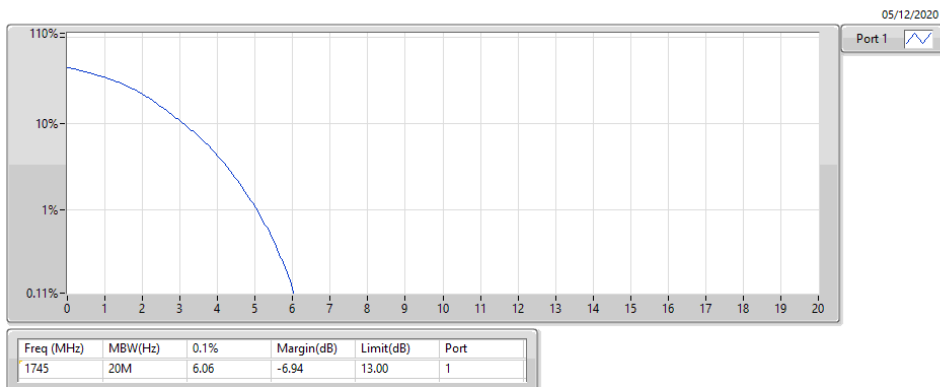
**1720MHz\_64QAM\_RB 1,#RB H**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

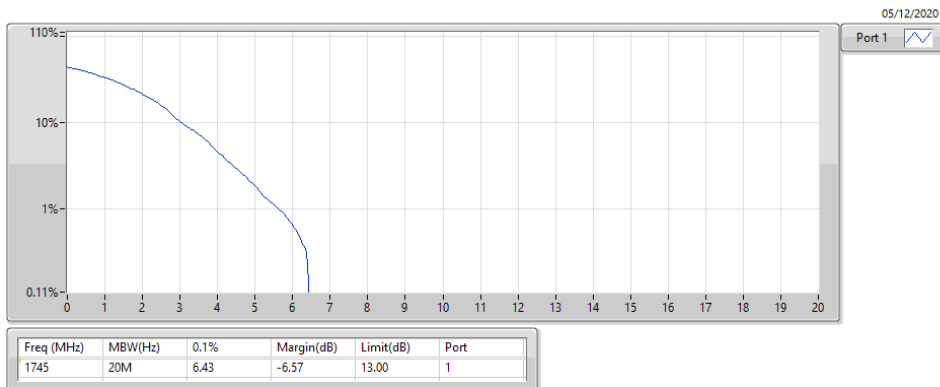
**1745MHz\_64QAM\_RB 100,#RB 0**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1745MHz\_64QAM\_RB 1,#RB L**

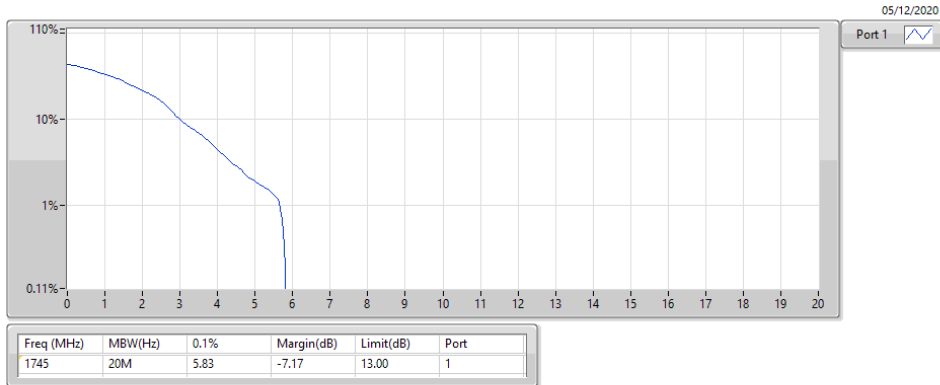


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

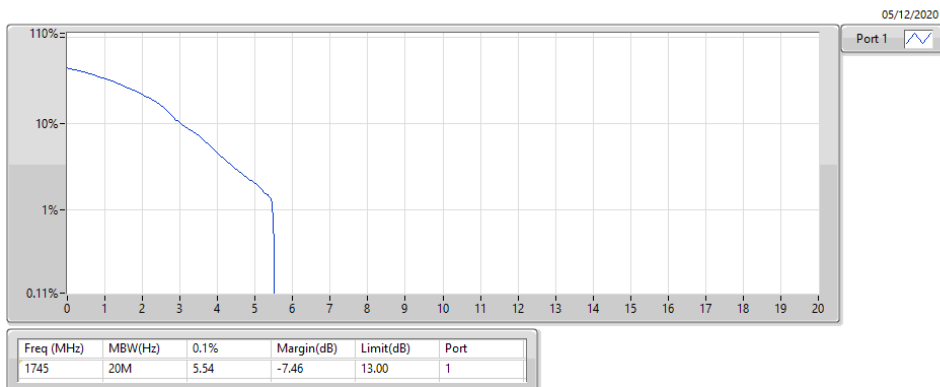
**1745MHz\_64QAM\_RB 1,#RB M**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

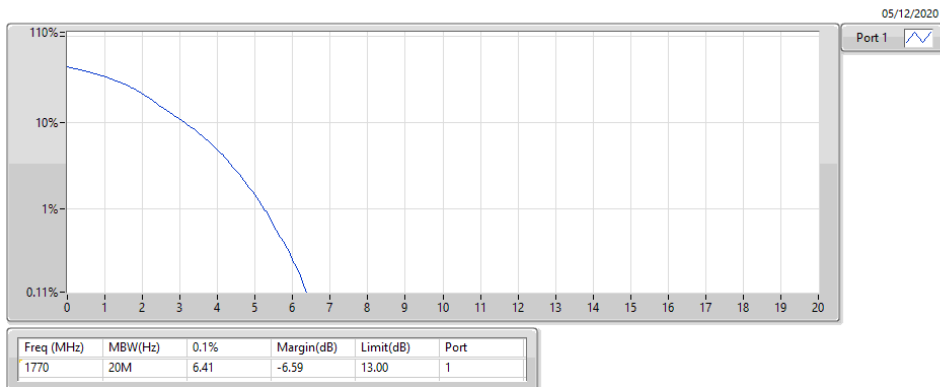
**1745MHz\_64QAM\_RB 1,#RB H**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1770MHz\_64QAM\_RB 100,#RB 0**

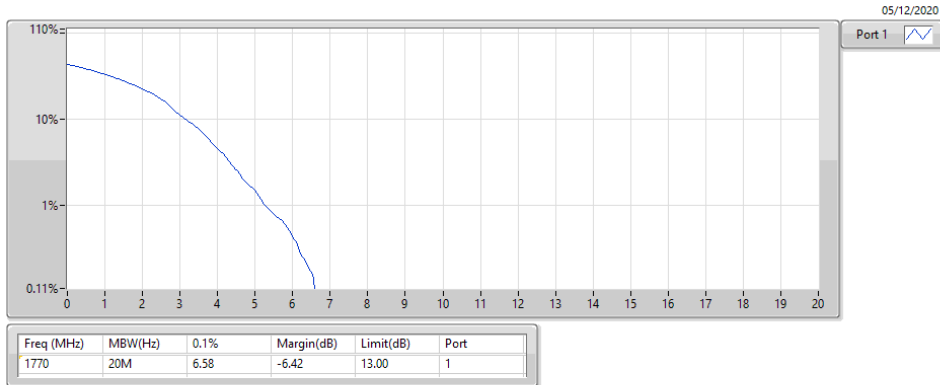


Test Mode: Mode 17 / EUT 2 + Set 3 antenna (LTE Band 66)

**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

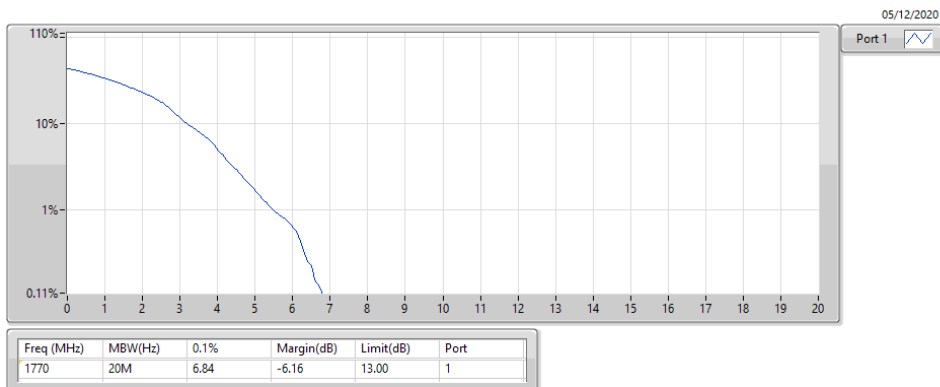
**1770MHz\_64QAM\_RB 1,#RB L**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

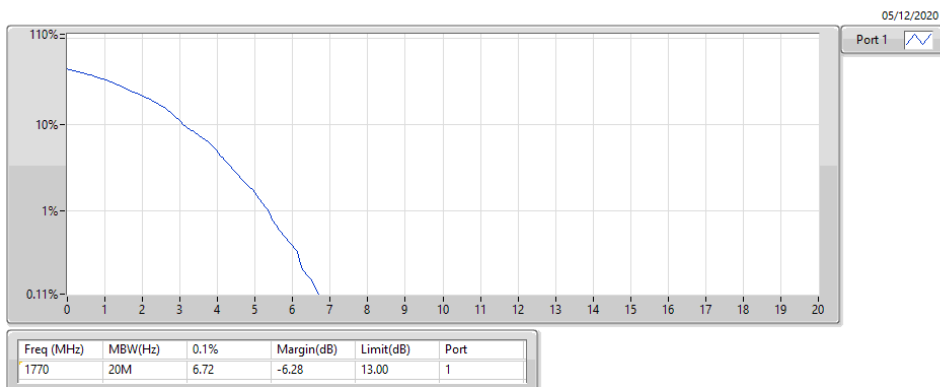
**1770MHz\_64QAM\_RB 1,#RB M**



**Band 66\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**1770MHz\_64QAM\_RB 1,#RB H**





Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Summary**

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 71                  | -      | -             | -             | -    | -    |
| LTE_20MHz_Nss1,QPSK_1TX  | Pass   | 688           | 13.00         | 3.94 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX | Pass   | 688           | 13.00         | 5.77 | 1    |
| LTE_20MHz_Nss1,64QAM_1TX | Pass   | 673           | 13.00         | 6.49 | 1    |



Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Result**

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 71_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 673MHz_RB 100,#RB 0              | Pass   | 673           | 13.00         | 3.74 | 1    |
| 673MHz_RB 1,#RB L                | Pass   | 673           | 13.00         | 3.45 | 1    |
| 673MHz_RB 1,#RB M                | Pass   | 673           | 13.00         | 3.33 | 1    |
| 673MHz_RB 1,#RB H                | Pass   | 673           | 13.00         | 3.54 | 1    |
| 680.5MHz_RB 100,#RB 0            | Pass   | 680.5         | 13.00         | 3.71 | 1    |
| 680.5MHz_RB 1,#RB L              | Pass   | 680.5         | 13.00         | 3.45 | 1    |
| 680.5MHz_RB 1,#RB M              | Pass   | 680.5         | 13.00         | 3.54 | 1    |
| 680.5MHz_RB 1,#RB H              | Pass   | 680.5         | 13.00         | 3.45 | 1    |
| 688MHz_RB 100,#RB 0              | Pass   | 688           | 13.00         | 3.94 | 1    |
| 688MHz_RB 1,#RB L                | Pass   | 688           | 13.00         | 3.51 | 1    |
| 688MHz_RB 1,#RB M                | Pass   | 688           | 13.00         | 3.68 | 1    |
| 688MHz_RB 1,#RB H                | Pass   | 688           | 13.00         | 3.39 | 1    |
| Band 71_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 673MHz_RB 100,#RB 0              | Pass   | 673           | 13.00         | 5.68 | 1    |
| 673MHz_RB 1,#RB L                | Pass   | 673           | 13.00         | 5.48 | 1    |
| 673MHz_RB 1,#RB M                | Pass   | 673           | 13.00         | 5.36 | 1    |
| 673MHz_RB 1,#RB H                | Pass   | 673           | 13.00         | 4.06 | 1    |
| 680.5MHz_RB 100,#RB 0            | Pass   | 680.5         | 13.00         | 5.51 | 1    |
| 680.5MHz_RB 1,#RB L              | Pass   | 680.5         | 13.00         | 4.96 | 1    |
| 680.5MHz_RB 1,#RB M              | Pass   | 680.5         | 13.00         | 4.41 | 1    |
| 680.5MHz_RB 1,#RB H              | Pass   | 680.5         | 13.00         | 5.19 | 1    |
| 688MHz_RB 100,#RB 0              | Pass   | 688           | 13.00         | 5.77 | 1    |
| 688MHz_RB 1,#RB L                | Pass   | 688           | 13.00         | 4.43 | 1    |
| 688MHz_RB 1,#RB M                | Pass   | 688           | 13.00         | 5.07 | 1    |
| 688MHz_RB 1,#RB H                | Pass   | 688           | 13.00         | 4.41 | 1    |
| Band 71_LTE_20MHz_Nss1,64QAM_1TX | -      | -             | -             | -    | -    |
| 673MHz_RB 100,#RB 0              | Pass   | 673           | 13.00         | 6.20 | 1    |
| 673MHz_RB 1,#RB L                | Pass   | 673           | 13.00         | 6.49 | 1    |
| 673MHz_RB 1,#RB M                | Pass   | 673           | 13.00         | 6.00 | 1    |
| 673MHz_RB 1,#RB H                | Pass   | 673           | 13.00         | 5.33 | 1    |
| 680.5MHz_RB 100,#RB 0            | Pass   | 680.5         | 13.00         | 6.03 | 1    |
| 680.5MHz_RB 1,#RB L              | Pass   | 680.5         | 13.00         | 5.77 | 1    |
| 680.5MHz_RB 1,#RB M              | Pass   | 680.5         | 13.00         | 5.57 | 1    |
| 680.5MHz_RB 1,#RB H              | Pass   | 680.5         | 13.00         | 6.17 | 1    |
| 688MHz_RB 100,#RB 0              | Pass   | 688           | 13.00         | 6.26 | 1    |
| 688MHz_RB 1,#RB L                | Pass   | 688           | 13.00         | 5.54 | 1    |
| 688MHz_RB 1,#RB M                | Pass   | 688           | 13.00         | 5.80 | 1    |
| 688MHz_RB 1,#RB H                | Pass   | 688           | 13.00         | 5.45 | 1    |

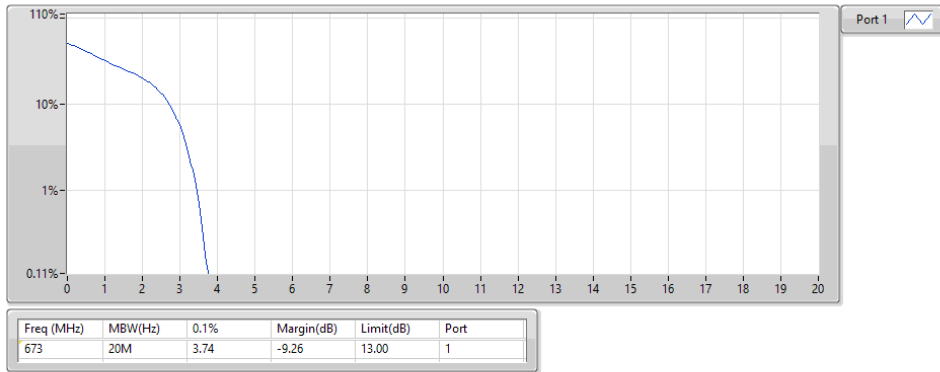


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

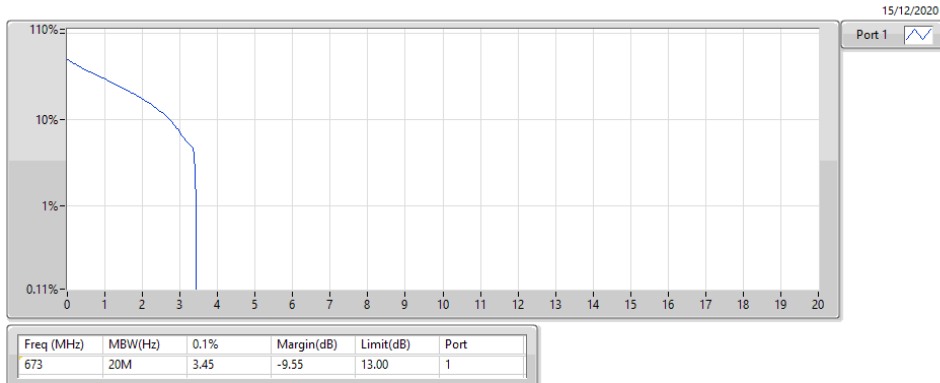
**673MHz\_QPSK\_RB 100,#RB 0**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

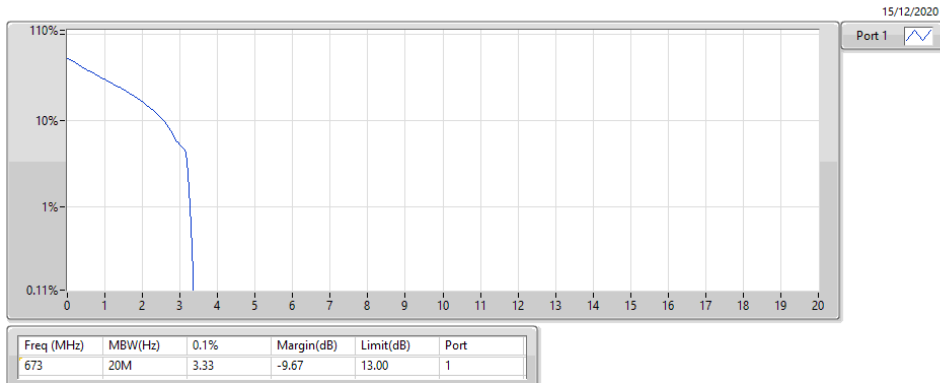
**673MHz\_QPSK\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**673MHz\_QPSK\_RB 1,#RB M**

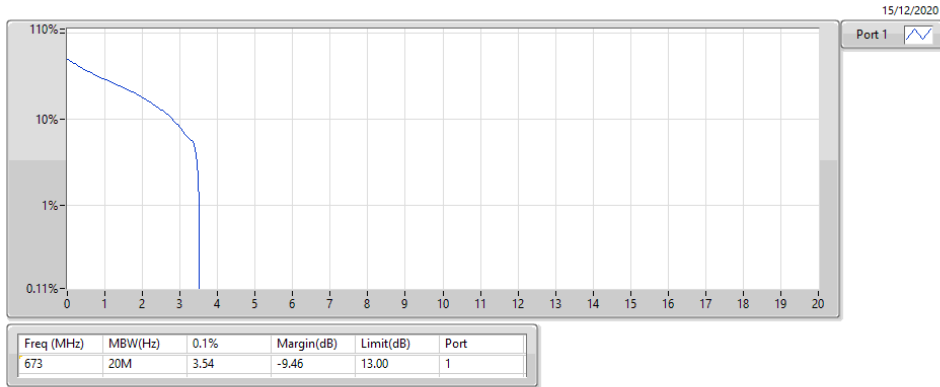


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

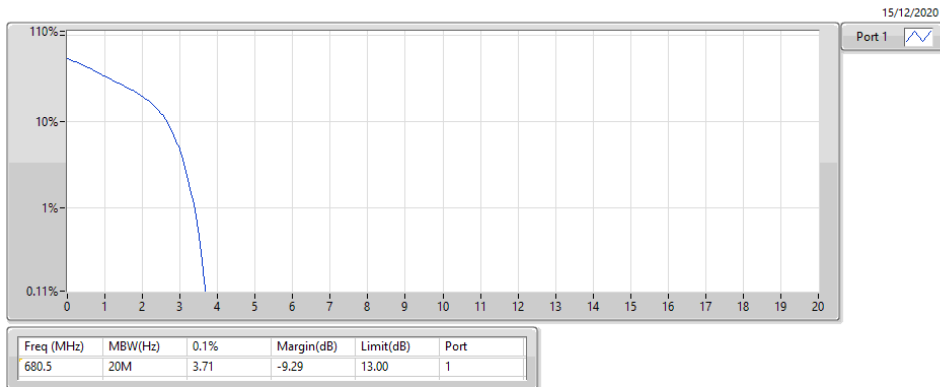
673MHz\_QPSK\_RB 1,#RB H



Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

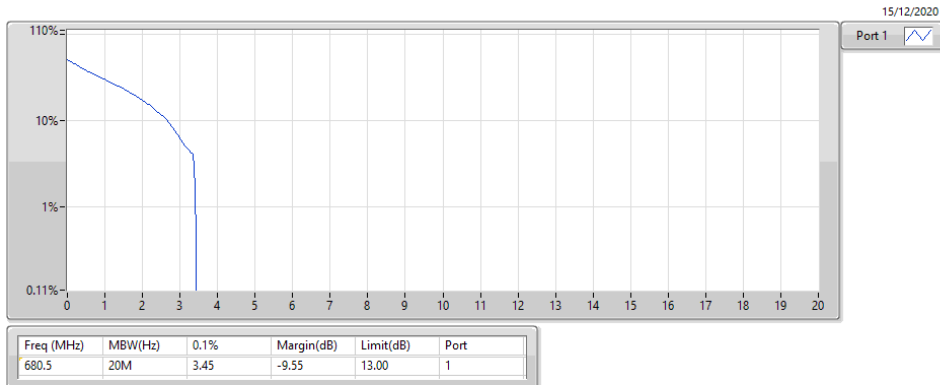
680.5MHz\_QPSK\_RB 100,#RB 0



Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX

PAR

680.5MHz\_QPSK\_RB 1,#RB L

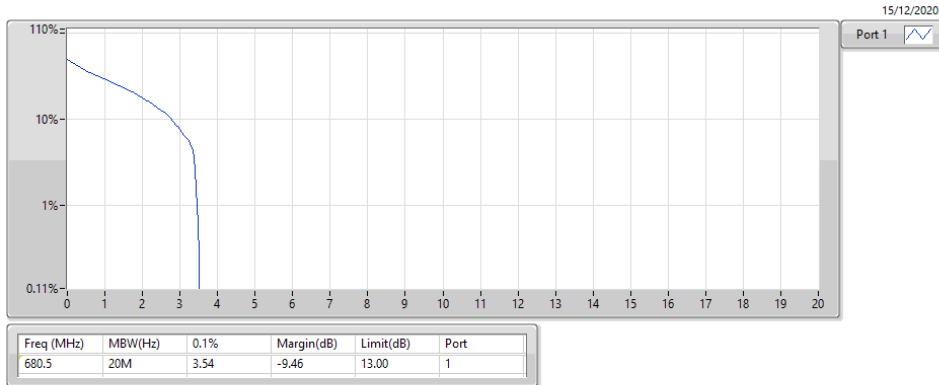


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

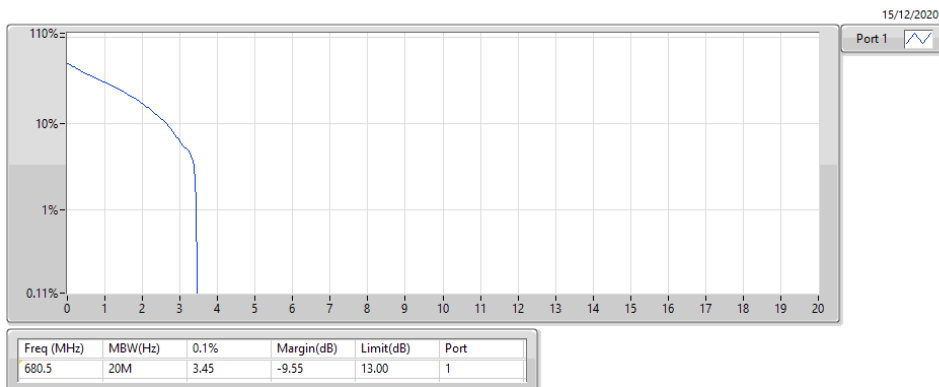
**680.5MHz\_QPSK\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

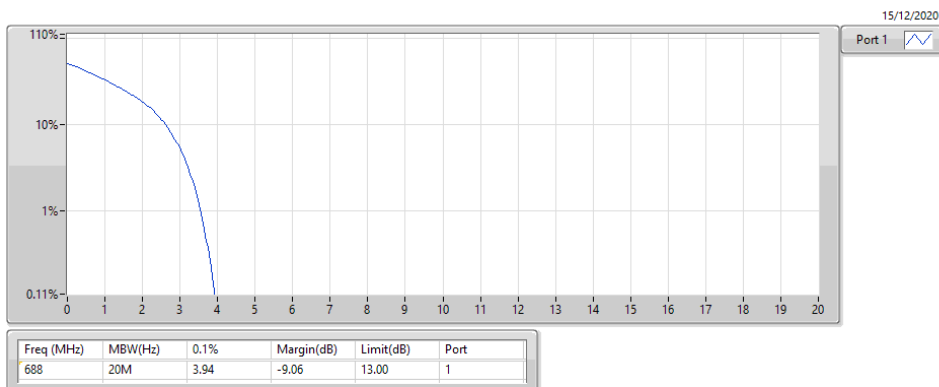
**680.5MHz\_QPSK\_RB 1,#RB H**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**688MHz\_QPSK\_RB 100,#RB 0**

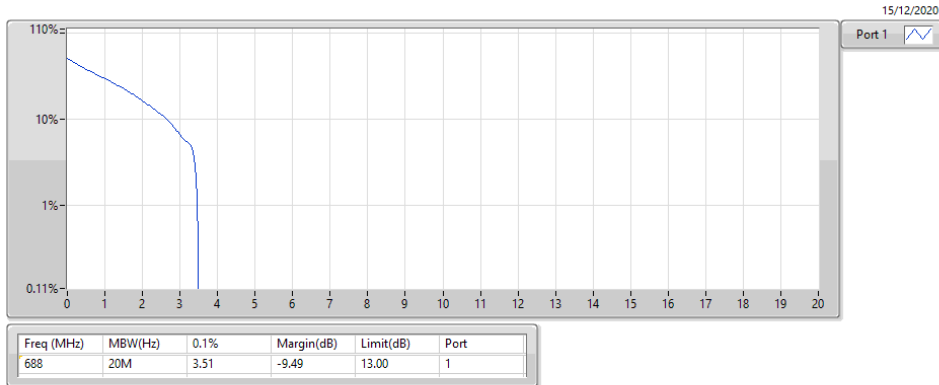


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

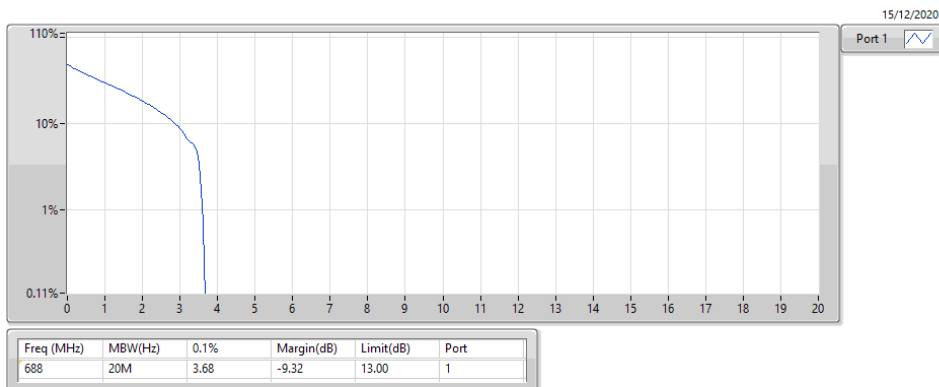
**688MHz\_QPSK\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

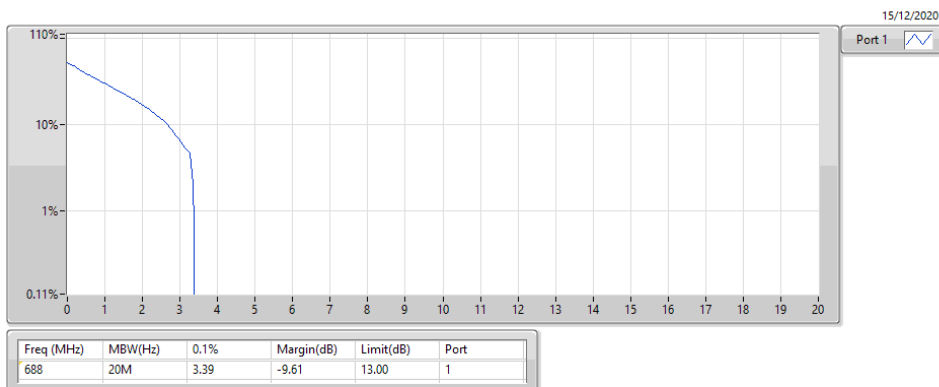
**688MHz\_QPSK\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,QPSK\_1TX**

**PAR**

**688MHz\_QPSK\_RB 1,#RB H**

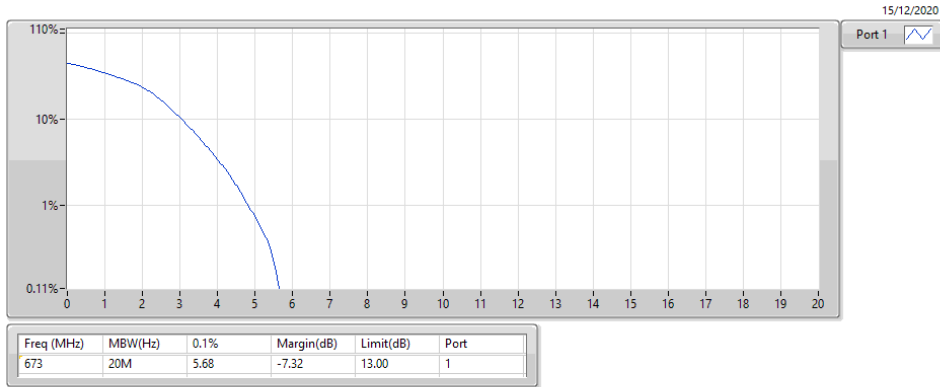


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

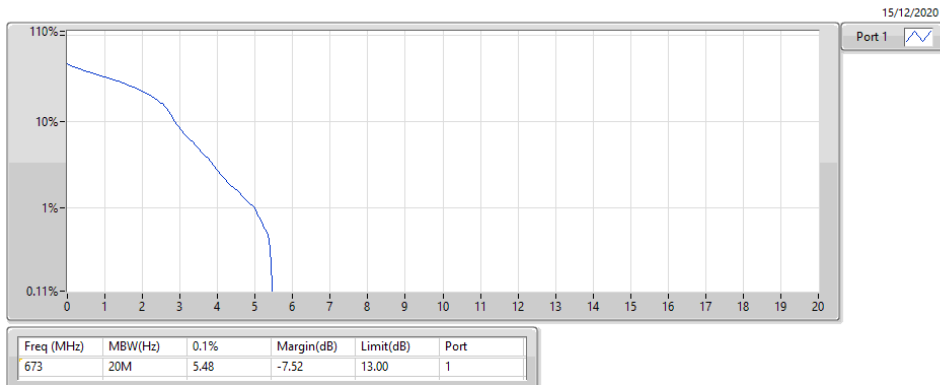
**673MHz\_16QAM\_RB 100,#RB 0**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

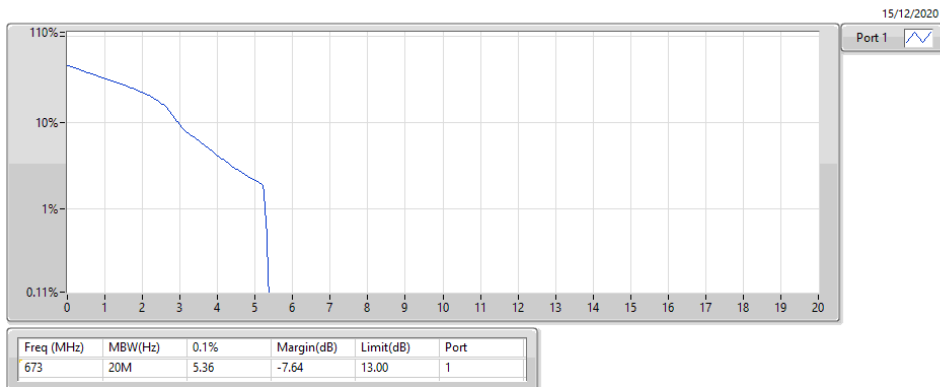
**673MHz\_16QAM\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**673MHz\_16QAM\_RB 1,#RB M**

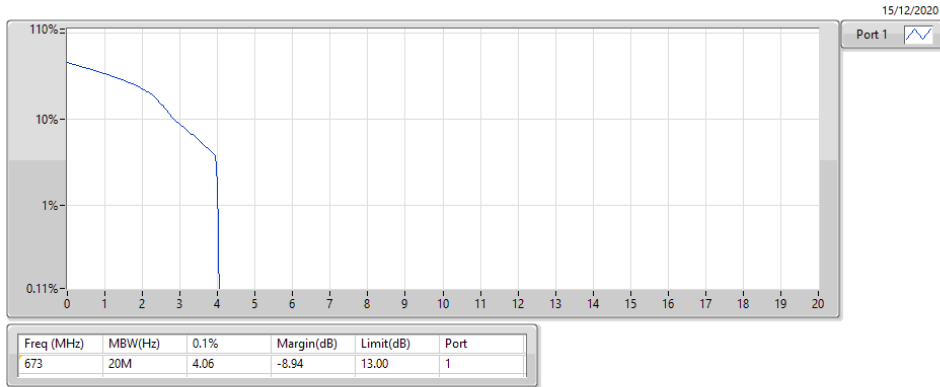


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

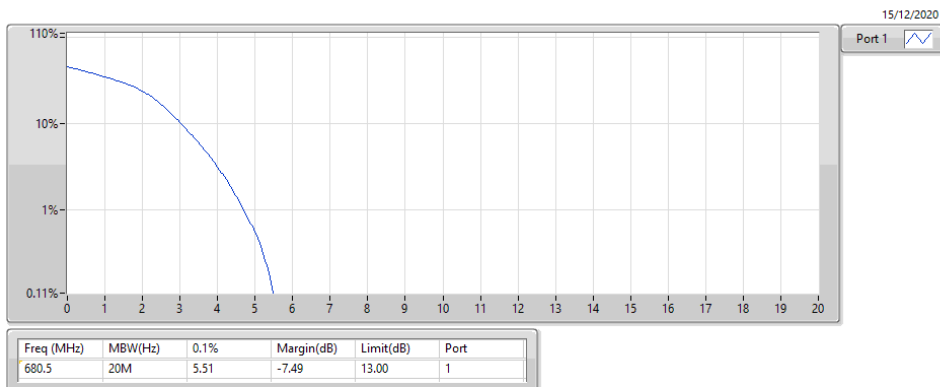
**673MHz\_16QAM\_RB 1,#RB H**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

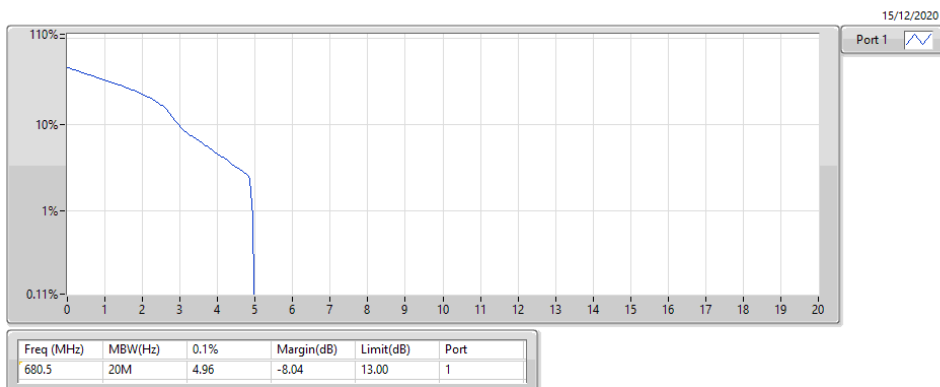
**680.5MHz\_16QAM\_RB 100,#RB 0**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**680.5MHz\_16QAM\_RB 1,#RB L**

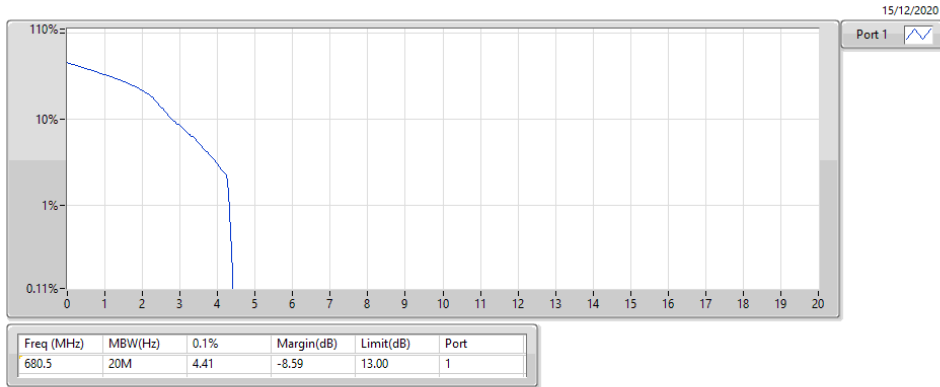


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

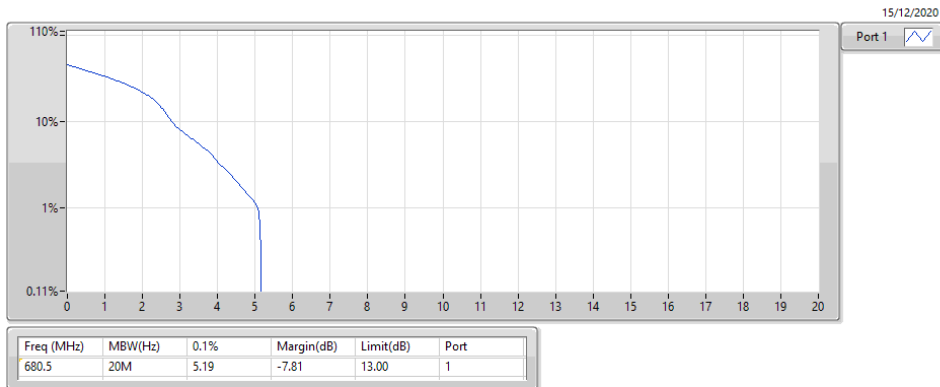
**680.5MHz\_16QAM\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

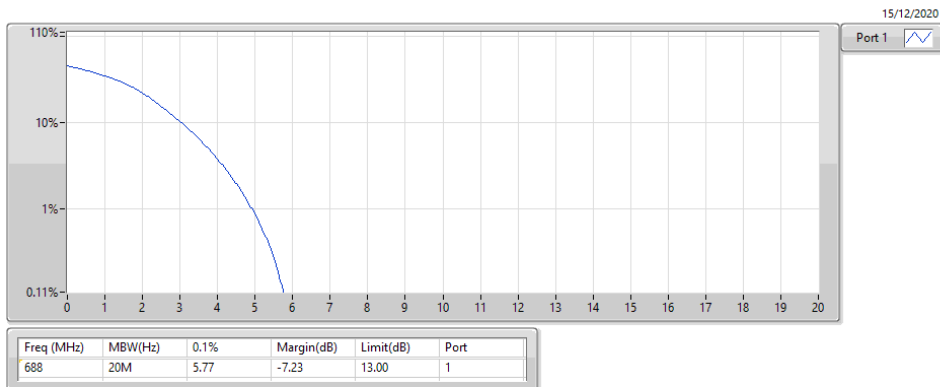
**680.5MHz\_16QAM\_RB 1,#RB H**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**688MHz\_16QAM\_RB 100,#RB 0**

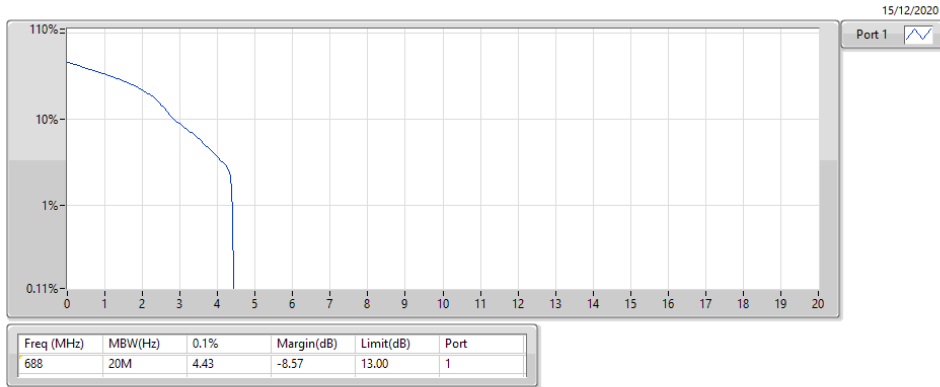


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

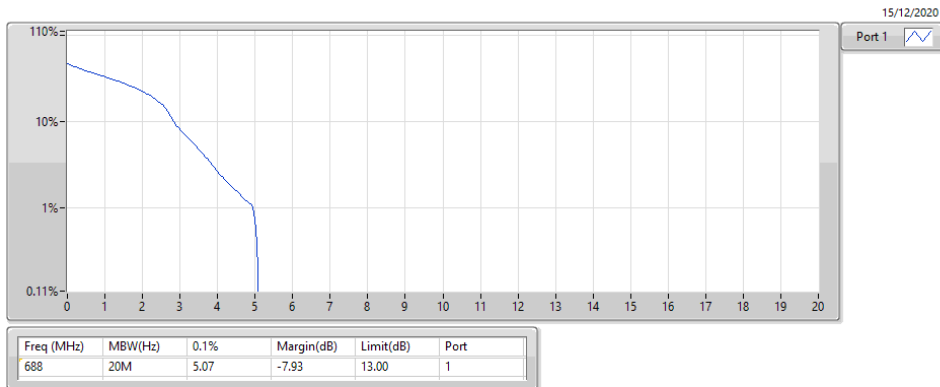
**688MHz\_16QAM\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

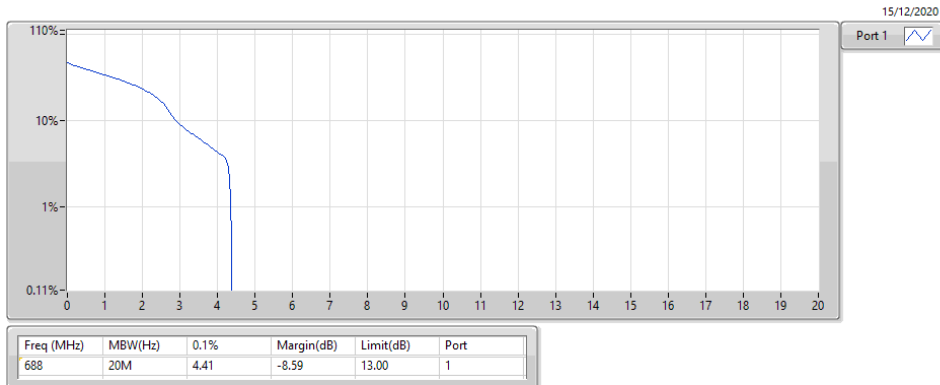
**688MHz\_16QAM\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,16QAM\_1TX**

**PAR**

**688MHz\_16QAM\_RB 1,#RB H**



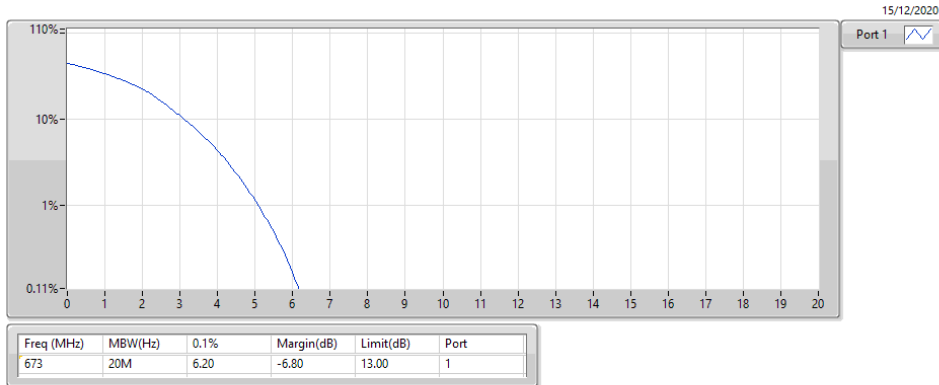


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

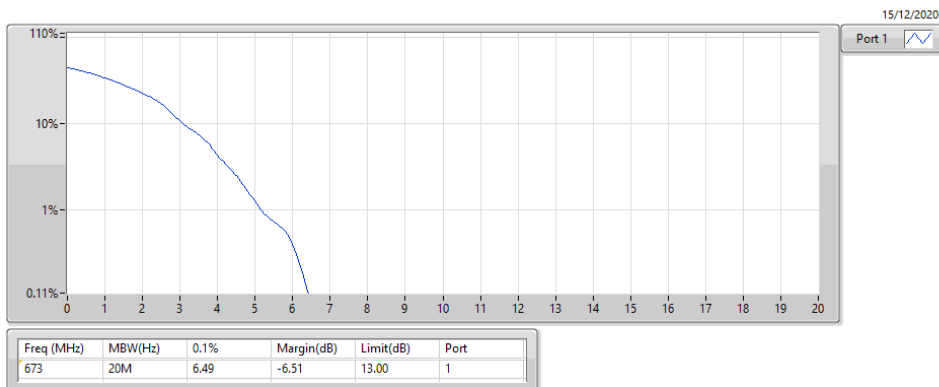
**673MHz\_64QAM\_RB 100,#RB 0**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

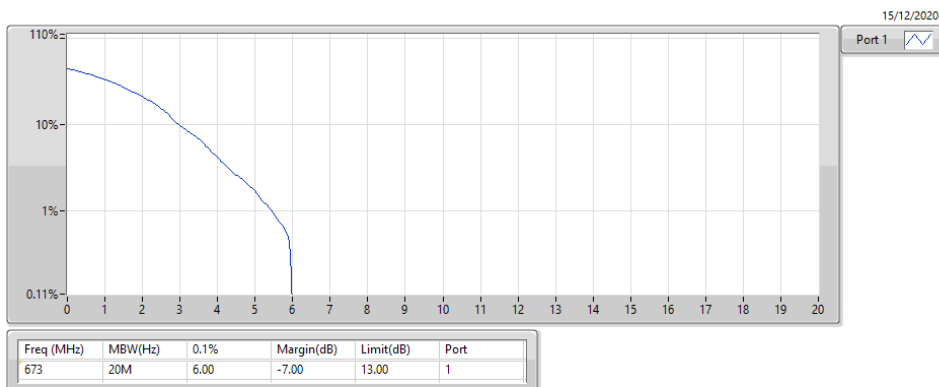
**673MHz\_64QAM\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**673MHz\_64QAM\_RB 1,#RB M**

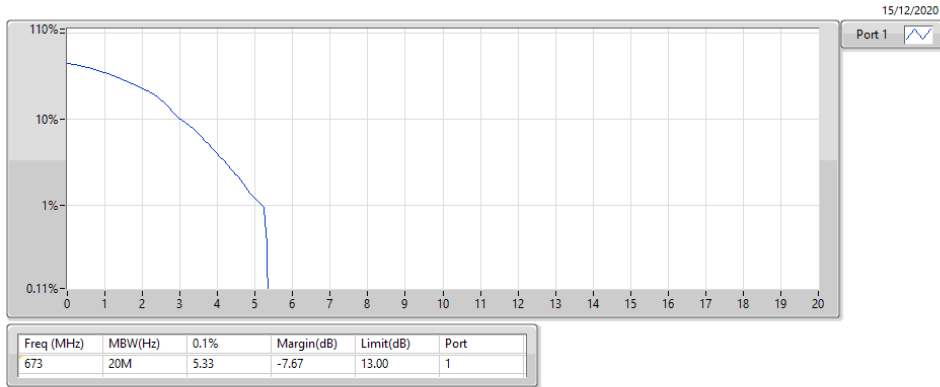


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

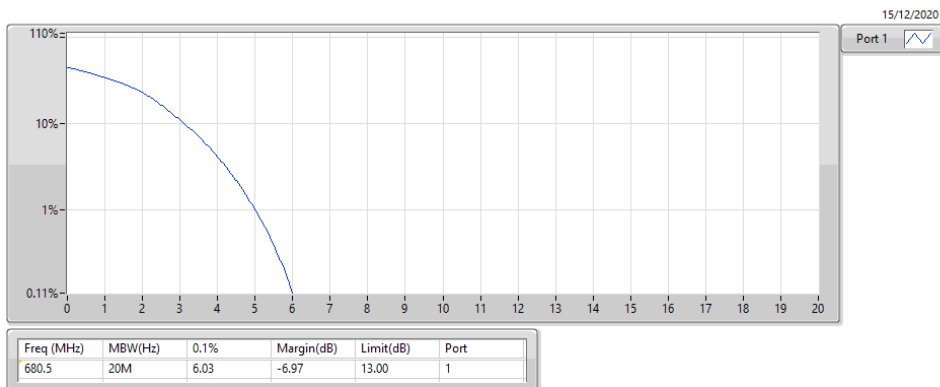
**673MHz\_64QAM\_RB 1,#RB H**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

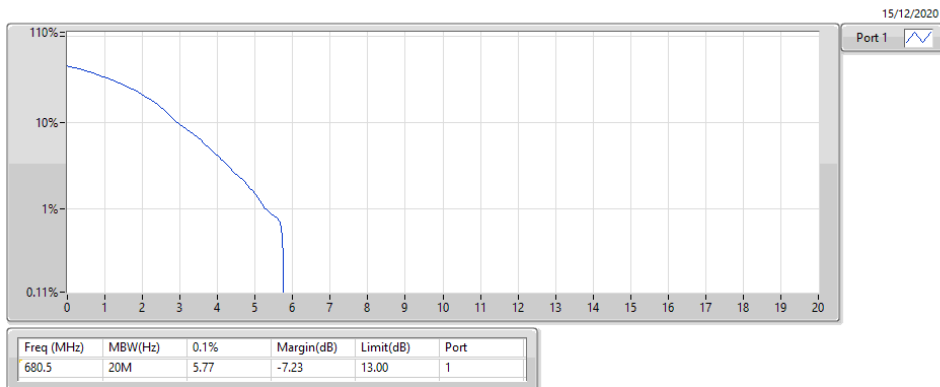
**680.5MHz\_64QAM\_RB 100,#RB 0**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**680.5MHz\_64QAM\_RB 1,#RB L**

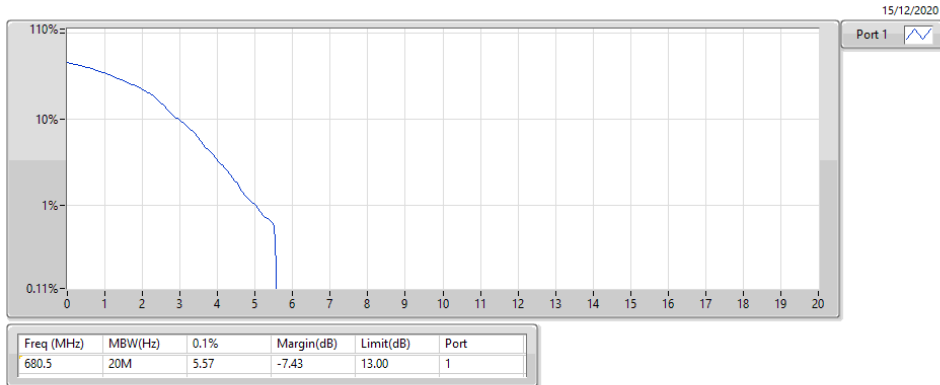


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

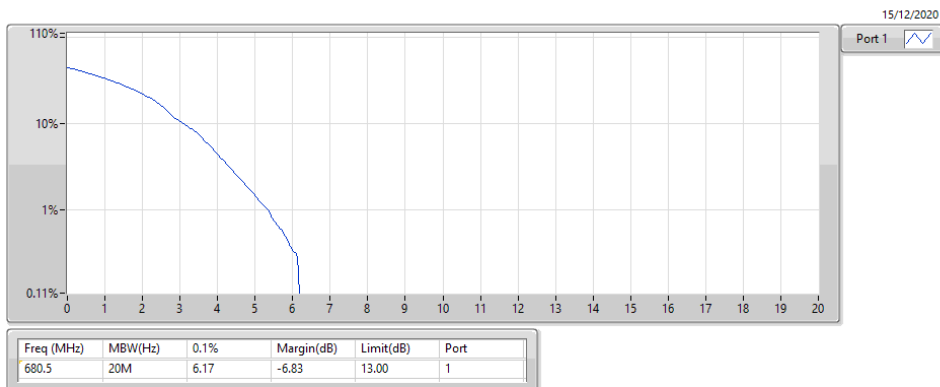
**680.5MHz\_64QAM\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

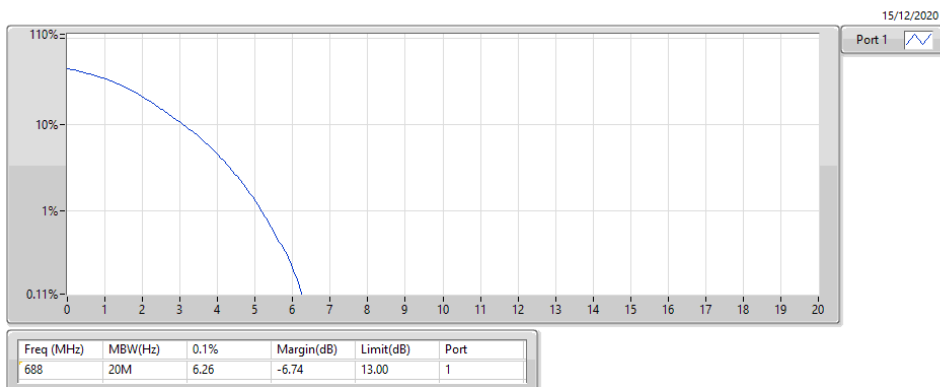
**680.5MHz\_64QAM\_RB 1,#RB H**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**688MHz\_64QAM\_RB 100,#RB 0**

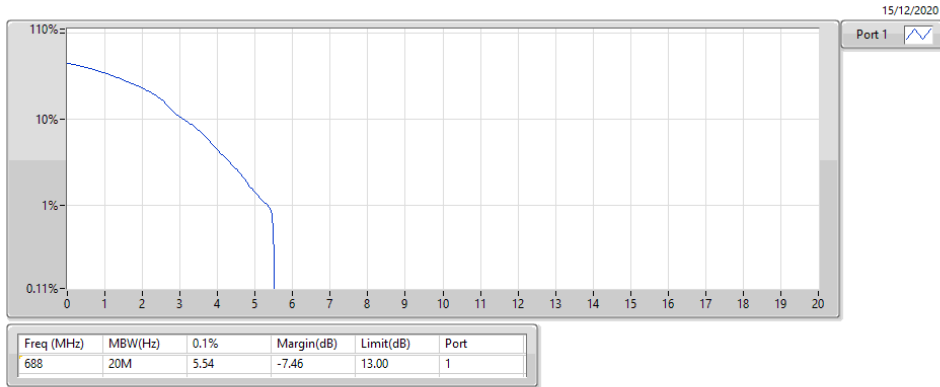


Test Mode: Mode 18 / EUT 2 + Set 3 antenna (LTE Band 71)

**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

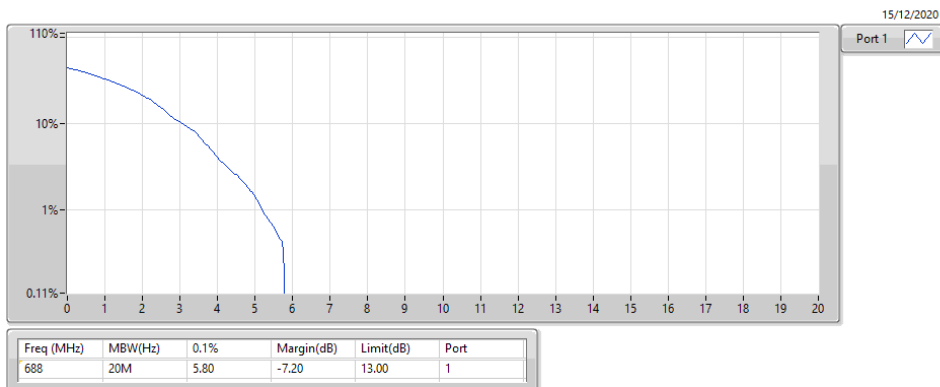
**688MHz\_64QAM\_RB 1,#RB L**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

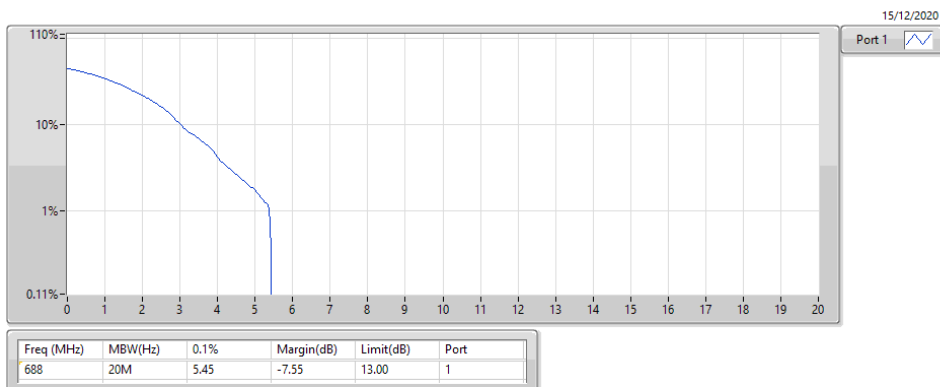
**688MHz\_64QAM\_RB 1,#RB M**



**Band 71\_LTE\_20MHz\_Nss1,64QAM\_1TX**

**PAR**

**688MHz\_64QAM\_RB 1,#RB H**



Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

**Summary**

| Mode                | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 2              | -               | -               | -        | -               | -               |
| WCDMA_5MHz_Nss1_1TX | 4.681M          | 4.148M          | 4M15F9W  | 4.656M          | 4.123M          |

**Max-N dB** = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;**Min-N dB** = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

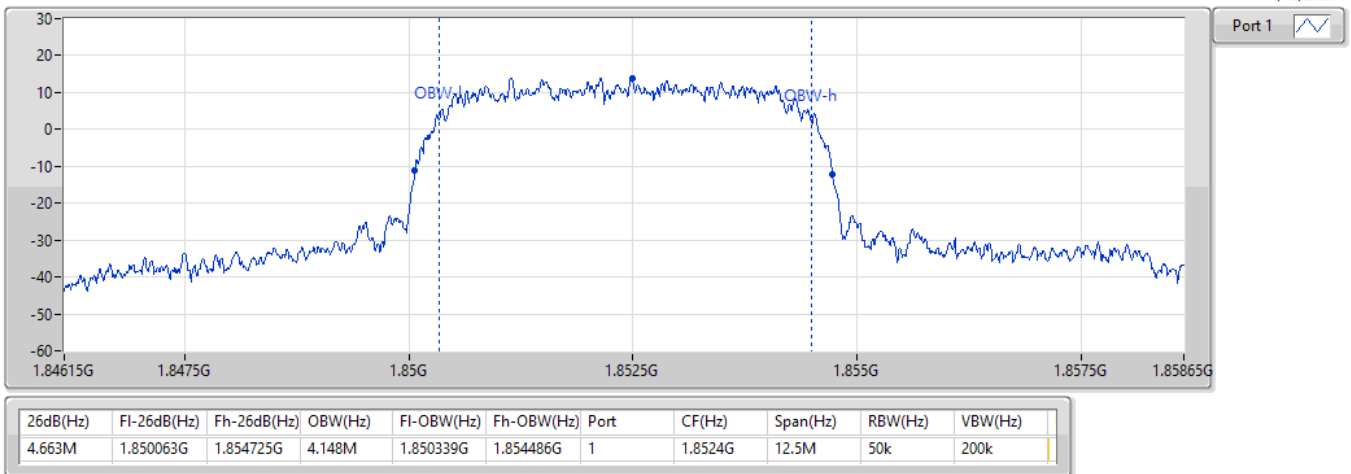
Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

**Result**

| Mode                       | Result | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) | Limit<br>(Hz) |
|----------------------------|--------|--------------------|--------------------|---------------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -                  | -                  | -             |
| 1852.4MHz                  | Pass   | 4.663M             | 4.148M             | Inf           |
| 1880MHz                    | Pass   | 4.681M             | 4.129M             | Inf           |
| 1907.6MHz                  | Pass   | 4.656M             | 4.123M             | Inf           |

**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

Test Mode: Mode 1 / EUT 2 + Set 3 antenna (WCDMA Band 2)

**Band 2\_WCDMA\_5MHz\_Nss1\_1TX**
**EBW**
**1852.4MHz**

**Band 2\_WCDMA\_5MHz\_Nss1\_1TX**
**EBW**
**1880MHz**
