



# FCC RADIO TEST REPORT

**FCC ID** : UDX-60089010

**Equipment** : LTE Gateway

**Brand Name** : CISCO

**Model Name** : MG21-HW-NA and MG21E-HW-NA

**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 Part2, 22(H), 24(E), 27

The product was received on Apr. 22, 2019, and testing was started from May 07, 2019 and completed on Jul. 02, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI/TIA-603-E (2016), ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

  
Approved by: Cliff Chang

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**  
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TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB Ver1.0

## Summary of Test Result

| Report Clause | Band                                   | Ref Std. Clause          | Test Items                  | Result (PASS/FAIL) | Remark |
|---------------|----------------------------------------|--------------------------|-----------------------------|--------------------|--------|
| 3.1           | <input checked="" type="checkbox"/> 5  | 2.1046                   | Conducted Output Power      | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 2.1046                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1046                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 12 | 2.1046                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | 2.1046                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 5  | 22.913(a)(2)             | Effective Radiated Power    | PASS               | -      |
|               | <input checked="" type="checkbox"/> 12 | 2.1046<br>27.50(c)(1)(9) |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | 2.1046<br>27.50(b)(4)(9) |                             |                    |        |
|               | <input checked="" type="checkbox"/> 2  | 24.232(a)                |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1046<br>27.50(d)(2)    |                             |                    |        |
| 3.2           | <input checked="" type="checkbox"/> 5  | 22.913(d)                | Peak-to-Average Ratio       | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 24.232(d)                |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 27.50(d)(5)              |                             |                    |        |
|               | <input checked="" type="checkbox"/> 12 | -                        |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | -                        |                             |                    |        |
| 3.3           | <input checked="" type="checkbox"/> 5  | 2.1049                   | Occupied Bandwidth          | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 2.1049                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1049                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 12 | 2.1049                   |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | 2.1049                   |                             |                    |        |
| 3.4           | <input checked="" type="checkbox"/> 5  | 2.1051<br>22.917(a)      | Conducted Band Edge         | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 2.1051<br>24.238(a)      |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1051<br>27.53(h)       |                             |                    |        |
|               | <input checked="" type="checkbox"/> 12 | 2.1051<br>27.53(g)       |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | 2.1051<br>27.53(c)       |                             |                    |        |
| 3.5           | <input checked="" type="checkbox"/> 5  | 2.1051<br>22.917(a)      | Conducted Spurious Emission | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 2.1051<br>24.238(a)      |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1051<br>27.53(h)       |                             |                    |        |
|               | <input checked="" type="checkbox"/> 12 | 2.1051<br>27.53(g)       |                             |                    |        |
|               | <input checked="" type="checkbox"/> 13 | 2.1051<br>27.53(c)       |                             |                    |        |
| 3.6           | <input checked="" type="checkbox"/> 5  | 2.1053<br>22.917(a)      | Radiated Spurious Emission  | PASS               | -      |
|               | <input checked="" type="checkbox"/> 2  | 2.1053<br>24.238(a)      |                             |                    |        |
|               | <input checked="" type="checkbox"/> 4  | 2.1053<br>27.53(h)       |                             |                    |        |



|     |                                        |                       |                                                  |      |   |
|-----|----------------------------------------|-----------------------|--------------------------------------------------|------|---|
|     | <input checked="" type="checkbox"/> 12 | 2.1053<br>27.53(g)    |                                                  |      |   |
|     | <input checked="" type="checkbox"/> 13 | 2.1053<br>27.53(c)(f) |                                                  |      |   |
| 3.7 | <input checked="" type="checkbox"/> 5  | 2.1055<br>22.355      | Frequency Stability for<br>Temperature & Voltage | PASS | - |
|     | <input checked="" type="checkbox"/> 2  | 2.1055<br>24.235      |                                                  |      |   |
|     | <input checked="" type="checkbox"/> 4  | 2.1055<br>27.54       |                                                  |      |   |
|     | <input checked="" type="checkbox"/> 12 | 2.1055<br>27.54       |                                                  |      |   |
|     | <input checked="" type="checkbox"/> 13 | 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: Sandy Chuang**



# 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 checked="" type="checkbox"/> Indoor<br><input type="checkbox"/> Outdoor |                 |                    |                    |
| Operating Frequency | Band                                                                                                                                                                          | Bandwidth (MHz) | TX Frequency (MHz) | RX Frequency (MHz) |
|                     | WCDMA Band 5                                                                                                                                                                  | 5               | 826.4 ~ 846.6      | 871.4 ~ 891.6      |
|                     | WCDMA Band 2                                                                                                                                                                  | 5               | 1852.4 ~ 1907.6    | 1932.4 ~ 1987.6    |
|                     | WCDMA Band 4                                                                                                                                                                  | 5               | 1712.4 ~ 1752.6    | 2112.4 ~ 2152.6    |
|                     | LTE Band 5                                                                                                                                                                    | 1.4             | 824.7 ~ 848.3      | 869.7 ~ 893.3      |
|                     |                                                                                                                                                                               | 3               | 825.5 ~ 847.5      | 870.5 ~ 892.5      |
|                     |                                                                                                                                                                               | 5               | 826.5 ~ 846.5      | 871.5 ~ 891.5      |
|                     |                                                                                                                                                                               | 10              | 829.0 ~ 844.0      | 874.0 ~ 889.0      |
|                     | LTE Band 2                                                                                                                                                                    | 1.4             | 1850.7 ~ 1909.3    | 1930.7 ~ 1989.3    |
|                     |                                                                                                                                                                               | 3               | 1851.5 ~ 1908.5    | 1931.5 ~ 1988.5    |
|                     |                                                                                                                                                                               | 5               | 1852.5 ~ 1907.5    | 1932.5 ~ 1987.5    |
|                     |                                                                                                                                                                               | 10              | 1855.0 ~ 1905.0    | 1935.0 ~ 1985.0    |
|                     |                                                                                                                                                                               | 15              | 1857.5 ~ 1902.5    | 1937.5 ~ 1982.5    |
|                     |                                                                                                                                                                               | 20              | 1860.0 ~ 1900.0    | 1940.0 ~ 1980.0    |
|                     | LTE Band 4                                                                                                                                                                    | 1.4             | 1710.7 ~ 1754.3    | 2110.7 ~ 2154.3    |
|                     |                                                                                                                                                                               | 3               | 1711.5 ~ 1753.5    | 2111.5 ~ 2153.5    |
|                     |                                                                                                                                                                               | 5               | 1712.5 ~ 1752.5    | 2112.5 ~ 2152.5    |
|                     |                                                                                                                                                                               | 10              | 1715.0 ~ 1750.0    | 2115.0 ~ 2150.0    |
|                     |                                                                                                                                                                               | 15              | 1717.5 ~ 1747.5    | 2117.5 ~ 2147.5    |
|                     |                                                                                                                                                                               | 20              | 1720.0 ~ 1745.0    | 2120.0 ~ 2145.0    |
|                     | LTE Band 12                                                                                                                                                                   | 1.4             | 699.7 ~ 715.3      | 729.7 ~ 745.3      |
|                     |                                                                                                                                                                               | 3               | 700.5 ~ 714.5      | 730.5 ~ 744.5      |
|                     |                                                                                                                                                                               | 5               | 701.5 ~ 713.5      | 731.5 ~ 743.5      |
|                     |                                                                                                                                                                               | 10              | 704.0 ~ 711.0      | 734.0 ~ 741.0      |
|                     | LTE Band 13                                                                                                                                                                   | 5               | 779.5 ~ 784.5      | 748.5 ~ 753.5      |
|                     |                                                                                                                                                                               | 10              | 782.0              | 751.0              |
| Type of Modulation  | WCDMA: BPSK / QPSK<br>HSDPA: BPSK / QPSK<br>HSUPA: BPSK / QPSK<br>LTE: QPSK / 16QAM                                                                                           |                 |                    |                    |

Note: The above information was declared by manufacturer.

### 1.1.2 Antenna Information

#### <For Internal Antenna>

| Set | Port | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|-----|------|-------|------------|--------------|-----------|------------|
| 1   | 1/2  | CISCO | N/A        | PIFA         | I-PEX     | Note 1     |

#### <For External Antenna>

| Set | Port | Brand | Model Name  | Antenna Type | Connector    | Gain (dBi) |
|-----|------|-------|-------------|--------------|--------------|------------|
| 2   | 1/2  | CISCO | MA-ANT-C1-B | Panel        | Reversed-SMA | Note 2     |
| 3   | 1/2  | CISCO | MA-ANT-C1-A | Dipole       | Reversed-SMA | Note 2     |

Note 1:

| Set | Port | Gain (dBi) |        |        |         |         |
|-----|------|------------|--------|--------|---------|---------|
|     |      | Band 2     | Band 4 | Band 5 | Band 12 | Band 13 |
| 1   | 1/2  | 2.40       | 2.31   | 2.92   | 1.46    | 2.77    |

Note 2:

| Set | Port | Band<br>Item | Gain (dBi) |        |        |         |         |
|-----|------|--------------|------------|--------|--------|---------|---------|
|     |      |              | Band 2     | Band 4 | Band 5 | Band 12 | Band 13 |
| 2   | 1/2  | Antenna Gain | 9.0        | 5.9    | 4.6    | 5       | 6.1     |
|     |      | Cable Loss   | 0.7        |        |        |         |         |
|     |      | True Gain    | 8.3        | 5.2    | 3.9    | 4.3     | 5.4     |
| 3   | 1/2  | Antenna Gain | 4.24       | 3.45   | 1.94   | 1.14    | 1.98    |
|     |      | Cable Loss   | 0.7        |        |        |         |         |
|     |      | True Gain    | 3.57       | 2.45   | 1.24   | 0.44    | 1.28    |

Note 1:

The above information was declared by manufacturer.

Note 2:

The External EUT has two set of antennas, one is Panel antenna, and the other is Dipole antenna, the Panel antenna's gain is higher than the Dipole antenna. So, Panel antenna was selected to test and recorded in the test report.

Note 3:

Both Port 1 and Port 2 could be used as receiving antennas.

Only Port 1 antenna can transmit RF signal.

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

| WCDMA |               |                 |                    |                    |                      |       |                |       |                 |       |                              |                     |                           |
|-------|---------------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|-------|------------------------------|---------------------|---------------------------|
| Band  | FCC Rule Part | 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     | Part 24       | 5               | 1852.4 ~ 1907.6    | QPSK               | 22.90                | 0.195 | -              | -     | 31.20           | 1.318 | 4.169                        | 4M17F9W             | 2.244                     |
| 4     | Part 27       | 5               | 1712.4 ~ 1752.6    | QPSK               | 24.05                | 0.254 | -              | -     | 29.25           | 0.841 | 4.163                        | 4M16F9W             | -4.6000                   |
| 5     | Part 22       | 5               | 826.4 ~ 846.6      | QPSK               | 23.28                | 0.213 | 25.03          | 0.318 | -               | -     | 4.144                        | 4M14F9W             | -2.465                    |



| LTE  |               |                 |                    |                    |                      |       |                |       |                 |         |                              |                     |                           |
|------|---------------|-----------------|--------------------|--------------------|----------------------|-------|----------------|-------|-----------------|---------|------------------------------|---------------------|---------------------------|
| Band | FCC Rule Part | 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    | Part 24       | 1.4             | 1850.7 ~ 1909.3    | QPSK               | 21.81                | 0.152 | -              | -     | 30.11           | 1.02565 | 1.082                        | 1M08G7D             | -2.470                    |
|      |               |                 |                    | 16QAM              | 21.00                | 0.126 | -              | -     | 29.30           | 0.85114 | 1.082                        | 1M08W7D             |                           |
|      |               | 3               | 1851.5 ~ 1908.5    | QPSK               | 21.47                | 0.140 | -              | -     | 29.77           | 0.94842 | 2.679                        | 2M68G7D             |                           |
|      |               |                 |                    | 16QAM              | 20.80                | 0.120 | -              | -     | 29.10           | 0.81283 | 2.680                        | 2M68W7D             |                           |
|      |               | 5               | 1852.5 ~ 1907.5    | QPSK               | 22.26                | 0.168 | -              | -     | 30.56           | 1.13763 | 4.468                        | 4M47G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.51                | 0.142 | -              | -     | 29.81           | 0.95719 | 4.462                        | 4M46W7D             |                           |
|      |               | 10              | 1855.0 ~ 1905.0    | QPSK               | 22.42                | 0.175 | -              | -     | 30.72           | 1.18032 | 8.924                        | 8M92G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.54                | 0.143 | -              | -     | 29.84           | 0.96383 | 8.906                        | 8M91W7D             |                           |
|      |               | 15              | 1857.5 ~ 1902.5    | QPSK               | 22.68                | 0.185 | -              | -     | 30.98           | 1.25314 | 13.423                       | 13M4G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.87                | 0.154 | -              | -     | 30.17           | 1.03992 | 13.416                       | 13M4W7D             |                           |
|      |               | 20              | 1860.0 ~ 1900.0    | QPSK               | 22.90                | 0.195 | -              | -     | 31.20           | 1.31826 | 17.863                       | 17M9G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.17                | 0.165 | -              | -     | 30.47           | 1.11429 | 17.861                       | 17M9W7D             |                           |
| 4    | Part 27       | 1.4             | 1710.7 ~ 1754.3    | QPSK               | 22.94                | 0.197 | -              | -     | 28.14           | 0.65163 | 1.080                        | 1M08G7D             | 1.690                     |
|      |               |                 |                    | 16QAM              | 22.16                | 0.164 | -              | -     | 27.36           | 0.54450 | 1.083                        | 1M08W7D             |                           |
|      |               | 3               | 1711.5 ~ 1753.5    | QPSK               | 22.96                | 0.198 | -              | -     | 28.16           | 0.65464 | 2.676                        | 2M68G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.17                | 0.165 | -              | -     | 27.37           | 0.54576 | 2.684                        | 2M68W7D             |                           |
|      |               | 5               | 1712.5 ~ 1752.5    | QPSK               | 23.19                | 0.208 | -              | -     | 28.39           | 0.69024 | 4.466                        | 4M47G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.33                | 0.171 | -              | -     | 27.53           | 0.56624 | 4.461                        | 4M46W7D             |                           |
|      |               | 10              | 1715.0 ~ 1750.0    | QPSK               | 23.45                | 0.221 | -              | -     | 28.65           | 0.73282 | 8.931                        | 8M93G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.54                | 0.179 | -              | -     | 27.74           | 0.59429 | 8.920                        | 8M92W7D             |                           |
|      |               | 15              | 1717.5 ~ 1747.5    | QPSK               | 22.99                | 0.199 | -              | -     | 28.19           | 0.65917 | 13.431                       | 13M4G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.18                | 0.165 | -              | -     | 27.38           | 0.54702 | 13.415                       | 13M4W7D             |                           |
|      |               | 20              | 1720.0 ~ 1745.0    | QPSK               | 22.71                | 0.187 | -              | -     | 27.91           | 0.61802 | 17.865                       | 17M9G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.98                | 0.158 | -              | -     | 27.18           | 0.52240 | 17.871                       | 17M9W7D             |                           |
| 5    | Part 22       | 1.4             | 824.7 ~ 848.3      | QPSK               | 22.33                | 0.171 | 24.08          | 0.256 | -               | -       | 1.081                        | 1M08G7D             | 0.007                     |
|      |               |                 |                    | 16QAM              | 21.62                | 0.145 | 23.37          | 0.217 | -               | -       | 1.081                        | 1M08W7D             |                           |
|      |               | 3               | 825.5 ~ 847.5      | QPSK               | 22.49                | 0.177 | 24.24          | 0.265 | -               | -       | 2.679                        | 2M68G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.72                | 0.149 | 23.47          | 0.222 | -               | -       | 2.677                        | 2M68W7D             |                           |
|      |               | 5               | 826.5 ~ 846.5      | QPSK               | 22.71                | 0.187 | 24.46          | 0.279 | -               | -       | 4.471                        | 4M47G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.00                | 0.158 | 23.75          | 0.237 | -               | -       | 4.465                        | 4M47W7D             |                           |
|      |               | 10              | 829.0 ~ 844.0      | QPSK               | 22.87                | 0.194 | 24.62          | 0.290 | -               | -       | 8.929                        | 8M93G7D             |                           |
|      |               |                 |                    | 16QAM              | 22.16                | 0.164 | 23.91          | 0.246 | -               | -       | 8.917                        | 8M92W7D             |                           |
| 12   | Part 27       | 1.4             | 699.7 ~ 715.3      | QPSK               | 22.23                | 0.167 | 24.38          | 0.274 | -               | -       | 1.083                        | 1M08G7D             | 0.011                     |
|      |               |                 |                    | 16QAM              | 21.31                | 0.135 | 23.46          | 0.222 | -               | -       | 1.083                        | 1M08W7D             |                           |
|      |               | 3               | 700.5 ~ 714.5      | QPSK               | 22.08                | 0.161 | 24.23          | 0.265 | -               | -       | 2.684                        | 2M68G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.54                | 0.143 | 23.69          | 0.234 | -               | -       | 2.681                        | 2M68W7D             |                           |
|      |               | 5               | 701.5 ~ 713.5      | QPSK               | 22.45                | 0.176 | 24.6           | 0.288 | -               | -       | 4.474                        | 4M47G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.97                | 0.157 | 24.12          | 0.258 | -               | -       | 4.464                        | 4M46W7D             |                           |
|      |               | 10              | 704.0 ~ 711.0      | QPSK               | 22.51                | 0.178 | 24.66          | 0.292 | -               | -       | 8.932                        | 8M93G7D             |                           |
|      |               |                 |                    | 16QAM              | 21.90                | 0.155 | 24.05          | 0.254 | -               | -       | 8.915                        | 8M92W7D             |                           |
| 13   | Part 27       | 5               | 779.5 ~ 784.5      | QPSK               | 20.79                | 0.120 | 24.04          | 0.254 | -               | -       | 4.467                        | 4M47G7D             | 0.008                     |
|      |               |                 |                    | 16QAM              | 19.89                | 0.097 | 23.14          | 0.206 | -               | -       | 4.461                        | 4M46W7D             |                           |
|      |               | 10              | 782.0              | QPSK               | 20.75                | 0.119 | 24             | 0.251 | -               | -       | 8.902                        | 8M90G7D             |                           |
|      |               |                 |                    | 16QAM              | 19.90                | 0.098 | 23.15          | 0.207 | -               | -       | 8.894                        | 8M89W7D             |                           |



#### **1.1.4 Table for Multiple Listing**

The model names in the following table are all refer to the identical product.

| <b>EUT</b> | <b>Model No.</b> | <b>Antenna</b>   |
|------------|------------------|------------------|
| EUT 1      | MG21-HW-WW       | Internal antenna |
| EUT 2      | MG21E-HW-WW      | External antenna |

From the above models, EUT 2 was selected as representative model for the test and their data was recorded in this report.



## 1.2 Applicable Standards

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

- 47 CFR Part2, 22(H), 24(E), 27
- ANSI/TIA-603-E (2016)
- ANSI C63.26-2015
- FCC KDB 412172 D01 v01r01
- FCC KDB 971168 D01 v03r01

**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                    |        |                                                                                  |                      |                      |
|-------------------------------------|--------|----------------------------------------------------------------------------------|----------------------|----------------------|
| <input type="checkbox"/>            | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)        | TEL : 886-3-327-3456 | FAX : 886-3-327-0973 |
| <input checked="" type="checkbox"/> | JHUBEI | ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. | TEL : 886-3-656-9065 | FAX : 886-3-656-9085 |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date                      |
|----------------|---------------|---------------|------------------|--------------------------------|
| RF Conducted   | TH01-CB       | Ekko Hsieh    | 21~24°C / 57~59% | May 07, 2019~<br>Jul. 02, 2019 |
| Radiated       | 03CH06-CB     | Jay Luo       | 22~24°C / 50~60% | May 21, 2019~<br>May 22, 2019  |

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086B with Industry Canada.

## 1.4 Measurement Uncertainty

| Test Items                           | Uncertainty | Remark                   |
|--------------------------------------|-------------|--------------------------|
| Radiated Emission (30MHz ~ 1,000MHz) | 3.4 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 3.9 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 4.7 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.3 dB      | Confidence levels of 95% |



## **2 Test Configuration of Equipment Under Test**

### **2.1 The Worst Case Measurement Configuration**

| <b>The Worst Case Mode for Following Conformance Tests</b> |                                                                                                                                                    |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                          | Conducted Output Power<br>Peak-to-Average Ratio<br>Occupied Bandwidth<br>Conducted Band Edge<br>Conducted Spurious Emission<br>Frequency Stability |
| <b>Test Condition</b>                                      | Conducted measurement at transmit chains                                                                                                           |
| 1                                                          | EUT 2 with WCDMA Band 2 Link                                                                                                                       |
| 2                                                          | EUT 2 with WCDMA Band 4 Link                                                                                                                       |
| 3                                                          | EUT 2 with WCDMA Band 5 Link                                                                                                                       |
| 4                                                          | EUT 2 with LTE Band 2 Link                                                                                                                         |
| 5                                                          | EUT 2 with LTE Band 4 Link                                                                                                                         |
| 6                                                          | EUT 2 with LTE Band 5 Link                                                                                                                         |
| 7                                                          | EUT 2 with LTE Band 12 Link                                                                                                                        |
| 8                                                          | EUT 2 with LTE Band 13 Link                                                                                                                        |



| <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>                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| The EUT supports WCDMA Band 2/4/5 and LTE Band 2/4/5/12/13. After evaluating, the worst case was found as LTE Band 2, thus the measurement will follow this same test configuration.<br>The EUT was performed at Y-axis and Z-axis position.<br>EUT Z axis has been evaluated to be the worst case at Radiated Spurious Emission <Above 1GHz>; thus, the measurement will follow this same test configuration. |                                          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis + LTE Band 2 + Adapter 1 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis + LTE Band 2 + Adapter 2 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis + LTE Band 2 + PoE       |
| Mode 1 generated the worst test result, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.                                                                                                                                                                                                                                      |                                          |
| <b>Operating Mode &gt; 1GHz</b>                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| External (EUT 2) was performed at Y axis and Z axis position. The worst case was found at Z axis, thus the measurement will follow this same test configuration.                                                                                                                                                                                                                                               |                                          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with WCDMA Band 2 Link   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with WCDMA Band 4 Link   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with WCDMA Band 5 Link   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with LTE Band 2 Link     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with LTE Band 4 Link     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with LTE Band 5 Link     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with LTE Band 12 Link    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                              | EUT 2 in Z axis with LTE Band 13 Link    |

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

| <b>Support Unit</b> | <b>Brand</b> | <b>Model Number</b> |
|---------------------|--------------|---------------------|
| PoE                 | CISCO        | MA-INJ4             |



## 2.2 Accessories

| Accessories         |            |                  |                                                            |
|---------------------|------------|------------------|------------------------------------------------------------|
| Equipment Name      | Brand Name | Model Name       | Rating                                                     |
| Adapter 1           | CISCO      | KSAS0361200250HU | Input: 100-240V~50/60Hz, 1.0A<br>Output: 12V, 2.5A         |
| Adapter 2           | CISCO      | MA-PWR-30W-US    | Input: 100-240V~50-60Hz, 0.8A MAX<br>Output: 12V, 2.5A 30W |
| Other               |            |                  |                                                            |
| Wall-mounted rack*1 |            |                  |                                                            |

## 2.3 Support Equipment

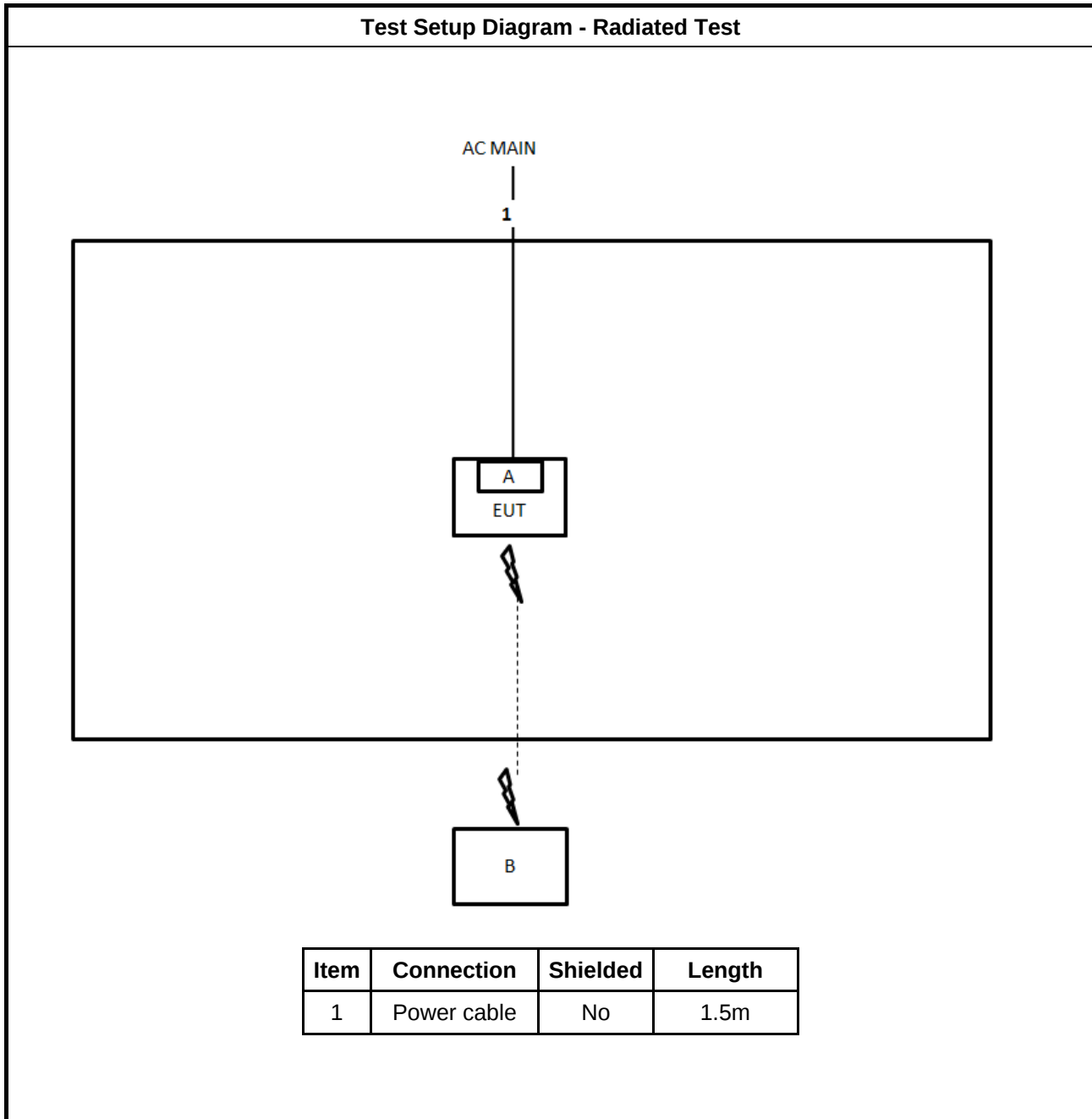
### RF Conducted:

| Support Equipment |                  |            |            |        |
|-------------------|------------------|------------|------------|--------|
| No.               | Equipment        | Brand Name | Model Name | FCC ID |
| A                 | Notebook         | DELL       | E4300      | N/A    |
| B                 | LTE base station | Anritsu    | MT8820C    | N/A    |
| C                 | SIM Card         | Anritsu    | N/A        | N/A    |
| D                 | PoE              | CISCO      | MA-INJ4    | N/A    |

### Radiated:

| Support Equipment |                  |            |            |        |
|-------------------|------------------|------------|------------|--------|
| No.               | Equipment        | Brand Name | Model Name | FCC ID |
| A                 | SIM Card         | Anritsu    | N/A        | N/A    |
| B                 | 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:

$$\begin{aligned}\text{Offset (dB)} &= \text{RF cable loss (dB)} + \text{attenuator factor (dB)} \\ &= 1 + 20 = 21 \text{ (dB)}\end{aligned}$$



### 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

| Conducted Output Power Limit                                                                                                                                                                                                                                                                                                                                                 |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Band 5                                                                                                                                                                                                                                                                                                                                   | N/A                                                                  |
| <input checked="" type="checkbox"/> Band 2                                                                                                                                                                                                                                                                                                                                   | N/A                                                                  |
| <input checked="" type="checkbox"/> Band 4                                                                                                                                                                                                                                                                                                                                   | N/A                                                                  |
| <input checked="" type="checkbox"/> Band 12                                                                                                                                                                                                                                                                                                                                  | N/A                                                                  |
| <input checked="" type="checkbox"/> Band 13                                                                                                                                                                                                                                                                                                                                  | N/A                                                                  |
| Effective Radiated Power (ERP) Limit                                                                                                                                                                                                                                                                                                                                         |                                                                      |
| <input checked="" type="checkbox"/> Band 5                                                                                                                                                                                                                                                                                                                                   | Base Station: 500 Watts or 400Watts (PSD)<br>Mobile Station: 7 Watts |
| <input checked="" type="checkbox"/> Band 12                                                                                                                                                                                                                                                                                                                                  | Base Station: 1000 Watts<br>Mobile Station: 30 Watts                 |
| <input checked="" type="checkbox"/> Band 13                                                                                                                                                                                                                                                                                                                                  |                                                                      |
| Equivalent Isotropic Radiated Power (EIRP) Limit                                                                                                                                                                                                                                                                                                                             |                                                                      |
| <input checked="" type="checkbox"/> Band 2                                                                                                                                                                                                                                                                                                                                   | Base Station: 1640 Watts<br>Mobile Station: 2 Watts                  |
| <input checked="" type="checkbox"/> Band 4                                                                                                                                                                                                                                                                                                                                   | Base Station: 1640 Watts<br>Mobile Station: 1 Watts                  |
| 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.                                                                                                                      |                                                                      |
| Note 2: According to FCC KDB 412172 D01 v01r01 Power Approach,<br>EIRP = P <sub>T</sub> + G <sub>T</sub> – L <sub>C</sub> , ERP = EIRP -2.15, where<br>P <sub>T</sub> = transmitter output power in dBm<br>G <sub>T</sub> = gain of the transmitting antenna in dBi<br>L <sub>C</sub> = signal attenuation in the connecting cable between the transmitter and antenna in dB |                                                                      |

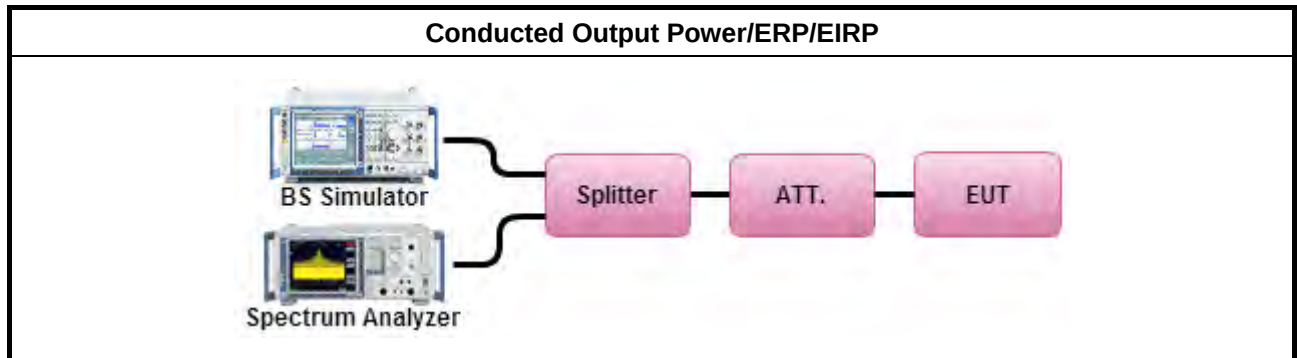
##### 3.1.2 Measuring Instruments

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.

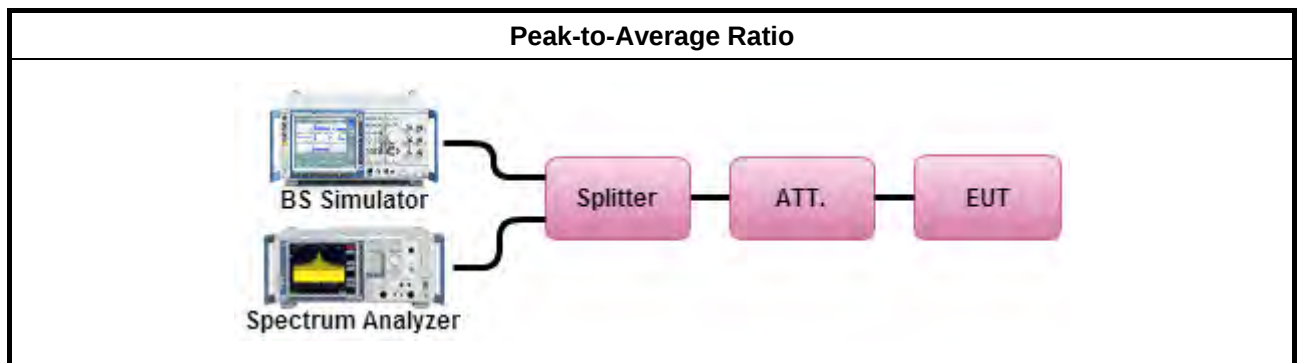
### 3.2.2 Measuring Instruments

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.

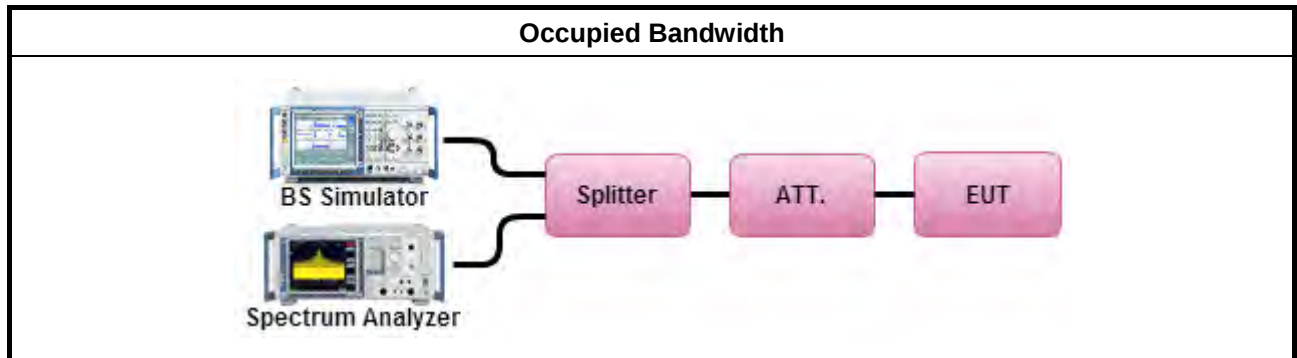
#### **3.3.2 Measuring Instruments**

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                         |                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Band 5  | 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. |
| <input checked="" type="checkbox"/> Band 2  | 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.              |
| <input checked="" type="checkbox"/> Band 4  | 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.  |
| <input checked="" type="checkbox"/> Band 12 | 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.                                                                       |
| <input checked="" type="checkbox"/> 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.                                                                                      |

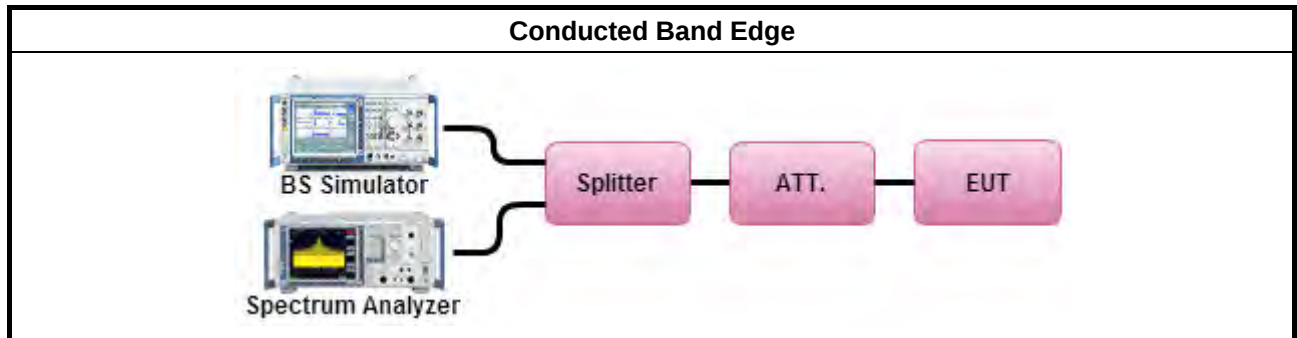
#### 3.4.2 Measuring Instruments

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 >= 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                         |                                                                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Band 5  | 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. |
| <input checked="" type="checkbox"/> Band 2  | 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. |
| <input checked="" type="checkbox"/> Band 4  | 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. |
| <input checked="" type="checkbox"/> Band 12 | 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. |
| <input checked="" type="checkbox"/> 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. |

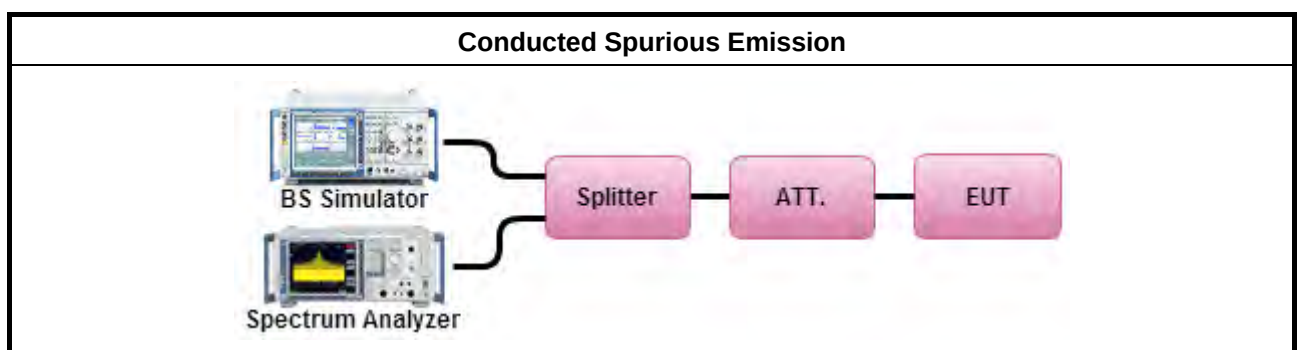
#### 3.5.2 Measuring Instruments

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                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. 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. |                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> Band 12                                                                                                                                                                                                                                        | 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. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic. |
| <input checked="" type="checkbox"/> Band 13                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                   |

#### 3.6.2 Measuring Instruments

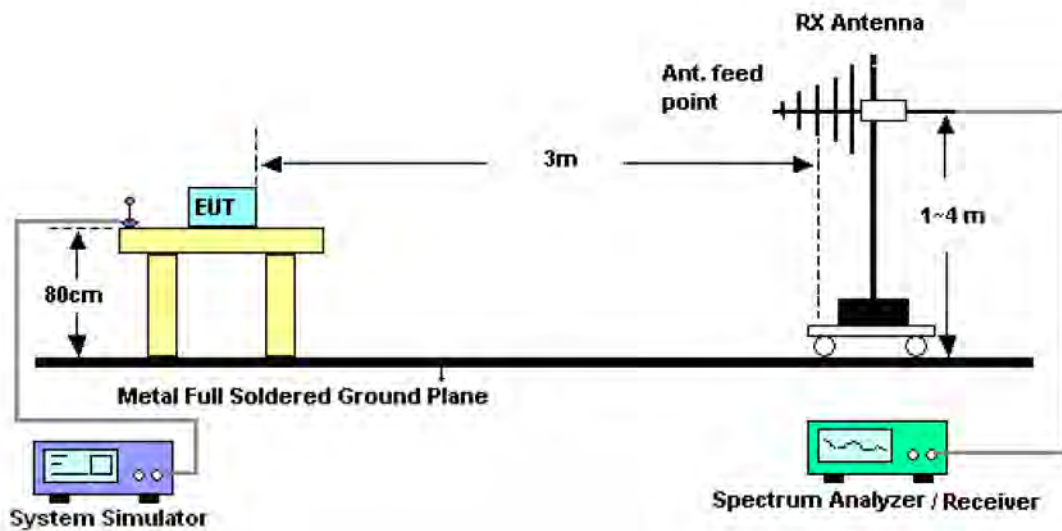
The measuring equipment is listed in the section 4 of this test report.

#### 3.6.3 Test Procedures

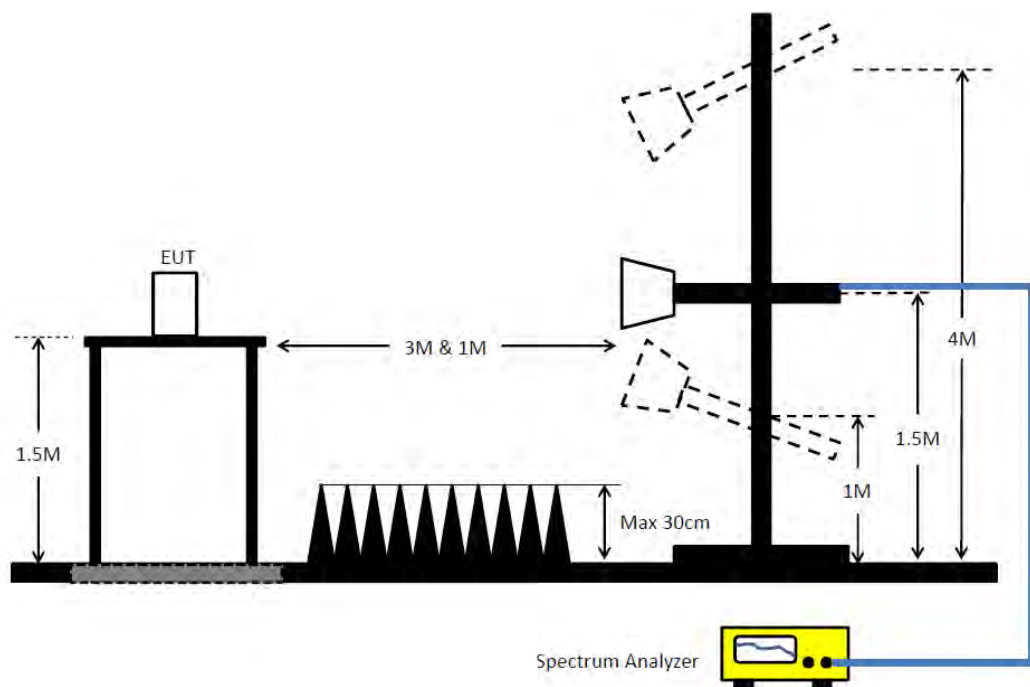
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position 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 Test Result of Radiated Spurious Emission (Below 1GHz)**

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

**3.6.6 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

| Frequency Stability                                                                                                                                                                                              |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Band 5                                                                                                                                                                       | Base Station: $\pm 1.5\text{ppm}$<br>Mobile Station: $\pm 2.5\text{ppm}$ |
| <input checked="" type="checkbox"/> Band 2                                                                                                                                                                       | Within Authorized Band                                                   |
| <input checked="" type="checkbox"/> Band 4                                                                                                                                                                       | Within Authorized Band                                                   |
| <input checked="" type="checkbox"/> Band 12                                                                                                                                                                      | Within Authorized Band                                                   |
| <input checked="" type="checkbox"/> Band 13                                                                                                                                                                      | Within Authorized Band                                                   |
| Note: 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. |                                                                          |

#### 3.7.2 Measuring Instruments

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

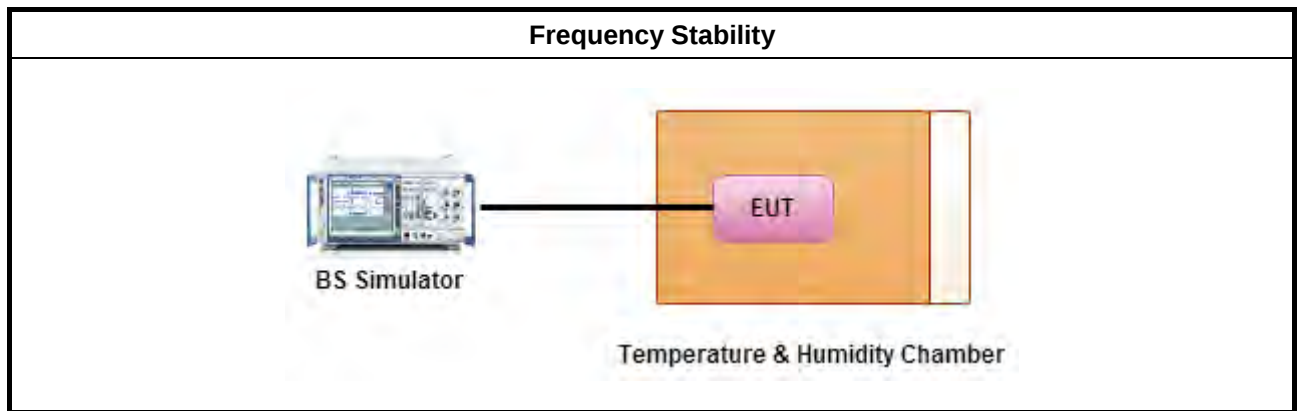
#### 3.7.3 Test Procedures for Temperature Variation

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  $25\pm 5^{\circ}\text{C}$  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                 | Manufacturer | Model No.        | Serial No.       | Characteristics     | Calibration Date | Calibration Due Date | Remark                |
|----------------------------|--------------|------------------|------------------|---------------------|------------------|----------------------|-----------------------|
| Bilog Antenna              | TESEQ        | CBL6112D         | 37878            | 20MHz ~ 2GHz        | Aug. 04, 2018    | Aug. 03, 2019        | Radiation (03CH06-CB) |
| Horn Antenna               | EMCO         | 3115             | 00075790         | 750MHz ~ 18GHz      | Nov. 13, 2018    | Nov. 12, 2019        | Radiation (03CH06-CB) |
| Horn Antenna               | SCHWARZBECK  | BBHA9120D        | 9120D-1292       | 1GHz~18GHz          | Jul. 20, 2018    | Jul. 19, 2019        | Radiation (03CH06-CB) |
| Horn Antenna               | SCHWARZBECK  | BBHA 9170        | BBHA9170507      | 15GHz ~ 40GHz       | Jun. 07, 2018    | Jun. 06, 2019        | Radiation (03CH06-CB) |
| Pre-Amplifier              | Agilent      | 310N             | 187290           | 0.1MHz ~ 1GHz       | May 07, 2019     | May 06, 2020         | Radiation (03CH06-CB) |
| Pre-Amplifier              | Agilent      | 83017A           | MY53270064       | 0.5GHz ~ 26.5GHz    | May 08, 2019     | May 07, 2020         | Radiation (03CH06-CB) |
| Pre-Amplifier              | MITEQ        | TTA1840-35-HG    | 1864479          | 18GHz ~ 40GHz       | Jul. 04, 2018    | Jul. 03, 2019        | Radiation (03CH06-CB) |
| Spectrum analyzer          | R&S          | FSP40            | 100080           | 9kHz~40GHz          | Oct. 03, 2018    | Oct. 02, 2019        | Radiation (03CH06-CB) |
| EMI Test Receiver          | R&S          | ESCS             | 100359           | 9kHz ~ 2.75GHz      | Jul. 03, 2018    | Jul. 02, 2019        | Radiation (03CH06-CB) |
| RF Cable                   | HUBER+SUHNER | RG402            | Low Cable-05+24  | 30MHz~1GHz          | Oct. 08, 2018    | Oct. 07, 2019        | Radiation (03CH06-CB) |
| RF Cable                   | HUBER+SUHNER | RG402            | High Cable-05    | 1GHz~18GHz          | Oct. 08, 2018    | Oct. 07, 2019        | Radiation (03CH06-CB) |
| RF Cable                   | HUBER+SUHNER | RG402            | High Cable-05+24 | 1GHz~18GHz          | Oct. 08, 2018    | Oct. 07, 2019        | Radiation (03CH06-CB) |
| RF Cable-high              | Woken        | High Cable-40G#1 | N/A              | 18GHz ~ 40 GHz      | Jul. 27, 2018    | Jul. 26, 2019        | Radiation (03CH06-CB) |
| RF Cable-high              | Woken        | High Cable-40G#2 | N/A              | 18GHz ~ 40 GHz      | Jul. 27, 2018    | Jul. 26, 2019        | Radiation (03CH06-CB) |
| Spectrum analyzer          | Keysight     | N9020A           | MY55400138       | 10 Hz up to 26.5GHz | Dec. 18, 2018    | Dec. 17, 2019        | Conducted (TH01-CB)   |
| Temp. and Humidity Chamber | Ten Billion  | TTH-D3SP         | TBN-931011       | -30~100 degree      | Jun. 01, 2018    | May 31, 2019         | Conducted (TH01-CB)   |
| Temp. and Humidity Chamber | Ten Billion  | TTH-D3SP         | TBN-931011       | -30~100 degree      | May 30, 2019     | May 29, 2020         | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-06    | 1 GHz ~ 26.5 GHz    | Oct. 08, 2018    | Oct. 07, 2019        | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-07    | 1 GHz ~26.5 GHz     | Oct. 08, 2018    | Oct. 07, 2019        | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-08    | 1 GHz ~26.5 GHz     | Oct. 08, 2018    | Oct. 07, 2019        | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-09    | 1 GHz ~26.5 GHz     | Oct. 08, 2018    | Oct. 07, 2019        | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-10    | 1 GHz ~26.5 GHz     | Oct. 08, 2018    | Oct. 07, 2019        | Conducted (TH01-CB)   |



| Instrument                 | Manufacturer | Model No. | Serial No.    | Characteristics | Calibration Date | Calibration Due Date | Remark              |
|----------------------------|--------------|-----------|---------------|-----------------|------------------|----------------------|---------------------|
| RF Cable-high              | Woken        | RG402     | High Cable-28 | 1 GHz ~26.5 GHz | Nov. 19, 2018    | Nov. 18, 2019        | Conducted (TH01-CB) |
| Power Sensor               | Agilent      | E9327A    | US40442088    | 50MHz~18GHz     | Jan. 15, 2019    | Jan. 14, 2020        | Conducted (TH01-CB) |
| Power Meter                | Agilent      | E4416A    | GB41291199    | 50MHz~18GHz     | Jan. 15, 2019    | Jan. 14, 2020        | Conducted (TH01-CB) |
| MW Analog Signal Generator | Keysight     | N5183A    | MY50142965    | 100kHz~20GHz    | Nov. 19, 2018    | Nov. 18, 2019        | Conducted (TH01-CB) |
| Vector Signal Generator    | Keysight     | N5182B    | MY53052408    | 9kHz~6GHz       | Jan. 04, 2019    | Jan. 03, 2020        | Conducted (TH01-CB) |

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



## Average Power Results

## Appendix A.1

<Mode 1> EUT 2 + WCDMA Band 2 Link

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------|----------------|--------------|---------------|-------------|
| Band 2              | -              | -            | -             | -           |
| WCDMA_5MHz_Nss1_1TX | 22.90          | 0.195        | 31.20         | 1.318       |



## Average Power Results

## Appendix A.1

### 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   | 8.30        | 22.14           | 22.14          | 0.164        | 30.44         | 1.107       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.90           | 22.90          | 0.195        | 31.20         | 1.318       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.73           | 22.73          | 0.187        | 31.03         | 1.268       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.12           | 22.12          | 0.163        | 30.42         | 1.102       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.83           | 22.83          | 0.192        | 31.13         | 1.297       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.68           | 22.68          | 0.185        | 30.98         | 1.253       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.14           | 22.14          | 0.164        | 30.44         | 1.107       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.81           | 22.81          | 0.191        | 31.11         | 1.291       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.65           | 22.65          | 0.184        | 30.95         | 1.245       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.09           | 22.09          | 0.162        | 30.39         | 1.094       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.86           | 22.86          | 0.193        | 31.16         | 1.306       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.72           | 22.72          | 0.187        | 31.02         | 1.265       | 2                |
| Band 2_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.11           | 22.11          | 0.163        | 30.41         | 1.099       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.81           | 22.81          | 0.191        | 31.11         | 1.291       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.65           | 22.65          | 0.184        | 30.95         | 1.245       | 2                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.08           | 22.08          | 0.161        | 30.38         | 1.091       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.80           | 22.80          | 0.191        | 31.10         | 1.288       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.62           | 22.62          | 0.183        | 30.92         | 1.236       | 2                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.04           | 22.04          | 0.160        | 30.34         | 1.081       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.81           | 22.81          | 0.191        | 31.11         | 1.291       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.69           | 22.69          | 0.186        | 30.99         | 1.256       | 2                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.01           | 22.01          | 0.159        | 30.31         | 1.074       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.89           | 22.89          | 0.195        | 31.19         | 1.315       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.67           | 22.67          | 0.185        | 30.97         | 1.250       | 2                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.13           | 22.13          | 0.163        | 30.43         | 1.104       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.83           | 22.83          | 0.192        | 31.13         | 1.297       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.73           | 22.73          | 0.187        | 31.03         | 1.268       | 2                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1852.4MHz                            | Pass   | 8.30        | 22.08           | 22.08          | 0.161        | 30.38         | 1.091       | 2                |
| 1880MHz                              | Pass   | 8.30        | 22.85           | 22.85          | 0.193        | 31.15         | 1.303       | 2                |
| 1907.6MHz                            | Pass   | 8.30        | 22.68           | 22.68          | 0.185        | 30.98         | 1.253       | 2                |

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



## Average Power Results

## Appendix A.2

<Mode 2> EUT 2 + WCDMA Band 4 Link

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------|----------------|--------------|---------------|-------------|
| Band 4              | -              | -            | -             | -           |
| WCDMA_5MHz_Nss1_1TX | 24.05          | 0.254        | 29.25         | 0.841       |



## Average Power Results

## Appendix A.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 4_WCDMA_5MHz_Nss1_1TX           | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.05           | 24.05          | 0.254        | 29.25         | 0.841       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.55           | 23.55          | 0.226        | 28.75         | 0.750       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.74           | 22.74          | 0.188        | 27.94         | 0.622       | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.05           | 24.02          | 0.252        | 29.22         | 0.836       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.45           | 23.49          | 0.223        | 28.69         | 0.740       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.66           | 22.63          | 0.183        | 27.83         | 0.607       | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.02           | 23.95          | 0.248        | 29.15         | 0.822       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.54           | 23.55          | 0.226        | 28.75         | 0.750       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.72           | 22.67          | 0.185        | 27.87         | 0.612       | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 23.94           | 24.01          | 0.252        | 29.21         | 0.834       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.49           | 23.45          | 0.221        | 28.65         | 0.733       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.64           | 22.68          | 0.185        | 27.88         | 0.614       | 1                |
| Band 4_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 23.97           | 24.05          | 0.254        | 29.25         | 0.841       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.46           | 23.49          | 0.223        | 28.69         | 0.740       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.65           | 22.65          | 0.184        | 27.85         | 0.610       | 1                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 23.98           | 24.00          | 0.251        | 29.20         | 0.832       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.49           | 23.52          | 0.225        | 28.72         | 0.745       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.74           | 22.65          | 0.184        | 27.85         | 0.610       | 1                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.01           | 23.98          | 0.250        | 29.18         | 0.828       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.48           | 23.51          | 0.224        | 28.71         | 0.743       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.64           | 22.68          | 0.185        | 27.88         | 0.614       | 1                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 23.97           | 23.99          | 0.251        | 29.19         | 0.830       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.49           | 23.53          | 0.225        | 28.73         | 0.746       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.64           | 22.64          | 0.184        | 27.84         | 0.608       | 1                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.02           | 23.94          | 0.248        | 29.14         | 0.820       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.48           | 23.48          | 0.223        | 28.68         | 0.738       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.65           | 22.71          | 0.187        | 27.91         | 0.618       | 1                |
| Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.4MHz                            | Pass   | 5.20        | 24.03           | 23.98          | 0.250        | 29.18         | 0.828       | 1                |
| 1732.6MHz                            | Pass   | 5.20        | 23.48           | 23.52          | 0.225        | 28.72         | 0.745       | 1                |
| 1752.6MHz                            | Pass   | 5.20        | 22.63           | 22.73          | 0.187        | 27.93         | 0.621       | 1                |

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



## Average Power Results

## Appendix A.3

<Mode 3> EUT 2 + WCDMA Band 5 Link

### Summary

| Mode                | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------|----------------|--------------|--------------|------------|
| Band 5              | -              | -            | -            | -          |
| WCDMA_5MHz_Nss1_1TX | 23.28          | 0.213        | 25.03        | 0.318      |



## Average Power Results

## Appendix A.3

### 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   | 3.90        | 23.28           | 23.28          | 0.213        | 25.03        | 0.318      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 23.21           | 23.21          | 0.209        | 24.96        | 0.313      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.84           | 22.84          | 0.192        | 24.59        | 0.288      | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 23.28           | 23.28          | 0.213        | 25.03        | 0.318      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 23.21           | 23.21          | 0.209        | 24.96        | 0.313      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.84           | 22.84          | 0.192        | 24.59        | 0.288      | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 23.20           | 23.20          | 0.209        | 24.95        | 0.313      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.61           | 22.61          | 0.182        | 24.36        | 0.273      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.57           | 22.57          | 0.181        | 24.32        | 0.270      | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.66           | 22.66          | 0.185        | 24.41        | 0.276      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.84           | 22.84          | 0.192        | 24.59        | 0.288      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.81           | 22.81          | 0.191        | 24.56        | 0.286      | 7               |
| Band 5_HSDPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.76           | 22.76          | 0.189        | 24.51        | 0.282      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.70           | 22.70          | 0.186        | 24.45        | 0.279      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.74           | 22.74          | 0.188        | 24.49        | 0.281      | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.56           | 22.56          | 0.180        | 24.31        | 0.270      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.54           | 22.54          | 0.179        | 24.29        | 0.269      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.70           | 22.70          | 0.186        | 24.45        | 0.279      | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.84           | 22.84          | 0.192        | 24.59        | 0.288      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.75           | 22.75          | 0.188        | 24.5         | 0.282      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.53           | 22.53          | 0.179        | 24.28        | 0.268      | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.77           | 22.77          | 0.189        | 24.52        | 0.283      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.82           | 22.82          | 0.191        | 24.57        | 0.286      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.80           | 22.80          | 0.191        | 24.55        | 0.285      | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.82           | 22.82          | 0.191        | 24.57        | 0.286      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.51           | 22.51          | 0.178        | 24.26        | 0.267      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.66           | 22.66          | 0.185        | 24.41        | 0.276      | 7               |
| Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.4MHz                             | Pass   | 3.90        | 22.83           | 22.83          | 0.192        | 24.58        | 0.287      | 7               |
| 836.6MHz                             | Pass   | 3.90        | 22.51           | 22.51          | 0.178        | 24.26        | 0.267      | 7               |
| 846.6MHz                             | Pass   | 3.90        | 22.76           | 22.76          | 0.189        | 24.51        | 0.282      | 7               |

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



## <Mode 4> EUT 2 + LTE Band 2 Link

### Summary

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 2                    | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 21.81          | 0.152        | 30.11         | 1.02565     |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.00          | 0.126        | 29.30         | 0.85114     |
| LTE_3MHz_Nss1,QPSK_1TX    | 21.47          | 0.140        | 29.77         | 0.94842     |
| LTE_3MHz_Nss1,16QAM_1TX   | 20.80          | 0.120        | 29.10         | 0.81283     |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.26          | 0.168        | 30.56         | 1.13763     |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.51          | 0.142        | 29.81         | 0.95719     |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.42          | 0.175        | 30.72         | 1.18032     |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.54          | 0.143        | 29.84         | 0.96383     |
| LTE_15MHz_Nss1,QPSK_1TX   | 22.68          | 0.185        | 30.98         | 1.25314     |
| LTE_15MHz_Nss1,16QAM_1TX  | 21.87          | 0.154        | 30.17         | 1.03992     |
| LTE_20MHz_Nss1,QPSK_1TX   | 22.90          | 0.195        | 31.20         | 1.31826     |
| LTE_20MHz_Nss1,16QAM_1TX  | 22.17          | 0.165        | 30.47         | 1.11429     |



## Average Power Results

## Appendix A.4

### Result

| Mode                             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | 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   | 8.30        | 19.85           | 0.097        | 19.85          | 28.15         | 0.65313     | 2                |
| 1850.7MHz_RB 1,#RB L             | Pass   | 8.30        | 21.10           | 0.129        | 21.10          | 29.40         | 0.87096     | 2                |
| 1850.7MHz_RB 1,#RB M             | Pass   | 8.30        | 20.99           | 0.126        | 20.99          | 29.29         | 0.84918     | 2                |
| 1850.7MHz_RB 1,#RB H             | Pass   | 8.30        | 21.10           | 0.129        | 21.10          | 29.40         | 0.87096     | 2                |
| 1850.7MHz_RB 3,#RB L             | Pass   | 8.30        | 20.82           | 0.121        | 20.82          | 29.12         | 0.81658     | 2                |
| 1850.7MHz_RB 3,#RB M             | Pass   | 8.30        | 21.00           | 0.126        | 21.00          | 29.30         | 0.85114     | 2                |
| 1850.7MHz_RB 3,#RB H             | Pass   | 8.30        | 20.78           | 0.120        | 20.78          | 29.08         | 0.80910     | 2                |
| 1880MHz_RB 6,#RB 0               | Pass   | 8.30        | 20.48           | 0.112        | 20.48          | 28.78         | 0.75509     | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.30        | 21.81           | 0.152        | 21.81          | 30.11         | 1.02565     | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.30        | 21.77           | 0.150        | 21.77          | 30.07         | 1.01625     | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.30        | 21.75           | 0.150        | 21.75          | 30.05         | 1.01158     | 2                |
| 1880MHz_RB 3,#RB L               | Pass   | 8.30        | 21.55           | 0.143        | 21.55          | 29.85         | 0.96605     | 2                |
| 1880MHz_RB 3,#RB M               | Pass   | 8.30        | 21.64           | 0.146        | 21.64          | 29.94         | 0.98628     | 2                |
| 1880MHz_RB 3,#RB H               | Pass   | 8.30        | 21.49           | 0.141        | 21.49          | 29.79         | 0.95280     | 2                |
| 1909.3MHz_RB 6,#RB 0             | Pass   | 8.30        | 20.44           | 0.111        | 20.44          | 28.74         | 0.74817     | 2                |
| 1909.3MHz_RB 1,#RB L             | Pass   | 8.30        | 21.71           | 0.148        | 21.71          | 30.01         | 1.00231     | 2                |
| 1909.3MHz_RB 1,#RB M             | Pass   | 8.30        | 21.52           | 0.142        | 21.52          | 29.82         | 0.95940     | 2                |
| 1909.3MHz_RB 1,#RB H             | Pass   | 8.30        | 21.66           | 0.147        | 21.66          | 29.96         | 0.99083     | 2                |
| 1909.3MHz_RB 3,#RB L             | Pass   | 8.30        | 21.46           | 0.140        | 21.46          | 29.76         | 0.94624     | 2                |
| 1909.3MHz_RB 3,#RB M             | Pass   | 8.30        | 21.55           | 0.143        | 21.55          | 29.85         | 0.96605     | 2                |
| 1909.3MHz_RB 3,#RB H             | Pass   | 8.30        | 21.45           | 0.140        | 21.45          | 29.75         | 0.94406     | 2                |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1850.7MHz_RB 6,#RB 0             | Pass   | 8.30        | 18.93           | 0.078        | 18.93          | 27.23         | 0.52845     | 2                |
| 1850.7MHz_RB 1,#RB L             | Pass   | 8.30        | 20.35           | 0.108        | 20.35          | 28.65         | 0.73282     | 2                |
| 1850.7MHz_RB 1,#RB M             | Pass   | 8.30        | 20.29           | 0.107        | 20.29          | 28.59         | 0.72277     | 2                |
| 1850.7MHz_RB 1,#RB H             | Pass   | 8.30        | 20.25           | 0.106        | 20.25          | 28.55         | 0.71614     | 2                |
| 1850.7MHz_RB 3,#RB L             | Pass   | 8.30        | 19.99           | 0.100        | 19.99          | 28.29         | 0.67453     | 2                |
| 1850.7MHz_RB 3,#RB M             | Pass   | 8.30        | 20.01           | 0.100        | 20.01          | 28.31         | 0.67764     | 2                |
| 1850.7MHz_RB 3,#RB H             | Pass   | 8.30        | 20.03           | 0.101        | 20.03          | 28.33         | 0.68077     | 2                |
| 1880MHz_RB 6,#RB 0               | Pass   | 8.30        | 19.58           | 0.091        | 19.58          | 27.88         | 0.61376     | 2                |
| 1880MHz_RB 1,#RB L               | Pass   | 8.30        | 20.90           | 0.123        | 20.90          | 29.20         | 0.83176     | 2                |
| 1880MHz_RB 1,#RB M               | Pass   | 8.30        | 20.90           | 0.123        | 20.90          | 29.20         | 0.83176     | 2                |
| 1880MHz_RB 1,#RB H               | Pass   | 8.30        | 20.91           | 0.123        | 20.91          | 29.21         | 0.83368     | 2                |
| 1880MHz_RB 3,#RB L               | Pass   | 8.30        | 20.56           | 0.114        | 20.56          | 28.86         | 0.76913     | 2                |
| 1880MHz_RB 3,#RB M               | Pass   | 8.30        | 20.57           | 0.114        | 20.57          | 28.87         | 0.77090     | 2                |
| 1880MHz_RB 3,#RB H               | Pass   | 8.30        | 20.51           | 0.112        | 20.51          | 28.81         | 0.76033     | 2                |
| 1909.3MHz_RB 6,#RB 0             | Pass   | 8.30        | 19.58           | 0.091        | 19.58          | 27.88         | 0.61376     | 2                |
| 1909.3MHz_RB 1,#RB L             | Pass   | 8.30        | 21.00           | 0.126        | 21.00          | 29.30         | 0.85114     | 2                |
| 1909.3MHz_RB 1,#RB M             | Pass   | 8.30        | 20.99           | 0.126        | 20.99          | 29.29         | 0.84918     | 2                |
| 1909.3MHz_RB 1,#RB H             | Pass   | 8.30        | 20.81           | 0.121        | 20.81          | 29.11         | 0.81470     | 2                |
| 1909.3MHz_RB 3,#RB L             | Pass   | 8.30        | 20.67           | 0.117        | 20.67          | 28.97         | 0.78886     | 2                |
| 1909.3MHz_RB 3,#RB M             | Pass   | 8.30        | 20.67           | 0.117        | 20.67          | 28.97         | 0.78886     | 2                |
| 1909.3MHz_RB 3,#RB H             | Pass   | 8.30        | 20.59           | 0.115        | 20.59          | 28.89         | 0.77446     | 2                |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX    | -      | -           | -               | -            | -              | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0            | Pass   | 8.30        | 19.72           | 0.094        | 19.72          | 28.02         | 0.63387     | 2                |
| 1851.5MHz_RB 1,#RB L             | Pass   | 8.30        | 20.87           | 0.122        | 20.87          | 29.17         | 0.82604     | 2                |
| 1851.5MHz_RB 1,#RB M             | Pass   | 8.30        | 20.84           | 0.121        | 20.84          | 29.14         | 0.82035     | 2                |



## Average Power Results

## Appendix A.4

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|--------------|----------------|---------------|-------------|------------------|
| 1851.5MHz_RB 1,#RB H           | Pass   | 8.30        | 20.74           | 0.119        | 20.74          | 29.04         | 0.80168     | 2                |
| 1851.5MHz_RB 8,#RB L           | Pass   | 8.30        | 19.80           | 0.095        | 19.80          | 28.10         | 0.64565     | 2                |
| 1851.5MHz_RB 8,#RB M           | Pass   | 8.30        | 19.78           | 0.095        | 19.78          | 28.08         | 0.64269     | 2                |
| 1851.5MHz_RB 8,#RB H           | Pass   | 8.30        | 19.71           | 0.094        | 19.71          | 28.01         | 0.63241     | 2                |
| 1880MHz_RB 15,#RB 0            | Pass   | 8.30        | 20.31           | 0.107        | 20.31          | 28.61         | 0.72611     | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.30        | 21.46           | 0.140        | 21.46          | 29.76         | 0.94624     | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.30        | 21.43           | 0.139        | 21.43          | 29.73         | 0.93972     | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.30        | 21.47           | 0.140        | 21.47          | 29.77         | 0.94842     | 2                |
| 1880MHz_RB 8,#RB L             | Pass   | 8.30        | 20.31           | 0.107        | 20.31          | 28.61         | 0.72611     | 2                |
| 1880MHz_RB 8,#RB M             | Pass   | 8.30        | 20.42           | 0.110        | 20.42          | 28.72         | 0.74473     | 2                |
| 1880MHz_RB 8,#RB H             | Pass   | 8.30        | 20.31           | 0.107        | 20.31          | 28.61         | 0.72611     | 2                |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 8.30        | 20.32           | 0.108        | 20.32          | 28.62         | 0.72778     | 2                |
| 1908.5MHz_RB 1,#RB L           | Pass   | 8.30        | 21.32           | 0.136        | 21.32          | 29.62         | 0.91622     | 2                |
| 1908.5MHz_RB 1,#RB M           | Pass   | 8.30        | 21.32           | 0.136        | 21.32          | 29.62         | 0.91622     | 2                |
| 1908.5MHz_RB 1,#RB H           | Pass   | 8.30        | 21.38           | 0.137        | 21.38          | 29.68         | 0.92897     | 2                |
| 1908.5MHz_RB 8,#RB L           | Pass   | 8.30        | 20.28           | 0.107        | 20.28          | 28.58         | 0.72111     | 2                |
| 1908.5MHz_RB 8,#RB M           | Pass   | 8.30        | 20.38           | 0.109        | 20.38          | 28.68         | 0.73790     | 2                |
| 1908.5MHz_RB 8,#RB H           | Pass   | 8.30        | 20.35           | 0.108        | 20.35          | 28.65         | 0.73282     | 2                |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 8.30        | 18.75           | 0.075        | 18.75          | 27.05         | 0.50699     | 2                |
| 1851.5MHz_RB 1,#RB L           | Pass   | 8.30        | 20.07           | 0.102        | 20.07          | 28.37         | 0.68707     | 2                |
| 1851.5MHz_RB 1,#RB M           | Pass   | 8.30        | 19.98           | 0.100        | 19.98          | 28.28         | 0.67298     | 2                |
| 1851.5MHz_RB 1,#RB H           | Pass   | 8.30        | 19.94           | 0.099        | 19.94          | 28.24         | 0.66681     | 2                |
| 1851.5MHz_RB 8,#RB L           | Pass   | 8.30        | 18.80           | 0.076        | 18.80          | 27.10         | 0.51286     | 2                |
| 1851.5MHz_RB 8,#RB M           | Pass   | 8.30        | 18.78           | 0.076        | 18.78          | 27.08         | 0.51050     | 2                |
| 1851.5MHz_RB 8,#RB H           | Pass   | 8.30        | 18.73           | 0.075        | 18.73          | 27.03         | 0.50466     | 2                |
| 1880MHz_RB 15,#RB 0            | Pass   | 8.30        | 19.35           | 0.086        | 19.35          | 27.65         | 0.58210     | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.30        | 20.60           | 0.115        | 20.60          | 28.90         | 0.77625     | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.30        | 20.68           | 0.117        | 20.68          | 28.98         | 0.79068     | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.30        | 20.80           | 0.120        | 20.80          | 29.10         | 0.81283     | 2                |
| 1880MHz_RB 8,#RB L             | Pass   | 8.30        | 19.41           | 0.087        | 19.41          | 27.71         | 0.59020     | 2                |
| 1880MHz_RB 8,#RB M             | Pass   | 8.30        | 19.46           | 0.088        | 19.46          | 27.76         | 0.59704     | 2                |
| 1880MHz_RB 8,#RB H             | Pass   | 8.30        | 19.36           | 0.086        | 19.36          | 27.66         | 0.58345     | 2                |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 8.30        | 19.30           | 0.085        | 19.30          | 27.60         | 0.57544     | 2                |
| 1908.5MHz_RB 1,#RB L           | Pass   | 8.30        | 20.56           | 0.114        | 20.56          | 28.86         | 0.76913     | 2                |
| 1908.5MHz_RB 1,#RB M           | Pass   | 8.30        | 20.63           | 0.116        | 20.63          | 28.93         | 0.78163     | 2                |
| 1908.5MHz_RB 1,#RB H           | Pass   | 8.30        | 20.56           | 0.114        | 20.56          | 28.86         | 0.76913     | 2                |
| 1908.5MHz_RB 8,#RB L           | Pass   | 8.30        | 19.36           | 0.086        | 19.36          | 27.66         | 0.58345     | 2                |
| 1908.5MHz_RB 8,#RB M           | Pass   | 8.30        | 19.40           | 0.087        | 19.40          | 27.70         | 0.58884     | 2                |
| 1908.5MHz_RB 8,#RB H           | Pass   | 8.30        | 19.43           | 0.088        | 19.43          | 27.73         | 0.59293     | 2                |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -            | -              | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0          | Pass   | 8.30        | 19.86           | 0.097        | 19.86          | 28.16         | 0.65464     | 2                |
| 1852.5MHz_RB 1,#RB L           | Pass   | 8.30        | 21.11           | 0.129        | 21.11          | 29.41         | 0.87297     | 2                |
| 1852.5MHz_RB 1,#RB M           | Pass   | 8.30        | 21.07           | 0.128        | 21.07          | 29.37         | 0.86497     | 2                |
| 1852.5MHz_RB 1,#RB H           | Pass   | 8.30        | 20.96           | 0.125        | 20.96          | 29.26         | 0.84333     | 2                |
| 1852.5MHz_RB 12,#RB L          | Pass   | 8.30        | 19.90           | 0.098        | 19.90          | 28.20         | 0.66069     | 2                |
| 1852.5MHz_RB 12,#RB M          | Pass   | 8.30        | 19.91           | 0.098        | 19.91          | 28.21         | 0.66222     | 2                |
| 1852.5MHz_RB 12,#RB H          | Pass   | 8.30        | 19.80           | 0.095        | 19.80          | 28.10         | 0.64565     | 2                |
| 1880MHz_RB 25,#RB 0            | Pass   | 8.30        | 20.48           | 0.112        | 20.48          | 28.78         | 0.75509     | 2                |



## Average Power Results

## Appendix A.4

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|--------------------------------|--------|-------------|-----------------|--------------|----------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB L             | Pass   | 8.30        | 21.66           | 0.147        | 21.66          | 29.96         | 0.99083     | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.30        | 21.65           | 0.146        | 21.65          | 29.95         | 0.98855     | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.30        | 21.55           | 0.143        | 21.55          | 29.85         | 0.96605     | 2                |
| 1880MHz_RB 12,#RB L            | Pass   | 8.30        | 20.57           | 0.114        | 20.57          | 28.87         | 0.77090     | 2                |
| 1880MHz_RB 12,#RB M            | Pass   | 8.30        | 20.51           | 0.112        | 20.51          | 28.81         | 0.76033     | 2                |
| 1880MHz_RB 12,#RB H            | Pass   | 8.30        | 20.44           | 0.111        | 20.44          | 28.74         | 0.74817     | 2                |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 8.30        | 20.93           | 0.124        | 20.93          | 29.23         | 0.83753     | 2                |
| 1907.5MHz_RB 1,#RB L           | Pass   | 8.30        | 22.26           | 0.168        | 22.26          | 30.56         | 1.13763     | 2                |
| 1907.5MHz_RB 1,#RB M           | Pass   | 8.30        | 21.57           | 0.144        | 21.57          | 29.87         | 0.97051     | 2                |
| 1907.5MHz_RB 1,#RB H           | Pass   | 8.30        | 21.52           | 0.142        | 21.52          | 29.82         | 0.95940     | 2                |
| 1907.5MHz_RB 12,#RB L          | Pass   | 8.30        | 21.01           | 0.126        | 21.01          | 29.31         | 0.85310     | 2                |
| 1907.5MHz_RB 12,#RB M          | Pass   | 8.30        | 20.52           | 0.113        | 20.52          | 28.82         | 0.76208     | 2                |
| 1907.5MHz_RB 12,#RB H          | Pass   | 8.30        | 20.40           | 0.110        | 20.40          | 28.70         | 0.74131     | 2                |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1852.5MHz_RB 25,#RB 0          | Pass   | 8.30        | 18.88           | 0.077        | 18.88          | 27.18         | 0.52240     | 2                |
| 1852.5MHz_RB 1,#RB L           | Pass   | 8.30        | 20.37           | 0.109        | 20.37          | 28.67         | 0.73621     | 2                |
| 1852.5MHz_RB 1,#RB M           | Pass   | 8.30        | 20.24           | 0.106        | 20.24          | 28.54         | 0.71450     | 2                |
| 1852.5MHz_RB 1,#RB H           | Pass   | 8.30        | 20.13           | 0.103        | 20.13          | 28.43         | 0.69663     | 2                |
| 1852.5MHz_RB 12,#RB L          | Pass   | 8.30        | 18.88           | 0.077        | 18.88          | 27.18         | 0.52240     | 2                |
| 1852.5MHz_RB 12,#RB M          | Pass   | 8.30        | 18.83           | 0.076        | 18.83          | 27.13         | 0.51642     | 2                |
| 1852.5MHz_RB 12,#RB H          | Pass   | 8.30        | 18.82           | 0.076        | 18.82          | 27.12         | 0.51523     | 2                |
| 1880MHz_RB 25,#RB 0            | Pass   | 8.30        | 19.47           | 0.089        | 19.47          | 27.77         | 0.59841     | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.30        | 20.93           | 0.124        | 20.93          | 29.23         | 0.83753     | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.30        | 20.84           | 0.121        | 20.84          | 29.14         | 0.82035     | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.30        | 20.89           | 0.123        | 20.89          | 29.19         | 0.82985     | 2                |
| 1880MHz_RB 12,#RB L            | Pass   | 8.30        | 19.61           | 0.091        | 19.61          | 27.91         | 0.61802     | 2                |
| 1880MHz_RB 12,#RB M            | Pass   | 8.30        | 19.54           | 0.090        | 19.54          | 27.84         | 0.60814     | 2                |
| 1880MHz_RB 12,#RB H            | Pass   | 8.30        | 19.48           | 0.089        | 19.48          | 27.78         | 0.59979     | 2                |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 8.30        | 19.93           | 0.098        | 19.93          | 28.23         | 0.66527     | 2                |
| 1907.5MHz_RB 1,#RB L           | Pass   | 8.30        | 21.51           | 0.142        | 21.51          | 29.81         | 0.95719     | 2                |
| 1907.5MHz_RB 1,#RB M           | Pass   | 8.30        | 20.91           | 0.123        | 20.91          | 29.21         | 0.83368     | 2                |
| 1907.5MHz_RB 1,#RB H           | Pass   | 8.30        | 20.81           | 0.121        | 20.81          | 29.11         | 0.81470     | 2                |
| 1907.5MHz_RB 12,#RB L          | Pass   | 8.30        | 20.09           | 0.102        | 20.09          | 28.39         | 0.69024     | 2                |
| 1907.5MHz_RB 12,#RB M          | Pass   | 8.30        | 19.52           | 0.090        | 19.52          | 27.82         | 0.60534     | 2                |
| 1907.5MHz_RB 12,#RB H          | Pass   | 8.30        | 19.46           | 0.088        | 19.46          | 27.76         | 0.59704     | 2                |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1855MHz_RB 50,#RB 0            | Pass   | 8.30        | 20.07           | 0.102        | 20.07          | 28.37         | 0.68707     | 2                |
| 1855MHz_RB 1,#RB L             | Pass   | 8.30        | 21.47           | 0.140        | 21.47          | 29.77         | 0.94842     | 2                |
| 1855MHz_RB 1,#RB M             | Pass   | 8.30        | 21.14           | 0.130        | 21.14          | 29.44         | 0.87902     | 2                |
| 1855MHz_RB 1,#RB H             | Pass   | 8.30        | 21.39           | 0.138        | 21.39          | 29.69         | 0.93111     | 2                |
| 1855MHz_RB 25,#RB L            | Pass   | 8.30        | 20.08           | 0.102        | 20.08          | 28.38         | 0.68865     | 2                |
| 1855MHz_RB 25,#RB M            | Pass   | 8.30        | 20.06           | 0.101        | 20.06          | 28.36         | 0.68549     | 2                |
| 1855MHz_RB 25,#RB H            | Pass   | 8.30        | 20.05           | 0.101        | 20.05          | 28.35         | 0.68391     | 2                |
| 1880MHz_RB 50,#RB 0            | Pass   | 8.30        | 20.56           | 0.114        | 20.56          | 28.86         | 0.76913     | 2                |
| 1880MHz_RB 1,#RB L             | Pass   | 8.30        | 21.99           | 0.158        | 21.99          | 30.29         | 1.06905     | 2                |
| 1880MHz_RB 1,#RB M             | Pass   | 8.30        | 21.64           | 0.146        | 21.64          | 29.94         | 0.98628     | 2                |
| 1880MHz_RB 1,#RB H             | Pass   | 8.30        | 21.63           | 0.146        | 21.63          | 29.93         | 0.98401     | 2                |
| 1880MHz_RB 25,#RB L            | Pass   | 8.30        | 20.59           | 0.115        | 20.59          | 28.89         | 0.77446     | 2                |
| 1880MHz_RB 25,#RB M            | Pass   | 8.30        | 20.51           | 0.112        | 20.51          | 28.81         | 0.76033     | 2                |



## Average Power Results

## Appendix A.4

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|--------------|----------------|---------------|-------------|------------------|
| 1880MHz_RB 25,#RB H             | Pass   | 8.30        | 20.44           | 0.111        | 20.44          | 28.74         | 0.74817     | 2                |
| 1905MHz_RB 50,#RB 0             | Pass   | 8.30        | 21.06           | 0.128        | 21.06          | 29.36         | 0.86298     | 2                |
| 1905MHz_RB 1,#RB L              | Pass   | 8.30        | 22.42           | 0.175        | 22.42          | 30.72         | 1.18032     | 2                |
| 1905MHz_RB 1,#RB M              | Pass   | 8.30        | 22.05           | 0.160        | 22.05          | 30.35         | 1.08393     | 2                |
| 1905MHz_RB 1,#RB H              | Pass   | 8.30        | 21.49           | 0.141        | 21.49          | 29.79         | 0.95280     | 2                |
| 1905MHz_RB 25,#RB L             | Pass   | 8.30        | 21.03           | 0.127        | 21.03          | 29.33         | 0.85704     | 2                |
| 1905MHz_RB 25,#RB M             | Pass   | 8.30        | 21.07           | 0.128        | 21.07          | 29.37         | 0.86497     | 2                |
| 1905MHz_RB 25,#RB H             | Pass   | 8.30        | 20.88           | 0.122        | 20.88          | 29.18         | 0.82794     | 2                |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1855MHz_RB 50,#RB 0             | Pass   | 8.30        | 19.03           | 0.080        | 19.03          | 27.33         | 0.54075     | 2                |
| 1855MHz_RB 1,#RB L              | Pass   | 8.30        | 20.68           | 0.117        | 20.68          | 28.98         | 0.79068     | 2                |
| 1855MHz_RB 1,#RB M              | Pass   | 8.30        | 20.28           | 0.107        | 20.28          | 28.58         | 0.72111     | 2                |
| 1855MHz_RB 1,#RB H              | Pass   | 8.30        | 20.47           | 0.111        | 20.47          | 28.77         | 0.75336     | 2                |
| 1855MHz_RB 25,#RB L             | Pass   | 8.30        | 19.07           | 0.081        | 19.07          | 27.37         | 0.54576     | 2                |
| 1855MHz_RB 25,#RB M             | Pass   | 8.30        | 19.06           | 0.081        | 19.06          | 27.36         | 0.54450     | 2                |
| 1855MHz_RB 25,#RB H             | Pass   | 8.30        | 19.00           | 0.079        | 19.00          | 27.30         | 0.53703     | 2                |
| 1880MHz_RB 50,#RB 0             | Pass   | 8.30        | 19.51           | 0.089        | 19.51          | 27.81         | 0.60395     | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.30        | 21.16           | 0.131        | 21.16          | 29.46         | 0.88308     | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.30        | 20.89           | 0.123        | 20.89          | 29.19         | 0.82985     | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.30        | 20.93           | 0.124        | 20.93          | 29.23         | 0.83753     | 2                |
| 1880MHz_RB 25,#RB L             | Pass   | 8.30        | 19.63           | 0.092        | 19.63          | 27.93         | 0.62087     | 2                |
| 1880MHz_RB 25,#RB M             | Pass   | 8.30        | 19.47           | 0.089        | 19.47          | 27.77         | 0.59841     | 2                |
| 1880MHz_RB 25,#RB H             | Pass   | 8.30        | 19.46           | 0.088        | 19.46          | 27.76         | 0.59704     | 2                |
| 1905MHz_RB 50,#RB 0             | Pass   | 8.30        | 20.01           | 0.100        | 20.01          | 28.31         | 0.67764     | 2                |
| 1905MHz_RB 1,#RB L              | Pass   | 8.30        | 21.54           | 0.143        | 21.54          | 29.84         | 0.96383     | 2                |
| 1905MHz_RB 1,#RB M              | Pass   | 8.30        | 21.39           | 0.138        | 21.39          | 29.69         | 0.93111     | 2                |
| 1905MHz_RB 1,#RB H              | Pass   | 8.30        | 20.76           | 0.119        | 20.76          | 29.06         | 0.80538     | 2                |
| 1905MHz_RB 25,#RB L             | Pass   | 8.30        | 19.99           | 0.100        | 19.99          | 28.29         | 0.67453     | 2                |
| 1905MHz_RB 25,#RB M             | Pass   | 8.30        | 20.03           | 0.101        | 20.03          | 28.33         | 0.68077     | 2                |
| 1905MHz_RB 25,#RB H             | Pass   | 8.30        | 19.87           | 0.097        | 19.87          | 28.17         | 0.65615     | 2                |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -            | -              | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 8.30        | 20.32           | 0.108        | 20.32          | 28.62         | 0.72778     | 2                |
| 1857.5MHz_RB 1,#RB L            | Pass   | 8.30        | 21.92           | 0.156        | 21.92          | 30.22         | 1.05196     | 2                |
| 1857.5MHz_RB 1,#RB M            | Pass   | 8.30        | 21.46           | 0.140        | 21.46          | 29.76         | 0.94624     | 2                |
| 1857.5MHz_RB 1,#RB H            | Pass   | 8.30        | 21.63           | 0.146        | 21.63          | 29.93         | 0.98401     | 2                |
| 1857.5MHz_RB 36,#RB L           | Pass   | 8.30        | 20.51           | 0.112        | 20.51          | 28.81         | 0.76033     | 2                |
| 1857.5MHz_RB 36,#RB M           | Pass   | 8.30        | 20.28           | 0.107        | 20.28          | 28.58         | 0.72111     | 2                |
| 1857.5MHz_RB 36,#RB H           | Pass   | 8.30        | 20.31           | 0.107        | 20.31          | 28.61         | 0.72611     | 2                |
| 1880MHz_RB 75,#RB 0             | Pass   | 8.30        | 20.77           | 0.119        | 20.77          | 29.07         | 0.80724     | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.30        | 22.14           | 0.164        | 22.14          | 30.44         | 1.10662     | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.30        | 21.71           | 0.148        | 21.71          | 30.01         | 1.00231     | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.30        | 22.02           | 0.159        | 22.02          | 30.32         | 1.07647     | 2                |
| 1880MHz_RB 36,#RB L             | Pass   | 8.30        | 20.82           | 0.121        | 20.82          | 29.12         | 0.81658     | 2                |
| 1880MHz_RB 36,#RB M             | Pass   | 8.30        | 20.65           | 0.116        | 20.65          | 28.95         | 0.78524     | 2                |
| 1880MHz_RB 36,#RB H             | Pass   | 8.30        | 20.75           | 0.119        | 20.75          | 29.05         | 0.80353     | 2                |
| 1902.5MHz_RB 75,#RB 0           | Pass   | 8.30        | 21.15           | 0.130        | 21.15          | 29.45         | 0.88105     | 2                |
| 1902.5MHz_RB 1,#RB L            | Pass   | 8.30        | 22.68           | 0.185        | 22.68          | 30.98         | 1.25314     | 2                |
| 1902.5MHz_RB 1,#RB M            | Pass   | 8.30        | 22.16           | 0.164        | 22.16          | 30.46         | 1.11173     | 2                |
| 1902.5MHz_RB 1,#RB H            | Pass   | 8.30        | 21.65           | 0.146        | 21.65          | 29.95         | 0.98855     | 2                |



## Average Power Results

## Appendix A.4

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|---------------------------------|--------|-------------|-----------------|--------------|----------------|---------------|-------------|------------------|
| 1902.5MHz_RB 36,#RB L           | Pass   | 8.30        | 21.27           | 0.134        | 21.27          | 29.57         | 0.90573     | 2                |
| 1902.5MHz_RB 36,#RB M           | Pass   | 8.30        | 21.17           | 0.131        | 21.17          | 29.47         | 0.88512     | 2                |
| 1902.5MHz_RB 36,#RB H           | Pass   | 8.30        | 21.14           | 0.130        | 21.14          | 29.44         | 0.87902     | 2                |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 8.30        | 19.42           | 0.087        | 19.42          | 27.72         | 0.59156     | 2                |
| 1857.5MHz_RB 1,#RB L            | Pass   | 8.30        | 21.11           | 0.129        | 21.11          | 29.41         | 0.87297     | 2                |
| 1857.5MHz_RB 1,#RB M            | Pass   | 8.30        | 20.51           | 0.112        | 20.51          | 28.81         | 0.76033     | 2                |
| 1857.5MHz_RB 1,#RB H            | Pass   | 8.30        | 20.81           | 0.121        | 20.81          | 29.11         | 0.81470     | 2                |
| 1857.5MHz_RB 36,#RB L           | Pass   | 8.30        | 19.53           | 0.090        | 19.53          | 27.83         | 0.60674     | 2                |
| 1857.5MHz_RB 36,#RB M           | Pass   | 8.30        | 19.33           | 0.086        | 19.33          | 27.63         | 0.57943     | 2                |
| 1857.5MHz_RB 36,#RB H           | Pass   | 8.30        | 19.34           | 0.086        | 19.34          | 27.64         | 0.58076     | 2                |
| 1880MHz_RB 75,#RB 0             | Pass   | 8.30        | 19.82           | 0.096        | 19.82          | 28.12         | 0.64863     | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.30        | 21.42           | 0.139        | 21.42          | 29.72         | 0.93756     | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.30        | 20.81           | 0.121        | 20.81          | 29.11         | 0.81470     | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.30        | 21.19           | 0.132        | 21.19          | 29.49         | 0.88920     | 2                |
| 1880MHz_RB 36,#RB L             | Pass   | 8.30        | 19.84           | 0.096        | 19.84          | 28.14         | 0.65163     | 2                |
| 1880MHz_RB 36,#RB M             | Pass   | 8.30        | 19.63           | 0.092        | 19.63          | 27.93         | 0.62087     | 2                |
| 1880MHz_RB 36,#RB H             | Pass   | 8.30        | 19.72           | 0.094        | 19.72          | 28.02         | 0.63387     | 2                |
| 1902.5MHz_RB 75,#RB 0           | Pass   | 8.30        | 20.15           | 0.104        | 20.15          | 28.45         | 0.69984     | 2                |
| 1902.5MHz_RB 1,#RB L            | Pass   | 8.30        | 21.87           | 0.154        | 21.87          | 30.17         | 1.03992     | 2                |
| 1902.5MHz_RB 1,#RB M            | Pass   | 8.30        | 21.31           | 0.135        | 21.31          | 29.61         | 0.91411     | 2                |
| 1902.5MHz_RB 1,#RB H            | Pass   | 8.30        | 20.88           | 0.122        | 20.88          | 29.18         | 0.82794     | 2                |
| 1902.5MHz_RB 36,#RB L           | Pass   | 8.30        | 20.22           | 0.105        | 20.22          | 28.52         | 0.71121     | 2                |
| 1902.5MHz_RB 36,#RB M           | Pass   | 8.30        | 20.07           | 0.102        | 20.07          | 28.37         | 0.68707     | 2                |
| 1902.5MHz_RB 36,#RB H           | Pass   | 8.30        | 20.04           | 0.101        | 20.04          | 28.34         | 0.68234     | 2                |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -            | -              | -             | -           | -                |
| 1860MHz_RB 100,#RB 0            | Pass   | 8.30        | 20.57           | 0.114        | 20.57          | 28.87         | 0.77090     | 2                |
| 1860MHz_RB 1,#RB L              | Pass   | 8.30        | 22.04           | 0.160        | 22.04          | 30.34         | 1.08143     | 2                |
| 1860MHz_RB 1,#RB M              | Pass   | 8.30        | 21.38           | 0.137        | 21.38          | 29.68         | 0.92897     | 2                |
| 1860MHz_RB 1,#RB H              | Pass   | 8.30        | 21.66           | 0.147        | 21.66          | 29.96         | 0.99083     | 2                |
| 1860MHz_RB 50,#RB L             | Pass   | 8.30        | 20.62           | 0.115        | 20.62          | 28.92         | 0.77983     | 2                |
| 1860MHz_RB 50,#RB M             | Pass   | 8.30        | 20.42           | 0.110        | 20.42          | 28.72         | 0.74473     | 2                |
| 1860MHz_RB 50,#RB H             | Pass   | 8.30        | 20.45           | 0.111        | 20.45          | 28.75         | 0.74989     | 2                |
| 1880MHz_RB 100,#RB 0            | Pass   | 8.30        | 20.83           | 0.121        | 20.83          | 29.13         | 0.81846     | 2                |
| 1880MHz_RB 1,#RB L              | Pass   | 8.30        | 22.27           | 0.169        | 22.27          | 30.57         | 1.14025     | 2                |
| 1880MHz_RB 1,#RB M              | Pass   | 8.30        | 21.61           | 0.145        | 21.61          | 29.91         | 0.97949     | 2                |
| 1880MHz_RB 1,#RB H              | Pass   | 8.30        | 21.99           | 0.158        | 21.99          | 30.29         | 1.06905     | 2                |
| 1880MHz_RB 50,#RB L             | Pass   | 8.30        | 20.84           | 0.121        | 20.84          | 29.14         | 0.82035     | 2                |
| 1880MHz_RB 50,#RB M             | Pass   | 8.30        | 20.69           | 0.117        | 20.69          | 28.99         | 0.79250     | 2                |
| 1880MHz_RB 50,#RB H             | Pass   | 8.30        | 20.73           | 0.118        | 20.73          | 29.03         | 0.79983     | 2                |
| 1900MHz_RB 100,#RB 0            | Pass   | 8.30        | 21.51           | 0.142        | 21.51          | 29.81         | 0.95719     | 2                |
| 1900MHz_RB 1,#RB L              | Pass   | 8.30        | 22.90           | 0.195        | 22.90          | 31.20         | 1.31826     | 2                |
| 1900MHz_RB 1,#RB M              | Pass   | 8.30        | 22.26           | 0.168        | 22.26          | 30.56         | 1.13763     | 2                |
| 1900MHz_RB 1,#RB H              | Pass   | 8.30        | 21.98           | 0.158        | 21.98          | 30.28         | 1.06660     | 2                |
| 1900MHz_RB 50,#RB L             | Pass   | 8.30        | 21.54           | 0.143        | 21.54          | 29.84         | 0.96383     | 2                |
| 1900MHz_RB 50,#RB M             | Pass   | 8.30        | 21.31           | 0.135        | 21.31          | 29.61         | 0.91411     | 2                |
| 1900MHz_RB 50,#RB H             | Pass   | 8.30        | 21.30           | 0.135        | 21.30          | 29.60         | 0.91201     | 2                |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -            | -              | -             | -           | -                |
| 1860MHz_RB 100,#RB 0            | Pass   | 8.30        | 19.56           | 0.090        | 19.56          | 27.86         | 0.61094     | 2                |



## Average Power Results

## Appendix A.4

| Mode                 | Result | DG<br>(dBi) | Port 1<br>(dBm) | Power<br>(W) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) |
|----------------------|--------|-------------|-----------------|--------------|----------------|---------------|-------------|------------------|
| 1860MHz_RB 1,#RB L   | Pass   | 8.30        | 21.31           | 0.135        | 21.31          | 29.61         | 0.91411     | 2                |
| 1860MHz_RB 1,#RB M   | Pass   | 8.30        | 20.61           | 0.115        | 20.61          | 28.91         | 0.77804     | 2                |
| 1860MHz_RB 1,#RB H   | Pass   | 8.30        | 20.88           | 0.122        | 20.88          | 29.18         | 0.82794     | 2                |
| 1860MHz_RB 50,#RB L  | Pass   | 8.30        | 19.66           | 0.092        | 19.66          | 27.96         | 0.62517     | 2                |
| 1860MHz_RB 50,#RB M  | Pass   | 8.30        | 19.43           | 0.088        | 19.43          | 27.73         | 0.59293     | 2                |
| 1860MHz_RB 50,#RB H  | Pass   | 8.30        | 19.46           | 0.088        | 19.46          | 27.76         | 0.59704     | 2                |
| 1880MHz_RB 100,#RB 0 | Pass   | 8.30        | 19.82           | 0.096        | 19.82          | 28.12         | 0.64863     | 2                |
| 1880MHz_RB 1,#RB L   | Pass   | 8.30        | 21.52           | 0.142        | 21.52          | 29.82         | 0.95940     | 2                |
| 1880MHz_RB 1,#RB M   | Pass   | 8.30        | 20.84           | 0.121        | 20.84          | 29.14         | 0.82035     | 2                |
| 1880MHz_RB 1,#RB H   | Pass   | 8.30        | 21.22           | 0.132        | 21.22          | 29.52         | 0.89536     | 2                |
| 1880MHz_RB 50,#RB L  | Pass   | 8.30        | 19.90           | 0.098        | 19.90          | 28.20         | 0.66069     | 2                |
| 1880MHz_RB 50,#RB M  | Pass   | 8.30        | 19.71           | 0.094        | 19.71          | 28.01         | 0.63241     | 2                |
| 1880MHz_RB 50,#RB H  | Pass   | 8.30        | 19.76           | 0.095        | 19.76          | 28.06         | 0.63973     | 2                |
| 1900MHz_RB 100,#RB 0 | Pass   | 8.30        | 20.43           | 0.110        | 20.43          | 28.73         | 0.74645     | 2                |
| 1900MHz_RB 1,#RB L   | Pass   | 8.30        | 22.17           | 0.165        | 22.17          | 30.47         | 1.11429     | 2                |
| 1900MHz_RB 1,#RB M   | Pass   | 8.30        | 21.56           | 0.143        | 21.56          | 29.86         | 0.96828     | 2                |
| 1900MHz_RB 1,#RB H   | Pass   | 8.30        | 21.19           | 0.132        | 21.19          | 29.49         | 0.88920     | 2                |
| 1900MHz_RB 50,#RB L  | Pass   | 8.30        | 20.45           | 0.111        | 20.45          | 28.75         | 0.74989     | 2                |
| 1900MHz_RB 50,#RB M  | Pass   | 8.30        | 20.21           | 0.105        | 20.21          | 28.51         | 0.70958     | 2                |
| 1900MHz_RB 50,#RB H  | Pass   | 8.30        | 20.30           | 0.107        | 20.30          | 28.60         | 0.72444     | 2                |

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



**<Mode 5> EUT 2 + LTE Band 4 Link**

**Summary**

| Mode                      | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------|----------------|--------------|---------------|-------------|
| Band 4                    | -              | -            | -             | -           |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.94          | 0.197        | 28.14         | 0.65163     |
| LTE_1.4MHz_Nss1,16QAM_1TX | 22.16          | 0.164        | 27.36         | 0.54450     |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.96          | 0.198        | 28.16         | 0.65464     |
| LTE_3MHz_Nss1,16QAM_1TX   | 22.17          | 0.165        | 27.37         | 0.54576     |
| LTE_5MHz_Nss1,QPSK_1TX    | 23.19          | 0.208        | 28.39         | 0.69024     |
| LTE_5MHz_Nss1,16QAM_1TX   | 22.33          | 0.171        | 27.53         | 0.56624     |
| LTE_10MHz_Nss1,QPSK_1TX   | 23.45          | 0.221        | 28.65         | 0.73282     |
| LTE_10MHz_Nss1,16QAM_1TX  | 22.54          | 0.179        | 27.74         | 0.59429     |
| LTE_15MHz_Nss1,QPSK_1TX   | 22.99          | 0.199        | 28.19         | 0.65917     |
| LTE_15MHz_Nss1,16QAM_1TX  | 22.18          | 0.165        | 27.38         | 0.54702     |
| LTE_20MHz_Nss1,QPSK_1TX   | 22.71          | 0.187        | 27.91         | 0.61802     |
| LTE_20MHz_Nss1,16QAM_1TX  | 21.98          | 0.158        | 27.18         | 0.52240     |



## Average Power Results

## Appendix A.5

### 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   | 5.20        | 21.82           | 21.82          | 0.152        | 27.02         | 0.50350     | 1                |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5.20        | 22.93           | 22.93          | 0.196        | 28.13         | 0.65013     | 1                |
| 1710.7MHz_RB 1,#RB M             | Pass   | 5.20        | 22.91           | 22.91          | 0.195        | 28.11         | 0.64714     | 1                |
| 1710.7MHz_RB 1,#RB H             | Pass   | 5.20        | 22.86           | 22.86          | 0.193        | 28.06         | 0.63973     | 1                |
| 1710.7MHz_RB 3,#RB L             | Pass   | 5.20        | 22.94           | 22.94          | 0.197        | 28.14         | 0.65163     | 1                |
| 1710.7MHz_RB 3,#RB M             | Pass   | 5.20        | 22.93           | 22.93          | 0.196        | 28.13         | 0.65013     | 1                |
| 1710.7MHz_RB 3,#RB H             | Pass   | 5.20        | 22.85           | 22.85          | 0.193        | 28.05         | 0.63826     | 1                |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 5.20        | 21.03           | 21.03          | 0.127        | 26.23         | 0.41976     | 1                |
| 1732.5MHz_RB 1,#RB L             | Pass   | 5.20        | 22.23           | 22.23          | 0.167        | 27.43         | 0.55335     | 1                |
| 1732.5MHz_RB 1,#RB M             | Pass   | 5.20        | 22.25           | 22.25          | 0.168        | 27.45         | 0.55590     | 1                |
| 1732.5MHz_RB 1,#RB H             | Pass   | 5.20        | 22.26           | 22.26          | 0.168        | 27.46         | 0.55719     | 1                |
| 1732.5MHz_RB 3,#RB L             | Pass   | 5.20        | 22.00           | 22.00          | 0.158        | 27.20         | 0.52481     | 1                |
| 1732.5MHz_RB 3,#RB M             | Pass   | 5.20        | 22.15           | 22.15          | 0.164        | 27.35         | 0.54325     | 1                |
| 1732.5MHz_RB 3,#RB H             | Pass   | 5.20        | 22.07           | 22.07          | 0.161        | 27.27         | 0.53333     | 1                |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 5.20        | 20.27           | 20.27          | 0.106        | 25.47         | 0.35237     | 1                |
| 1754.3MHz_RB 1,#RB L             | Pass   | 5.20        | 21.49           | 21.49          | 0.141        | 26.69         | 0.46666     | 1                |
| 1754.3MHz_RB 1,#RB M             | Pass   | 5.20        | 21.47           | 21.47          | 0.140        | 26.67         | 0.46452     | 1                |
| 1754.3MHz_RB 1,#RB H             | Pass   | 5.20        | 21.52           | 21.52          | 0.142        | 26.72         | 0.46989     | 1                |
| 1754.3MHz_RB 3,#RB L             | Pass   | 5.20        | 21.20           | 21.20          | 0.132        | 26.40         | 0.43652     | 1                |
| 1754.3MHz_RB 3,#RB M             | Pass   | 5.20        | 21.41           | 21.41          | 0.138        | 26.61         | 0.45814     | 1                |
| 1754.3MHz_RB 3,#RB H             | Pass   | 5.20        | 21.23           | 21.23          | 0.133        | 26.43         | 0.43954     | 1                |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 5.20        | 20.95           | 20.95          | 0.124        | 26.15         | 0.41210     | 1                |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5.20        | 22.16           | 22.16          | 0.164        | 27.36         | 0.54450     | 1                |
| 1710.7MHz_RB 1,#RB M             | Pass   | 5.20        | 22.15           | 22.15          | 0.164        | 27.35         | 0.54325     | 1                |
| 1710.7MHz_RB 1,#RB H             | Pass   | 5.20        | 22.09           | 22.09          | 0.162        | 27.29         | 0.53580     | 1                |
| 1710.7MHz_RB 3,#RB L             | Pass   | 5.20        | 21.98           | 21.98          | 0.158        | 27.18         | 0.52240     | 1                |
| 1710.7MHz_RB 3,#RB M             | Pass   | 5.20        | 21.94           | 21.94          | 0.156        | 27.14         | 0.51761     | 1                |
| 1710.7MHz_RB 3,#RB H             | Pass   | 5.20        | 21.87           | 21.87          | 0.154        | 27.07         | 0.50933     | 1                |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 5.20        | 20.14           | 20.14          | 0.103        | 25.34         | 0.34198     | 1                |
| 1732.5MHz_RB 1,#RB L             | Pass   | 5.20        | 21.42           | 21.42          | 0.139        | 26.62         | 0.45920     | 1                |
| 1732.5MHz_RB 1,#RB M             | Pass   | 5.20        | 21.47           | 21.47          | 0.140        | 26.67         | 0.46452     | 1                |
| 1732.5MHz_RB 1,#RB H             | Pass   | 5.20        | 21.49           | 21.49          | 0.141        | 26.69         | 0.46666     | 1                |
| 1732.5MHz_RB 3,#RB L             | Pass   | 5.20        | 21.16           | 21.16          | 0.131        | 26.36         | 0.43251     | 1                |
| 1732.5MHz_RB 3,#RB M             | Pass   | 5.20        | 21.22           | 21.22          | 0.132        | 26.42         | 0.43853     | 1                |
| 1732.5MHz_RB 3,#RB H             | Pass   | 5.20        | 21.15           | 21.15          | 0.130        | 26.35         | 0.43152     | 1                |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 5.20        | 19.43           | 19.43          | 0.088        | 24.63         | 0.29040     | 1                |
| 1754.3MHz_RB 1,#RB L             | Pass   | 5.20        | 20.69           | 20.69          | 0.117        | 25.89         | 0.38815     | 1                |
| 1754.3MHz_RB 1,#RB M             | Pass   | 5.20        | 20.68           | 20.68          | 0.117        | 25.88         | 0.38726     | 1                |
| 1754.3MHz_RB 1,#RB H             | Pass   | 5.20        | 20.74           | 20.74          | 0.119        | 25.94         | 0.39264     | 1                |
| 1754.3MHz_RB 3,#RB L             | Pass   | 5.20        | 20.38           | 20.38          | 0.109        | 25.58         | 0.36141     | 1                |
| 1754.3MHz_RB 3,#RB M             | Pass   | 5.20        | 20.48           | 20.48          | 0.112        | 25.68         | 0.36983     | 1                |
| 1754.3MHz_RB 3,#RB H             | Pass   | 5.20        | 20.41           | 20.41          | 0.110        | 25.61         | 0.36392     | 1                |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX    | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0            | Pass   | 5.20        | 21.89           | 21.89          | 0.155        | 27.09         | 0.51168     | 1                |
| 1711.5MHz_RB 1,#RB L             | Pass   | 5.20        | 22.82           | 22.82          | 0.191        | 28.02         | 0.63387     | 1                |
| 1711.5MHz_RB 1,#RB M             | Pass   | 5.20        | 22.96           | 22.96          | 0.198        | 28.16         | 0.65464     | 1                |



## Average Power Results

## Appendix A.5

| 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 1,#RB H           | Pass   | 5.20        | 22.81           | 22.81          | 0.191        | 28.01         | 0.63241     | 1                |
| 1711.5MHz_RB 8,#RB L           | Pass   | 5.20        | 21.84           | 21.84          | 0.153        | 27.04         | 0.50582     | 1                |
| 1711.5MHz_RB 8,#RB M           | Pass   | 5.20        | 21.92           | 21.92          | 0.156        | 27.12         | 0.51523     | 1                |
| 1711.5MHz_RB 8,#RB H           | Pass   | 5.20        | 21.91           | 21.91          | 0.155        | 27.11         | 0.51404     | 1                |
| 1732.5MHz_RB 15,#RB 0          | Pass   | 5.20        | 21.23           | 21.23          | 0.133        | 26.43         | 0.43954     | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.20        | 22.39           | 22.39          | 0.173        | 27.59         | 0.57412     | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.20        | 22.25           | 22.25          | 0.168        | 27.45         | 0.55590     | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.20        | 22.21           | 22.21          | 0.166        | 27.41         | 0.55081     | 1                |
| 1732.5MHz_RB 8,#RB L           | Pass   | 5.20        | 21.18           | 21.18          | 0.131        | 26.38         | 0.43451     | 1                |
| 1732.5MHz_RB 8,#RB M           | Pass   | 5.20        | 21.20           | 21.20          | 0.132        | 26.40         | 0.43652     | 1                |
| 1732.5MHz_RB 8,#RB H           | Pass   | 5.20        | 21.16           | 21.16          | 0.131        | 26.36         | 0.43251     | 1                |
| 1753.5MHz_RB 15,#RB 0          | Pass   | 5.20        | 20.43           | 20.43          | 0.110        | 25.63         | 0.36559     | 1                |
| 1753.5MHz_RB 1,#RB L           | Pass   | 5.20        | 21.45           | 21.45          | 0.140        | 26.65         | 0.46238     | 1                |
| 1753.5MHz_RB 1,#RB M           | Pass   | 5.20        | 21.35           | 21.35          | 0.136        | 26.55         | 0.45186     | 1                |
| 1753.5MHz_RB 1,#RB H           | Pass   | 5.20        | 21.24           | 21.24          | 0.133        | 26.44         | 0.44055     | 1                |
| 1753.5MHz_RB 8,#RB L           | Pass   | 5.20        | 20.52           | 20.52          | 0.113        | 25.72         | 0.37325     | 1                |
| 1753.5MHz_RB 8,#RB M           | Pass   | 5.20        | 20.37           | 20.37          | 0.109        | 25.57         | 0.36058     | 1                |
| 1753.5MHz_RB 8,#RB H           | Pass   | 5.20        | 20.24           | 20.24          | 0.106        | 25.44         | 0.34995     | 1                |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1711.5MHz_RB 15,#RB 0          | Pass   | 5.20        | 20.81           | 20.81          | 0.121        | 26.01         | 0.39902     | 1                |
| 1711.5MHz_RB 1,#RB L           | Pass   | 5.20        | 22.04           | 22.04          | 0.160        | 27.24         | 0.52966     | 1                |
| 1711.5MHz_RB 1,#RB M           | Pass   | 5.20        | 22.17           | 22.17          | 0.165        | 27.37         | 0.54576     | 1                |
| 1711.5MHz_RB 1,#RB H           | Pass   | 5.20        | 21.95           | 21.95          | 0.157        | 27.15         | 0.51880     | 1                |
| 1711.5MHz_RB 8,#RB L           | Pass   | 5.20        | 20.92           | 20.92          | 0.124        | 26.12         | 0.40926     | 1                |
| 1711.5MHz_RB 8,#RB M           | Pass   | 5.20        | 20.97           | 20.97          | 0.125        | 26.17         | 0.41400     | 1                |
| 1711.5MHz_RB 8,#RB H           | Pass   | 5.20        | 20.98           | 20.98          | 0.125        | 26.18         | 0.41495     | 1                |
| 1732.5MHz_RB 15,#RB 0          | Pass   | 5.20        | 20.14           | 20.14          | 0.103        | 25.34         | 0.34198     | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.20        | 21.48           | 21.48          | 0.141        | 26.68         | 0.46559     | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.20        | 21.48           | 21.48          | 0.141        | 26.68         | 0.46559     | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.20        | 21.36           | 21.36          | 0.137        | 26.56         | 0.45290     | 1                |
| 1732.5MHz_RB 8,#RB L           | Pass   | 5.20        | 20.21           | 20.21          | 0.105        | 25.41         | 0.34754     | 1                |
| 1732.5MHz_RB 8,#RB M           | Pass   | 5.20        | 20.23           | 20.23          | 0.105        | 25.43         | 0.34914     | 1                |
| 1732.5MHz_RB 8,#RB H           | Pass   | 5.20        | 20.23           | 20.23          | 0.105        | 25.43         | 0.34914     | 1                |
| 1753.5MHz_RB 15,#RB 0          | Pass   | 5.20        | 19.40           | 19.40          | 0.087        | 24.60         | 0.28840     | 1                |
| 1753.5MHz_RB 1,#RB L           | Pass   | 5.20        | 20.76           | 20.76          | 0.119        | 25.96         | 0.39446     | 1                |
| 1753.5MHz_RB 1,#RB M           | Pass   | 5.20        | 20.63           | 20.63          | 0.116        | 25.83         | 0.38282     | 1                |
| 1753.5MHz_RB 1,#RB H           | Pass   | 5.20        | 20.52           | 20.52          | 0.113        | 25.72         | 0.37325     | 1                |
| 1753.5MHz_RB 8,#RB L           | Pass   | 5.20        | 19.52           | 19.52          | 0.090        | 24.72         | 0.29648     | 1                |
| 1753.5MHz_RB 8,#RB M           | Pass   | 5.20        | 19.49           | 19.49          | 0.089        | 24.69         | 0.29444     | 1                |
| 1753.5MHz_RB 8,#RB H           | Pass   | 5.20        | 19.32           | 19.32          | 0.086        | 24.52         | 0.28314     | 1                |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 21.79           | 21.79          | 0.151        | 26.99         | 0.50003     | 1                |
| 1712.5MHz_RB 1,#RB L           | Pass   | 5.20        | 23.19           | 23.19          | 0.208        | 28.39         | 0.69024     | 1                |
| 1712.5MHz_RB 1,#RB M           | Pass   | 5.20        | 23.00           | 23.00          | 0.200        | 28.20         | 0.66069     | 1                |
| 1712.5MHz_RB 1,#RB H           | Pass   | 5.20        | 22.85           | 22.85          | 0.193        | 28.05         | 0.63826     | 1                |
| 1712.5MHz_RB 12,#RB L          | Pass   | 5.20        | 21.85           | 21.85          | 0.153        | 27.05         | 0.50699     | 1                |
| 1712.5MHz_RB 12,#RB M          | Pass   | 5.20        | 21.82           | 21.82          | 0.152        | 27.02         | 0.50350     | 1                |
| 1712.5MHz_RB 12,#RB H          | Pass   | 5.20        | 21.73           | 21.73          | 0.149        | 26.93         | 0.49317     | 1                |
| 1732.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 21.21           | 21.21          | 0.132        | 26.41         | 0.43752     | 1                |



## Average Power Results

## Appendix A.5

| 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   | 5.20        | 22.47           | 22.47          | 0.177        | 27.67         | 0.58479     | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.20        | 22.46           | 22.46          | 0.176        | 27.66         | 0.58345     | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.20        | 22.22           | 22.22          | 0.167        | 27.42         | 0.55208     | 1                |
| 1732.5MHz_RB 12,#RB L          | Pass   | 5.20        | 21.22           | 21.22          | 0.132        | 26.42         | 0.43853     | 1                |
| 1732.5MHz_RB 12,#RB M          | Pass   | 5.20        | 21.18           | 21.18          | 0.131        | 26.38         | 0.43451     | 1                |
| 1732.5MHz_RB 12,#RB H          | Pass   | 5.20        | 21.09           | 21.09          | 0.129        | 26.29         | 0.42560     | 1                |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 20.42           | 20.42          | 0.110        | 25.62         | 0.36475     | 1                |
| 1752.5MHz_RB 1,#RB L           | Pass   | 5.20        | 21.68           | 21.68          | 0.147        | 26.88         | 0.48753     | 1                |
| 1752.5MHz_RB 1,#RB M           | Pass   | 5.20        | 21.61           | 21.61          | 0.145        | 26.81         | 0.47973     | 1                |
| 1752.5MHz_RB 1,#RB H           | Pass   | 5.20        | 21.41           | 21.41          | 0.138        | 26.61         | 0.45814     | 1                |
| 1752.5MHz_RB 12,#RB L          | Pass   | 5.20        | 20.43           | 20.43          | 0.110        | 25.63         | 0.36559     | 1                |
| 1752.5MHz_RB 12,#RB M          | Pass   | 5.20        | 20.44           | 20.44          | 0.111        | 25.64         | 0.36644     | 1                |
| 1752.5MHz_RB 12,#RB H          | Pass   | 5.20        | 20.32           | 20.32          | 0.108        | 25.52         | 0.35645     | 1                |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1712.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 20.78           | 20.78          | 0.120        | 25.98         | 0.39628     | 1                |
| 1712.5MHz_RB 1,#RB L           | Pass   | 5.20        | 22.33           | 22.33          | 0.171        | 27.53         | 0.56624     | 1                |
| 1712.5MHz_RB 1,#RB M           | Pass   | 5.20        | 22.13           | 22.13          | 0.163        | 27.33         | 0.54075     | 1                |
| 1712.5MHz_RB 1,#RB H           | Pass   | 5.20        | 22.15           | 22.15          | 0.164        | 27.35         | 0.54325     | 1                |
| 1712.5MHz_RB 12,#RB L          | Pass   | 5.20        | 20.90           | 20.90          | 0.123        | 26.10         | 0.40738     | 1                |
| 1712.5MHz_RB 12,#RB M          | Pass   | 5.20        | 20.81           | 20.81          | 0.121        | 26.01         | 0.39902     | 1                |
| 1712.5MHz_RB 12,#RB H          | Pass   | 5.20        | 20.76           | 20.76          | 0.119        | 25.96         | 0.39446     | 1                |
| 1732.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 20.19           | 20.19          | 0.104        | 25.39         | 0.34594     | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.20        | 21.53           | 21.53          | 0.142        | 26.73         | 0.47098     | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.20        | 21.57           | 21.57          | 0.144        | 26.77         | 0.47534     | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.20        | 21.33           | 21.33          | 0.136        | 26.53         | 0.44978     | 1                |
| 1732.5MHz_RB 12,#RB L          | Pass   | 5.20        | 20.24           | 20.24          | 0.106        | 25.44         | 0.34995     | 1                |
| 1732.5MHz_RB 12,#RB M          | Pass   | 5.20        | 20.18           | 20.18          | 0.104        | 25.38         | 0.34514     | 1                |
| 1732.5MHz_RB 12,#RB H          | Pass   | 5.20        | 20.08           | 20.08          | 0.102        | 25.28         | 0.33729     | 1                |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 5.20        | 19.41           | 19.41          | 0.087        | 24.61         | 0.28907     | 1                |
| 1752.5MHz_RB 1,#RB L           | Pass   | 5.20        | 20.89           | 20.89          | 0.123        | 26.09         | 0.40644     | 1                |
| 1752.5MHz_RB 1,#RB M           | Pass   | 5.20        | 20.79           | 20.79          | 0.120        | 25.99         | 0.39719     | 1                |
| 1752.5MHz_RB 1,#RB H           | Pass   | 5.20        | 20.62           | 20.62          | 0.115        | 25.82         | 0.38194     | 1                |
| 1752.5MHz_RB 12,#RB L          | Pass   | 5.20        | 19.44           | 19.44          | 0.088        | 24.64         | 0.29107     | 1                |
| 1752.5MHz_RB 12,#RB M          | Pass   | 5.20        | 19.46           | 19.46          | 0.088        | 24.66         | 0.29242     | 1                |
| 1752.5MHz_RB 12,#RB H          | Pass   | 5.20        | 19.38           | 19.38          | 0.087        | 24.58         | 0.28708     | 1                |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0            | Pass   | 5.20        | 21.88           | 21.88          | 0.154        | 27.08         | 0.51050     | 1                |
| 1715MHz_RB 1,#RB L             | Pass   | 5.20        | 23.45           | 23.45          | 0.221        | 28.65         | 0.73282     | 1                |
| 1715MHz_RB 1,#RB M             | Pass   | 5.20        | 22.99           | 22.99          | 0.199        | 28.19         | 0.65917     | 1                |
| 1715MHz_RB 1,#RB H             | Pass   | 5.20        | 22.84           | 22.84          | 0.192        | 28.04         | 0.63680     | 1                |
| 1715MHz_RB 25,#RB L            | Pass   | 5.20        | 21.94           | 21.94          | 0.156        | 27.14         | 0.51761     | 1                |
| 1715MHz_RB 25,#RB M            | Pass   | 5.20        | 21.80           | 21.80          | 0.151        | 27.00         | 0.50119     | 1                |
| 1715MHz_RB 25,#RB H            | Pass   | 5.20        | 21.65           | 21.65          | 0.146        | 26.85         | 0.48417     | 1                |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 5.20        | 21.33           | 21.33          | 0.136        | 26.53         | 0.44978     | 1                |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5.20        | 22.94           | 22.94          | 0.197        | 28.14         | 0.65163     | 1                |
| 1732.5MHz_RB 1,#RB M           | Pass   | 5.20        | 22.46           | 22.46          | 0.176        | 27.66         | 0.58345     | 1                |
| 1732.5MHz_RB 1,#RB H           | Pass   | 5.20        | 22.30           | 22.30          | 0.170        | 27.50         | 0.56234     | 1                |
| 1732.5MHz_RB 25,#RB L          | Pass   | 5.20        | 21.38           | 21.38          | 0.137        | 26.58         | 0.45499     | 1                |
| 1732.5MHz_RB 25,#RB M          | Pass   | 5.20        | 21.25           | 21.25          | 0.133        | 26.45         | 0.44157     | 1                |



## Average Power Results

## Appendix A.5

| 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 25,#RB H           | Pass   | 5.20        | 21.10           | 21.10          | 0.129        | 26.30         | 0.42658     | 1                |
| 1750MHz_RB 50,#RB 0             | Pass   | 5.20        | 20.60           | 20.60          | 0.115        | 25.80         | 0.38019     | 1                |
| 1750MHz_RB 1,#RB L              | Pass   | 5.20        | 22.18           | 22.18          | 0.165        | 27.38         | 0.54702     | 1                |
| 1750MHz_RB 1,#RB M              | Pass   | 5.20        | 21.74           | 21.74          | 0.149        | 26.94         | 0.49431     | 1                |
| 1750MHz_RB 1,#RB H              | Pass   | 5.20        | 21.64           | 21.64          | 0.146        | 26.84         | 0.48306     | 1                |
| 1750MHz_RB 25,#RB L             | Pass   | 5.20        | 20.77           | 20.77          | 0.119        | 25.97         | 0.39537     | 1                |
| 1750MHz_RB 25,#RB M             | Pass   | 5.20        | 20.64           | 20.64          | 0.116        | 25.84         | 0.38371     | 1                |
| 1750MHz_RB 25,#RB H             | Pass   | 5.20        | 20.49           | 20.49          | 0.112        | 25.69         | 0.37068     | 1                |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1715MHz_RB 50,#RB 0             | Pass   | 5.20        | 20.85           | 20.85          | 0.122        | 26.05         | 0.40272     | 1                |
| 1715MHz_RB 1,#RB L              | Pass   | 5.20        | 22.54           | 22.54          | 0.179        | 27.74         | 0.59429     | 1                |
| 1715MHz_RB 1,#RB M              | Pass   | 5.20        | 22.04           | 22.04          | 0.160        | 27.24         | 0.52966     | 1                |
| 1715MHz_RB 1,#RB H              | Pass   | 5.20        | 22.04           | 22.04          | 0.160        | 27.24         | 0.52966     | 1                |
| 1715MHz_RB 25,#RB L             | Pass   | 5.20        | 20.96           | 20.96          | 0.125        | 26.16         | 0.41305     | 1                |
| 1715MHz_RB 25,#RB M             | Pass   | 5.20        | 20.79           | 20.79          | 0.120        | 25.99         | 0.39719     | 1                |
| 1715MHz_RB 25,#RB H             | Pass   | 5.20        | 20.68           | 20.68          | 0.117        | 25.88         | 0.38726     | 1                |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 5.20        | 20.26           | 20.26          | 0.106        | 25.46         | 0.35156     | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.20        | 21.96           | 21.96          | 0.157        | 27.16         | 0.52000     | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.20        | 21.55           | 21.55          | 0.143        | 26.75         | 0.47315     | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.20        | 21.34           | 21.34          | 0.136        | 26.54         | 0.45082     | 1                |
| 1732.5MHz_RB 25,#RB L           | Pass   | 5.20        | 20.35           | 20.35          | 0.108        | 25.55         | 0.35892     | 1                |
| 1732.5MHz_RB 25,#RB M           | Pass   | 5.20        | 20.23           | 20.23          | 0.105        | 25.43         | 0.34914     | 1                |
| 1732.5MHz_RB 25,#RB H           | Pass   | 5.20        | 20.04           | 20.04          | 0.101        | 25.24         | 0.33420     | 1                |
| 1750MHz_RB 50,#RB 0             | Pass   | 5.20        | 19.63           | 19.63          | 0.092        | 24.83         | 0.30409     | 1                |
| 1750MHz_RB 1,#RB L              | Pass   | 5.20        | 21.40           | 21.40          | 0.138        | 26.60         | 0.45709     | 1                |
| 1750MHz_RB 1,#RB M              | Pass   | 5.20        | 20.87           | 20.87          | 0.122        | 26.07         | 0.40458     | 1                |
| 1750MHz_RB 1,#RB H              | Pass   | 5.20        | 20.76           | 20.76          | 0.119        | 25.96         | 0.39446     | 1                |
| 1750MHz_RB 25,#RB L             | Pass   | 5.20        | 19.80           | 19.80          | 0.095        | 25.00         | 0.31623     | 1                |
| 1750MHz_RB 25,#RB M             | Pass   | 5.20        | 19.64           | 19.64          | 0.092        | 24.84         | 0.30479     | 1                |
| 1750MHz_RB 25,#RB H             | Pass   | 5.20        | 19.48           | 19.48          | 0.089        | 24.68         | 0.29376     | 1                |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 21.92           | 21.92          | 0.156        | 27.12         | 0.51523     | 1                |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.86           | 18.86          | 0.077        | 24.06         | 0.25468     | 1                |
| 1717.5MHz_RB 1,#RB M            | Pass   | 5.20        | 22.99           | 22.99          | 0.199        | 28.19         | 0.65917     | 1                |
| 1717.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.69           | 18.69          | 0.074        | 23.89         | 0.24491     | 1                |
| 1717.5MHz_RB 36,#RB L           | Pass   | 5.20        | 22.21           | 22.21          | 0.166        | 27.41         | 0.55081     | 1                |
| 1717.5MHz_RB 36,#RB M           | Pass   | 5.20        | 21.95           | 21.95          | 0.157        | 27.15         | 0.51880     | 1                |
| 1717.5MHz_RB 36,#RB H           | Pass   | 5.20        | 21.67           | 21.67          | 0.147        | 26.87         | 0.48641     | 1                |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 21.55           | 21.55          | 0.143        | 26.75         | 0.47315     | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.82           | 18.82          | 0.076        | 24.02         | 0.25235     | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.20        | 22.66           | 22.66          | 0.185        | 27.86         | 0.61094     | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.65           | 18.65          | 0.073        | 23.85         | 0.24266     | 1                |
| 1732.5MHz_RB 36,#RB L           | Pass   | 5.20        | 21.79           | 21.79          | 0.151        | 26.99         | 0.50003     | 1                |
| 1732.5MHz_RB 36,#RB M           | Pass   | 5.20        | 21.52           | 21.52          | 0.142        | 26.72         | 0.46989     | 1                |
| 1732.5MHz_RB 36,#RB H           | Pass   | 5.20        | 21.34           | 21.34          | 0.136        | 26.54         | 0.45082     | 1                |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 21.13           | 21.13          | 0.130        | 26.33         | 0.42954     | 1                |
| 1747.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.72           | 18.72          | 0.074        | 23.92         | 0.24660     | 1                |
| 1747.5MHz_RB 1,#RB M            | Pass   | 5.20        | 22.00           | 22.00          | 0.158        | 27.20         | 0.52481     | 1                |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.53           | 18.53          | 0.071        | 23.73         | 0.23605     | 1                |



## Average Power Results

## Appendix A.5

| 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) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|---------------|-------------|------------------|
| 1747.5MHz_RB 36,#RB L           | Pass   | 5.20        | 21.35           | 21.35          | 0.136        | 26.55         | 0.45186     | 1                |
| 1747.5MHz_RB 36,#RB M           | Pass   | 5.20        | 20.99           | 20.99          | 0.126        | 26.19         | 0.41591     | 1                |
| 1747.5MHz_RB 36,#RB H           | Pass   | 5.20        | 20.77           | 20.77          | 0.119        | 25.97         | 0.39537     | 1                |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 20.93           | 20.93          | 0.124        | 26.13         | 0.41020     | 1                |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.55           | 18.55          | 0.072        | 23.75         | 0.23714     | 1                |
| 1717.5MHz_RB 1,#RB M            | Pass   | 5.20        | 22.18           | 22.18          | 0.165        | 27.38         | 0.54702     | 1                |
| 1717.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.34           | 18.34          | 0.068        | 23.54         | 0.22594     | 1                |
| 1717.5MHz_RB 36,#RB L           | Pass   | 5.20        | 21.21           | 21.21          | 0.132        | 26.41         | 0.43752     | 1                |
| 1717.5MHz_RB 36,#RB M           | Pass   | 5.20        | 20.94           | 20.94          | 0.124        | 26.14         | 0.41115     | 1                |
| 1717.5MHz_RB 36,#RB H           | Pass   | 5.20        | 20.64           | 20.64          | 0.116        | 25.84         | 0.38371     | 1                |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 20.64           | 20.64          | 0.116        | 25.84         | 0.38371     | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.45           | 18.45          | 0.070        | 23.65         | 0.23174     | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.20        | 21.62           | 21.62          | 0.145        | 26.82         | 0.48084     | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.18           | 18.18          | 0.066        | 23.38         | 0.21777     | 1                |
| 1732.5MHz_RB 36,#RB L           | Pass   | 5.20        | 20.79           | 20.79          | 0.120        | 25.99         | 0.39719     | 1                |
| 1732.5MHz_RB 36,#RB M           | Pass   | 5.20        | 20.50           | 20.50          | 0.112        | 25.70         | 0.37154     | 1                |
| 1732.5MHz_RB 36,#RB H           | Pass   | 5.20        | 20.33           | 20.33          | 0.108        | 25.53         | 0.35727     | 1                |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 5.20        | 20.13           | 20.13          | 0.103        | 25.33         | 0.34119     | 1                |
| 1747.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.29           | 18.29          | 0.067        | 23.49         | 0.22336     | 1                |
| 1747.5MHz_RB 1,#RB M            | Pass   | 5.20        | 21.18           | 21.18          | 0.131        | 26.38         | 0.43451     | 1                |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.03           | 18.03          | 0.064        | 23.23         | 0.21038     | 1                |
| 1747.5MHz_RB 36,#RB L           | Pass   | 5.20        | 20.33           | 20.33          | 0.108        | 25.53         | 0.35727     | 1                |
| 1747.5MHz_RB 36,#RB M           | Pass   | 5.20        | 19.98           | 19.98          | 0.100        | 25.18         | 0.32961     | 1                |
| 1747.5MHz_RB 36,#RB H           | Pass   | 5.20        | 19.77           | 19.77          | 0.095        | 24.97         | 0.31405     | 1                |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0            | Pass   | 5.20        | 21.87           | 21.87          | 0.154        | 27.07         | 0.50933     | 1                |
| 1720MHz_RB 1,#RB L              | Pass   | 5.20        | 18.82           | 18.82          | 0.076        | 24.02         | 0.25235     | 1                |
| 1720MHz_RB 1,#RB M              | Pass   | 5.20        | 22.71           | 22.71          | 0.187        | 27.91         | 0.61802     | 1                |
| 1720MHz_RB 1,#RB H              | Pass   | 5.20        | 18.59           | 18.59          | 0.072        | 23.79         | 0.23933     | 1                |
| 1720MHz_RB 50,#RB L             | Pass   | 5.20        | 22.20           | 22.20          | 0.166        | 27.40         | 0.54954     | 1                |
| 1720MHz_RB 50,#RB M             | Pass   | 5.20        | 21.80           | 21.80          | 0.151        | 27.00         | 0.50119     | 1                |
| 1720MHz_RB 50,#RB H             | Pass   | 5.20        | 21.59           | 21.59          | 0.144        | 26.79         | 0.47753     | 1                |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 5.20        | 21.57           | 21.57          | 0.144        | 26.77         | 0.47534     | 1                |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5.20        | 18.77           | 18.77          | 0.075        | 23.97         | 0.24946     | 1                |
| 1732.5MHz_RB 1,#RB M            | Pass   | 5.20        | 22.61           | 22.61          | 0.182        | 27.81         | 0.60395     | 1                |
| 1732.5MHz_RB 1,#RB H            | Pass   | 5.20        | 18.61           | 18.61          | 0.073        | 23.81         | 0.24044     | 1                |
| 1732.5MHz_RB 50,#RB L           | Pass   | 5.20        | 21.93           | 21.93          | 0.156        | 27.13         | 0.51642     | 1                |
| 1732.5MHz_RB 50,#RB M           | Pass   | 5.20        | 21.52           | 21.52          | 0.142        | 26.72         | 0.46989     | 1                |
| 1732.5MHz_RB 50,#RB H           | Pass   | 5.20        | 21.29           | 21.29          | 0.135        | 26.49         | 0.44566     | 1                |
| 1745MHz_RB 100,#RB 0            | Pass   | 5.20        | 21.32           | 21.32          | 0.136        | 26.52         | 0.44875     | 1                |
| 1745MHz_RB 1,#RB L              | Pass   | 5.20        | 18.75           | 18.75          | 0.075        | 23.95         | 0.24831     | 1                |
| 1745MHz_RB 1,#RB M              | Pass   | 5.20        | 22.00           | 22.00          | 0.158        | 27.20         | 0.52481     | 1                |
| 1745MHz_RB 1,#RB H              | Pass   | 5.20        | 18.46           | 18.46          | 0.070        | 23.66         | 0.23227     | 1                |
| 1745MHz_RB 50,#RB L             | Pass   | 5.20        | 21.56           | 21.56          | 0.143        | 26.76         | 0.47424     | 1                |
| 1745MHz_RB 50,#RB M             | Pass   | 5.20        | 21.06           | 21.06          | 0.128        | 26.26         | 0.42267     | 1                |
| 1745MHz_RB 50,#RB H             | Pass   | 5.20        | 20.80           | 20.80          | 0.120        | 26.00         | 0.39811     | 1                |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -             | -           | -                |
| 1720MHz_RB 100,#RB 0            | Pass   | 5.20        | 20.88           | 20.88          | 0.122        | 26.08         | 0.40551     | 1                |



## Average Power Results

## Appendix A.5

| 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 1,#RB L     | Pass   | 5.20        | 18.59           | 18.59          | 0.072        | 23.79         | 0.23933     | 1                |
| 1720MHz_RB 1,#RB M     | Pass   | 5.20        | 21.98           | 21.98          | 0.158        | 27.18         | 0.52240     | 1                |
| 1720MHz_RB 1,#RB H     | Pass   | 5.20        | 18.21           | 18.21          | 0.066        | 23.41         | 0.21928     | 1                |
| 1720MHz_RB 50,#RB L    | Pass   | 5.20        | 21.16           | 21.16          | 0.131        | 26.36         | 0.43251     | 1                |
| 1720MHz_RB 50,#RB M    | Pass   | 5.20        | 20.78           | 20.78          | 0.120        | 25.98         | 0.39628     | 1                |
| 1720MHz_RB 50,#RB H    | Pass   | 5.20        | 20.56           | 20.56          | 0.114        | 25.76         | 0.37670     | 1                |
| 1732.5MHz_RB 100,#RB 0 | Pass   | 5.20        | 20.63           | 20.63          | 0.116        | 25.83         | 0.38282     | 1                |
| 1732.5MHz_RB 1,#RB L   | Pass   | 5.20        | 18.48           | 18.48          | 0.070        | 23.68         | 0.23335     | 1                |
| 1732.5MHz_RB 1,#RB M   | Pass   | 5.20        | 21.58           | 21.58          | 0.144        | 26.78         | 0.47643     | 1                |
| 1732.5MHz_RB 1,#RB H   | Pass   | 5.20        | 18.14           | 18.14          | 0.065        | 23.34         | 0.21577     | 1                |
| 1732.5MHz_RB 50,#RB L  | Pass   | 5.20        | 20.84           | 20.84          | 0.121        | 26.04         | 0.40179     | 1                |
| 1732.5MHz_RB 50,#RB M  | Pass   | 5.20        | 20.45           | 20.45          | 0.111        | 25.65         | 0.36728     | 1                |
| 1732.5MHz_RB 50,#RB H  | Pass   | 5.20        | 20.26           | 20.26          | 0.106        | 25.46         | 0.35156     | 1                |
| 1745MHz_RB 100,#RB 0   | Pass   | 5.20        | 20.24           | 20.24          | 0.106        | 25.44         | 0.34995     | 1                |
| 1745MHz_RB 1,#RB L     | Pass   | 5.20        | 18.40           | 18.40          | 0.069        | 23.60         | 0.22909     | 1                |
| 1745MHz_RB 1,#RB M     | Pass   | 5.20        | 21.27           | 21.27          | 0.134        | 26.47         | 0.44361     | 1                |
| 1745MHz_RB 1,#RB H     | Pass   | 5.20        | 18.06           | 18.06          | 0.064        | 23.26         | 0.21184     | 1                |
| 1745MHz_RB 50,#RB L    | Pass   | 5.20        | 20.56           | 20.56          | 0.114        | 25.76         | 0.37670     | 1                |
| 1745MHz_RB 50,#RB M    | Pass   | 5.20        | 20.10           | 20.10          | 0.102        | 25.30         | 0.33884     | 1                |
| 1745MHz_RB 50,#RB H    | Pass   | 5.20        | 19.81           | 19.81          | 0.096        | 25.01         | 0.31696     | 1                |

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



<Mode 6> EUT 2 + LTE Band 5 Link

**Summary**

| Mode                      | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------------|----------------|--------------|--------------|------------|
| Band 5                    | -              | -            | -            | -          |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.87          | 0.194        | 24.62        | 0.290      |
| LTE_10MHz_Nss1,16QAM_1TX  | 22.16          | 0.164        | 23.91        | 0.246      |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.71          | 0.187        | 24.46        | 0.279      |
| LTE_5MHz_Nss1,16QAM_1TX   | 22.00          | 0.158        | 23.75        | 0.237      |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.49          | 0.177        | 24.24        | 0.265      |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.72          | 0.149        | 23.47        | 0.222      |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.33          | 0.171        | 24.08        | 0.256      |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.62          | 0.145        | 23.37        | 0.217      |



## Average Power Results

## Appendix A.6

### 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_10MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 829MHz_RB 50,#RB 0              | Pass   | 3.90        | 21.60           | 21.60          | 0.145        | 23.35        | 0.216      | 7               |
| 829MHz_RB 1,#RB L               | Pass   | 3.90        | 22.44           | 22.44          | 0.175        | 24.19        | 0.262      | 7               |
| 829MHz_RB 1,#RB M               | Pass   | 3.90        | 22.81           | 22.81          | 0.191        | 24.56        | 0.286      | 7               |
| 829MHz_RB 1,#RB H               | Pass   | 3.90        | 22.72           | 22.72          | 0.187        | 24.47        | 0.280      | 7               |
| 829MHz_RB 25,#RB L              | Pass   | 3.90        | 21.39           | 21.39          | 0.138        | 23.14        | 0.206      | 7               |
| 829MHz_RB 25,#RB M              | Pass   | 3.90        | 21.70           | 21.70          | 0.148        | 23.45        | 0.221      | 7               |
| 829MHz_RB 25,#RB H              | Pass   | 3.90        | 21.70           | 21.70          | 0.148        | 23.45        | 0.221      | 7               |
| 836.5MHz_RB 50,#RB 0            | Pass   | 3.90        | 21.32           | 21.32          | 0.136        | 23.07        | 0.203      | 7               |
| 836.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.87           | 22.87          | 0.194        | 24.62        | 0.290      | 7               |
| 836.5MHz_RB 1,#RB M             | Pass   | 3.90        | 22.48           | 22.48          | 0.177        | 24.23        | 0.265      | 7               |
| 836.5MHz_RB 1,#RB H             | Pass   | 3.90        | 22.33           | 22.33          | 0.171        | 24.08        | 0.256      | 7               |
| 836.5MHz_RB 25,#RB L            | Pass   | 3.90        | 21.48           | 21.48          | 0.141        | 23.23        | 0.210      | 7               |
| 836.5MHz_RB 25,#RB M            | Pass   | 3.90        | 21.32           | 21.32          | 0.136        | 23.07        | 0.203      | 7               |
| 836.5MHz_RB 25,#RB H            | Pass   | 3.90        | 21.20           | 21.20          | 0.132        | 22.95        | 0.197      | 7               |
| 844MHz_RB 50,#RB 0              | Pass   | 3.90        | 21.31           | 21.31          | 0.135        | 23.06        | 0.202      | 7               |
| 844MHz_RB 1,#RB L               | Pass   | 3.90        | 22.78           | 22.78          | 0.190        | 24.53        | 0.284      | 7               |
| 844MHz_RB 1,#RB M               | Pass   | 3.90        | 22.38           | 22.38          | 0.173        | 24.13        | 0.259      | 7               |
| 844MHz_RB 1,#RB H               | Pass   | 3.90        | 22.18           | 22.18          | 0.165        | 23.93        | 0.247      | 7               |
| 844MHz_RB 25,#RB L              | Pass   | 3.90        | 21.40           | 21.40          | 0.138        | 23.15        | 0.207      | 7               |
| 844MHz_RB 25,#RB M              | Pass   | 3.90        | 21.33           | 21.33          | 0.136        | 23.08        | 0.203      | 7               |
| 844MHz_RB 25,#RB H              | Pass   | 3.90        | 21.09           | 21.09          | 0.129        | 22.84        | 0.192      | 7               |
| Band 5_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 829MHz_RB 50,#RB 0              | Pass   | 3.90        | 20.54           | 20.54          | 0.113        | 22.29        | 0.169      | 7               |
| 829MHz_RB 1,#RB L               | Pass   | 3.90        | 21.65           | 21.65          | 0.146        | 23.4         | 0.219      | 7               |
| 829MHz_RB 1,#RB M               | Pass   | 3.90        | 22.16           | 22.16          | 0.164        | 23.91        | 0.246      | 7               |
| 829MHz_RB 1,#RB H               | Pass   | 3.90        | 21.82           | 21.82          | 0.152        | 23.57        | 0.228      | 7               |
| 829MHz_RB 25,#RB L              | Pass   | 3.90        | 20.40           | 20.40          | 0.110        | 22.15        | 0.164      | 7               |
| 829MHz_RB 25,#RB M              | Pass   | 3.90        | 20.70           | 20.70          | 0.117        | 22.45        | 0.176      | 7               |
| 829MHz_RB 25,#RB H              | Pass   | 3.90        | 20.66           | 20.66          | 0.116        | 22.41        | 0.174      | 7               |
| 836.5MHz_RB 50,#RB 0            | Pass   | 3.90        | 20.26           | 20.26          | 0.106        | 22.01        | 0.159      | 7               |
| 836.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.07           | 22.07          | 0.161        | 23.82        | 0.241      | 7               |
| 836.5MHz_RB 1,#RB M             | Pass   | 3.90        | 21.71           | 21.71          | 0.148        | 23.46        | 0.222      | 7               |
| 836.5MHz_RB 1,#RB H             | Pass   | 3.90        | 21.48           | 21.48          | 0.141        | 23.23        | 0.210      | 7               |
| 836.5MHz_RB 25,#RB L            | Pass   | 3.90        | 20.51           | 20.51          | 0.112        | 22.26        | 0.168      | 7               |
| 836.5MHz_RB 25,#RB M            | Pass   | 3.90        | 20.32           | 20.32          | 0.108        | 22.07        | 0.161      | 7               |
| 836.5MHz_RB 25,#RB H            | Pass   | 3.90        | 20.18           | 20.18          | 0.104        | 21.93        | 0.156      | 7               |
| 844MHz_RB 50,#RB 0              | Pass   | 3.90        | 20.29           | 20.29          | 0.107        | 22.04        | 0.160      | 7               |
| 844MHz_RB 1,#RB L               | Pass   | 3.90        | 22.05           | 22.05          | 0.160        | 23.8         | 0.240      | 7               |
| 844MHz_RB 1,#RB M               | Pass   | 3.90        | 21.60           | 21.60          | 0.145        | 23.35        | 0.216      | 7               |
| 844MHz_RB 1,#RB H               | Pass   | 3.90        | 21.37           | 21.37          | 0.137        | 23.12        | 0.205      | 7               |
| 844MHz_RB 25,#RB L              | Pass   | 3.90        | 20.40           | 20.40          | 0.110        | 22.15        | 0.164      | 7               |
| 844MHz_RB 25,#RB M              | Pass   | 3.90        | 20.31           | 20.31          | 0.107        | 22.06        | 0.161      | 7               |
| 844MHz_RB 25,#RB H              | Pass   | 3.90        | 20.10           | 20.10          | 0.102        | 21.85        | 0.153      | 7               |
| Band 5_LTE_5MHz_Nss1,QPSK_1TX   | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0            | Pass   | 3.90        | 21.37           | 21.37          | 0.137        | 23.12        | 0.205      | 7               |
| 826.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.33           | 22.33          | 0.171        | 24.08        | 0.256      | 7               |



## Average Power Results

## Appendix A.6

| 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   | 3.90        | 22.63           | 22.63          | 0.183        | 24.38        | 0.274      | 7               |
| 826.5MHz_RB 1,#RB H            | Pass   | 3.90        | 22.69           | 22.69          | 0.186        | 24.44        | 0.278      | 7               |
| 826.5MHz_RB 12,#RB L           | Pass   | 3.90        | 21.22           | 21.22          | 0.132        | 22.97        | 0.198      | 7               |
| 826.5MHz_RB 12,#RB M           | Pass   | 3.90        | 21.49           | 21.49          | 0.141        | 23.24        | 0.211      | 7               |
| 826.5MHz_RB 12,#RB H           | Pass   | 3.90        | 21.58           | 21.58          | 0.144        | 23.33        | 0.215      | 7               |
| 836.5MHz_RB 25,#RB 0           | Pass   | 3.90        | 21.40           | 21.40          | 0.138        | 23.15        | 0.207      | 7               |
| 836.5MHz_RB 1,#RB L            | Pass   | 3.90        | 22.71           | 22.71          | 0.187        | 24.46        | 0.279      | 7               |
| 836.5MHz_RB 1,#RB M            | Pass   | 3.90        | 22.68           | 22.68          | 0.185        | 24.43        | 0.277      | 7               |
| 836.5MHz_RB 1,#RB H            | Pass   | 3.90        | 22.49           | 22.49          | 0.177        | 24.24        | 0.265      | 7               |
| 836.5MHz_RB 12,#RB L           | Pass   | 3.90        | 21.41           | 21.41          | 0.138        | 23.16        | 0.207      | 7               |
| 836.5MHz_RB 12,#RB M           | Pass   | 3.90        | 21.42           | 21.42          | 0.139        | 23.17        | 0.207      | 7               |
| 836.5MHz_RB 12,#RB H           | Pass   | 3.90        | 21.30           | 21.30          | 0.135        | 23.05        | 0.202      | 7               |
| 846.5MHz_RB 25,#RB 0           | Pass   | 3.90        | 21.08           | 21.08          | 0.128        | 22.83        | 0.192      | 7               |
| 846.5MHz_RB 1,#RB L            | Pass   | 3.90        | 22.26           | 22.26          | 0.168        | 24.01        | 0.252      | 7               |
| 846.5MHz_RB 1,#RB M            | Pass   | 3.90        | 22.36           | 22.36          | 0.172        | 24.11        | 0.258      | 7               |
| 846.5MHz_RB 1,#RB H            | Pass   | 3.90        | 22.14           | 22.14          | 0.164        | 23.89        | 0.245      | 7               |
| 846.5MHz_RB 12,#RB L           | Pass   | 3.90        | 21.15           | 21.15          | 0.130        | 22.9         | 0.195      | 7               |
| 846.5MHz_RB 12,#RB M           | Pass   | 3.90        | 21.18           | 21.18          | 0.131        | 22.93        | 0.196      | 7               |
| 846.5MHz_RB 12,#RB H           | Pass   | 3.90        | 21.03           | 21.03          | 0.127        | 22.78        | 0.190      | 7               |
| Band 5_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 826.5MHz_RB 25,#RB 0           | Pass   | 3.90        | 20.36           | 20.36          | 0.109        | 22.11        | 0.163      | 7               |
| 826.5MHz_RB 1,#RB L            | Pass   | 3.90        | 21.49           | 21.49          | 0.141        | 23.24        | 0.211      | 7               |
| 826.5MHz_RB 1,#RB M            | Pass   | 3.90        | 21.82           | 21.82          | 0.152        | 23.57        | 0.228      | 7               |
| 826.5MHz_RB 1,#RB H            | Pass   | 3.90        | 22.00           | 22.00          | 0.158        | 23.75        | 0.237      | 7               |
| 826.5MHz_RB 12,#RB L           | Pass   | 3.90        | 20.21           | 20.21          | 0.105        | 21.96        | 0.157      | 7               |
| 826.5MHz_RB 12,#RB M           | Pass   | 3.90        | 20.48           | 20.48          | 0.112        | 22.23        | 0.167      | 7               |
| 826.5MHz_RB 12,#RB H           | Pass   | 3.90        | 20.60           | 20.60          | 0.115        | 22.35        | 0.172      | 7               |
| 836.5MHz_RB 25,#RB 0           | Pass   | 3.90        | 20.33           | 20.33          | 0.108        | 22.08        | 0.161      | 7               |
| 836.5MHz_RB 1,#RB L            | Pass   | 3.90        | 21.91           | 21.91          | 0.155        | 23.66        | 0.232      | 7               |
| 836.5MHz_RB 1,#RB M            | Pass   | 3.90        | 21.69           | 21.69          | 0.148        | 23.44        | 0.221      | 7               |
| 836.5MHz_RB 1,#RB H            | Pass   | 3.90        | 21.66           | 21.66          | 0.147        | 23.41        | 0.219      | 7               |
| 836.5MHz_RB 12,#RB L           | Pass   | 3.90        | 20.40           | 20.40          | 0.110        | 22.15        | 0.164      | 7               |
| 836.5MHz_RB 12,#RB M           | Pass   | 3.90        | 20.36           | 20.36          | 0.109        | 22.11        | 0.163      | 7               |
| 836.5MHz_RB 12,#RB H           | Pass   | 3.90        | 20.24           | 20.24          | 0.106        | 21.99        | 0.158      | 7               |
| 846.5MHz_RB 25,#RB 0           | Pass   | 3.90        | 20.06           | 20.06          | 0.101        | 21.81        | 0.152      | 7               |
| 846.5MHz_RB 1,#RB L            | Pass   | 3.90        | 21.50           | 21.50          | 0.141        | 23.25        | 0.211      | 7               |
| 846.5MHz_RB 1,#RB M            | Pass   | 3.90        | 21.50           | 21.50          | 0.141        | 23.25        | 0.211      | 7               |
| 846.5MHz_RB 1,#RB H            | Pass   | 3.90        | 21.34           | 21.34          | 0.136        | 23.09        | 0.204      | 7               |
| 846.5MHz_RB 12,#RB L           | Pass   | 3.90        | 20.14           | 20.14          | 0.103        | 21.89        | 0.155      | 7               |
| 846.5MHz_RB 12,#RB M           | Pass   | 3.90        | 20.16           | 20.16          | 0.104        | 21.91        | 0.155      | 7               |
| 846.5MHz_RB 12,#RB H           | Pass   | 3.90        | 20.04           | 20.04          | 0.101        | 21.79        | 0.151      | 7               |
| Band 5_LTE_3MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 825.5MHz_RB 15,#RB 0           | Pass   | 3.90        | 21.19           | 21.19          | 0.132        | 22.94        | 0.197      | 7               |
| 825.5MHz_RB 1,#RB L            | Pass   | 3.90        | 22.09           | 22.09          | 0.162        | 23.84        | 0.242      | 7               |
| 825.5MHz_RB 1,#RB M            | Pass   | 3.90        | 22.30           | 22.30          | 0.170        | 24.05        | 0.254      | 7               |
| 825.5MHz_RB 1,#RB H            | Pass   | 3.90        | 22.33           | 22.33          | 0.171        | 24.08        | 0.256      | 7               |
| 825.5MHz_RB 8,#RB L            | Pass   | 3.90        | 21.10           | 21.10          | 0.129        | 22.85        | 0.193      | 7               |
| 825.5MHz_RB 8,#RB M            | Pass   | 3.90        | 21.23           | 21.23          | 0.133        | 22.98        | 0.199      | 7               |



## Average Power Results

## Appendix A.6

| 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   | 3.90        | 21.29           | 21.29          | 0.135        | 23.04        | 0.201      | 7               |
| 836.5MHz_RB 15,#RB O            | Pass   | 3.90        | 21.32           | 21.32          | 0.136        | 23.07        | 0.203      | 7               |
| 836.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.46           | 22.46          | 0.176        | 24.21        | 0.264      | 7               |
| 836.5MHz_RB 1,#RB M             | Pass   | 3.90        | 22.49           | 22.49          | 0.177        | 24.24        | 0.265      | 7               |
| 836.5MHz_RB 1,#RB H             | Pass   | 3.90        | 22.24           | 22.24          | 0.167        | 23.99        | 0.251      | 7               |
| 836.5MHz_RB 8,#RB L             | Pass   | 3.90        | 21.29           | 21.29          | 0.135        | 23.04        | 0.201      | 7               |
| 836.5MHz_RB 8,#RB M             | Pass   | 3.90        | 21.35           | 21.35          | 0.136        | 23.1         | 0.204      | 7               |
| 836.5MHz_RB 8,#RB H             | Pass   | 3.90        | 21.27           | 21.27          | 0.134        | 23.02        | 0.200      | 7               |
| 847.5MHz_RB 15,#RB O            | Pass   | 3.90        | 20.93           | 20.93          | 0.124        | 22.68        | 0.185      | 7               |
| 847.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.03           | 22.03          | 0.160        | 23.78        | 0.239      | 7               |
| 847.5MHz_RB 1,#RB M             | Pass   | 3.90        | 21.92           | 21.92          | 0.156        | 23.67        | 0.233      | 7               |
| 847.5MHz_RB 1,#RB H             | Pass   | 3.90        | 22.04           | 22.04          | 0.160        | 23.79        | 0.239      | 7               |
| 847.5MHz_RB 8,#RB L             | Pass   | 3.90        | 21.03           | 21.03          | 0.127        | 22.78        | 0.190      | 7               |
| 847.5MHz_RB 8,#RB M             | Pass   | 3.90        | 20.87           | 20.87          | 0.122        | 22.62        | 0.183      | 7               |
| 847.5MHz_RB 8,#RB H             | Pass   | 3.90        | 20.97           | 20.97          | 0.125        | 22.72        | 0.187      | 7               |
| Band 5_LTE_3MHz_Nss1,16QAM_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 825.5MHz_RB 15,#RB O            | Pass   | 3.90        | 20.24           | 20.24          | 0.106        | 21.99        | 0.158      | 7               |
| 825.5MHz_RB 1,#RB L             | Pass   | 3.90        | 21.35           | 21.35          | 0.136        | 23.1         | 0.204      | 7               |
| 825.5MHz_RB 1,#RB M             | Pass   | 3.90        | 21.58           | 21.58          | 0.144        | 23.33        | 0.215      | 7               |
| 825.5MHz_RB 1,#RB H             | Pass   | 3.90        | 21.72           | 21.72          | 0.149        | 23.47        | 0.222      | 7               |
| 825.5MHz_RB 8,#RB L             | Pass   | 3.90        | 20.15           | 20.15          | 0.104        | 21.9         | 0.155      | 7               |
| 825.5MHz_RB 8,#RB M             | Pass   | 3.90        | 20.32           | 20.32          | 0.108        | 22.07        | 0.161      | 7               |
| 825.5MHz_RB 8,#RB H             | Pass   | 3.90        | 20.31           | 20.31          | 0.107        | 22.06        | 0.161      | 7               |
| 836.5MHz_RB 15,#RB O            | Pass   | 3.90        | 20.30           | 20.30          | 0.107        | 22.05        | 0.160      | 7               |
| 836.5MHz_RB 1,#RB L             | Pass   | 3.90        | 21.55           | 21.55          | 0.143        | 23.3         | 0.214      | 7               |
| 836.5MHz_RB 1,#RB M             | Pass   | 3.90        | 21.67           | 21.67          | 0.147        | 23.42        | 0.220      | 7               |
| 836.5MHz_RB 1,#RB H             | Pass   | 3.90        | 21.53           | 21.53          | 0.142        | 23.28        | 0.213      | 7               |
| 836.5MHz_RB 8,#RB L             | Pass   | 3.90        | 20.37           | 20.37          | 0.109        | 22.12        | 0.163      | 7               |
| 836.5MHz_RB 8,#RB M             | Pass   | 3.90        | 20.35           | 20.35          | 0.108        | 22.1         | 0.162      | 7               |
| 836.5MHz_RB 8,#RB H             | Pass   | 3.90        | 20.30           | 20.30          | 0.107        | 22.05        | 0.160      | 7               |
| 847.5MHz_RB 15,#RB O            | Pass   | 3.90        | 20.01           | 20.01          | 0.100        | 21.76        | 0.150      | 7               |
| 847.5MHz_RB 1,#RB L             | Pass   | 3.90        | 21.29           | 21.29          | 0.135        | 23.04        | 0.201      | 7               |
| 847.5MHz_RB 1,#RB M             | Pass   | 3.90        | 21.21           | 21.21          | 0.132        | 22.96        | 0.198      | 7               |
| 847.5MHz_RB 1,#RB H             | Pass   | 3.90        | 21.14           | 21.14          | 0.130        | 22.89        | 0.195      | 7               |
| 847.5MHz_RB 8,#RB L             | Pass   | 3.90        | 20.07           | 20.07          | 0.102        | 21.82        | 0.152      | 7               |
| 847.5MHz_RB 8,#RB M             | Pass   | 3.90        | 20.01           | 20.01          | 0.100        | 21.76        | 0.150      | 7               |
| 847.5MHz_RB 8,#RB H             | Pass   | 3.90        | 20.07           | 20.07          | 0.102        | 21.82        | 0.152      | 7               |
| Band 5_LTE_1.4MHz_Nss1,QPSK_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 824.7MHz_RB 6,#RB O             | Pass   | 3.90        | 20.94           | 20.94          | 0.124        | 22.69        | 0.186      | 7               |
| 824.7MHz_RB 1,#RB L             | Pass   | 3.90        | 22.03           | 22.03          | 0.160        | 23.78        | 0.239      | 7               |
| 824.7MHz_RB 1,#RB M             | Pass   | 3.90        | 22.16           | 22.16          | 0.164        | 23.91        | 0.246      | 7               |
| 824.7MHz_RB 1,#RB H             | Pass   | 3.90        | 22.25           | 22.25          | 0.168        | 24           | 0.251      | 7               |
| 824.7MHz_RB 3,#RB L             | Pass   | 3.90        | 21.93           | 21.93          | 0.156        | 23.68        | 0.233      | 7               |
| 824.7MHz_RB 3,#RB M             | Pass   | 3.90        | 22.06           | 22.06          | 0.161        | 23.81        | 0.240      | 7               |
| 824.7MHz_RB 3,#RB H             | Pass   | 3.90        | 21.89           | 21.89          | 0.155        | 23.64        | 0.231      | 7               |
| 836.5MHz_RB 6,#RB O             | Pass   | 3.90        | 21.13           | 21.13          | 0.130        | 22.88        | 0.194      | 7               |
| 836.5MHz_RB 1,#RB L             | Pass   | 3.90        | 22.33           | 22.33          | 0.171        | 24.08        | 0.256      | 7               |
| 836.5MHz_RB 1,#RB M             | Pass   | 3.90        | 22.25           | 22.25          | 0.168        | 24           | 0.251      | 7               |



## Average Power Results

## Appendix A.6

| 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   | 3.90        | 22.25           | 22.25          | 0.168        | 24           | 0.251      | 7               |
| 836.5MHz_RB 3,#RB L              | Pass   | 3.90        | 22.19           | 22.19          | 0.166        | 23.94        | 0.248      | 7               |
| 836.5MHz_RB 3,#RB M              | Pass   | 3.90        | 22.24           | 22.24          | 0.167        | 23.99        | 0.251      | 7               |
| 836.5MHz_RB 3,#RB H              | Pass   | 3.90        | 22.09           | 22.09          | 0.162        | 23.84        | 0.242      | 7               |
| 848.3MHz_RB 6,#RB 0              | Pass   | 3.90        | 20.82           | 20.82          | 0.121        | 22.57        | 0.181      | 7               |
| 848.3MHz_RB 1,#RB L              | Pass   | 3.90        | 21.98           | 21.98          | 0.158        | 23.73        | 0.236      | 7               |
| 848.3MHz_RB 1,#RB M              | Pass   | 3.90        | 21.89           | 21.89          | 0.155        | 23.64        | 0.231      | 7               |
| 848.3MHz_RB 1,#RB H              | Pass   | 3.90        | 22.19           | 22.19          | 0.166        | 23.94        | 0.248      | 7               |
| 848.3MHz_RB 3,#RB L              | Pass   | 3.90        | 21.80           | 21.80          | 0.151        | 23.55        | 0.226      | 7               |
| 848.3MHz_RB 3,#RB M              | Pass   | 3.90        | 21.91           | 21.91          | 0.155        | 23.66        | 0.232      | 7               |
| 848.3MHz_RB 3,#RB H              | Pass   | 3.90        | 21.75           | 21.75          | 0.150        | 23.5         | 0.224      | 7               |
| Band 5_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 824.7MHz_RB 6,#RB 0              | Pass   | 3.90        | 20.06           | 20.06          | 0.101        | 21.81        | 0.152      | 7               |
| 824.7MHz_RB 1,#RB L              | Pass   | 3.90        | 21.32           | 21.32          | 0.136        | 23.07        | 0.203      | 7               |
| 824.7MHz_RB 1,#RB M              | Pass   | 3.90        | 21.37           | 21.37          | 0.137        | 23.12        | 0.205      | 7               |
| 824.7MHz_RB 1,#RB H              | Pass   | 3.90        | 21.42           | 21.42          | 0.139        | 23.17        | 0.207      | 7               |
| 824.7MHz_RB 3,#RB L              | Pass   | 3.90        | 21.07           | 21.07          | 0.128        | 22.82        | 0.191      | 7               |
| 824.7MHz_RB 3,#RB M              | Pass   | 3.90        | 21.15           | 21.15          | 0.130        | 22.9         | 0.195      | 7               |
| 824.7MHz_RB 3,#RB H              | Pass   | 3.90        | 21.00           | 21.00          | 0.126        | 22.75        | 0.188      | 7               |
| 836.5MHz_RB 6,#RB 0              | Pass   | 3.90        | 20.19           | 20.19          | 0.104        | 21.94        | 0.156      | 7               |
| 836.5MHz_RB 1,#RB L              | Pass   | 3.90        | 21.62           | 21.62          | 0.145        | 23.37        | 0.217      | 7               |
| 836.5MHz_RB 1,#RB M              | Pass   | 3.90        | 21.56           | 21.56          | 0.143        | 23.31        | 0.214      | 7               |
| 836.5MHz_RB 1,#RB H              | Pass   | 3.90        | 21.60           | 21.60          | 0.145        | 23.35        | 0.216      | 7               |
| 836.5MHz_RB 3,#RB L              | Pass   | 3.90        | 21.24           | 21.24          | 0.133        | 22.99        | 0.199      | 7               |
| 836.5MHz_RB 3,#RB M              | Pass   | 3.90        | 21.29           | 21.29          | 0.135        | 23.04        | 0.201      | 7               |
| 836.5MHz_RB 3,#RB H              | Pass   | 3.90        | 21.12           | 21.12          | 0.129        | 22.87        | 0.194      | 7               |
| 848.3MHz_RB 6,#RB 0              | Pass   | 3.90        | 19.94           | 19.94          | 0.099        | 21.69        | 0.148      | 7               |
| 848.3MHz_RB 1,#RB L              | Pass   | 3.90        | 21.23           | 21.23          | 0.133        | 22.98        | 0.199      | 7               |
| 848.3MHz_RB 1,#RB M              | Pass   | 3.90        | 21.34           | 21.34          | 0.136        | 23.09        | 0.204      | 7               |
| 848.3MHz_RB 1,#RB H              | Pass   | 3.90        | 21.24           | 21.24          | 0.133        | 22.99        | 0.199      | 7               |
| 848.3MHz_RB 3,#RB L              | Pass   | 3.90        | 20.88           | 20.88          | 0.122        | 22.63        | 0.183      | 7               |
| 848.3MHz_RB 3,#RB M              | Pass   | 3.90        | 20.99           | 20.99          | 0.126        | 22.74        | 0.188      | 7               |
| 848.3MHz_RB 3,#RB H              | Pass   | 3.90        | 20.92           | 20.92          | 0.124        | 22.67        | 0.185      | 7               |

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



**<Mode 7> EUT 2 + LTE Band 12 Link**

**Summary**

| Mode                      | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|---------------------------|----------------|--------------|--------------|------------|
| Band 12                   | -              | -            | -            | -          |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 22.23          | 0.167        | 24.38        | 0.274      |
| LTE_1.4MHz_Nss1,16QAM_1TX | 21.31          | 0.135        | 23.46        | 0.222      |
| LTE_3MHz_Nss1,QPSK_1TX    | 22.08          | 0.161        | 24.23        | 0.265      |
| LTE_3MHz_Nss1,16QAM_1TX   | 21.54          | 0.143        | 23.69        | 0.234      |
| LTE_5MHz_Nss1,QPSK_1TX    | 22.45          | 0.176        | 24.6         | 0.288      |
| LTE_5MHz_Nss1,16QAM_1TX   | 21.97          | 0.157        | 24.12        | 0.258      |
| LTE_10MHz_Nss1,QPSK_1TX   | 22.51          | 0.178        | 24.66        | 0.292      |
| LTE_10MHz_Nss1,16QAM_1TX  | 21.90          | 0.155        | 24.05        | 0.254      |



## Average Power Results

## Appendix A.7

### 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   | 4.30        | 20.69           | 20.69          | 0.117        | 22.84        | 0.192      | 30              |
| 699.7MHz_RB 1,#RB L               | Pass   | 4.30        | 21.89           | 21.89          | 0.155        | 24.04        | 0.254      | 30              |
| 699.7MHz_RB 1,#RB M               | Pass   | 4.30        | 21.68           | 21.68          | 0.147        | 23.83        | 0.242      | 30              |
| 699.7MHz_RB 1,#RB H               | Pass   | 4.30        | 21.95           | 21.95          | 0.157        | 24.1         | 0.257      | 30              |
| 699.7MHz_RB 3,#RB L               | Pass   | 4.30        | 21.57           | 21.57          | 0.144        | 23.72        | 0.236      | 30              |
| 699.7MHz_RB 3,#RB M               | Pass   | 4.30        | 21.77           | 21.77          | 0.150        | 23.92        | 0.247      | 30              |
| 699.7MHz_RB 3,#RB H               | Pass   | 4.30        | 21.76           | 21.76          | 0.150        | 23.91        | 0.246      | 30              |
| 707.5MHz_RB 6,#RB 0               | Pass   | 4.30        | 20.94           | 20.94          | 0.124        | 23.09        | 0.204      | 30              |
| 707.5MHz_RB 1,#RB L               | Pass   | 4.30        | 22.14           | 22.14          | 0.164        | 24.29        | 0.269      | 30              |
| 707.5MHz_RB 1,#RB M               | Pass   | 4.30        | 21.92           | 21.92          | 0.156        | 24.07        | 0.255      | 30              |
| 707.5MHz_RB 1,#RB H               | Pass   | 4.30        | 22.23           | 22.23          | 0.167        | 24.38        | 0.274      | 30              |
| 707.5MHz_RB 3,#RB L               | Pass   | 4.30        | 21.87           | 21.87          | 0.154        | 24.02        | 0.252      | 30              |
| 707.5MHz_RB 3,#RB M               | Pass   | 4.30        | 21.96           | 21.96          | 0.157        | 24.11        | 0.258      | 30              |
| 707.5MHz_RB 3,#RB H               | Pass   | 4.30        | 21.89           | 21.89          | 0.155        | 24.04        | 0.254      | 30              |
| 715.3MHz_RB 6,#RB 0               | Pass   | 4.30        | 20.44           | 20.44          | 0.111        | 22.59        | 0.182      | 30              |
| 715.3MHz_RB 1,#RB L               | Pass   | 4.30        | 21.67           | 21.67          | 0.147        | 23.82        | 0.241      | 30              |
| 715.3MHz_RB 1,#RB M               | Pass   | 4.30        | 21.42           | 21.42          | 0.139        | 23.57        | 0.228      | 30              |
| 715.3MHz_RB 1,#RB H               | Pass   | 4.30        | 21.66           | 21.66          | 0.147        | 23.81        | 0.240      | 30              |
| 715.3MHz_RB 3,#RB L               | Pass   | 4.30        | 21.59           | 21.59          | 0.144        | 23.74        | 0.237      | 30              |
| 715.3MHz_RB 3,#RB M               | Pass   | 4.30        | 21.59           | 21.59          | 0.144        | 23.74        | 0.237      | 30              |
| 715.3MHz_RB 3,#RB H               | Pass   | 4.30        | 21.46           | 21.46          | 0.140        | 23.61        | 0.230      | 30              |
| Band 12_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 699.7MHz_RB 6,#RB 0               | Pass   | 4.30        | 19.78           | 19.78          | 0.095        | 21.93        | 0.156      | 30              |
| 699.7MHz_RB 1,#RB L               | Pass   | 4.30        | 20.93           | 20.93          | 0.124        | 23.08        | 0.203      | 30              |
| 699.7MHz_RB 1,#RB M               | Pass   | 4.30        | 21.10           | 21.10          | 0.129        | 23.25        | 0.211      | 30              |
| 699.7MHz_RB 1,#RB H               | Pass   | 4.30        | 21.00           | 21.00          | 0.126        | 23.15        | 0.207      | 30              |
| 699.7MHz_RB 3,#RB L               | Pass   | 4.30        | 20.66           | 20.66          | 0.116        | 22.81        | 0.191      | 30              |
| 699.7MHz_RB 3,#RB M               | Pass   | 4.30        | 20.85           | 20.85          | 0.122        | 23           | 0.200      | 30              |
| 699.7MHz_RB 3,#RB H               | Pass   | 4.30        | 20.80           | 20.80          | 0.120        | 22.95        | 0.197      | 30              |
| 707.5MHz_RB 6,#RB 0               | Pass   | 4.30        | 20.06           | 20.06          | 0.101        | 22.21        | 0.166      | 30              |
| 707.5MHz_RB 1,#RB L               | Pass   | 4.30        | 21.25           | 21.25          | 0.133        | 23.4         | 0.219      | 30              |
| 707.5MHz_RB 1,#RB M               | Pass   | 4.30        | 21.31           | 21.31          | 0.135        | 23.46        | 0.222      | 30              |
| 707.5MHz_RB 1,#RB H               | Pass   | 4.30        | 21.28           | 21.28          | 0.134        | 23.43        | 0.220      | 30              |
| 707.5MHz_RB 3,#RB L               | Pass   | 4.30        | 21.03           | 21.03          | 0.127        | 23.18        | 0.208      | 30              |
| 707.5MHz_RB 3,#RB M               | Pass   | 4.30        | 21.14           | 21.14          | 0.130        | 23.29        | 0.213      | 30              |
| 707.5MHz_RB 3,#RB H               | Pass   | 4.30        | 21.09           | 21.09          | 0.129        | 23.24        | 0.211      | 30              |
| 715.3MHz_RB 6,#RB 0               | Pass   | 4.30        | 19.63           | 19.63          | 0.092        | 21.78        | 0.151      | 30              |
| 715.3MHz_RB 1,#RB L               | Pass   | 4.30        | 20.97           | 20.97          | 0.125        | 23.12        | 0.205      | 30              |
| 715.3MHz_RB 1,#RB M               | Pass   | 4.30        | 20.80           | 20.80          | 0.120        | 22.95        | 0.197      | 30              |
| 715.3MHz_RB 1,#RB H               | Pass   | 4.30        | 20.95           | 20.95          | 0.124        | 23.1         | 0.204      | 30              |
| 715.3MHz_RB 3,#RB L               | Pass   | 4.30        | 20.62           | 20.62          | 0.115        | 22.77        | 0.189      | 30              |
| 715.3MHz_RB 3,#RB M               | Pass   | 4.30        | 20.74           | 20.74          | 0.119        | 22.89        | 0.195      | 30              |
| 715.3MHz_RB 3,#RB H               | Pass   | 4.30        | 20.57           | 20.57          | 0.114        | 22.72        | 0.187      | 30              |
| Band 12_LTE_3MHz_Nss1,QPSK_1TX    | -      | -           | -               | -              | -            | -            | -          | -               |
| 700.5MHz_RB 15,#RB 0              | Pass   | 4.30        | 20.94           | 20.94          | 0.124        | 23.09        | 0.204      | 30              |
| 700.5MHz_RB 1,#RB L               | Pass   | 4.30        | 21.62           | 21.62          | 0.145        | 23.77        | 0.238      | 30              |



## Average Power Results

## Appendix A.7

| 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 1,#RB M             | Pass   | 4.30        | 21.81           | 21.81          | 0.152        | 23.96        | 0.249      | 30              |
| 700.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.76           | 21.76          | 0.150        | 23.91        | 0.246      | 30              |
| 700.5MHz_RB 8,#RB L             | Pass   | 4.30        | 20.79           | 20.79          | 0.120        | 22.94        | 0.197      | 30              |
| 700.5MHz_RB 8,#RB M             | Pass   | 4.30        | 20.99           | 20.99          | 0.126        | 23.14        | 0.206      | 30              |
| 700.5MHz_RB 8,#RB H             | Pass   | 4.30        | 21.02           | 21.02          | 0.126        | 23.17        | 0.207      | 30              |
| 707.5MHz_RB 15,#RB 0            | Pass   | 4.30        | 21.04           | 21.04          | 0.127        | 23.19        | 0.208      | 30              |
| 707.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.82           | 21.82          | 0.152        | 23.97        | 0.249      | 30              |
| 707.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.08           | 22.08          | 0.161        | 24.23        | 0.265      | 30              |
| 707.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.84           | 21.84          | 0.153        | 23.99        | 0.251      | 30              |
| 707.5MHz_RB 8,#RB L             | Pass   | 4.30        | 21.10           | 21.10          | 0.129        | 23.25        | 0.211      | 30              |
| 707.5MHz_RB 8,#RB M             | Pass   | 4.30        | 21.16           | 21.16          | 0.131        | 23.31        | 0.214      | 30              |
| 707.5MHz_RB 8,#RB H             | Pass   | 4.30        | 21.07           | 21.07          | 0.128        | 23.22        | 0.210      | 30              |
| 714.5MHz_RB 15,#RB 0            | Pass   | 4.30        | 20.71           | 20.71          | 0.118        | 22.86        | 0.193      | 30              |
| 714.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.63           | 21.63          | 0.146        | 23.78        | 0.239      | 30              |
| 714.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.50           | 21.50          | 0.141        | 23.65        | 0.232      | 30              |
| 714.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.46           | 21.46          | 0.140        | 23.61        | 0.230      | 30              |
| 714.5MHz_RB 8,#RB L             | Pass   | 4.30        | 20.80           | 20.80          | 0.120        | 22.95        | 0.197      | 30              |
| 714.5MHz_RB 8,#RB M             | Pass   | 4.30        | 20.75           | 20.75          | 0.119        | 22.9         | 0.195      | 30              |
| 714.5MHz_RB 8,#RB H             | Pass   | 4.30        | 20.58           | 20.58          | 0.114        | 22.73        | 0.187      | 30              |
| Band 12_LTE_3MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 700.5MHz_RB 15,#RB 0            | Pass   | 4.30        | 19.91           | 19.91          | 0.098        | 22.06        | 0.161      | 30              |
| 700.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.00           | 21.00          | 0.126        | 23.15        | 0.207      | 30              |
| 700.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.31           | 21.31          | 0.135        | 23.46        | 0.222      | 30              |
| 700.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.18           | 21.18          | 0.131        | 23.33        | 0.215      | 30              |
| 700.5MHz_RB 8,#RB L             | Pass   | 4.30        | 19.84           | 19.84          | 0.096        | 21.99        | 0.158      | 30              |
| 700.5MHz_RB 8,#RB M             | Pass   | 4.30        | 20.05           | 20.05          | 0.101        | 22.2         | 0.166      | 30              |
| 700.5MHz_RB 8,#RB H             | Pass   | 4.30        | 20.12           | 20.12          | 0.103        | 22.27        | 0.169      | 30              |
| 707.5MHz_RB 15,#RB 0            | Pass   | 4.30        | 20.04           | 20.04          | 0.101        | 22.19        | 0.166      | 30              |
| 707.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.52           | 21.52          | 0.142        | 23.67        | 0.233      | 30              |
| 707.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.54           | 21.54          | 0.143        | 23.69        | 0.234      | 30              |
| 707.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.41           | 21.41          | 0.138        | 23.56        | 0.227      | 30              |
| 707.5MHz_RB 8,#RB L             | Pass   | 4.30        | 20.18           | 20.18          | 0.104        | 22.33        | 0.171      | 30              |
| 707.5MHz_RB 8,#RB M             | Pass   | 4.30        | 20.24           | 20.24          | 0.106        | 22.39        | 0.173      | 30              |
| 707.5MHz_RB 8,#RB H             | Pass   | 4.30        | 20.17           | 20.17          | 0.104        | 22.32        | 0.171      | 30              |
| 714.5MHz_RB 15,#RB 0            | Pass   | 4.30        | 19.78           | 19.78          | 0.095        | 21.93        | 0.156      | 30              |
| 714.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.02           | 21.02          | 0.126        | 23.17        | 0.207      | 30              |
| 714.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.16           | 21.16          | 0.131        | 23.31        | 0.214      | 30              |
| 714.5MHz_RB 1,#RB H             | Pass   | 4.30        | 20.97           | 20.97          | 0.125        | 23.12        | 0.205      | 30              |
| 714.5MHz_RB 8,#RB L             | Pass   | 4.30        | 19.84           | 19.84          | 0.096        | 21.99        | 0.158      | 30              |
| 714.5MHz_RB 8,#RB M             | Pass   | 4.30        | 19.87           | 19.87          | 0.097        | 22.02        | 0.159      | 30              |
| 714.5MHz_RB 8,#RB H             | Pass   | 4.30        | 19.74           | 19.74          | 0.094        | 21.89        | 0.155      | 30              |
| Band 12_LTE_5MHz_Nss1,QPSK_1TX  | -      | -           | -               | -              | -            | -            | -          | -               |
| 701.5MHz_RB 25,#RB 0            | Pass   | 4.30        | 21.21           | 21.21          | 0.132        | 23.36        | 0.217      | 30              |
| 701.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.92           | 21.92          | 0.156        | 24.07        | 0.255      | 30              |
| 701.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.45           | 22.45          | 0.176        | 24.6         | 0.288      | 30              |
| 701.5MHz_RB 1,#RB H             | Pass   | 4.30        | 22.11           | 22.11          | 0.163        | 24.26        | 0.267      | 30              |
| 701.5MHz_RB 12,#RB L            | Pass   | 4.30        | 21.08           | 21.08          | 0.128        | 23.23        | 0.210      | 30              |
| 701.5MHz_RB 12,#RB M            | Pass   | 4.30        | 21.30           | 21.30          | 0.135        | 23.45        | 0.221      | 30              |



## Average Power Results

## Appendix A.7

| 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) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 701.5MHz_RB 12,#RB H            | Pass   | 4.30        | 21.32           | 21.32          | 0.136        | 23.47        | 0.222      | 30              |
| 707.5MHz_RB 25,#RB O            | Pass   | 4.30        | 21.18           | 21.18          | 0.131        | 23.33        | 0.215      | 30              |
| 707.5MHz_RB 1,#RB L             | Pass   | 4.30        | 22.28           | 22.28          | 0.169        | 24.43        | 0.277      | 30              |
| 707.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.32           | 22.32          | 0.171        | 24.47        | 0.280      | 30              |
| 707.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.99           | 21.99          | 0.158        | 24.14        | 0.259      | 30              |
| 707.5MHz_RB 12,#RB L            | Pass   | 4.30        | 21.17           | 21.17          | 0.131        | 23.32        | 0.215      | 30              |
| 707.5MHz_RB 12,#RB M            | Pass   | 4.30        | 21.20           | 21.20          | 0.132        | 23.35        | 0.216      | 30              |
| 707.5MHz_RB 12,#RB H            | Pass   | 4.30        | 21.10           | 21.10          | 0.129        | 23.25        | 0.211      | 30              |
| 713.5MHz_RB 25,#RB O            | Pass   | 4.30        | 20.91           | 20.91          | 0.123        | 23.06        | 0.202      | 30              |
| 713.5MHz_RB 1,#RB L             | Pass   | 4.30        | 22.03           | 22.03          | 0.160        | 24.18        | 0.262      | 30              |
| 713.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.08           | 22.08          | 0.161        | 24.23        | 0.265      | 30              |
| 713.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.61           | 21.61          | 0.145        | 23.76        | 0.238      | 30              |
| 713.5MHz_RB 12,#RB L            | Pass   | 4.30        | 20.94           | 20.94          | 0.124        | 23.09        | 0.204      | 30              |
| 713.5MHz_RB 12,#RB M            | Pass   | 4.30        | 21.04           | 21.04          | 0.127        | 23.19        | 0.208      | 30              |
| 713.5MHz_RB 12,#RB H            | Pass   | 4.30        | 20.86           | 20.86          | 0.122        | 23.01        | 0.200      | 30              |
| Band 12_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 701.5MHz_RB 25,#RB O            | Pass   | 4.30        | 20.26           | 20.26          | 0.106        | 22.41        | 0.174      | 30              |
| 701.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.39           | 21.39          | 0.138        | 23.54        | 0.226      | 30              |
| 701.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.97           | 21.97          | 0.157        | 24.12        | 0.258      | 30              |
| 701.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.84           | 21.84          | 0.153        | 23.99        | 0.251      | 30              |
| 701.5MHz_RB 12,#RB L            | Pass   | 4.30        | 20.24           | 20.24          | 0.106        | 22.39        | 0.173      | 30              |
| 701.5MHz_RB 12,#RB M            | Pass   | 4.30        | 20.42           | 20.42          | 0.110        | 22.57        | 0.181      | 30              |
| 701.5MHz_RB 12,#RB H            | Pass   | 4.30        | 20.44           | 20.44          | 0.111        | 22.59        | 0.182      | 30              |
| 707.5MHz_RB 25,#RB O            | Pass   | 4.30        | 20.19           | 20.19          | 0.104        | 22.34        | 0.171      | 30              |
| 707.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.75           | 21.75          | 0.150        | 23.9         | 0.245      | 30              |
| 707.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.84           | 21.84          | 0.153        | 23.99        | 0.251      | 30              |
| 707.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.50           | 21.50          | 0.141        | 23.65        | 0.232      | 30              |
| 707.5MHz_RB 12,#RB L            | Pass   | 4.30        | 20.24           | 20.24          | 0.106        | 22.39        | 0.173      | 30              |
| 707.5MHz_RB 12,#RB M            | Pass   | 4.30        | 20.28           | 20.28          | 0.107        | 22.43        | 0.175      | 30              |
| 707.5MHz_RB 12,#RB H            | Pass   | 4.30        | 20.20           | 20.20          | 0.105        | 22.35        | 0.172      | 30              |
| 713.5MHz_RB 25,#RB O            | Pass   | 4.30        | 19.96           | 19.96          | 0.099        | 22.11        | 0.163      | 30              |
| 713.5MHz_RB 1,#RB L             | Pass   | 4.30        | 21.53           | 21.53          | 0.142        | 23.68        | 0.233      | 30              |
| 713.5MHz_RB 1,#RB M             | Pass   | 4.30        | 21.54           | 21.54          | 0.143        | 23.69        | 0.234      | 30              |
| 713.5MHz_RB 1,#RB H             | Pass   | 4.30        | 21.32           | 21.32          | 0.136        | 23.47        | 0.222      | 30              |
| 713.5MHz_RB 12,#RB L            | Pass   | 4.30        | 20.14           | 20.14          | 0.103        | 22.29        | 0.169      | 30              |
| 713.5MHz_RB 12,#RB M            | Pass   | 4.30        | 20.11           | 20.11          | 0.103        | 22.26        | 0.168      | 30              |
| 713.5MHz_RB 12,#RB H            | Pass   | 4.30        | 20.02           | 20.02          | 0.100        | 22.17        | 0.165      | 30              |
| Band 12_LTE_10MHz_Nss1,QPSK_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 704.5MHz_RB 50,#RB O            | Pass   | 4.30        | 21.24           | 21.24          | 0.133        | 23.39        | 0.218      | 30              |
| 704.5MHz_RB 1,#RB L             | Pass   | 4.30        | 22.04           | 22.04          | 0.160        | 24.19        | 0.262      | 30              |
| 704.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.34           | 22.34          | 0.171        | 24.49        | 0.281      | 30              |
| 704.5MHz_RB 1,#RB H             | Pass   | 4.30        | 22.10           | 22.10          | 0.162        | 24.25        | 0.266      | 30              |
| 704.5MHz_RB 25,#RB L            | Pass   | 4.30        | 21.20           | 21.20          | 0.132        | 23.35        | 0.216      | 30              |
| 704.5MHz_RB 25,#RB M            | Pass   | 4.30        | 21.26           | 21.26          | 0.134        | 23.41        | 0.219      | 30              |
| 704.5MHz_RB 25,#RB H            | Pass   | 4.30        | 21.16           | 21.16          | 0.131        | 23.31        | 0.214      | 30              |
| 707.5MHz_RB 50,#RB O            | Pass   | 4.30        | 21.28           | 21.28          | 0.134        | 23.43        | 0.220      | 30              |
| 707.5MHz_RB 1,#RB L             | Pass   | 4.30        | 22.51           | 22.51          | 0.178        | 24.66        | 0.292      | 30              |
| 707.5MHz_RB 1,#RB M             | Pass   | 4.30        | 22.24           | 22.24          | 0.167        | 24.39        | 0.275      | 30              |



## Average Power Results

## Appendix A.7

| 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   | 4.30        | 22.26           | 22.26          | 0.168        | 24.41        | 0.276      | 30              |
| 707.5MHz_RB 25,#RB L             | Pass   | 4.30        | 21.36           | 21.36          | 0.137        | 23.51        | 0.224      | 30              |
| 707.5MHz_RB 25,#RB M             | Pass   | 4.30        | 21.19           | 21.19          | 0.132        | 23.34        | 0.216      | 30              |
| 707.5MHz_RB 25,#RB H             | Pass   | 4.30        | 21.10           | 21.10          | 0.129        | 23.25        | 0.211      | 30              |
| 711MHz_RB 50,#RB 0               | Pass   | 4.30        | 21.14           | 21.14          | 0.130        | 23.29        | 0.213      | 30              |
| 711MHz_RB 1,#RB L                | Pass   | 4.30        | 22.37           | 22.37          | 0.173        | 24.52        | 0.283      | 30              |
| 711MHz_RB 1,#RB M                | Pass   | 4.30        | 22.11           | 22.11          | 0.163        | 24.26        | 0.267      | 30              |
| 711MHz_RB 1,#RB H                | Pass   | 4.30        | 21.89           | 21.89          | 0.155        | 24.04        | 0.254      | 30              |
| 711MHz_RB 25,#RB L               | Pass   | 4.30        | 21.21           | 21.21          | 0.132        | 23.36        | 0.217      | 30              |
| 711MHz_RB 25,#RB M               | Pass   | 4.30        | 21.06           | 21.06          | 0.128        | 23.21        | 0.209      | 30              |
| 711MHz_RB 25,#RB H               | Pass   | 4.30        | 20.91           | 20.91          | 0.123        | 23.06        | 0.202      | 30              |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 704.5MHz_RB 50,#RB 0             | Pass   | 4.30        | 20.22           | 20.22          | 0.105        | 22.37        | 0.173      | 30              |
| 704.5MHz_RB 1,#RB L              | Pass   | 4.30        | 21.53           | 21.53          | 0.142        | 23.68        | 0.233      | 30              |
| 704.5MHz_RB 1,#RB M              | Pass   | 4.30        | 21.90           | 21.90          | 0.155        | 24.05        | 0.254      | 30              |
| 704.5MHz_RB 1,#RB H              | Pass   | 4.30        | 21.36           | 21.36          | 0.137        | 23.51        | 0.224      | 30              |
| 704.5MHz_RB 25,#RB L             | Pass   | 4.30        | 20.27           | 20.27          | 0.106        | 22.42        | 0.175      | 30              |
| 704.5MHz_RB 25,#RB M             | Pass   | 4.30        | 20.33           | 20.33          | 0.108        | 22.48        | 0.177      | 30              |
| 704.5MHz_RB 25,#RB H             | Pass   | 4.30        | 20.18           | 20.18          | 0.104        | 22.33        | 0.171      | 30              |
| 707.5MHz_RB 50,#RB 0             | Pass   | 4.30        | 20.24           | 20.24          | 0.106        | 22.39        | 0.173      | 30              |
| 707.5MHz_RB 1,#RB L              | Pass   | 4.30        | 21.90           | 21.90          | 0.155        | 24.05        | 0.254      | 30              |
| 707.5MHz_RB 1,#RB M              | Pass   | 4.30        | 21.69           | 21.69          | 0.148        | 23.84        | 0.242      | 30              |
| 707.5MHz_RB 1,#RB H              | Pass   | 4.30        | 21.38           | 21.38          | 0.137        | 23.53        | 0.225      | 30              |
| 707.5MHz_RB 25,#RB L             | Pass   | 4.30        | 20.45           | 20.45          | 0.111        | 22.6         | 0.182      | 30              |
| 707.5MHz_RB 25,#RB M             | Pass   | 4.30        | 20.22           | 20.22          | 0.105        | 22.37        | 0.173      | 30              |
| 707.5MHz_RB 25,#RB H             | Pass   | 4.30        | 20.13           | 20.13          | 0.103        | 22.28        | 0.169      | 30              |
| 711MHz_RB 50,#RB 0               | Pass   | 4.30        | 20.14           | 20.14          | 0.103        | 22.29        | 0.169      | 30              |
| 711MHz_RB 1,#RB L                | Pass   | 4.30        | 21.55           | 21.55          | 0.143        | 23.7         | 0.234      | 30              |
| 711MHz_RB 1,#RB M                | Pass   | 4.30        | 21.74           | 21.74          | 0.149        | 23.89        | 0.245      | 30              |
| 711MHz_RB 1,#RB H                | Pass   | 4.30        | 21.18           | 21.18          | 0.131        | 23.33        | 0.215      | 30              |
| 711MHz_RB 25,#RB L               | Pass   | 4.30        | 20.27           | 20.27          | 0.106        | 22.42        | 0.175      | 30              |
| 711MHz_RB 25,#RB M               | Pass   | 4.30        | 20.14           | 20.14          | 0.103        | 22.29        | 0.169      | 30              |
| 711MHz_RB 25,#RB H               | Pass   | 4.30        | 19.95           | 19.95          | 0.099        | 22.1         | 0.162      | 30              |

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



## Average Power Results

## Appendix A.8

<Mode 8> EUT 2 + LTE Band 13 Link

### Summary

| Mode                     | Power<br>(dBm) | Power<br>(W) | ERP<br>(dBm) | ERP<br>(W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 13                  | -              | -            | -            | -          |
| LTE_5MHz_Nss1,QPSK_1TX   | 20.79          | 0.120        | 24.04        | 0.254      |
| LTE_5MHz_Nss1,16QAM_1TX  | 19.89          | 0.097        | 23.14        | 0.206      |
| LTE_10MHz_Nss1,QPSK_1TX  | 20.75          | 0.119        | 24           | 0.251      |
| LTE_10MHz_Nss1,16QAM_1TX | 19.90          | 0.098        | 23.15        | 0.207      |



## Average Power Results

## Appendix A.8

### 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   | 5.40        | 19.51           | 19.51          | 0.089        | 22.76        | 0.189      | 30              |
| 779.5MHz_RB 1,#RB L             | Pass   | 5.40        | 20.34           | 20.34          | 0.108        | 23.59        | 0.229      | 30              |
| 779.5MHz_RB 1,#RB M             | Pass   | 5.40        | 20.53           | 20.53          | 0.113        | 23.78        | 0.239      | 30              |
| 779.5MHz_RB 1,#RB H             | Pass   | 5.40        | 20.44           | 20.44          | 0.111        | 23.69        | 0.234      | 30              |
| 779.5MHz_RB 12,#RB L            | Pass   | 5.40        | 19.49           | 19.49          | 0.089        | 22.74        | 0.188      | 30              |
| 779.5MHz_RB 12,#RB M            | Pass   | 5.40        | 19.47           | 19.47          | 0.089        | 22.72        | 0.187      | 30              |
| 779.5MHz_RB 12,#RB H            | Pass   | 5.40        | 19.39           | 19.39          | 0.087        | 22.64        | 0.184      | 30              |
| 782MHz_RB 25,#RB 0              | Pass   | 5.40        | 19.47           | 19.47          | 0.089        | 22.72        | 0.187      | 30              |
| 782MHz_RB 1,#RB L               | Pass   | 5.40        | 20.58           | 20.58          | 0.114        | 23.83        | 0.242      | 30              |
| 782MHz_RB 1,#RB M               | Pass   | 5.40        | 20.79           | 20.79          | 0.120        | 24.04        | 0.254      | 30              |
| 782MHz_RB 1,#RB H               | Pass   | 5.40        | 20.66           | 20.66          | 0.116        | 23.91        | 0.246      | 30              |
| 782MHz_RB 12,#RB L              | Pass   | 5.40        | 19.43           | 19.43          | 0.088        | 22.68        | 0.185      | 30              |
| 782MHz_RB 12,#RB M              | Pass   | 5.40        | 19.50           | 19.50          | 0.089        | 22.75        | 0.188      | 30              |
| 782MHz_RB 12,#RB H              | Pass   | 5.40        | 19.48           | 19.48          | 0.089        | 22.73        | 0.187      | 30              |
| 784.5MHz_RB 25,#RB 0            | Pass   | 5.40        | 19.40           | 19.40          | 0.087        | 22.65        | 0.184      | 30              |
| 784.5MHz_RB 1,#RB L             | Pass   | 5.40        | 20.47           | 20.47          | 0.111        | 23.72        | 0.236      | 30              |
| 784.5MHz_RB 1,#RB M             | Pass   | 5.40        | 20.63           | 20.63          | 0.116        | 23.88        | 0.244      | 30              |
| 784.5MHz_RB 1,#RB H             | Pass   | 5.40        | 20.44           | 20.44          | 0.111        | 23.69        | 0.234      | 30              |
| 784.5MHz_RB 12,#RB L            | Pass   | 5.40        | 19.37           | 19.37          | 0.086        | 22.62        | 0.183      | 30              |
| 784.5MHz_RB 12,#RB M            | Pass   | 5.40        | 19.45           | 19.45          | 0.088        | 22.7         | 0.186      | 30              |
| 784.5MHz_RB 12,#RB H            | Pass   | 5.40        | 19.40           | 19.40          | 0.087        | 22.65        | 0.184      | 30              |
| Band 13_LTE_5MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 779.5MHz_RB 25,#RB 0            | Pass   | 5.40        | 18.54           | 18.54          | 0.071        | 21.79        | 0.151      | 30              |
| 779.5MHz_RB 1,#RB L             | Pass   | 5.40        | 19.73           | 19.73          | 0.094        | 22.98        | 0.199      | 30              |
| 779.5MHz_RB 1,#RB M             | Pass   | 5.40        | 19.71           | 19.71          | 0.094        | 22.96        | 0.198      | 30              |
| 779.5MHz_RB 1,#RB H             | Pass   | 5.40        | 19.69           | 19.69          | 0.093        | 22.94        | 0.197      | 30              |
| 779.5MHz_RB 12,#RB L            | Pass   | 5.40        | 18.40           | 18.40          | 0.069        | 21.65        | 0.146      | 30              |
| 779.5MHz_RB 12,#RB M            | Pass   | 5.40        | 18.50           | 18.50          | 0.071        | 21.75        | 0.150      | 30              |
| 779.5MHz_RB 12,#RB H            | Pass   | 5.40        | 18.46           | 18.46          | 0.070        | 21.71        | 0.148      | 30              |
| 782MHz_RB 25,#RB 0              | Pass   | 5.40        | 18.54           | 18.54          | 0.071        | 21.79        | 0.151      | 30              |
| 782MHz_RB 1,#RB L               | Pass   | 5.40        | 19.86           | 19.86          | 0.097        | 23.11        | 0.205      | 30              |
| 782MHz_RB 1,#RB M               | Pass   | 5.40        | 19.89           | 19.89          | 0.097        | 23.14        | 0.206      | 30              |
| 782MHz_RB 1,#RB H               | Pass   | 5.40        | 19.87           | 19.87          | 0.097        | 23.12        | 0.205      | 30              |
| 782MHz_RB 12,#RB L              | Pass   | 5.40        | 18.51           | 18.51          | 0.071        | 21.76        | 0.150      | 30              |
| 782MHz_RB 12,#RB M              | Pass   | 5.40        | 18.53           | 18.53          | 0.071        | 21.78        | 0.151      | 30              |
| 782MHz_RB 12,#RB H              | Pass   | 5.40        | 18.55           | 18.55          | 0.072        | 21.8         | 0.151      | 30              |
| 784.5MHz_RB 25,#RB 0            | Pass   | 5.40        | 18.45           | 18.45          | 0.070        | 21.7         | 0.148      | 30              |
| 784.5MHz_RB 1,#RB L             | Pass   | 5.40        | 19.72           | 19.72          | 0.094        | 22.97        | 0.198      | 30              |
| 784.5MHz_RB 1,#RB M             | Pass   | 5.40        | 19.74           | 19.74          | 0.094        | 22.99        | 0.199      | 30              |
| 784.5MHz_RB 1,#RB H             | Pass   | 5.40        | 19.76           | 19.76          | 0.095        | 23.01        | 0.200      | 30              |
| 784.5MHz_RB 12,#RB L            | Pass   | 5.40        | 18.42           | 18.42          | 0.070        | 21.67        | 0.147      | 30              |
| 784.5MHz_RB 12,#RB M            | Pass   | 5.40        | 18.52           | 18.52          | 0.071        | 21.77        | 0.150      | 30              |
| 784.5MHz_RB 12,#RB H            | Pass   | 5.40        | 18.47           | 18.47          | 0.070        | 21.72        | 0.149      | 30              |
| Band 13_LTE_10MHz_Nss1,QPSK_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 782MHz_RB 50,#RB 0              | Pass   | 5.40        | 19.65           | 19.65          | 0.092        | 22.9         | 0.195      | 30              |
| 782MHz_RB 1,#RB L               | Pass   | 5.40        | 20.65           | 20.65          | 0.116        | 23.9         | 0.245      | 30              |



## Average Power Results

## Appendix A.8

| 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) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|--------------|------------|-----------------|
| 782MHz_RB 1,#RB M                | Pass   | 5.40        | 20.52           | 20.52          | 0.113        | 23.77        | 0.238      | 30              |
| 782MHz_RB 1,#RB H                | Pass   | 5.40        | 20.75           | 20.75          | 0.119        | 24           | 0.251      | 30              |
| 782MHz_RB 25,#RB L               | Pass   | 5.40        | 19.67           | 19.67          | 0.093        | 22.92        | 0.196      | 30              |
| 782MHz_RB 25,#RB M               | Pass   | 5.40        | 19.50           | 19.50          | 0.089        | 22.75        | 0.188      | 30              |
| 782MHz_RB 25,#RB H               | Pass   | 5.40        | 19.50           | 19.50          | 0.089        | 22.75        | 0.188      | 30              |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -           | -               | -              | -            | -            | -          | -               |
| 782MHz_RB 50,#RB 0               | Pass   | 5.40        | 18.67           | 18.67          | 0.074        | 21.92        | 0.156      | 30              |
| 782MHz_RB 1,#RB L                | Pass   | 5.40        | 19.90           | 19.90          | 0.098        | 23.15        | 0.207      | 30              |
| 782MHz_RB 1,#RB M                | Pass   | 5.40        | 19.89           | 19.89          | 0.097        | 23.14        | 0.206      | 30              |
| 782MHz_RB 1,#RB H                | Pass   | 5.40        | 19.81           | 19.81          | 0.096        | 23.06        | 0.202      | 30              |
| 782MHz_RB 25,#RB L               | Pass   | 5.40        | 18.66           | 18.66          | 0.073        | 21.91        | 0.155      | 30              |
| 782MHz_RB 25,#RB M               | Pass   | 5.40        | 18.56           | 18.56          | 0.072        | 21.81        | 0.152      | 30              |
| 782MHz_RB 25,#RB H               | Pass   | 5.40        | 18.53           | 18.53          | 0.071        | 21.78        | 0.151      | 30              |

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



**<Mode 1> EUT 2 + WCDMA Band 2 Link**

**Summary**

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 2              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1880          | 13.00         | 2.58 | 1    |



## Peak to Average Power Ratio (PAPR) Results

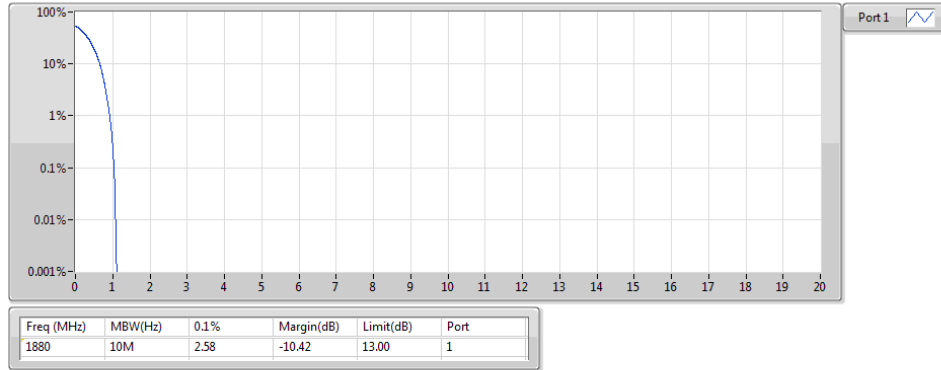
## Appendix B.1

### Result

| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 1880MHz                    | Pass   | 1880          | 13.00         | 2.58 | 1    |

Band 2\_WCDMA\_5MHz\_Nss1\_1TX  
1880MHz

PAR





**<Mode 2> EUT 2 + WCDMA Band 4 Link**

**Summary**

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 4              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1732.6        | 13.00         | 2.27 | 1    |



## Peak to Average Power Ratio (PAPR) Results

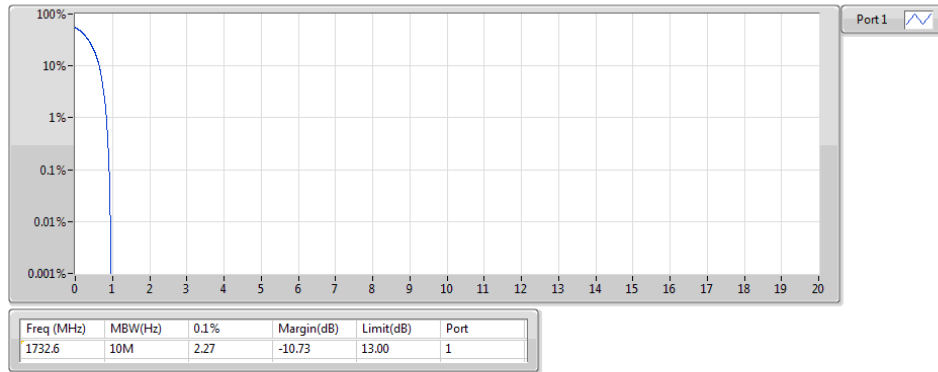
## Appendix B.2

### Result

| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 4_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 1732.6MHz                  | Pass   | 1732.6        | 13.00         | 2.27 | 1    |

Band 4\_WCDMA\_5MHz\_Nss1\_1TX  
1732.6MHz

PAR





**<Mode 3> EUT 2 + WCDMA Band 5 Link**

**Summary**

| Mode                | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------|--------|---------------|---------------|------|------|
| Band 5              | -      | -             | -             | -    | -    |
| WCDMA_5MHz_Nss1_1TX | Pass   | 836.6         | 13.00         | 2.87 | 1    |



## Peak to Average Power Ratio (PAPR) Results

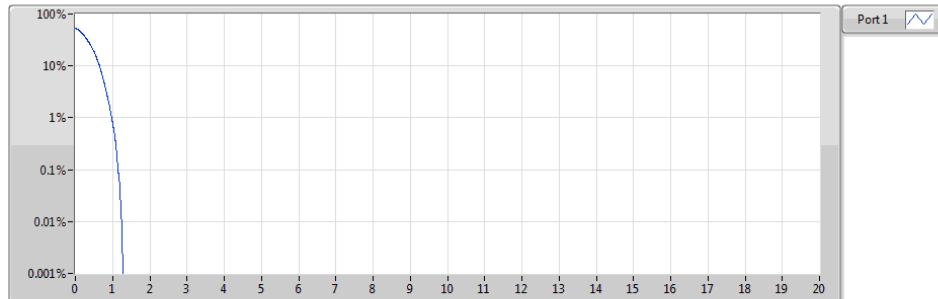
## Appendix B.3

### Result

| Mode                       | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------|--------|---------------|---------------|------|------|
| Band 5_WCDMA_5MHz_Nss1_1TX | -      | -             | -             | -    | -    |
| 836.6MHz                   | Pass   | 836.6         | 13.00         | 2.87 | 1    |

Band 5\_WCDMA\_5MHz\_Nss1\_1TX  
836.6MHz

PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 836.6      | 10M     | 2.87 | -10.13     | 13.00     | 1    |



<Mode 4> EUT 2 + LTE Band 2 Link

Summary

| Mode                      | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------|--------|---------------|---------------|------|------|
| Band 2                    | -      | -             | -             | -    | -    |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 1880          | 13.00         | 5.21 | 1    |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 1880          | 13.00         | 6.09 | 1    |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 1880          | 13.00         | 4.90 | 1    |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 1880          | 13.00         | 6.11 | 1    |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 1880          | 13.00         | 5.13 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 1880          | 13.00         | 5.83 | 1    |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 1880          | 13.00         | 5.53 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 1880          | 13.00         | 6.48 | 1    |
| LTE_15MHz_Nss1,QPSK_1TX   | Pass   | 1880          | 13.00         | 8.36 | 1    |
| LTE_15MHz_Nss1,16QAM_1TX  | Pass   | 1880          | 13.00         | 8.32 | 1    |
| LTE_20MHz_Nss1,QPSK_1TX   | Pass   | 1880          | 13.00         | 6.27 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX  | Pass   | 1880          | 13.00         | 6.90 | 1    |

## Result

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1880MHz_RB 6,#RB 0               | Pass   | 1880          | 13.00         | 5.21 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.15 | 1    |
| 1880MHz_RB 3,#RB M               | Pass   | 1880          | 13.00         | 4.63 | 1    |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1880MHz_RB 6,#RB 0               | Pass   | 1880          | 13.00         | 6.09 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 5.33 | 1    |
| 1880MHz_RB 3,#RB M               | Pass   | 1880          | 13.00         | 5.58 | 1    |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 1880MHz_RB 15,#RB 0              | Pass   | 1880          | 13.00         | 4.90 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.56 | 1    |
| 1880MHz_RB 8,#RB M               | Pass   | 1880          | 13.00         | 4.43 | 1    |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 1880MHz_RB 15,#RB 0              | Pass   | 1880          | 13.00         | 6.11 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 5.29 | 1    |
| 1880MHz_RB 8,#RB M               | Pass   | 1880          | 13.00         | 5.79 | 1    |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 1880MHz_RB 25,#RB 0              | Pass   | 1880          | 13.00         | 5.13 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.07 | 1    |
| 1880MHz_RB 12,#RB M              | Pass   | 1880          | 13.00         | 4.68 | 1    |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 1880MHz_RB 25,#RB 0              | Pass   | 1880          | 13.00         | 5.83 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.72 | 1    |
| 1880MHz_RB 12,#RB M              | Pass   | 1880          | 13.00         | 5.63 | 1    |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -             | -    | -    |
| 1880MHz_RB 50,#RB 0              | Pass   | 1880          | 13.00         | 5.53 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.10 | 1    |
| 1880MHz_RB 25,#RB M              | Pass   | 1880          | 13.00         | 4.99 | 1    |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 1880MHz_RB 50,#RB 0              | Pass   | 1880          | 13.00         | 6.48 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 5.15 | 1    |
| 1880MHz_RB 25,#RB M              | Pass   | 1880          | 13.00         | 5.93 | 1    |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX   | -      | -             | -             | -    | -    |
| 1880MHz_RB 75,#RB 0              | Pass   | 1880          | 13.00         | 6.46 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 8.36 | 1    |
| 1880MHz_RB 36,#RB M              | Pass   | 1880          | 13.00         | 6.76 | 1    |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 1880MHz_RB 75,#RB 0              | Pass   | 1880          | 13.00         | 7.36 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 8.32 | 1    |
| 1880MHz_RB 36,#RB M              | Pass   | 1880          | 13.00         | 7.26 | 1    |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX   | -      | -             | -             | -    | -    |
| 1880MHz_RB 100,#RB 0             | Pass   | 1880          | 13.00         | 6.27 | 1    |
| 1880MHz_RB 1,#RB M               | Pass   | 1880          | 13.00         | 4.15 | 1    |
| 1880MHz_RB 50,#RB M              | Pass   | 1880          | 13.00         | 5.76 | 1    |



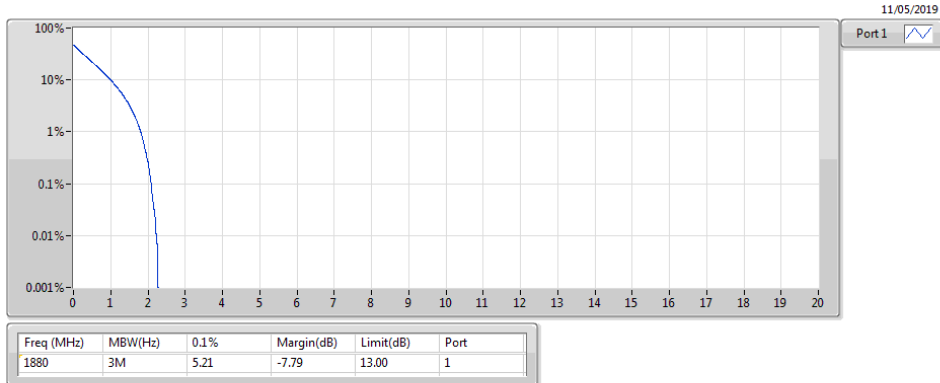
## Peak to Average Power Ratio (PAPR) Results

## Appendix B.4

| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1880MHz_RB 100,#RB 0            | Pass   | 1880          | 13.00         | 6.90 | 1    |
| 1880MHz_RB 1,#RB M              | Pass   | 1880          | 13.00         | 4.78 | 1    |
| 1880MHz_RB 50,#RB M             | Pass   | 1880          | 13.00         | 6.68 | 1    |

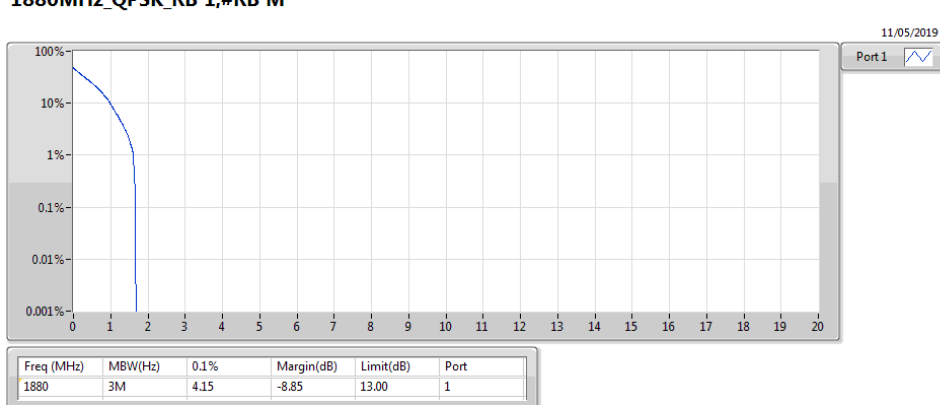
**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 6,#RB 0**

PAR



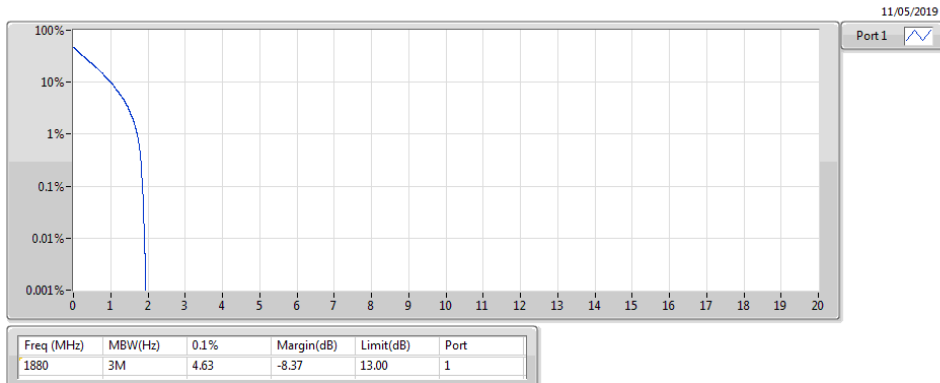
**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



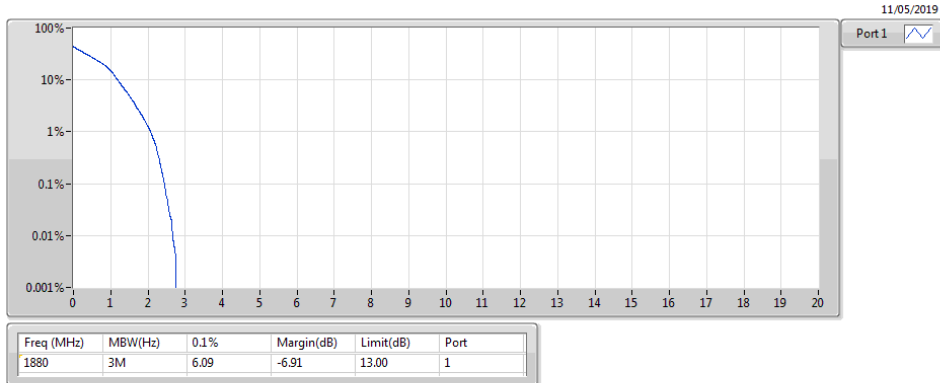
**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 3,#RB M**

PAR



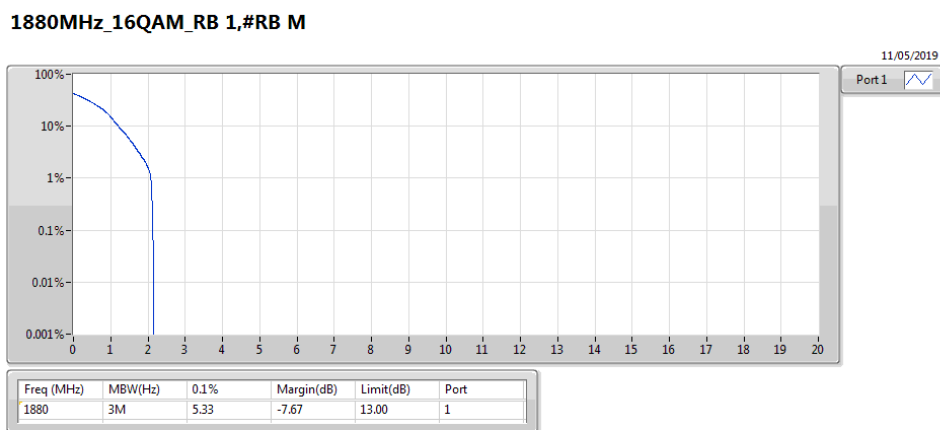
**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 6,#RB 0**

PAR



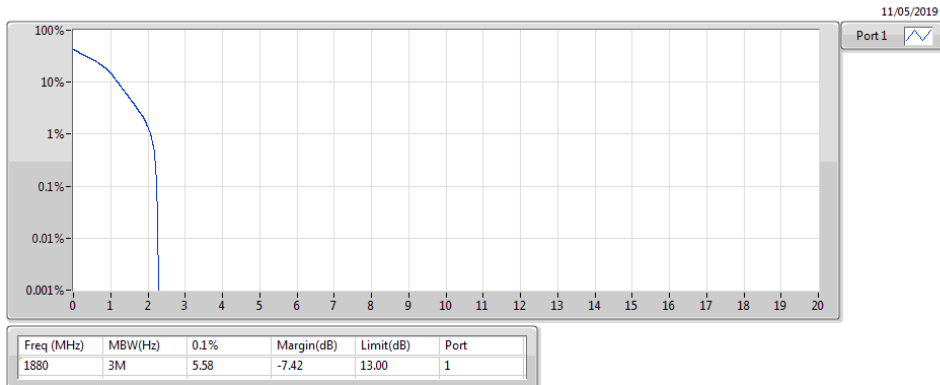
**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



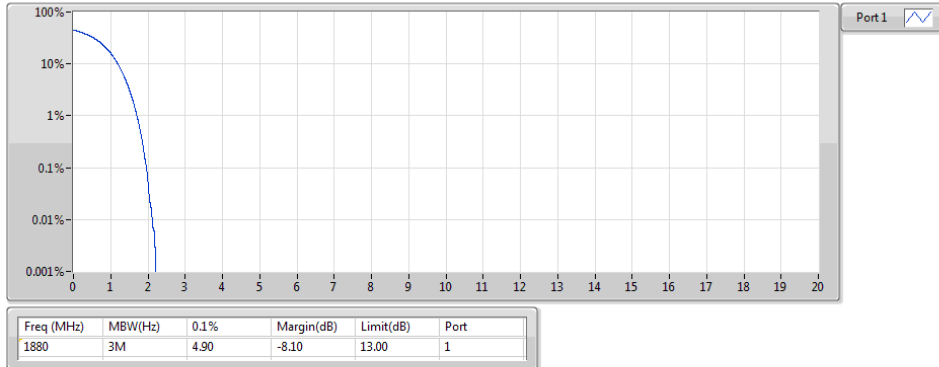
**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 3,#RB M**

PAR



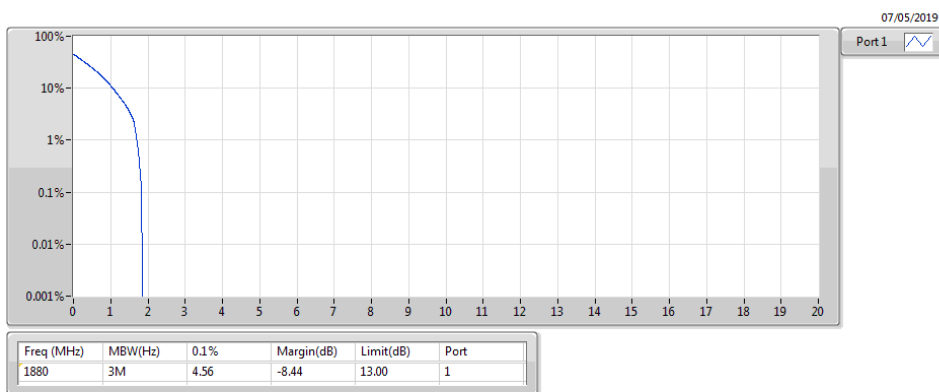
**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 15,#RB 0**

PAR



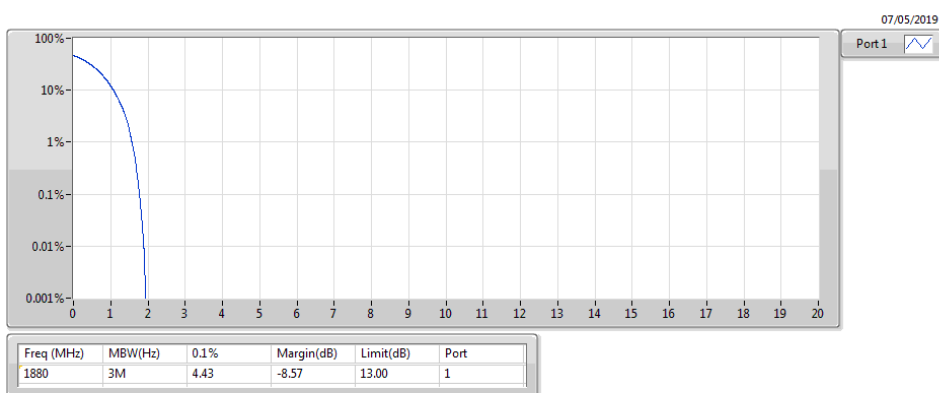
**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



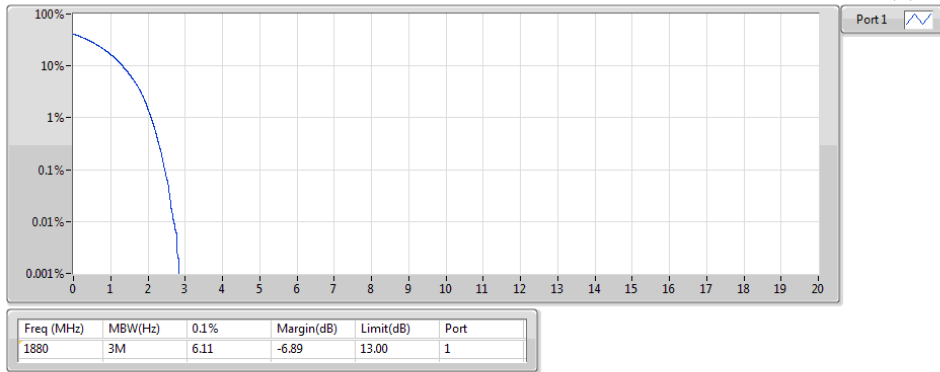
**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 8,#RB M**

PAR



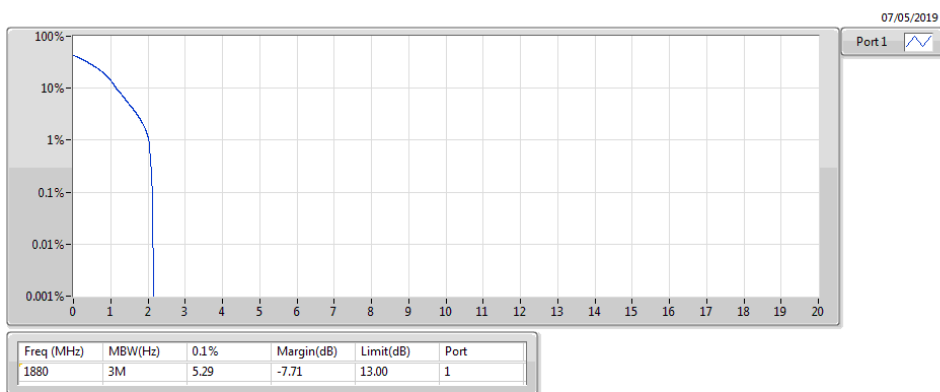
**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 15,#RB 0**

PAR



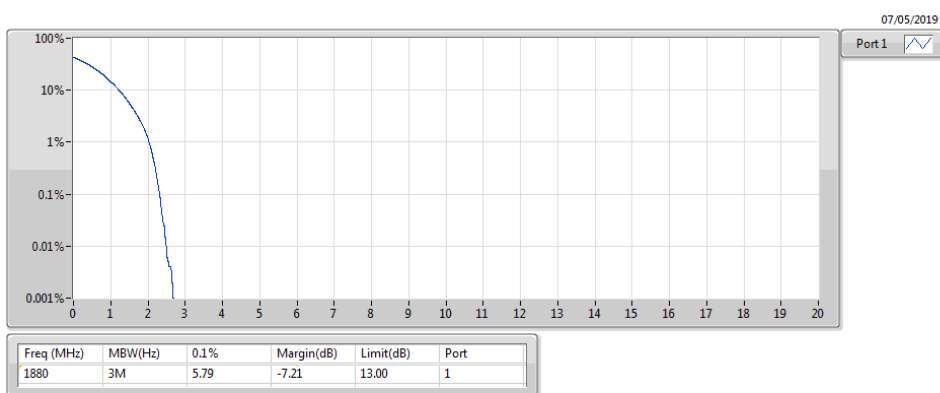
**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



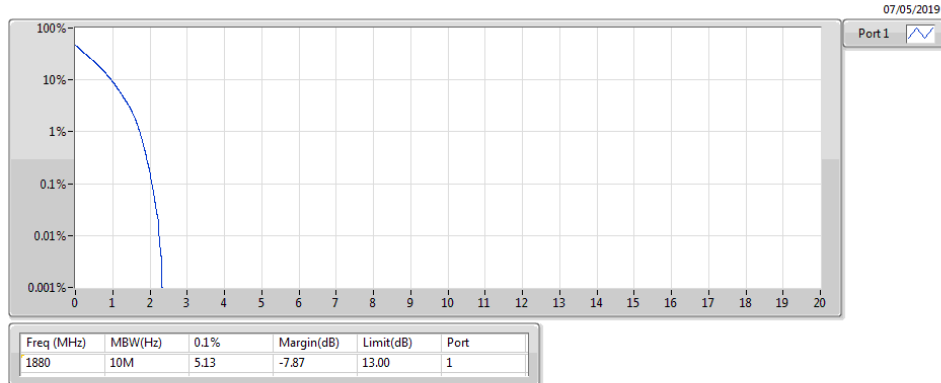
**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 8,#RB M**

PAR



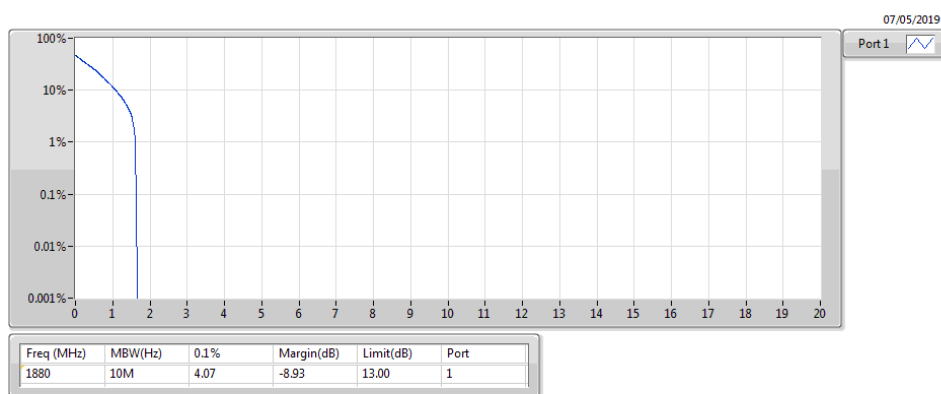
**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 25,#RB 0**

PAR



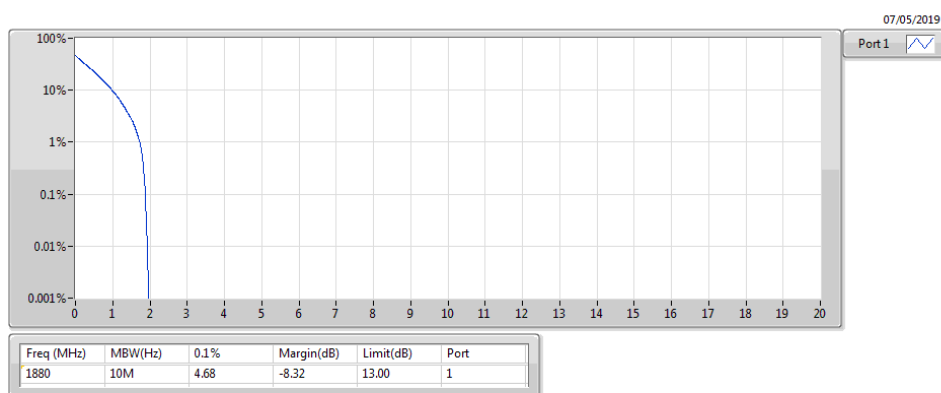
**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



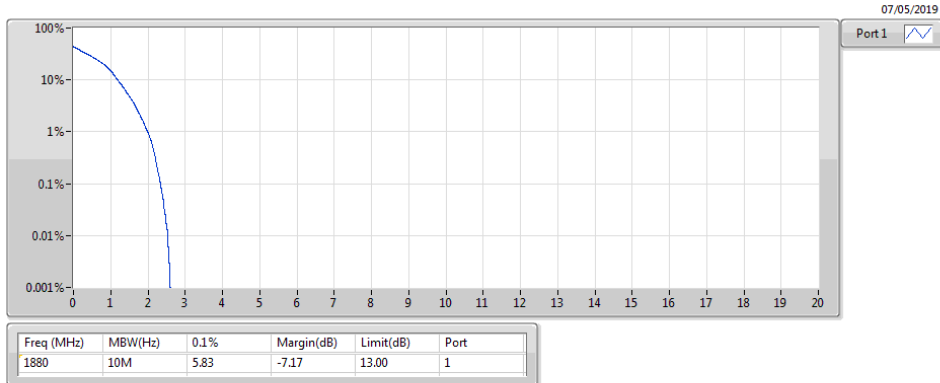
**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 12,#RB M**

PAR



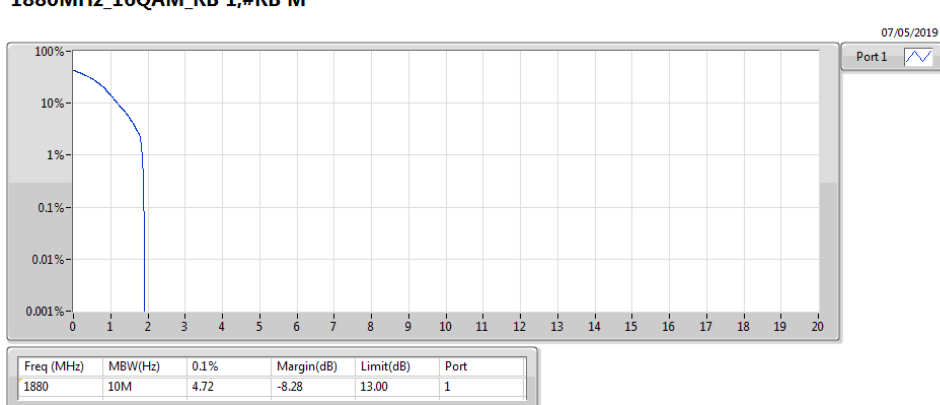
**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 25,#RB 0**

PAR



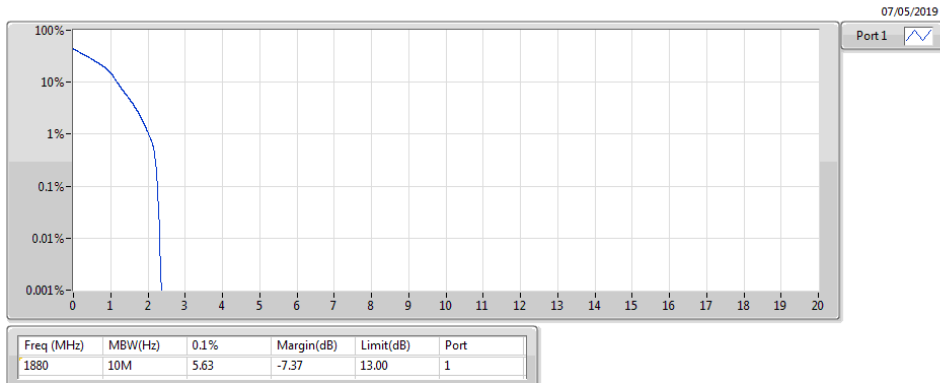
**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



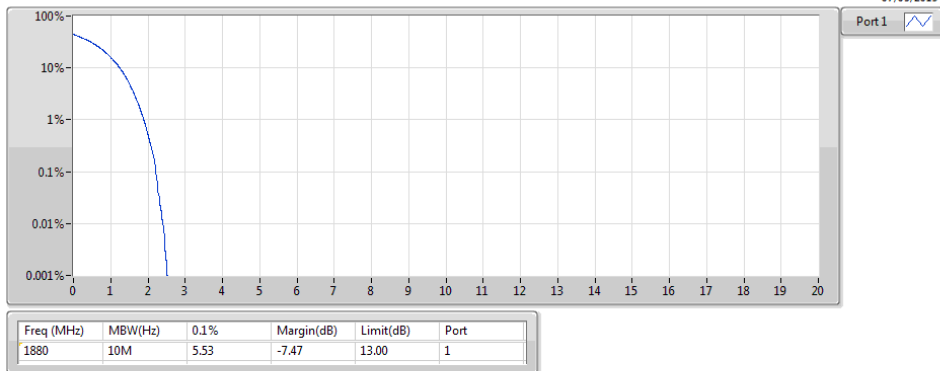
**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 12,#RB M**

PAR



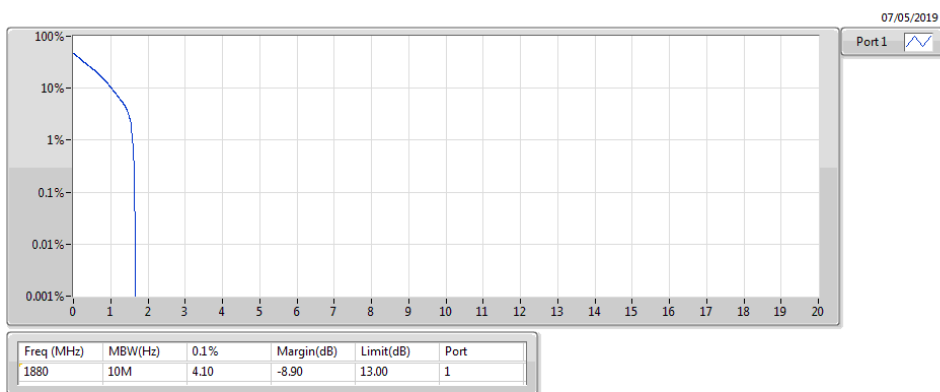
### Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX 1880MHz\_QPSK\_RB 50,#RB 0

PAR



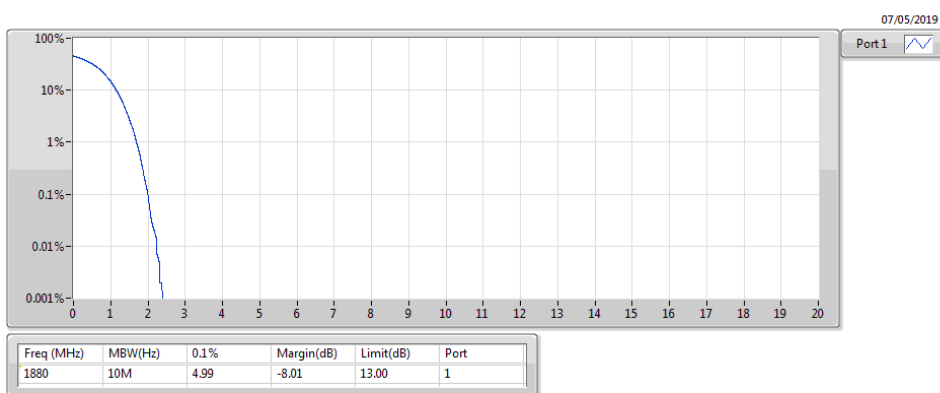
### Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX 1880MHz\_QPSK\_RB 1,#RB M

PAR



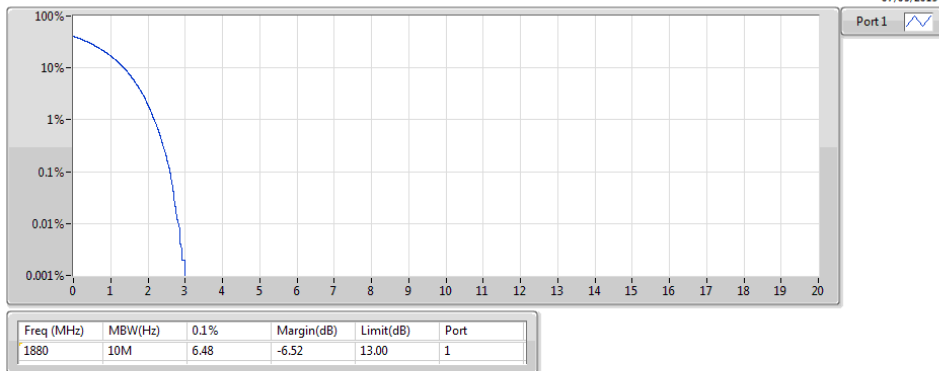
### Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX 1880MHz\_QPSK\_RB 25,#RB M

PAR



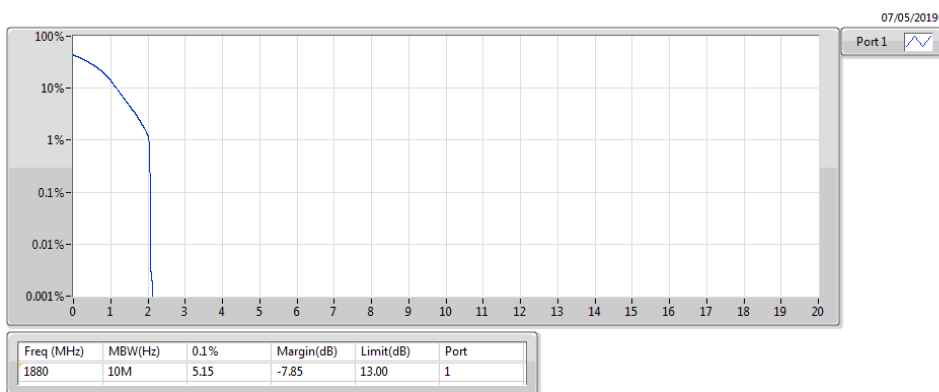
**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 50,#RB 0**

PAR



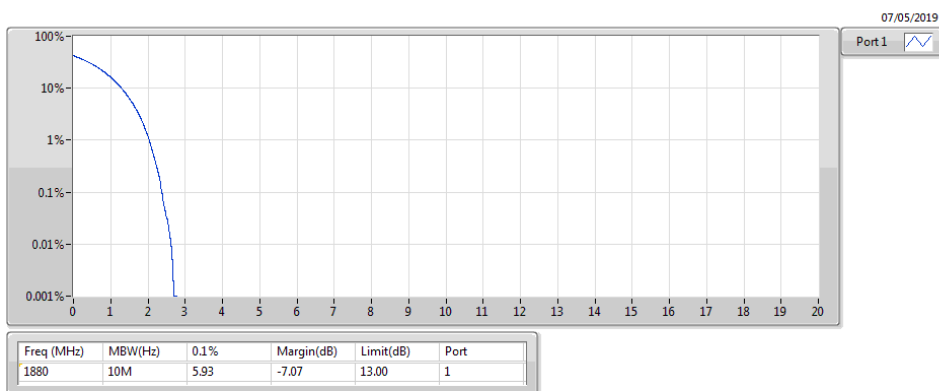
**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



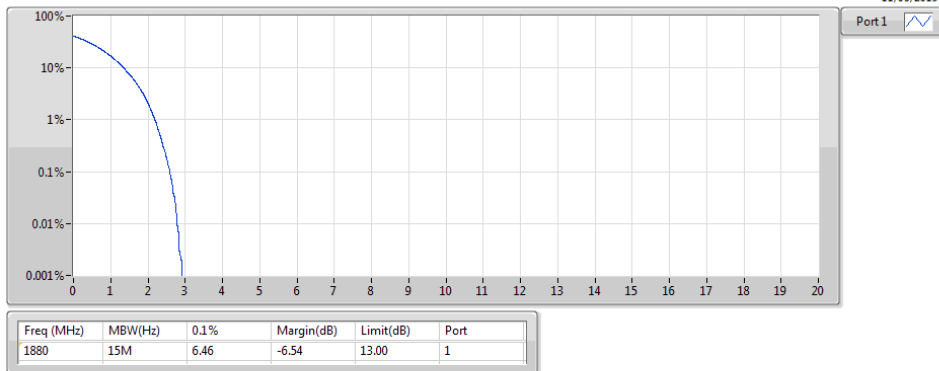
**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 25,#RB M**

PAR



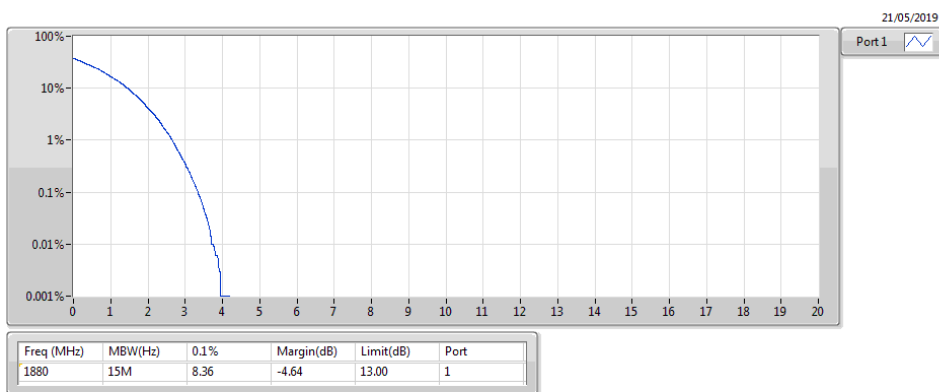
**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 75,#RB 0**

PAR



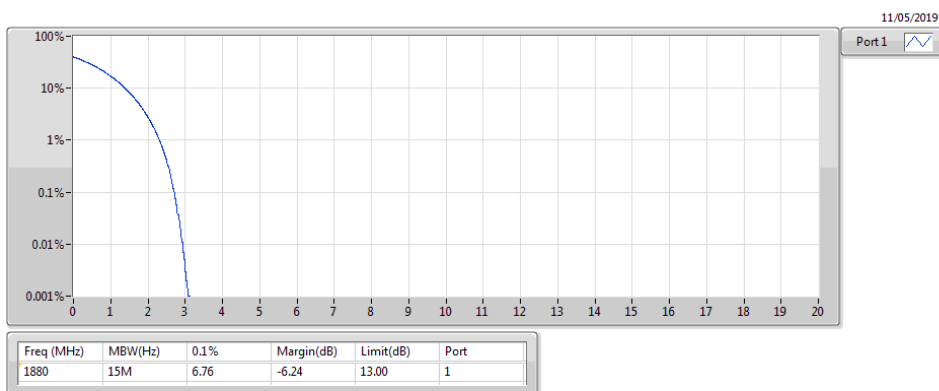
**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



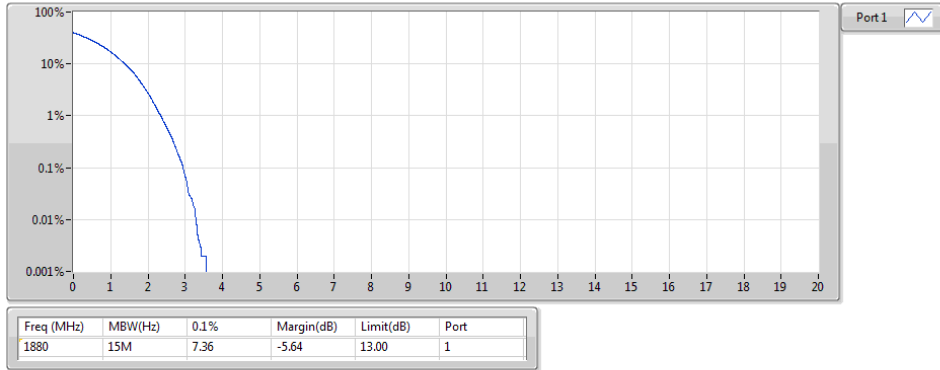
**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 36,#RB M**

PAR



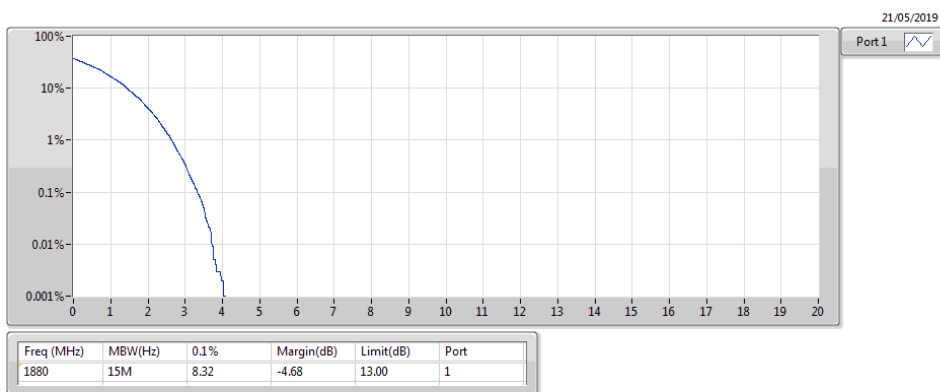
**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 75,#RB 0**

PAR



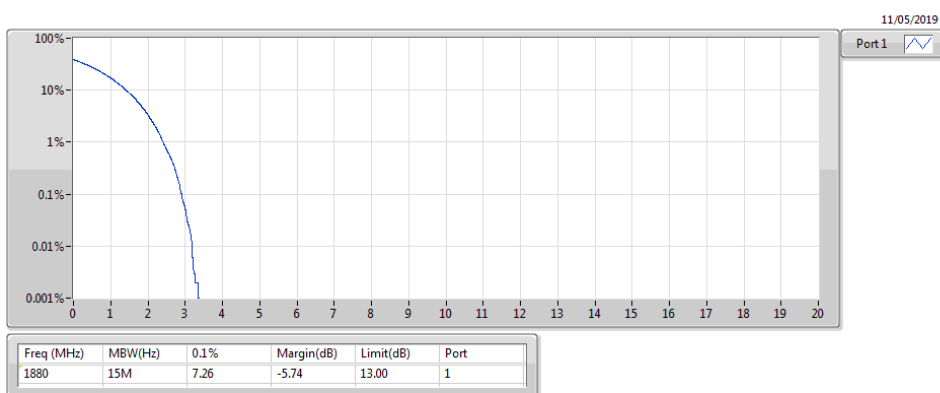
**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



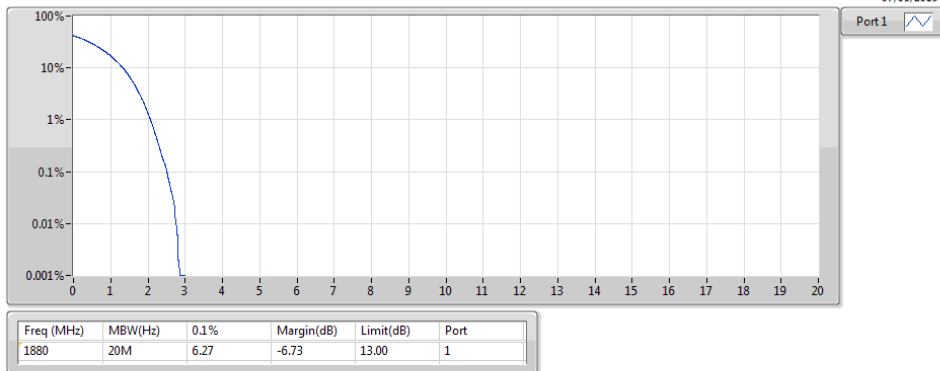
**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 36,#RB M**

PAR



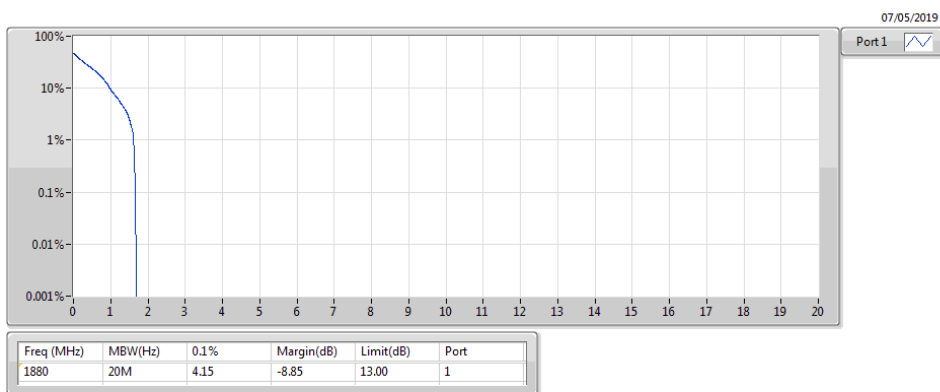
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 100,#RB 0**

PAR



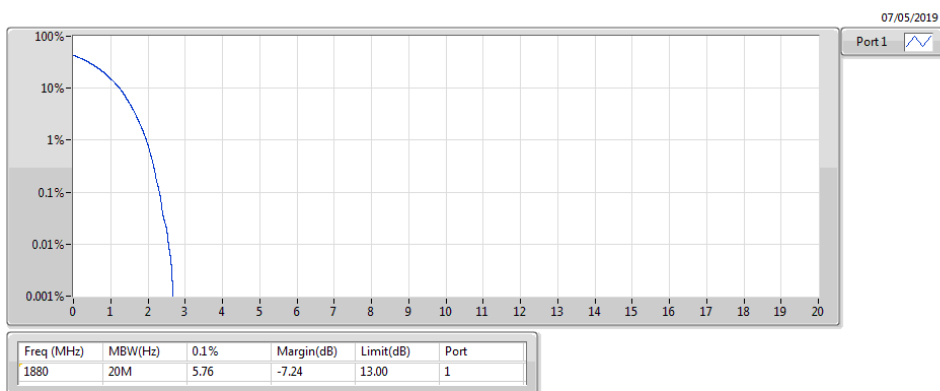
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 1,#RB M**

PAR



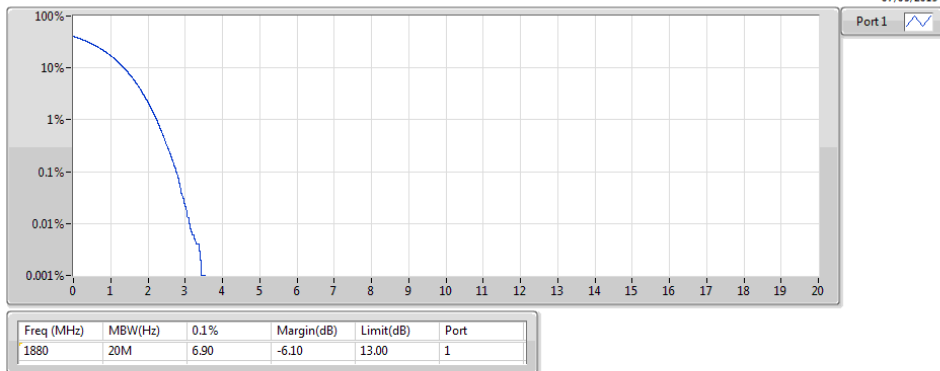
**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 50,#RB M**

PAR



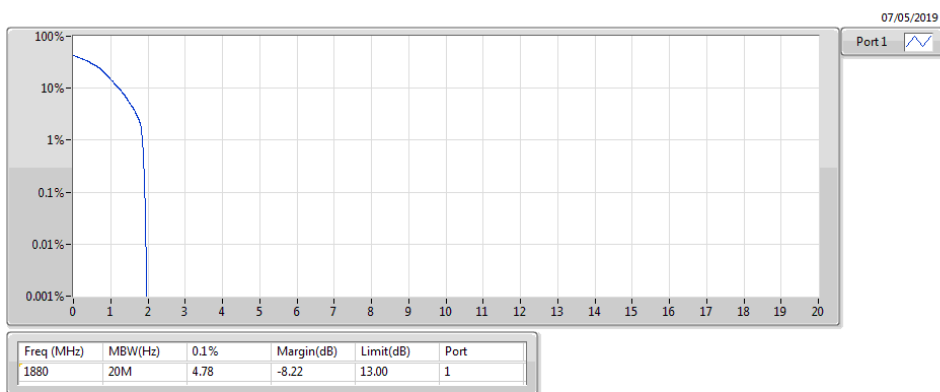
**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 100,#RB 0**

PAR



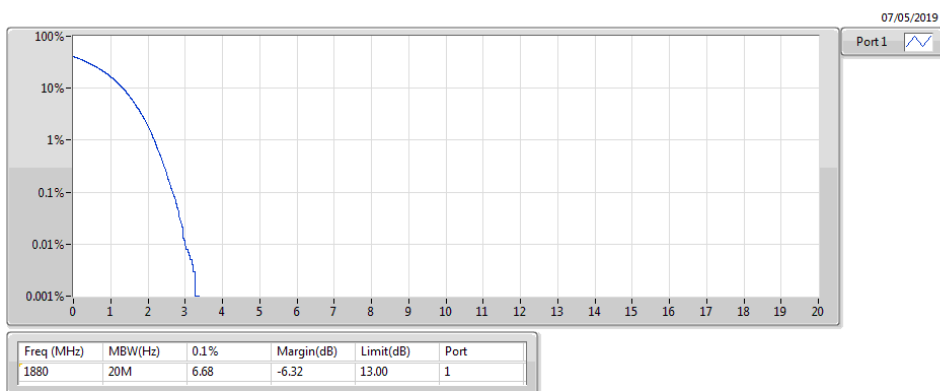
**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 50,#RB M**

PAR





<Mode 5> EUT 2 + LTE Band 4 Link

Summary

| Mode                      | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------|--------|---------------|---------------|------|------|
| Band 4                    | -      | -             | -             | -    | -    |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 1754.3        | 13.00         | 5.43 | 1    |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 1754.3        | 13.00         | 6.21 | 1    |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 1711.5        | 13.00         | 4.87 | 1    |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 1732.5        | 13.00         | 6.15 | 1    |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 1752.5        | 13.00         | 5.11 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 1752.5        | 13.00         | 5.95 | 1    |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 1750          | 13.00         | 5.61 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 1732.5        | 13.00         | 6.56 | 1    |
| LTE_15MHz_Nss1,QPSK_1TX   | Pass   | 1732.5        | 13.00         | 7.02 | 1    |
| LTE_15MHz_Nss1,16QAM_1TX  | Pass   | 1747.5        | 13.00         | 7.48 | 1    |
| LTE_20MHz_Nss1,QPSK_1TX   | Pass   | 1732.5        | 13.00         | 6.66 | 1    |
| LTE_20MHz_Nss1,16QAM_1TX  | Pass   | 1732.5        | 13.00         | 7.12 | 1    |



## Peak to Average Power Ratio (PAPR) Results

## Appendix B.5

### Result

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1710.7        | 13.00         | 4.88 | 1    |
| 1710.7MHz_RB 1,#RB M             | Pass   | 1710.7        | 13.00         | 4.84 | 1    |
| 1710.7MHz_RB 3,#RB M             | Pass   | 1710.7        | 13.00         | 4.94 | 1    |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1732.5        | 13.00         | 4.98 | 1    |
| 1732.5MHz_RB 1,#RB M             | Pass   | 1732.5        | 13.00         | 3.62 | 1    |
| 1732.5MHz_RB 3,#RB M             | Pass   | 1732.5        | 13.00         | 3.75 | 1    |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 1754.3        | 13.00         | 5.43 | 1    |
| 1754.3MHz_RB 1,#RB M             | Pass   | 1754.3        | 13.00         | 4.40 | 1    |
| 1754.3MHz_RB 3,#RB M             | Pass   | 1754.3        | 13.00         | 4.61 | 1    |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1710.7        | 13.00         | 4.87 | 1    |
| 1710.7MHz_RB 1,#RB M             | Pass   | 1710.7        | 13.00         | 4.88 | 1    |
| 1710.7MHz_RB 3,#RB M             | Pass   | 1710.7        | 13.00         | 4.81 | 1    |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1732.5        | 13.00         | 5.74 | 1    |
| 1732.5MHz_RB 1,#RB M             | Pass   | 1732.5        | 13.00         | 4.43 | 1    |
| 1732.5MHz_RB 3,#RB M             | Pass   | 1732.5        | 13.00         | 4.67 | 1    |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 1754.3        | 13.00         | 6.21 | 1    |
| 1754.3MHz_RB 1,#RB M             | Pass   | 1754.3        | 13.00         | 5.32 | 1    |
| 1754.3MHz_RB 3,#RB M             | Pass   | 1754.3        | 13.00         | 5.63 | 1    |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 1711.5MHz_RB 15,#RB 0            | Pass   | 1711.5        | 13.00         | 4.87 | 1    |
| 1711.5MHz_RB 1,#RB M             | Pass   | 1711.5        | 13.00         | 3.88 | 1    |
| 1711.5MHz_RB 8,#RB M             | Pass   | 1711.5        | 13.00         | 4.40 | 1    |
| 1732.5MHz_RB 15,#RB 0            | Pass   | 1732.5        | 13.00         | 4.86 | 1    |
| 1732.5MHz_RB 1,#RB M             | Pass   | 1732.5        | 13.00         | 3.59 | 1    |
| 1732.5MHz_RB 8,#RB M             | Pass   | 1732.5        | 13.00         | 4.46 | 1    |
| 1753.5MHz_RB 15,#RB 0            | Pass   | 1753.5        | 13.00         | 4.82 | 1    |
| 1753.5MHz_RB 1,#RB M             | Pass   | 1753.5        | 13.00         | 4.41 | 1    |
| 1753.5MHz_RB 8,#RB M             | Pass   | 1753.5        | 13.00         | 4.47 | 1    |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 1711.5MHz_RB 15,#RB 0            | Pass   | 1711.5        | 13.00         | 6.08 | 1    |
| 1711.5MHz_RB 1,#RB M             | Pass   | 1711.5        | 13.00         | 4.70 | 1    |
| 1711.5MHz_RB 8,#RB M             | Pass   | 1711.5        | 13.00         | 5.65 | 1    |
| 1732.5MHz_RB 15,#RB 0            | Pass   | 1732.5        | 13.00         | 6.15 | 1    |
| 1732.5MHz_RB 1,#RB M             | Pass   | 1732.5        | 13.00         | 4.48 | 1    |
| 1732.5MHz_RB 8,#RB M             | Pass   | 1732.5        | 13.00         | 5.94 | 1    |
| 1753.5MHz_RB 15,#RB 0            | Pass   | 1753.5        | 13.00         | 6.03 | 1    |
| 1753.5MHz_RB 1,#RB M             | Pass   | 1753.5        | 13.00         | 5.25 | 1    |
| 1753.5MHz_RB 8,#RB M             | Pass   | 1753.5        | 13.00         | 5.78 | 1    |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 1712.5MHz_RB 25,#RB 0            | Pass   | 1712.5        | 13.00         | 4.62 | 1    |
| 1712.5MHz_RB 1,#RB M             | Pass   | 1712.5        | 13.00         | 3.76 | 1    |
| 1712.5MHz_RB 12,#RB M            | Pass   | 1712.5        | 13.00         | 4.49 | 1    |



## Peak to Average Power Ratio (PAPR) Results

## Appendix B.5

| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| 1732.5MHz_RB 25,#RB 0           | Pass   | 1732.5        | 13.00         | 4.87 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 3.43 | 1    |
| 1732.5MHz_RB 12,#RB M           | Pass   | 1732.5        | 13.00         | 4.53 | 1    |
| 1752.5MHz_RB 25,#RB 0           | Pass   | 1752.5        | 13.00         | 5.11 | 1    |
| 1752.5MHz_RB 1,#RB M            | Pass   | 1752.5        | 13.00         | 4.31 | 1    |
| 1752.5MHz_RB 12,#RB M           | Pass   | 1752.5        | 13.00         | 4.74 | 1    |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 1712.5MHz_RB 25,#RB 0           | Pass   | 1712.5        | 13.00         | 5.48 | 1    |
| 1712.5MHz_RB 1,#RB M            | Pass   | 1712.5        | 13.00         | 4.52 | 1    |
| 1712.5MHz_RB 12,#RB M           | Pass   | 1712.5        | 13.00         | 5.47 | 1    |
| 1732.5MHz_RB 25,#RB 0           | Pass   | 1732.5        | 13.00         | 5.79 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 4.87 | 1    |
| 1732.5MHz_RB 12,#RB M           | Pass   | 1732.5        | 13.00         | 5.85 | 1    |
| 1752.5MHz_RB 25,#RB 0           | Pass   | 1752.5        | 13.00         | 5.95 | 1    |
| 1752.5MHz_RB 1,#RB M            | Pass   | 1752.5        | 13.00         | 5.12 | 1    |
| 1752.5MHz_RB 12,#RB M           | Pass   | 1752.5        | 13.00         | 5.76 | 1    |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1715MHz_RB 50,#RB 0             | Pass   | 1715          | 13.00         | 5.50 | 1    |
| 1715MHz_RB 1,#RB M              | Pass   | 1715          | 13.00         | 3.90 | 1    |
| 1715MHz_RB 25,#RB M             | Pass   | 1715          | 13.00         | 4.87 | 1    |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 1732.5        | 13.00         | 5.43 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 3.55 | 1    |
| 1732.5MHz_RB 25,#RB M           | Pass   | 1732.5        | 13.00         | 4.89 | 1    |
| 1750MHz_RB 50,#RB 0             | Pass   | 1750          | 13.00         | 5.61 | 1    |
| 1750MHz_RB 1,#RB M              | Pass   | 1750          | 13.00         | 4.29 | 1    |
| 1750MHz_RB 25,#RB M             | Pass   | 1750          | 13.00         | 4.91 | 1    |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1715MHz_RB 50,#RB 0             | Pass   | 1715          | 13.00         | 6.47 | 1    |
| 1715MHz_RB 1,#RB M              | Pass   | 1715          | 13.00         | 4.64 | 1    |
| 1715MHz_RB 25,#RB M             | Pass   | 1715          | 13.00         | 6.02 | 1    |
| 1732.5MHz_RB 50,#RB 0           | Pass   | 1732.5        | 13.00         | 6.56 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 4.93 | 1    |
| 1732.5MHz_RB 25,#RB M           | Pass   | 1732.5        | 13.00         | 6.12 | 1    |
| 1750MHz_RB 50,#RB 0             | Pass   | 1750          | 13.00         | 6.49 | 1    |
| 1750MHz_RB 1,#RB M              | Pass   | 1750          | 13.00         | 5.05 | 1    |
| 1750MHz_RB 25,#RB M             | Pass   | 1750          | 13.00         | 5.98 | 1    |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1717.5        | 13.00         | 6.41 | 1    |
| 1717.5MHz_RB 1,#RB M            | Pass   | 1717.5        | 13.00         | 6.39 | 1    |
| 1717.5MHz_RB 36,#RB M           | Pass   | 1717.5        | 13.00         | 6.83 | 1    |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1732.5        | 13.00         | 6.58 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 6.51 | 1    |
| 1732.5MHz_RB 36,#RB M           | Pass   | 1732.5        | 13.00         | 7.02 | 1    |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 1747.5        | 13.00         | 6.37 | 1    |
| 1747.5MHz_RB 1,#RB M            | Pass   | 1747.5        | 13.00         | 6.48 | 1    |



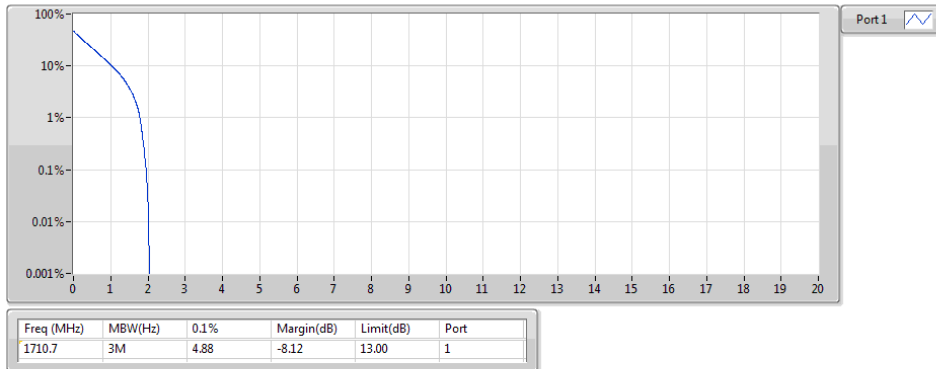
## Peak to Average Power Ratio (PAPR) Results

## Appendix B.5

| Mode                            | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------------|--------|---------------|---------------|------|------|
| 1747.5MHz_RB 36,#RB M           | Pass   | 1747.5        | 13.00         | 6.78 | 1    |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1717.5        | 13.00         | 7.15 | 1    |
| 1717.5MHz_RB 1,#RB M            | Pass   | 1717.5        | 13.00         | 6.32 | 1    |
| 1717.5MHz_RB 36,#RB M           | Pass   | 1717.5        | 13.00         | 7.38 | 1    |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1732.5        | 13.00         | 7.31 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 6.52 | 1    |
| 1732.5MHz_RB 36,#RB M           | Pass   | 1732.5        | 13.00         | 7.36 | 1    |
| 1747.5MHz_RB 75,#RB 0           | Pass   | 1747.5        | 13.00         | 7.13 | 1    |
| 1747.5MHz_RB 1,#RB M            | Pass   | 1747.5        | 13.00         | 6.41 | 1    |
| 1747.5MHz_RB 36,#RB M           | Pass   | 1747.5        | 13.00         | 7.48 | 1    |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0            | Pass   | 1720          | 13.00         | 6.36 | 1    |
| 1720MHz_RB 1,#RB M              | Pass   | 1720          | 13.00         | 3.98 | 1    |
| 1720MHz_RB 50,#RB M             | Pass   | 1720          | 13.00         | 5.87 | 1    |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 1732.5        | 13.00         | 6.66 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 3.97 | 1    |
| 1732.5MHz_RB 50,#RB M           | Pass   | 1732.5        | 13.00         | 6.08 | 1    |
| 1745MHz_RB 100,#RB 0            | Pass   | 1745          | 13.00         | 6.05 | 1    |
| 1745MHz_RB 1,#RB M              | Pass   | 1745          | 13.00         | 3.78 | 1    |
| 1745MHz_RB 50,#RB M             | Pass   | 1745          | 13.00         | 5.76 | 1    |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 1720MHz_RB 100,#RB 0            | Pass   | 1720          | 13.00         | 6.89 | 1    |
| 1720MHz_RB 1,#RB M              | Pass   | 1720          | 13.00         | 4.93 | 1    |
| 1720MHz_RB 50,#RB M             | Pass   | 1720          | 13.00         | 6.59 | 1    |
| 1732.5MHz_RB 100,#RB 0          | Pass   | 1732.5        | 13.00         | 7.12 | 1    |
| 1732.5MHz_RB 1,#RB M            | Pass   | 1732.5        | 13.00         | 5.04 | 1    |
| 1732.5MHz_RB 50,#RB M           | Pass   | 1732.5        | 13.00         | 6.78 | 1    |
| 1745MHz_RB 100,#RB 0            | Pass   | 1745          | 13.00         | 6.79 | 1    |
| 1745MHz_RB 1,#RB M              | Pass   | 1745          | 13.00         | 4.96 | 1    |
| 1745MHz_RB 50,#RB M             | Pass   | 1745          | 13.00         | 6.64 | 1    |

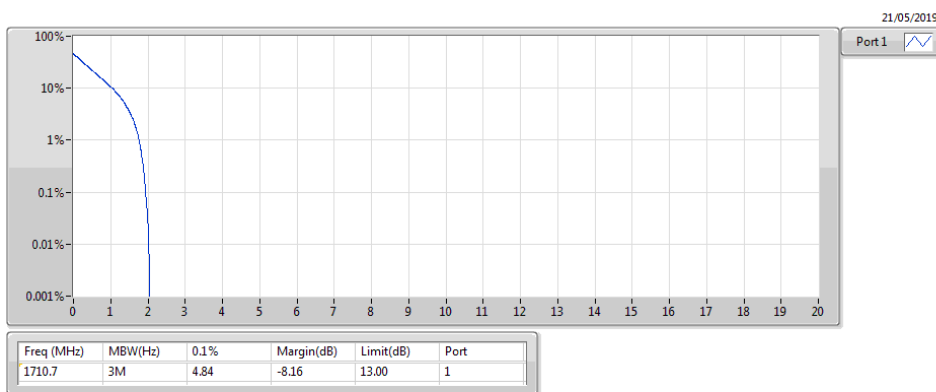
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**1710.7MHz\_QPSK\_RB 6,#RB 0**

PAR



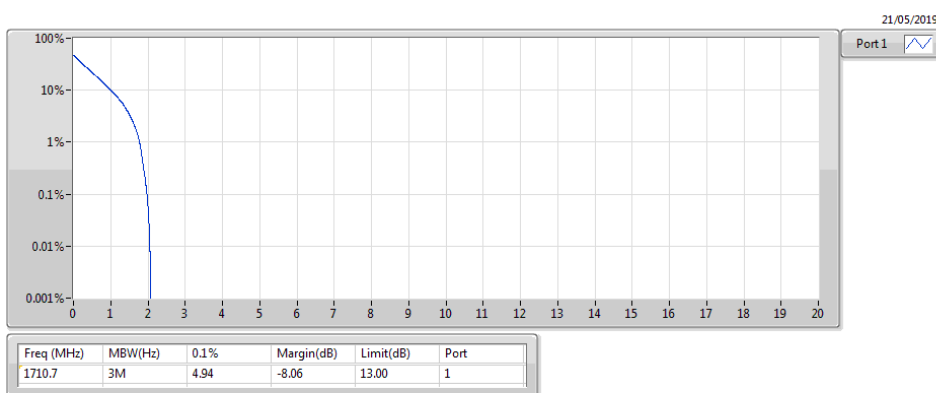
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**1710.7MHz\_QPSK\_RB 1,#RB M**

PAR



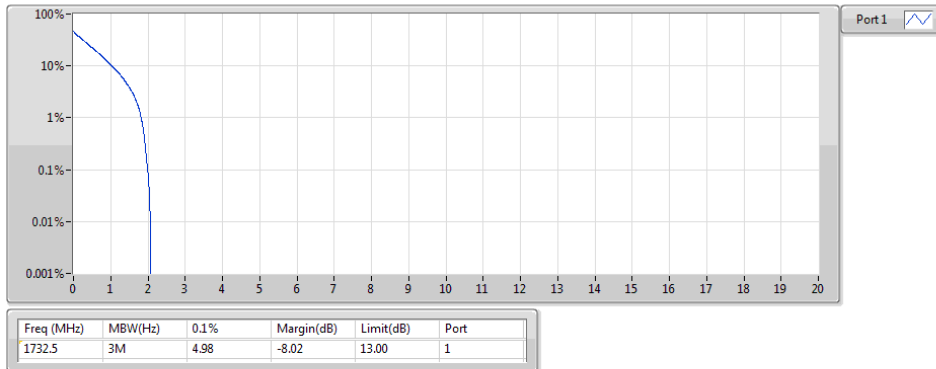
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PAR



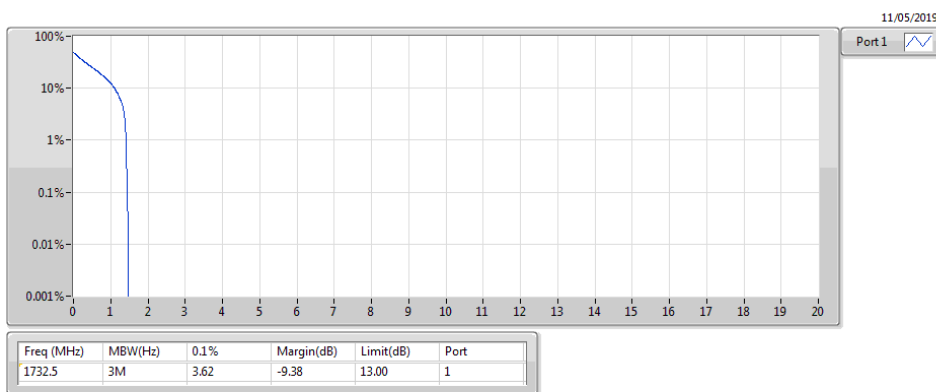
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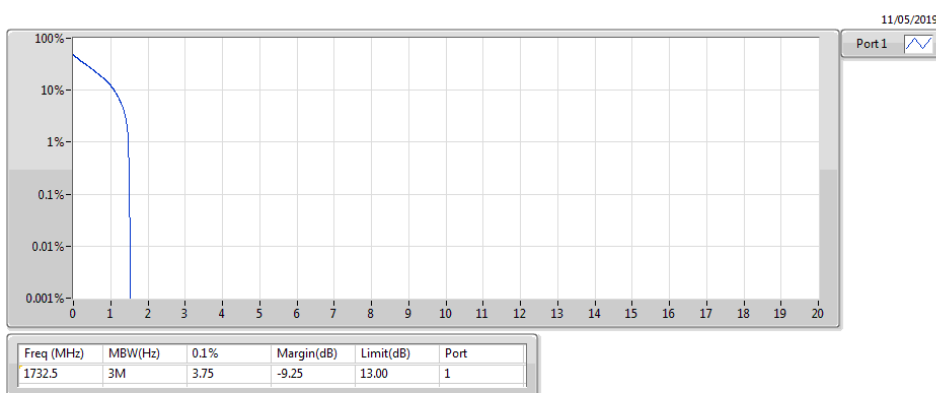
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PAR



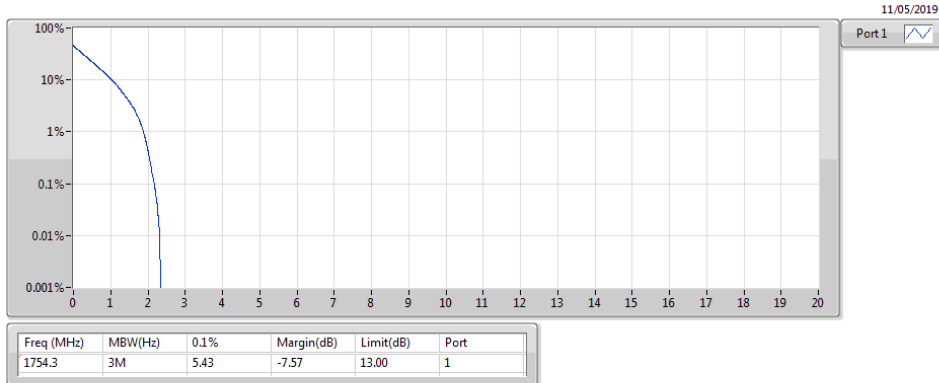
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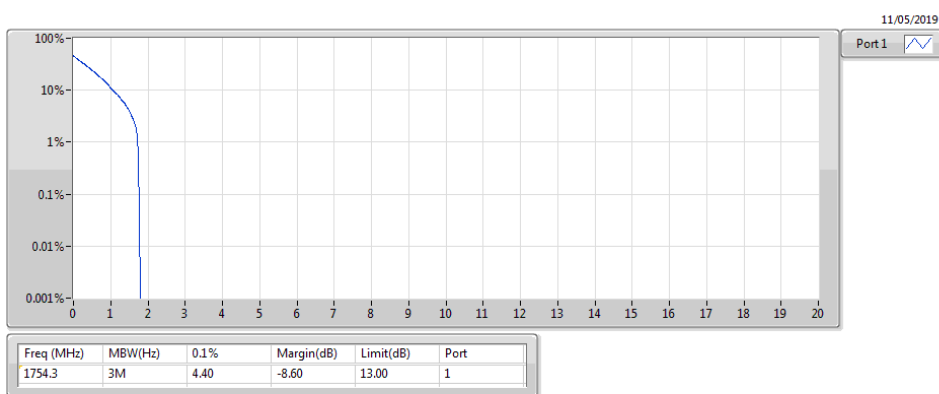
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PAR



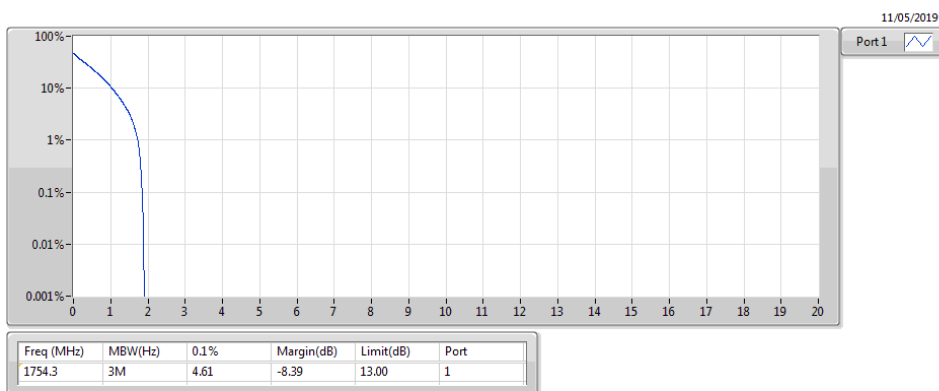
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**1754.3MHz\_QPSK\_RB 1,#RB M**

PAR



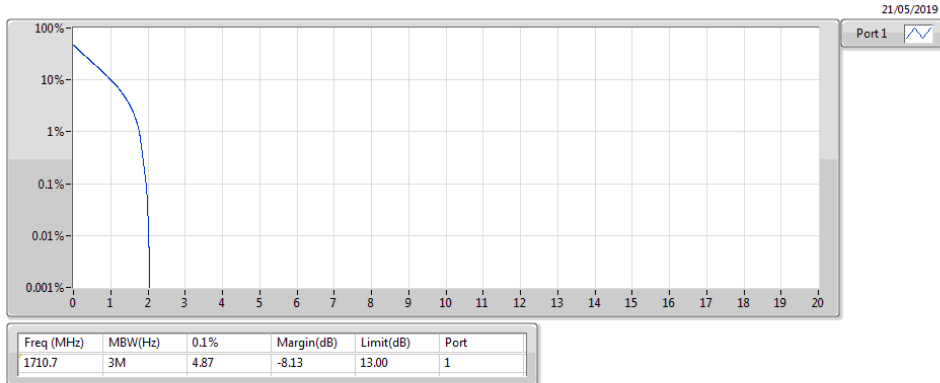
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PAR



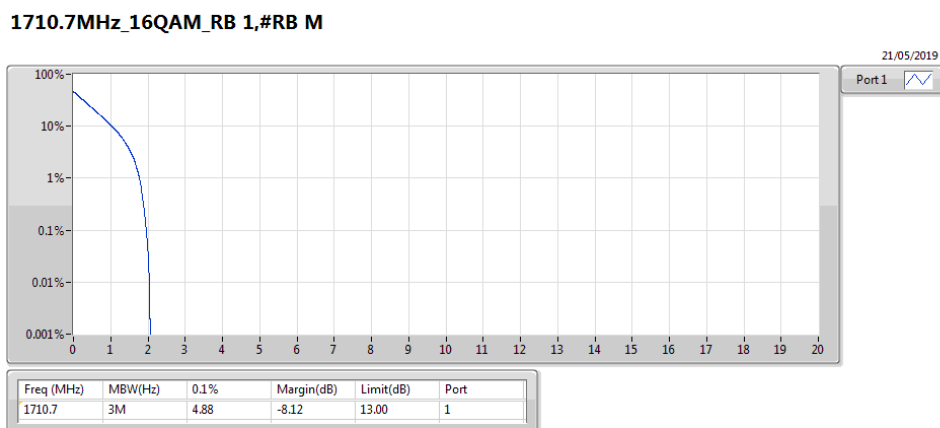
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PAR



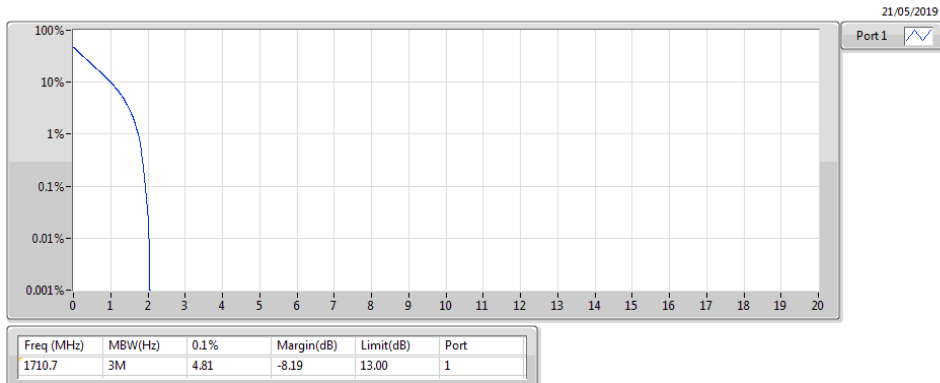
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PAR



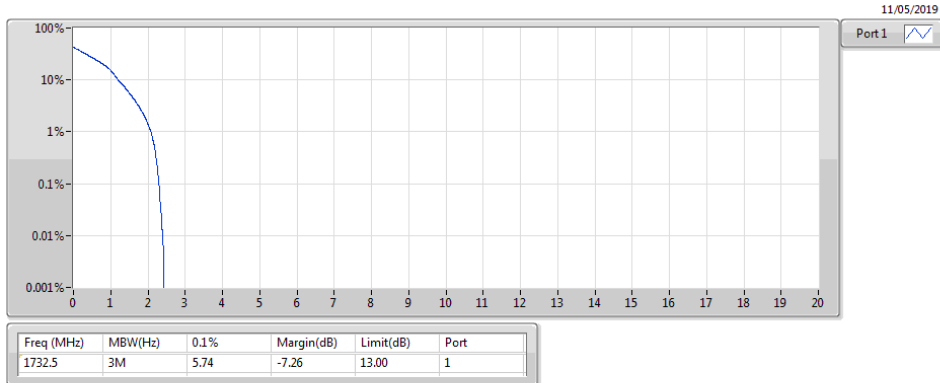
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PAR



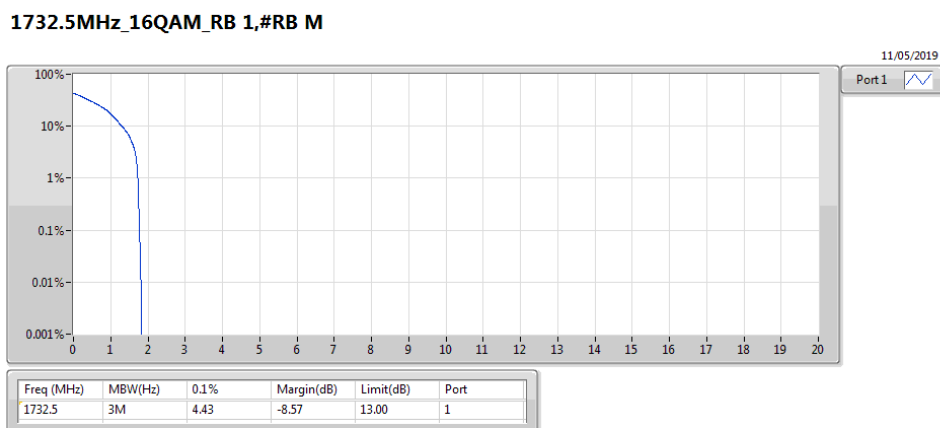
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PAR



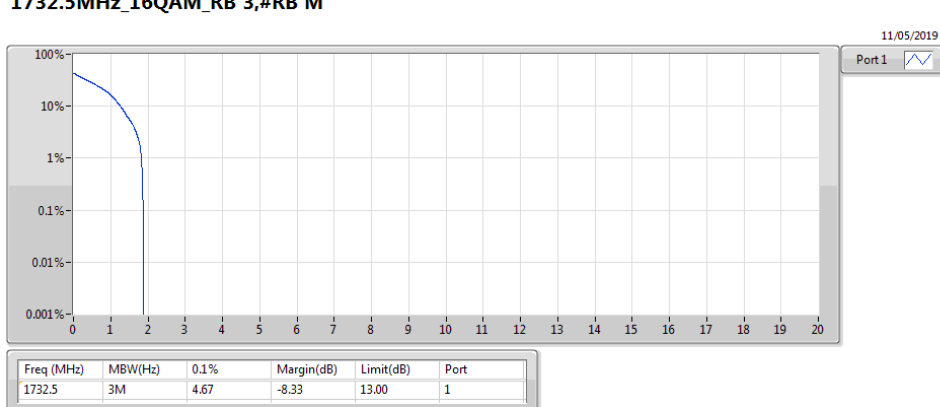
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PAR



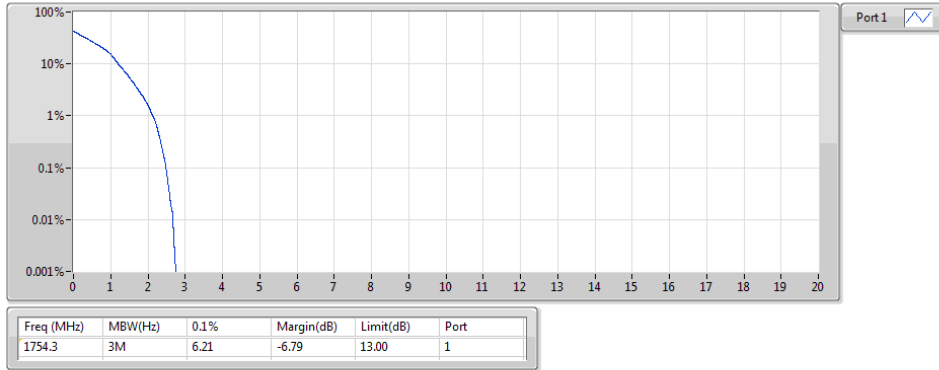
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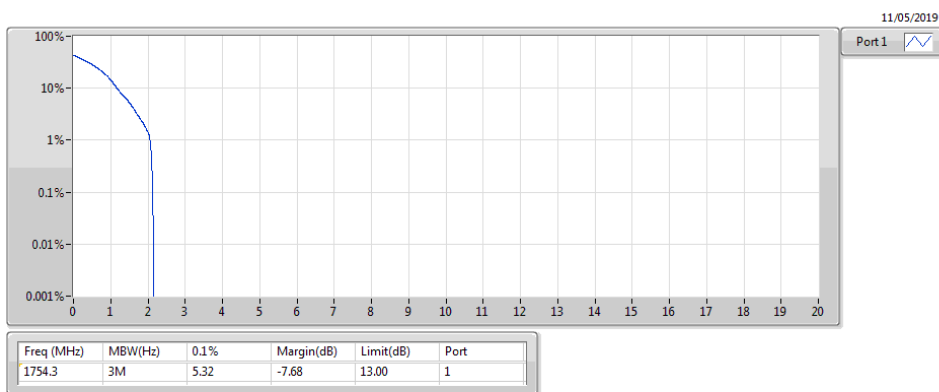
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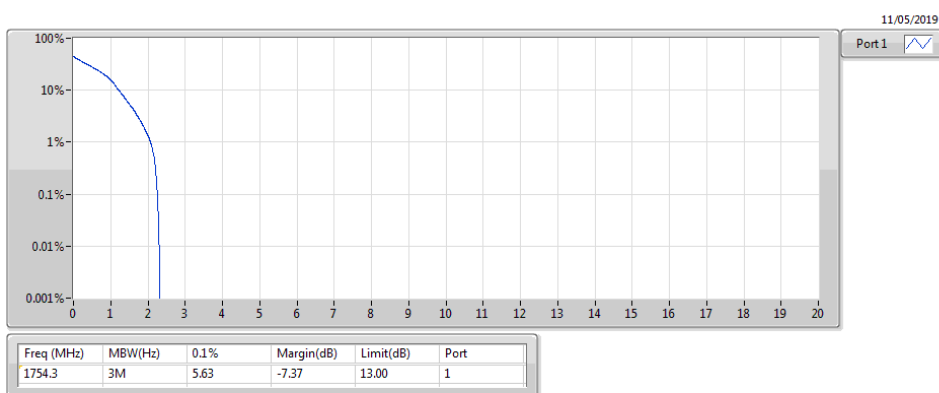
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PAR



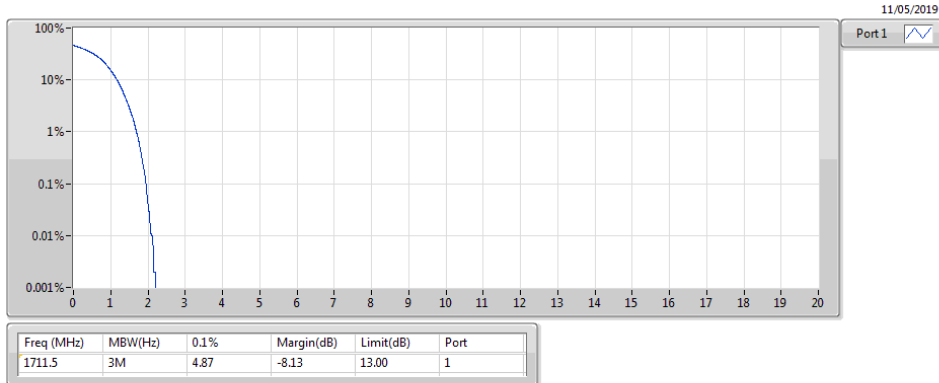
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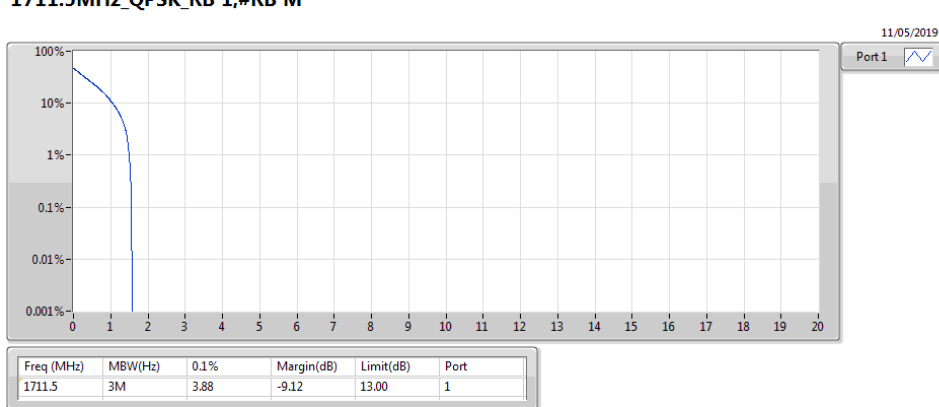
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PAR



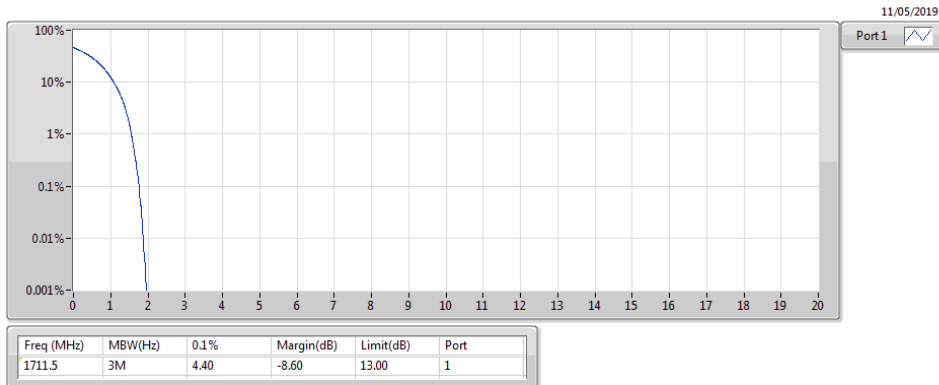
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PAR



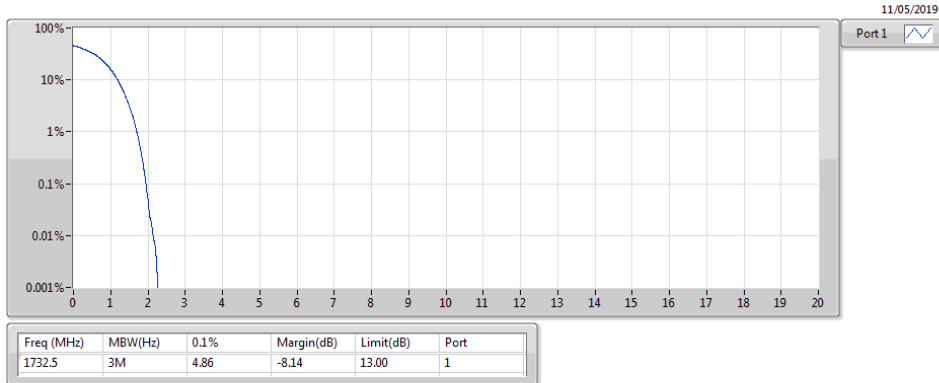
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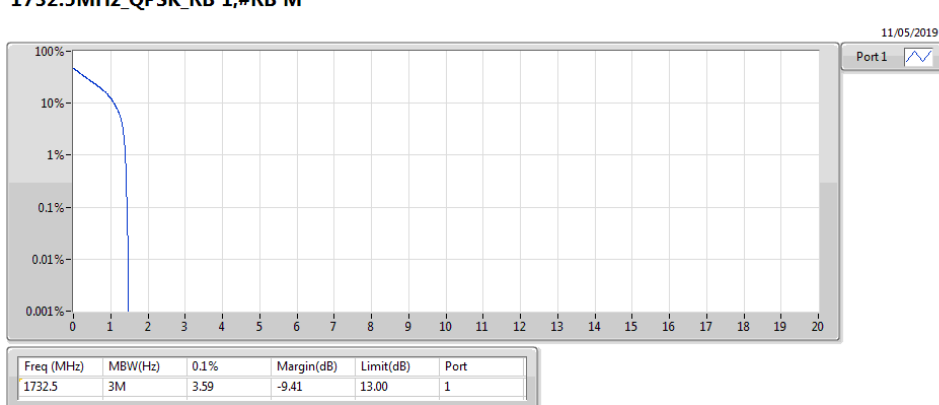
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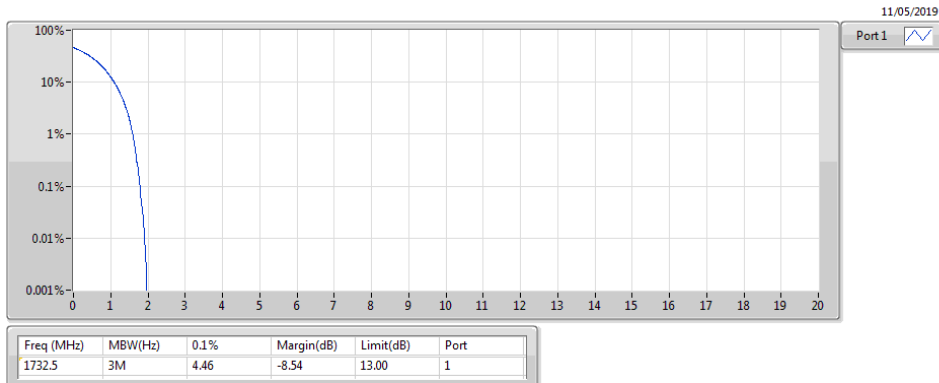
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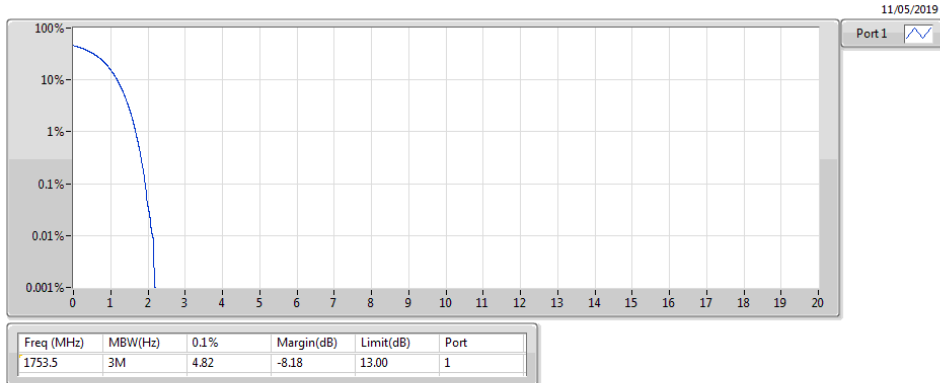
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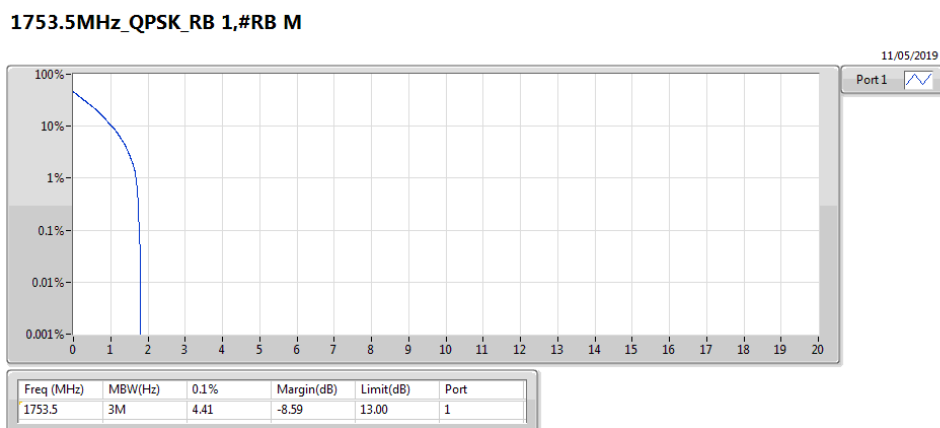
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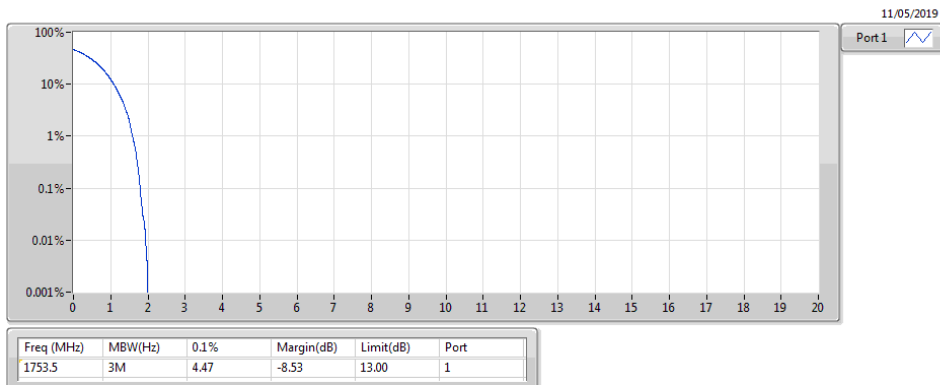
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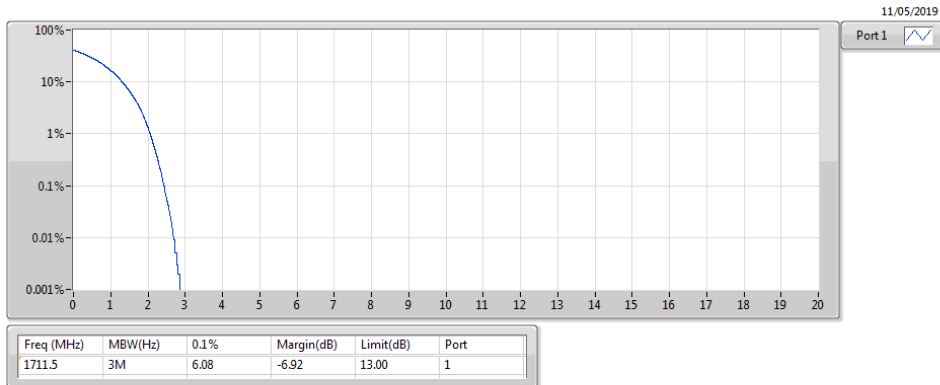
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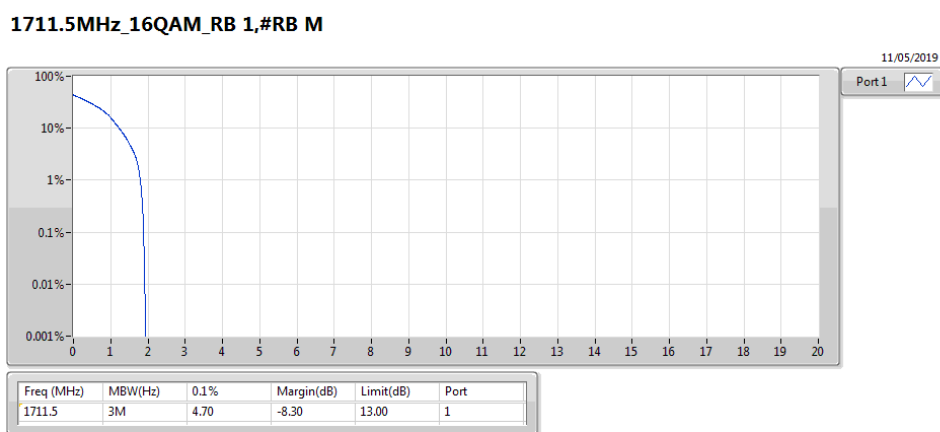
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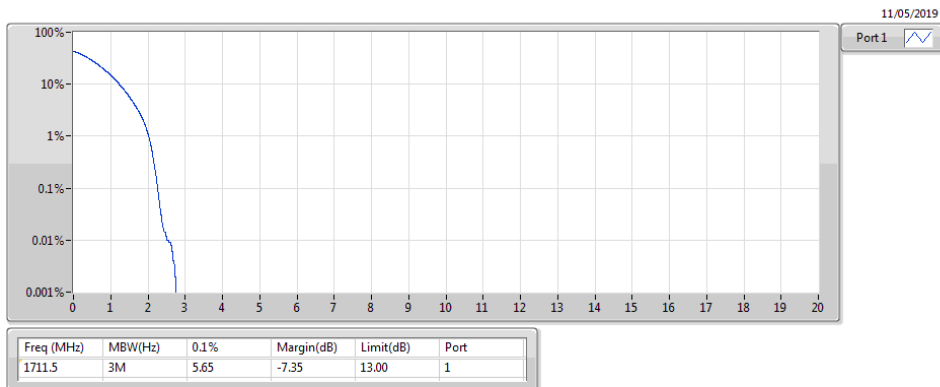
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PAR



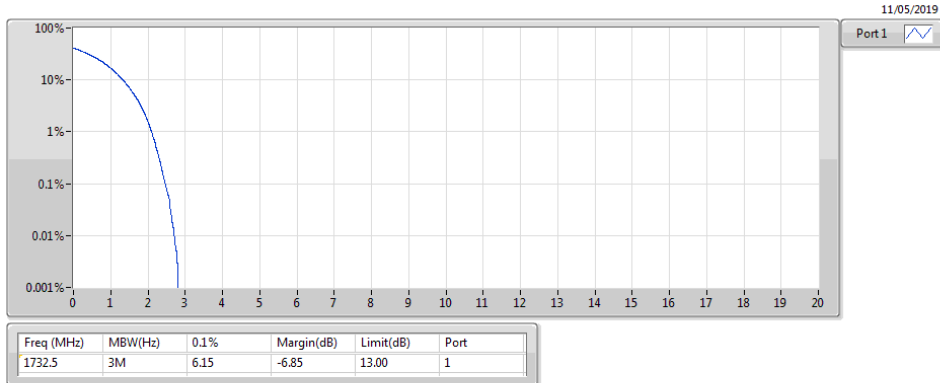
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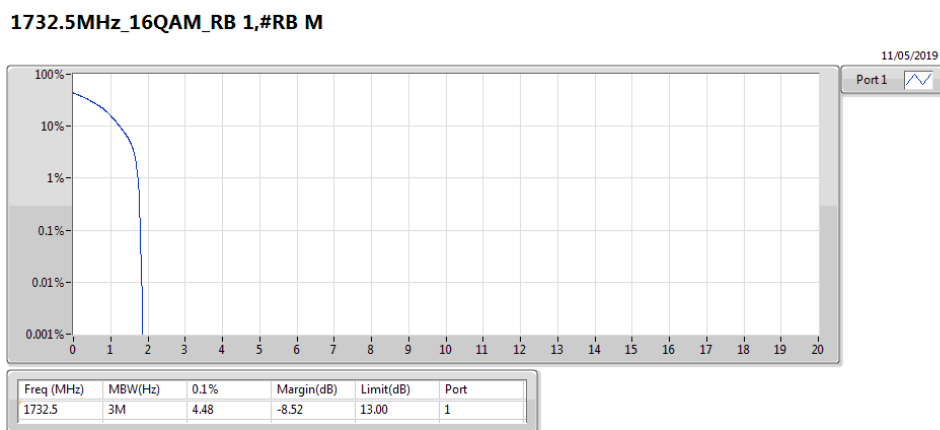
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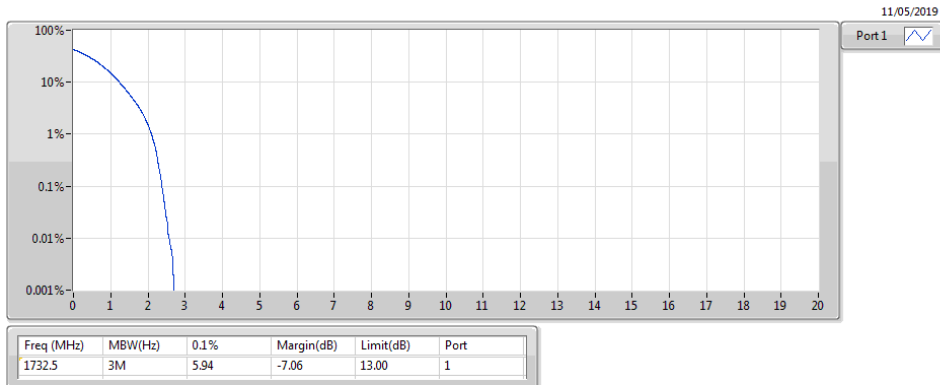
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PAR



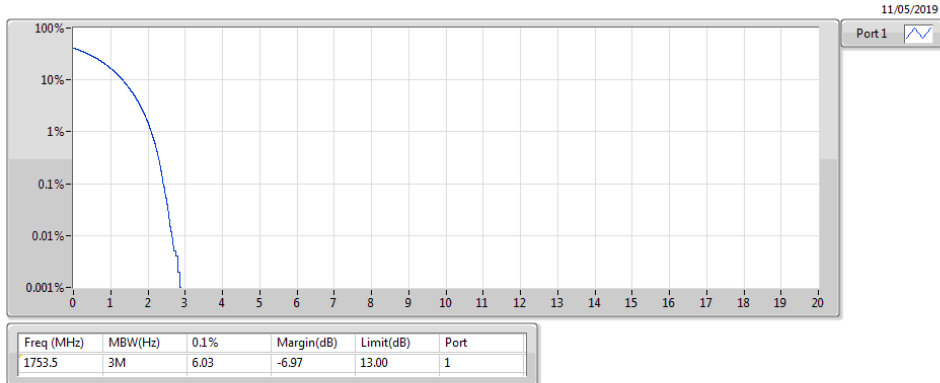
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PAR



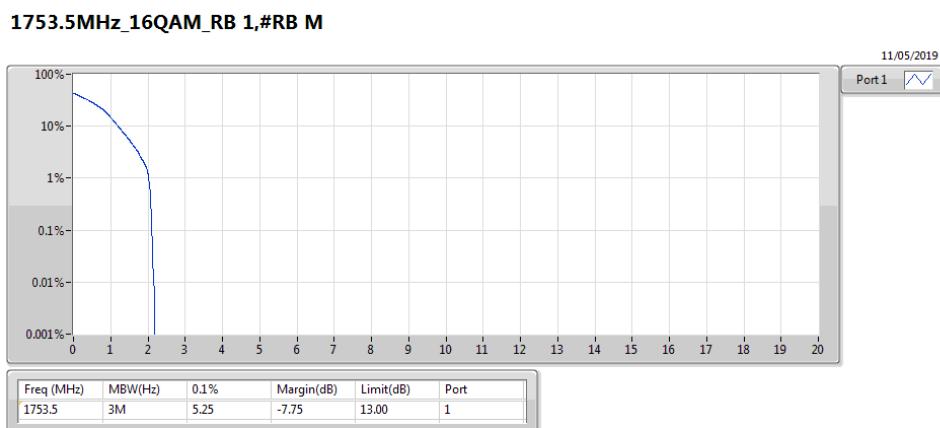
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PAR



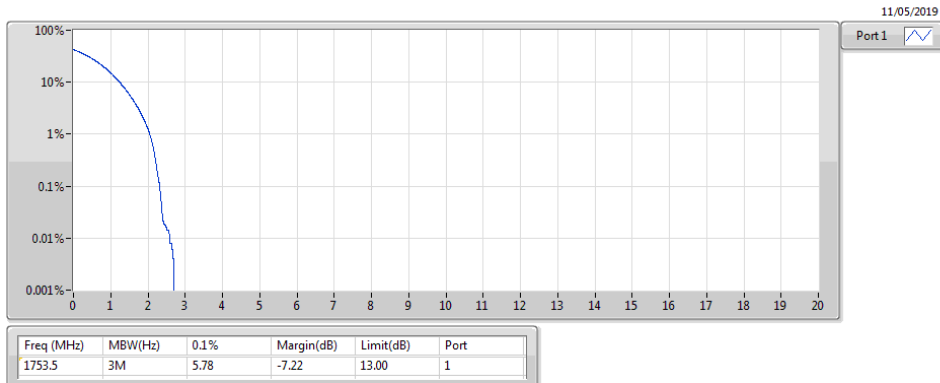
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PAR



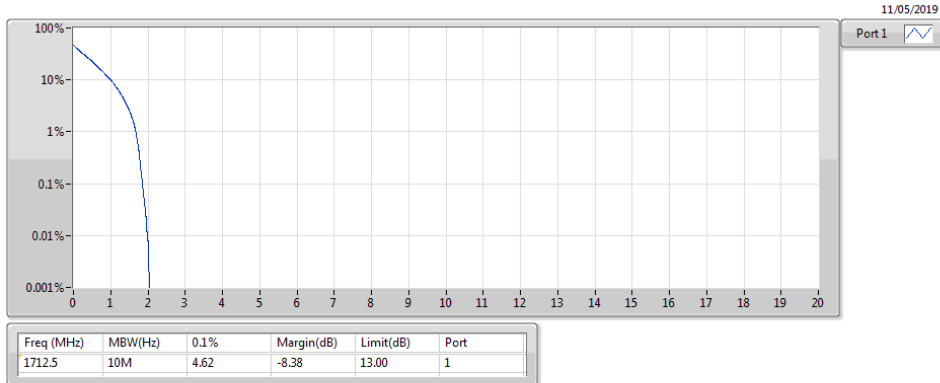
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PAR



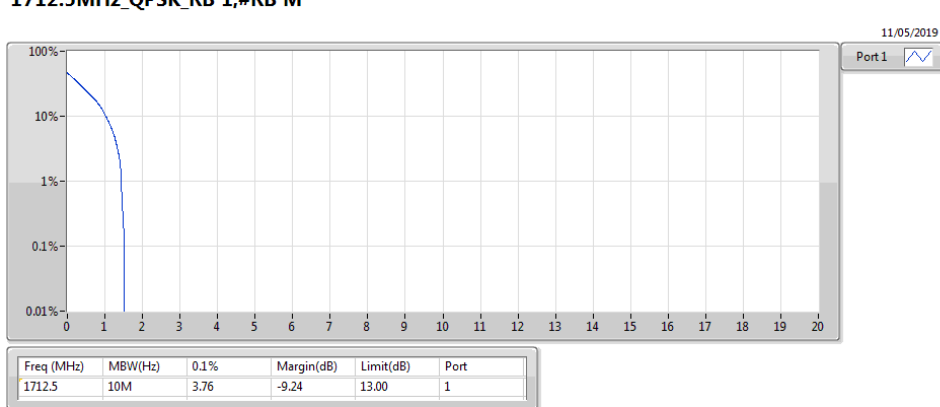
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PAR



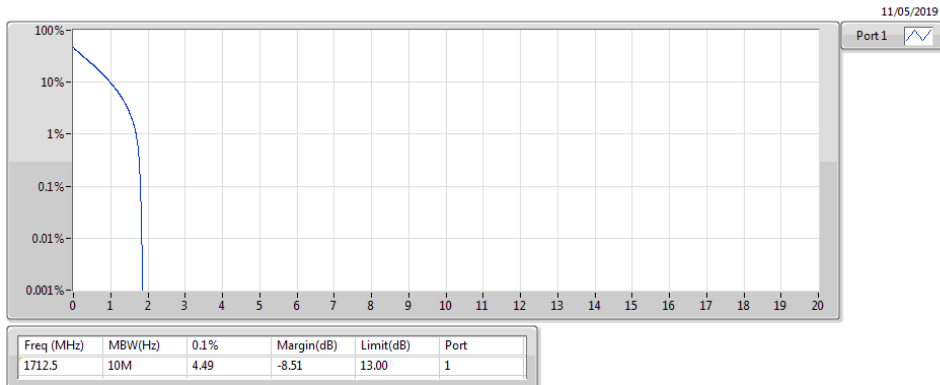
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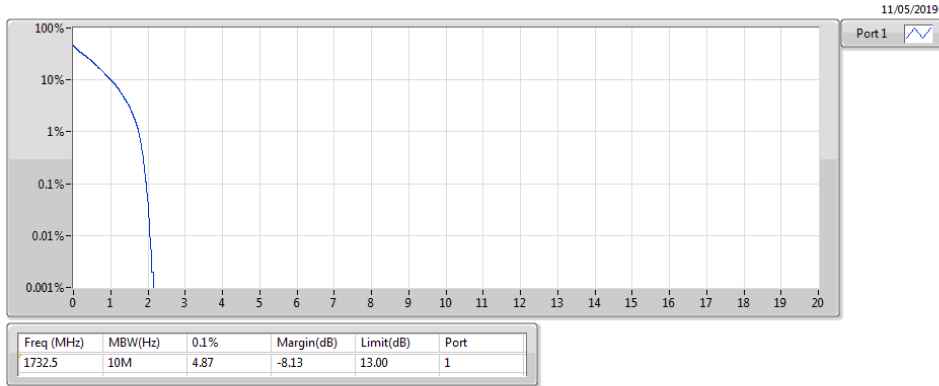
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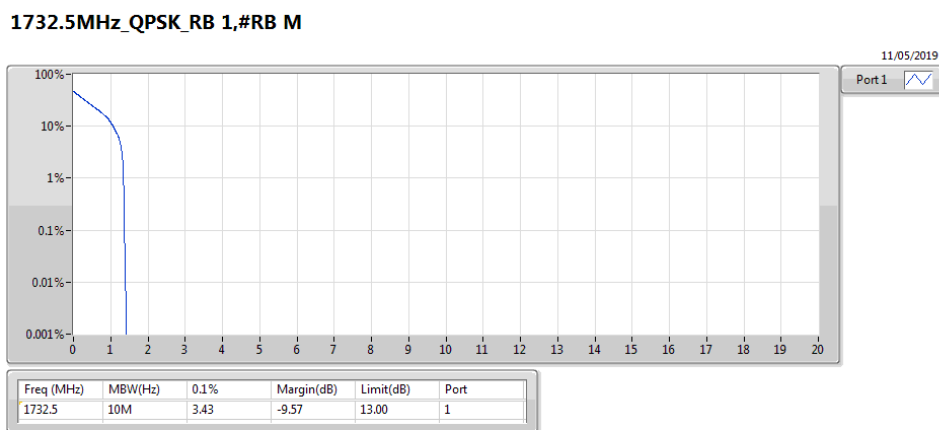
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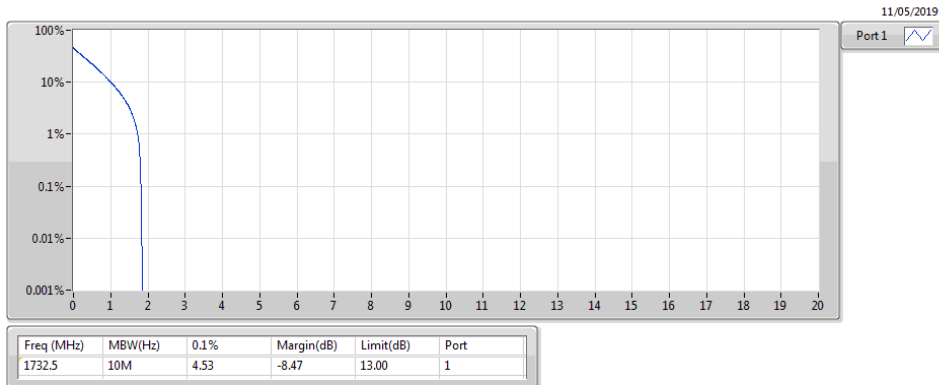
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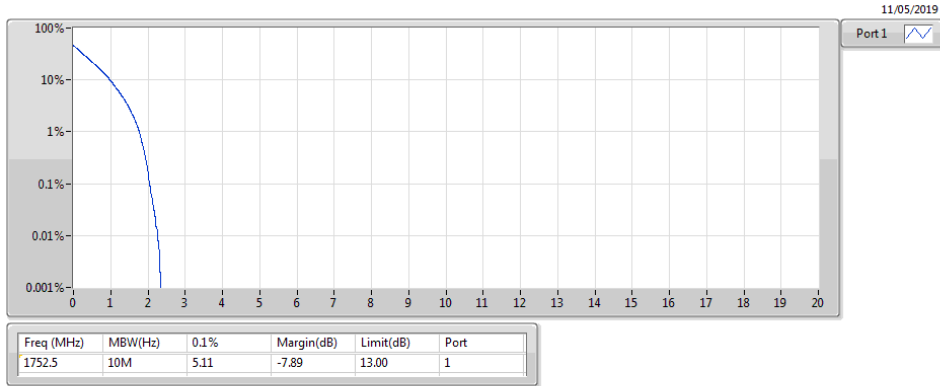
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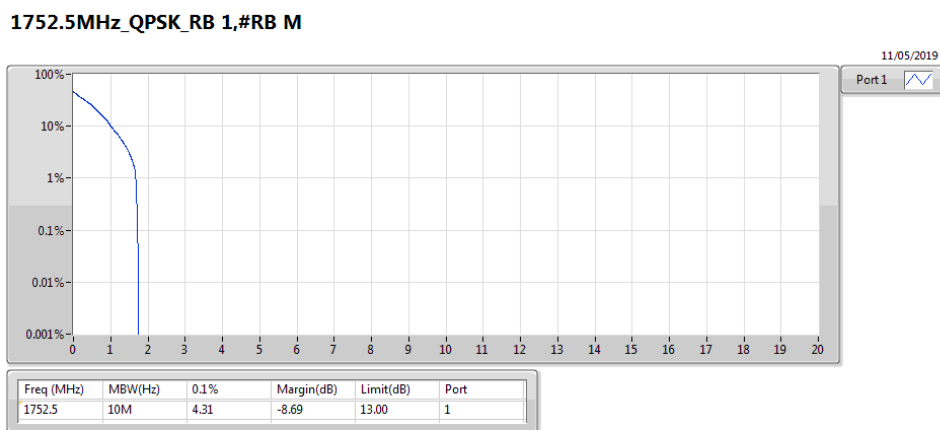
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PAR



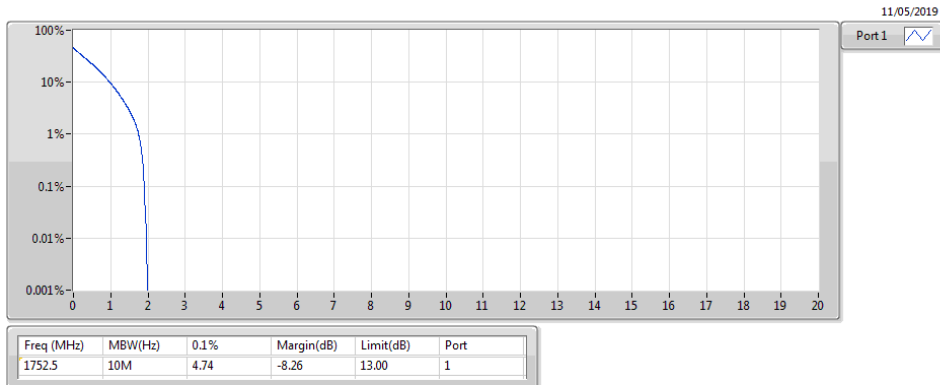
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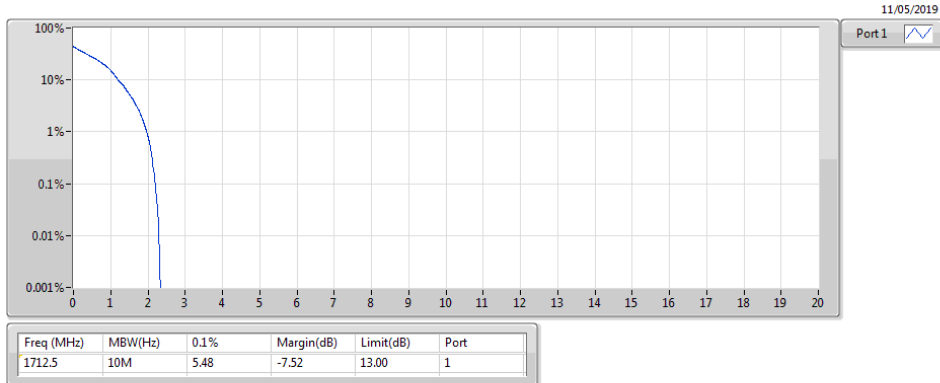
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PAR



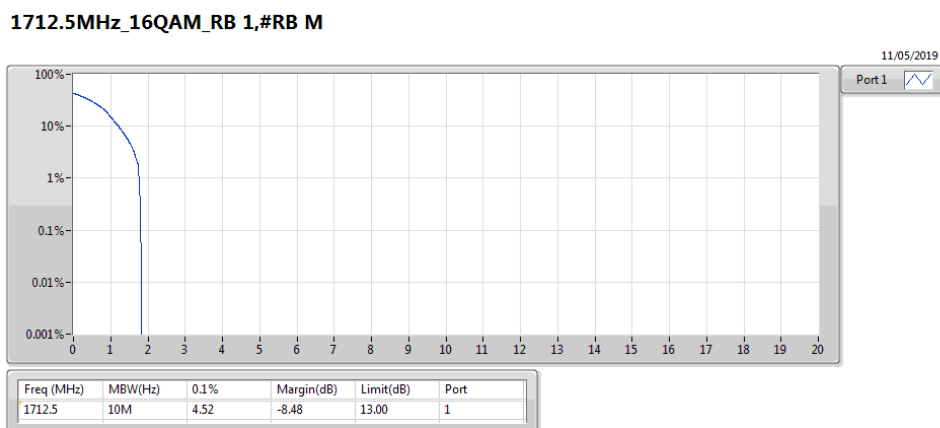
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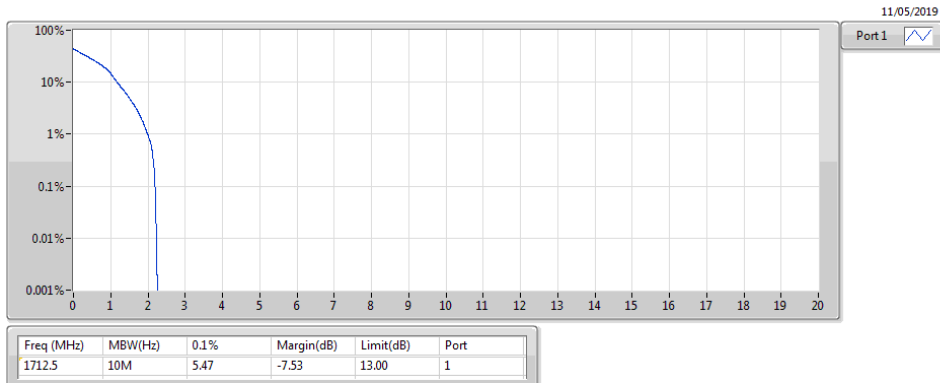
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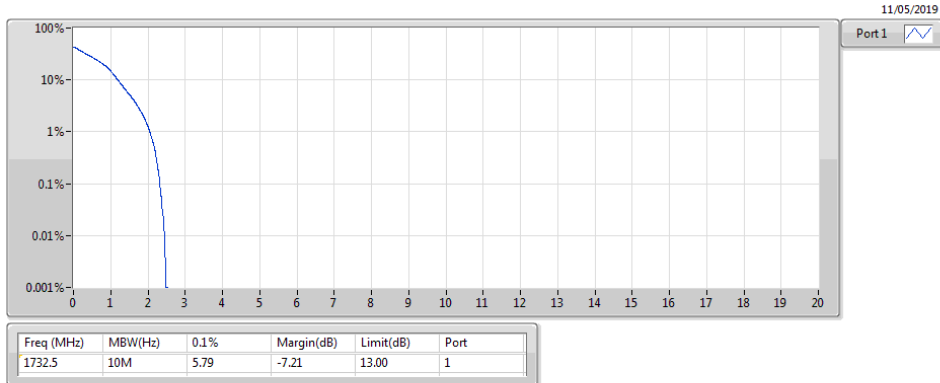
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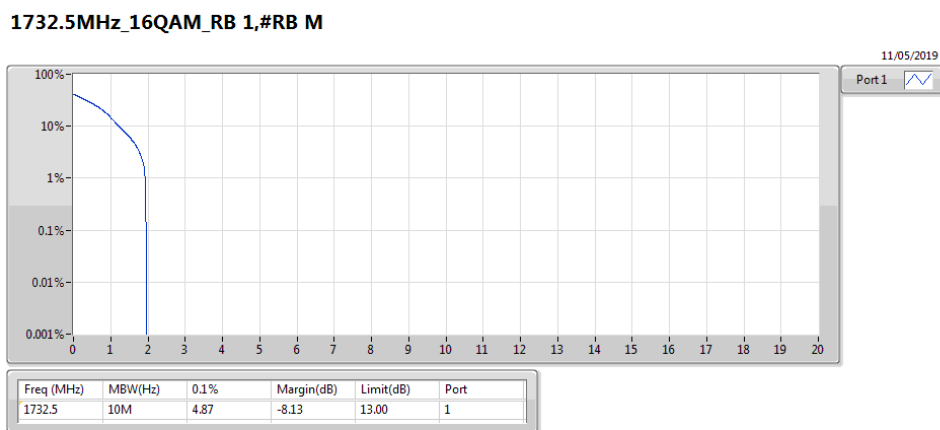
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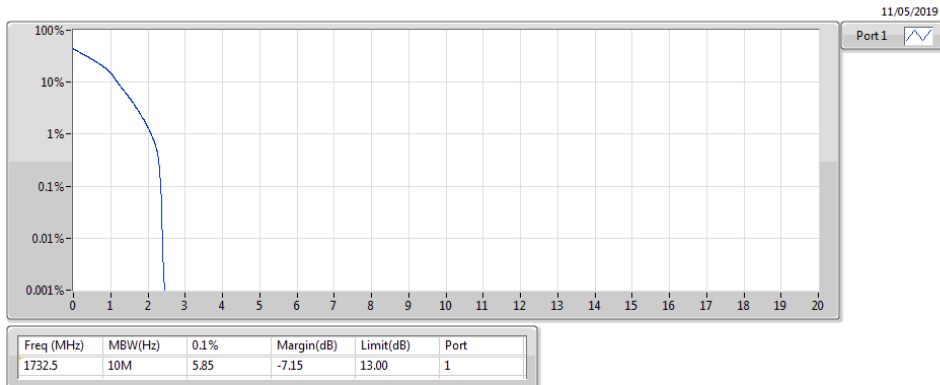
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**1732.5MHz\_16QAM\_RB 1,#RB M**

PAR



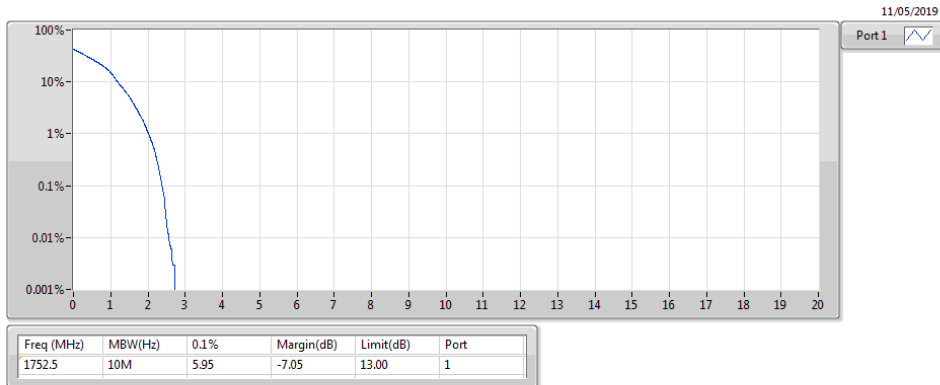
**Band 4\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 12,#RB M**

PAR



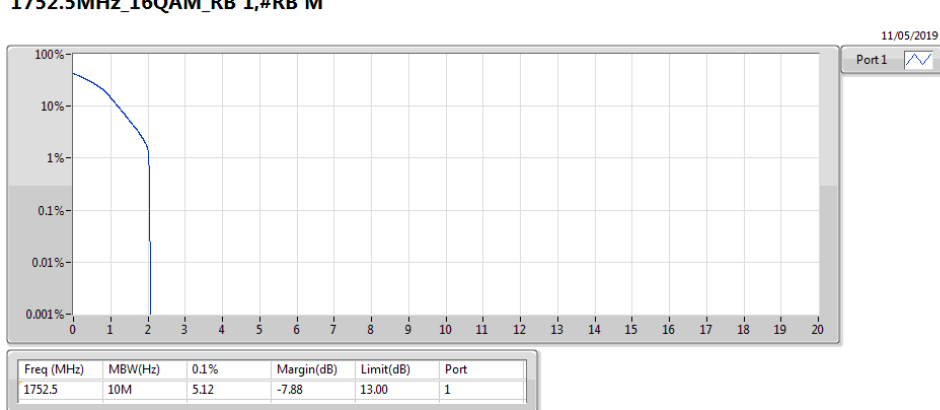
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**1752.5MHz\_16QAM\_RB 25,#RB 0**

PAR



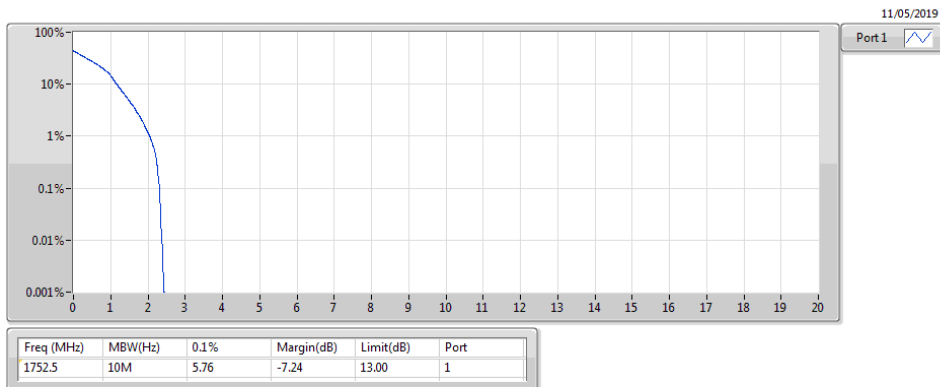
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**1752.5MHz\_16QAM\_RB 1,#RB M**

PAR



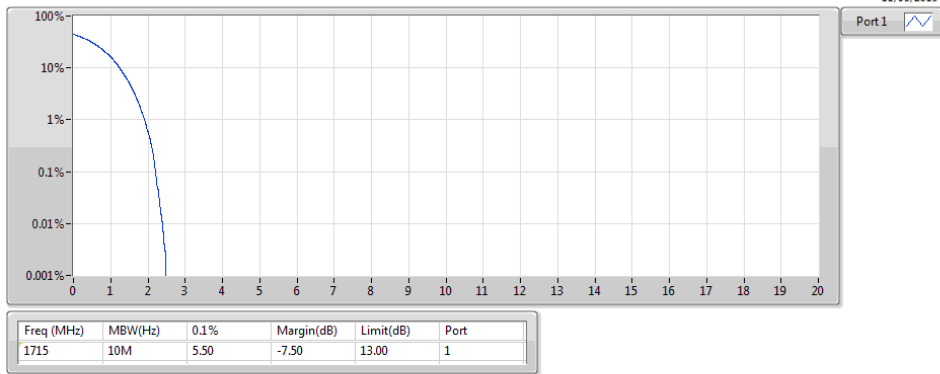
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**1752.5MHz\_16QAM\_RB 12,#RB M**

PAR



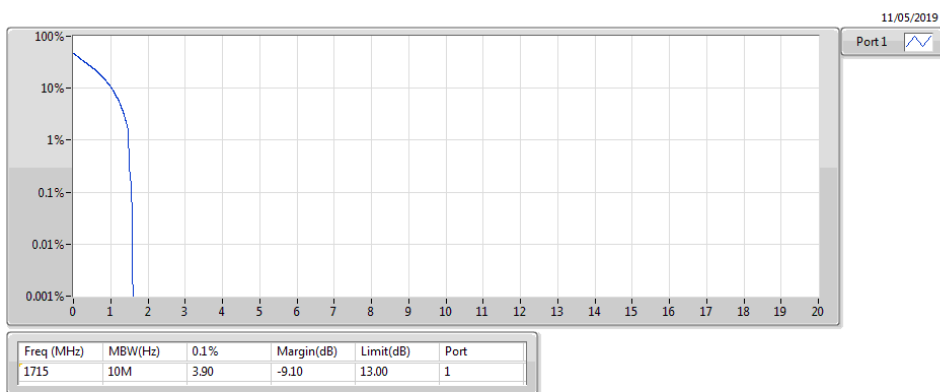
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1715MHz\_QPSK\_RB 50,#RB 0**

PAR



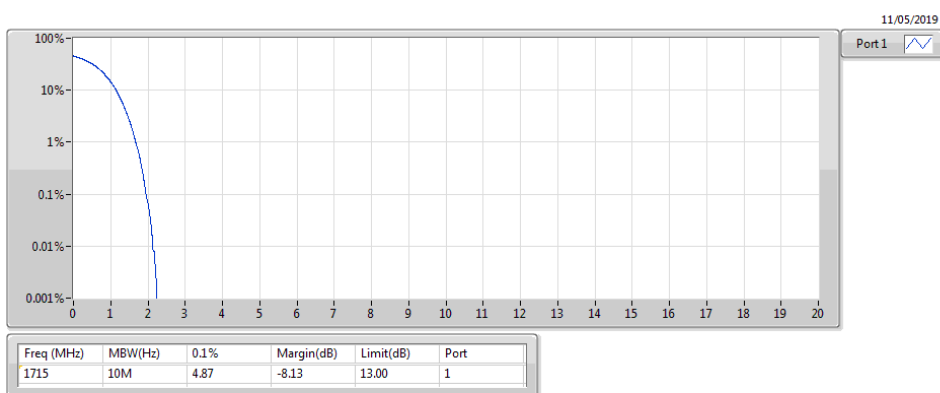
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1715MHz\_QPSK\_RB 1,#RB M**

PAR



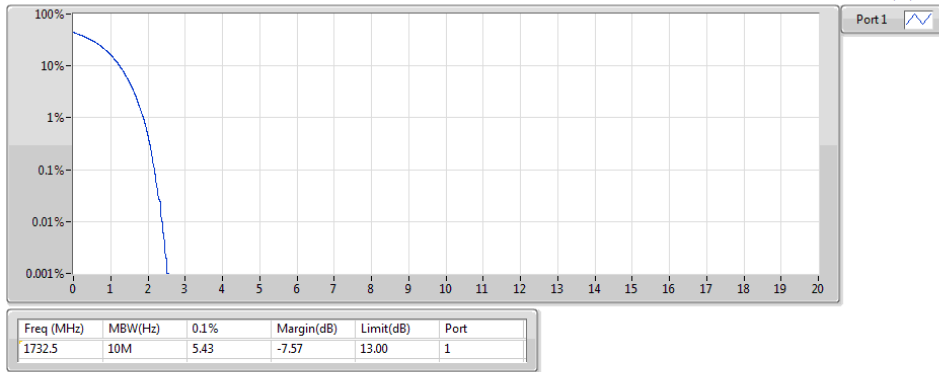
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1715MHz\_QPSK\_RB 25,#RB M**

PAR



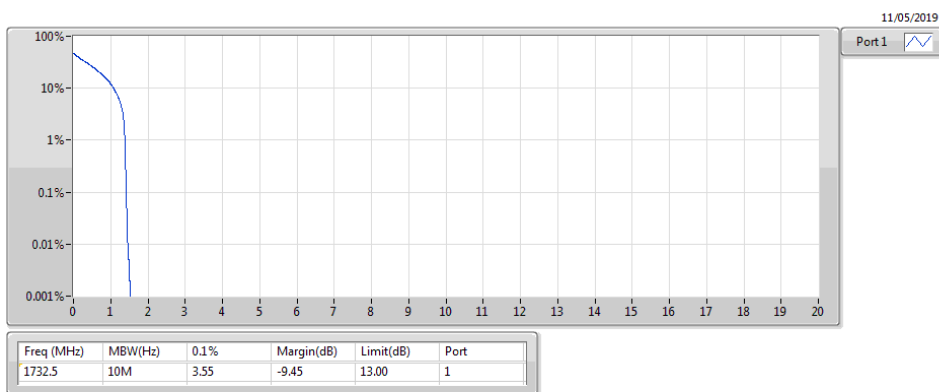
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**1732.5MHz\_QPSK\_RB 50,#RB 0**

PAR



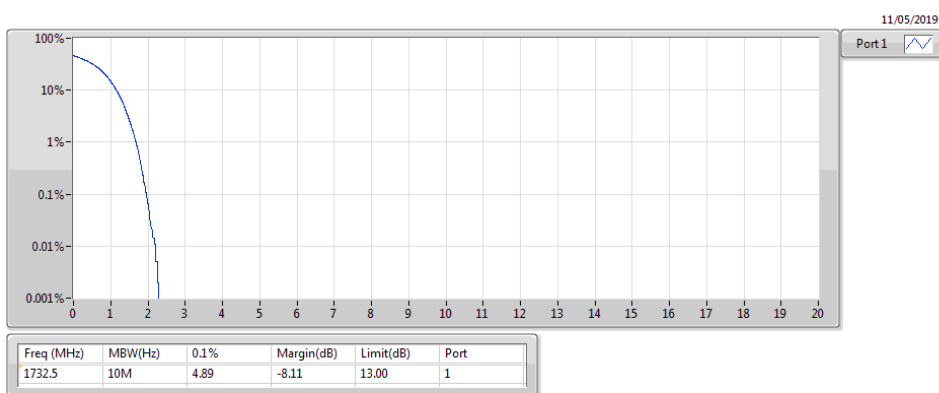
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**1732.5MHz\_QPSK\_RB 1,#RB M**

PAR



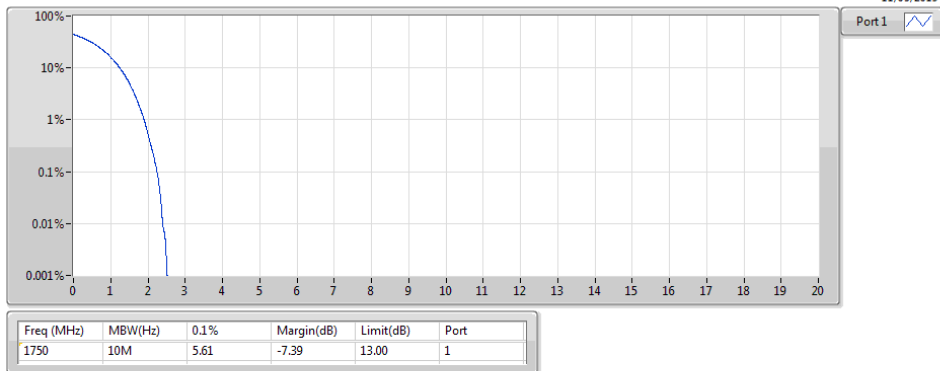
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**1732.5MHz\_QPSK\_RB 25,#RB M**

PAR



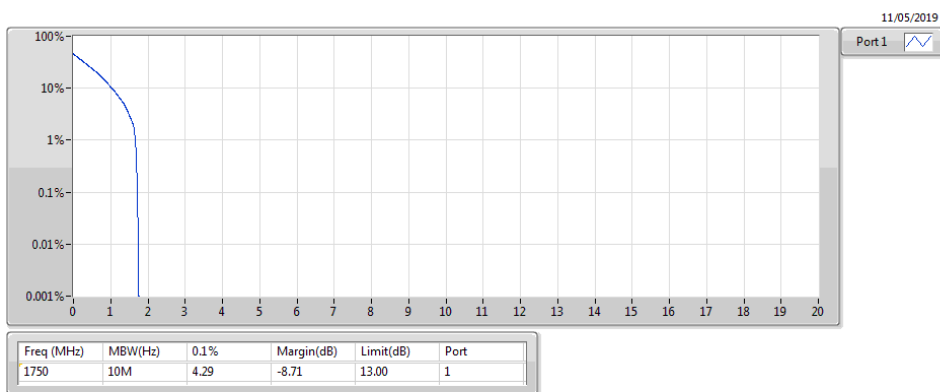
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1750MHz\_QPSK\_RB 50,#RB 0**

PAR



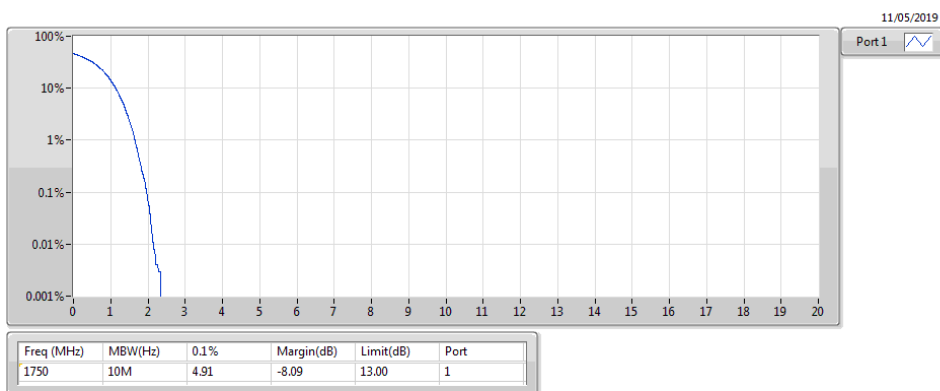
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**1750MHz\_QPSK\_RB 1,#RB M**

PAR



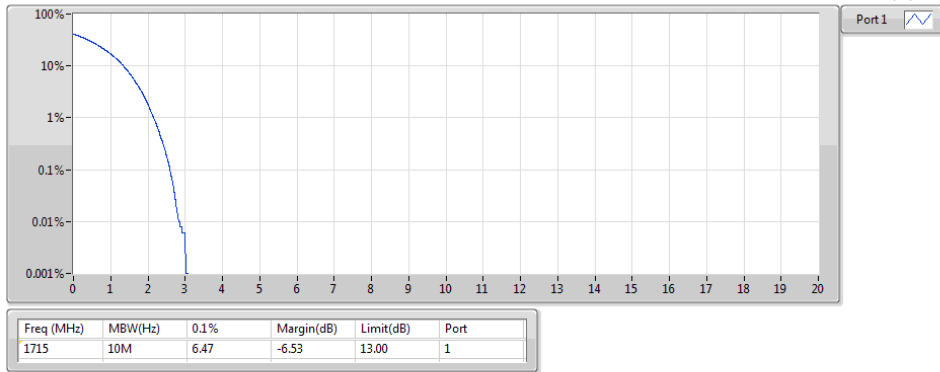
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**1750MHz\_QPSK\_RB 25,#RB M**

PAR



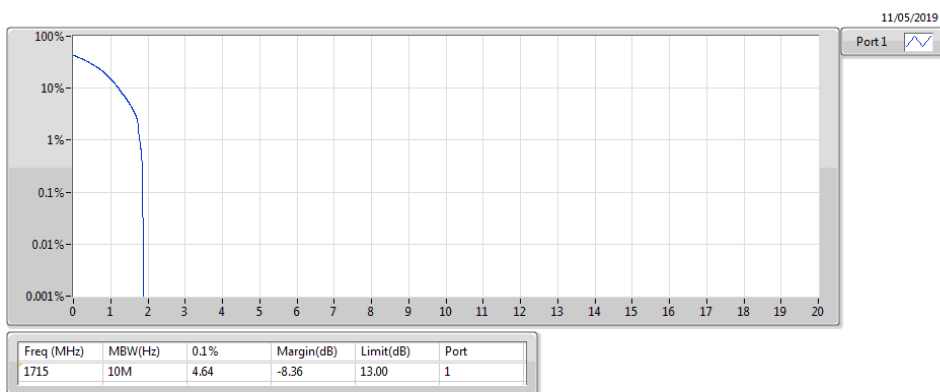
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**1715MHz\_16QAM\_RB 50,#RB 0**

PAR



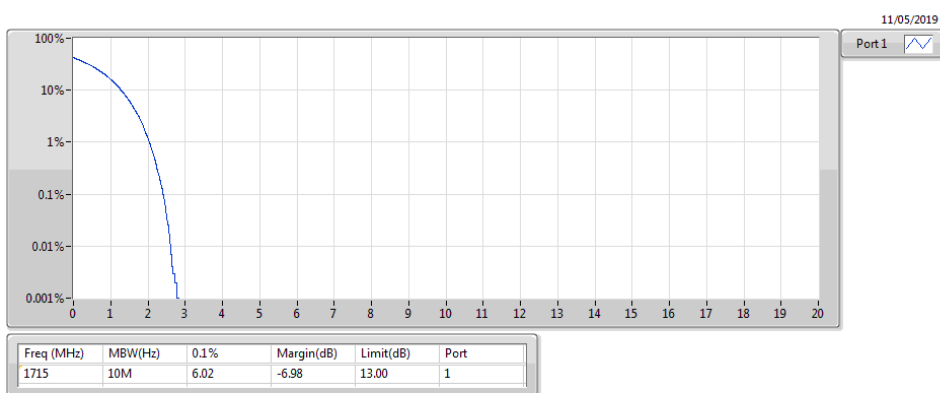
**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1715MHz\_16QAM\_RB 1,#RB M**

PAR



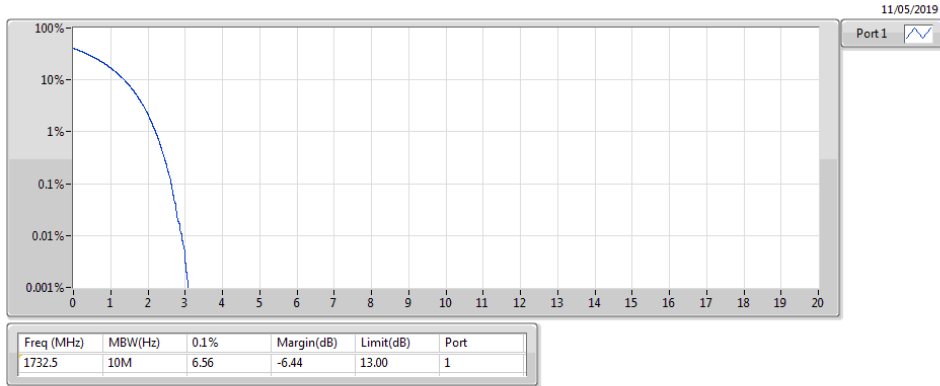
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**1715MHz\_16QAM\_RB 25,#RB M**

PAR



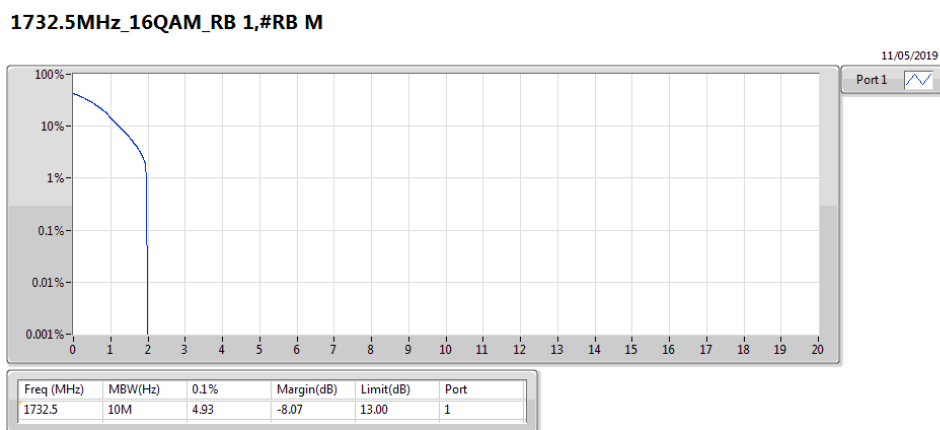
**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 50,#RB 0**

PAR



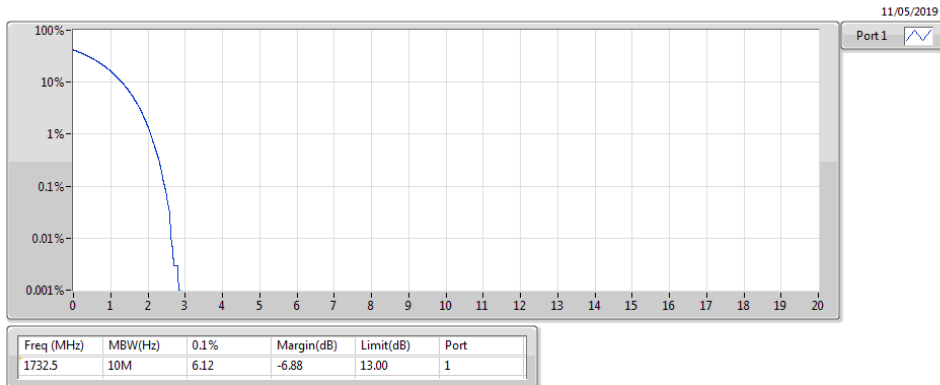
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**1732.5MHz\_16QAM\_RB 1,#RB M**

PAR



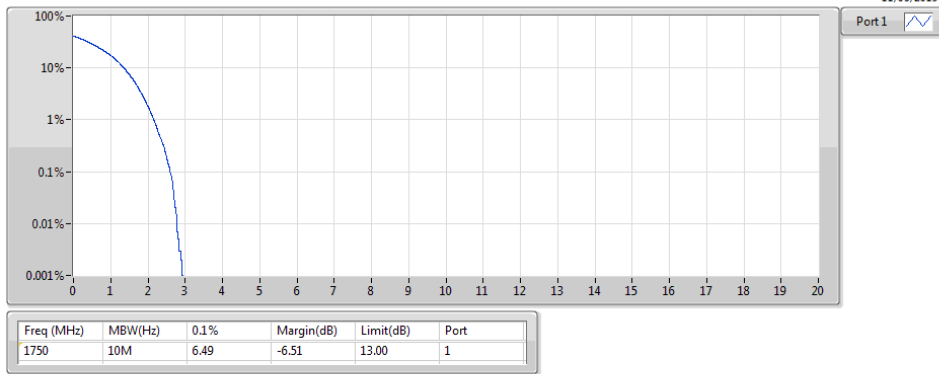
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**1732.5MHz\_16QAM\_RB 25,#RB M**

PAR



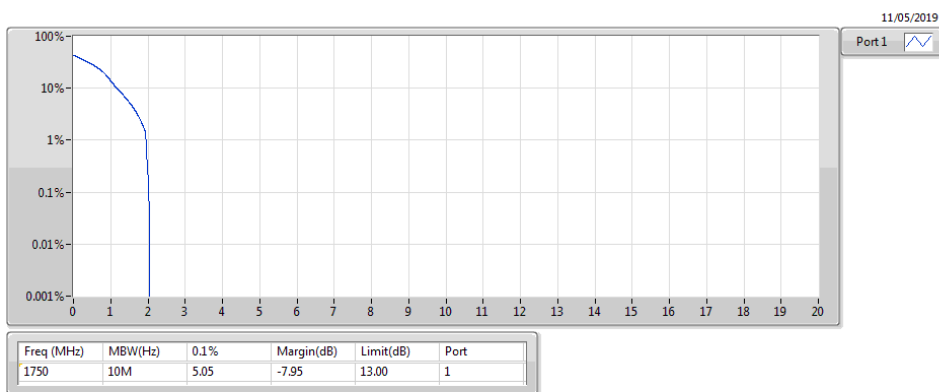
**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1750MHz\_16QAM\_RB 50,#RB 0**

PAR



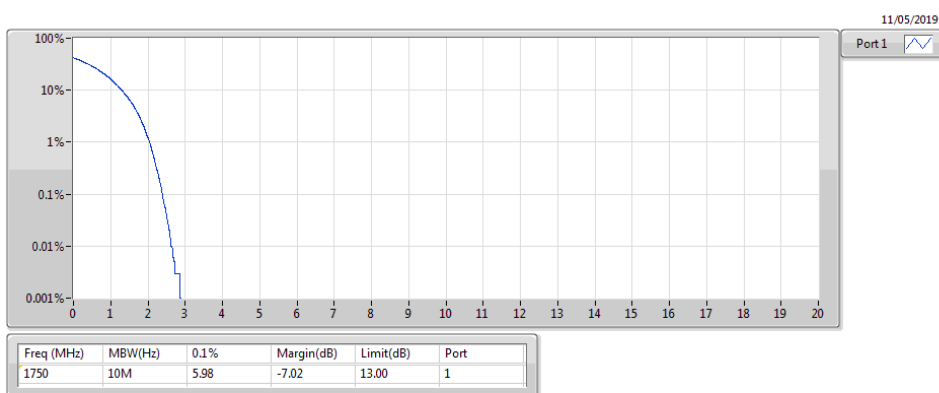
**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1750MHz\_16QAM\_RB 1,#RB M**

PAR



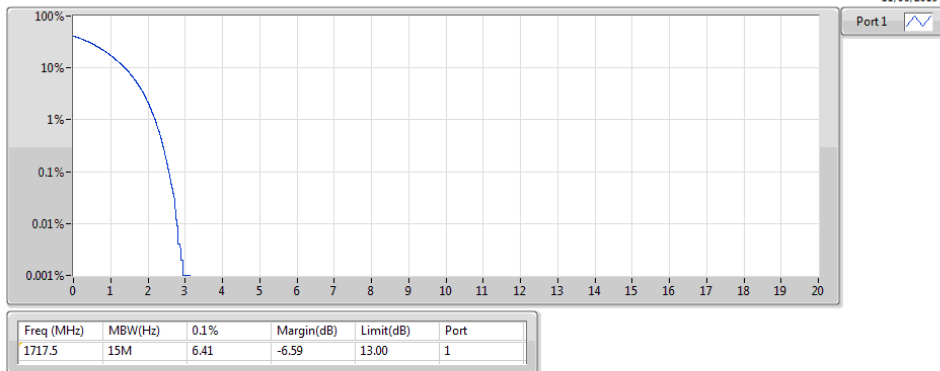
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**1750MHz\_16QAM\_RB 25,#RB M**

PAR



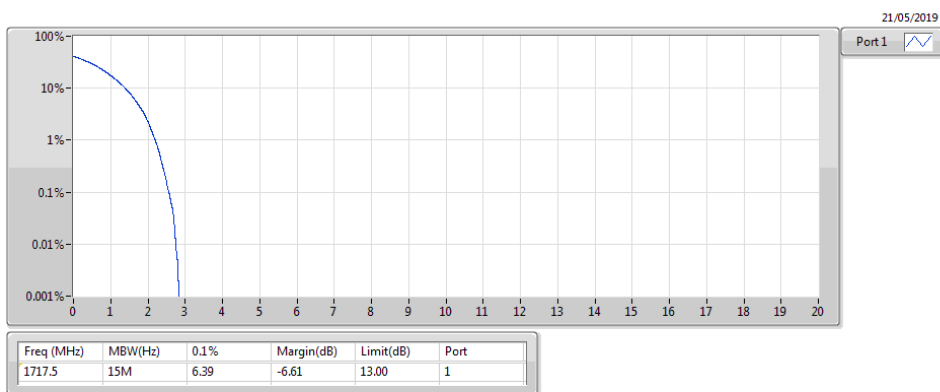
**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1717.5MHz\_QPSK\_RB 75,#RB 0**

PAR



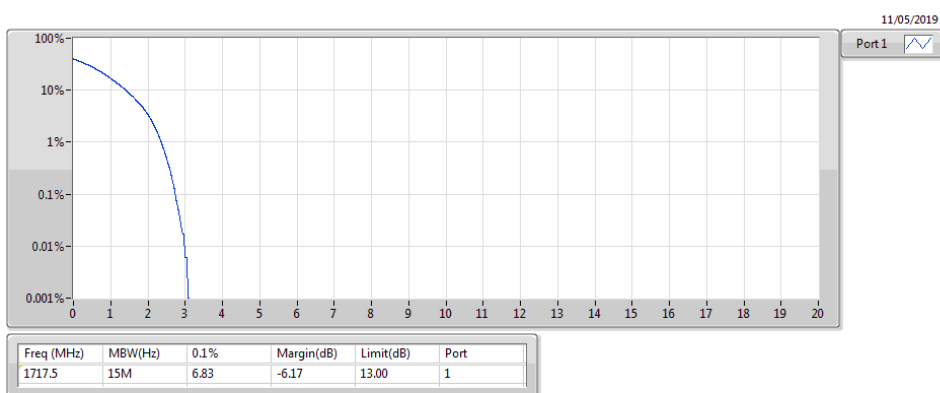
**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1717.5MHz\_QPSK\_RB 1,#RB M**

PAR



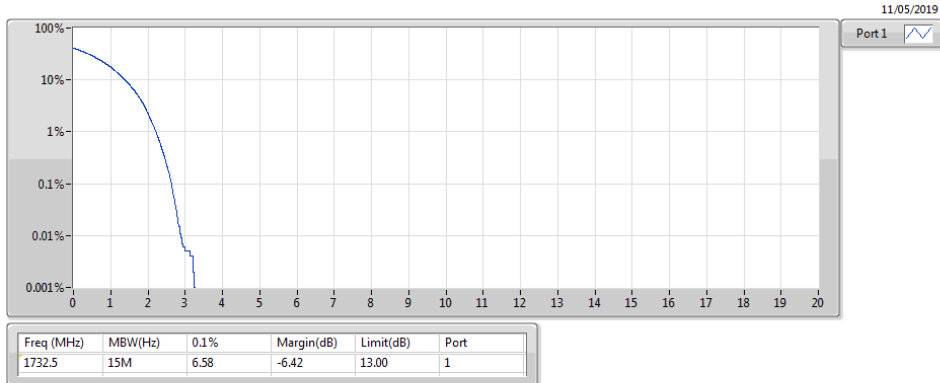
**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1717.5MHz\_QPSK\_RB 36,#RB M**

PAR



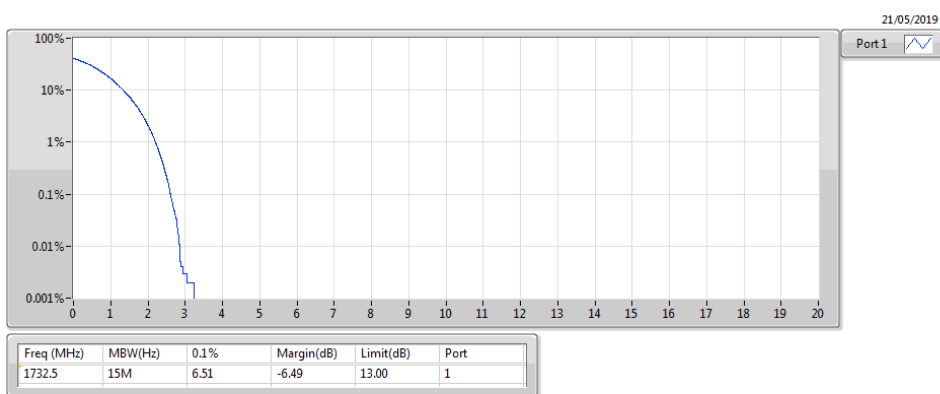
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**1732.5MHz\_QPSK\_RB 75,#RB 0**

PAR



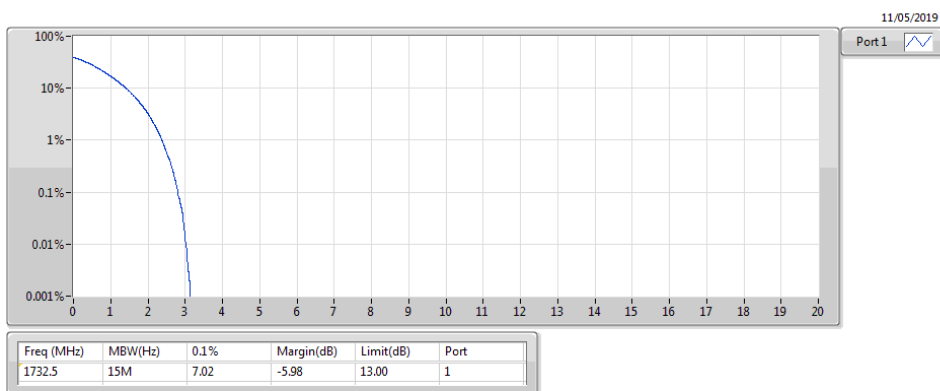
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**1732.5MHz\_QPSK\_RB 1,#RB M**

PAR



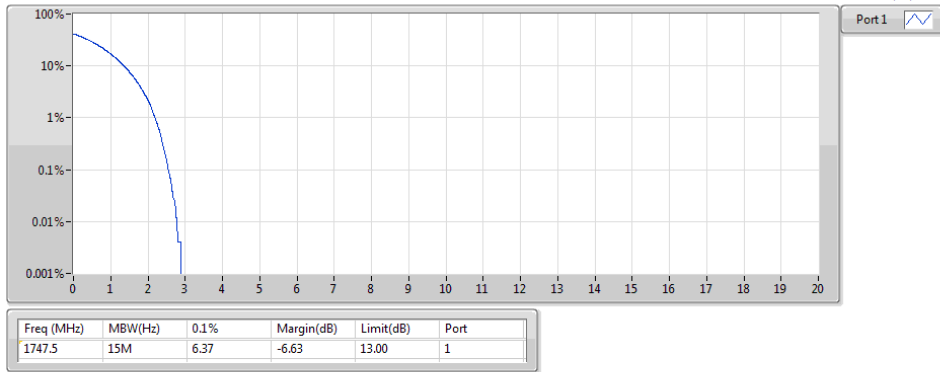
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**1732.5MHz\_QPSK\_RB 36,#RB M**

PAR



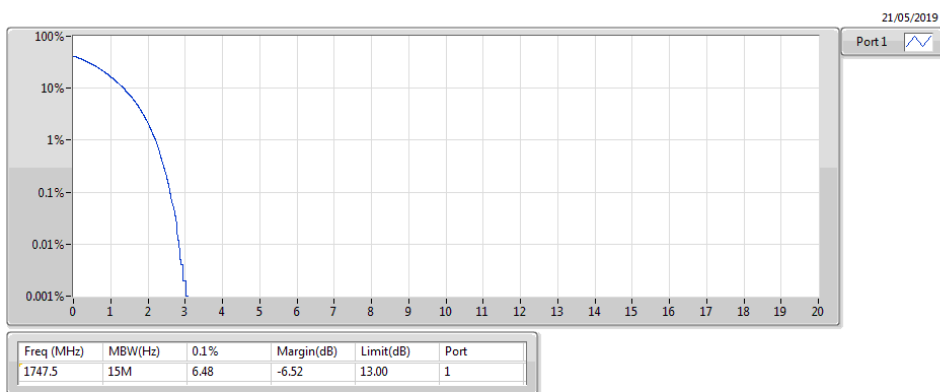
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**1747.5MHz\_QPSK\_RB 75,#RB 0**

PAR



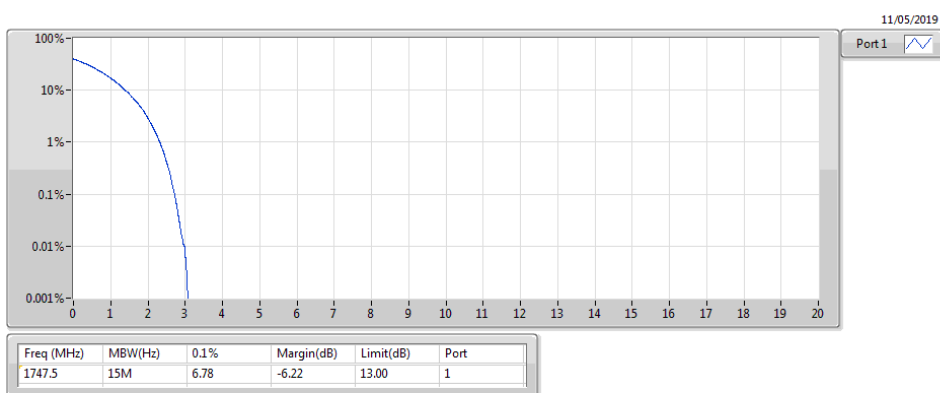
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**1747.5MHz\_QPSK\_RB 1,#RB M**

PAR



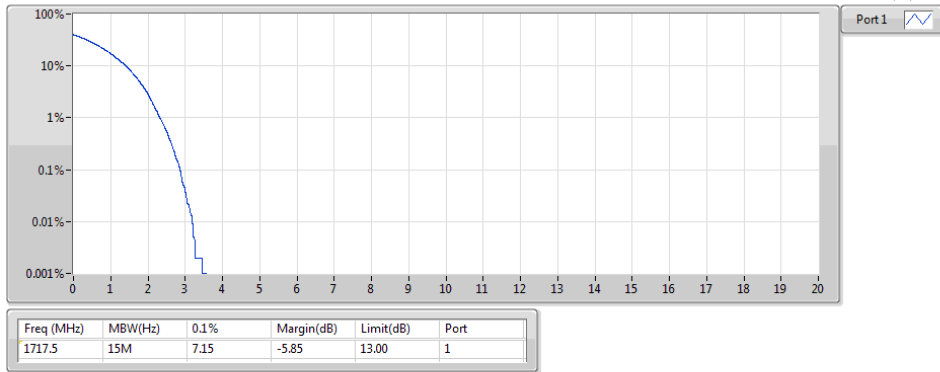
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**1747.5MHz\_QPSK\_RB 36,#RB M**

PAR



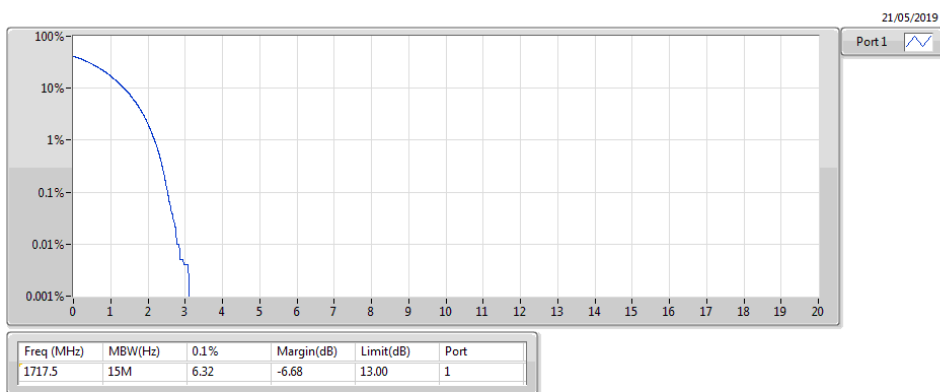
**Band 4\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1717.5MHz\_16QAM\_RB 75,#RB 0**

PAR



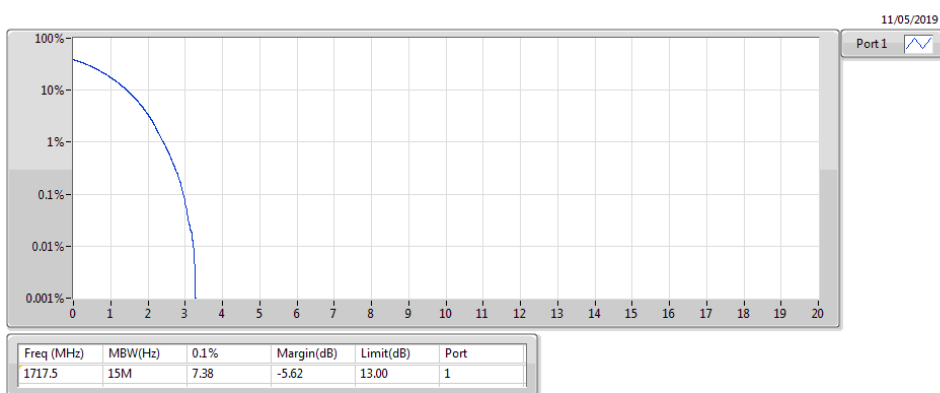
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PAR



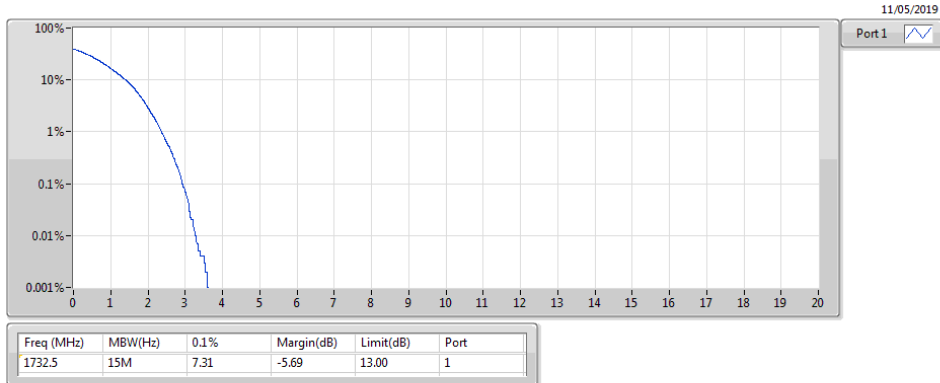
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PAR



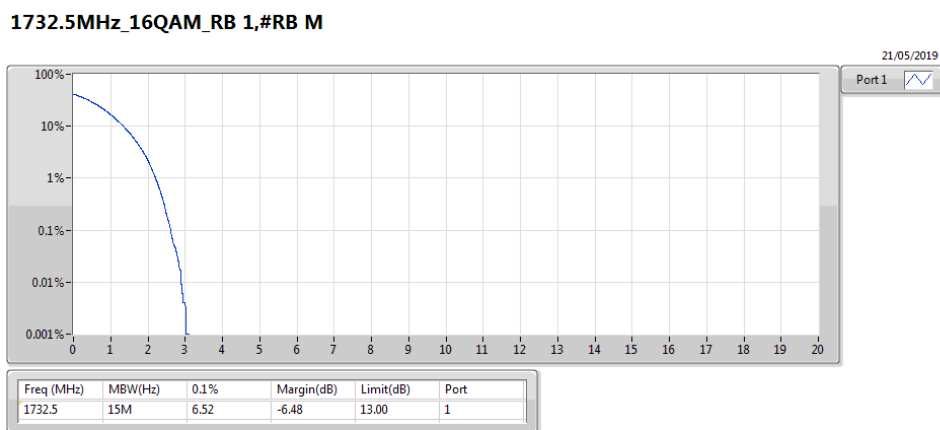
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PAR



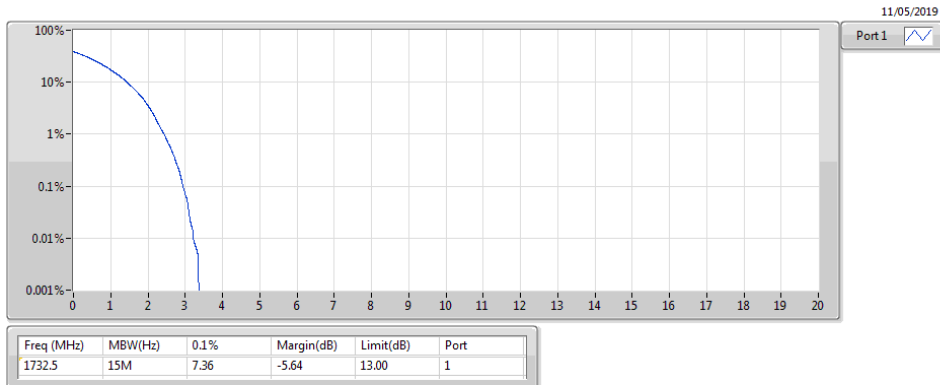
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**1732.5MHz\_16QAM\_RB 1,#RB M**

PAR



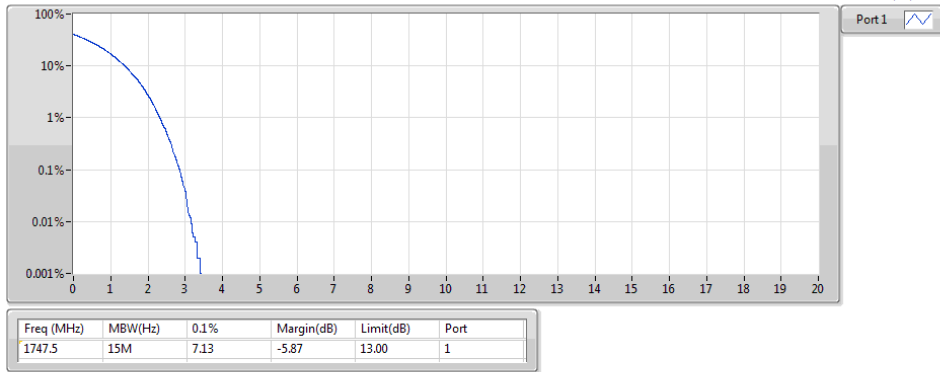
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**1732.5MHz\_16QAM\_RB 36,#RB M**

PAR



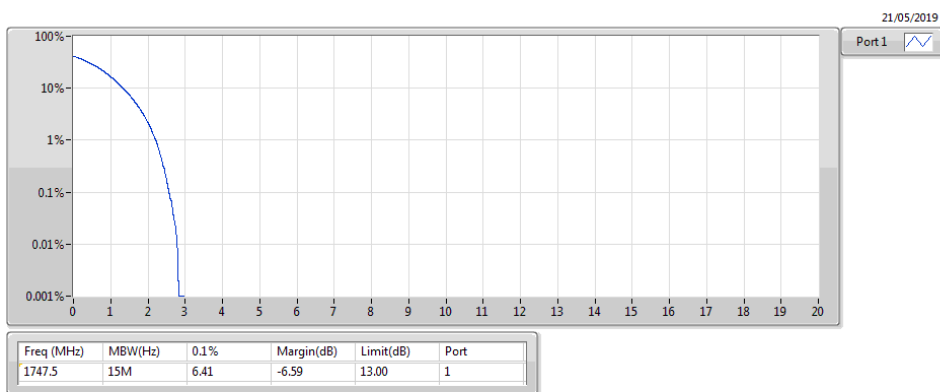
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**1747.5MHz\_16QAM\_RB 75,#RB 0**

PAR



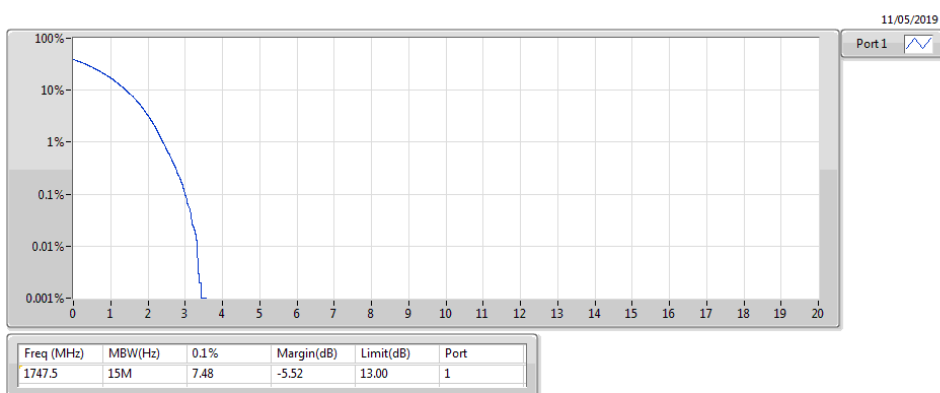
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**1747.5MHz\_16QAM\_RB 1,#RB M**

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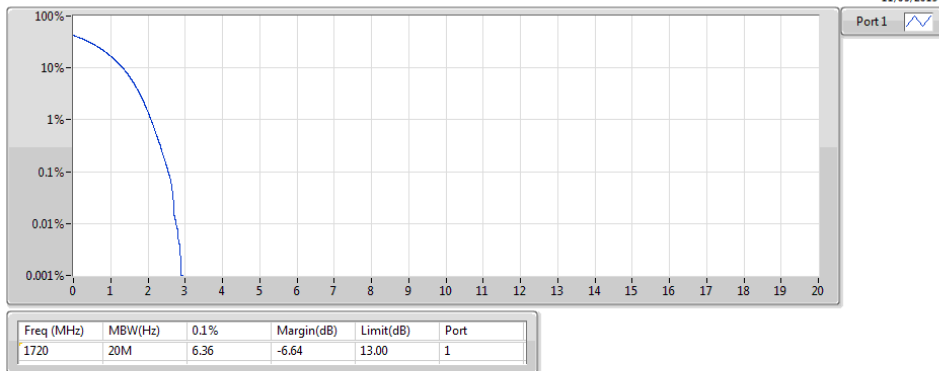
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PAR



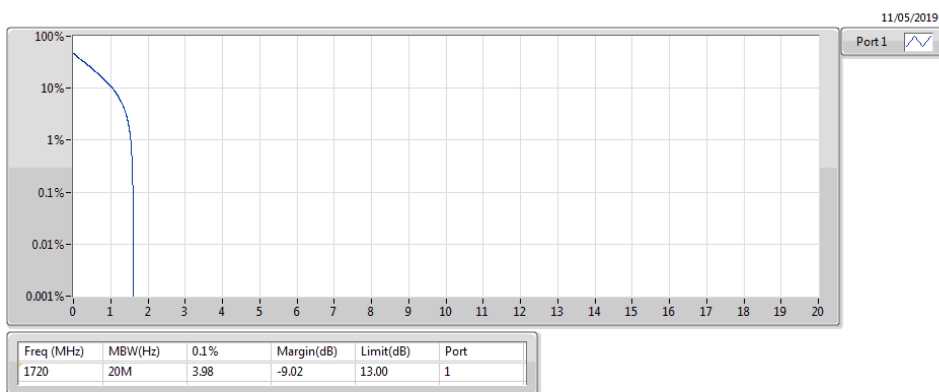
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**1720MHz\_QPSK\_RB 100,#RB 0**

PAR



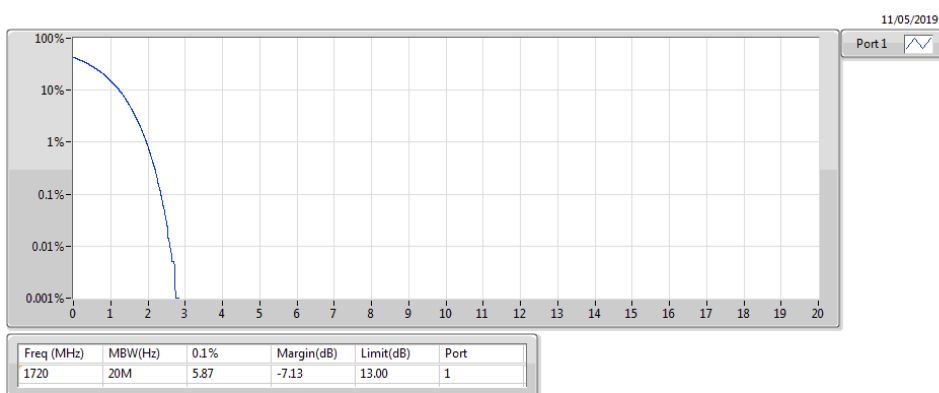
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**1720MHz\_QPSK\_RB 1,#RB M**

PAR



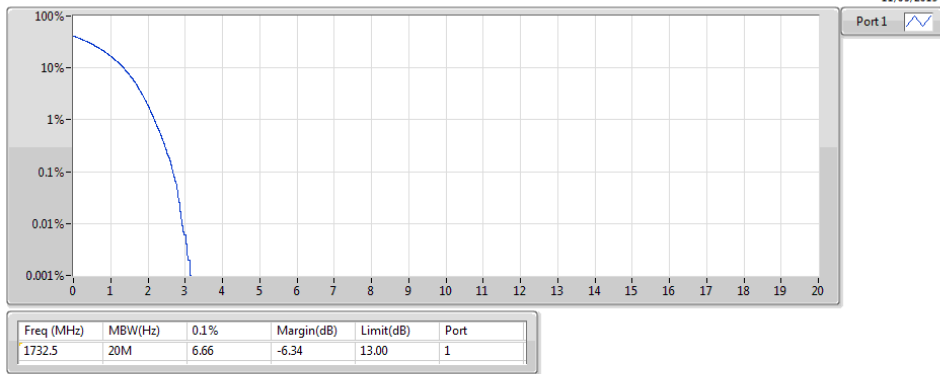
**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1720MHz\_QPSK\_RB 50,#RB M**

PAR



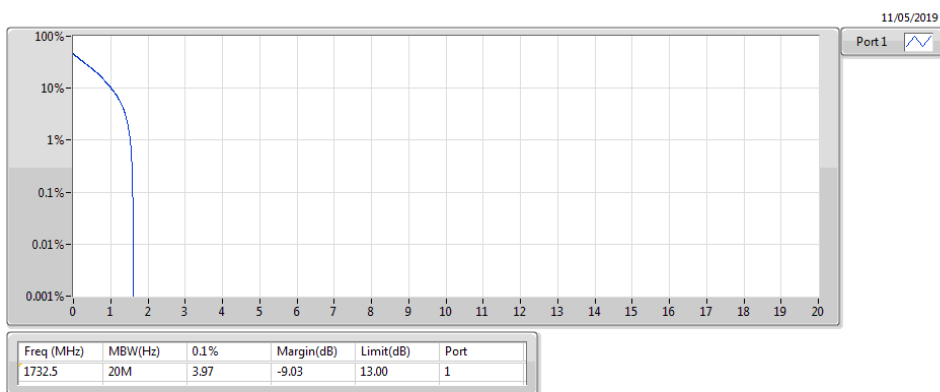
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**1732.5MHz\_QPSK\_RB 100,#RB 0**

PAR



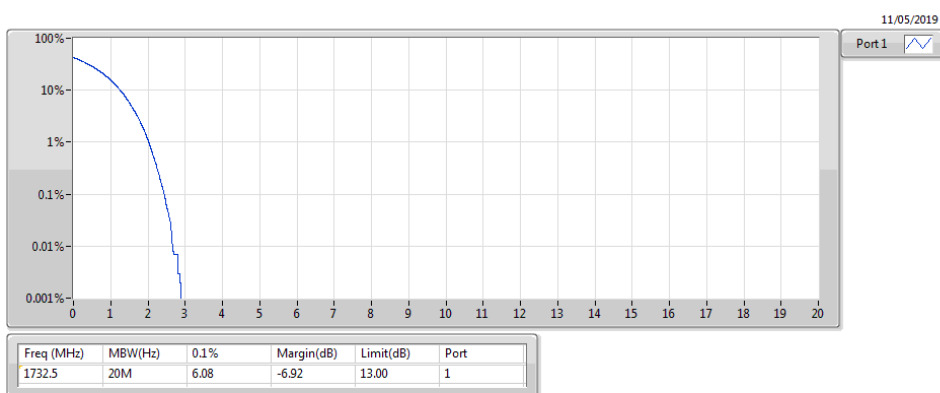
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PAR



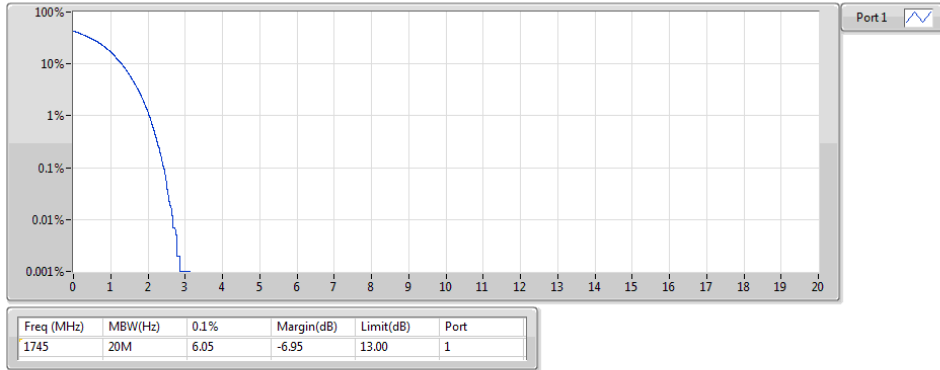
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PAR



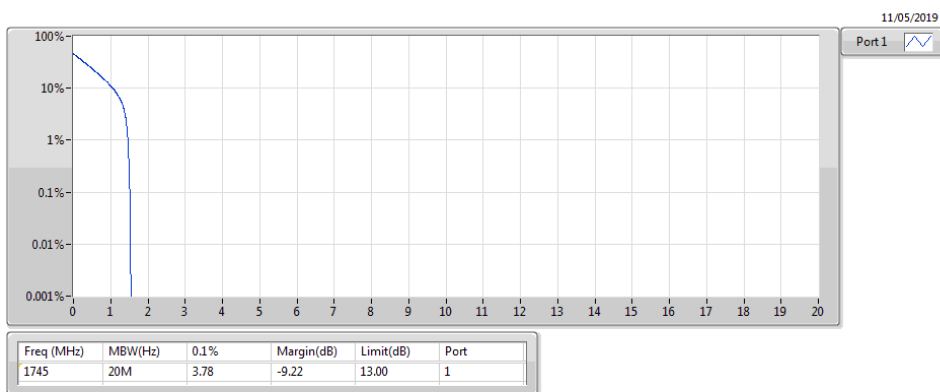
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PAR



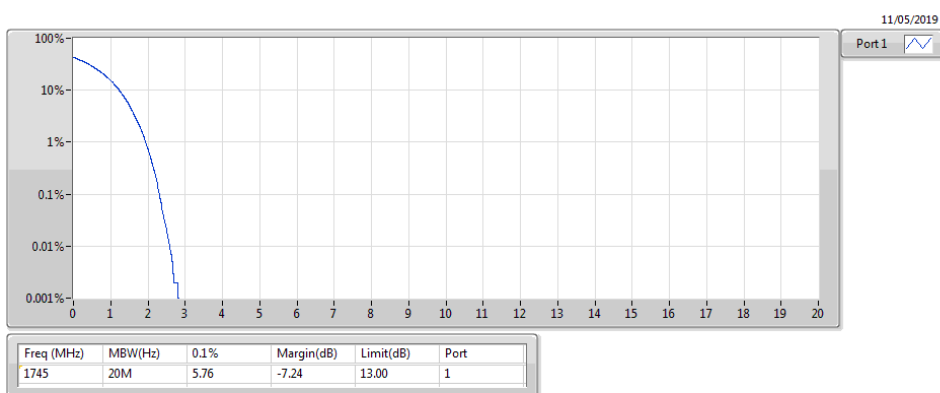
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PAR



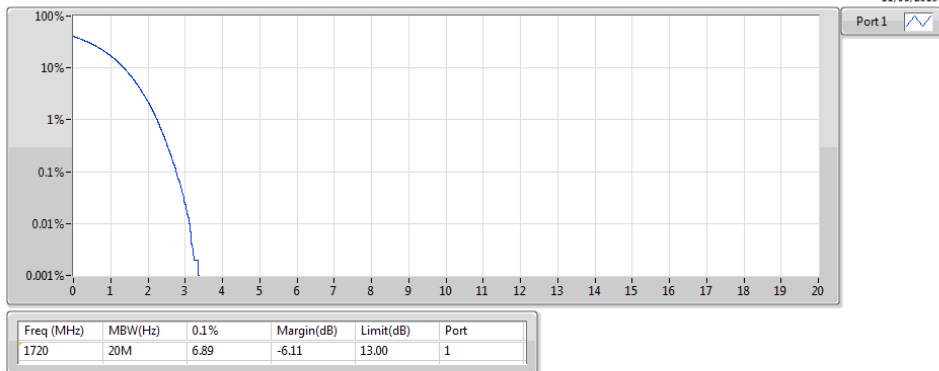
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PAR



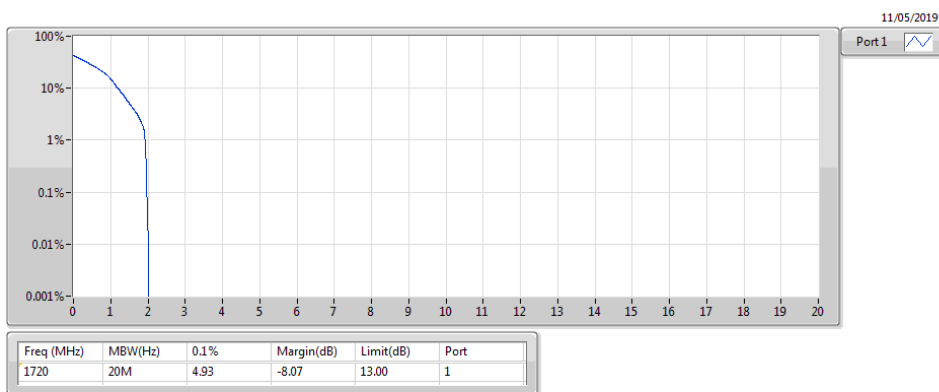
**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1720MHz\_16QAM\_RB 100,#RB 0**

PAR



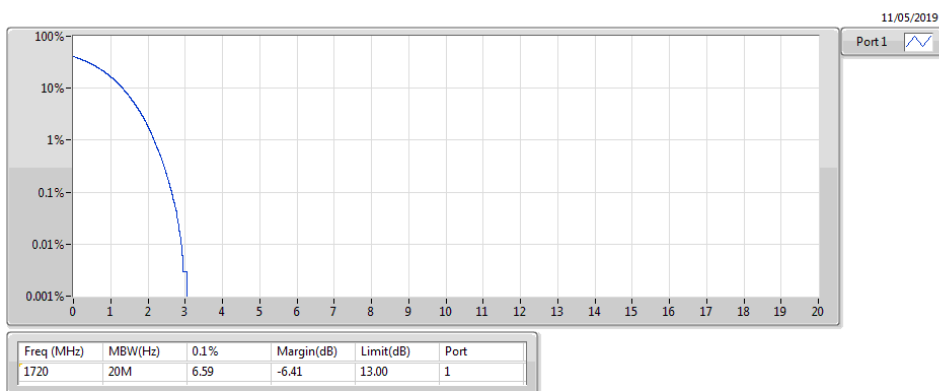
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PAR



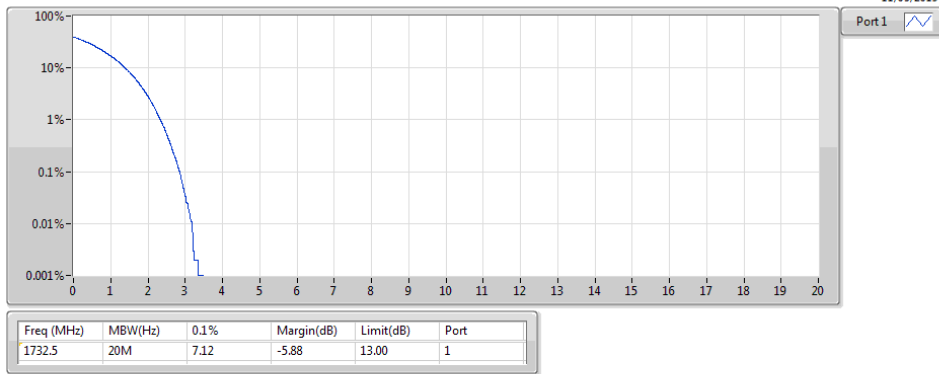
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**1720MHz\_16QAM\_RB 50,#RB M**

PAR



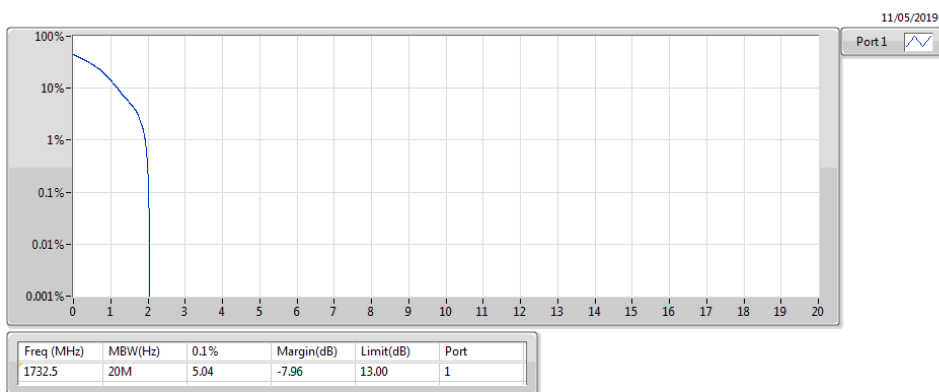
**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 100,#RB 0**

PAR



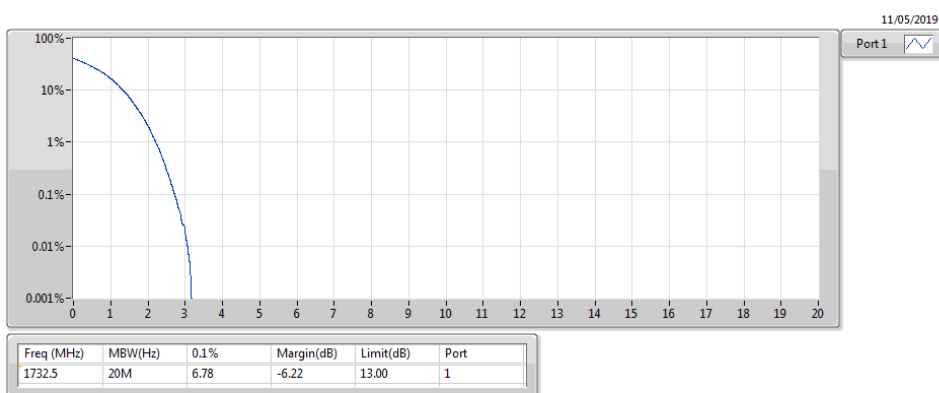
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**1732.5MHz\_16QAM\_RB 1,#RB M**

PAR



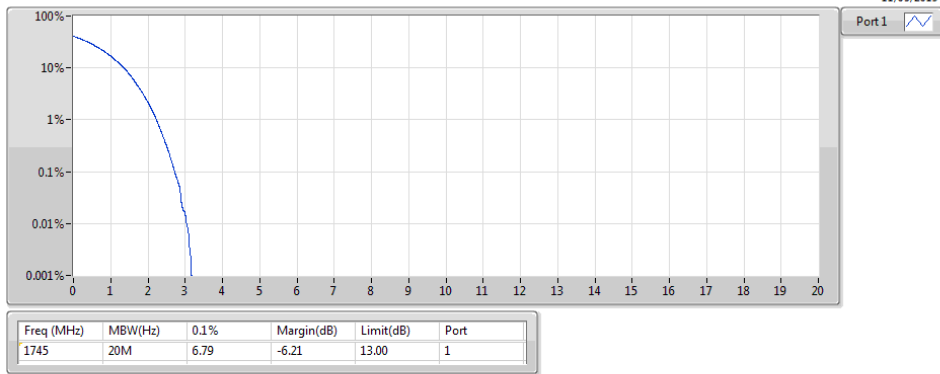
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**1732.5MHz\_16QAM\_RB 50,#RB M**

PAR



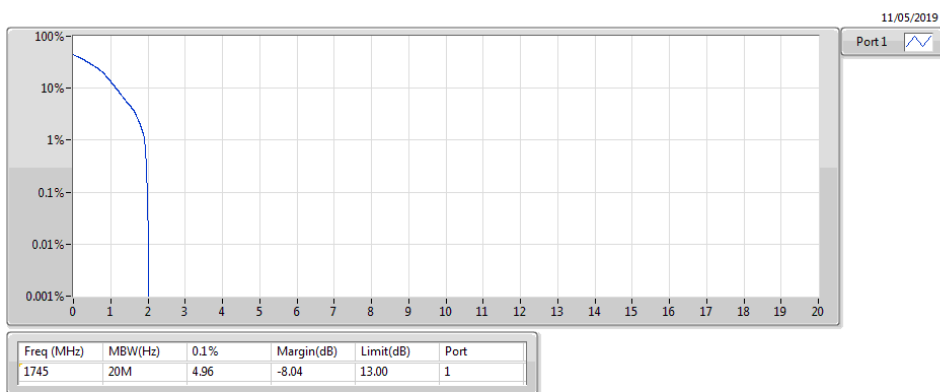
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**1745MHz\_16QAM\_RB 100,#RB 0**

PAR



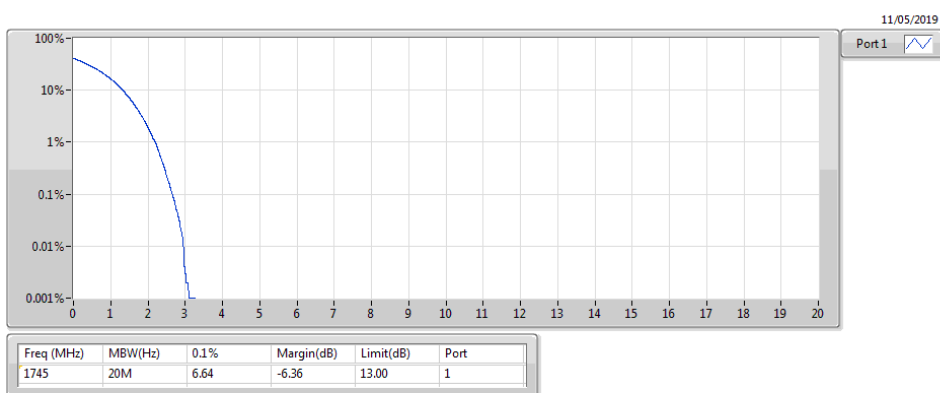
**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1745MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1745MHz\_16QAM\_RB 50,#RB M**

PAR





**<Mode 6> EUT 2 + LTE Band 5 Link**

**Summary**

| Mode                      | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------|--------|---------------|---------------|------|------|
| Band 5                    | -      | -             | -             | -    | -    |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 836.5         | 13.00         | 5.75 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 836.5         | 13.00         | 6.68 | 1    |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 836.5         | 13.00         | 5.62 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 836.5         | 13.00         | 6.36 | 1    |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 836.5         | 13.00         | 4.95 | 1    |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 836.5         | 13.00         | 6.28 | 1    |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 836.5         | 13.00         | 5.95 | 1    |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 836.5         | 13.00         | 6.46 | 1    |



## Peak to Average Power Ratio (PAPR) Results

## Appendix B.6

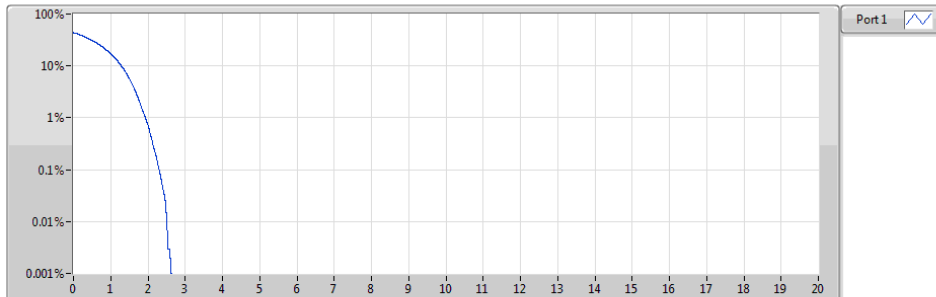
### Result

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 5_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -             | -    | -    |
| 836.5MHz_RB 50,#RB 0             | Pass   | 836.5         | 13.00         | 5.75 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 4.69 | 1    |
| 836.5MHz_RB 25,#RB M             | Pass   | 836.5         | 13.00         | 4.99 | 1    |
| Band 5_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 836.5MHz_RB 50,#RB 0             | Pass   | 836.5         | 13.00         | 6.68 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.45 | 1    |
| 836.5MHz_RB 25,#RB M             | Pass   | 836.5         | 13.00         | 6.30 | 1    |
| Band 5_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 836.5MHz_RB 25,#RB 0             | Pass   | 836.5         | 13.00         | 5.62 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 4.70 | 1    |
| 836.5MHz_RB 12,#RB M             | Pass   | 836.5         | 13.00         | 5.18 | 1    |
| Band 5_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 836.5MHz_RB 25,#RB 0             | Pass   | 836.5         | 13.00         | 6.36 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.33 | 1    |
| 836.5MHz_RB 12,#RB M             | Pass   | 836.5         | 13.00         | 6.15 | 1    |
| Band 5_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 836.5MHz_RB 15,#RB 0             | Pass   | 836.5         | 13.00         | 4.95 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 4.78 | 1    |
| 836.5MHz_RB 8,#RB M              | Pass   | 836.5         | 13.00         | 4.65 | 1    |
| Band 5_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 836.5MHz_RB 15,#RB 0             | Pass   | 836.5         | 13.00         | 6.28 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.51 | 1    |
| 836.5MHz_RB 8,#RB M              | Pass   | 836.5         | 13.00         | 5.98 | 1    |
| Band 5_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 836.5MHz_RB 6,#RB 0              | Pass   | 836.5         | 13.00         | 5.95 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 4.70 | 1    |
| 836.5MHz_RB 3,#RB M              | Pass   | 836.5         | 13.00         | 5.02 | 1    |
| Band 5_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 836.5MHz_RB 6,#RB 0              | Pass   | 836.5         | 13.00         | 6.46 | 1    |
| 836.5MHz_RB 1,#RB M              | Pass   | 836.5         | 13.00         | 5.54 | 1    |
| 836.5MHz_RB 3,#RB M              | Pass   | 836.5         | 13.00         | 6.05 | 1    |

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

**PAR**

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

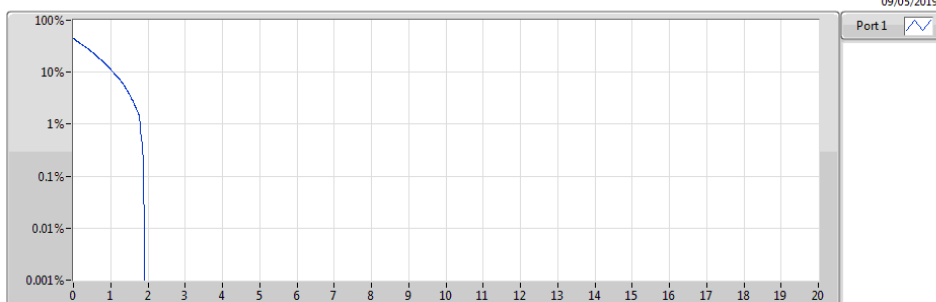


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 836.5      | 10M     | 5.75 | -7.25      | 13.00     | 1    |

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

**PAR**

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

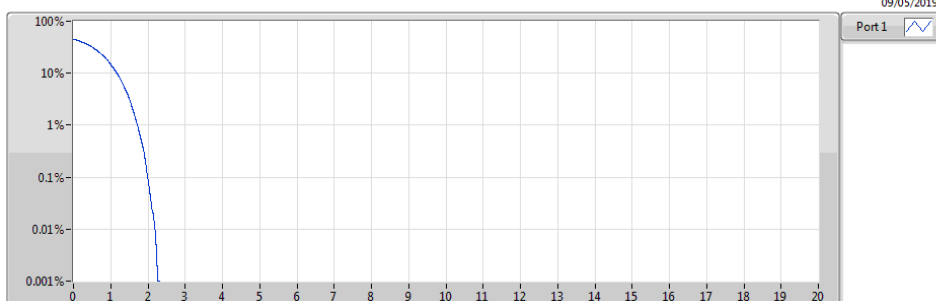


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 836.5      | 10M     | 4.69 | -8.31      | 13.00     | 1    |

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

**PAR**

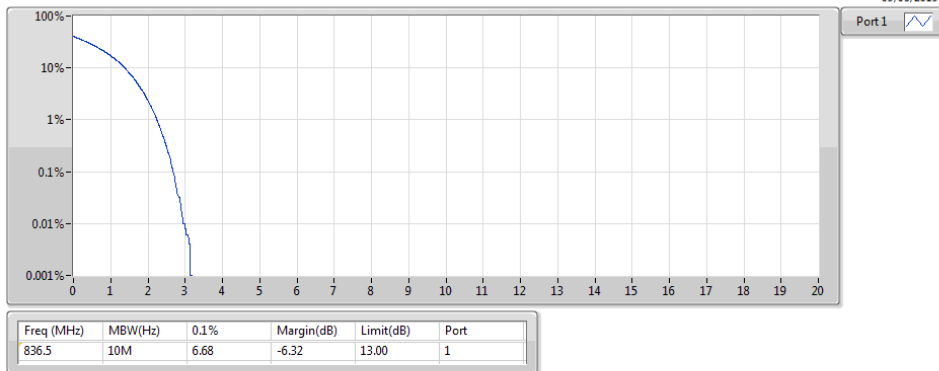
**836.5MHz\_QPSK\_RB 25,#RB M**



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 836.5      | 10M     | 4.99 | -8.02      | 13.00     | 1    |

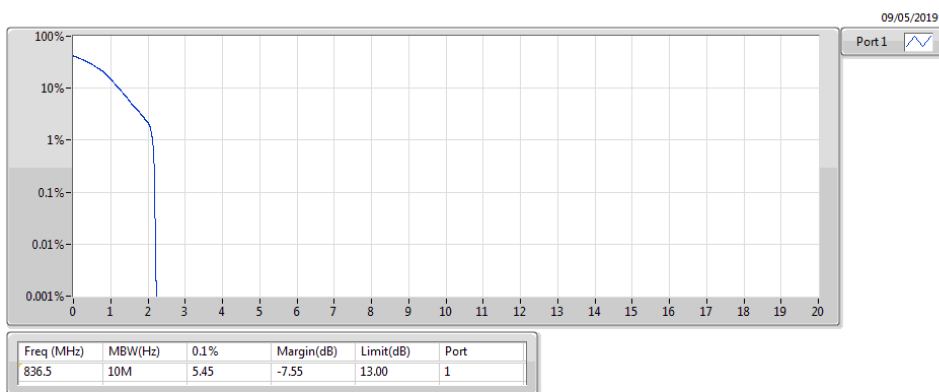
**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 50,#RB 0**

PAR



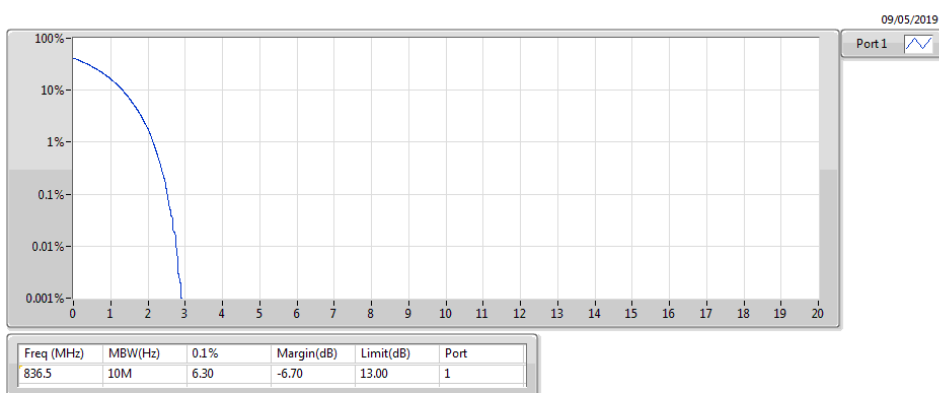
**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 1,#RB M**

PAR



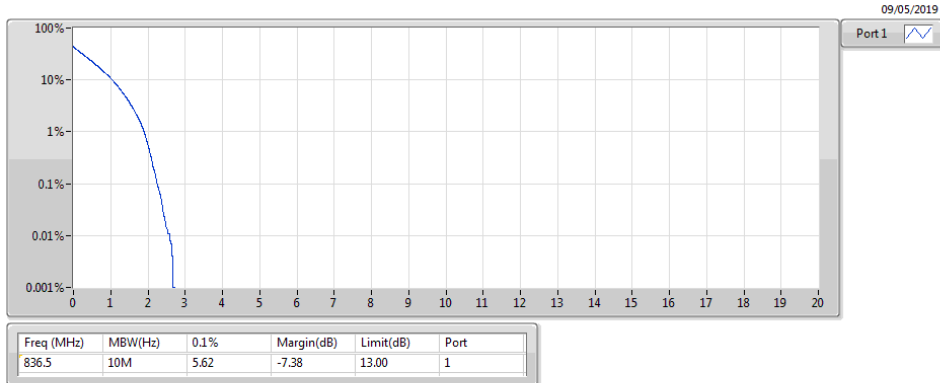
**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 25,#RB M**

PAR



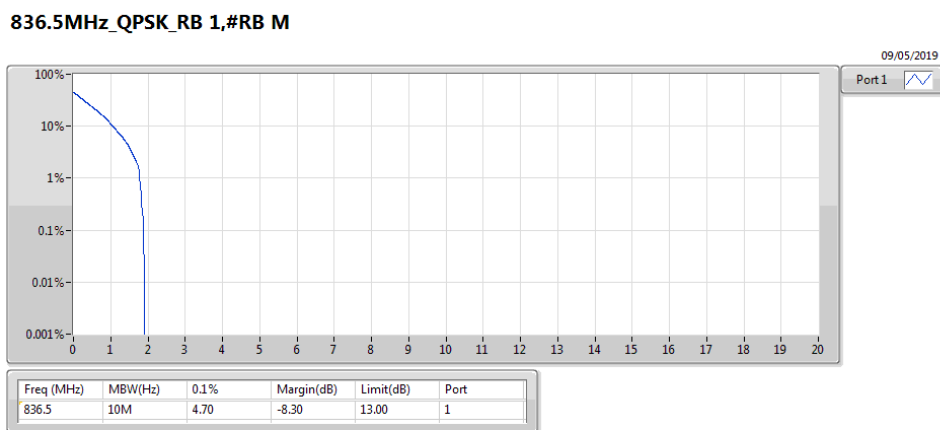
**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 25,#RB 0**

PAR



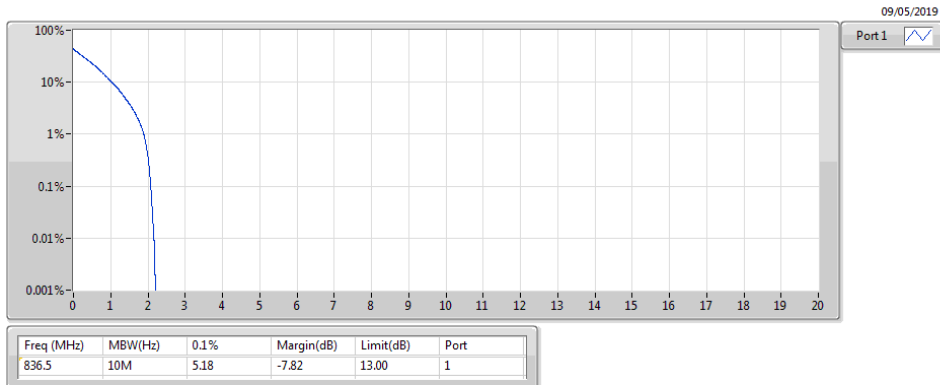
**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 1,#RB M**

PAR



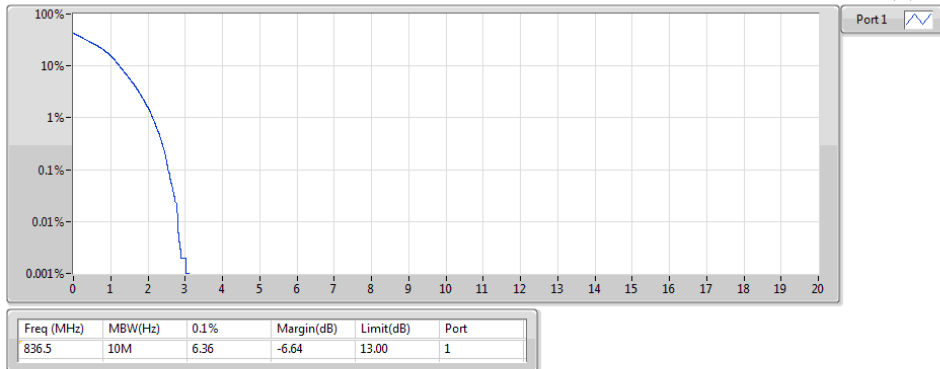
**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 12,#RB M**

PAR



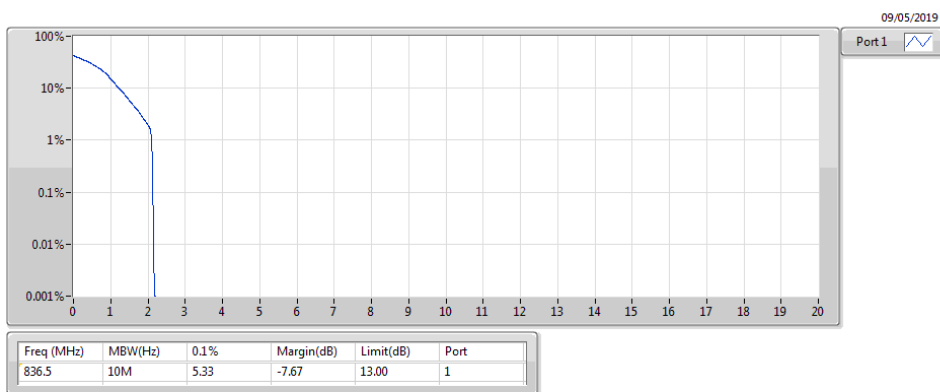
**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 25,#RB 0**

PAR



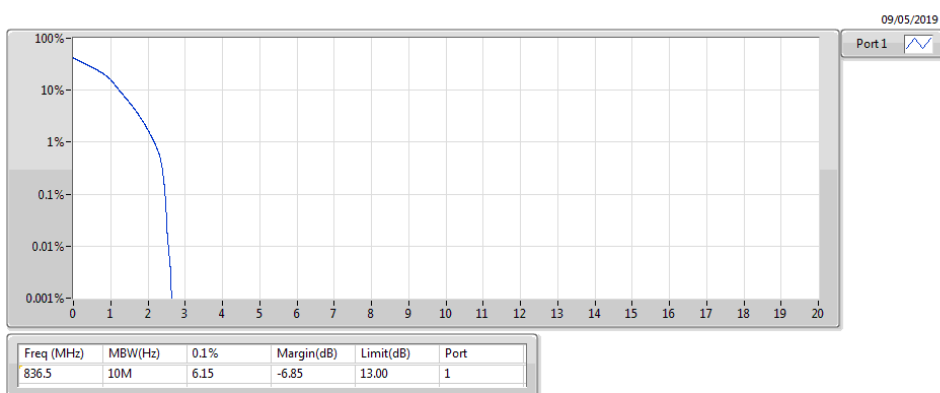
**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 1,#RB M**

PAR



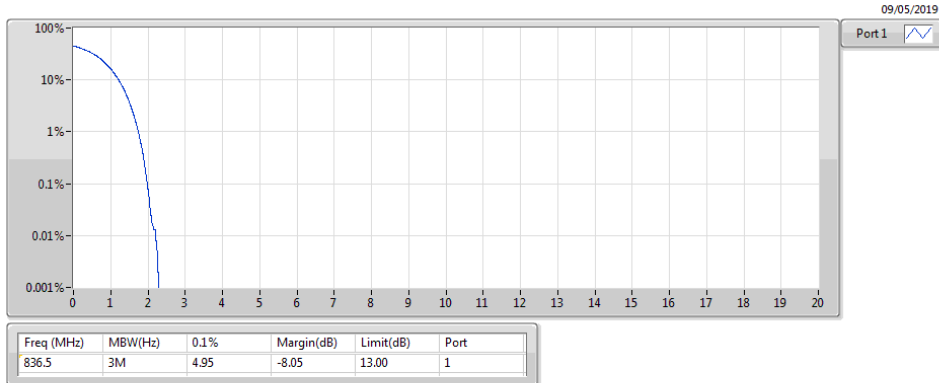
**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 12,#RB M**

PAR



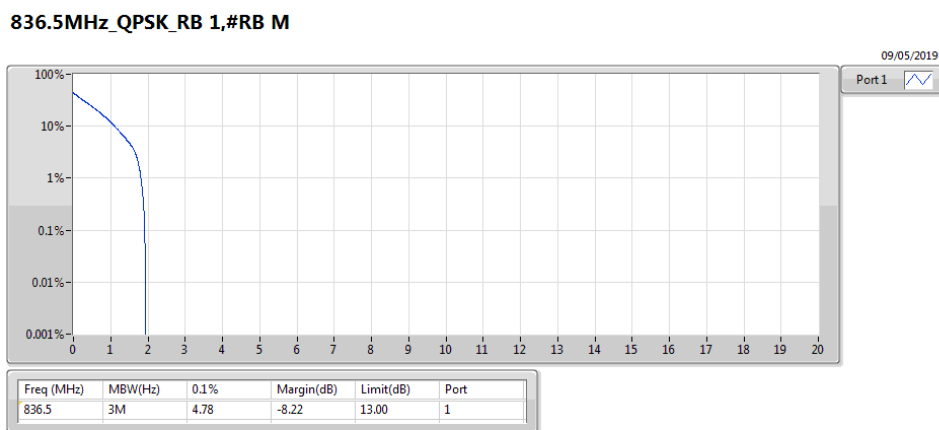
**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 15,#RB 0**

PAR



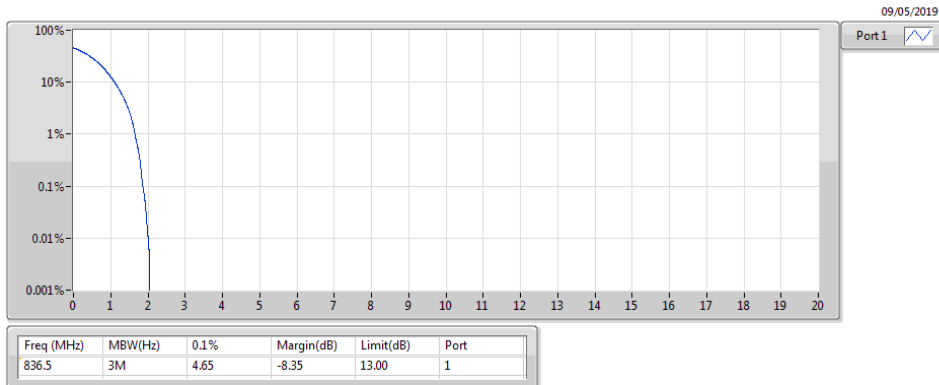
**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 1,#RB M**

PAR



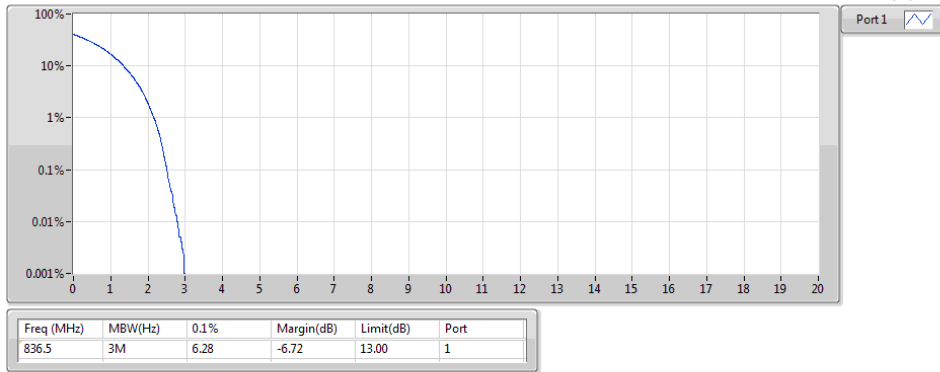
**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 8,#RB M**

PAR



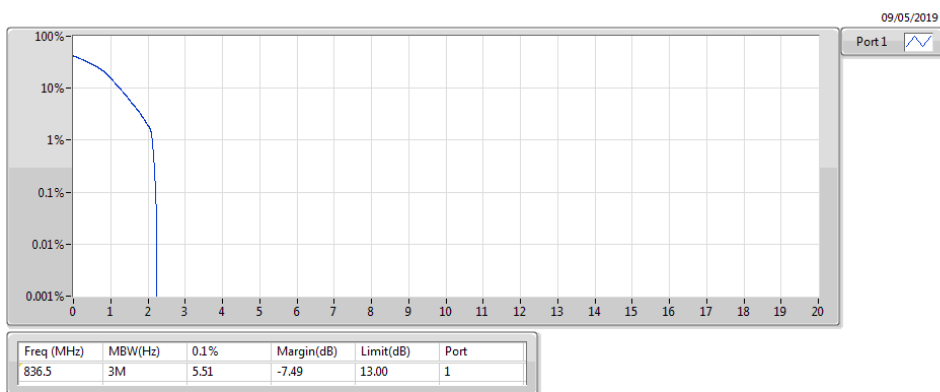
**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 15,#RB 0**

PAR



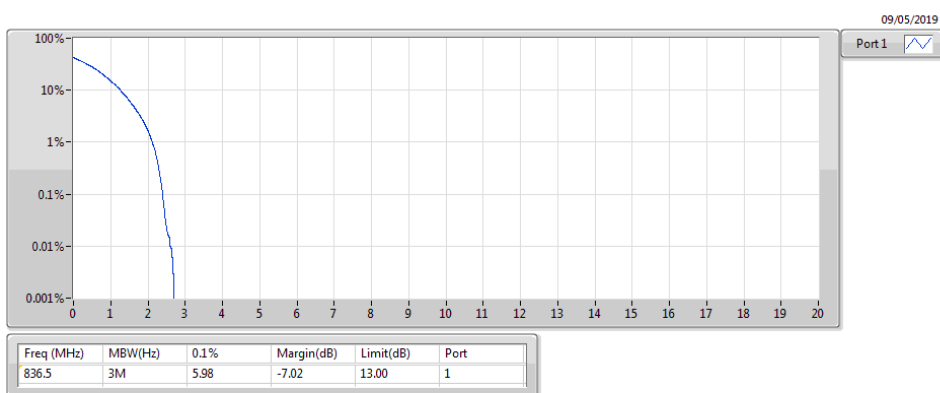
**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 1,#RB M**

PAR



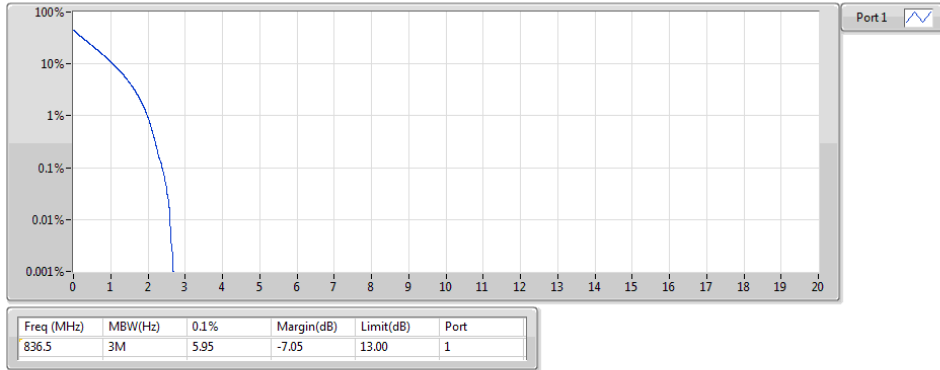
**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 8,#RB M**

PAR



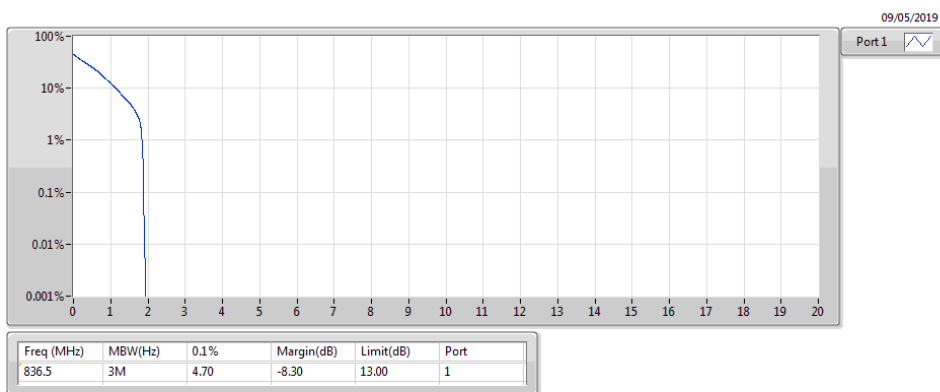
**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0**

PAR



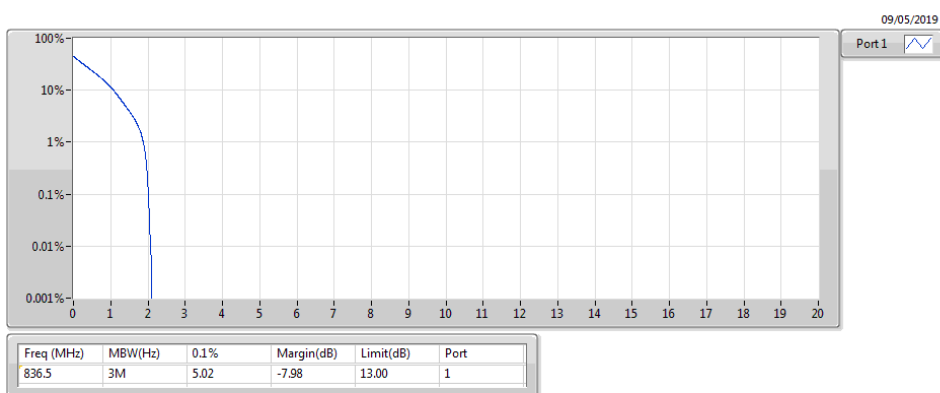
**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 1,#RB M**

PAR



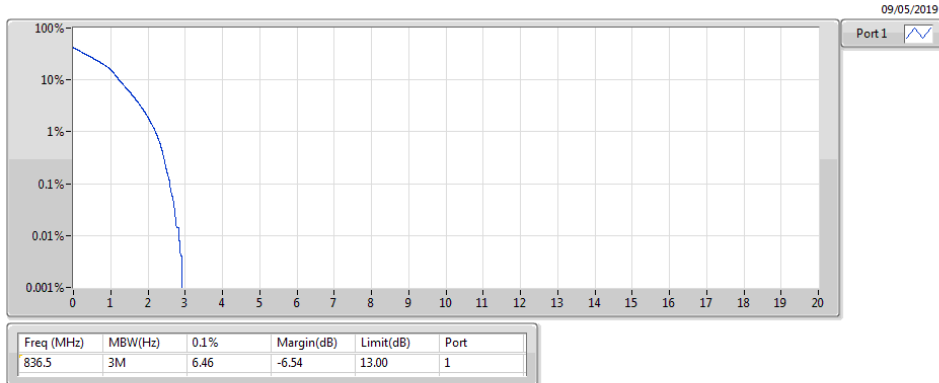
**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 3,#RB M**

PAR



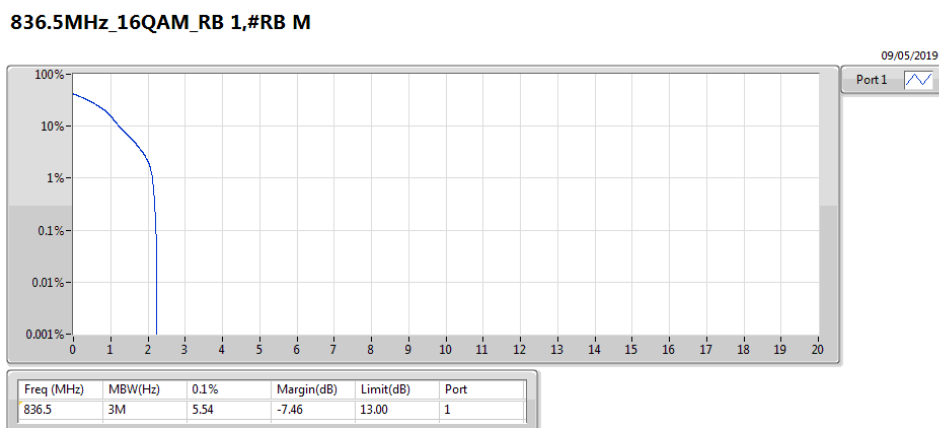
**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0**

PAR



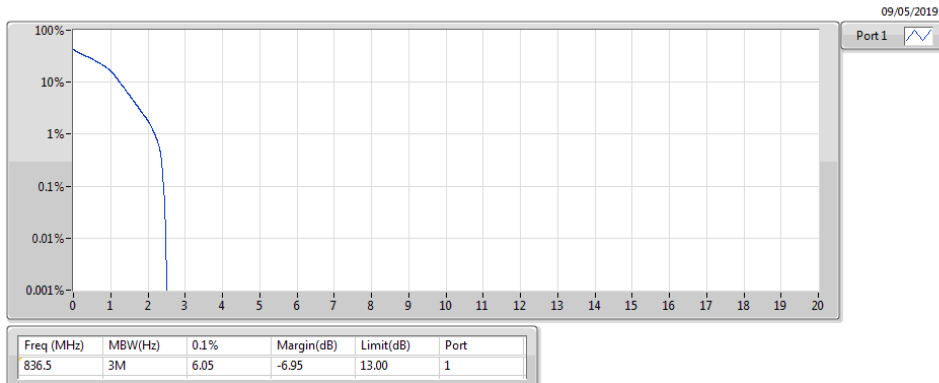
**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 3,#RB M**

PAR





**<Mode 7> EUT 2 + LTE Band 12 Link**

**Summary**

| Mode                      | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|---------------------------|--------|---------------|---------------|------|------|
| Band 12                   | -      | -             | -             | -    | -    |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 707.5         | 13.00         | 4.94 | 1    |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 707.5         | 13.00         | 5.48 | 1    |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 700.5         | 13.00         | 4.74 | 1    |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 700.5         | 13.00         | 5.82 | 1    |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 713.5         | 13.00         | 4.91 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 707.5         | 13.00         | 5.57 | 1    |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 704.5         | 13.00         | 5.55 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 707.5         | 13.00         | 6.37 | 1    |



## Peak to Average Power Ratio (PAPR) Results

## Appendix B.7

### Result

| Mode                              | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|-----------------------------------|--------|---------------|---------------|------|------|
| Band 12_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 699.7MHz_RB 6,#RB 0               | Pass   | 699.7         | 13.00         | 4.93 | 1    |
| 699.7MHz_RB 1,#RB M               | Pass   | 699.7         | 13.00         | 3.71 | 1    |
| 699.7MHz_RB 3,#RB M               | Pass   | 699.7         | 13.00         | 4.21 | 1    |
| 707.5MHz_RB 6,#RB 0               | Pass   | 707.5         | 13.00         | 4.94 | 1    |
| 707.5MHz_RB 1,#RB M               | Pass   | 707.5         | 13.00         | 3.68 | 1    |
| 707.5MHz_RB 3,#RB M               | Pass   | 707.5         | 13.00         | 4.04 | 1    |
| 715.3MHz_RB 6,#RB 0               | Pass   | 715.3         | 13.00         | 4.93 | 1    |
| 715.3MHz_RB 1,#RB M               | Pass   | 715.3         | 13.00         | 3.79 | 1    |
| 715.3MHz_RB 3,#RB M               | Pass   | 715.3         | 13.00         | 4.19 | 1    |
| Band 12_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 699.7MHz_RB 6,#RB 0               | Pass   | 699.7         | 13.00         | 5.46 | 1    |
| 699.7MHz_RB 1,#RB M               | Pass   | 699.7         | 13.00         | 4.59 | 1    |
| 699.7MHz_RB 3,#RB M               | Pass   | 699.7         | 13.00         | 5.01 | 1    |
| 707.5MHz_RB 6,#RB 0               | Pass   | 707.5         | 13.00         | 5.48 | 1    |
| 707.5MHz_RB 1,#RB M               | Pass   | 707.5         | 13.00         | 4.37 | 1    |
| 707.5MHz_RB 3,#RB M               | Pass   | 707.5         | 13.00         | 4.76 | 1    |
| 715.3MHz_RB 6,#RB 0               | Pass   | 715.3         | 13.00         | 5.37 | 1    |
| 715.3MHz_RB 1,#RB M               | Pass   | 715.3         | 13.00         | 4.49 | 1    |
| 715.3MHz_RB 3,#RB M               | Pass   | 715.3         | 13.00         | 4.96 | 1    |
| Band 12_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 700.5MHz_RB 15,#RB 0              | Pass   | 700.5         | 13.00         | 4.74 | 1    |
| 700.5MHz_RB 1,#RB M               | Pass   | 700.5         | 13.00         | 3.83 | 1    |
| 700.5MHz_RB 8,#RB M               | Pass   | 700.5         | 13.00         | 4.22 | 1    |
| 707.5MHz_RB 15,#RB 0              | Pass   | 707.5         | 13.00         | 4.72 | 1    |
| 707.5MHz_RB 1,#RB M               | Pass   | 707.5         | 13.00         | 3.69 | 1    |
| 707.5MHz_RB 8,#RB M               | Pass   | 707.5         | 13.00         | 4.00 | 1    |
| 714.5MHz_RB 15,#RB 0              | Pass   | 714.5         | 13.00         | 4.68 | 1    |
| 714.5MHz_RB 1,#RB M               | Pass   | 714.5         | 13.00         | 3.61 | 1    |
| 714.5MHz_RB 8,#RB M               | Pass   | 714.5         | 13.00         | 4.06 | 1    |
| Band 12_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -             | -    | -    |
| 700.5MHz_RB 15,#RB 0              | Pass   | 700.5         | 13.00         | 5.82 | 1    |
| 700.5MHz_RB 1,#RB M               | Pass   | 700.5         | 13.00         | 4.40 | 1    |
| 700.5MHz_RB 8,#RB M               | Pass   | 700.5         | 13.00         | 5.36 | 1    |
| 707.5MHz_RB 15,#RB 0              | Pass   | 707.5         | 13.00         | 5.79 | 1    |
| 707.5MHz_RB 1,#RB M               | Pass   | 707.5         | 13.00         | 4.43 | 1    |
| 707.5MHz_RB 8,#RB M               | Pass   | 707.5         | 13.00         | 5.24 | 1    |
| 714.5MHz_RB 15,#RB 0              | Pass   | 714.5         | 13.00         | 5.74 | 1    |
| 714.5MHz_RB 1,#RB M               | Pass   | 714.5         | 13.00         | 4.27 | 1    |
| 714.5MHz_RB 8,#RB M               | Pass   | 714.5         | 13.00         | 5.09 | 1    |
| Band 12_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -             | -    | -    |
| 701.5MHz_RB 25,#RB 0              | Pass   | 701.5         | 13.00         | 4.89 | 1    |
| 701.5MHz_RB 1,#RB M               | Pass   | 701.5         | 13.00         | 3.80 | 1    |
| 701.5MHz_RB 12,#RB M              | Pass   | 701.5         | 13.00         | 4.37 | 1    |



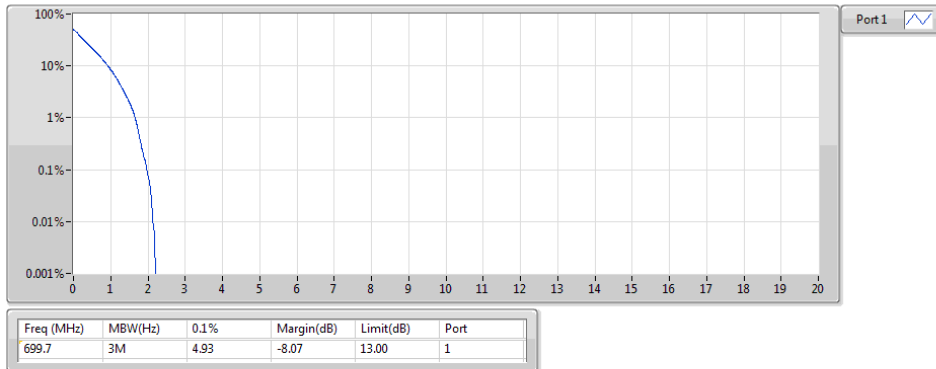
## Peak to Average Power Ratio (PAPR) Results

## Appendix B.7

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| 707.5MHz_RB 25,#RB 0             | Pass   | 707.5         | 13.00         | 4.85 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 3.58 | 1    |
| 707.5MHz_RB 12,#RB M             | Pass   | 707.5         | 13.00         | 4.51 | 1    |
| 713.5MHz_RB 25,#RB 0             | Pass   | 713.5         | 13.00         | 4.91 | 1    |
| 713.5MHz_RB 1,#RB M              | Pass   | 713.5         | 13.00         | 3.70 | 1    |
| 713.5MHz_RB 12,#RB M             | Pass   | 713.5         | 13.00         | 4.36 | 1    |
| Band 12_LTE_5MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 701.5MHz_RB 25,#RB 0             | Pass   | 701.5         | 13.00         | 5.50 | 1    |
| 701.5MHz_RB 1,#RB M              | Pass   | 701.5         | 13.00         | 4.50 | 1    |
| 701.5MHz_RB 12,#RB M             | Pass   | 701.5         | 13.00         | 5.21 | 1    |
| 707.5MHz_RB 25,#RB 0             | Pass   | 707.5         | 13.00         | 5.57 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 4.26 | 1    |
| 707.5MHz_RB 12,#RB M             | Pass   | 707.5         | 13.00         | 5.32 | 1    |
| 713.5MHz_RB 25,#RB 0             | Pass   | 713.5         | 13.00         | 5.53 | 1    |
| 713.5MHz_RB 1,#RB M              | Pass   | 713.5         | 13.00         | 4.47 | 1    |
| 713.5MHz_RB 12,#RB M             | Pass   | 713.5         | 13.00         | 5.20 | 1    |
| Band 12_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 704.5MHz_RB 50,#RB 0             | Pass   | 704.5         | 13.00         | 5.55 | 1    |
| 704.5MHz_RB 1,#RB M              | Pass   | 704.5         | 13.00         | 3.68 | 1    |
| 704.5MHz_RB 25,#RB M             | Pass   | 704.5         | 13.00         | 4.67 | 1    |
| 707.5MHz_RB 50,#RB 0             | Pass   | 707.5         | 13.00         | 5.46 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 3.71 | 1    |
| 707.5MHz_RB 25,#RB M             | Pass   | 707.5         | 13.00         | 4.73 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 5.44 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 3.80 | 1    |
| 711MHz_RB 25,#RB M               | Pass   | 711           | 13.00         | 4.69 | 1    |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 704.5MHz_RB 50,#RB 0             | Pass   | 704.5         | 13.00         | 6.36 | 1    |
| 704.5MHz_RB 1,#RB M              | Pass   | 704.5         | 13.00         | 4.26 | 1    |
| 704.5MHz_RB 25,#RB M             | Pass   | 704.5         | 13.00         | 5.69 | 1    |
| 707.5MHz_RB 50,#RB 0             | Pass   | 707.5         | 13.00         | 6.37 | 1    |
| 707.5MHz_RB 1,#RB M              | Pass   | 707.5         | 13.00         | 4.48 | 1    |
| 707.5MHz_RB 25,#RB M             | Pass   | 707.5         | 13.00         | 5.79 | 1    |
| 711MHz_RB 50,#RB 0               | Pass   | 711           | 13.00         | 6.33 | 1    |
| 711MHz_RB 1,#RB M                | Pass   | 711           | 13.00         | 4.24 | 1    |
| 711MHz_RB 25,#RB M               | Pass   | 711           | 13.00         | 5.77 | 1    |

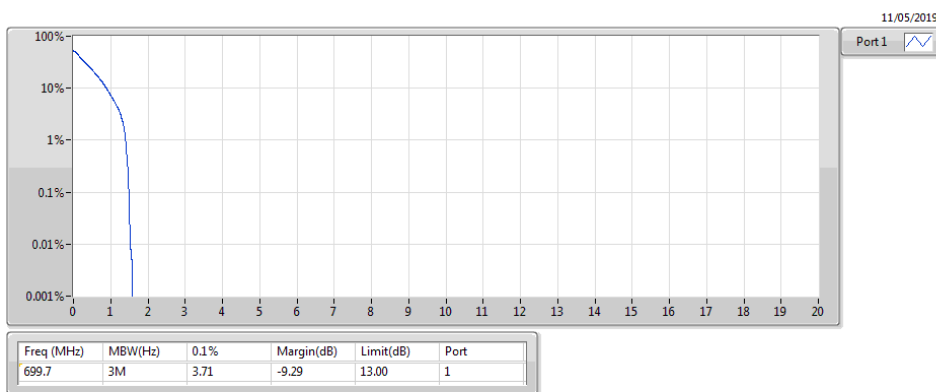
**Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**699.7MHz\_QPSK\_RB 6,#RB 0**

PAR



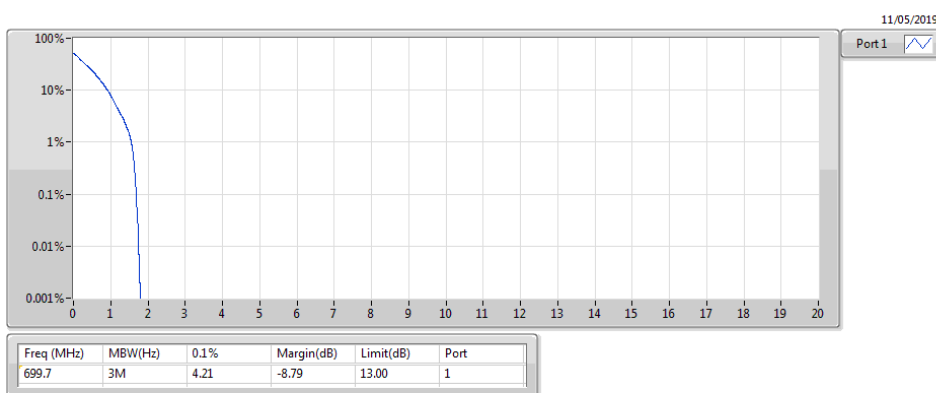
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**699.7MHz\_QPSK\_RB 1,#RB M**

PAR



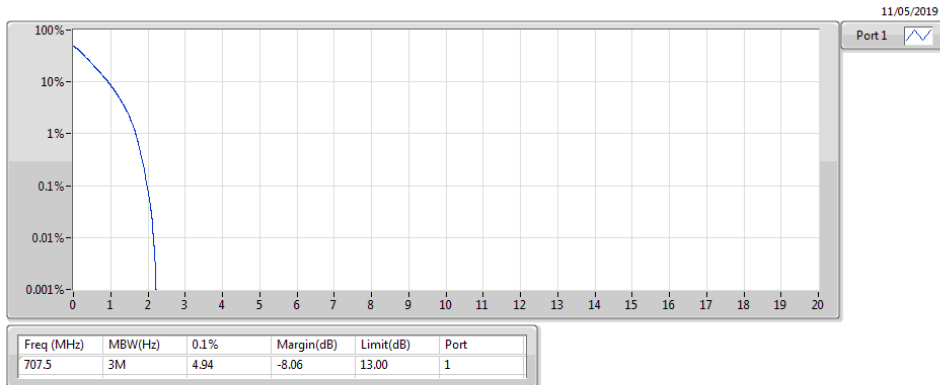
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**699.7MHz\_QPSK\_RB 3,#RB M**

PAR



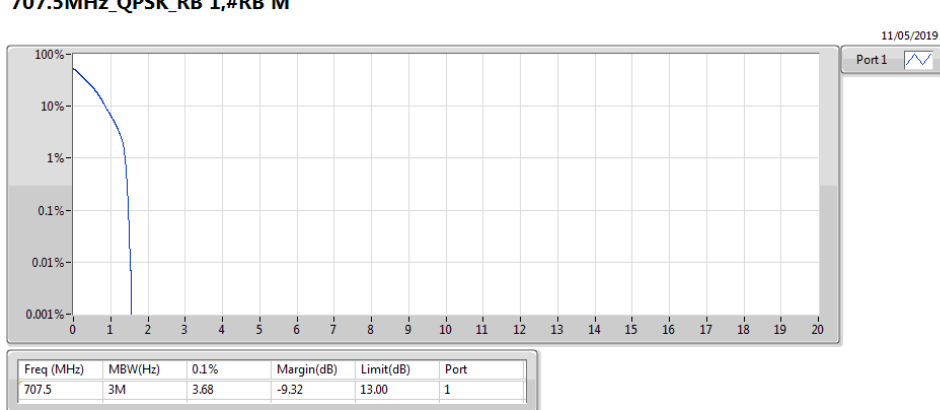
**Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**707.5MHz\_QPSK\_RB 6,#RB 0**

PAR



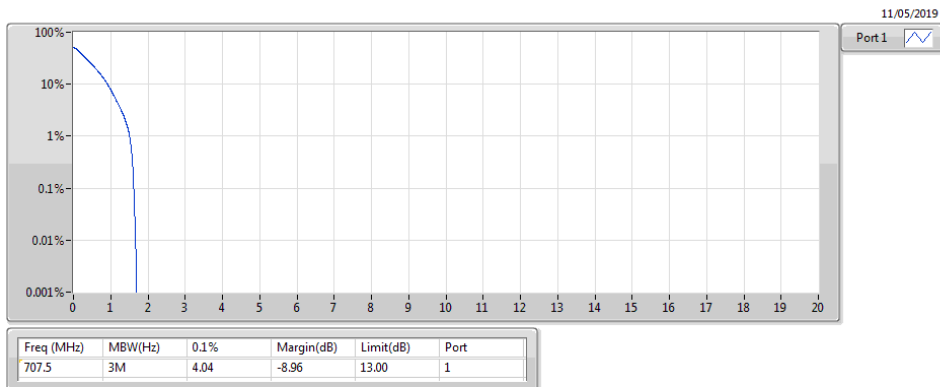
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**707.5MHz\_QPSK\_RB 1,#RB M**

PAR



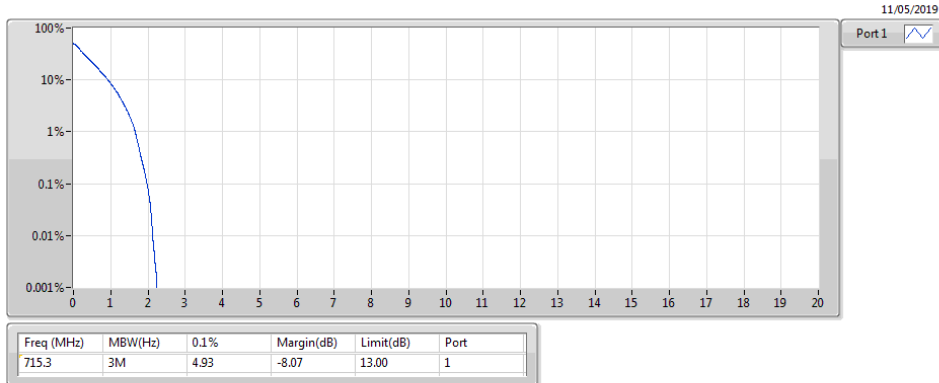
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**707.5MHz\_QPSK\_RB 3,#RB M**

PAR



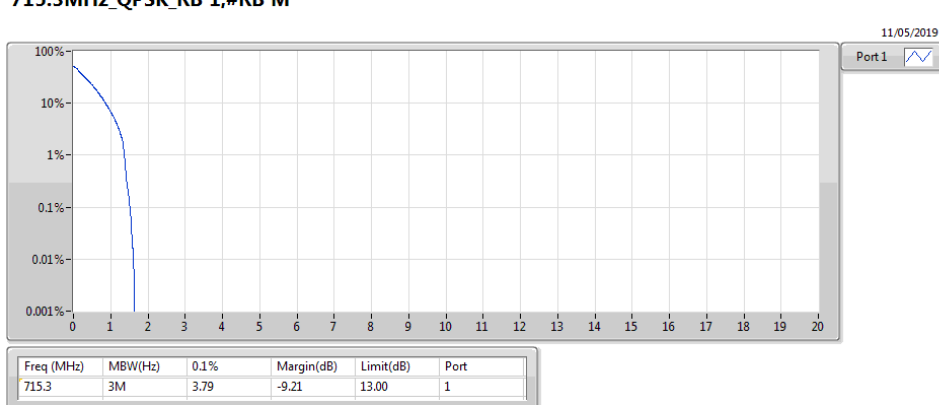
## Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX 715.3MHz\_QPSK\_RB 6,#RB 0

PAR



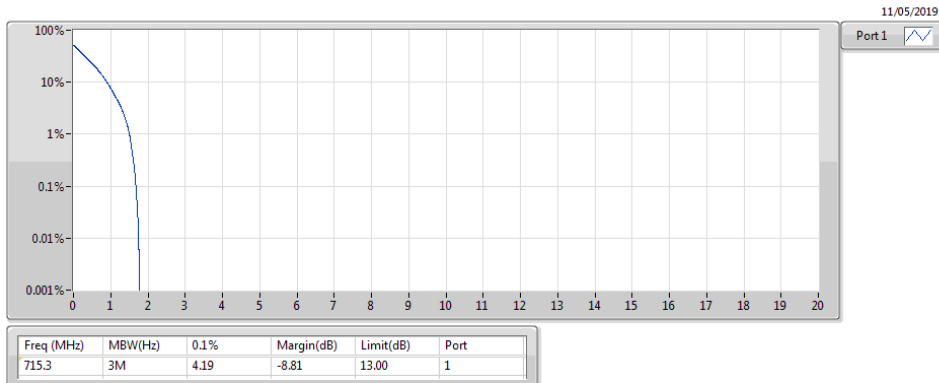
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PAR



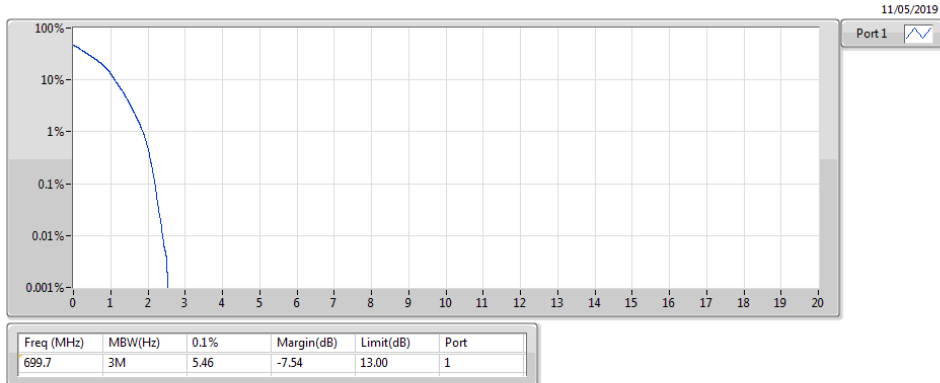
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PAR



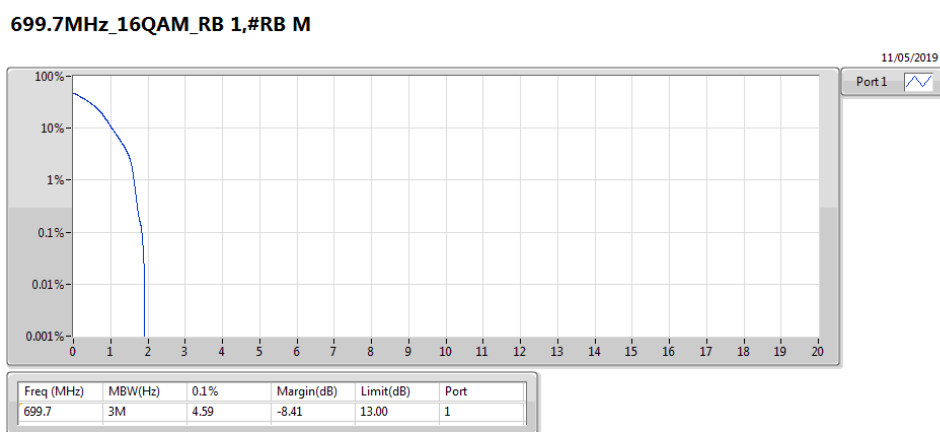
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PAR



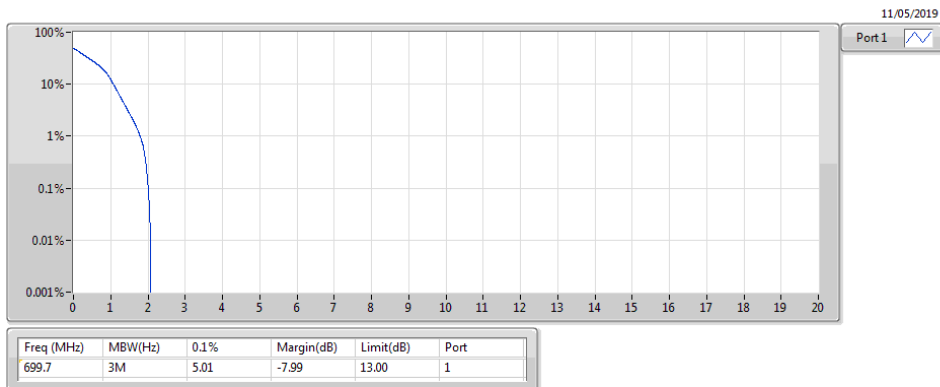
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PAR



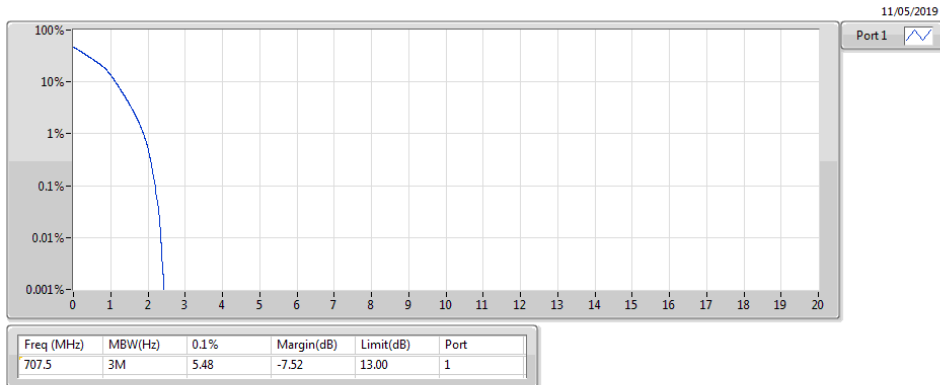
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PAR



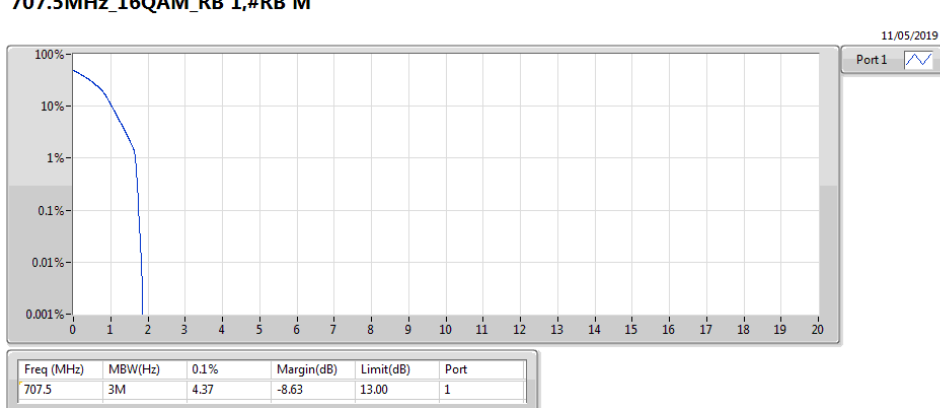
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**707.5MHz\_16QAM\_RB 6,#RB 0**

PAR



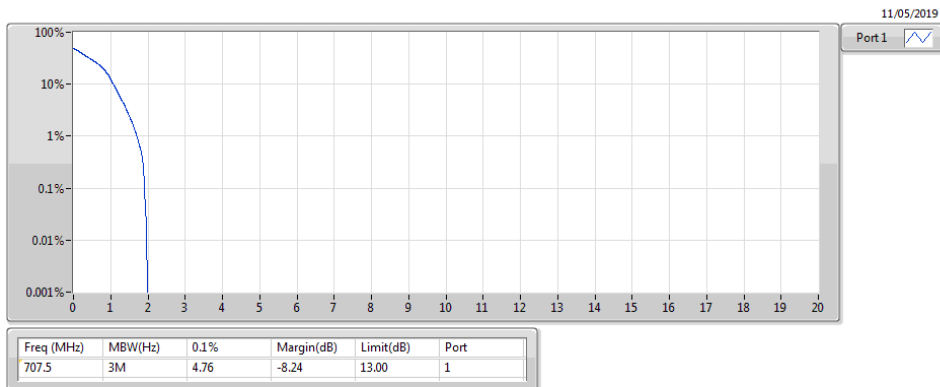
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PAR



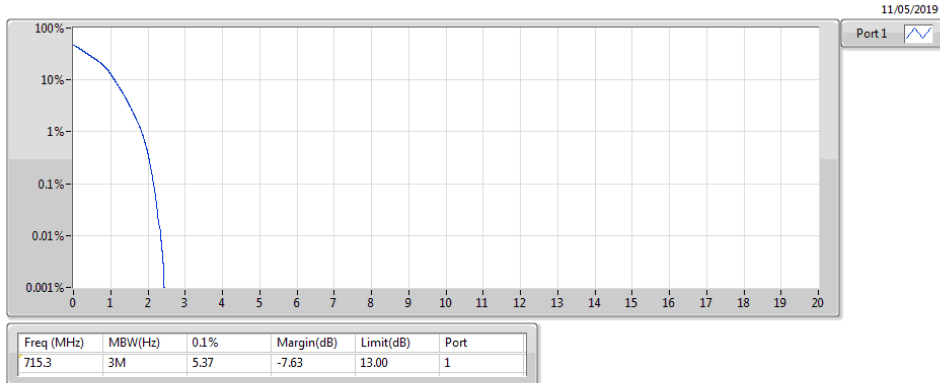
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**707.5MHz\_16QAM\_RB 3,#RB M**

PAR



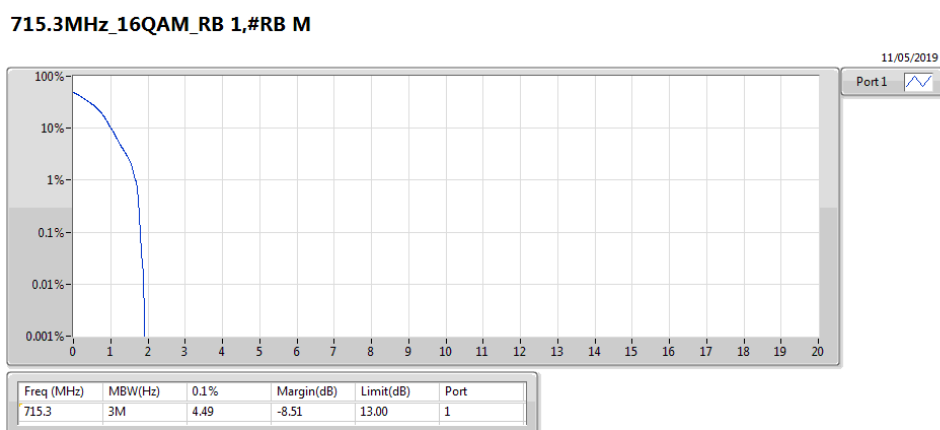
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**715.3MHz\_16QAM\_RB 6,#RB 0**

PAR



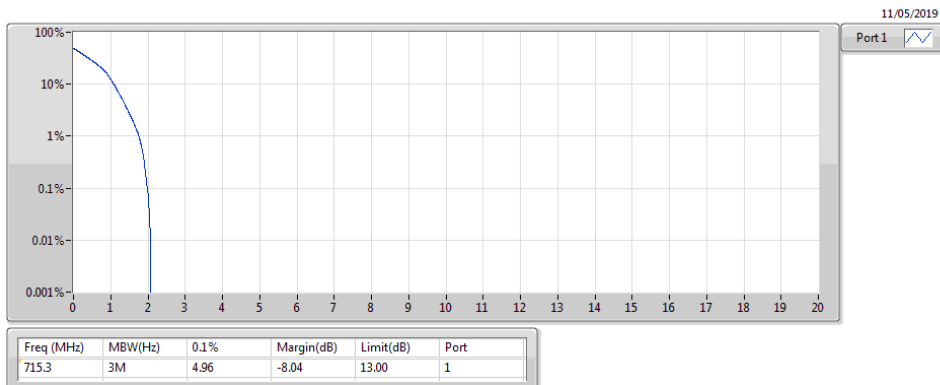
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PAR



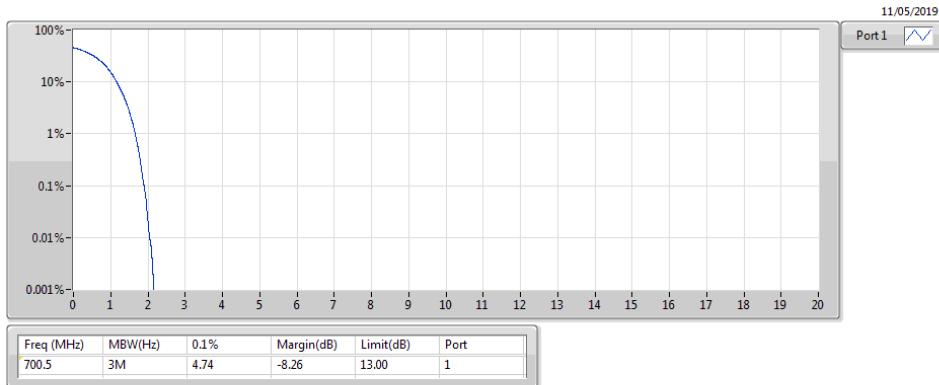
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PAR



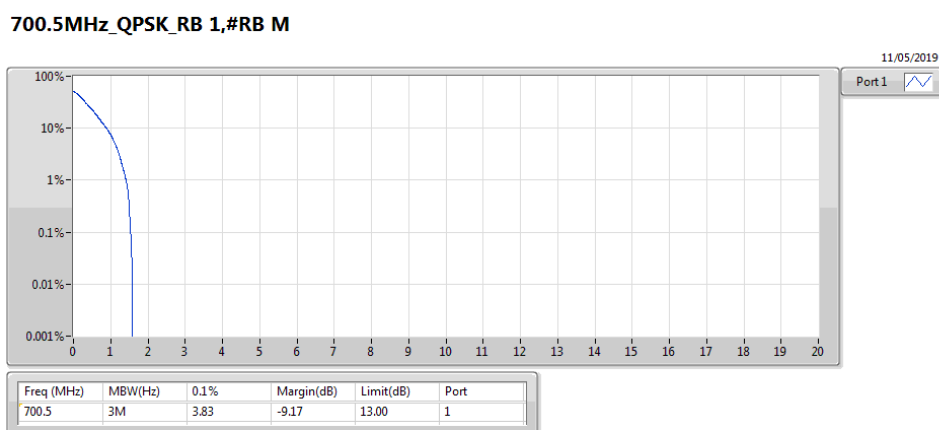
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PAR



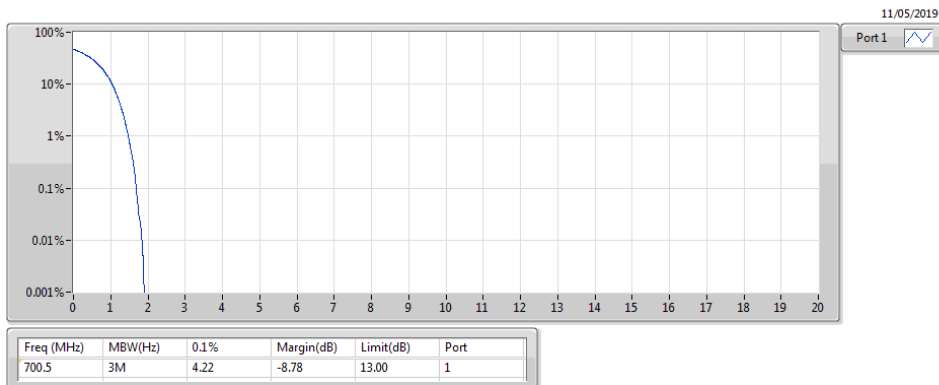
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**700.5MHz\_QPSK\_RB 1,#RB M**

PAR



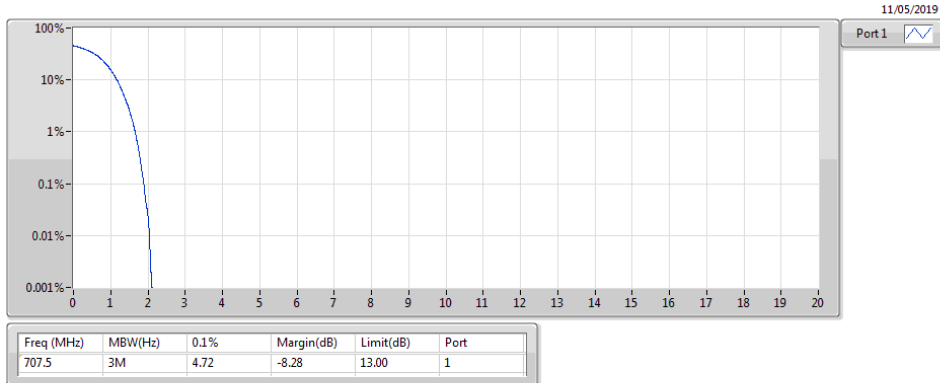
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PAR



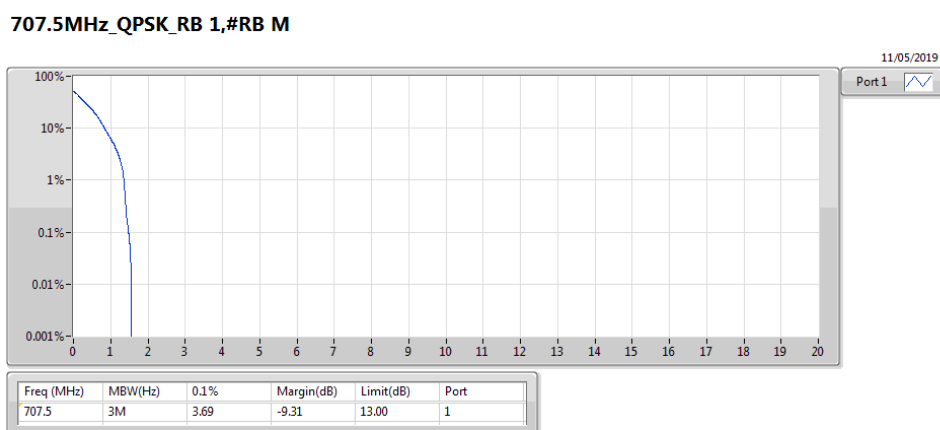
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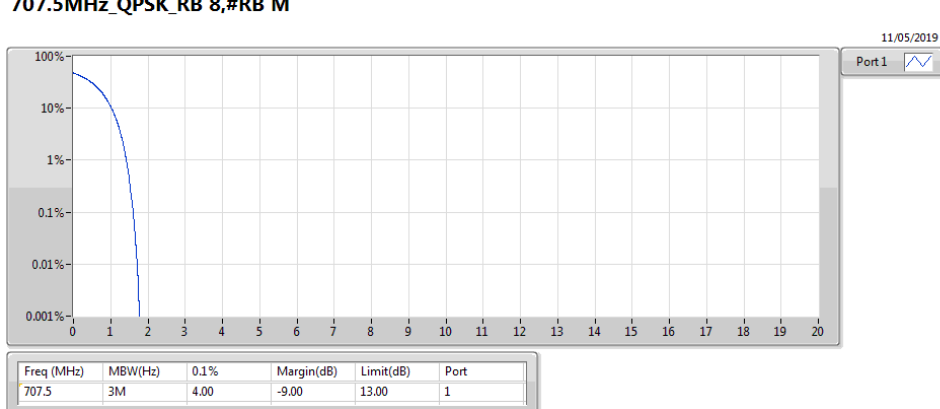
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**707.5MHz\_QPSK\_RB 1,#RB M**

PAR



**Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**707.5MHz\_QPSK\_RB 8,#RB M**

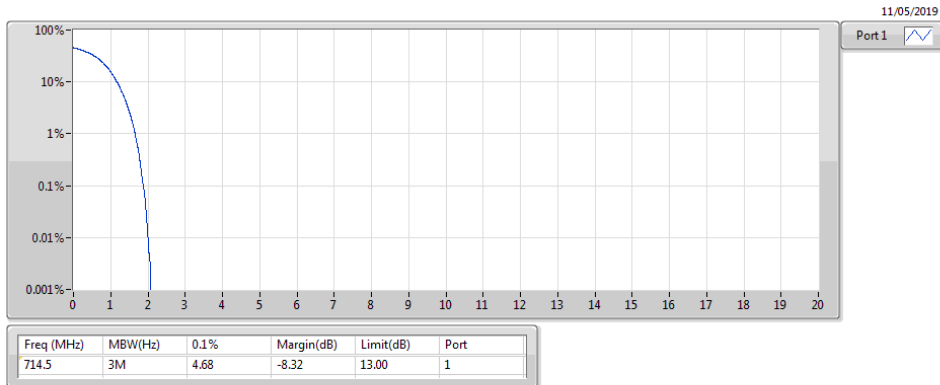
PAR



Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX

PAR

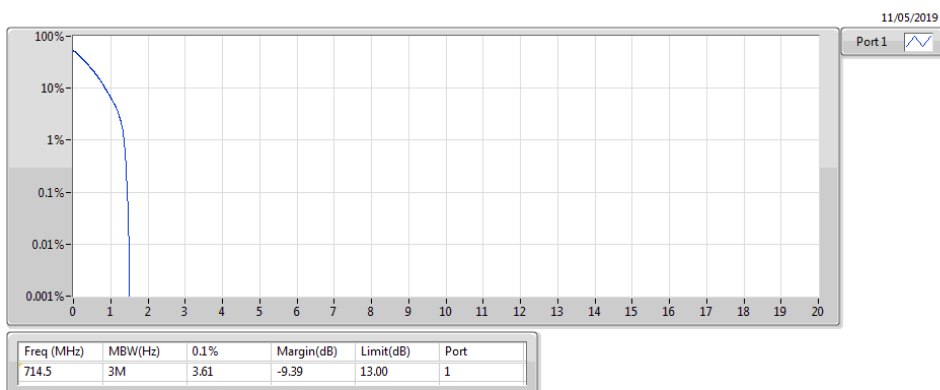
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Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX

PAR

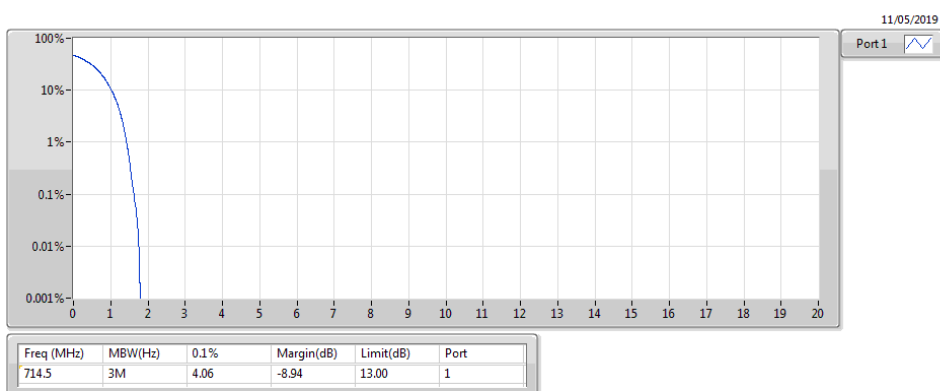
714.5MHz\_QPSK\_RB 1,#RB M



Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX

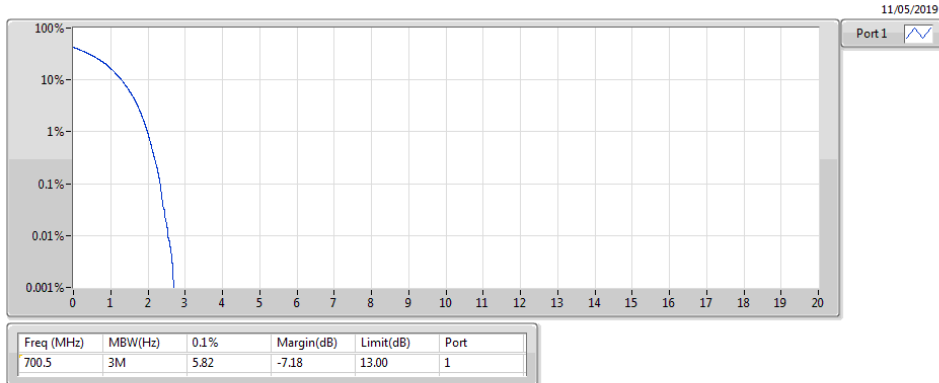
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714.5MHz\_QPSK\_RB 8,#RB M



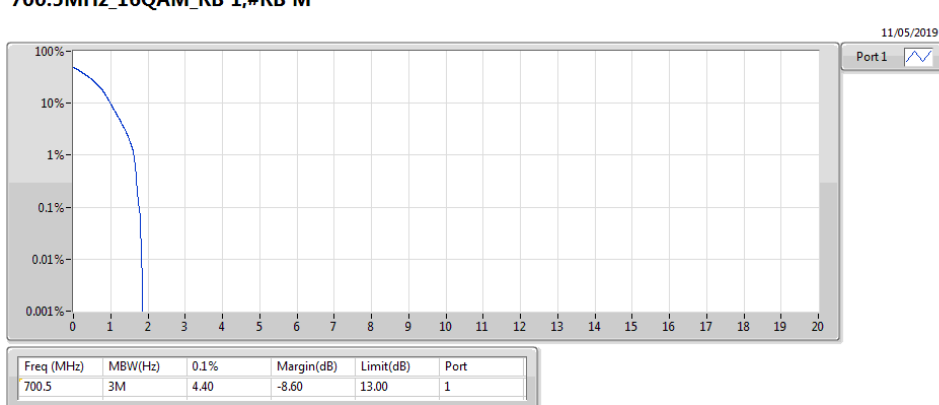
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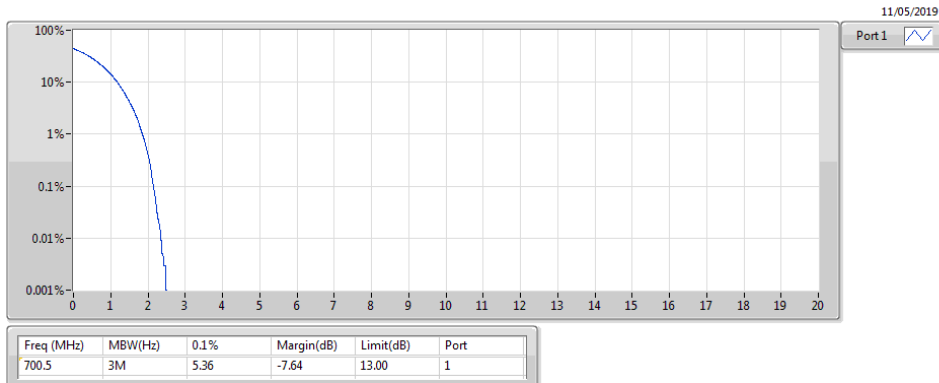
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PAR



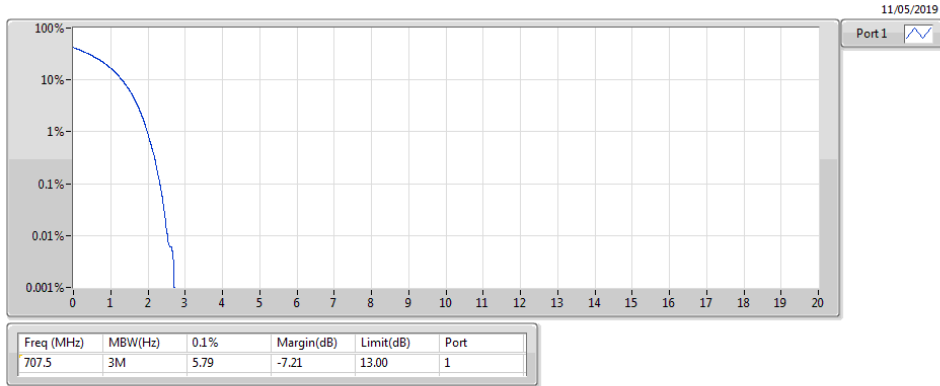
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PAR



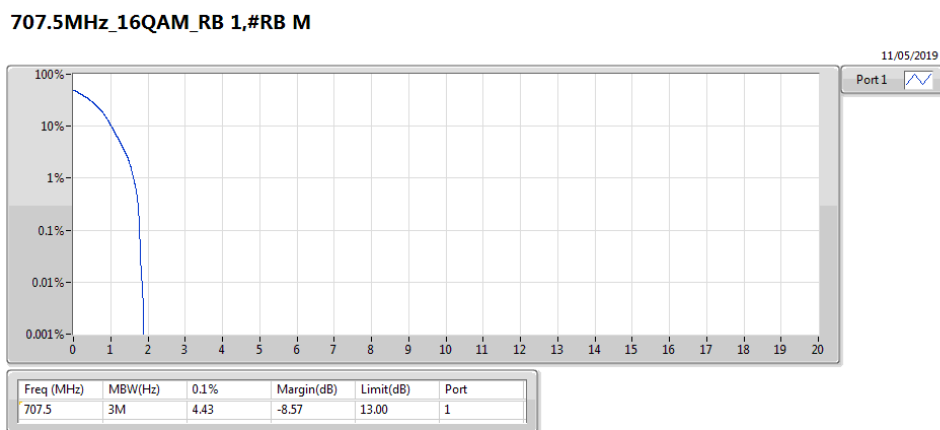
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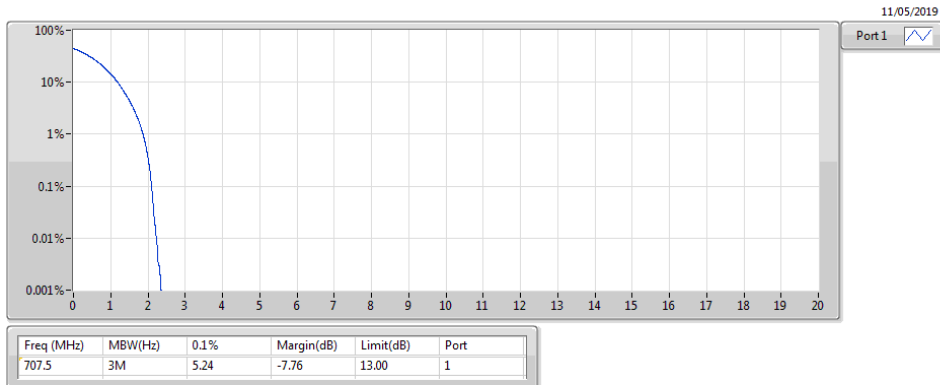
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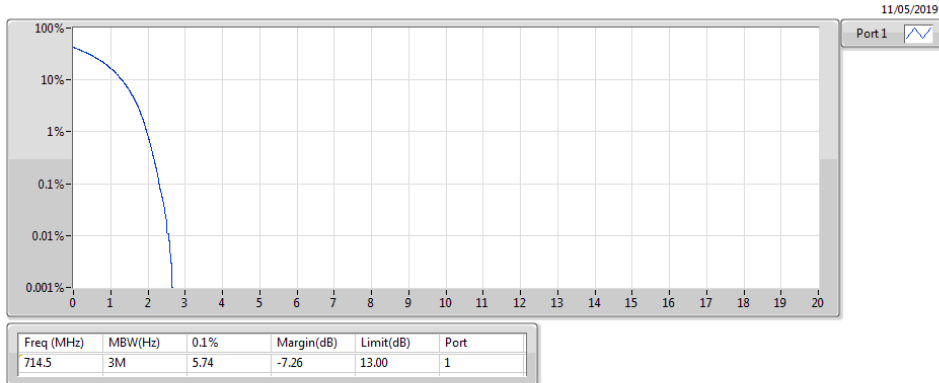
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PAR



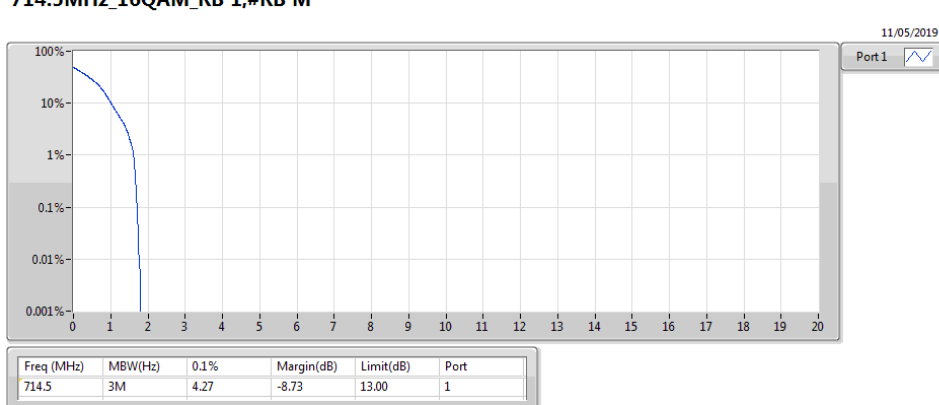
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PAR



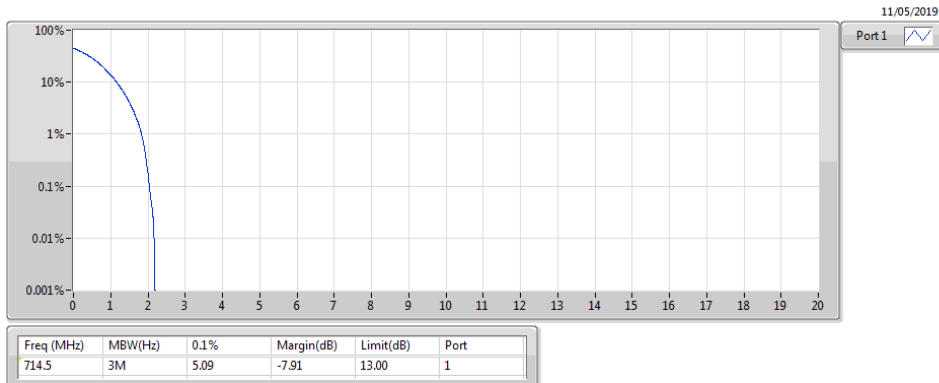
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**714.5MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 12\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
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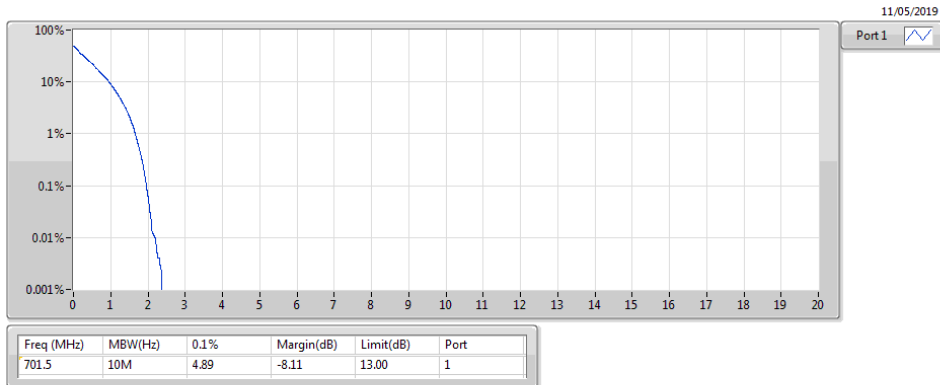
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

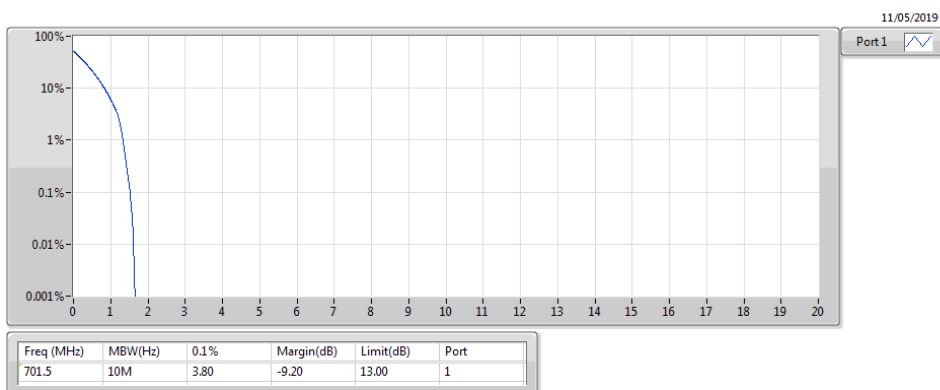
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

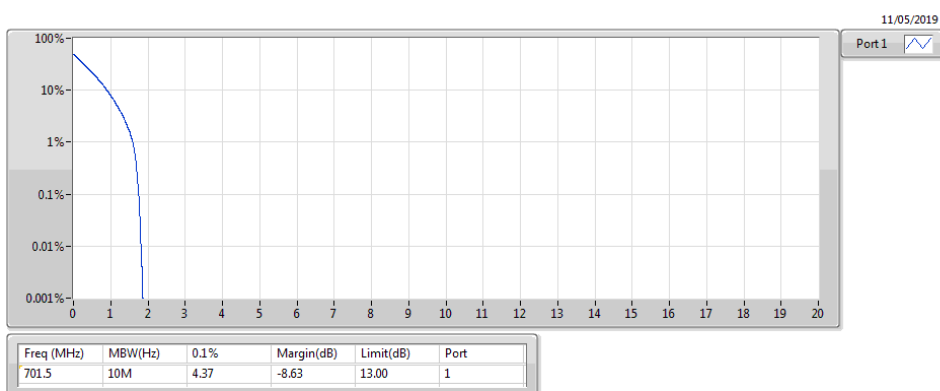
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

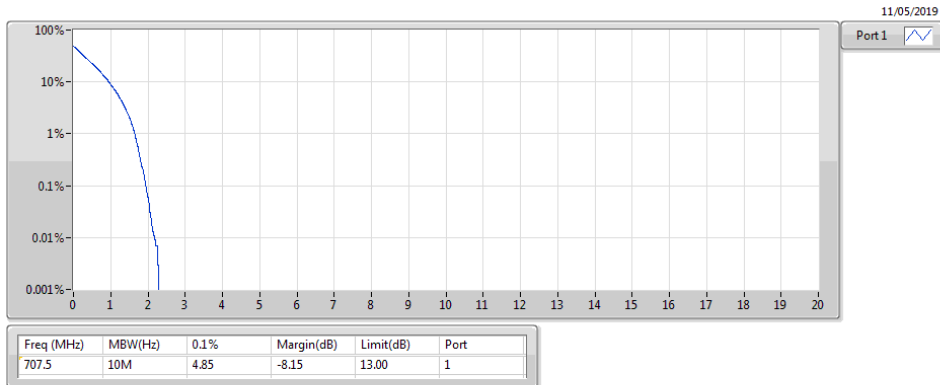
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

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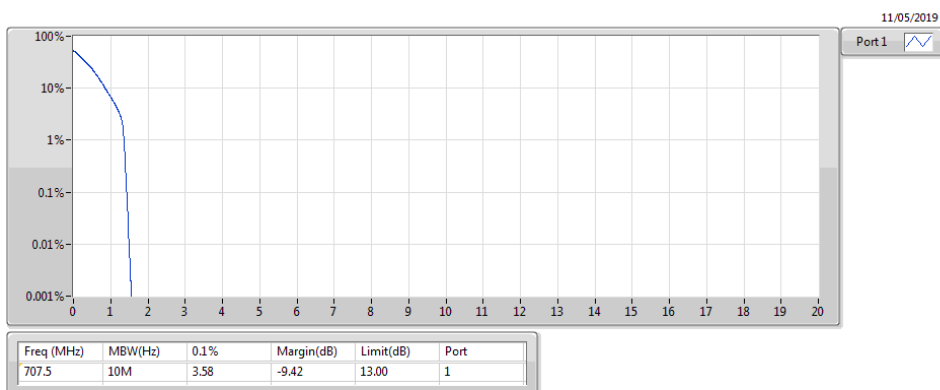
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

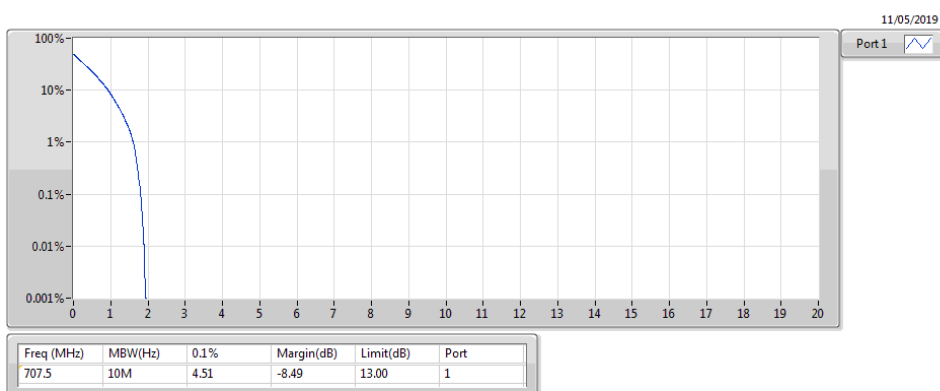
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

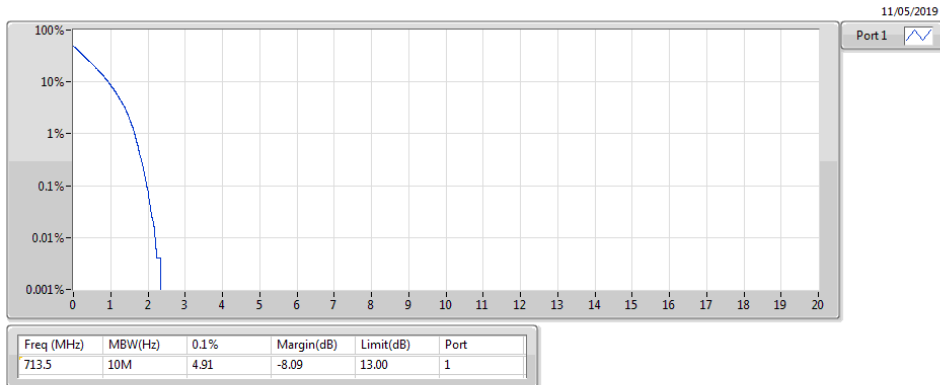
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

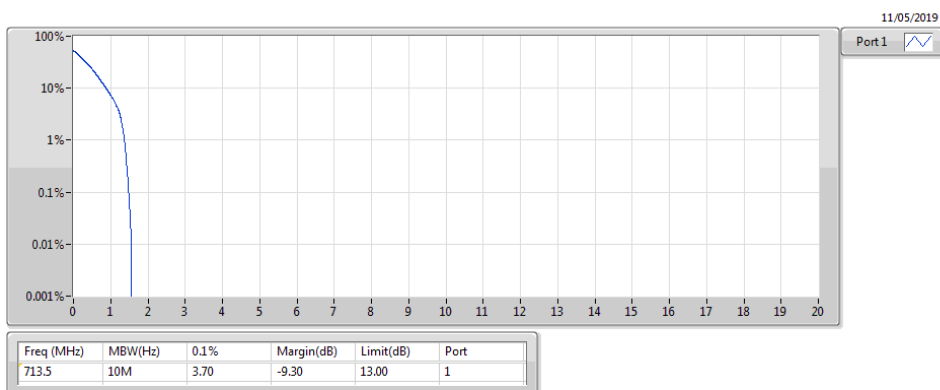
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

PAR

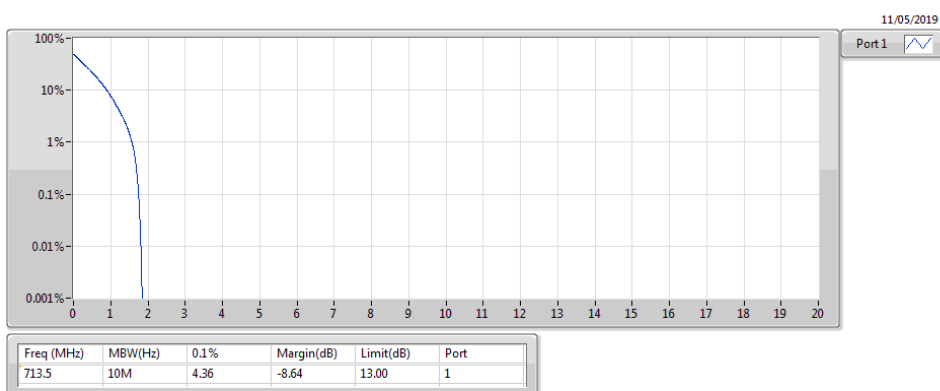
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Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX

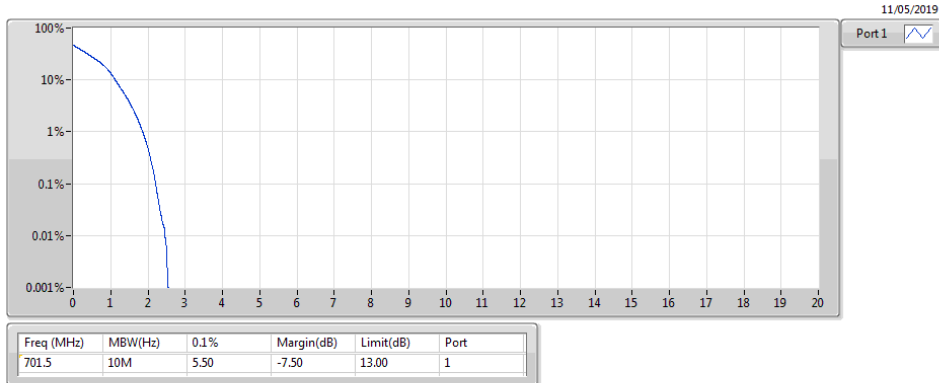
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713.5MHz\_QPSK\_RB 12,#RB M



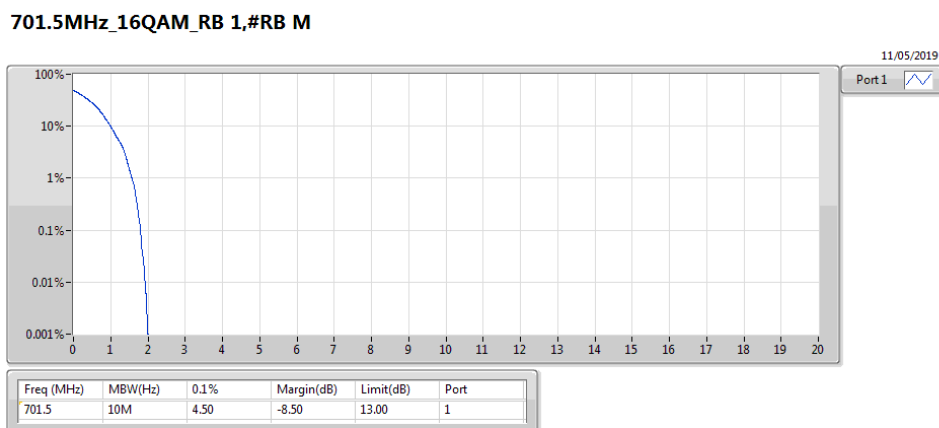
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**PAR**



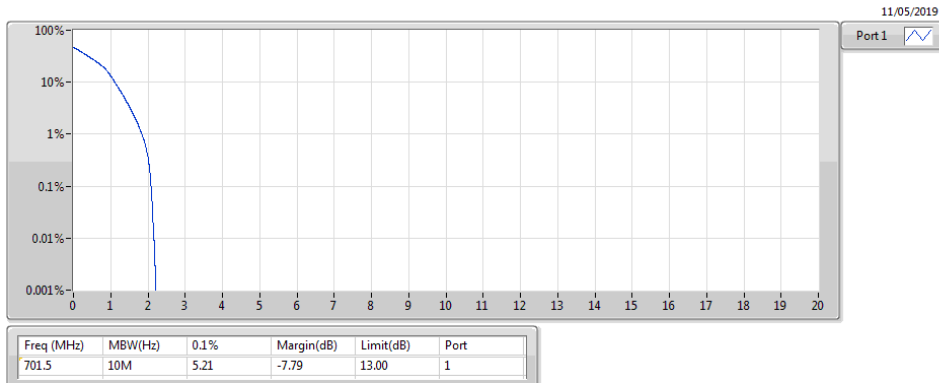
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**PAR**



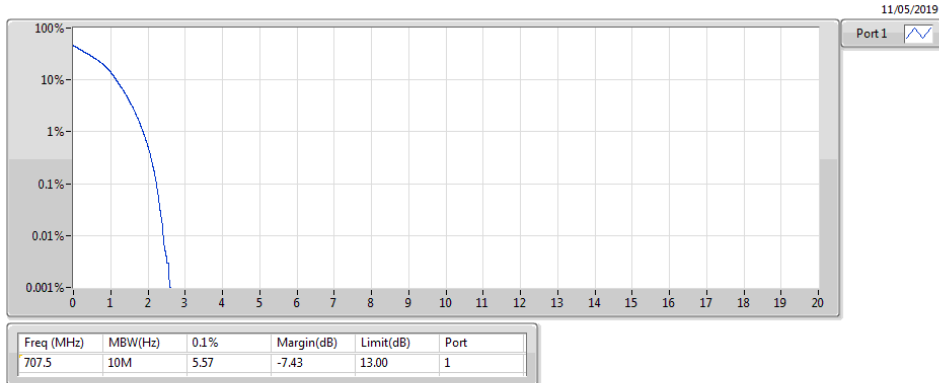
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**PAR**



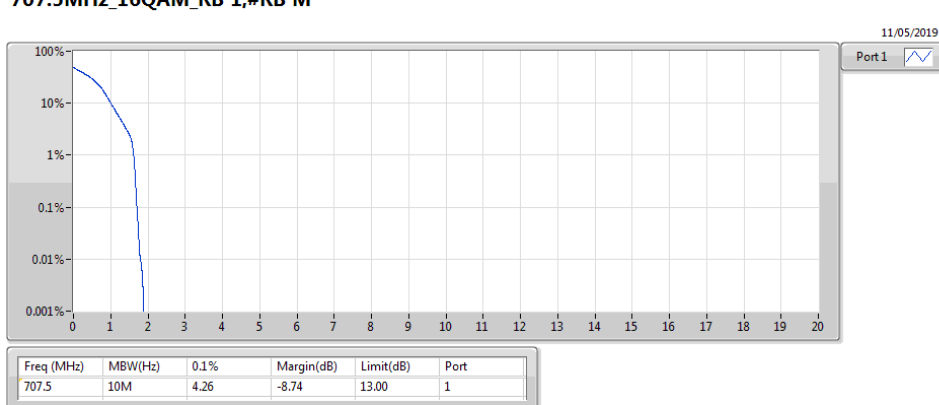
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PAR



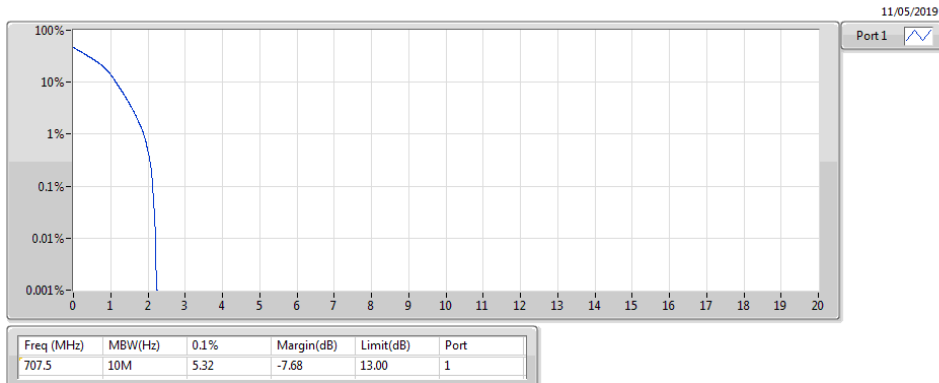
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PAR



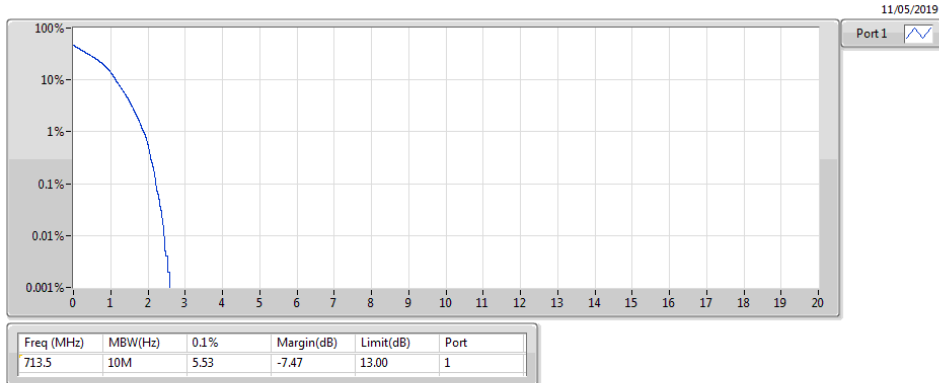
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PAR



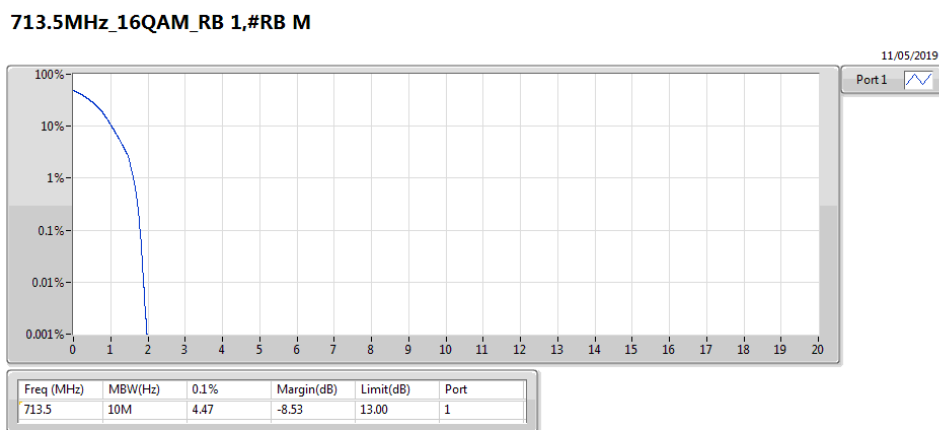
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PAR



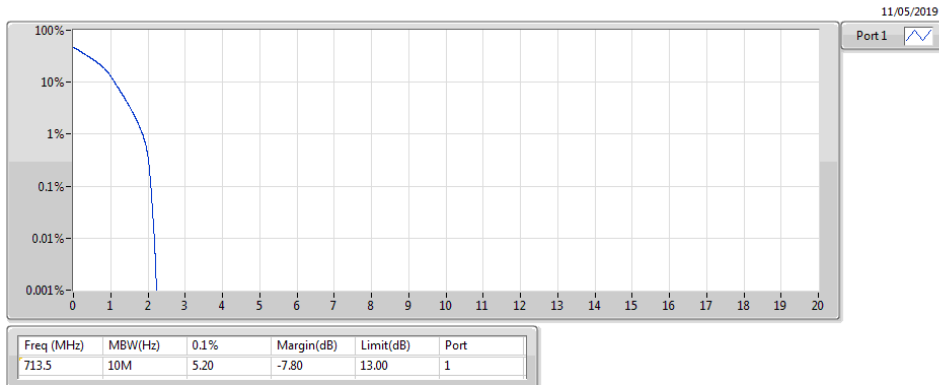
**Band 12\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
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PAR



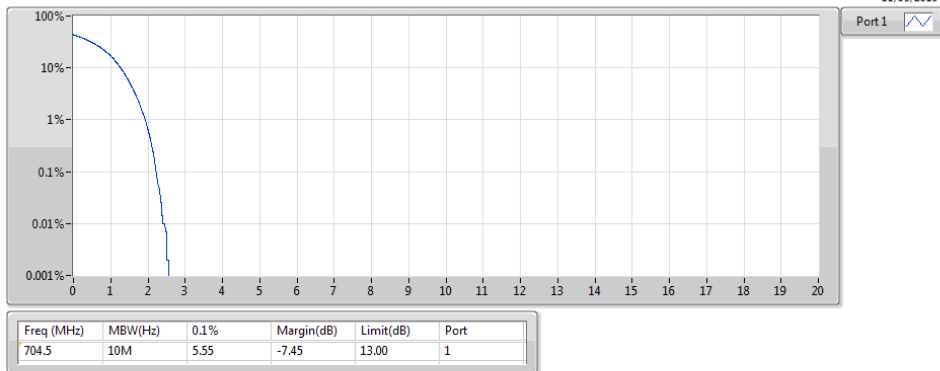
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PAR



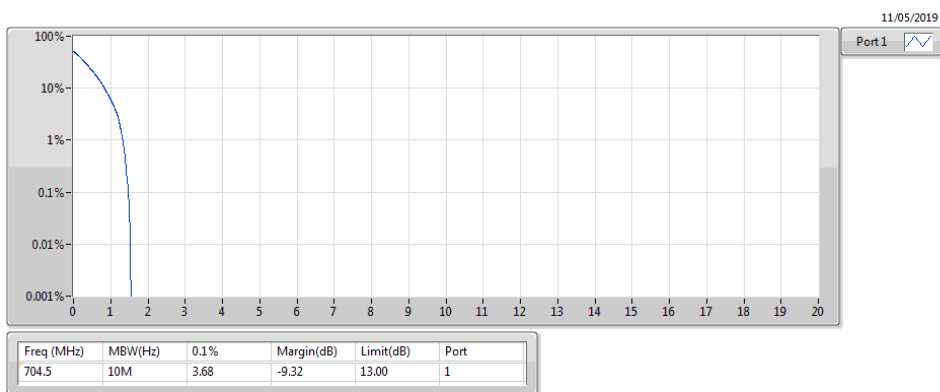
## Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX 704.5MHz\_QPSK\_RB 50,#RB 0

PAR



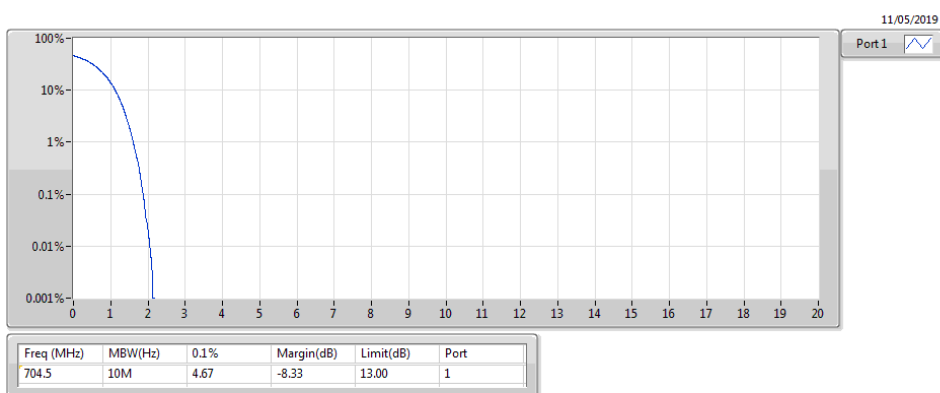
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PAR



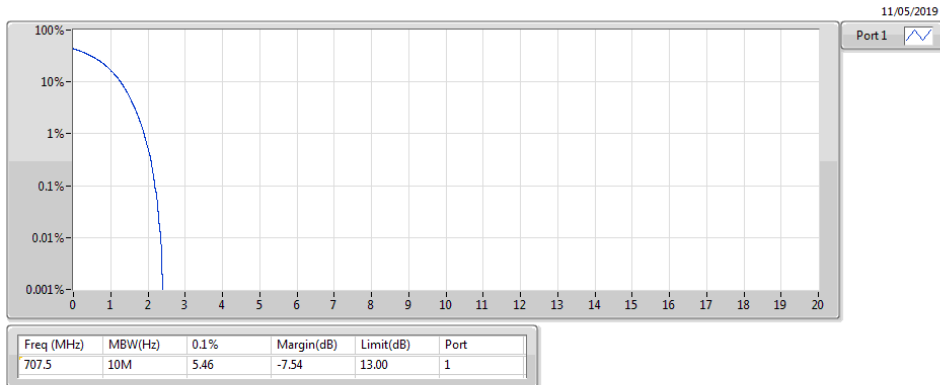
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PAR



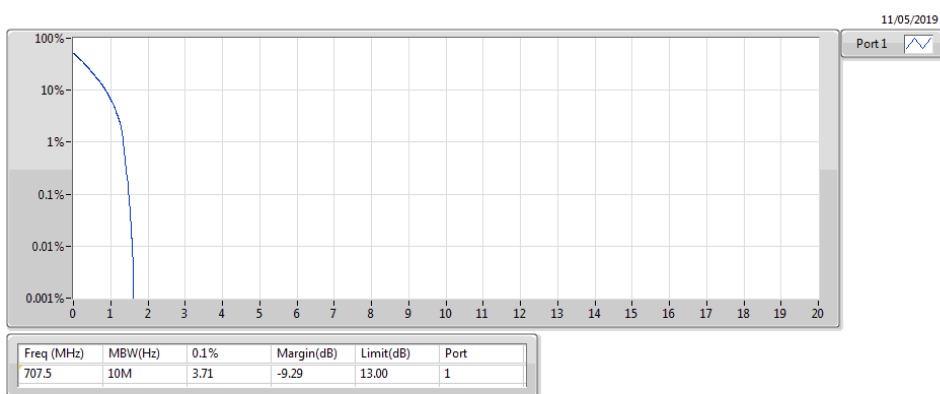
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PAR



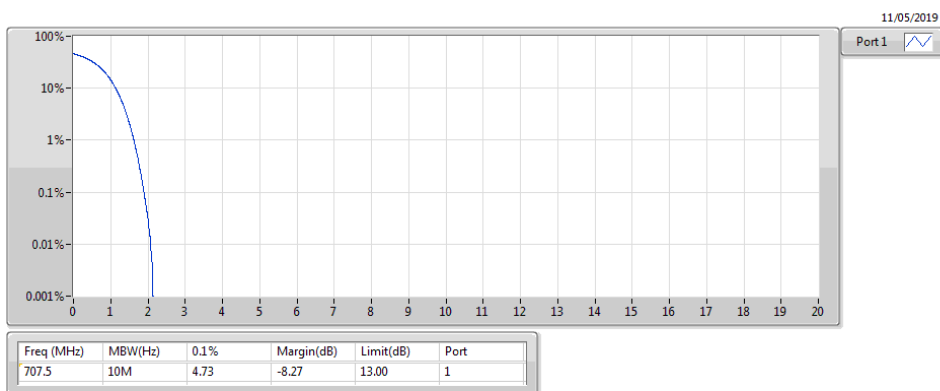
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PAR



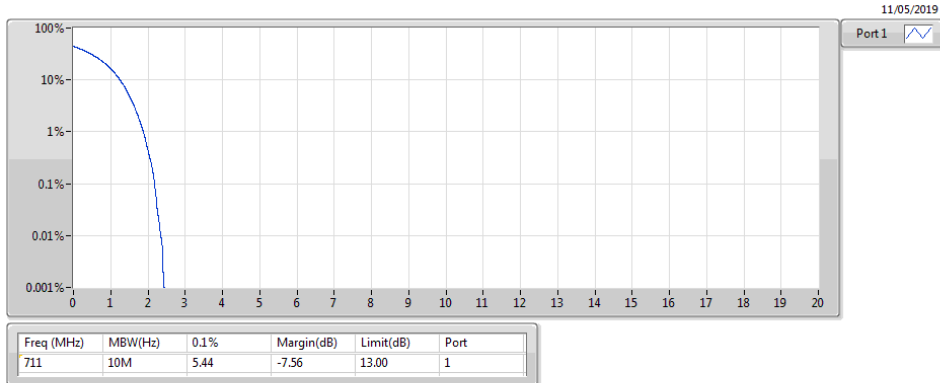
### Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX 707.5MHz\_QPSK\_RB 25,#RB M

PAR



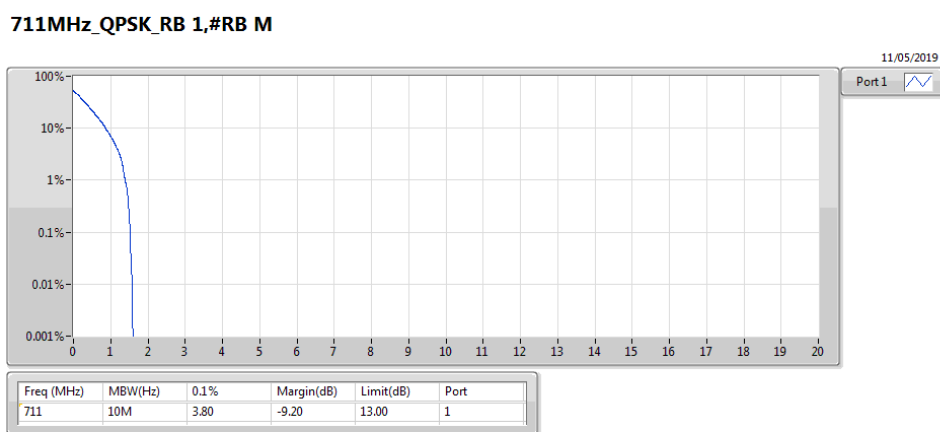
## Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX 711MHz\_QPSK\_RB 50,#RB 0

PAR



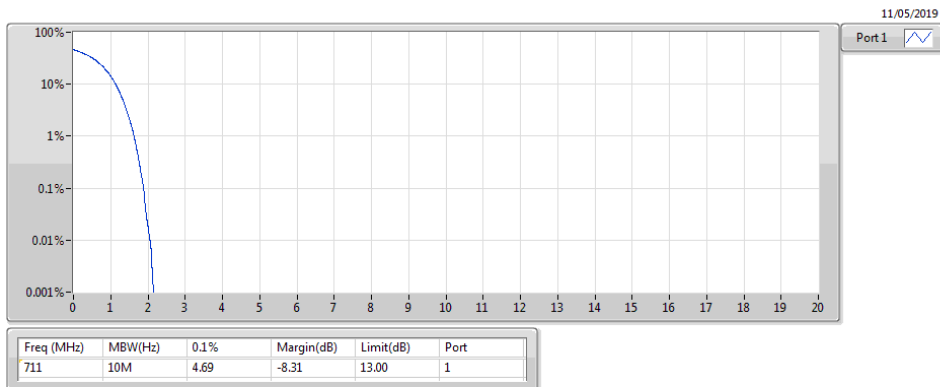
## Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX 711MHz\_QPSK\_RB 1,#RB M

PAR



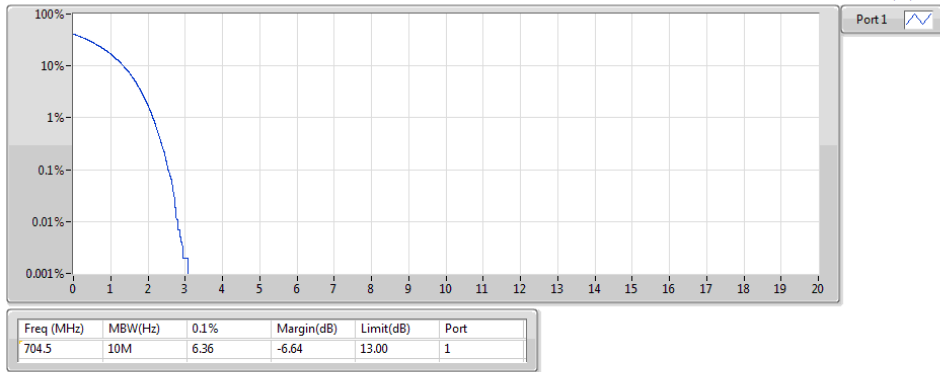
## Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX 711MHz\_QPSK\_RB 25,#RB M

PAR



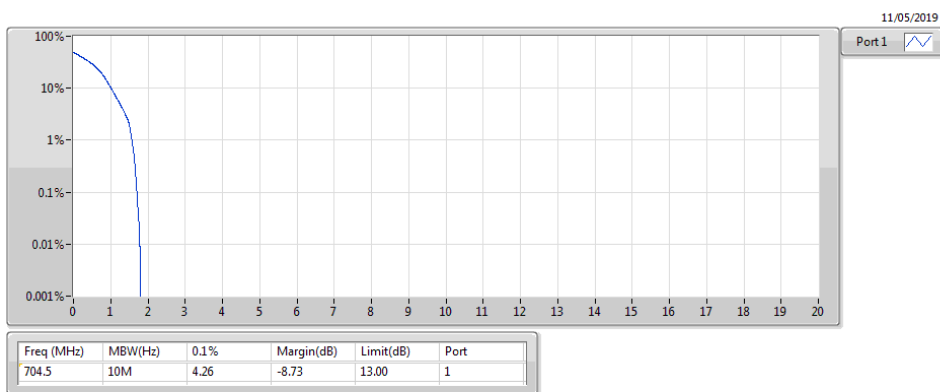
**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**704.5MHz\_16QAM\_RB 50,#RB 0**

PAR



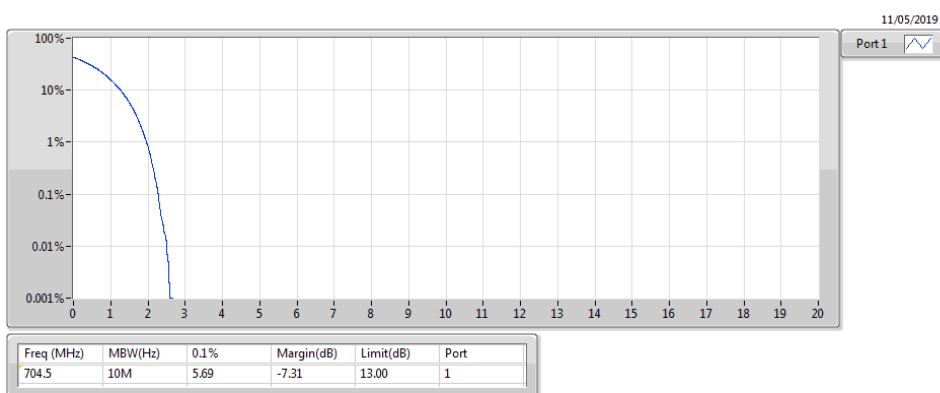
**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**704.5MHz\_16QAM\_RB 1,#RB M**

PAR



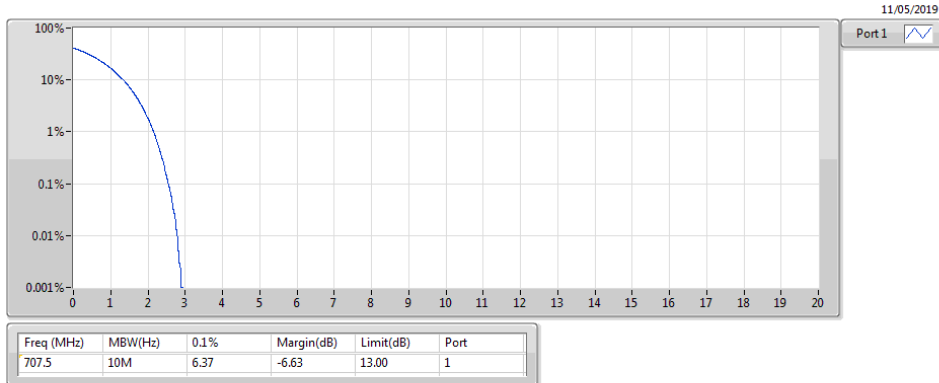
**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**704.5MHz\_16QAM\_RB 25,#RB M**

PAR



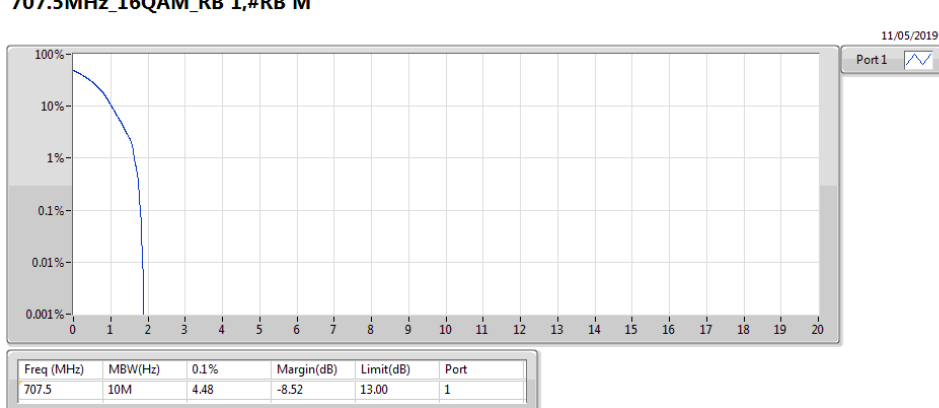
### Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX 707.5MHz\_16QAM\_RB 50,#RB 0

PAR



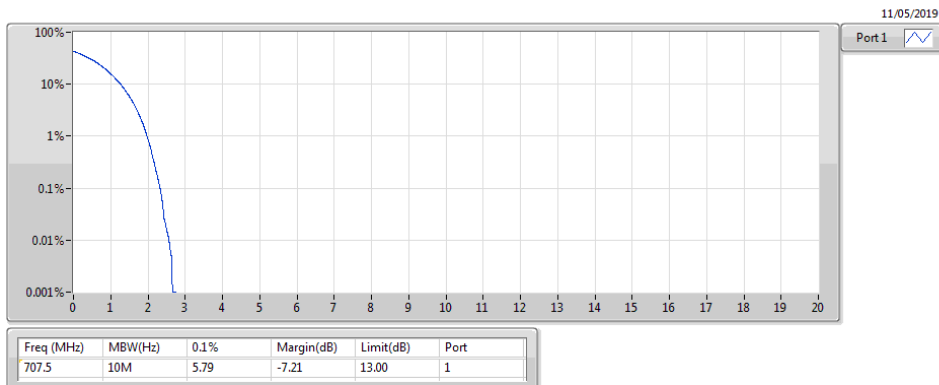
### Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX 707.5MHz\_16QAM\_RB 1,#RB M

PAR



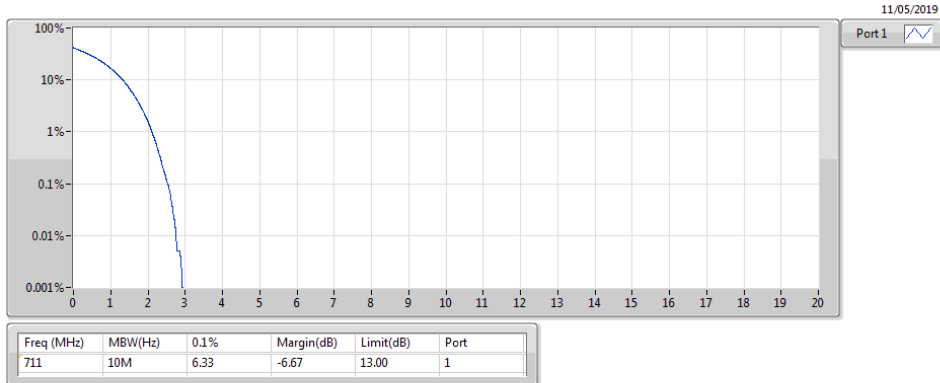
### Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX 707.5MHz\_16QAM\_RB 25,#RB M

PAR



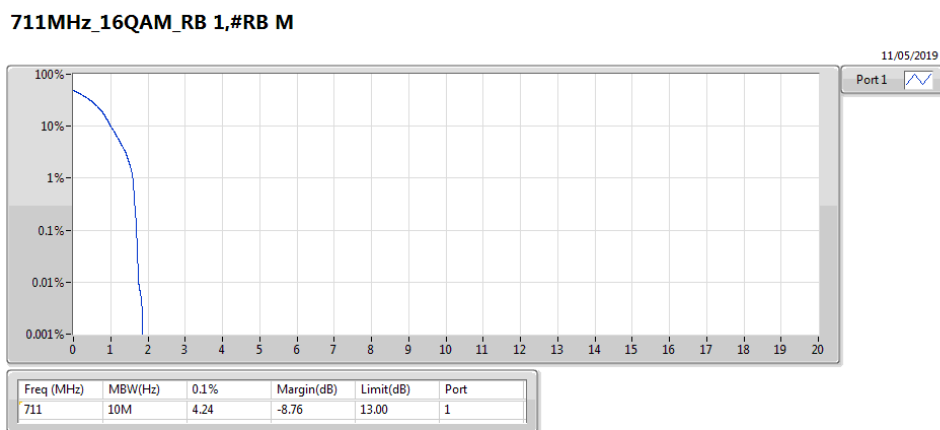
**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**711MHz\_16QAM\_RB 50,#RB 0**

PAR



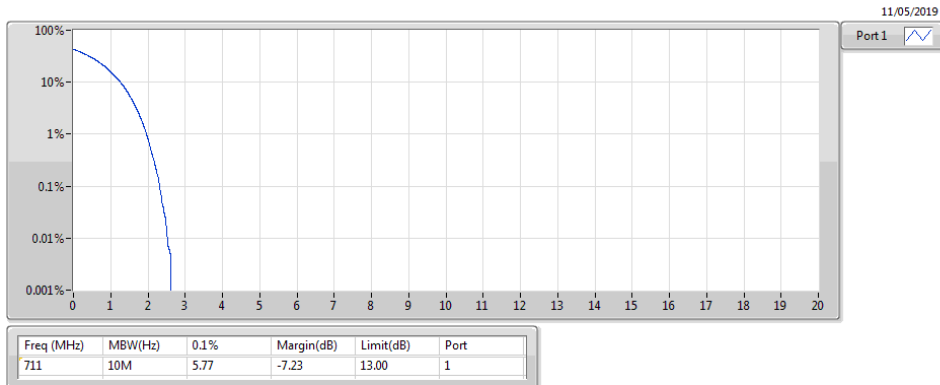
**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**711MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**711MHz\_16QAM\_RB 25,#RB M**

PAR





**<Mode 8> EUT 2 + LTE Band 13 Link**

**Summary**

| Mode                     | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|--------------------------|--------|---------------|---------------|------|------|
| Band 13                  | -      | -             | -             | -    | -    |
| LTE_5MHz_Nss1,QPSK_1TX   | Pass   | 782           | 13.00         | 5.33 | 1    |
| LTE_5MHz_Nss1,16QAM_1TX  | Pass   | 782           | 13.00         | 5.88 | 1    |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 782           | 13.00         | 5.16 | 1    |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 782           | 13.00         | 6.28 | 1    |



## Peak to Average Power Ratio (PAPR) Results

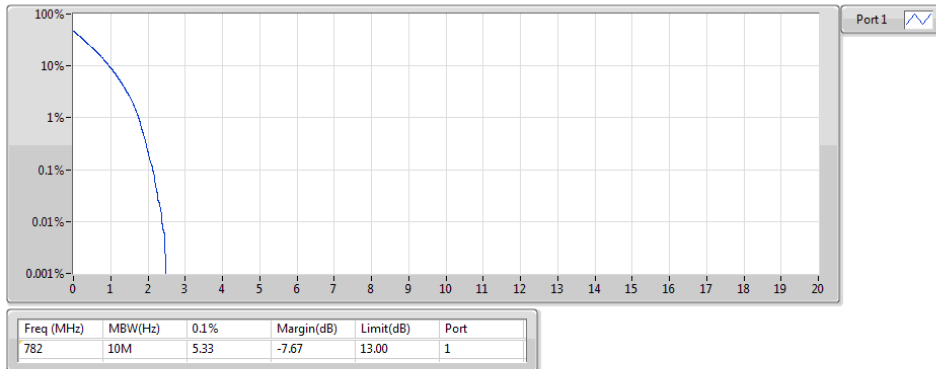
## Appendix B.8

### Result

| Mode                             | Result | Freq<br>(MHz) | Limit<br>(dB) | 0.1% | Port |
|----------------------------------|--------|---------------|---------------|------|------|
| Band 13_LTE_5MHz_Nss1,QPSK_1TX   | -      | -             | -             | -    | -    |
| 782MHz_RB 25,#RB 0               | Pass   | 782           | 13.00         | 5.33 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 4.27 | 1    |
| 782MHz_RB 12,#RB M               | Pass   | 782           | 13.00         | 4.69 | 1    |
| Band 13_LTE_5MHz_Nss1,16QAM_1TX  | -      | -             | -             | -    | -    |
| 782MHz_RB 25,#RB 0               | Pass   | 782           | 13.00         | 5.88 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 5.09 | 1    |
| 782MHz_RB 12,#RB M               | Pass   | 782           | 13.00         | 5.63 | 1    |
| Band 13_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -             | -    | -    |
| 782MHz_RB 50,#RB 0               | Pass   | 782           | 13.00         | 5.16 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 4.19 | 1    |
| 782MHz_RB 25,#RB M               | Pass   | 782           | 13.00         | 4.73 | 1    |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -             | -    | -    |
| 782MHz_RB 50,#RB 0               | Pass   | 782           | 13.00         | 6.28 | 1    |
| 782MHz_RB 1,#RB M                | Pass   | 782           | 13.00         | 4.92 | 1    |
| 782MHz_RB 25,#RB M               | Pass   | 782           | 13.00         | 5.88 | 1    |

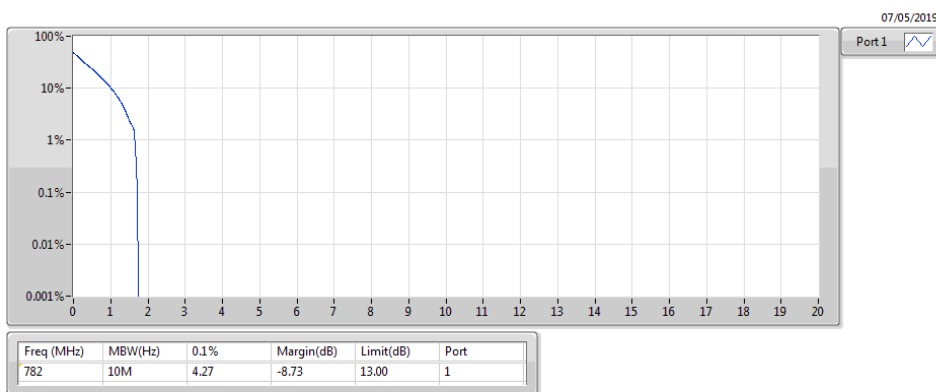
**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 25,#RB 0**

PAR



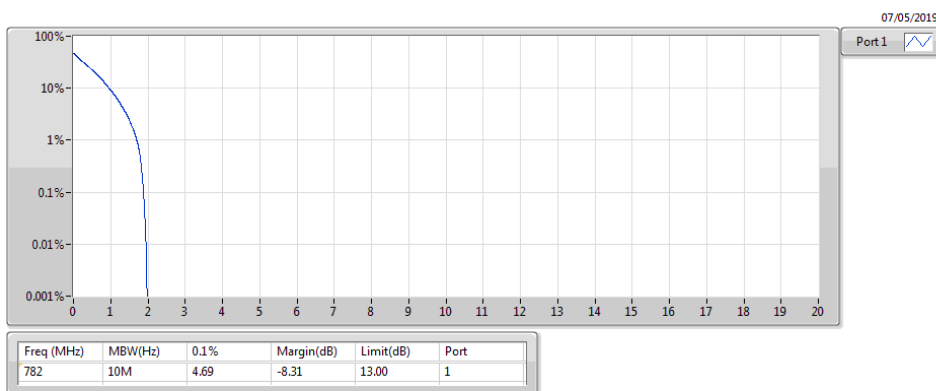
**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 1,#RB M**

PAR



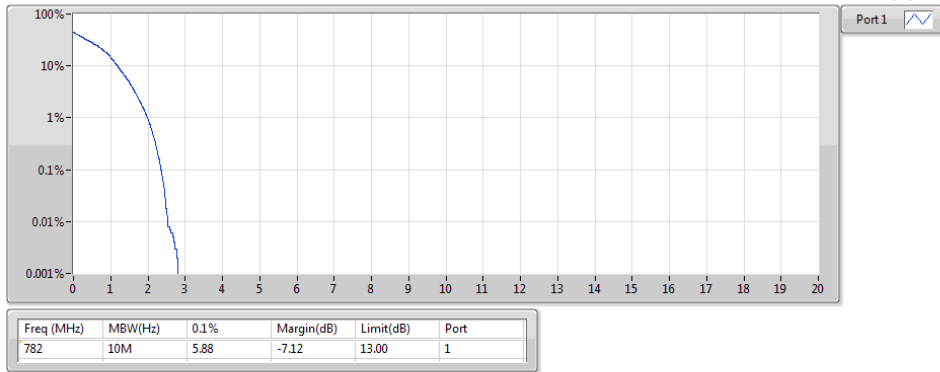
**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 12,#RB M**

PAR



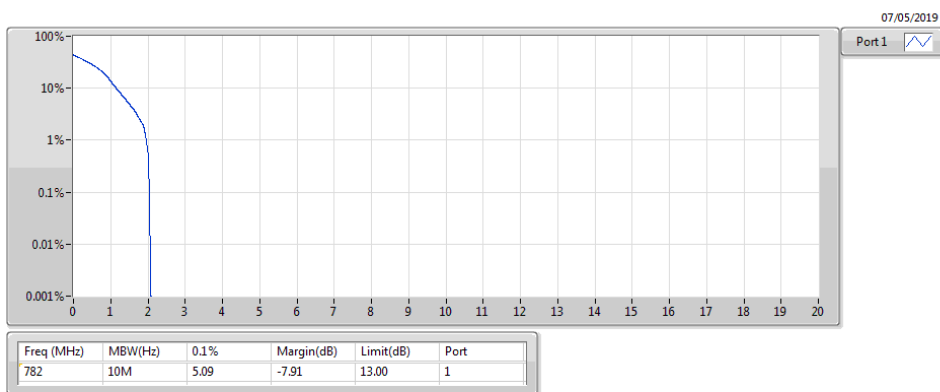
**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 25,#RB 0**

PAR



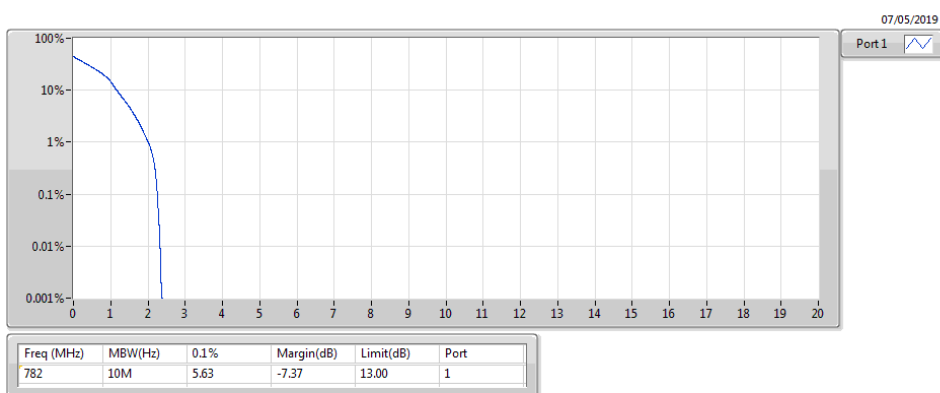
**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 1,#RB M**

PAR



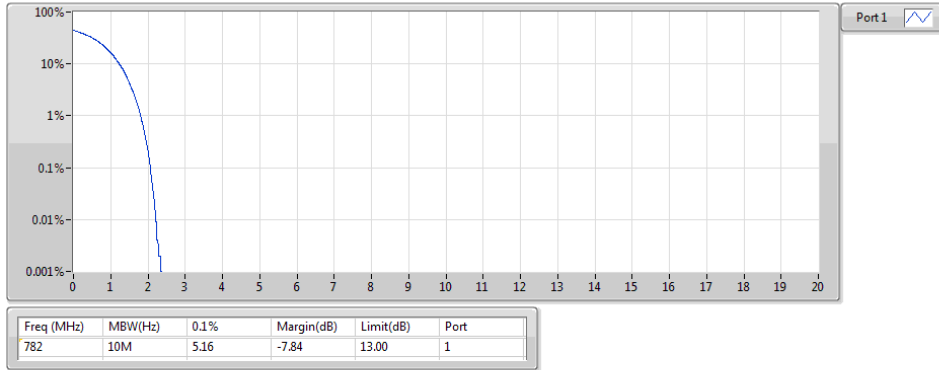
**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 12,#RB M**

PAR



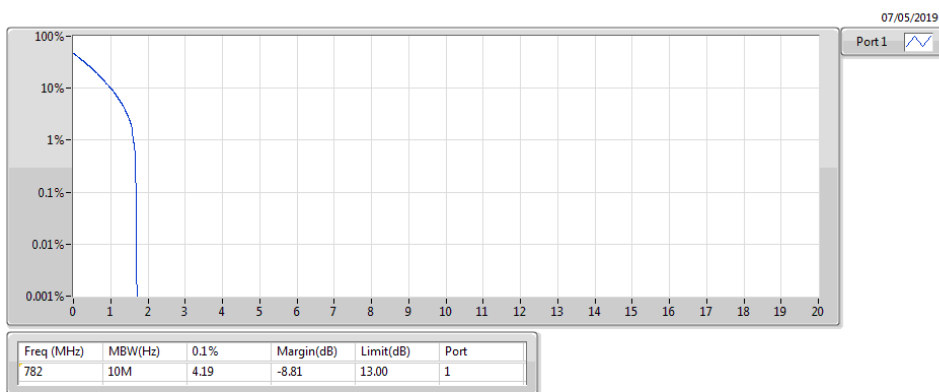
**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 50,#RB 0**

PAR



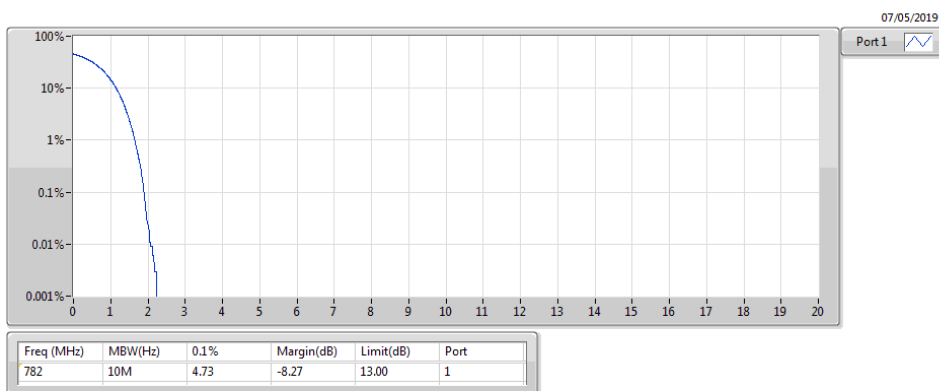
**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 1,#RB M**

PAR



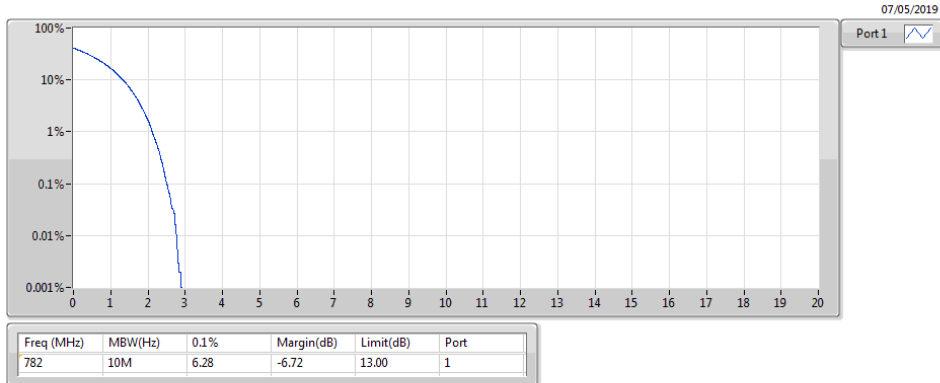
**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 25,#RB M**

PAR



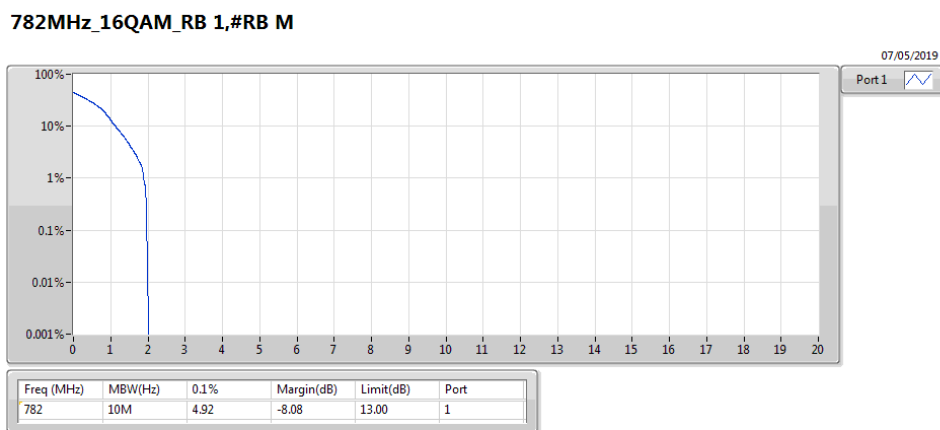
**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 50,#RB 0**

PAR



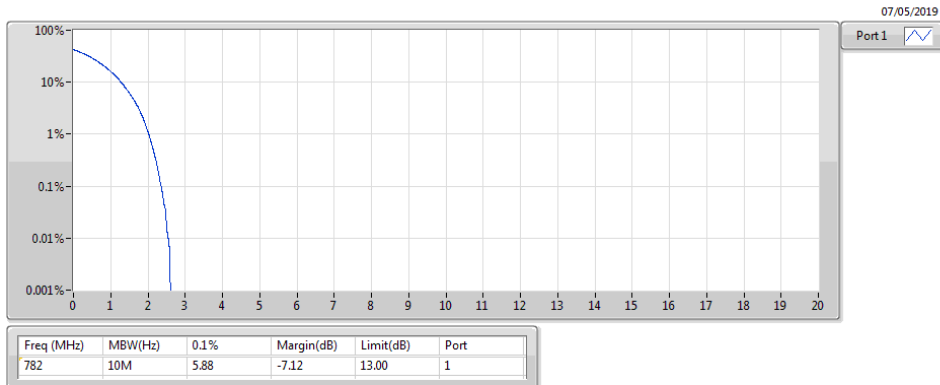
**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 1,#RB M**

PAR



**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 25,#RB M**

PAR



**<Mode 1> EUT 2 + WCDMA Band 2 Link****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 | 4.725M          | 4.169M          | 4M17F9W  | 4.713M          | 4.156M          |

**Max-N dB** = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;

**Min-N dB** = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;

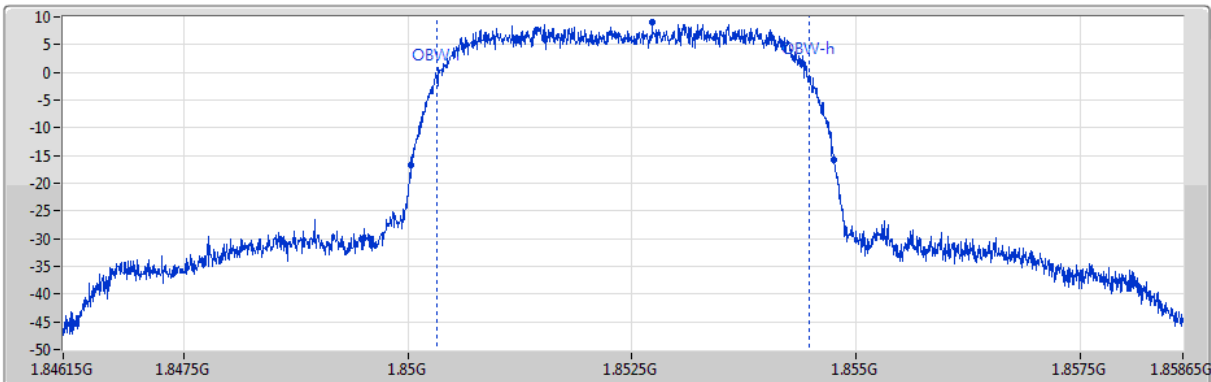
**Result**

| Mode                       | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------|--------|---------------|--------------------|--------------------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -             | -                  | -                  |
| 1852.4MHz                  | Pass   | Inf           | 4.725M             | 4.156M             |
| 1880MHz                    | Pass   | Inf           | 4.713M             | 4.156M             |
| 1907.6MHz                  | Pass   | Inf           | 4.719M             | 4.169M             |

**Port X-N dB** = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

**Band 2\_WCDMA\_5MHz\_Nss1\_1TX**  
**1852.4MHz**
**EBW**

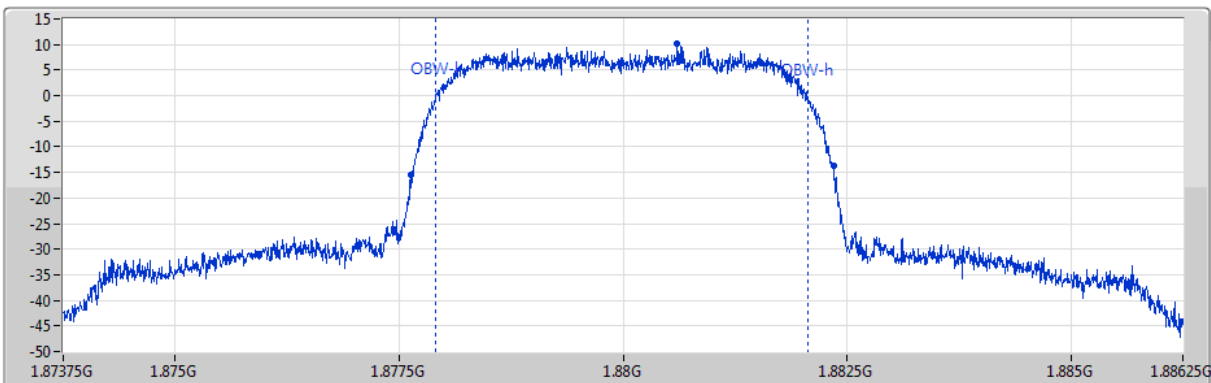
02/07/2019

Port1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.725M   | 1.850031G   | 1.854756G   | 4.156M  | 1.850325G  | 1.854481G  | 1    | 1.8524G | 12.5M    | 100k    | 300k    |

**Band 2\_WCDMA\_5MHz\_Nss1\_1TX**  
**1880MHz**
**EBW**

02/07/2019

Port1 


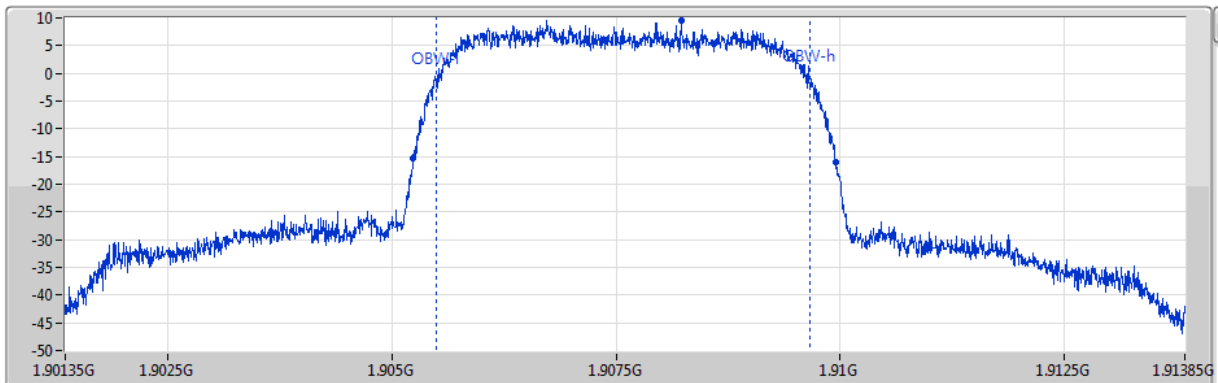
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 4.713M   | 1.877638G   | 1.88235G    | 4.156M  | 1.877913G  | 1.882069G  | 1    | 1.88G  | 12.5M    | 100k    | 300k    |

Band 2\_WCDMA\_5MHz\_Nss1\_1TX

EBW

1907.6MHz

02/07/2019

Port 1 

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.719M   | 1.905238G   | 1.909956G   | 4.169M  | 1.905494G  | 1.909663G  | 1    | 1.9076G | 12.5M    | 100k    | 300k    |

**<Mode 2> EUT 2 + WCDMA Band 4 Link****Summary**

| Mode                | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 4              | -               | -               | -        | -               | -               |
| WCDMA_5MHz_Nss1_1TX | 4.756M          | 4.163M          | 4M16F9W  | 4.706M          | 4.138M          |

**Max-N dB** = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;

**Min-N dB** = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;

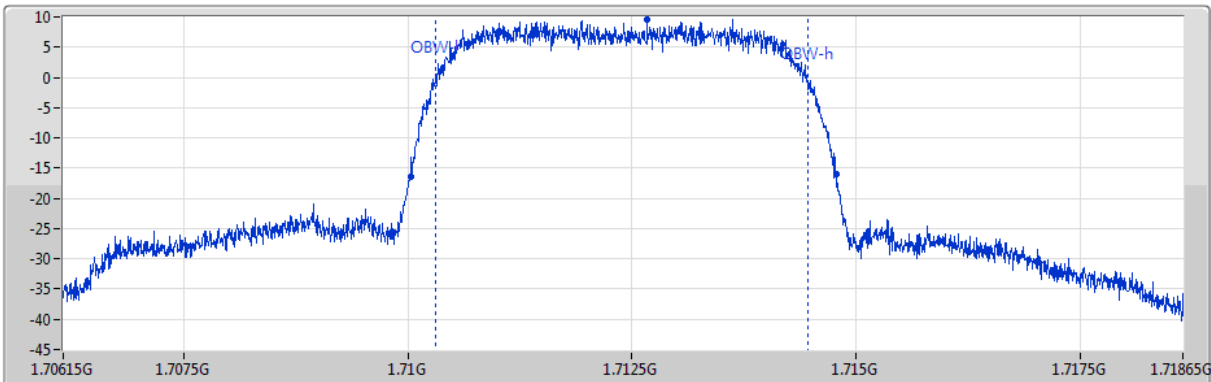
**Result**

| Mode                       | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------|--------|---------------|--------------------|--------------------|
| Band 4_WCDMA_5MHz_Nss1_1TX | -      | -             | -                  | -                  |
| 1712.4MHz                  | Pass   | Inf           | 4.756M             | 4.163M             |
| 1732.6MHz                  | Pass   | Inf           | 4.719M             | 4.156M             |
| 1752.6MHz                  | Pass   | Inf           | 4.706M             | 4.138M             |

**Port X-N dB** = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

**Band 4\_WCDMA\_5MHz\_Nss1\_1TX**  
**1712.4MHz**
**EBW**

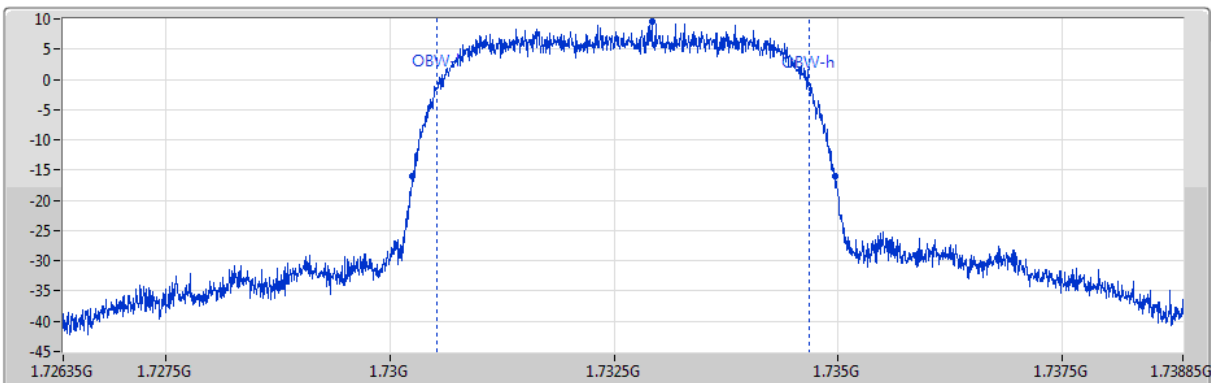
02/07/2019

Port1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.756M   | 1.710025G   | 1.714781G   | 4.163M  | 1.710306G  | 1.714469G  | 1    | 1.7124G | 12.5M    | 100k    | 300k    |

**Band 4\_WCDMA\_5MHz\_Nss1\_1TX**  
**1732.6MHz**
**EBW**

02/07/2019

Port1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.719M   | 1.73025G    | 1.734969G   | 4.156M  | 1.730525G  | 1.734681G  | 1    | 1.7326G | 12.5M    | 100k    | 300k    |

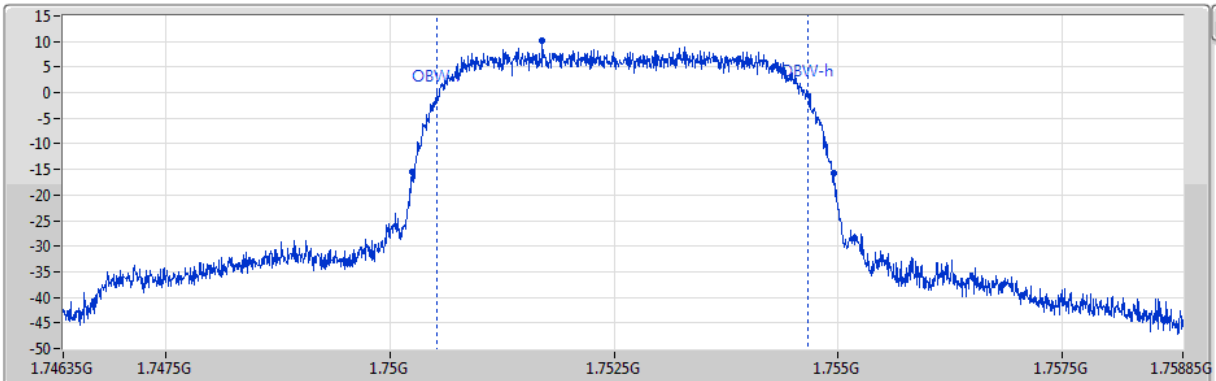
Band 4\_WCDMA\_5MHz\_Nss1\_1TX

EBW

1752.6MHz

02/07/2019

Port 1 



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.706M   | 1.750244G   | 1.75495G    | 4.138M  | 1.750525G  | 1.754663G  | 1    | 1.7526G | 12.5M    | 100k    | 300k    |

**<Mode 3> EUT 2 + WCDMA Band 5 Link****Summary**

| Mode                | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 5              | -               | -               | -        | -               | -               |
| WCDMA_5MHz_Nss1_1TX | 4.706M          | 4.144M          | 4M14F9W  | 4.669M          | 4.144M          |

**Max-N dB** = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;

**Min-N dB** = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;

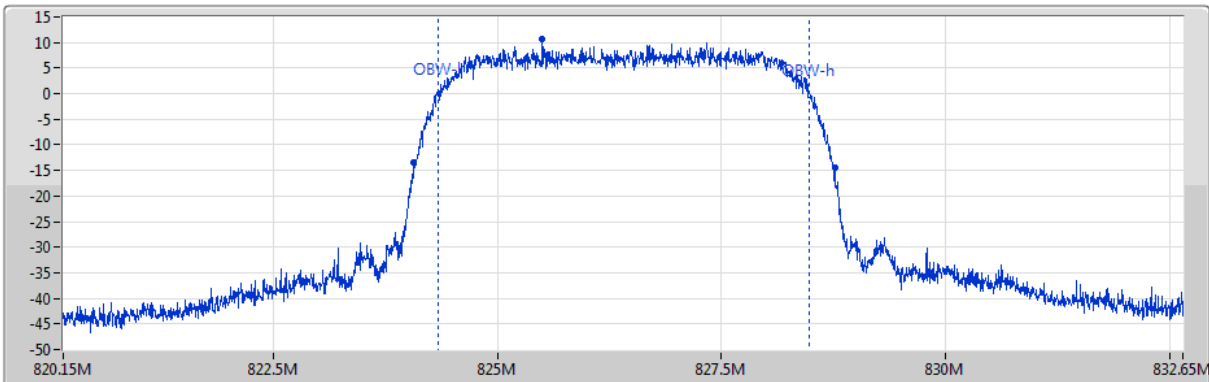
**Result**

| Mode                       | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------|--------|---------------|--------------------|--------------------|
| Band 5_WCDMA_5MHz_Nss1_1TX | -      | -             | -                  | -                  |
| 826.4MHz                   | Pass   | Inf           | 4.706M             | 4.144M             |
| 836.6MHz                   | Pass   | Inf           | 4.669M             | 4.144M             |
| 846.6MHz                   | Pass   | Inf           | 4.694M             | 4.144M             |

**Port X-N dB** = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

**Band 5\_WCDMA\_5MHz\_Nss1\_1TX**
**EBW**
**826.4MHz**

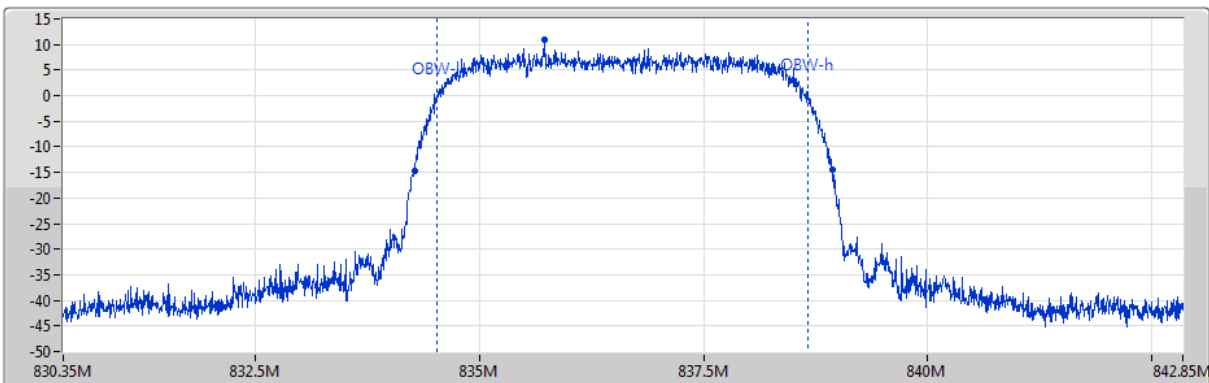
02/07/2019

Port1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 4.706M   | 824.0625M   | 828.76875M  | 4.144M  | 824.3375M  | 828.48125M | 1    | 826.4M | 12.5M    | 100k    | 300k    |

**Band 5\_WCDMA\_5MHz\_Nss1\_1TX**
**EBW**
**836.6MHz**

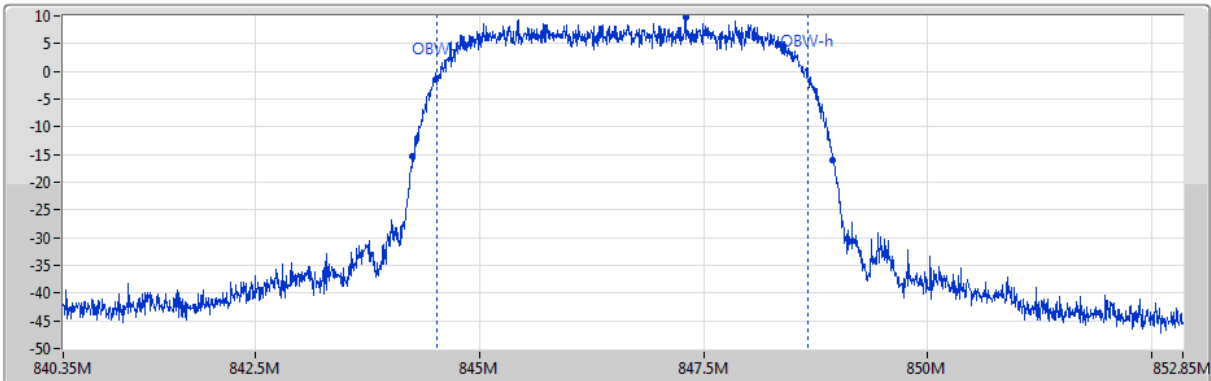
02/07/2019

Port1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 4.669M   | 834.26875M  | 838.9375M   | 4.144M  | 834.525M   | 838.66875M | 1    | 836.6M | 12.5M    | 100k    | 300k    |

**Band 5\_WCDMA\_5MHz\_Nss1\_1TX**
**EBW**
**846.6MHz**

02/07/2019

Port 1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 4.694M   | 844.25M     | 848.94375M  | 4.144M  | 844.525M   | 848.66875M | 1    | 846.6M | 12.5M    | 100k    | 300k    |

**<Mode 4> EUT 2 + LTE Band 2 Link**
**Summary**

| Mode                      | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 2                    | -               | -               | -        | -               | -               |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 1.22M           | 1.082M          | 1M08G7D  | 1.204M          | 1.079M          |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.213M          | 1.082M          | 1M08W7D  | 1.201M          | 1.08M           |
| LTE_3MHz_Nss1,QPSK_1TX    | 2.963M          | 2.679M          | 2M68G7D  | 2.925M          | 2.677M          |
| LTE_3MHz_Nss1,16QAM_1TX   | 2.936M          | 2.68M           | 2M68W7D  | 2.91M           | 2.676M          |
| LTE_5MHz_Nss1,QPSK_1TX    | 4.913M          | 4.468M          | 4M47G7D  | 4.869M          | 4.46M           |
| LTE_5MHz_Nss1,16QAM_1TX   | 4.869M          | 4.462M          | 4M46W7D  | 4.819M          | 4.459M          |
| LTE_10MHz_Nss1,QPSK_1TX   | 9.575M          | 8.924M          | 8M92G7D  | 9.525M          | 8.912M          |
| LTE_10MHz_Nss1,16QAM_1TX  | 9.588M          | 8.906M          | 8M91W7D  | 9.513M          | 8.892M          |
| LTE_15MHz_Nss1,QPSK_1TX   | 14.531M         | 13.423M         | 13M4G7D  | 14.325M         | 13.369M         |
| LTE_15MHz_Nss1,16QAM_1TX  | 14.494M         | 13.416M         | 13M4W7D  | 14.438M         | 13.367M         |
| LTE_20MHz_Nss1,QPSK_1TX   | 19.125M         | 17.863M         | 17M9G7D  | 18.975M         | 17.789M         |
| LTE_20MHz_Nss1,16QAM_1TX  | 19.125M         | 17.861M         | 17M9W7D  | 18.925M         | 17.792M         |

**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;

**Result**

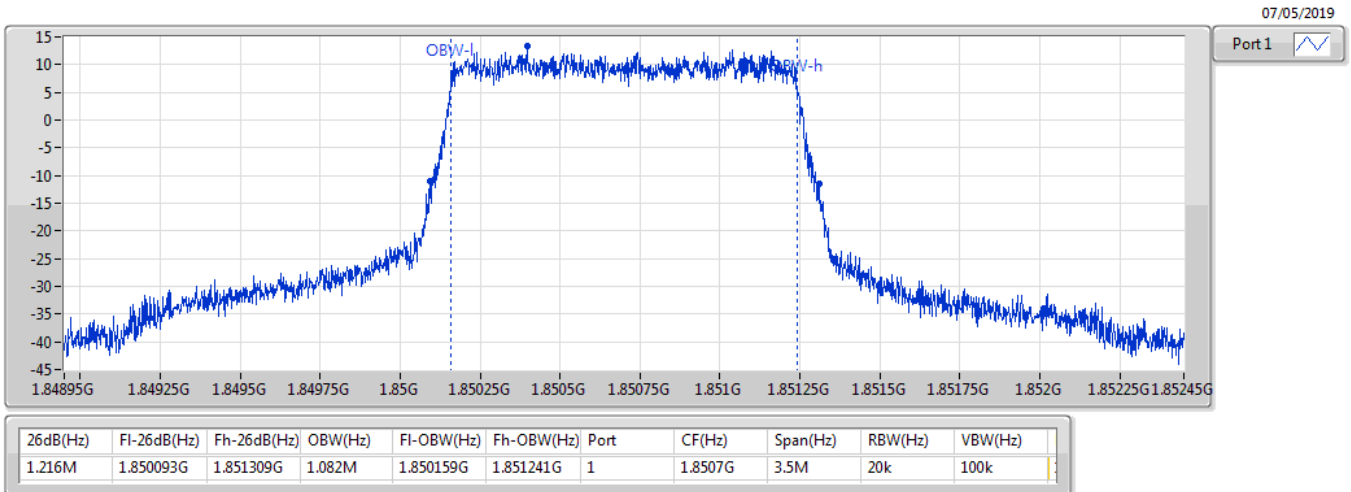
| Mode                             | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------------|--------|---------------|--------------------|--------------------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -                  | -                  |
| 1850.7MHz_RB 6,#RB 0             | Pass   | Inf           | 1.216M             | 1.082M             |
| 1880MHz_RB 6,#RB 0               | Pass   | Inf           | 1.204M             | 1.079M             |
| 1909.3MHz_RB 6,#RB 0             | Pass   | Inf           | 1.22M              | 1.081M             |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 1850.7MHz_RB 6,#RB 0             | Pass   | Inf           | 1.213M             | 1.081M             |
| 1880MHz_RB 6,#RB 0               | Pass   | Inf           | 1.201M             | 1.08M              |
| 1909.3MHz_RB 6,#RB 0             | Pass   | Inf           | 1.211M             | 1.082M             |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 1851.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.925M             | 2.677M             |
| 1880MHz_RB 15,#RB 0              | Pass   | Inf           | 2.933M             | 2.678M             |
| 1908.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.963M             | 2.679M             |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 1851.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.91M              | 2.676M             |
| 1880MHz_RB 15,#RB 0              | Pass   | Inf           | 2.936M             | 2.678M             |
| 1908.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.929M             | 2.68M              |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 1852.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.913M             | 4.46M              |
| 1880MHz_RB 25,#RB 0              | Pass   | Inf           | 4.869M             | 4.464M             |
| 1907.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.888M             | 4.468M             |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 1852.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.85M              | 4.459M             |
| 1880MHz_RB 25,#RB 0              | Pass   | Inf           | 4.819M             | 4.461M             |
| 1907.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.869M             | 4.462M             |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 1855MHz_RB 50,#RB 0              | Pass   | Inf           | 9.55M              | 8.924M             |
| 1880MHz_RB 50,#RB 0              | Pass   | Inf           | 9.575M             | 8.912M             |
| 1905MHz_RB 50,#RB 0              | Pass   | Inf           | 9.525M             | 8.92M              |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 1855MHz_RB 50,#RB 0              | Pass   | Inf           | 9.588M             | 8.906M             |
| 1880MHz_RB 50,#RB 0              | Pass   | Inf           | 9.563M             | 8.899M             |
| 1905MHz_RB 50,#RB 0              | Pass   | Inf           | 9.513M             | 8.892M             |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 1857.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.325M            | 13.423M            |
| 1880MHz_RB 75,#RB 0              | Pass   | Inf           | 14.531M            | 13.4M              |
| 1902.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.325M            | 13.369M            |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 1857.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.494M            | 13.416M            |
| 1880MHz_RB 75,#RB 0              | Pass   | Inf           | 14.456M            | 13.406M            |
| 1902.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.438M            | 13.367M            |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |

| Mode                            | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|---------------------------------|--------|---------------|--------------------|--------------------|
| 1860MHz_RB 100,#RB 0            | Pass   | Inf           | 19.125M            | 17.828M            |
| 1880MHz_RB 100,#RB 0            | Pass   | Inf           | 19.075M            | 17.863M            |
| 1900MHz_RB 100,#RB 0            | Pass   | Inf           | 18.975M            | 17.789M            |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 1860MHz_RB 100,#RB 0            | Pass   | Inf           | 19M                | 17.825M            |
| 1880MHz_RB 100,#RB 0            | Pass   | Inf           | 19.125M            | 17.861M            |
| 1900MHz_RB 100,#RB 0            | Pass   | Inf           | 18.925M            | 17.792M            |

**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

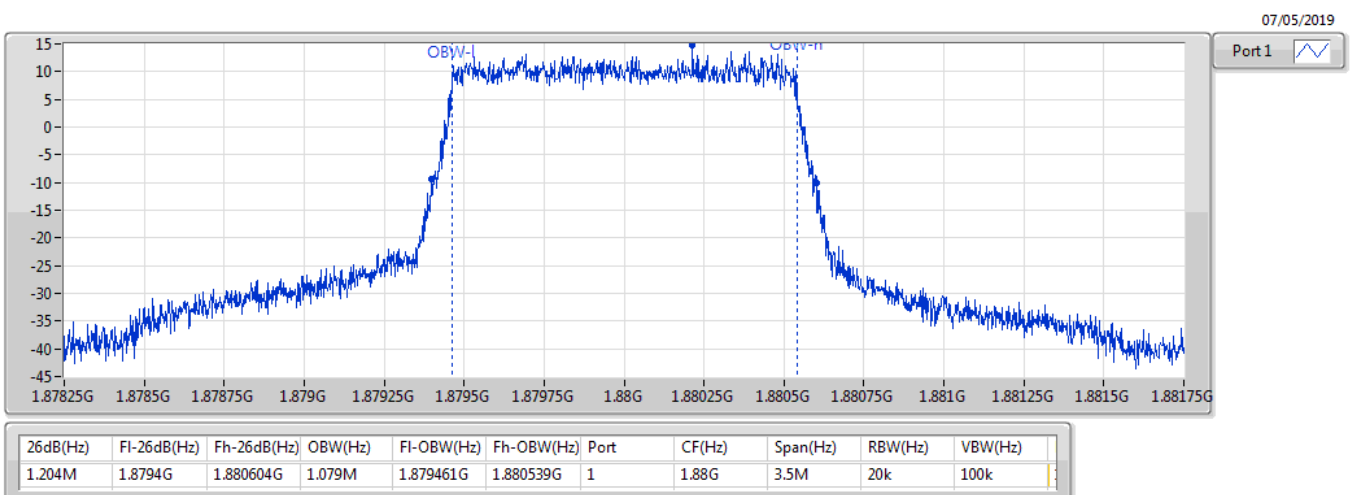
**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1850.7MHz\_QPSK\_RB 6,#RB 0**

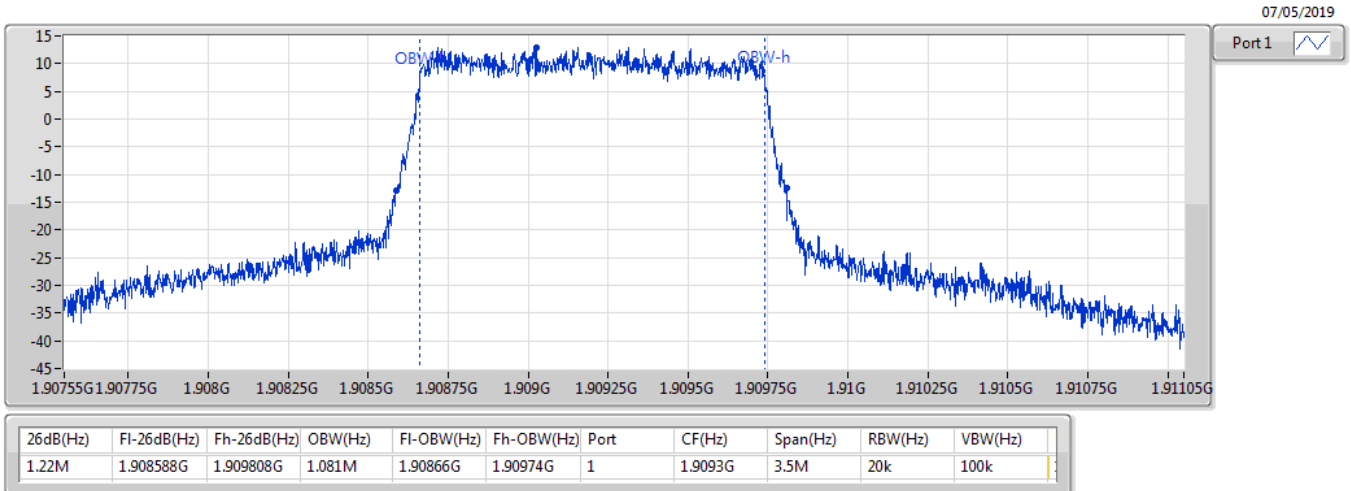
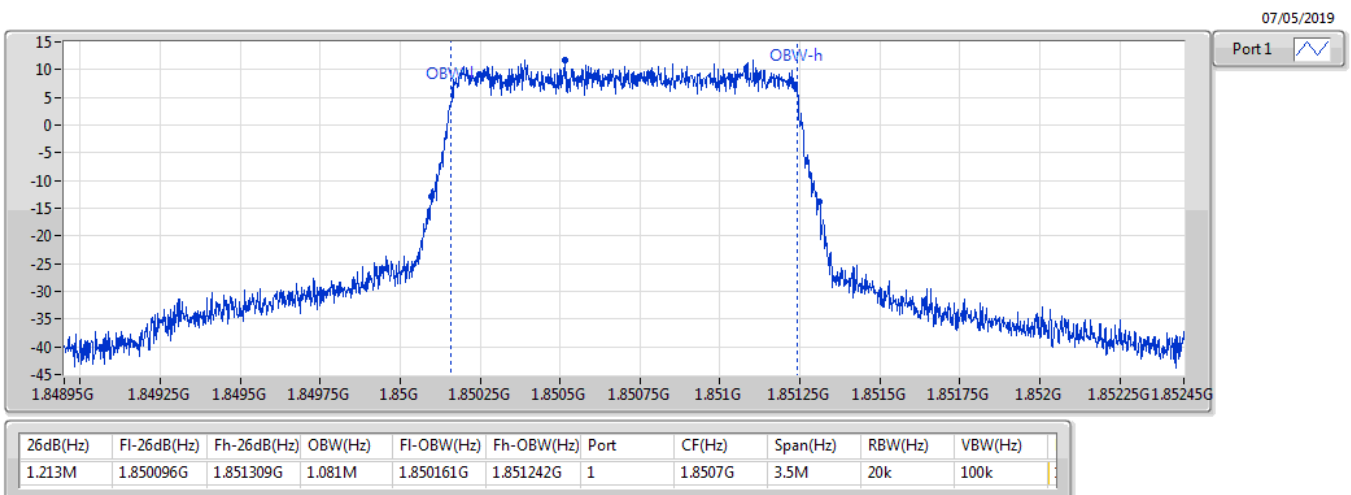
EBW

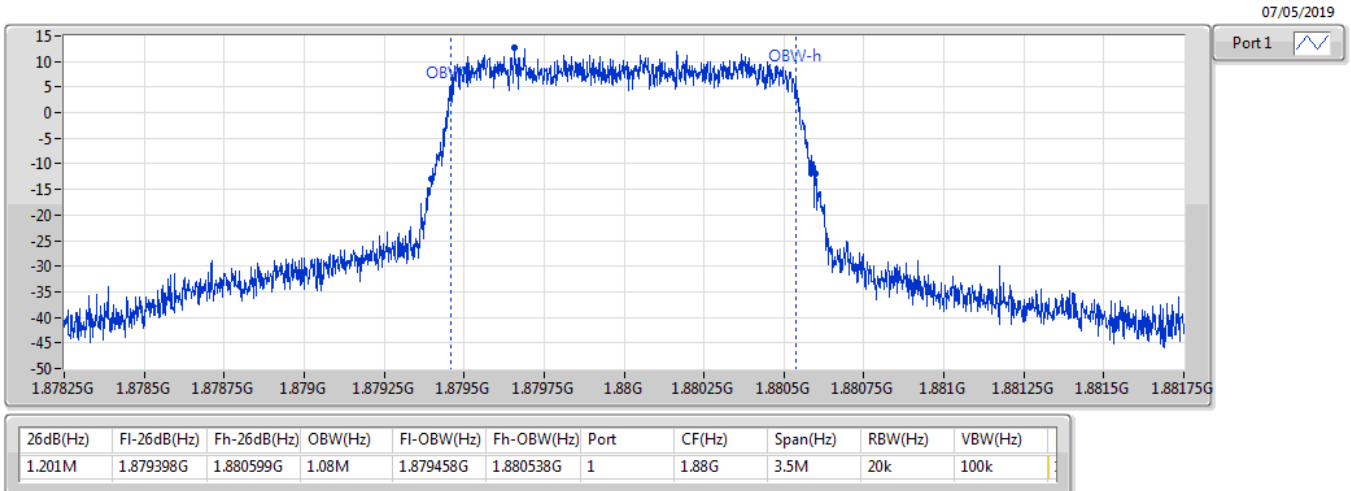
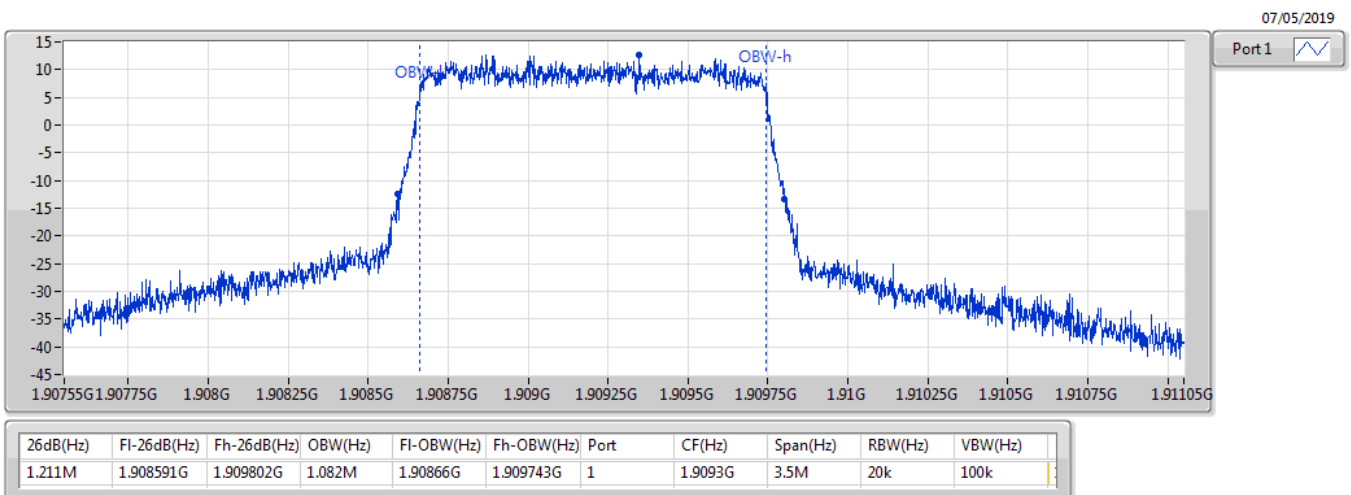


**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 6,#RB 0**

EBW

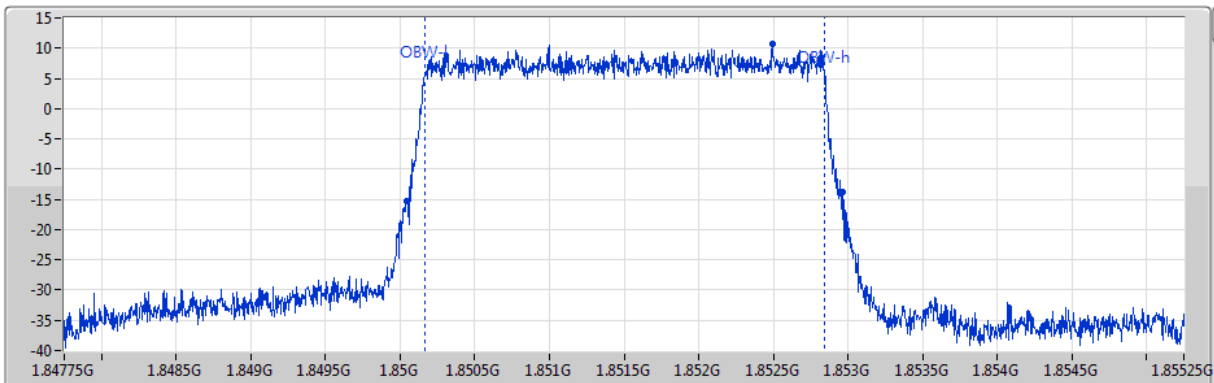


**Band 2\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**
**EBW**
**1909.3MHz\_QPSK\_RB 6,#RB 0**

**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**1850.7MHz\_16QAM\_RB 6,#RB 0**


**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 6,#RB 0**
**EBW**

**Band 2\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1909.3MHz\_16QAM\_RB 6,#RB 0**
**EBW**


**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1851.5MHz\_QPSK\_RB 15,#RB 0**

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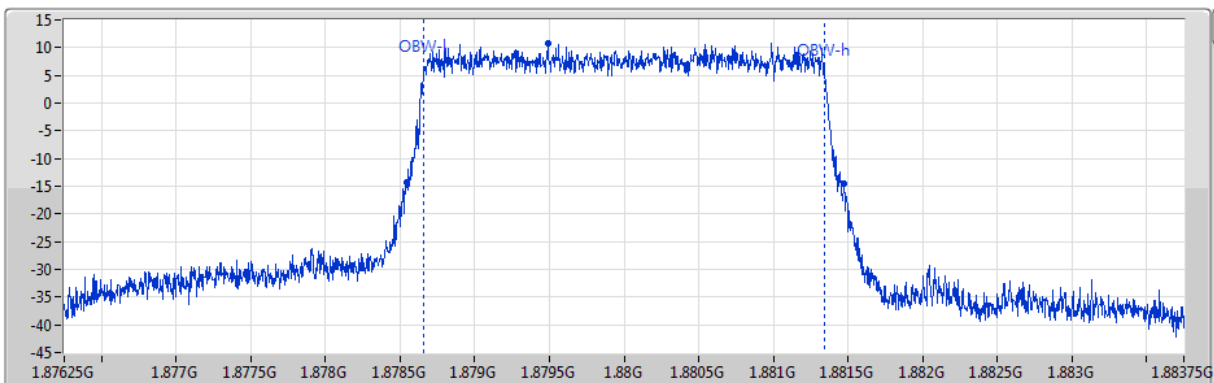


Port 1

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 2.925M   | 1.850041G   | 1.852966G   | 2.677M  | 1.850163G  | 1.85284G   | 1    | 1.8515G | 7.5M     | 30k     | 100k    |

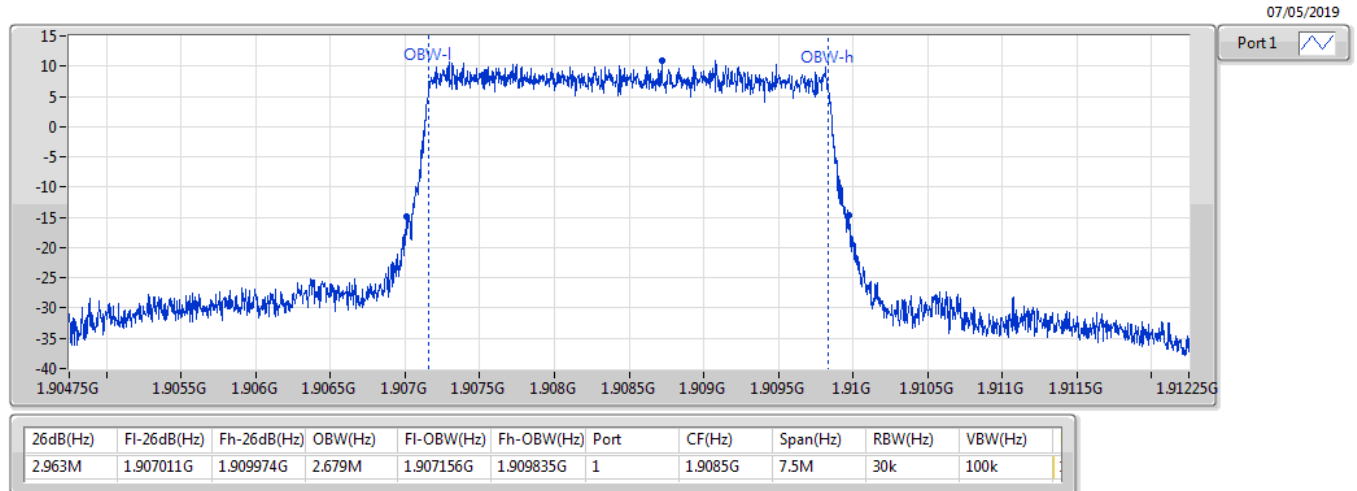
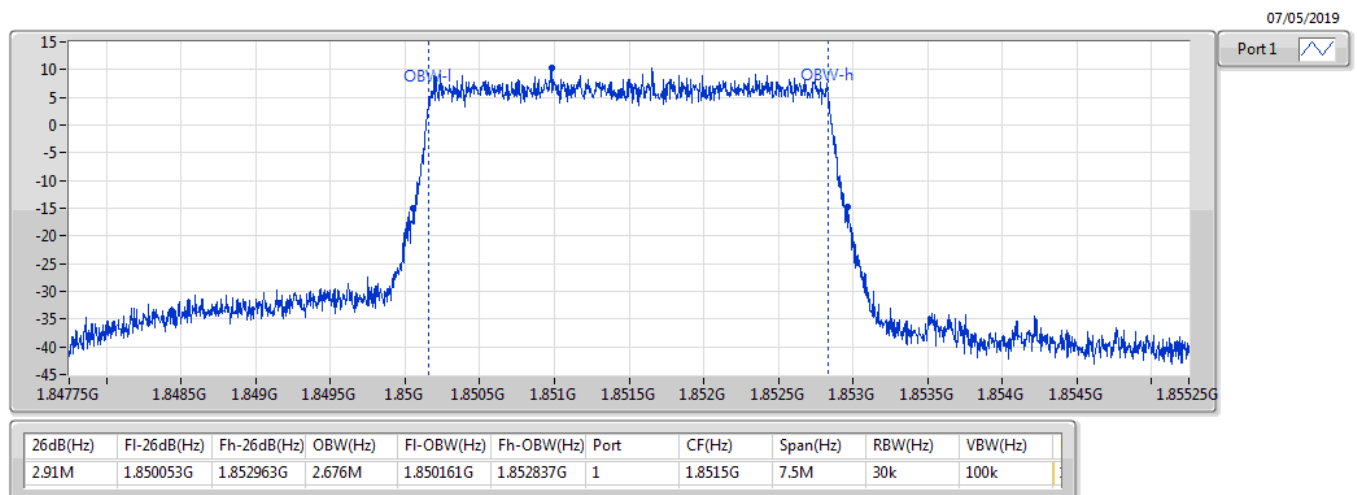
**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1880MHz\_QPSK\_RB 15,#RB 0**

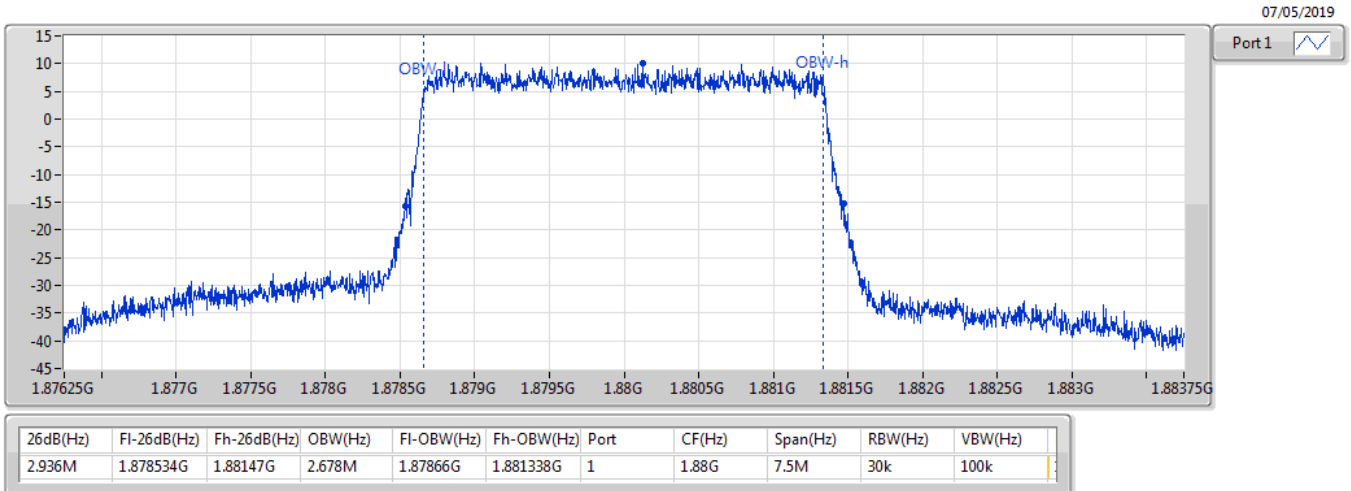
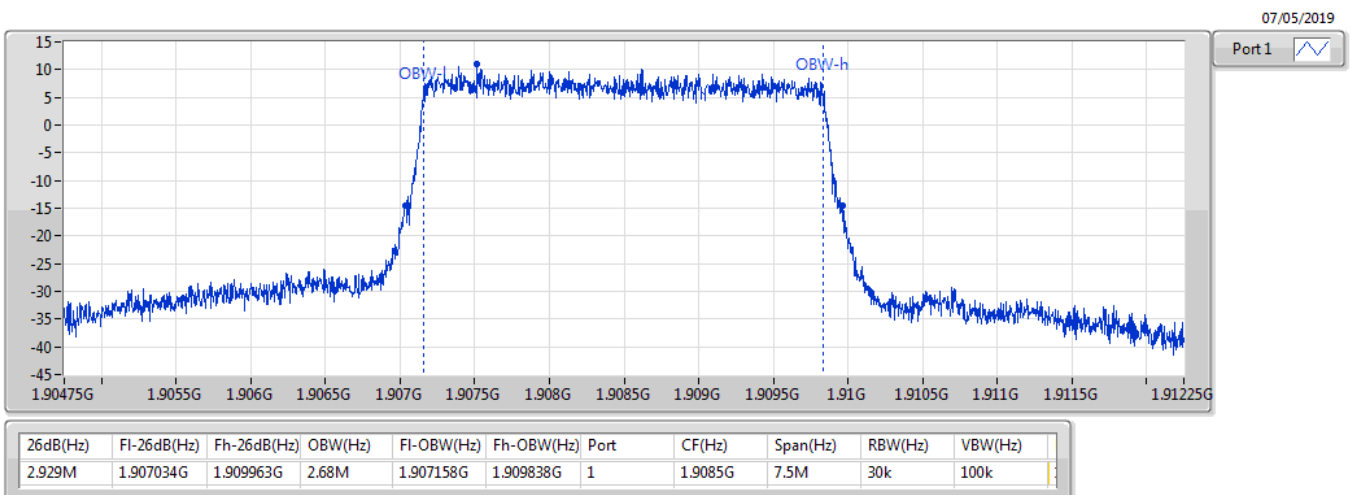
07/05/2019

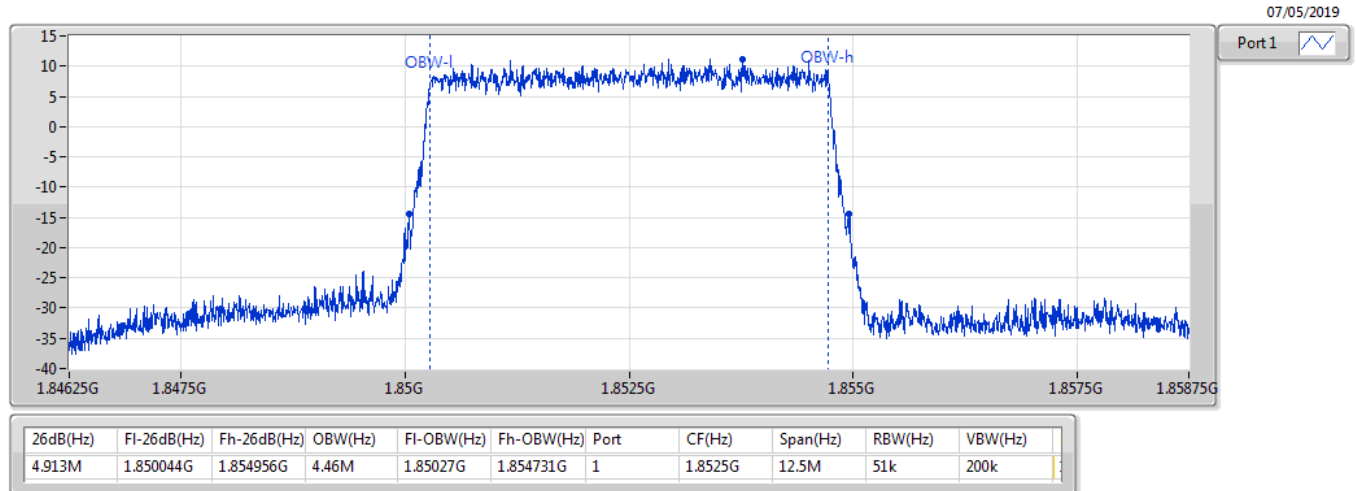
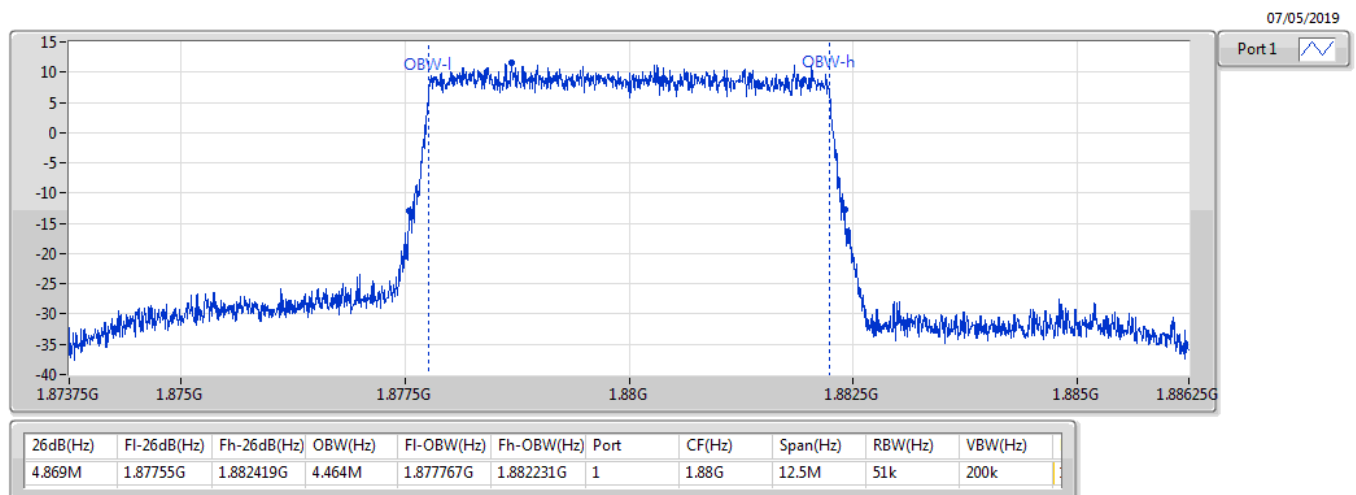


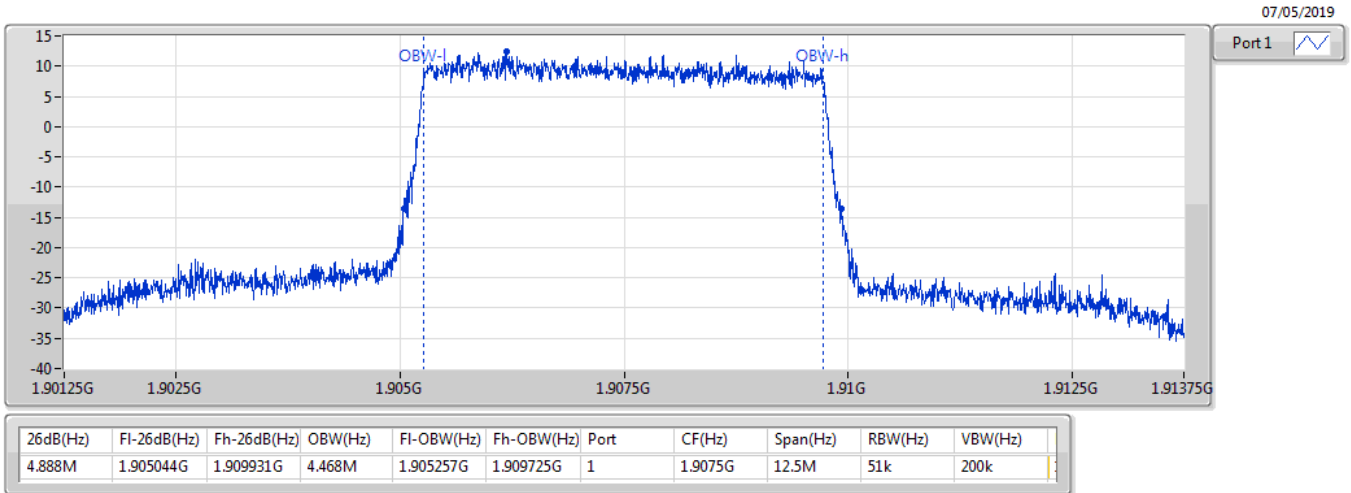
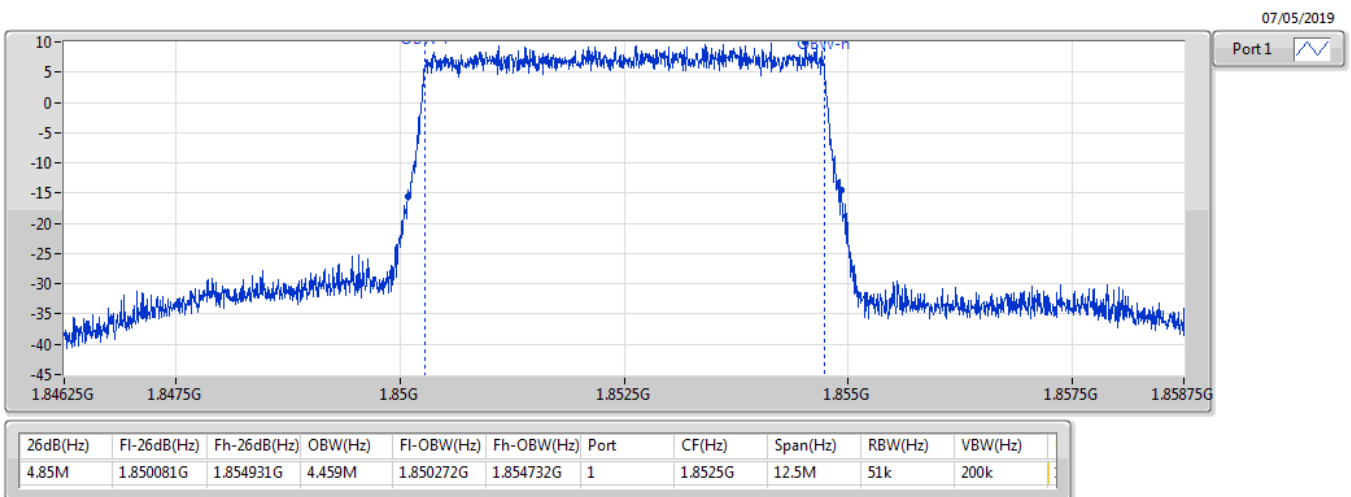
Port 1

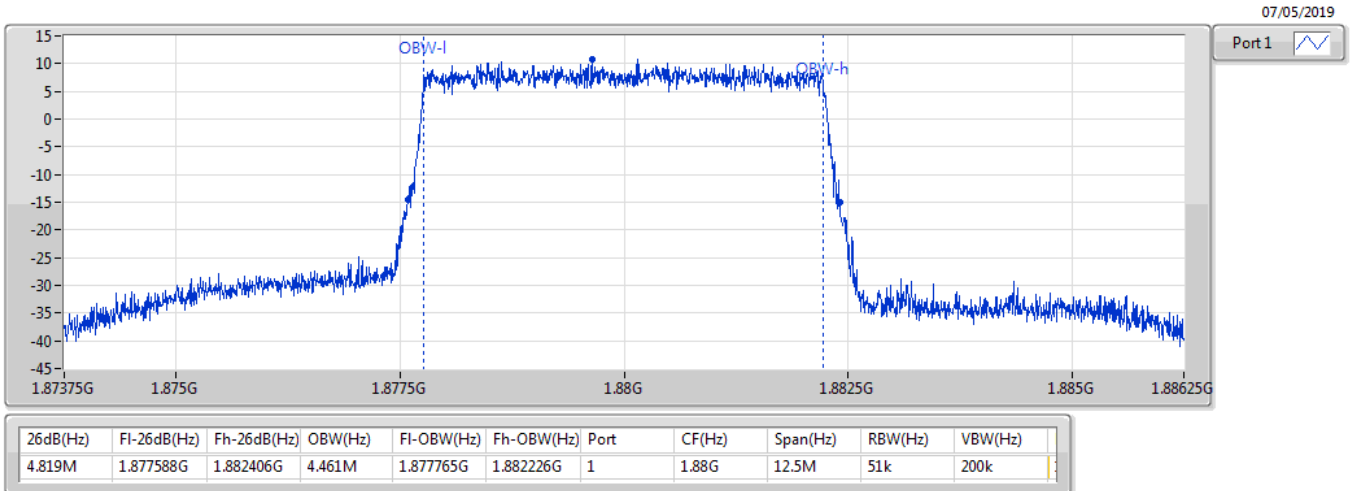
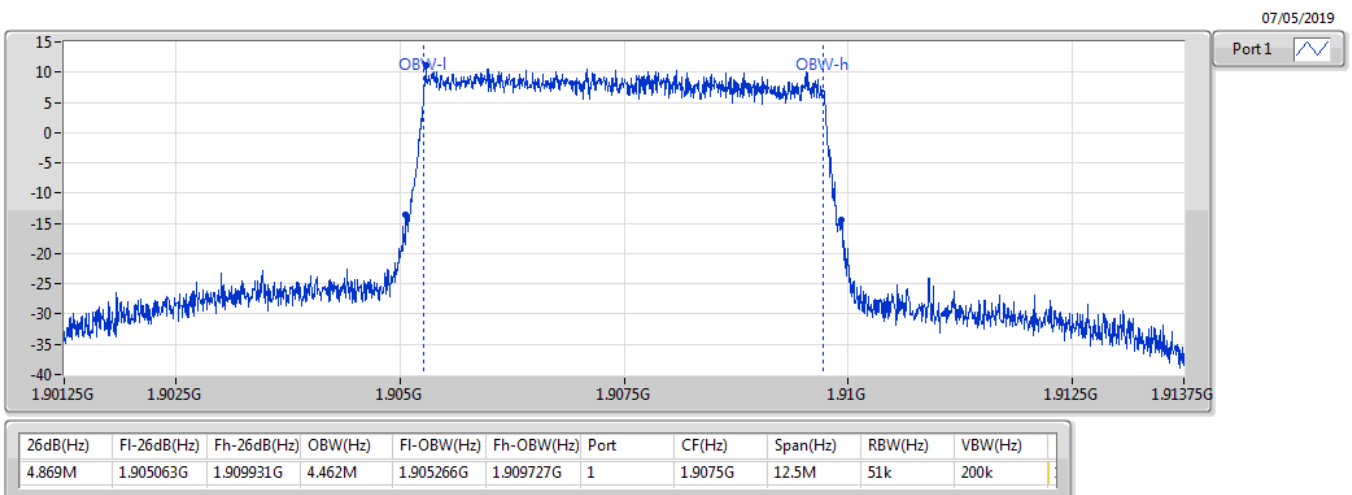
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 2.933M   | 1.878541G   | 1.881474G   | 2.678M  | 1.878661G  | 1.881339G  | 1    | 1.88G  | 7.5M     | 30k     | 100k    |

**Band 2\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1908.5MHz\_QPSK\_RB 15,#RB 0**

**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**1851.5MHz\_16QAM\_RB 15,#RB 0**


**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 15,#RB 0**
**EBW**

**Band 2\_LTE\_3MHz\_Nss1,16QAM\_1TX**  
**1908.5MHz\_16QAM\_RB 15,#RB 0**
**EBW**


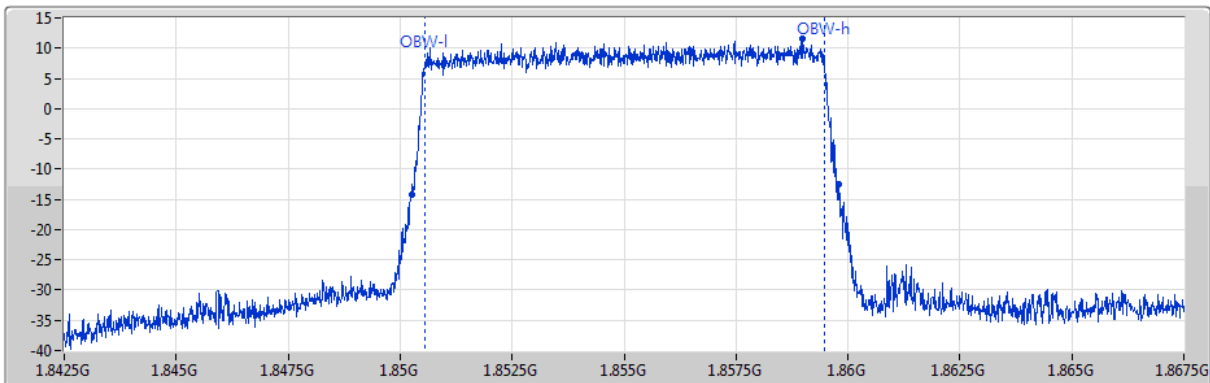
**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1852.5MHz\_QPSK\_RB 25,#RB 0**

**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1880MHz\_QPSK\_RB 25,#RB 0**


**Band 2\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1907.5MHz\_QPSK\_RB 25,#RB 0**

**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**1852.5MHz\_16QAM\_RB 25,#RB 0**


**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 25,#RB 0**
**EBW**

**Band 2\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1907.5MHz\_16QAM\_RB 25,#RB 0**
**EBW**


**Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**1855MHz\_QPSK\_RB 50,#RB 0**

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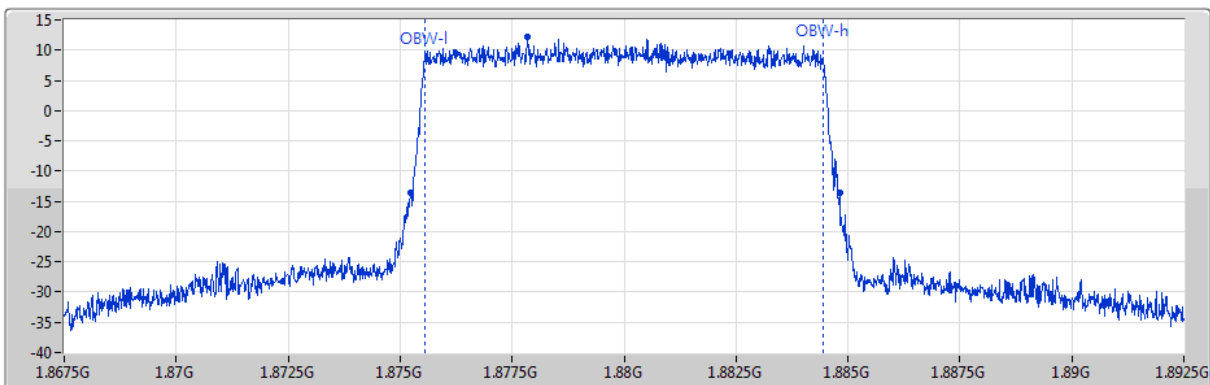


Port 1

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 9.55M    | 1.85025G    | 1.8598G     | 8.924M  | 1.850549G  | 1.859473G  | 1    | 1.855G | 25M      | 100k    | 300k    |

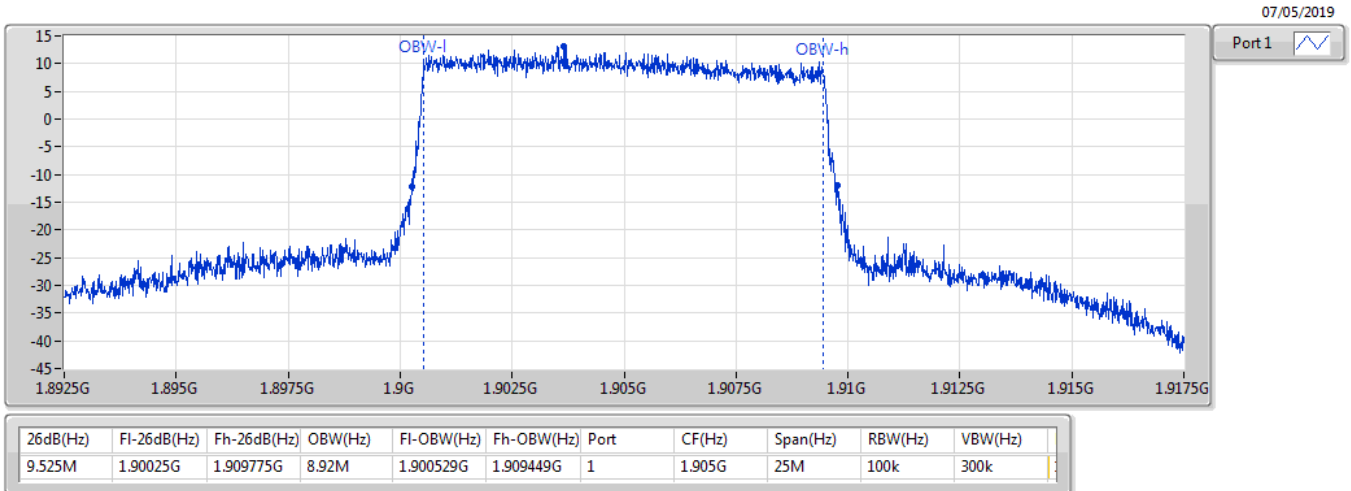
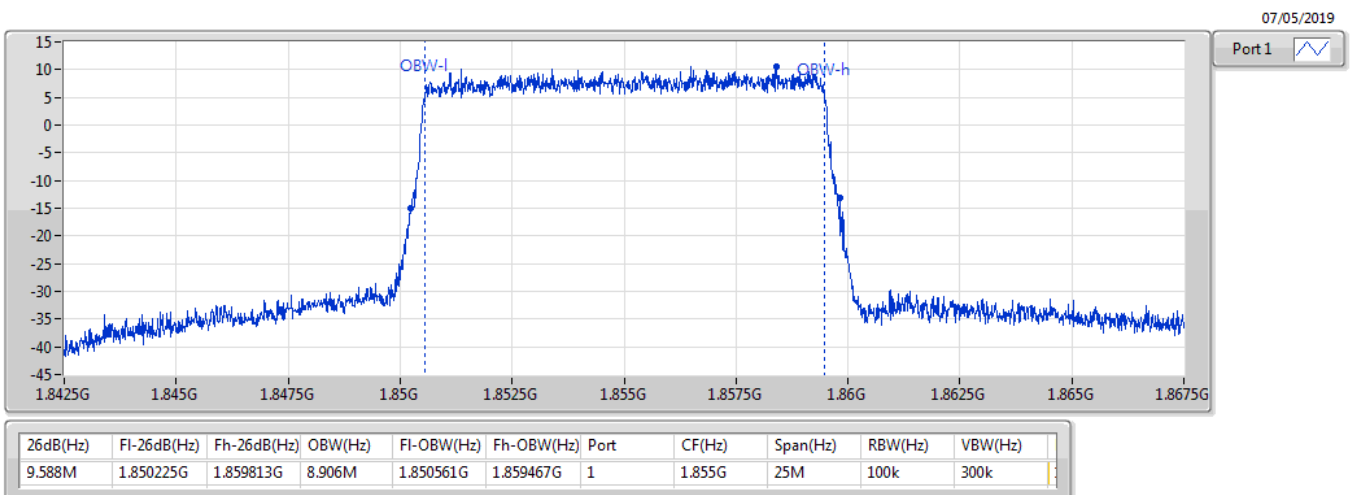
**Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**1880MHz\_QPSK\_RB 50,#RB 0**

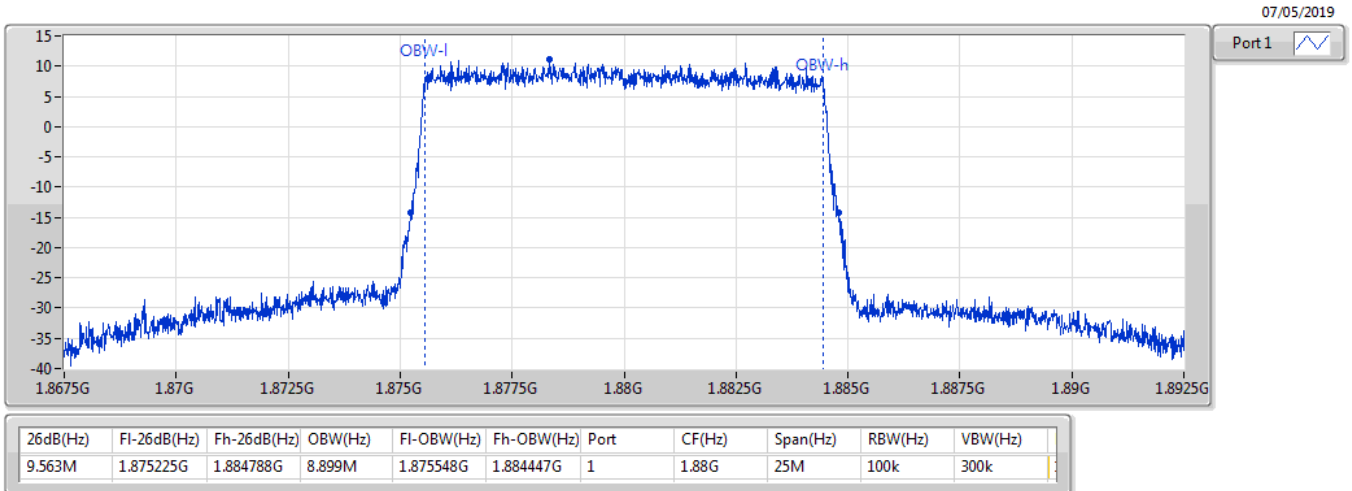
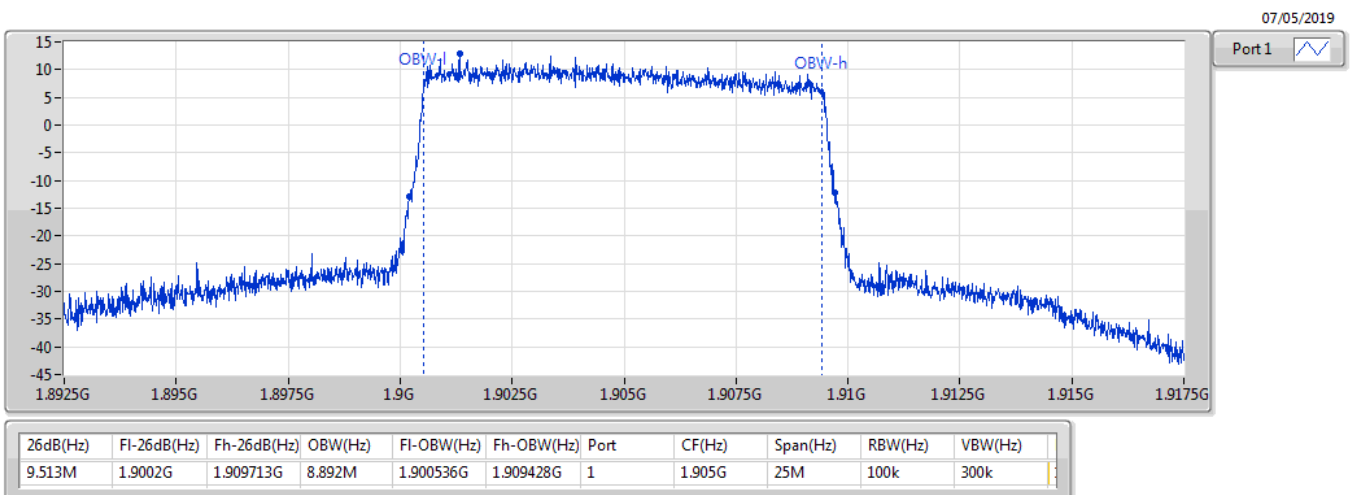
07/05/2019

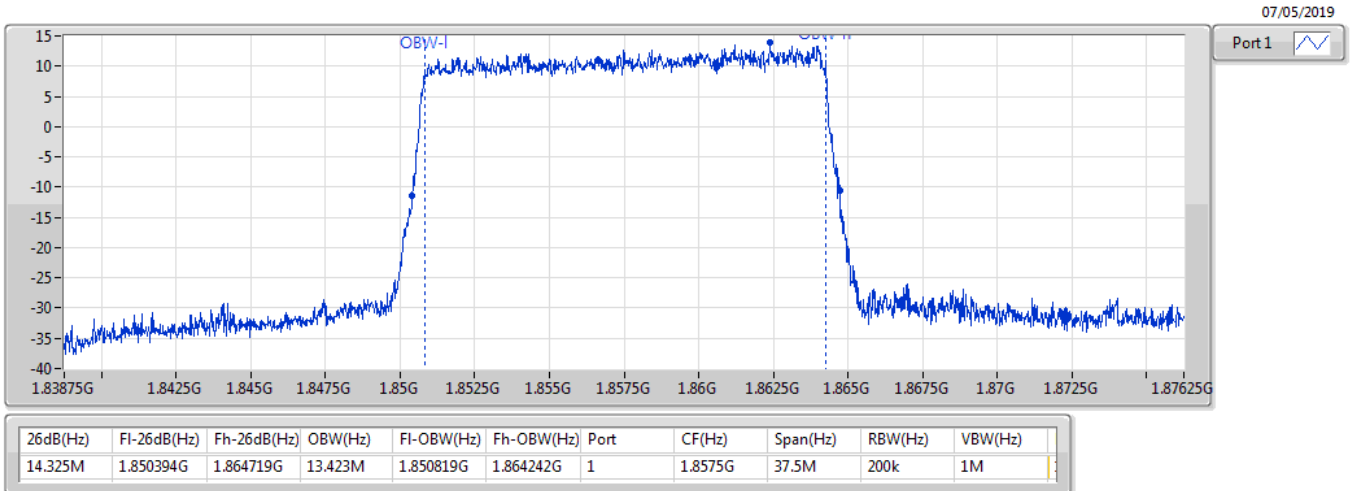
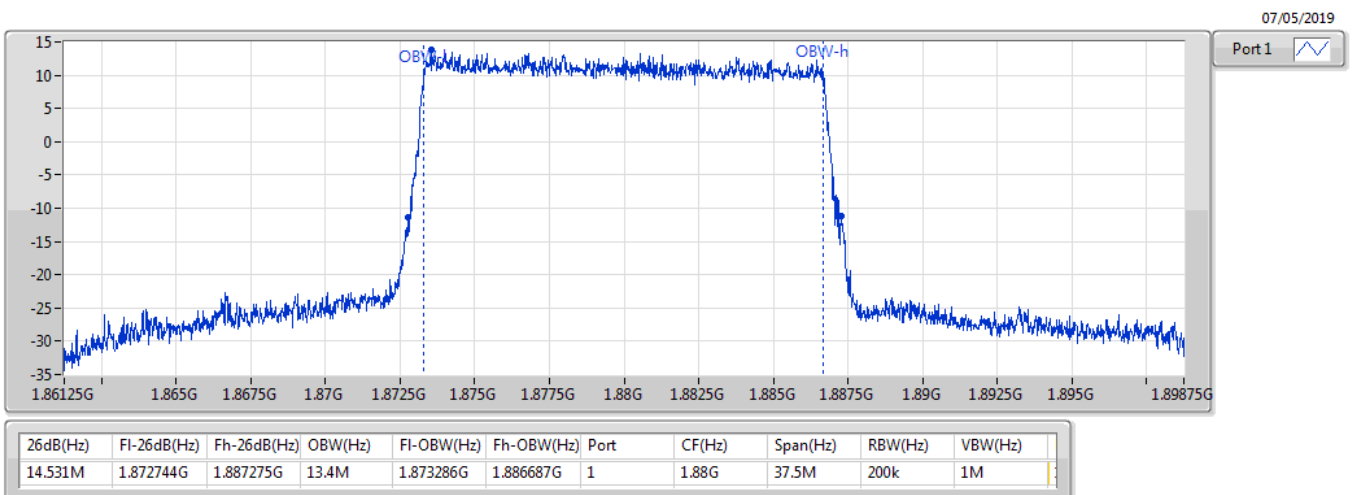


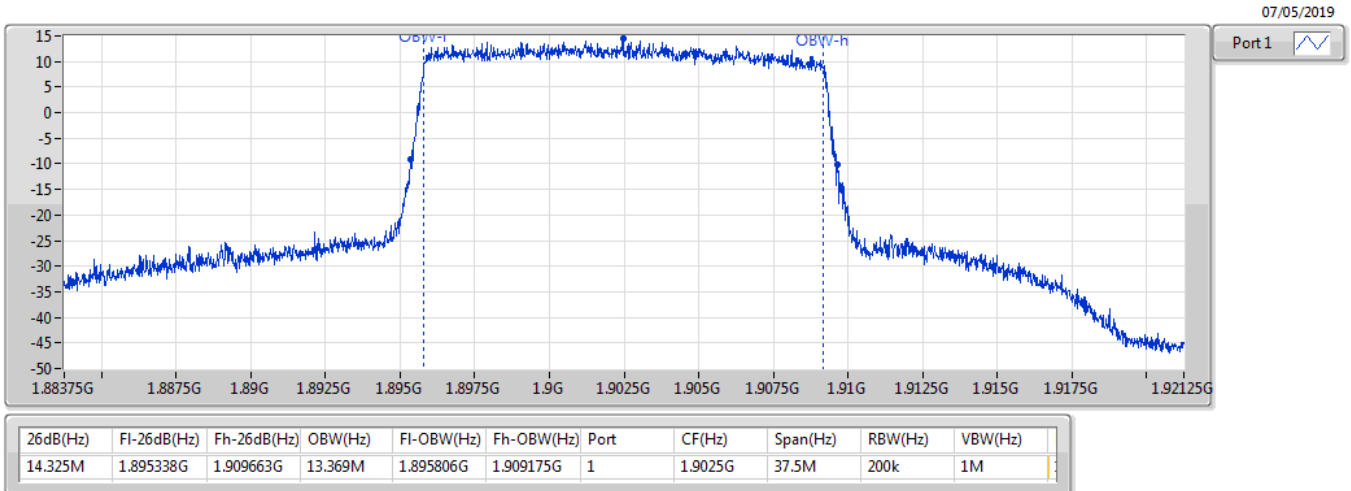
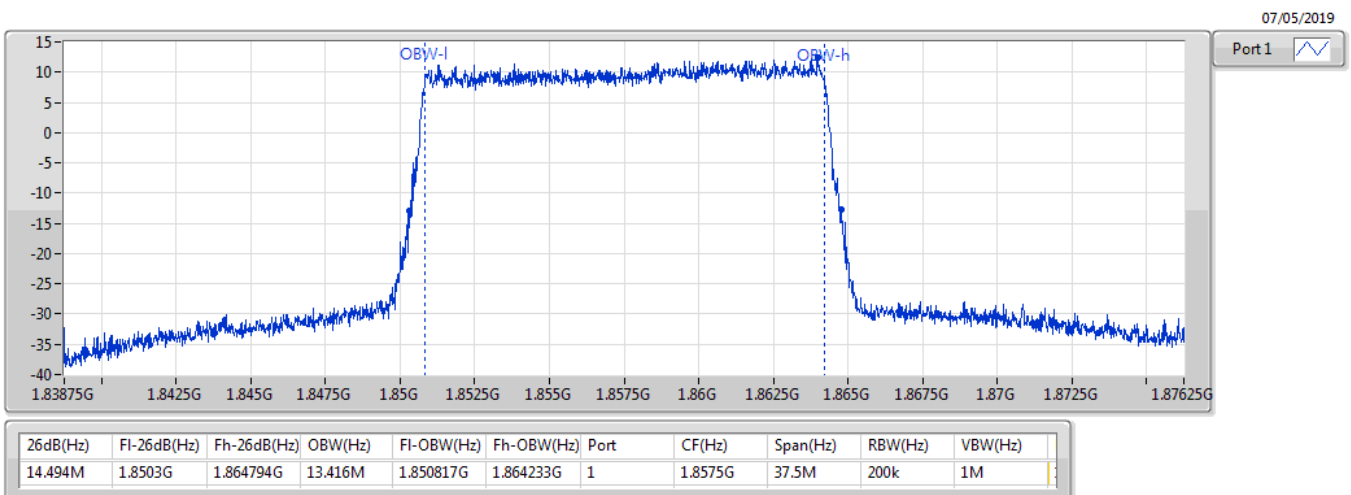
Port 1

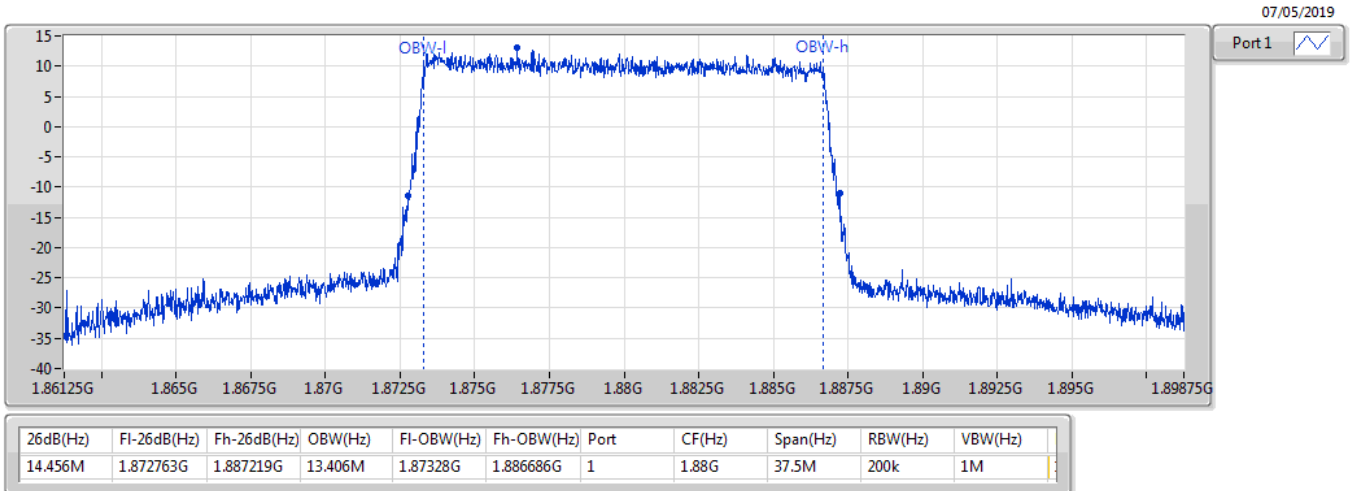
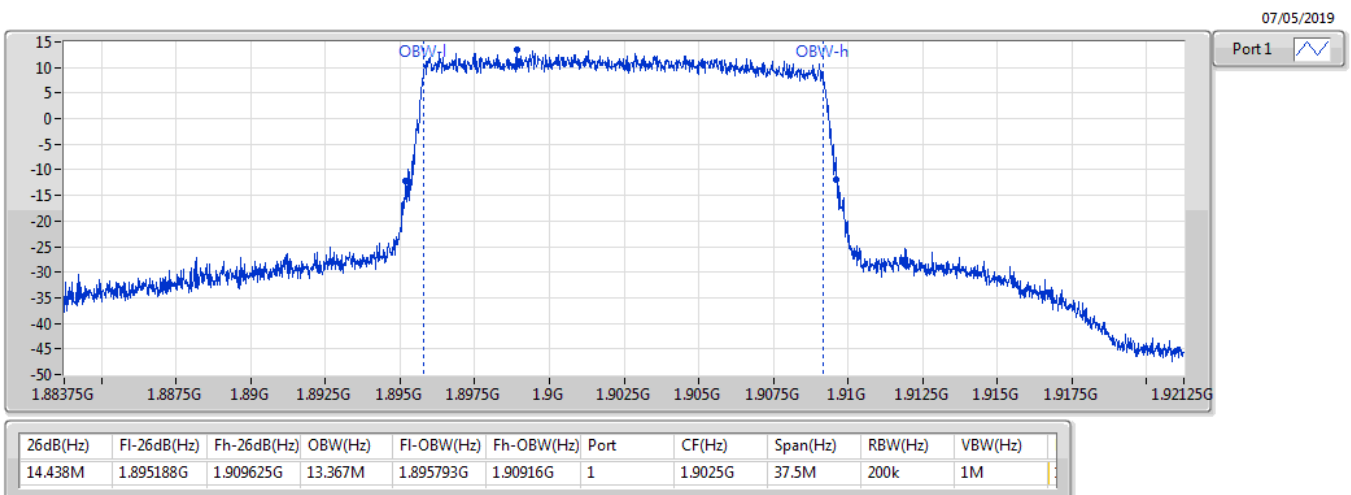
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 9.575M   | 1.875238G   | 1.884813G   | 8.912M  | 1.875544G  | 1.884455G  | 1    | 1.88G  | 25M      | 100k    | 300k    |

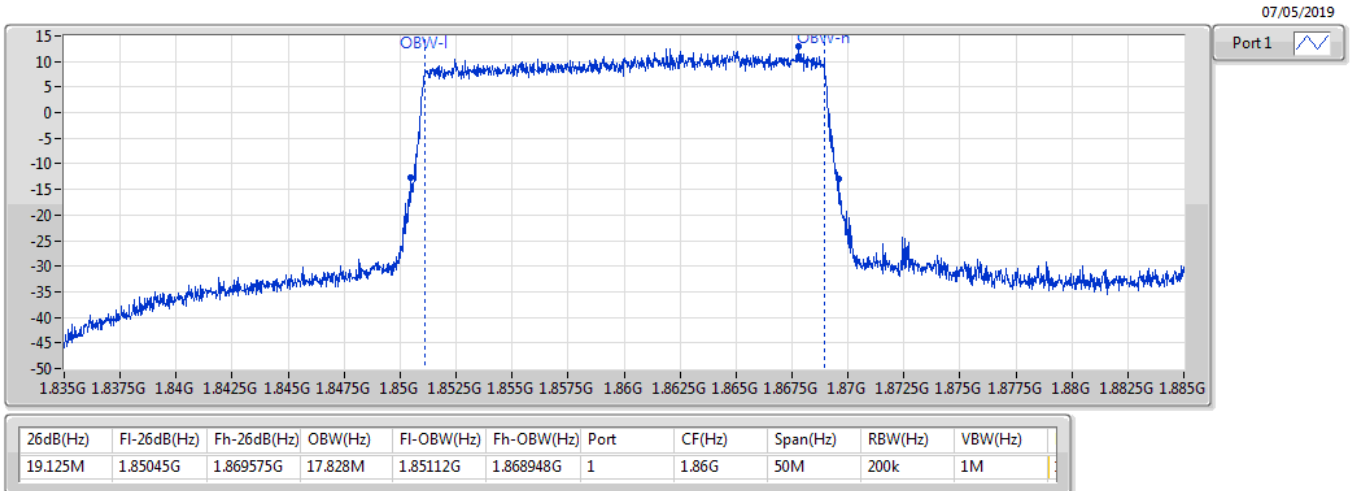
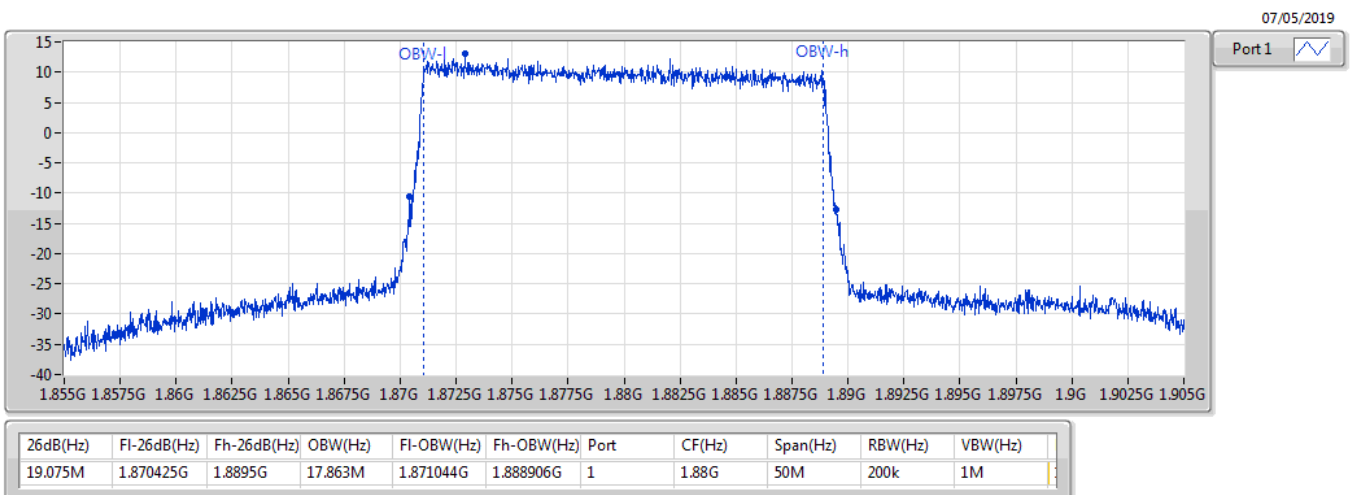
**Band 2\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**1905MHz\_QPSK\_RB 50,#RB 0**

**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**1855MHz\_16QAM\_RB 50,#RB 0**


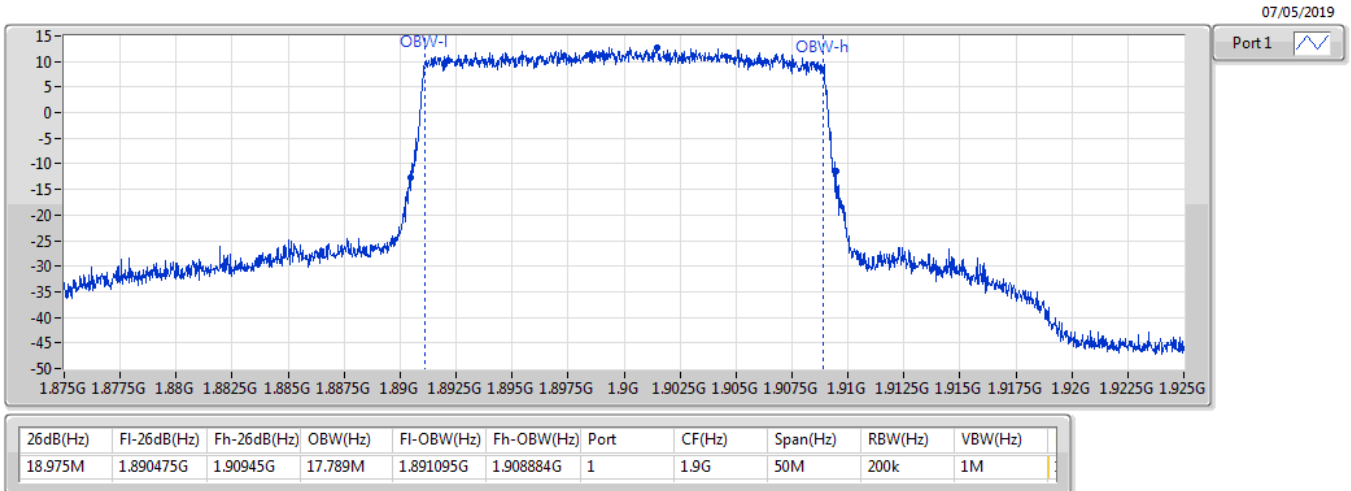
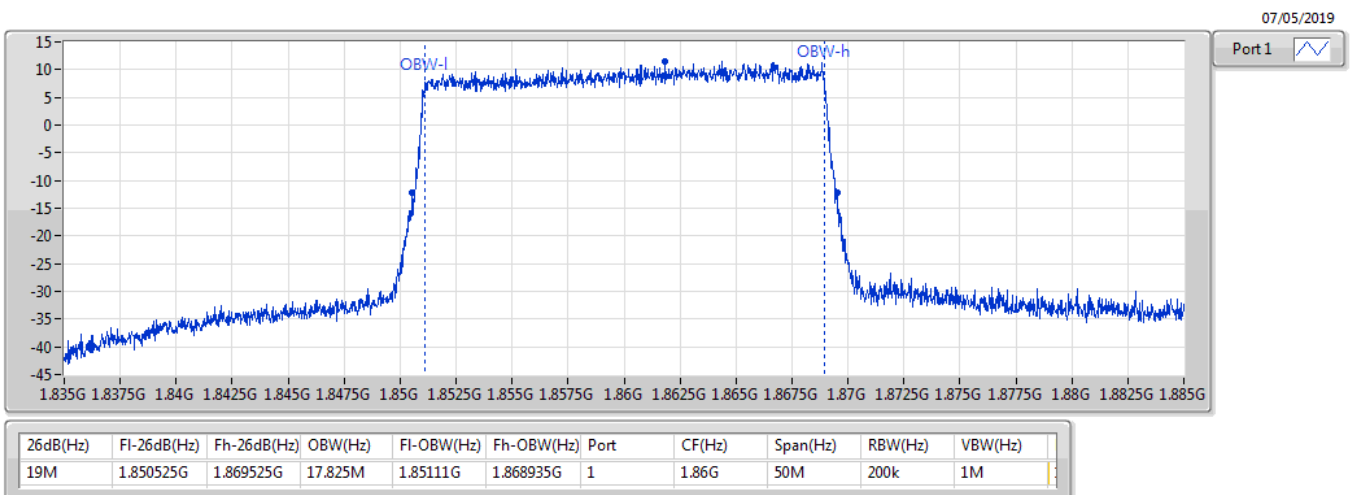
**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 50,#RB 0**
**EBW**

**Band 2\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**1905MHz\_16QAM\_RB 50,#RB 0**
**EBW**


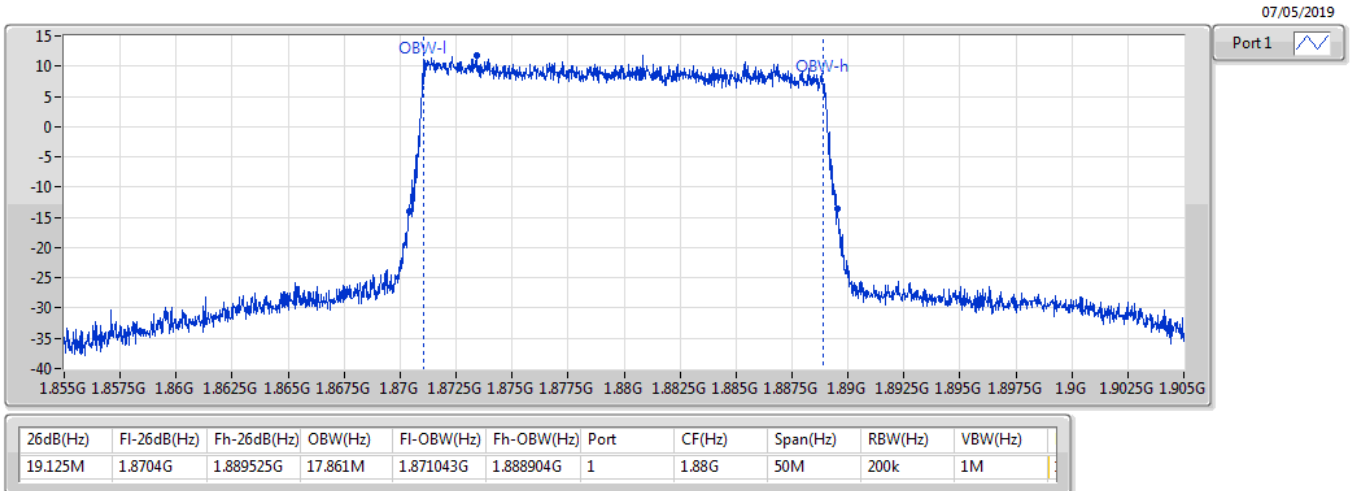
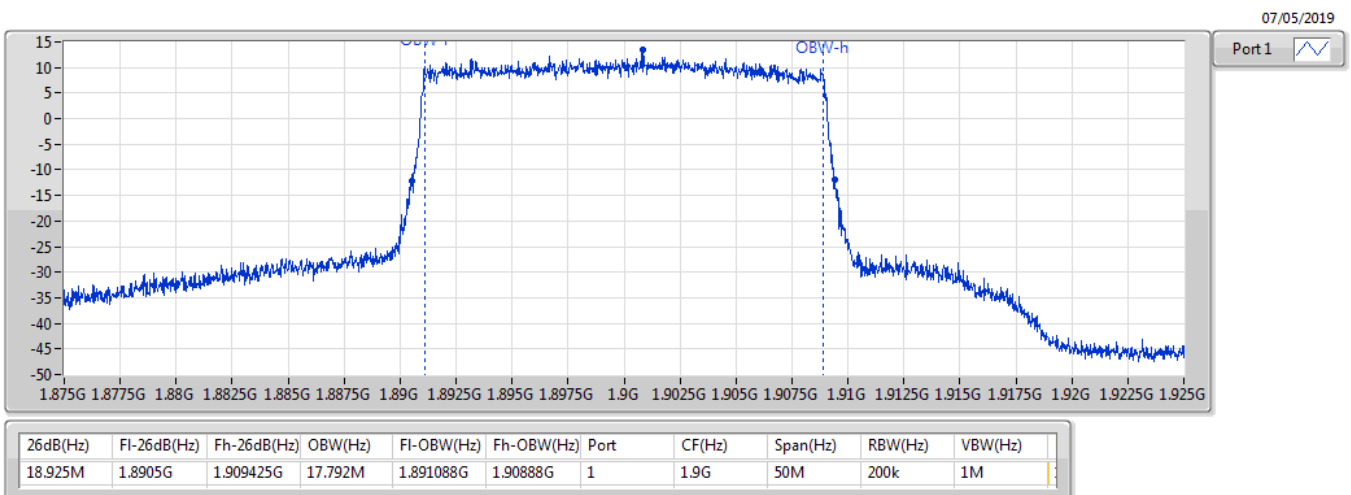
**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1857.5MHz\_QPSK\_RB 75,#RB 0**
**EBW**

**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**  
**1880MHz\_QPSK\_RB 75,#RB 0**
**EBW**


**Band 2\_LTE\_15MHz\_Nss1,QPSK\_1TX**
**EBW**
**1902.5MHz\_QPSK\_RB 75,#RB 0**

**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**
**EBW**
**1857.5MHz\_16QAM\_RB 75,#RB 0**


**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 75,#RB 0**
**EBW**

**Band 2\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1902.5MHz\_16QAM\_RB 75,#RB 0**
**EBW**


**Band 2\_LTE\_20MHz\_Nss1,QPSK\_1TX**  
**1860MHz\_QPSK\_RB 100,#RB 0**
**EBW**

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


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

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


**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1880MHz\_16QAM\_RB 100,#RB 0**
**EBW**

**Band 2\_LTE\_20MHz\_Nss1,16QAM\_1TX**  
**1900MHz\_16QAM\_RB 100,#RB 0**
**EBW**


**<Mode 5> EUT 2 + LTE Band 4 Link**
**Summary**

| Mode                      | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 4                    | -               | -               | -        | -               | -               |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 1.218M          | 1.08M           | 1M08G7D  | 1.213M          | 1.078M          |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.215M          | 1.083M          | 1M08W7D  | 1.213M          | 1.078M          |
| LTE_3MHz_Nss1,QPSK_1TX    | 2.933M          | 2.676M          | 2M68G7D  | 2.899M          | 2.671M          |
| LTE_3MHz_Nss1,16QAM_1TX   | 2.933M          | 2.684M          | 2M68W7D  | 2.914M          | 2.679M          |
| LTE_5MHz_Nss1,QPSK_1TX    | 4.9M            | 4.466M          | 4M47G7D  | 4.838M          | 4.461M          |
| LTE_5MHz_Nss1,16QAM_1TX   | 4.894M          | 4.461M          | 4M46W7D  | 4.838M          | 4.458M          |
| LTE_10MHz_Nss1,QPSK_1TX   | 9.638M          | 8.931M          | 8M93G7D  | 9.563M          | 8.92M           |
| LTE_10MHz_Nss1,16QAM_1TX  | 9.588M          | 8.92M           | 8M92W7D  | 9.55M           | 8.904M          |
| LTE_15MHz_Nss1,QPSK_1TX   | 14.475M         | 13.431M         | 13M4G7D  | 14.4M           | 13.418M         |
| LTE_15MHz_Nss1,16QAM_1TX  | 14.55M          | 13.415M         | 13M4W7D  | 14.494M         | 13.405M         |
| LTE_20MHz_Nss1,QPSK_1TX   | 19.2M           | 17.865M         | 17M9G7D  | 18.975M         | 17.809M         |
| LTE_20MHz_Nss1,16QAM_1TX  | 19.225M         | 17.871M         | 17M9W7D  | 18.9M           | 17.815M         |

**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;

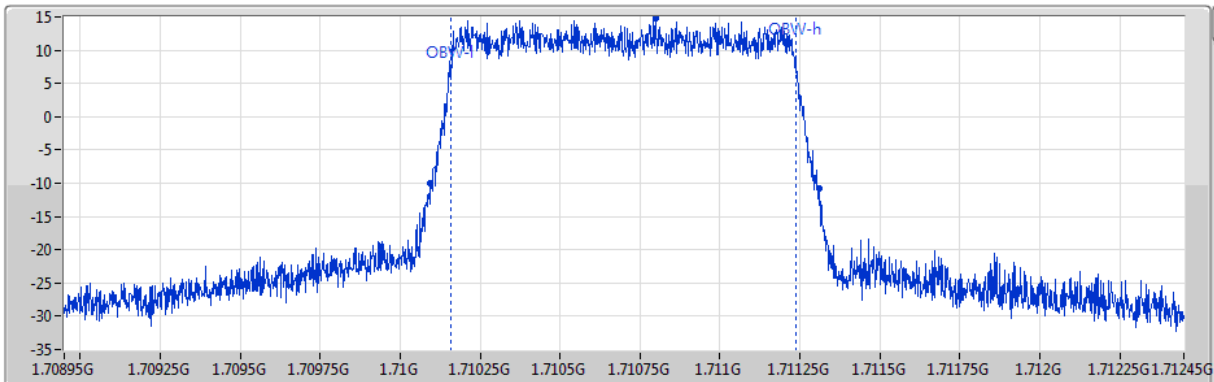
**Result**

| Mode                             | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------------|--------|---------------|--------------------|--------------------|
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -                  | -                  |
| 1710.7MHz_RB 6,#RB 0             | Pass   | Inf           | 1.216M             | 1.08M              |
| 1732.5MHz_RB 6,#RB 0             | Pass   | Inf           | 1.218M             | 1.078M             |
| 1754.3MHz_RB 6,#RB 0             | Pass   | Inf           | 1.213M             | 1.078M             |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 1710.7MHz_RB 6,#RB 0             | Pass   | Inf           | 1.215M             | 1.078M             |
| 1732.5MHz_RB 6,#RB 0             | Pass   | Inf           | 1.215M             | 1.083M             |
| 1754.3MHz_RB 6,#RB 0             | Pass   | Inf           | 1.213M             | 1.083M             |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 1711.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.899M             | 2.675M             |
| 1732.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.91M              | 2.676M             |
| 1753.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.933M             | 2.671M             |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 1711.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.921M             | 2.68M              |
| 1732.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.933M             | 2.684M             |
| 1753.5MHz_RB 15,#RB 0            | Pass   | Inf           | 2.914M             | 2.679M             |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 1712.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.856M             | 4.466M             |
| 1732.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.838M             | 4.461M             |
| 1752.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.9M               | 4.465M             |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 1712.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.838M             | 4.458M             |
| 1732.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.85M              | 4.461M             |
| 1752.5MHz_RB 25,#RB 0            | Pass   | Inf           | 4.894M             | 4.459M             |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 1715MHz_RB 50,#RB 0              | Pass   | Inf           | 9.563M             | 8.92M              |
| 1732.5MHz_RB 50,#RB 0            | Pass   | Inf           | 9.638M             | 8.926M             |
| 1750MHz_RB 50,#RB 0              | Pass   | Inf           | 9.588M             | 8.931M             |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 1715MHz_RB 50,#RB 0              | Pass   | Inf           | 9.588M             | 8.913M             |
| 1732.5MHz_RB 50,#RB 0            | Pass   | Inf           | 9.55M              | 8.904M             |
| 1750MHz_RB 50,#RB 0              | Pass   | Inf           | 9.575M             | 8.92M              |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 1717.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.456M            | 13.418M            |
| 1732.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.4M              | 13.419M            |
| 1747.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.475M            | 13.431M            |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 1717.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.55M             | 13.412M            |
| 1732.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.513M            | 13.405M            |
| 1747.5MHz_RB 75,#RB 0            | Pass   | Inf           | 14.494M            | 13.415M            |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 1720MHz_RB 100,#RB 0             | Pass   | Inf           | 19.2M              | 17.865M            |
| 1732.5MHz_RB 100,#RB 0           | Pass   | Inf           | 18.975M            | 17.809M            |
| 1745MHz_RB 100,#RB 0             | Pass   | Inf           | 19.1M              | 17.834M            |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 1720MHz_RB 100,#RB 0             | Pass   | Inf           | 19.225M            | 17.871M            |
| 1732.5MHz_RB 100,#RB 0           | Pass   | Inf           | 18.9M              | 17.815M            |
| 1745MHz_RB 100,#RB 0             | Pass   | Inf           | 19.05M             | 17.816M            |

**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

**Band 4\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1710.7MHz\_QPSK\_RB 6,#RB 0**
**EBW**

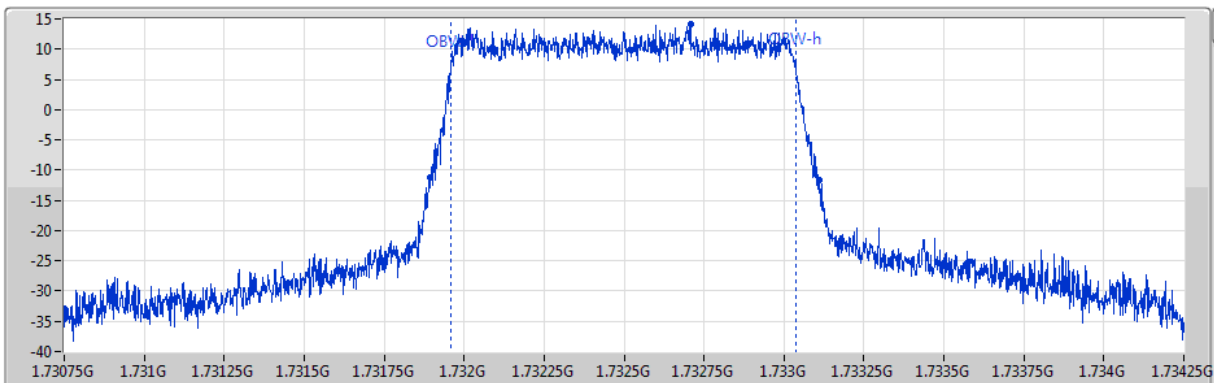
21/05/2019

Port 1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 1.216M   | 1.710095G   | 1.711311G   | 1.08M   | 1.710158G  | 1.711237G  | 1    | 1.7107G | 3.5M     | 20k     | 100k    |

**Band 4\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**1732.5MHz\_QPSK\_RB 6,#RB 0**
**EBW**

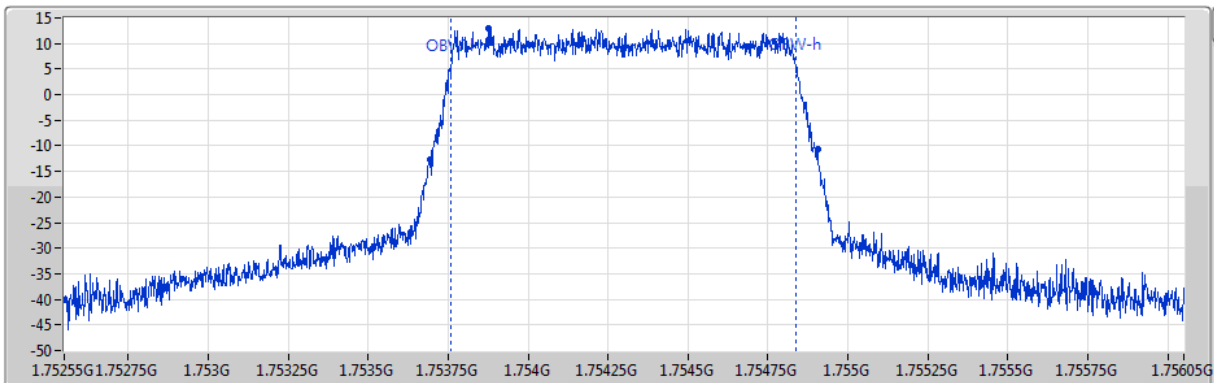
11/05/2019

Port 1 


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 1.218M   | 1.731893G   | 1.733111G   | 1.078M  | 1.731959G  | 1.733038G  | 1    | 1.7325G | 3.5M     | 20k     | 100k    |

**Band 4\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**
**EBW**
**1754.3MHz\_QPSK\_RB 6,#RB 0**

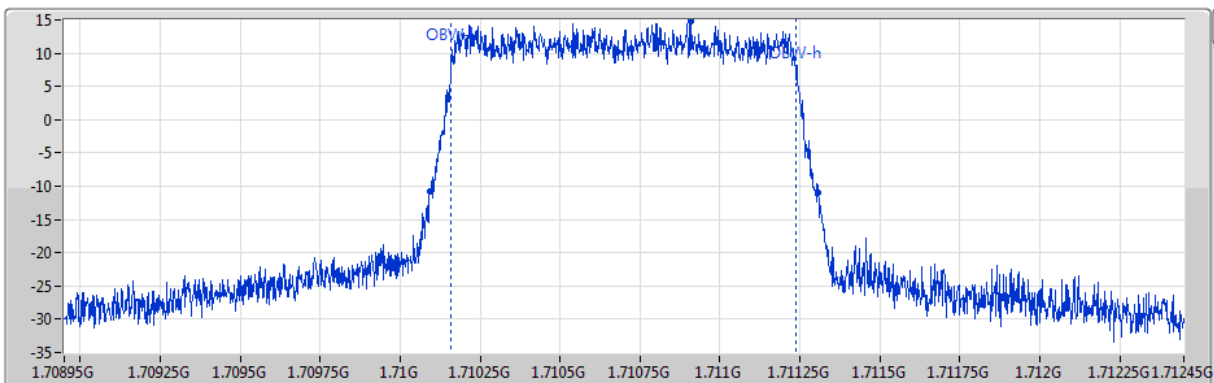
11/05/2019



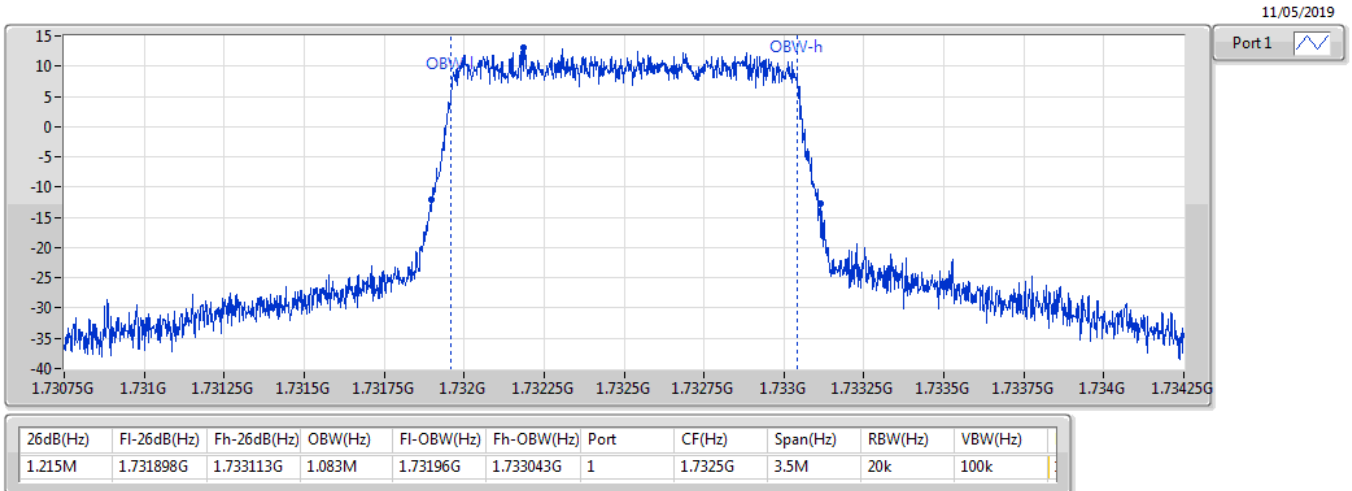
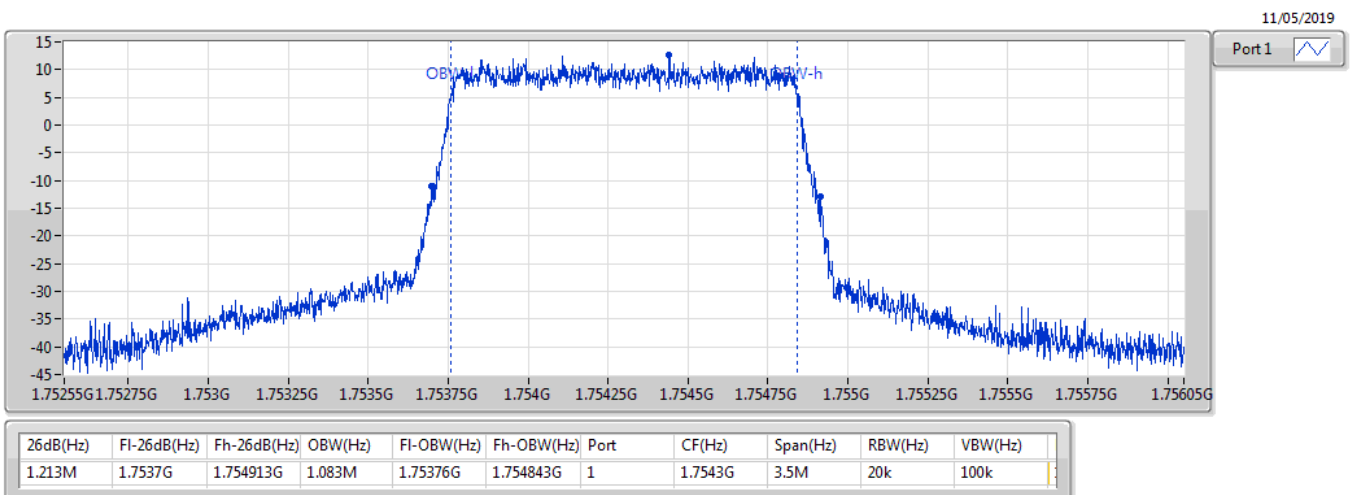
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 1.213M   | 1.753693G   | 1.754906G   | 1.078M  | 1.753759G  | 1.754837G  | 1    | 1.7543G | 3.5M     | 20k     | 100k    |

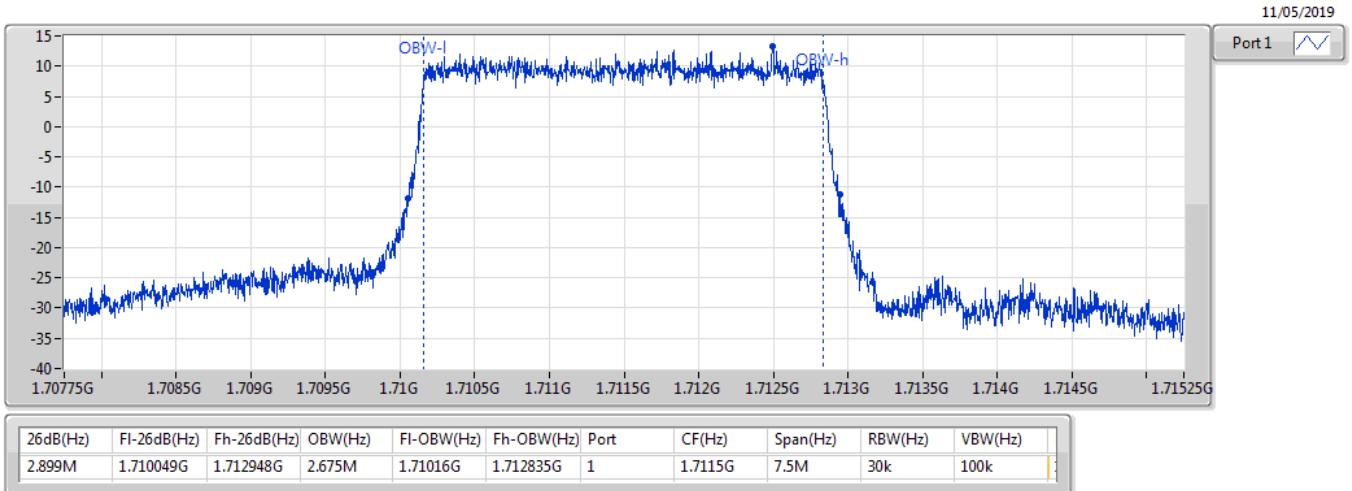
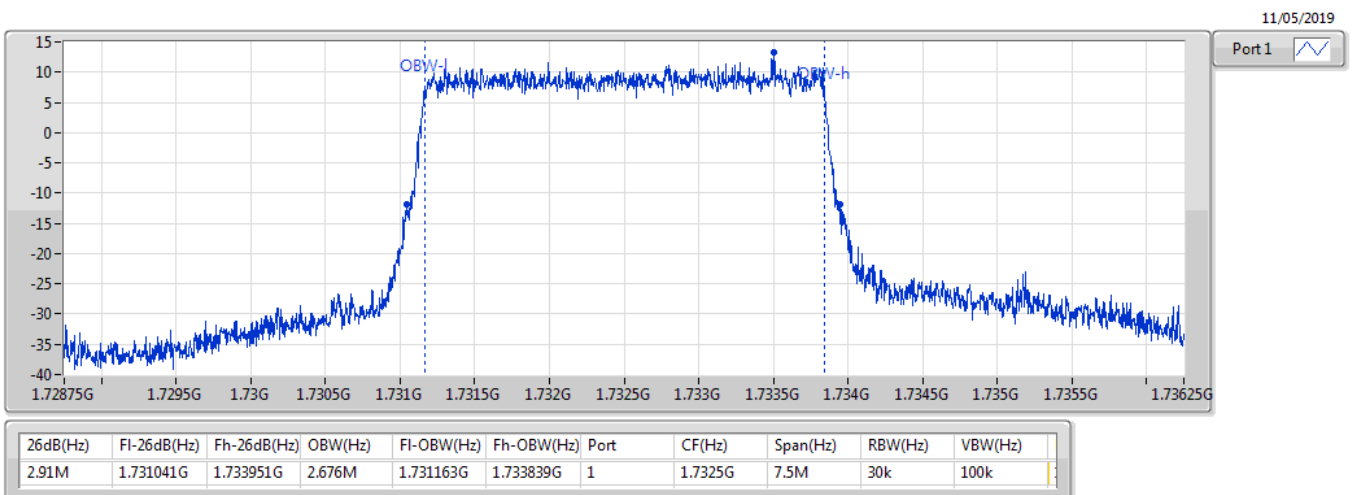
**Band 4\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**1710.7MHz\_16QAM\_RB 6,#RB 0**

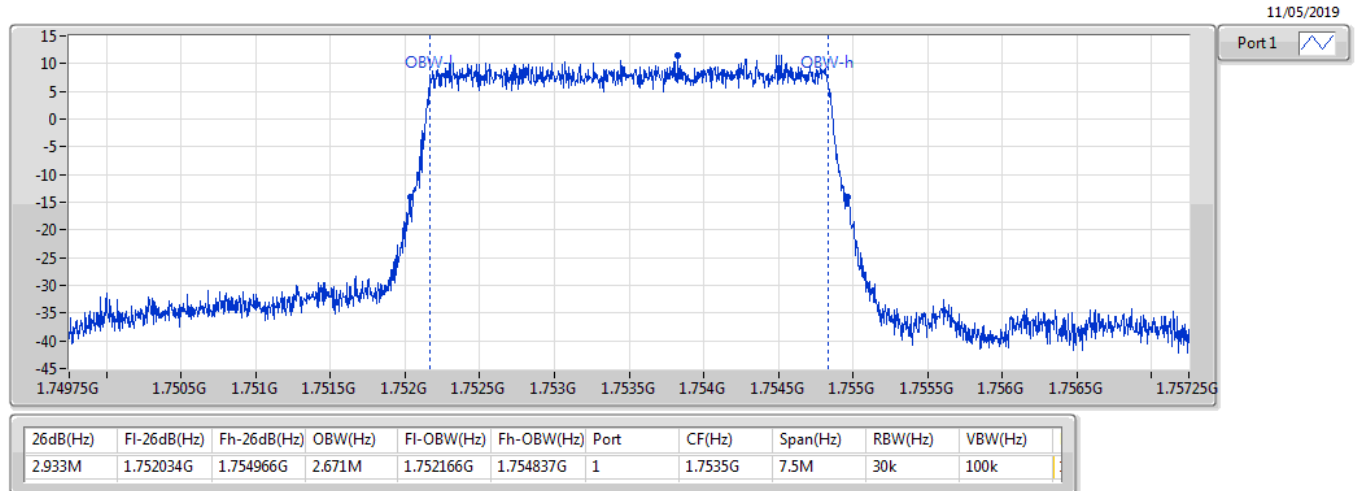
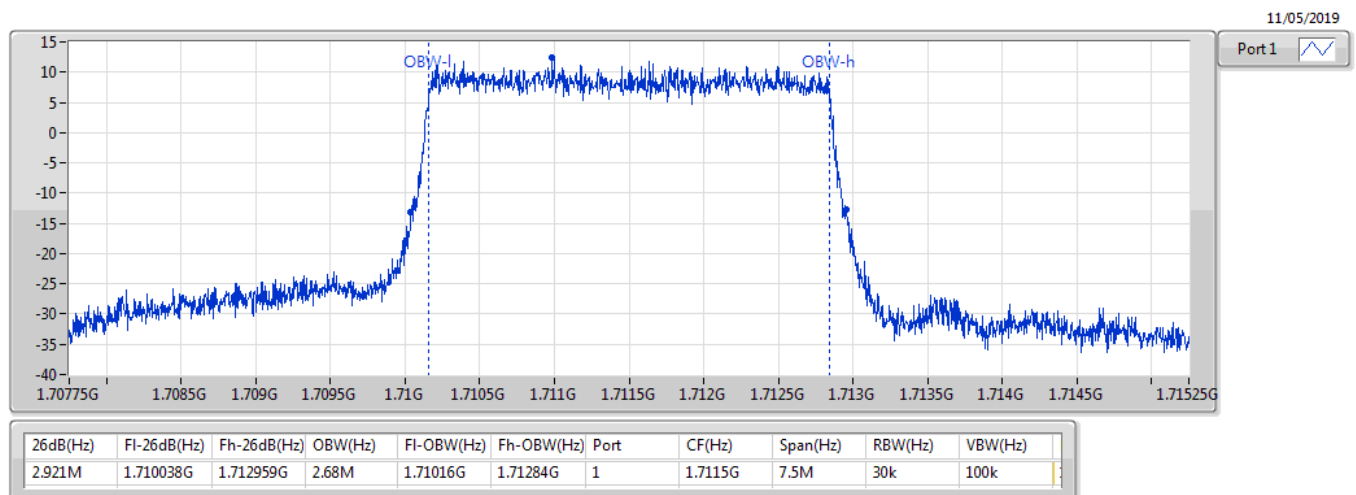
21/05/2019

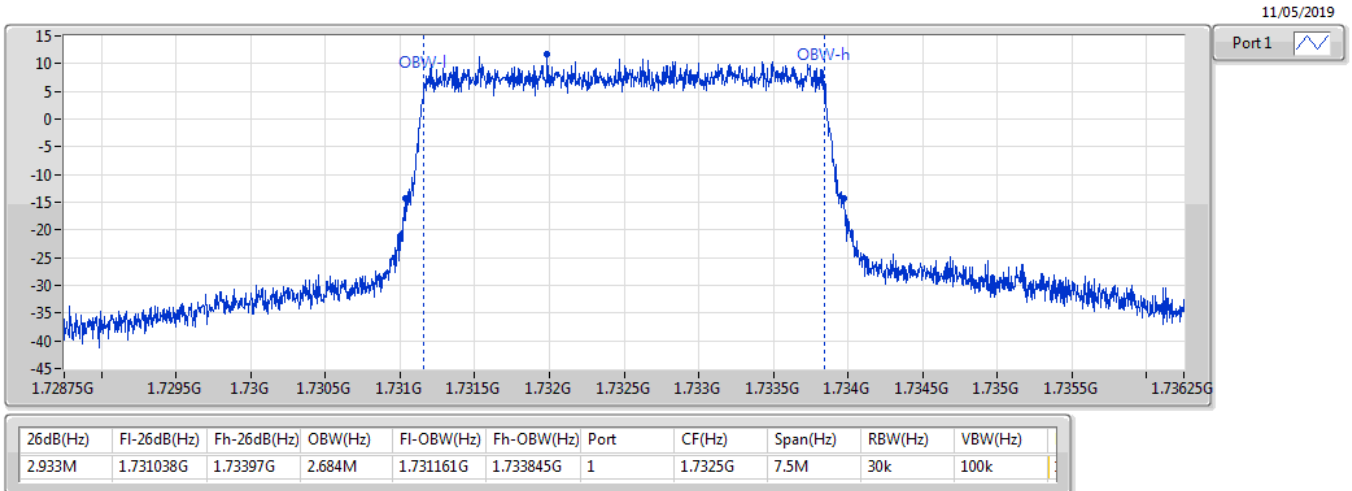
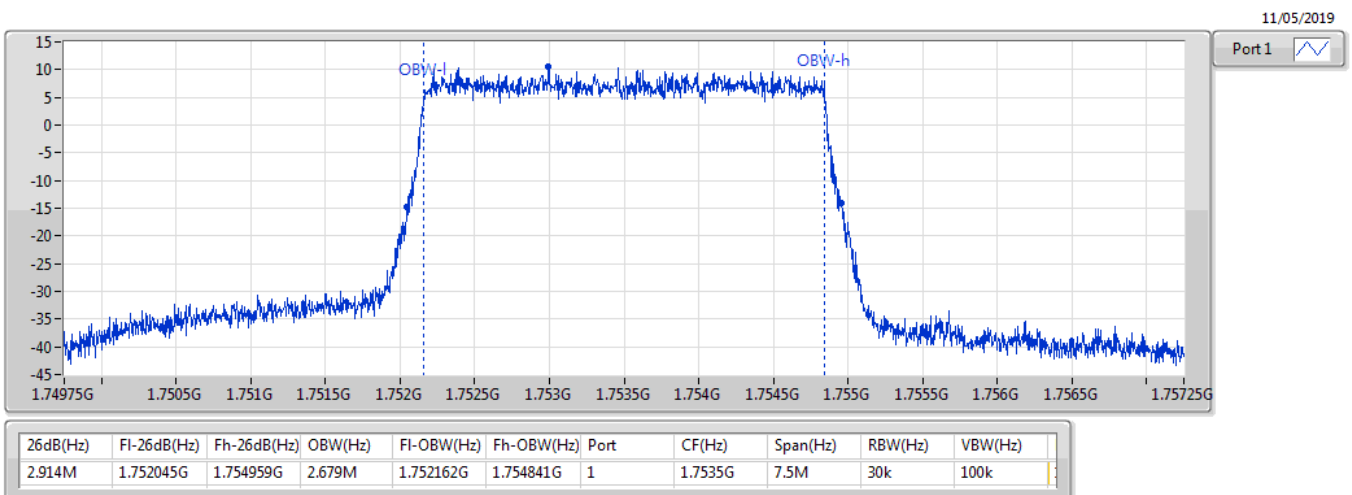


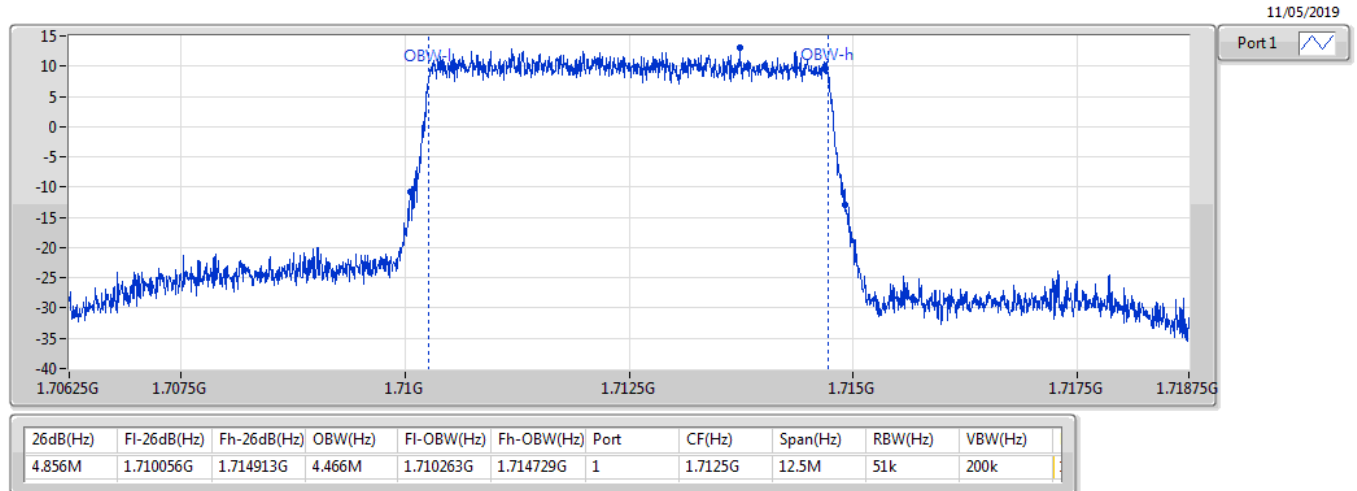
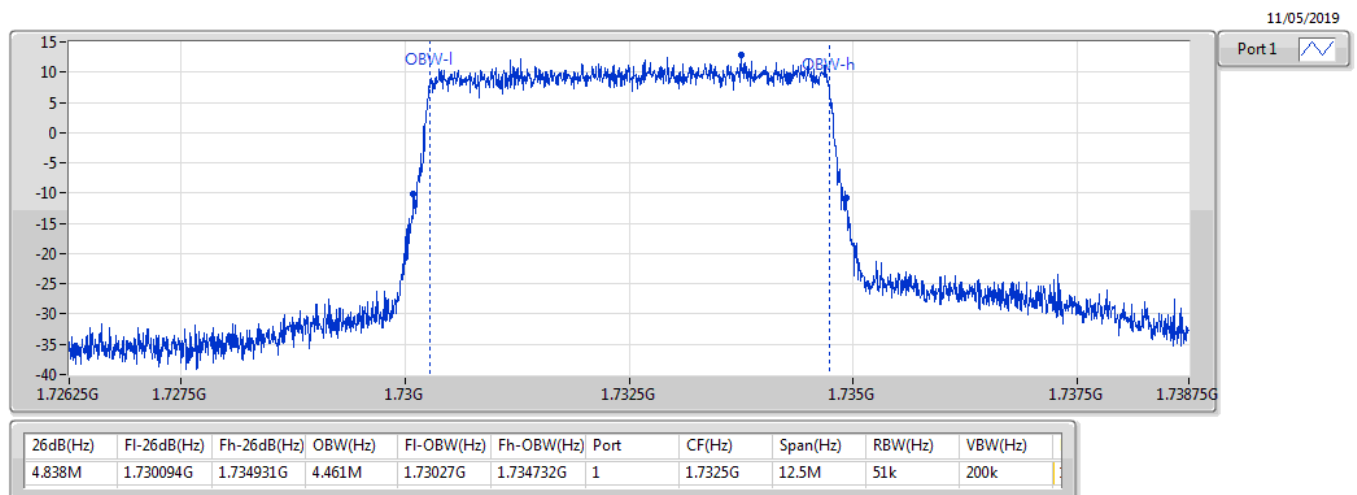
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz)  | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 1.215M   | 1.710093G   | 1.711307G   | 1.078M  | 1.71016G   | 1.711238G  | 1    | 1.7107G | 3.5M     | 20k     | 100k    |

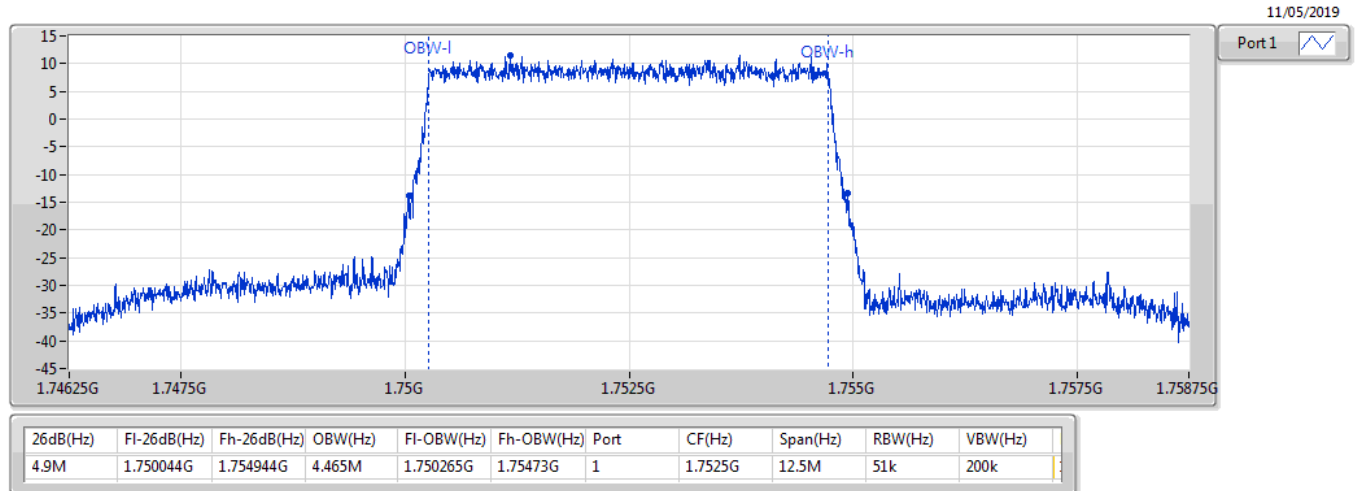
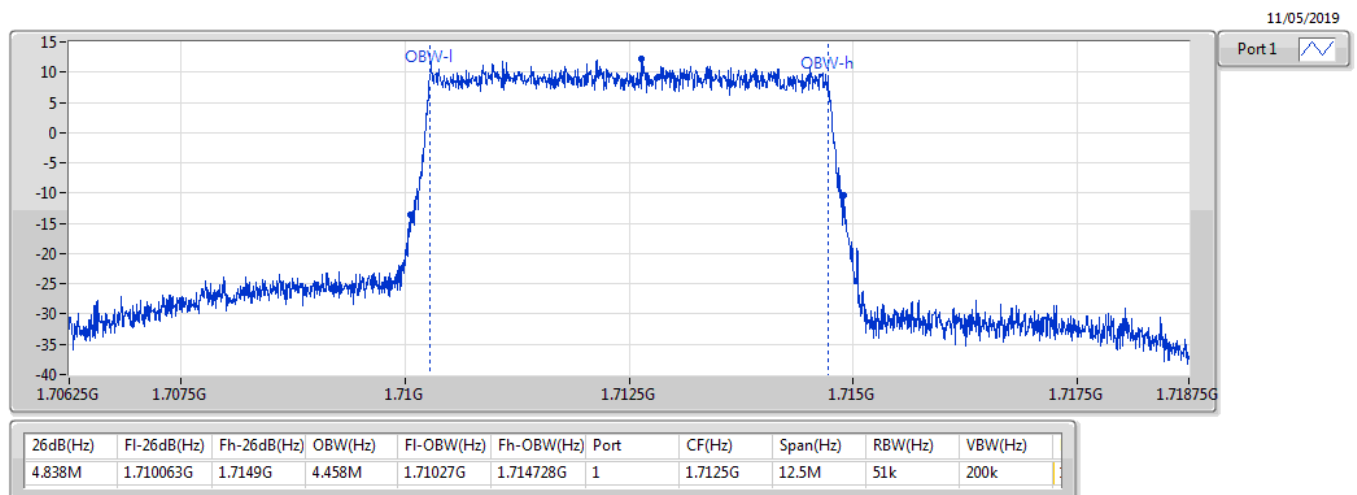
**Band 4\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 6,#RB 0**
**EBW**

**Band 4\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**1754.3MHz\_16QAM\_RB 6,#RB 0**
**EBW**


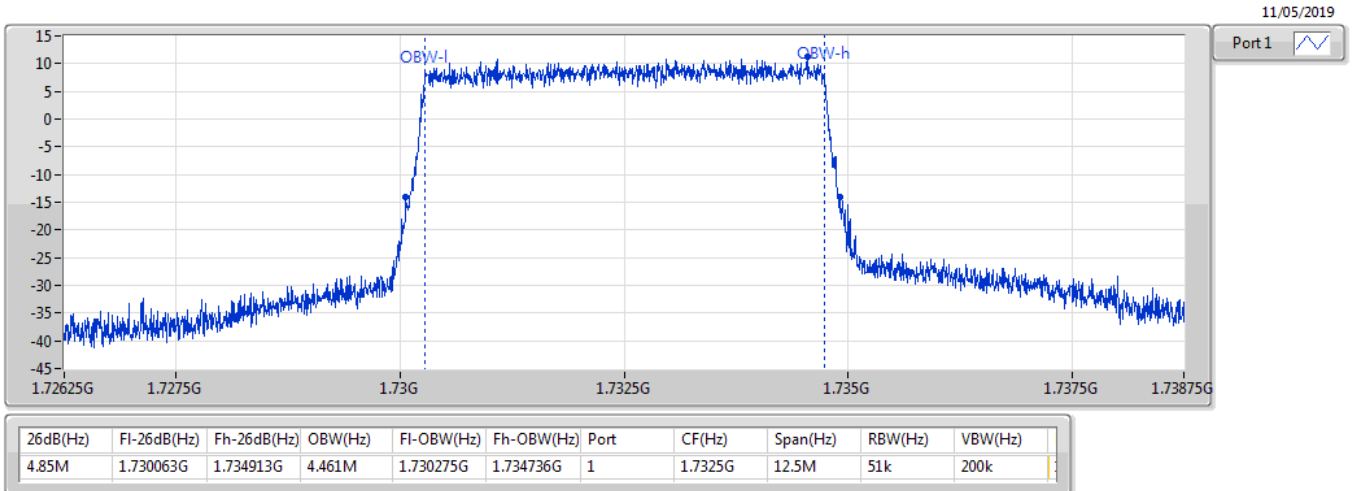
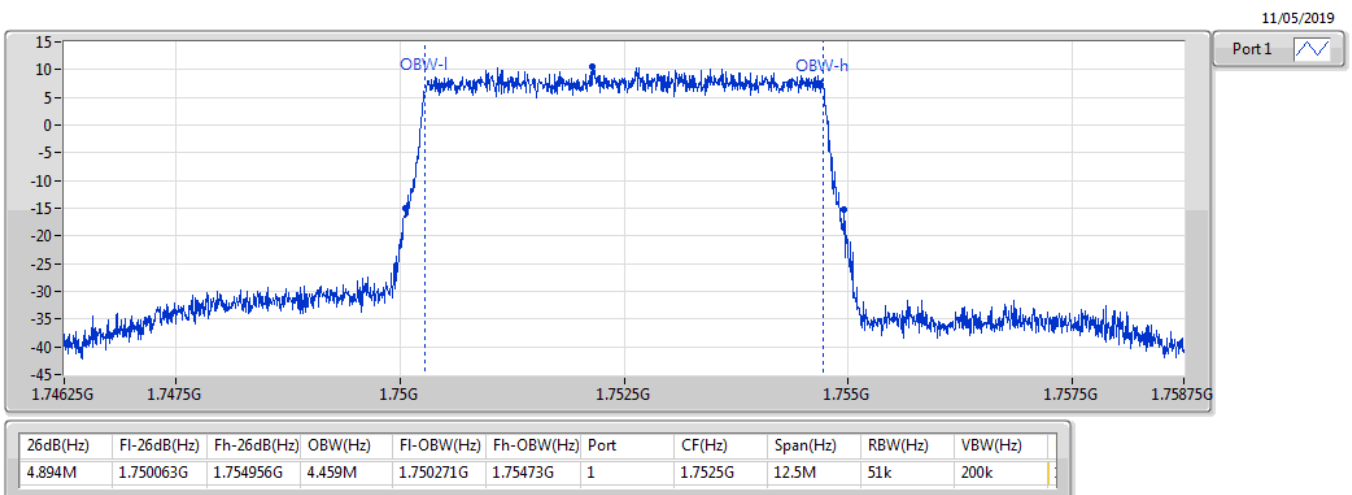
**Band 4\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1711.5MHz\_QPSK\_RB 15,#RB 0**

**Band 4\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1732.5MHz\_QPSK\_RB 15,#RB 0**


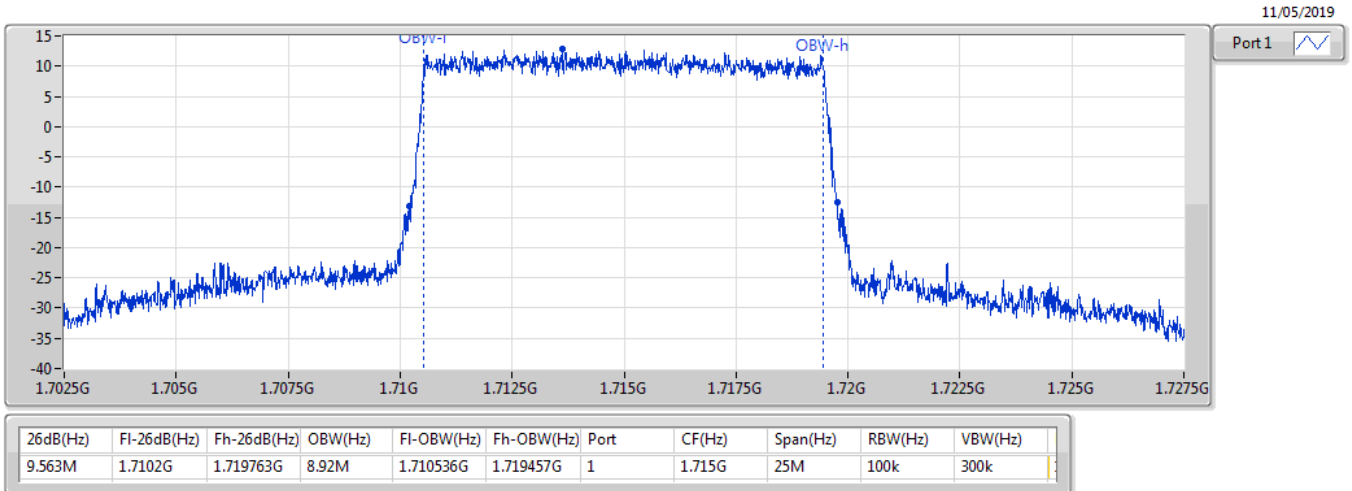
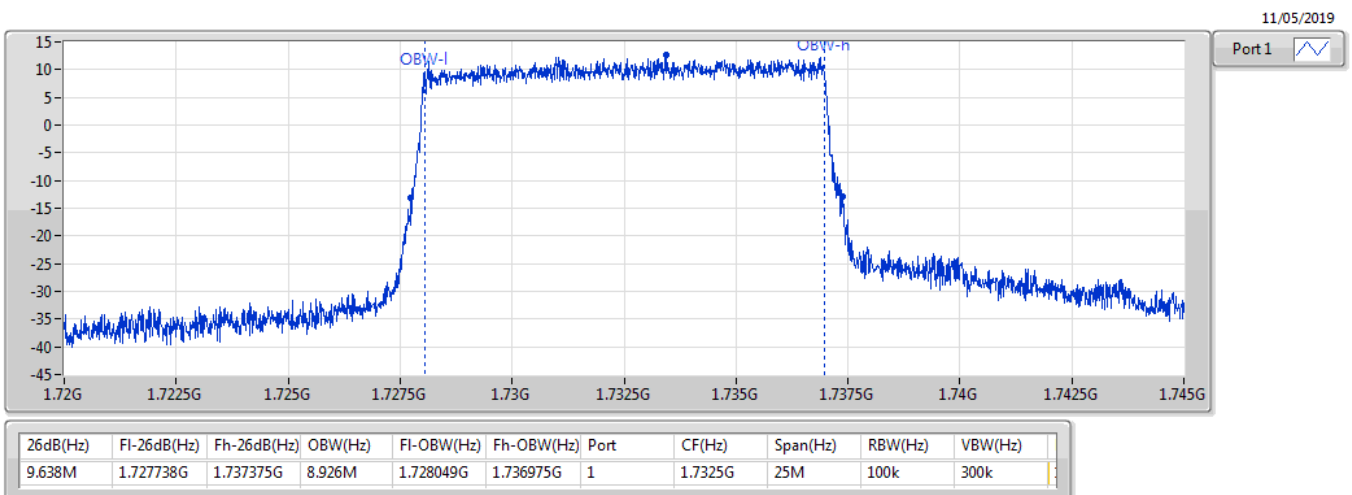
**Band 4\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**1753.5MHz\_QPSK\_RB 15,#RB 0**

**Band 4\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**1711.5MHz\_16QAM\_RB 15,#RB 0**


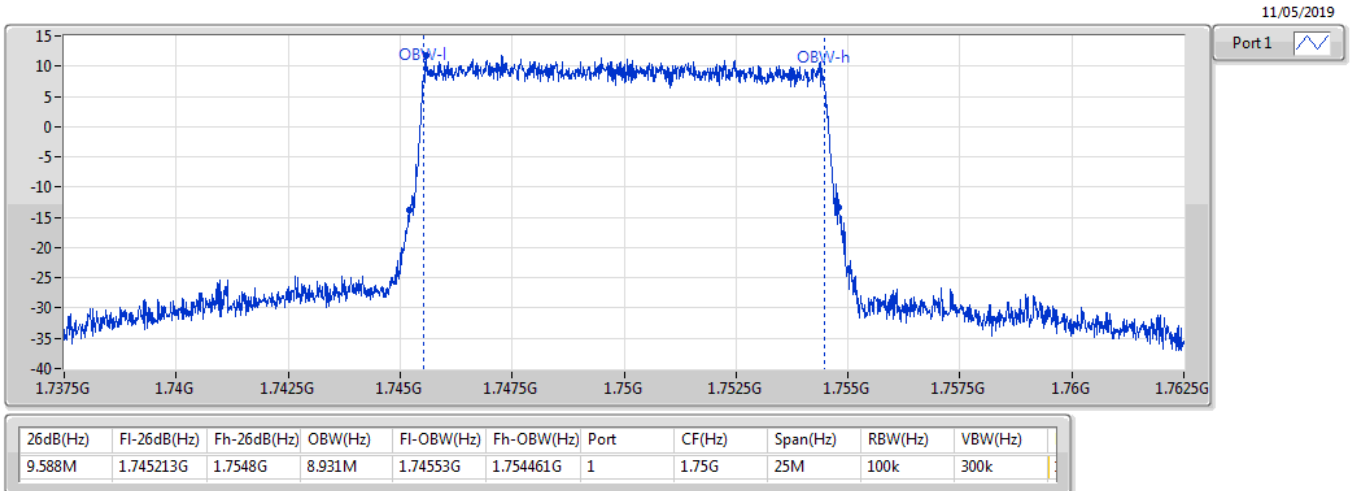
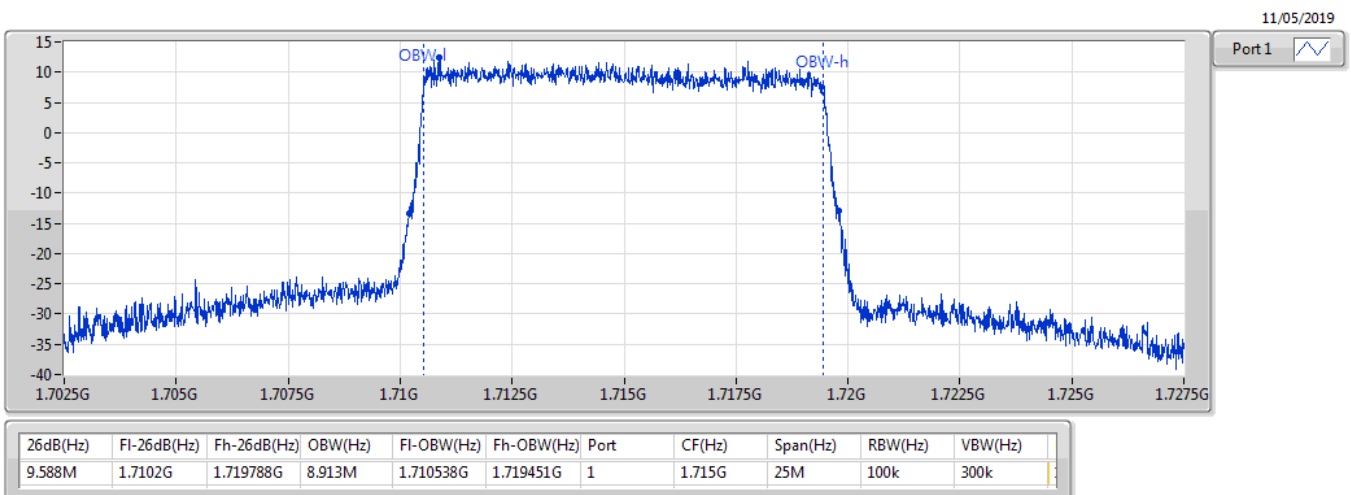
**Band 4\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**1732.5MHz\_16QAM\_RB 15,#RB 0**

**Band 4\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**1753.5MHz\_16QAM\_RB 15,#RB 0**


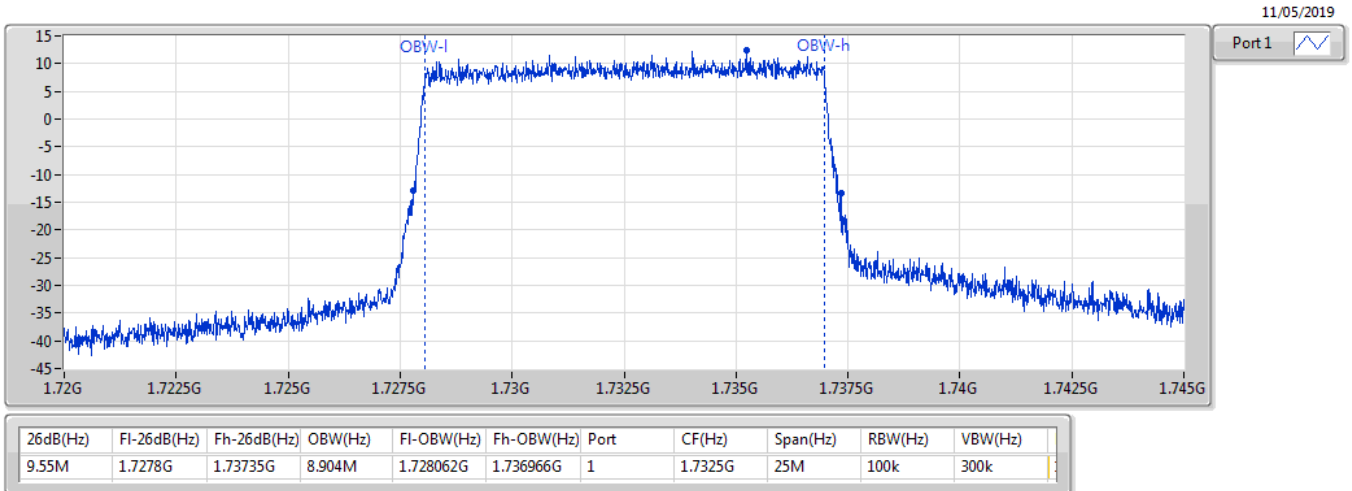
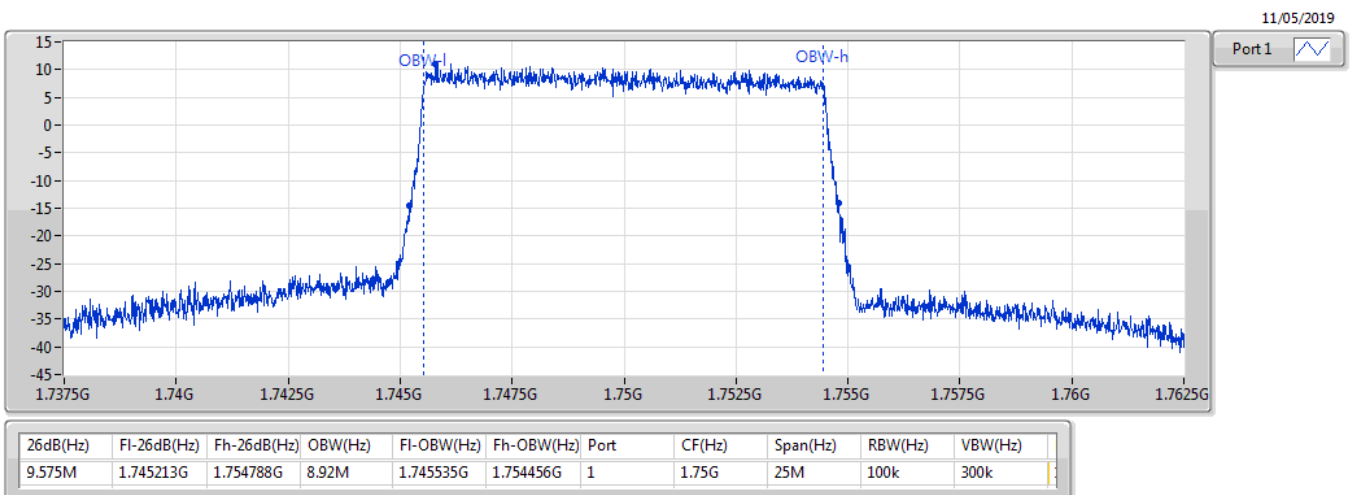
**Band 4\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1712.5MHz\_QPSK\_RB 25,#RB 0**

**Band 4\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1732.5MHz\_QPSK\_RB 25,#RB 0**


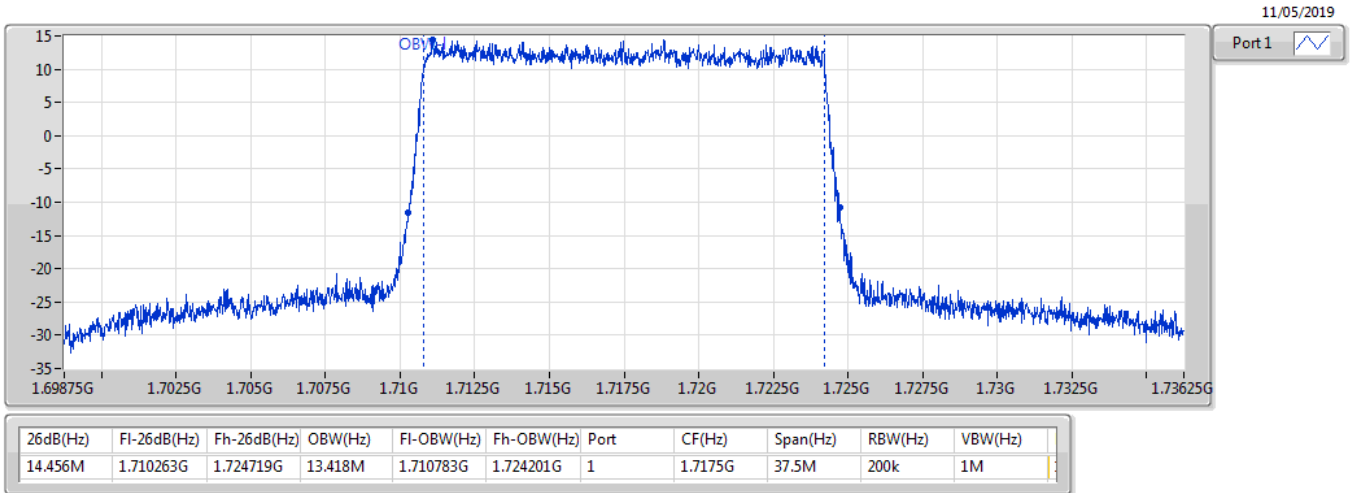
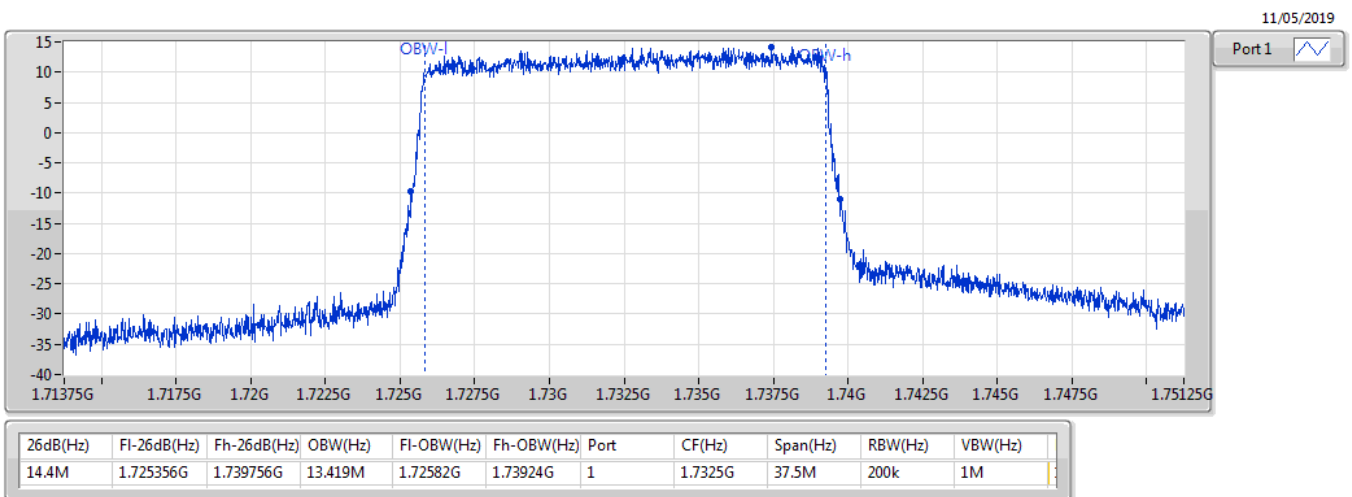
**Band 4\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**1752.5MHz\_QPSK\_RB 25,#RB 0**

**Band 4\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**1712.5MHz\_16QAM\_RB 25,#RB 0**


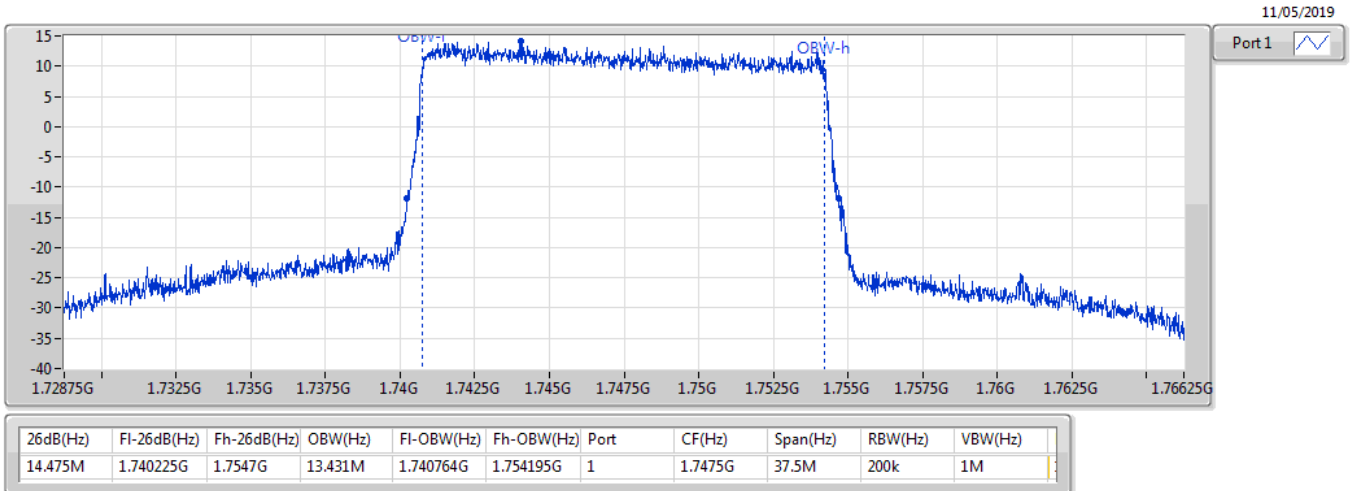
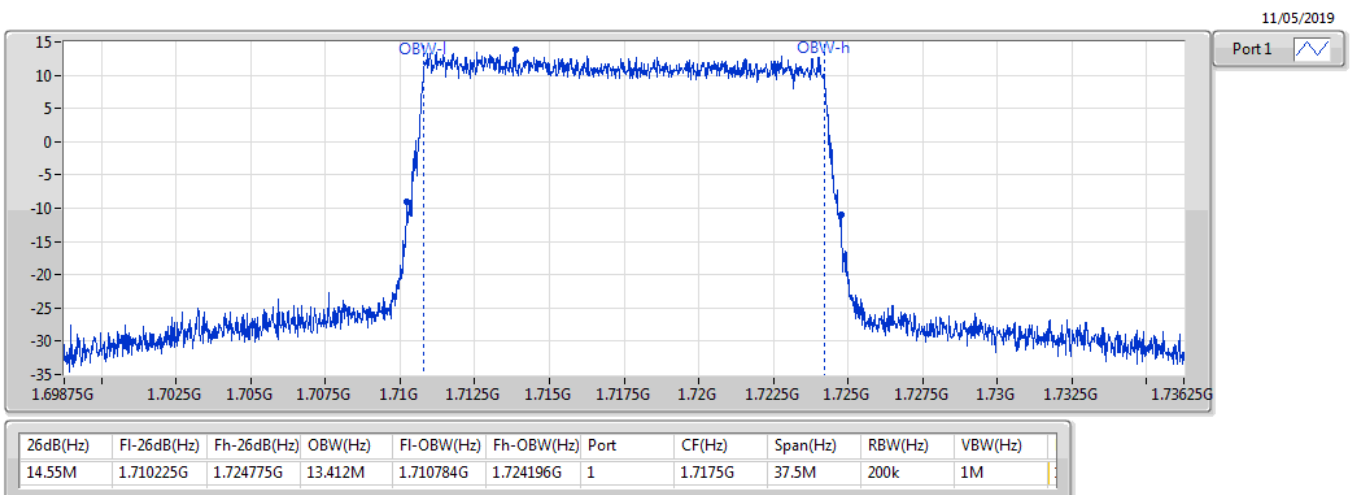
**Band 4\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 25,#RB 0**
**EBW**

**Band 4\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**1752.5MHz\_16QAM\_RB 25,#RB 0**
**EBW**


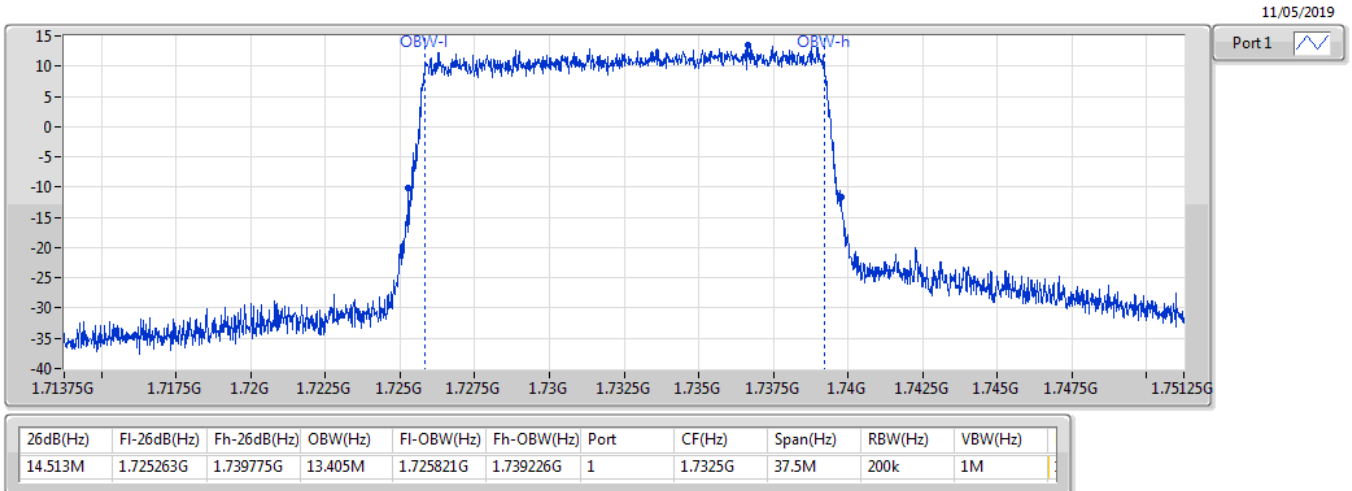
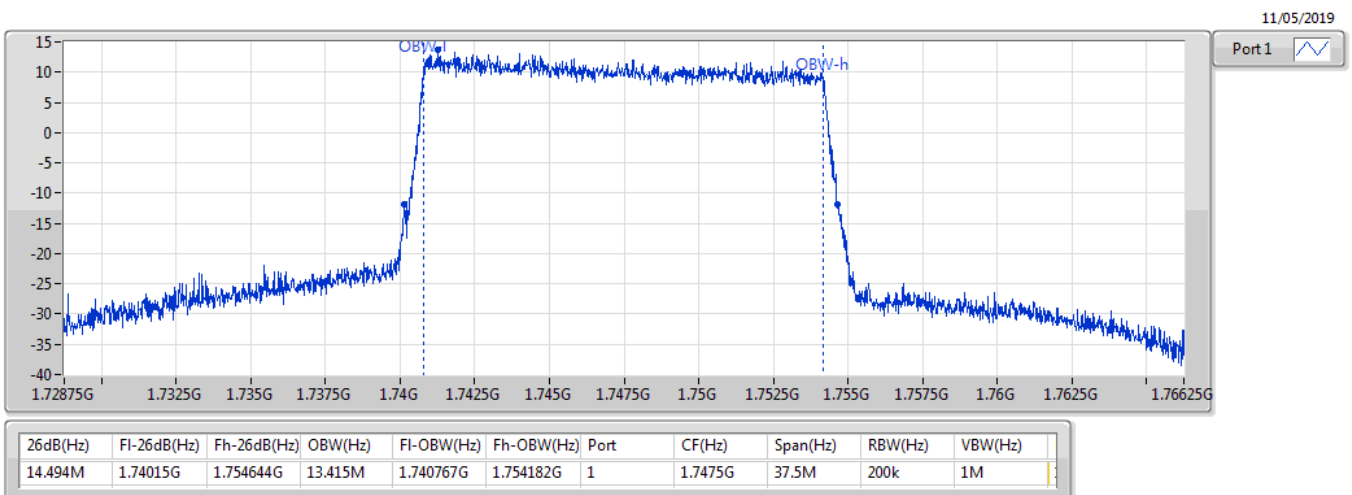
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1715MHz\_QPSK\_RB 50,#RB 0**
**EBW**

**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**1732.5MHz\_QPSK\_RB 50,#RB 0**
**EBW**


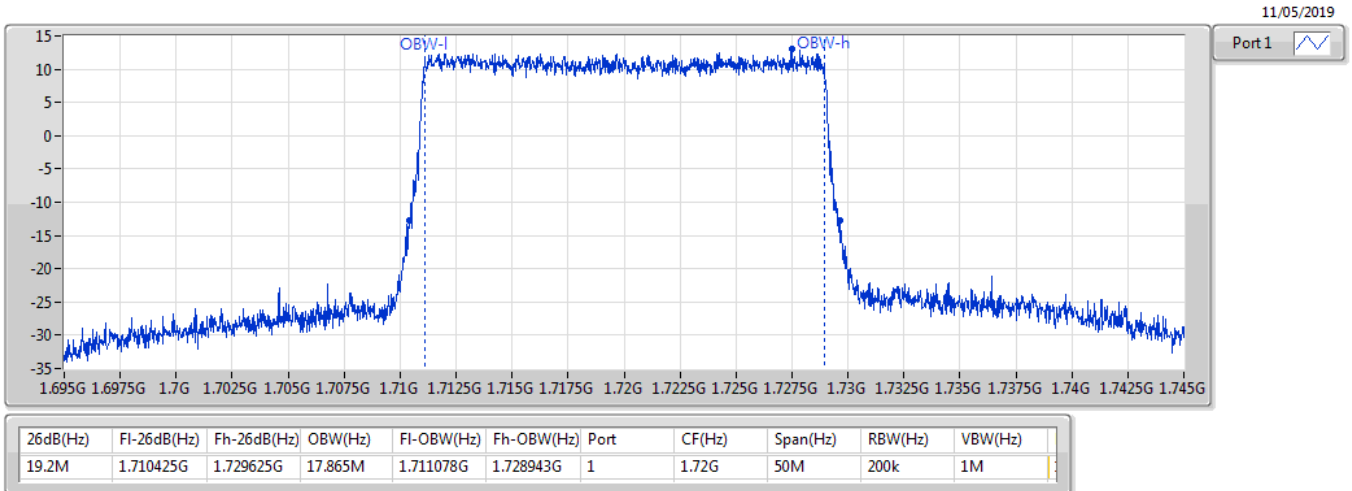
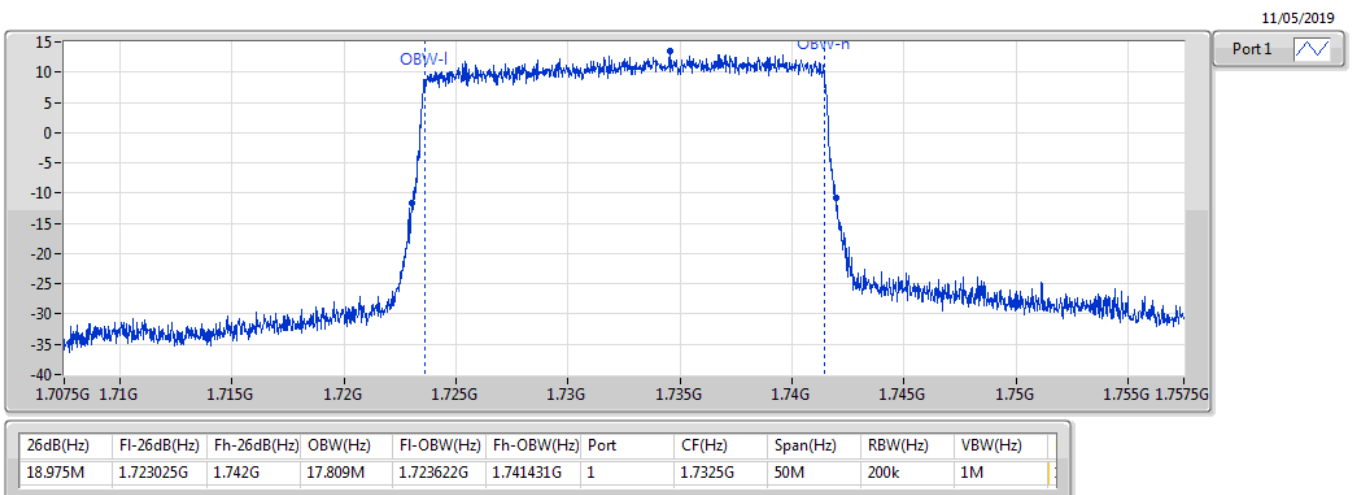
**Band 4\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**1750MHz\_QPSK\_RB 50,#RB 0**

**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**1715MHz\_16QAM\_RB 50,#RB 0**


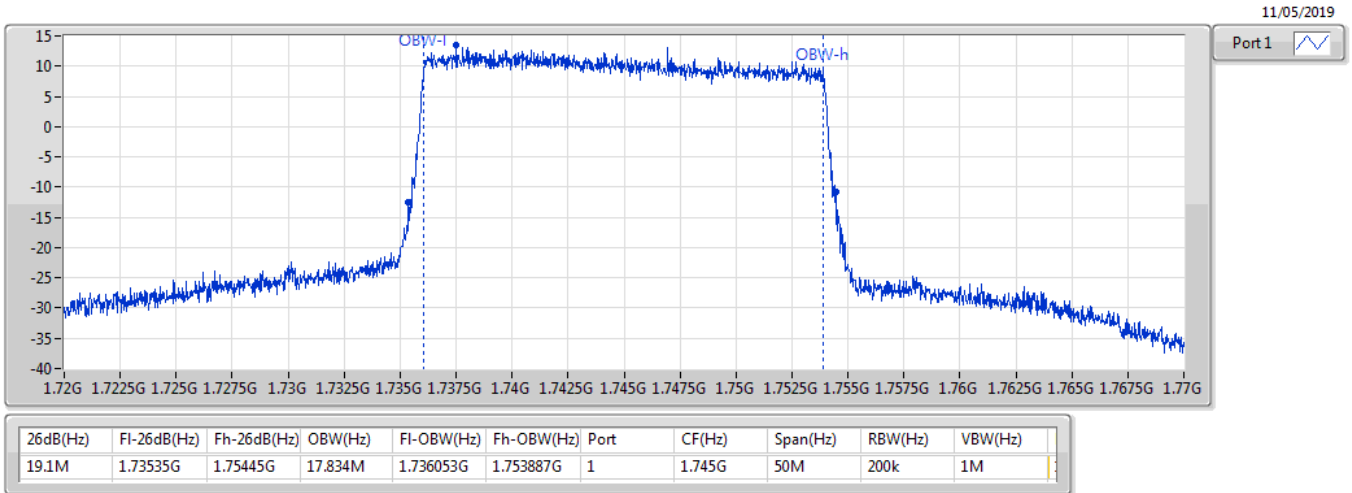
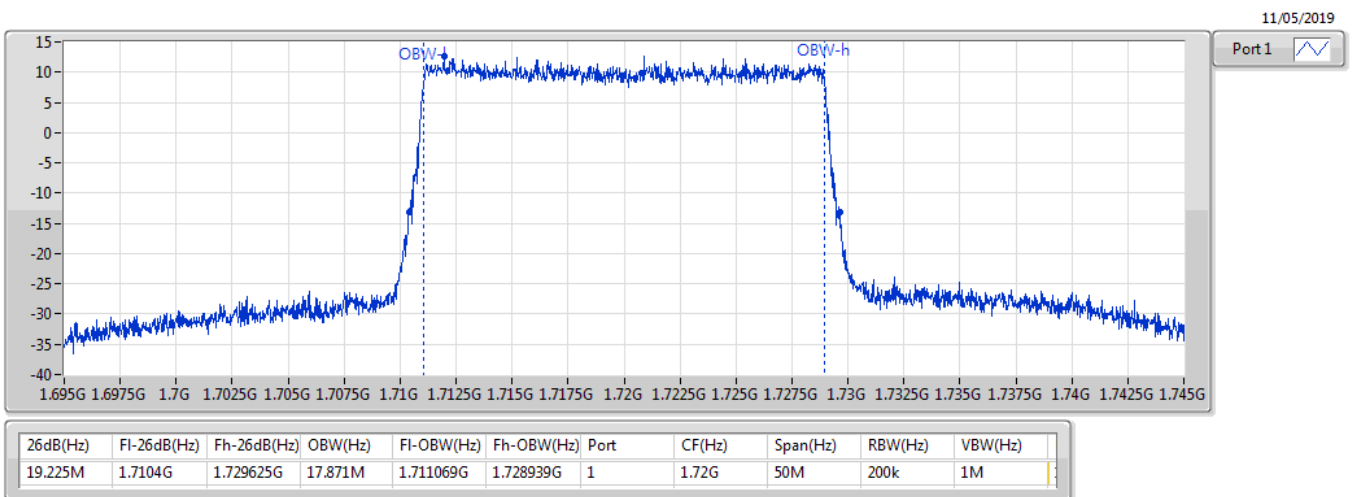
**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**1732.5MHz\_16QAM\_RB 50,#RB 0**

**Band 4\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**1750MHz\_16QAM\_RB 50,#RB 0**


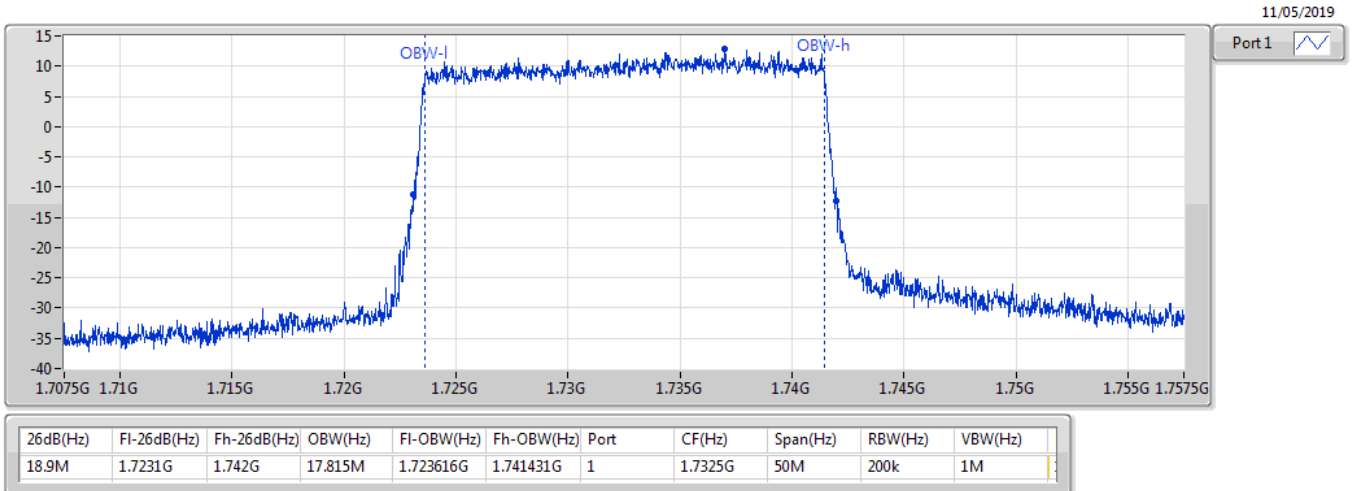
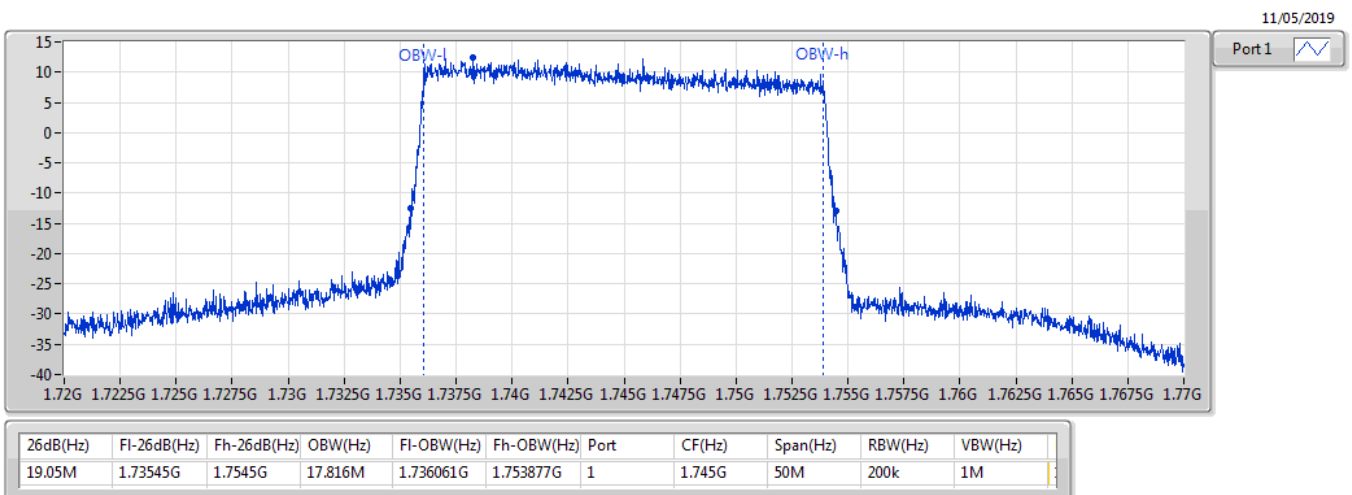
**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**
**EBW**
**1717.5MHz\_QPSK\_RB 75,#RB 0**

**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**
**EBW**
**1732.5MHz\_QPSK\_RB 75,#RB 0**


**Band 4\_LTE\_15MHz\_Nss1,QPSK\_1TX**
**EBW**
**1747.5MHz\_QPSK\_RB 75,#RB 0**

**Band 4\_LTE\_15MHz\_Nss1,16QAM\_1TX**
**EBW**
**1717.5MHz\_16QAM\_RB 75,#RB 0**


**Band 4\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1732.5MHz\_16QAM\_RB 75,#RB 0**
**EBW**

**Band 4\_LTE\_15MHz\_Nss1,16QAM\_1TX**  
**1747.5MHz\_16QAM\_RB 75,#RB 0**
**EBW**


**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**
**EBW**
**1720MHz\_QPSK\_RB 100,#RB 0**

**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**
**EBW**
**1732.5MHz\_QPSK\_RB 100,#RB 0**


**Band 4\_LTE\_20MHz\_Nss1,QPSK\_1TX**
**EBW**
**1745MHz\_QPSK\_RB 100,#RB 0**

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**
**EBW**
**1720MHz\_16QAM\_RB 100,#RB 0**


**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**
**EBW**
**1732.5MHz\_16QAM\_RB 100,#RB 0**

**Band 4\_LTE\_20MHz\_Nss1,16QAM\_1TX**
**EBW**
**1745MHz\_16QAM\_RB 100,#RB 0**


**<Mode 6> EUT 2 + LTE Band 5 Link****Summary**

| Mode                      | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 5                    | -               | -               | -        | -               | -               |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 1.209M          | 1.081M          | 1M08G7D  | 1.209M          | 1.081M          |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.209M          | 1.081M          | 1M08W7D  | 1.209M          | 1.081M          |
| LTE_3MHz_Nss1,QPSK_1TX    | 2.929M          | 2.679M          | 2M68G7D  | 2.895M          | 2.677M          |
| LTE_3MHz_Nss1,16QAM_1TX   | 2.918M          | 2.677M          | 2M68W7D  | 2.899M          | 2.674M          |
| LTE_5MHz_Nss1,QPSK_1TX    | 4.9M            | 4.471M          | 4M47G7D  | 4.888M          | 4.456M          |
| LTE_5MHz_Nss1,16QAM_1TX   | 4.881M          | 4.465M          | 4M47W7D  | 4.838M          | 4.461M          |
| LTE_10MHz_Nss1,QPSK_1TX   | 9.588M          | 8.929M          | 8M93G7D  | 9.55M           | 8.913M          |
| LTE_10MHz_Nss1,16QAM_1TX  | 9.588M          | 8.917M          | 8M92W7D  | 9.55M           | 8.899M          |

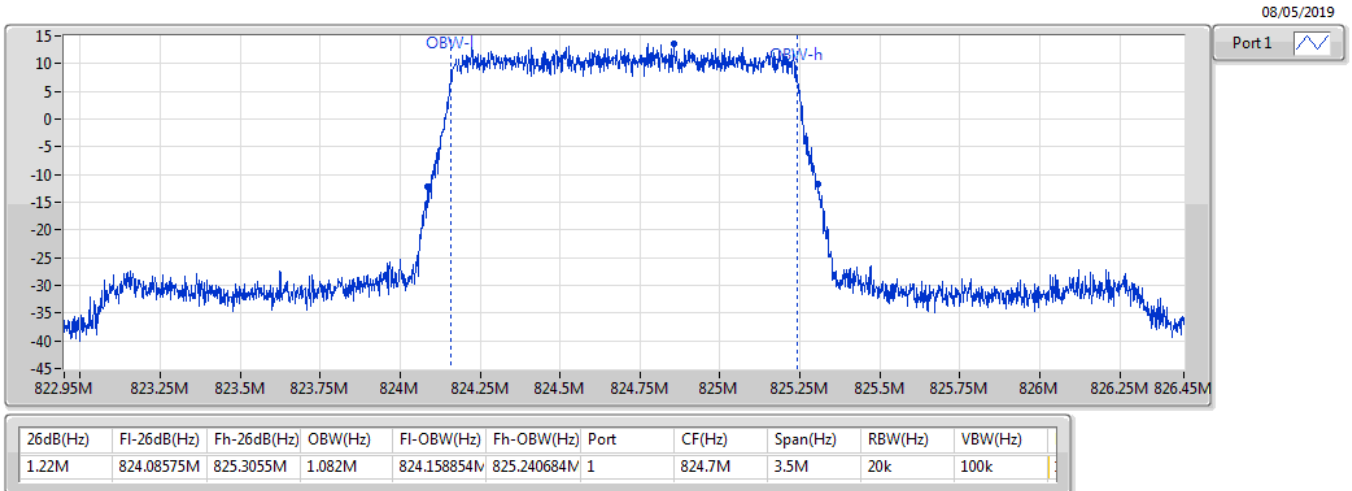
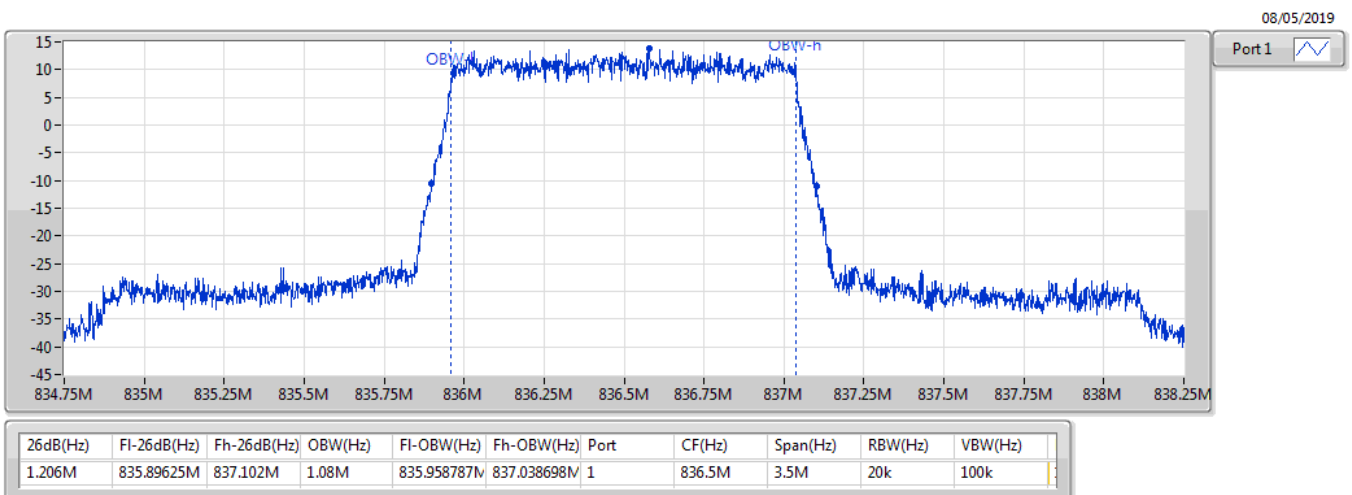
**Max-N dB** = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

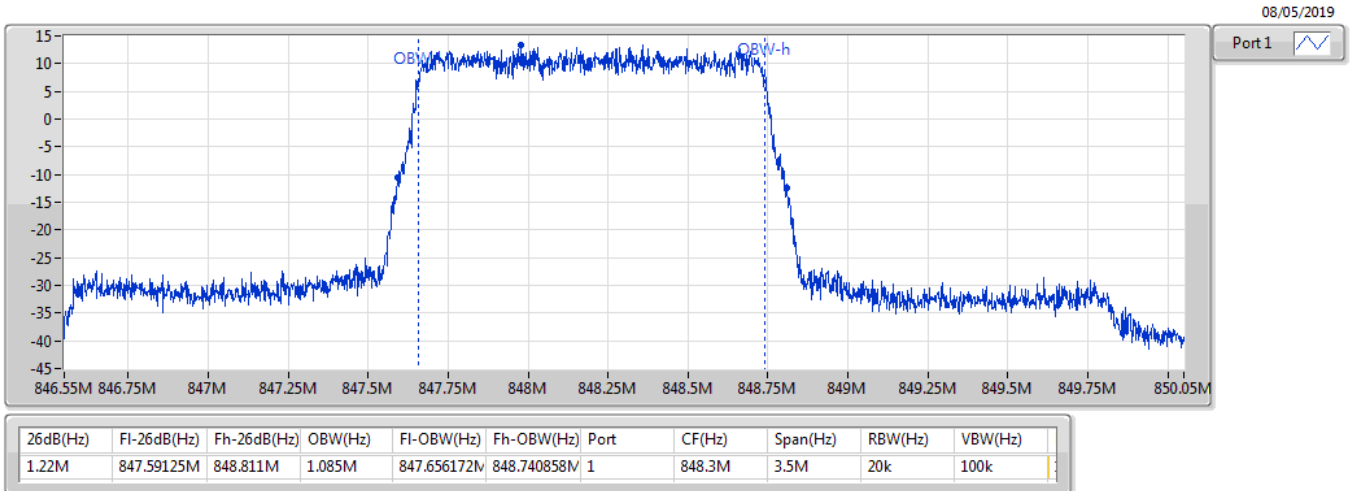
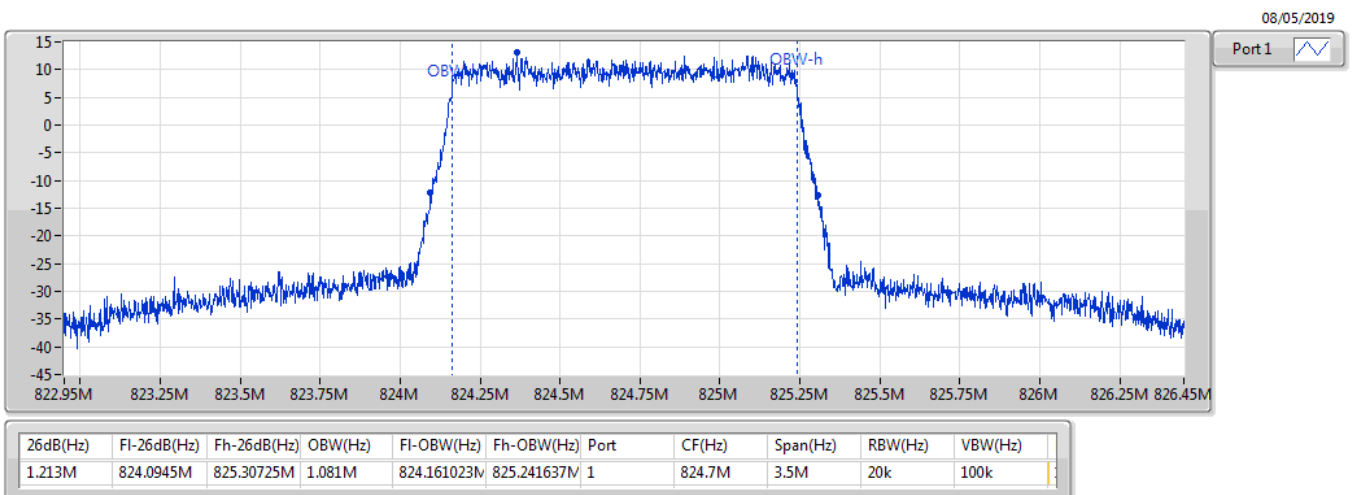
**Min-N dB** = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

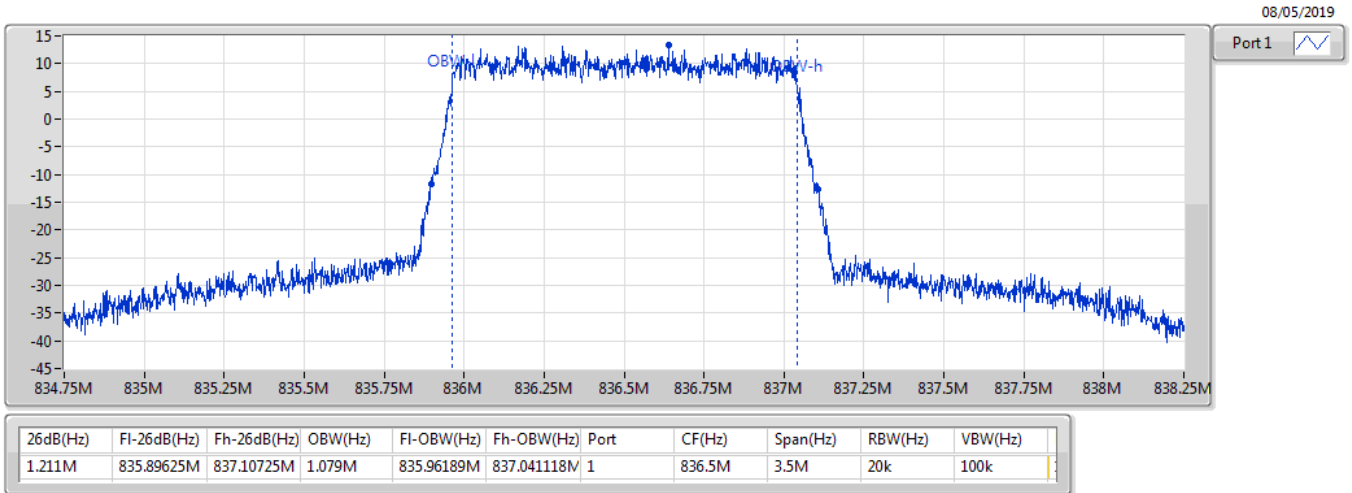
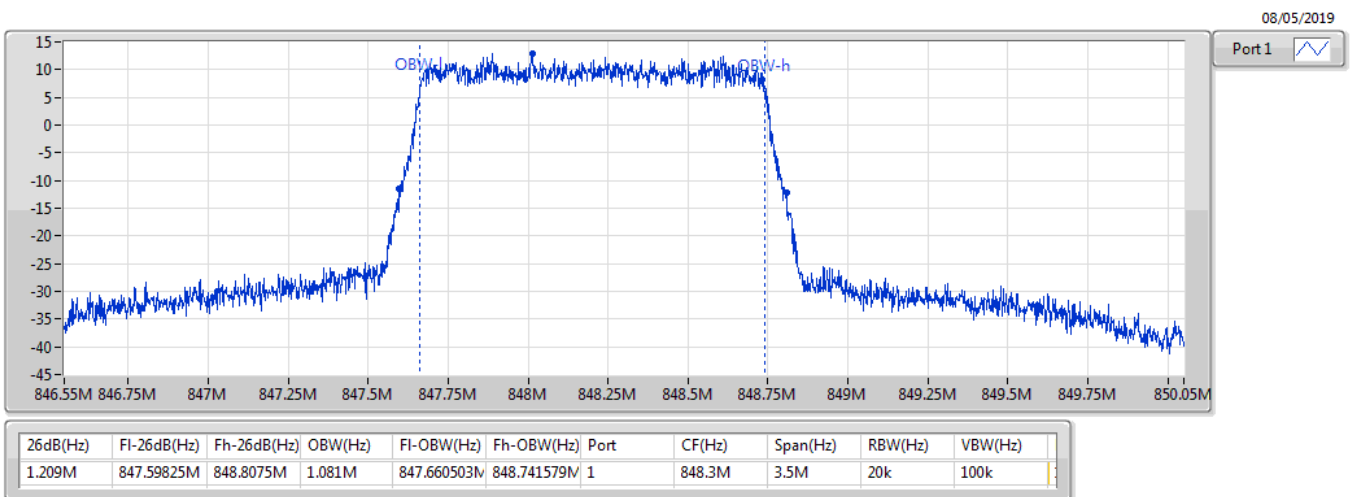
**Result**

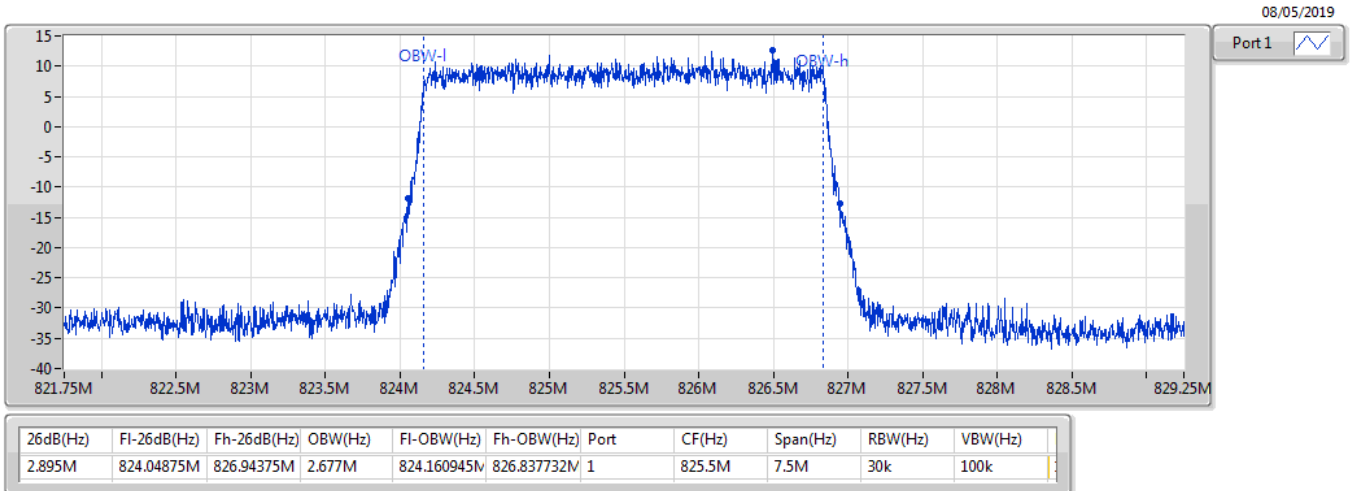
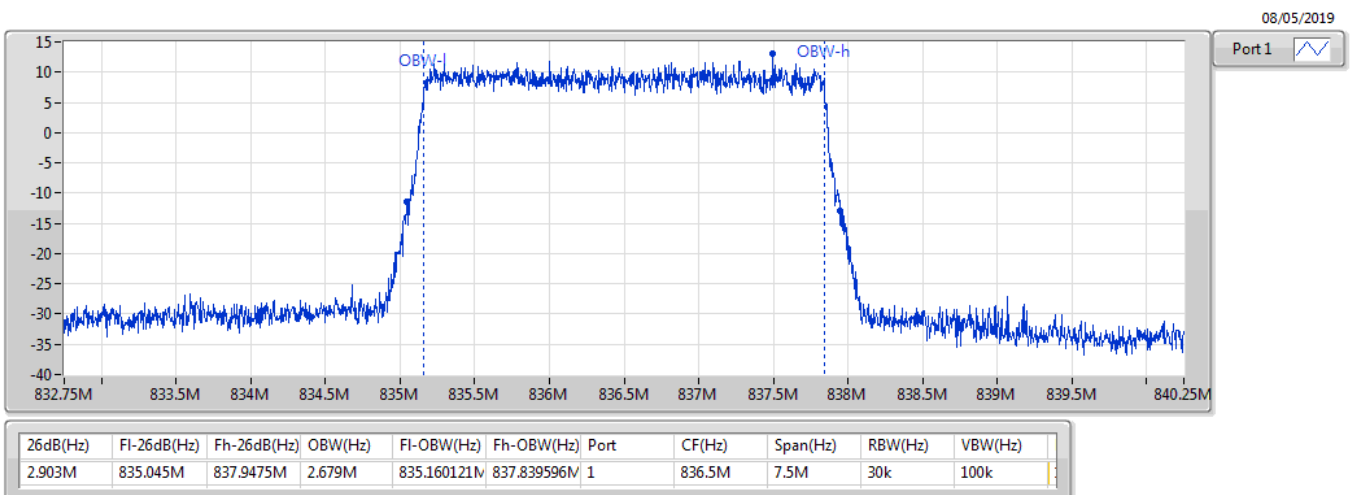
| Mode                             | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------------|--------|---------------|--------------------|--------------------|
| Band 5_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -                  | -                  |
| 824.7MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| 836.5MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| 848.3MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| Band 5_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 824.7MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| 836.5MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| 848.3MHz_RB 6,#RB 0              | Pass   | Inf           | 1.209M             | 1.081M             |
| Band 5_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 825.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.895M             | 2.677M             |
| 836.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.903M             | 2.679M             |
| 847.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.929M             | 2.679M             |
| Band 5_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 825.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.918M             | 2.677M             |
| 836.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.899M             | 2.674M             |
| 847.5MHz_RB 15,#RB 0             | Pass   | Inf           | 2.918M             | 2.677M             |
| Band 5_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 826.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.888M             | 4.456M             |
| 836.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.9M               | 4.471M             |
| 846.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.888M             | 4.461M             |
| Band 5_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 826.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.863M             | 4.464M             |
| 836.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.881M             | 4.465M             |
| 846.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.838M             | 4.461M             |
| Band 5_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 829MHz_RB 50,#RB 0               | Pass   | Inf           | 9.55M              | 8.916M             |
| 836.5MHz_RB 50,#RB 0             | Pass   | Inf           | 9.588M             | 8.929M             |
| 844MHz_RB 50,#RB 0               | Pass   | Inf           | 9.588M             | 8.913M             |
| Band 5_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 829MHz_RB 50,#RB 0               | Pass   | Inf           | 9.588M             | 8.899M             |
| 836.5MHz_RB 50,#RB 0             | Pass   | Inf           | 9.575M             | 8.914M             |
| 844MHz_RB 50,#RB 0               | Pass   | Inf           | 9.55M              | 8.917M             |

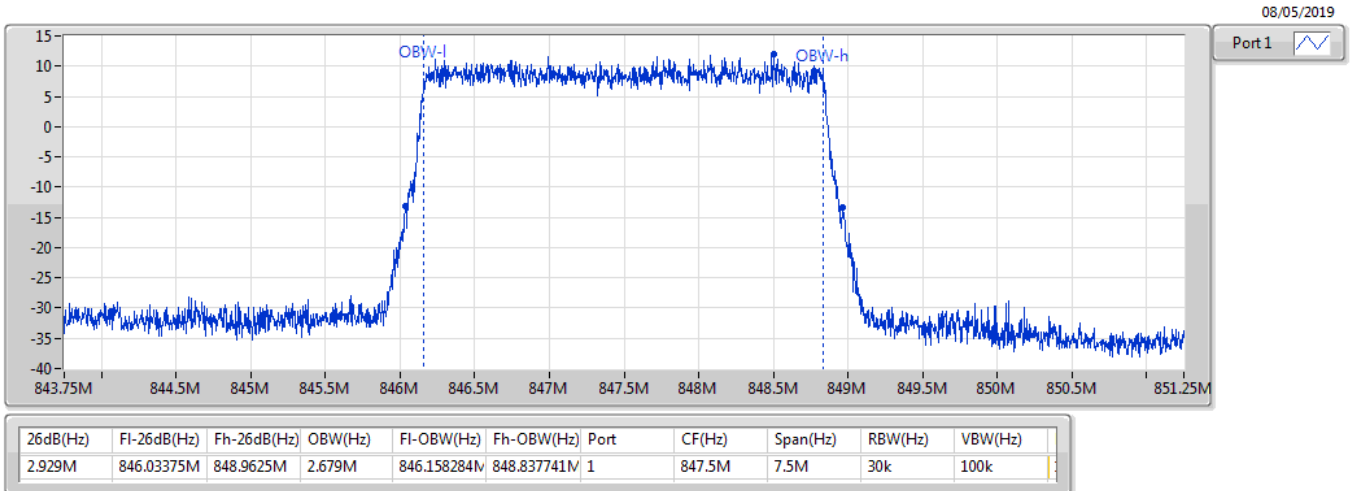
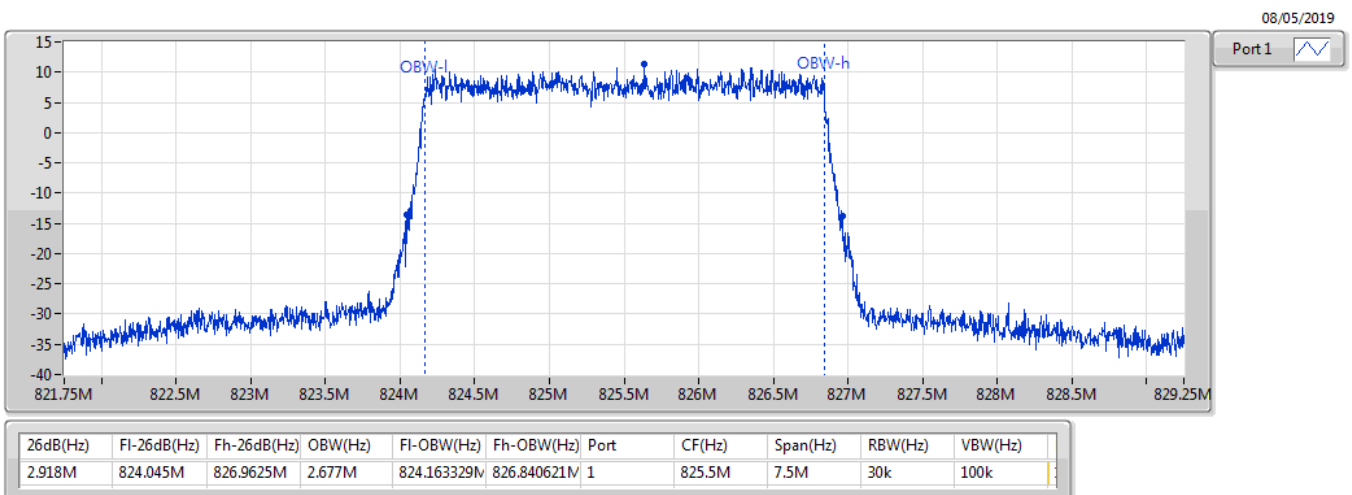
**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

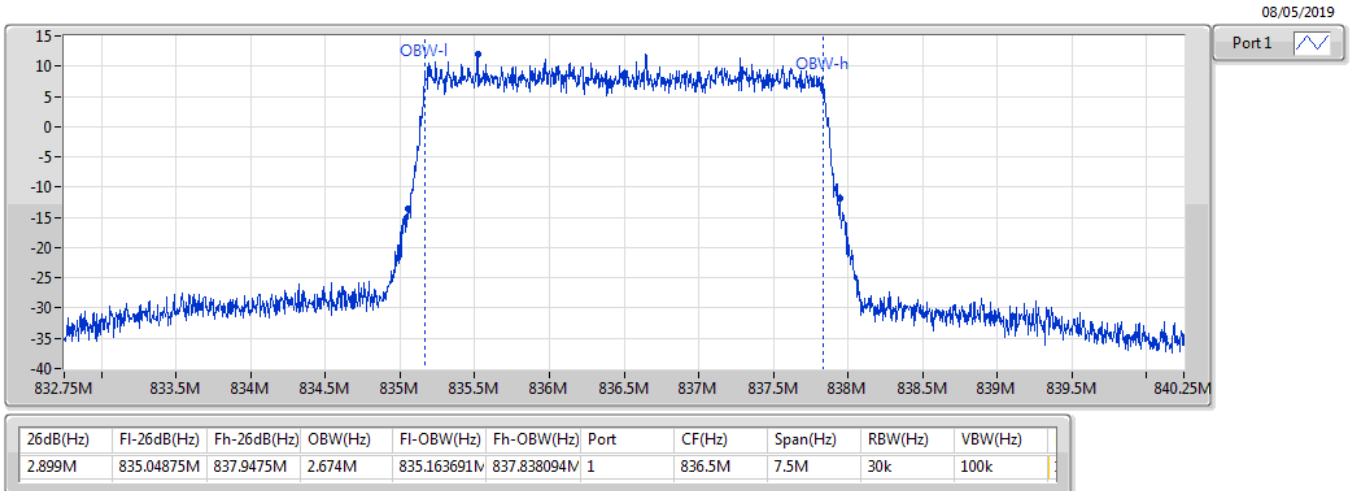
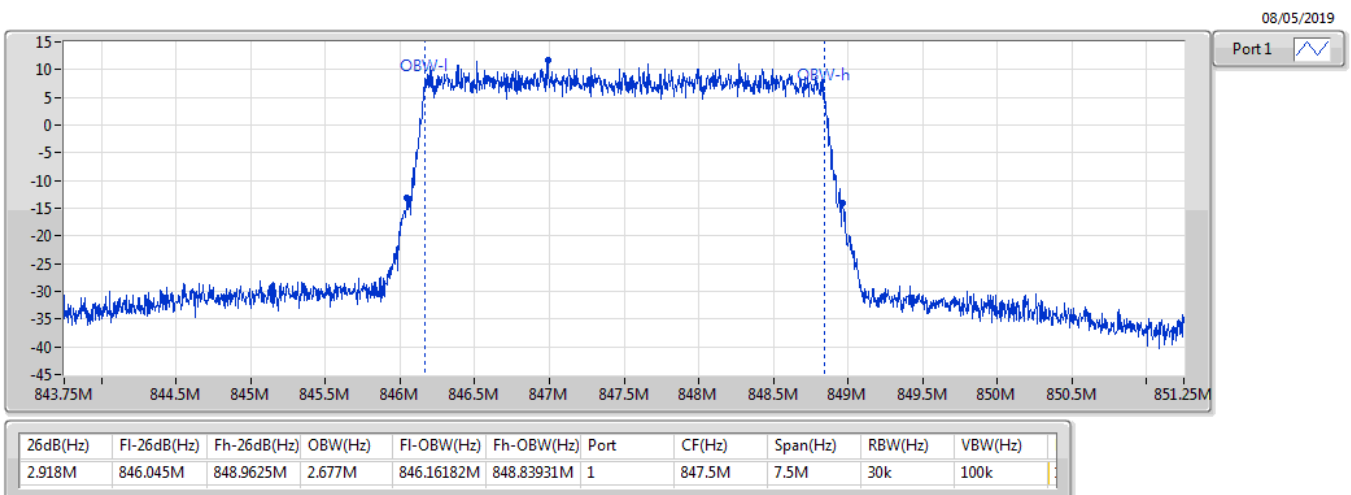
**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**824.7MHz\_QPSK\_RB 6,#RB 0**
**EBW**

**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0**
**EBW**


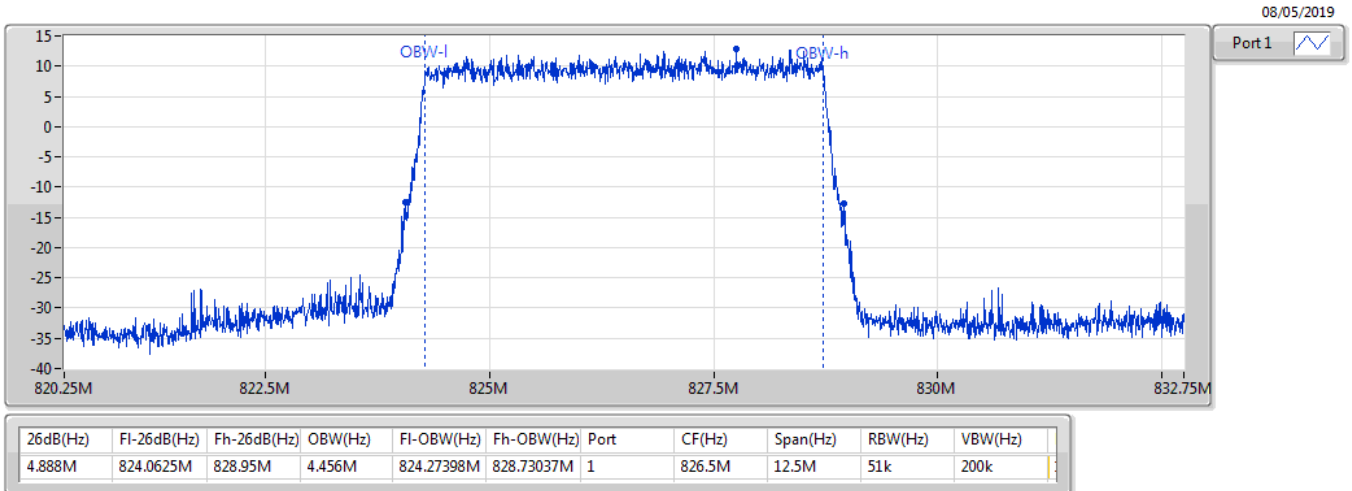
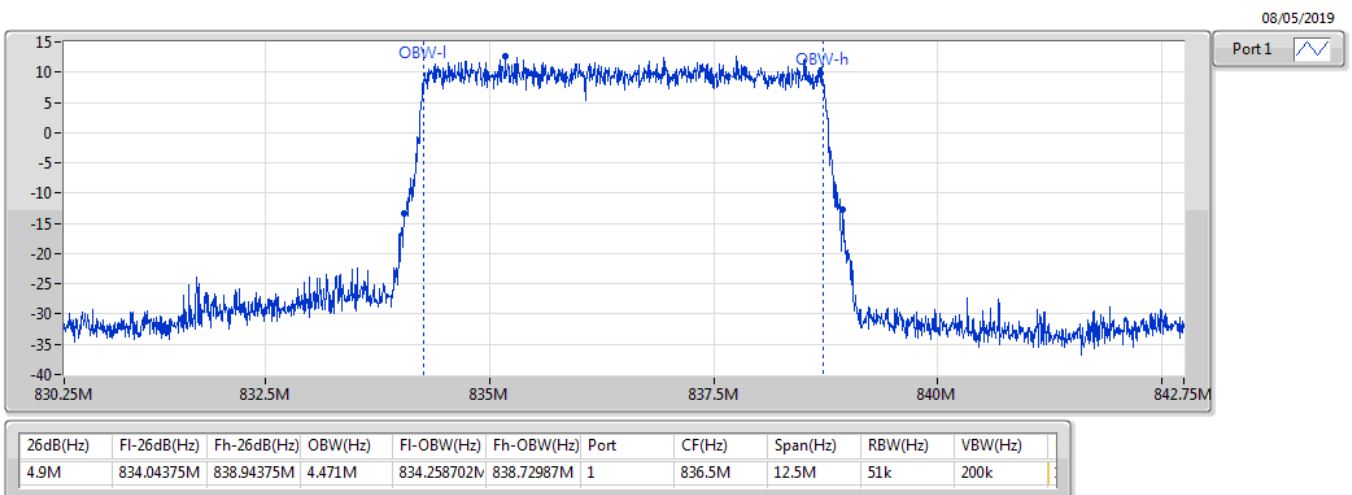
**Band 5\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**848.3MHz\_QPSK\_RB 6,#RB 0**
**EBW**

**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**  
**824.7MHz\_16QAM\_RB 6,#RB 0**
**EBW**


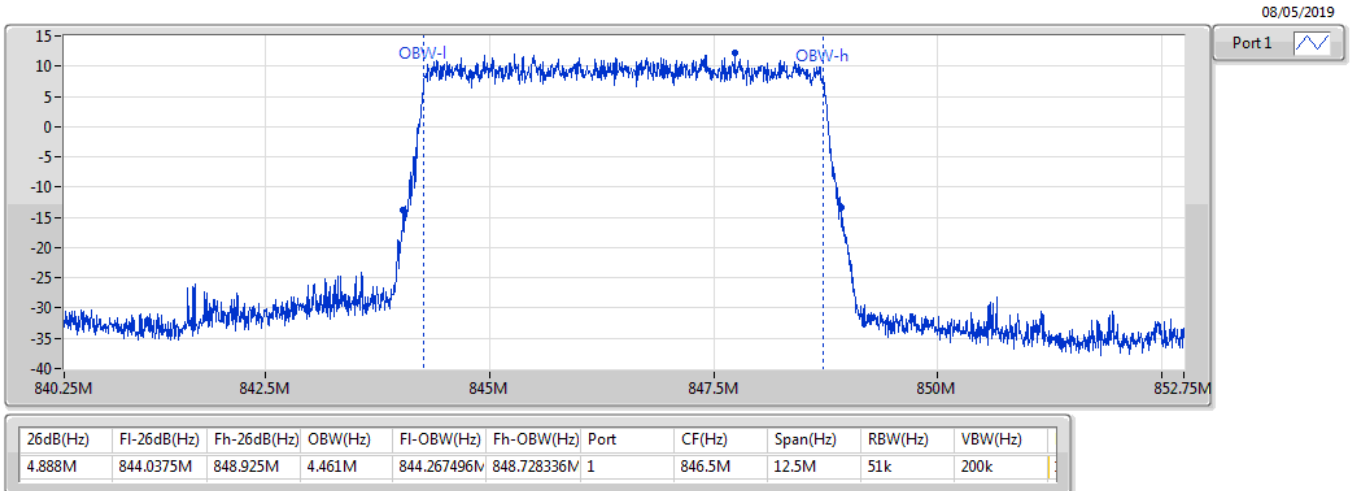
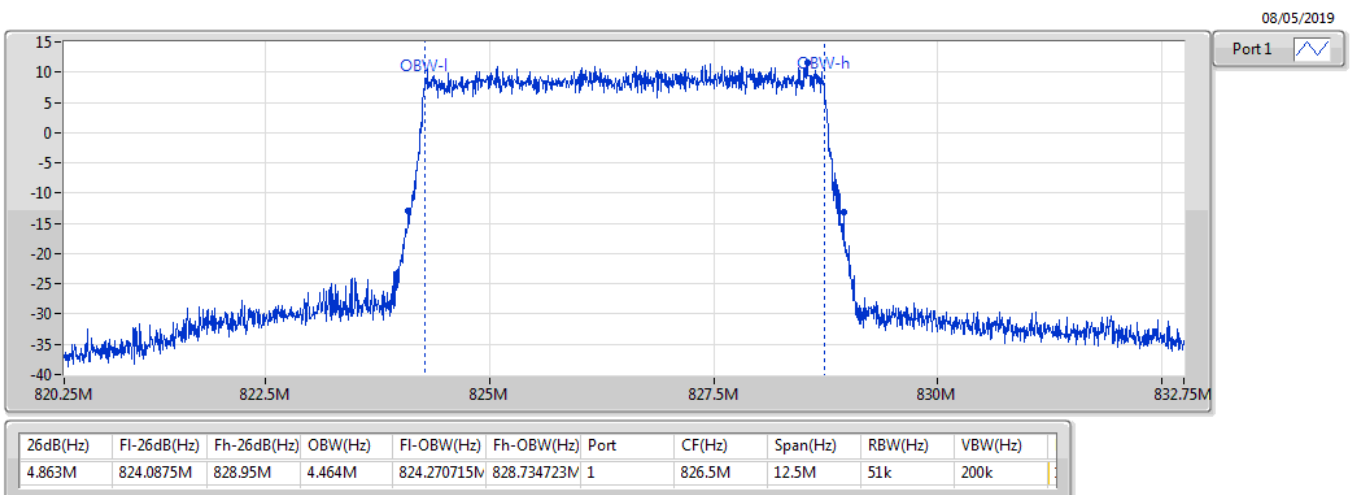
**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**836.5MHz\_16QAM\_RB 6,#RB 0**

**Band 5\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**848.3MHz\_16QAM\_RB 6,#RB 0**


**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**825.5MHz\_QPSK\_RB 15,#RB 0**

**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**836.5MHz\_QPSK\_RB 15,#RB 0**


**Band 5\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**847.5MHz\_QPSK\_RB 15,#RB 0**

**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**825.5MHz\_16QAM\_RB 15,#RB 0**


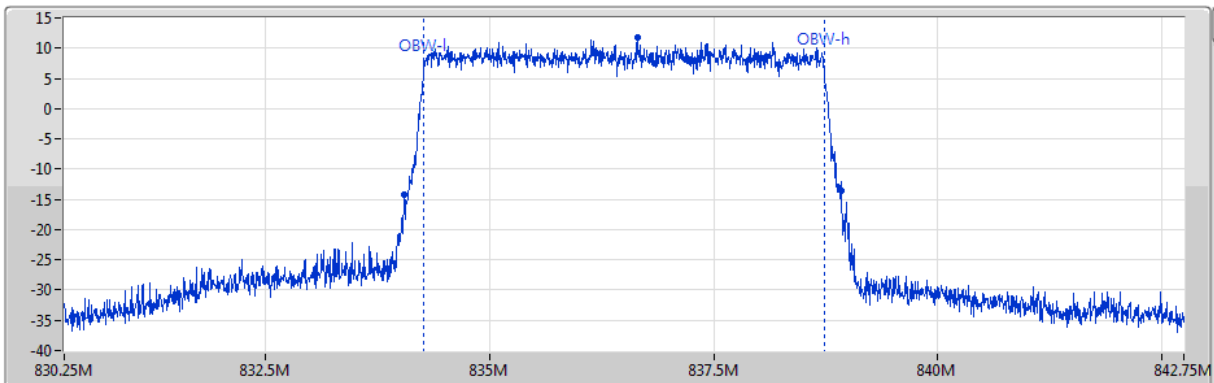
**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**836.5MHz\_16QAM\_RB 15,#RB 0**

**Band 5\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**847.5MHz\_16QAM\_RB 15,#RB 0**


**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**826.5MHz\_QPSK\_RB 25,#RB 0**

**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**836.5MHz\_QPSK\_RB 25,#RB 0**


**Band 5\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**846.5MHz\_QPSK\_RB 25,#RB 0**

**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**826.5MHz\_16QAM\_RB 25,#RB 0**


**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**836.5MHz\_16QAM\_RB 25,#RB 0**

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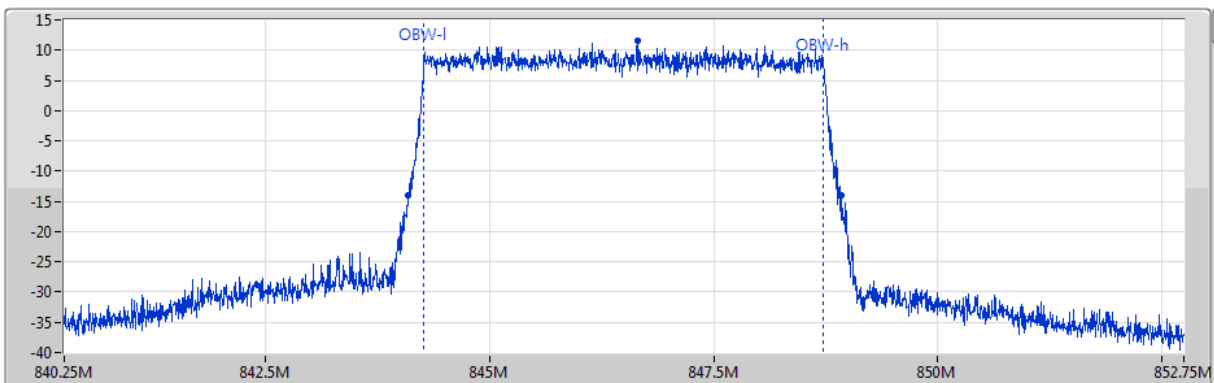


Port 1

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz)  | Fh-OBW(Hz)  | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.881M   | 834.05M     | 838.93125M  | 4.465M  | 834.266536M | 838.731185M | 1    | 836.5M | 12.5M    | 51k     | 200k    |

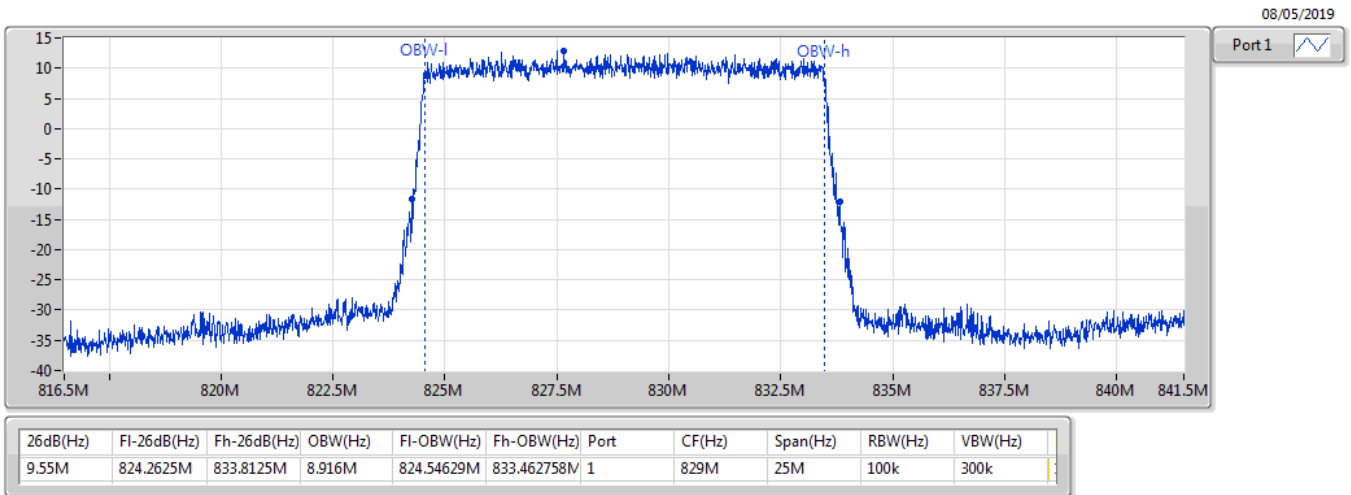
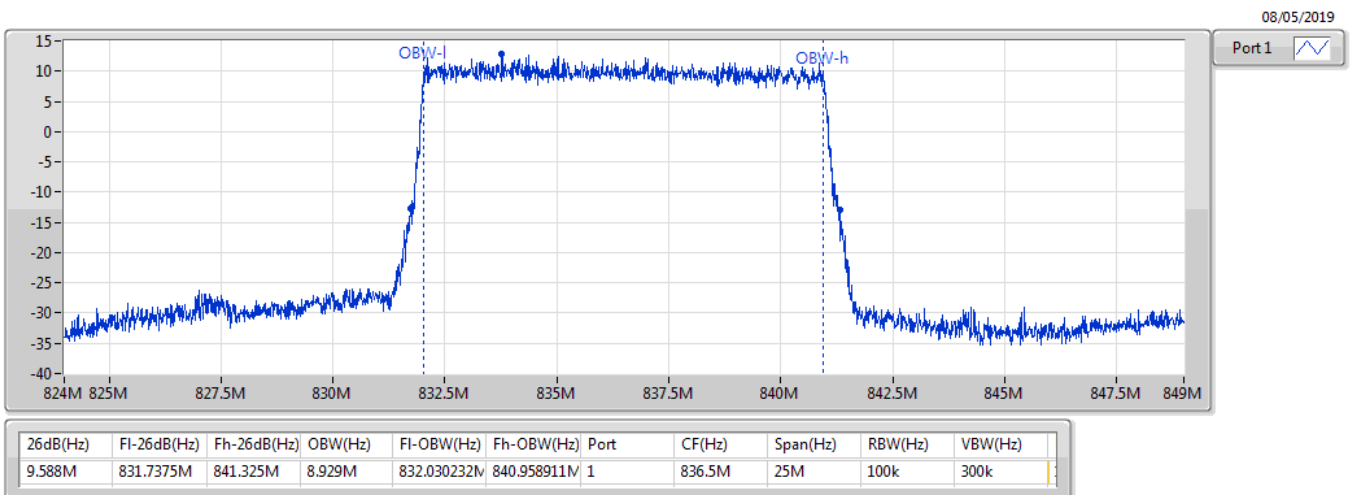
**Band 5\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**846.5MHz\_16QAM\_RB 25,#RB 0**

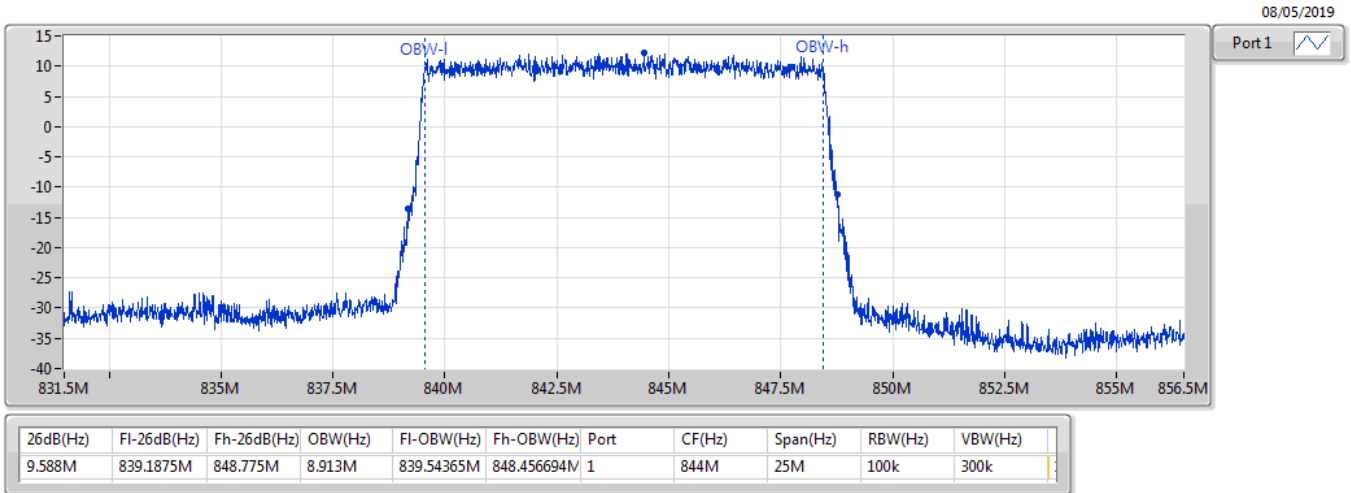
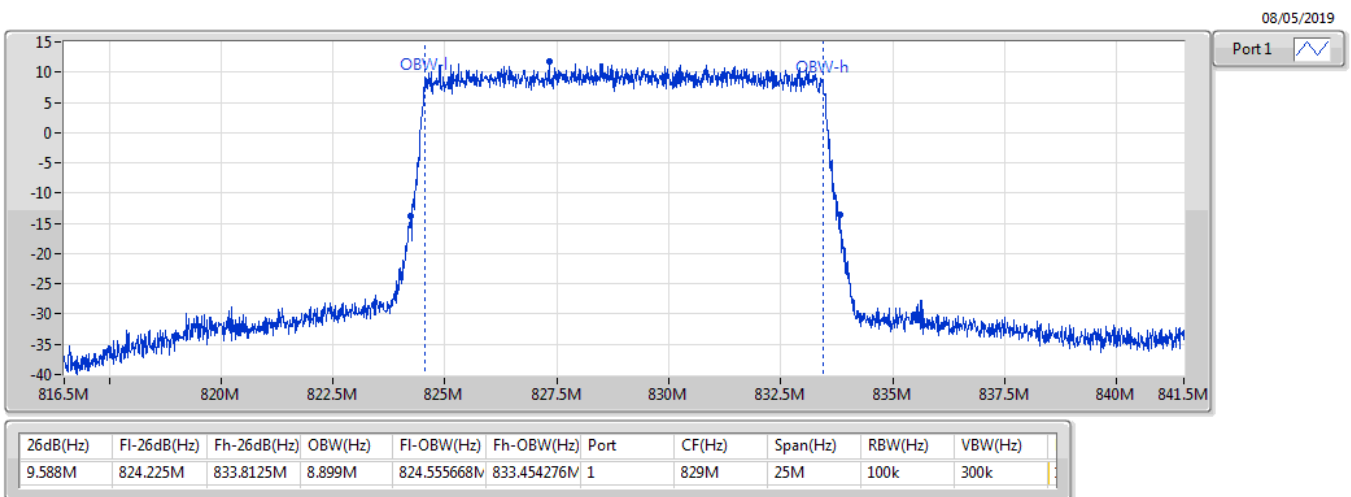
08/05/2019

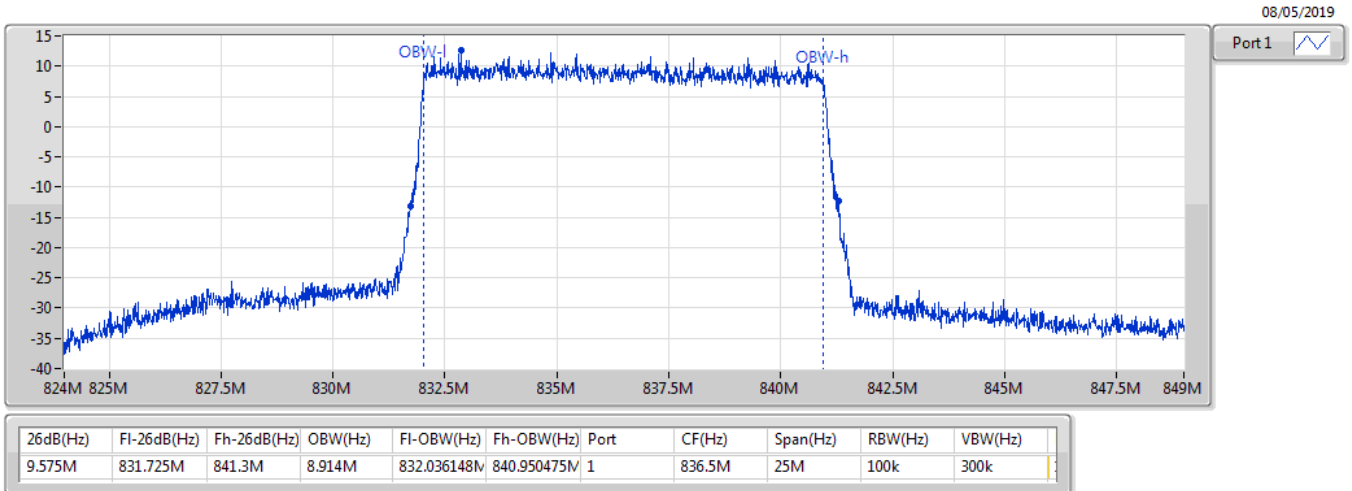
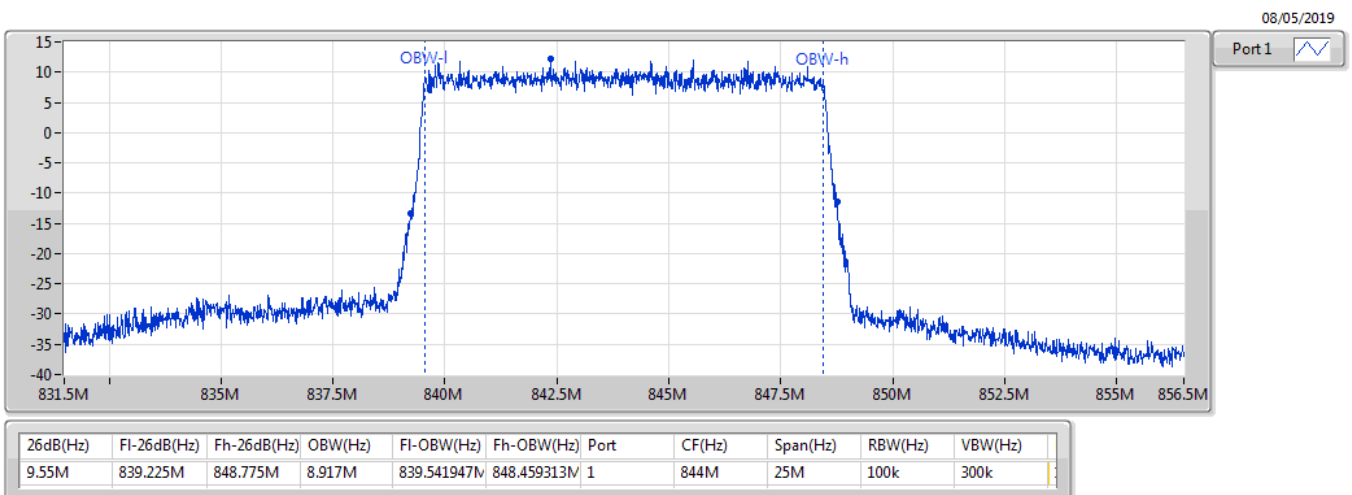


Port 1

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz)  | Fh-OBW(Hz)  | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.838M   | 844.09375M  | 848.93125M  | 4.461M  | 844.267236M | 848.728412M | 1    | 846.5M | 12.5M    | 51k     | 200k    |

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**829MHz\_QPSK\_RB 50,#RB 0**

**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**836.5MHz\_QPSK\_RB 50,#RB 0**


**Band 5\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**844MHz\_QPSK\_RB 50,#RB 0**
**EBW**

**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 50,#RB 0**
**EBW**


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

**Band 5\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**844MHz\_16QAM\_RB 50,#RB 0**


**<Mode 7> EUT 2 + LTE Band 12 Link****Summary**

| Mode                      | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 12                   | -               | -               | -        | -               | -               |
| LTE_1.4MHz_Nss1,QPSK_1TX  | 1.229M          | 1.083M          | 1M08G7D  | 1.222M          | 1.082M          |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.22M           | 1.083M          | 1M08W7D  | 1.211M          | 1.083M          |
| LTE_3MHz_Nss1,QPSK_1TX    | 2.951M          | 2.684M          | 2M68G7D  | 2.91M           | 2.674M          |
| LTE_3MHz_Nss1,16QAM_1TX   | 2.921M          | 2.681M          | 2M68W7D  | 2.921M          | 2.677M          |
| LTE_5MHz_Nss1,QPSK_1TX    | 4.919M          | 4.474M          | 4M47G7D  | 4.844M          | 4.461M          |
| LTE_5MHz_Nss1,16QAM_1TX   | 4.919M          | 4.464M          | 4M46W7D  | 4.863M          | 4.46M           |
| LTE_10MHz_Nss1,QPSK_1TX   | 9.6M            | 8.932M          | 8M93G7D  | 9.513M          | 8.905M          |
| LTE_10MHz_Nss1,16QAM_1TX  | 9.55M           | 8.915M          | 8M92W7D  | 9.538M          | 8.888M          |

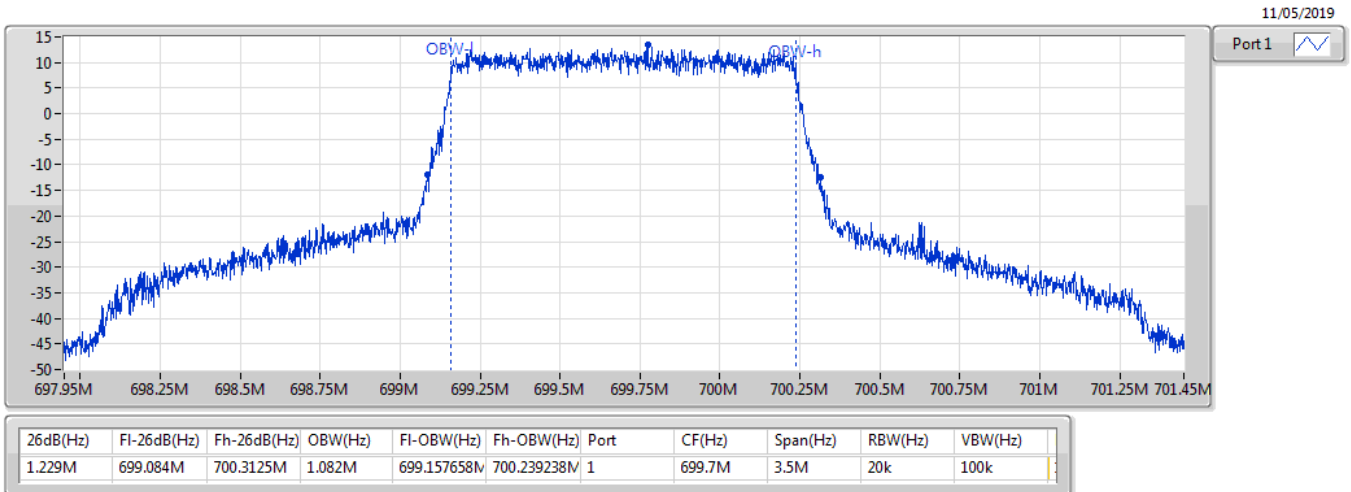
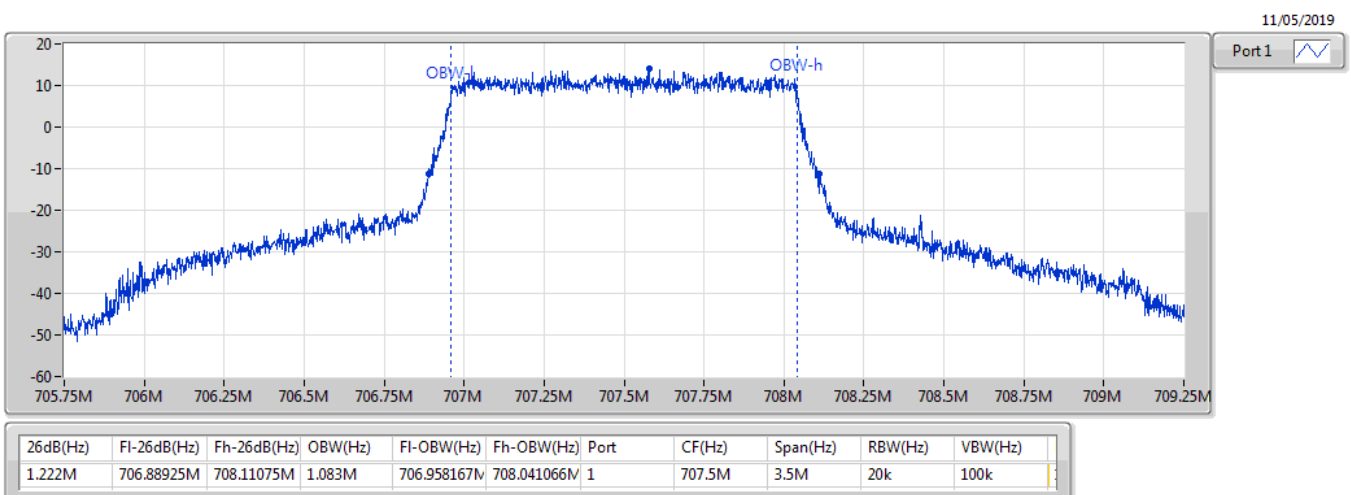
**Max-N dB** = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

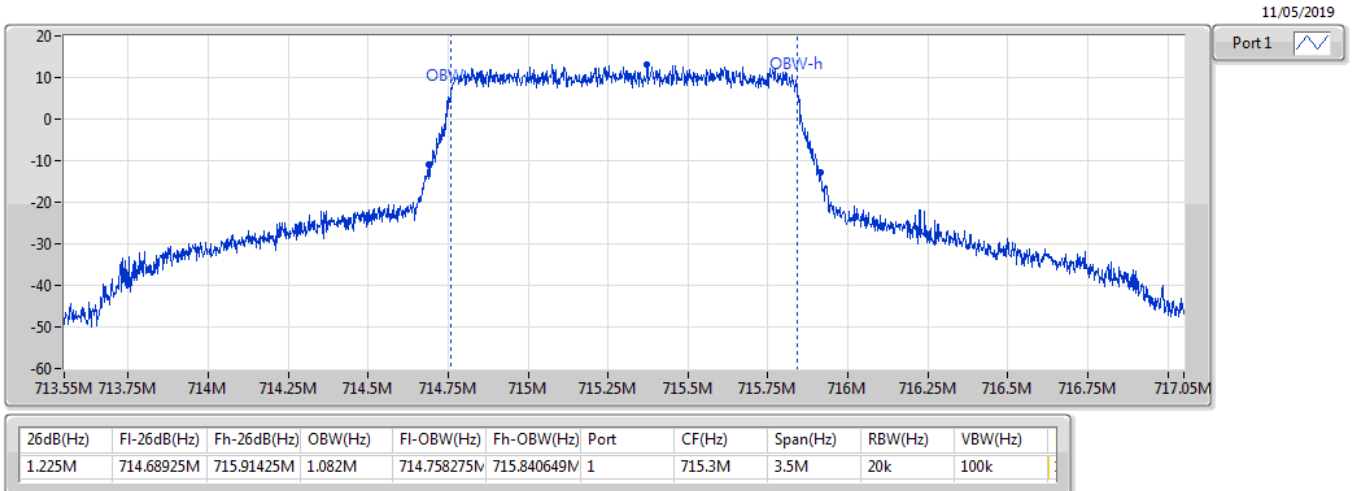
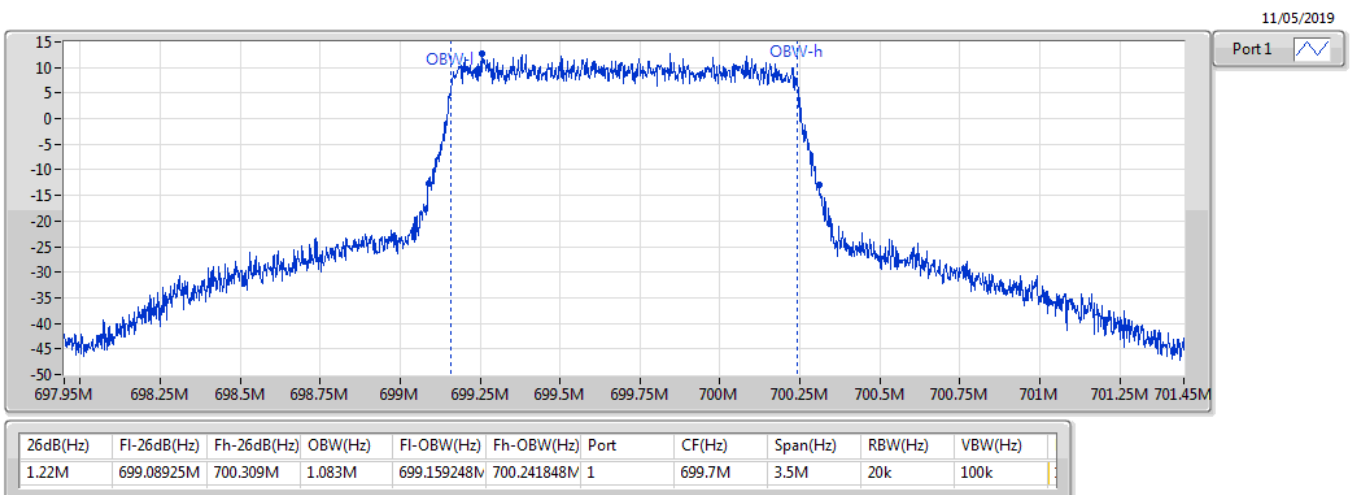
**Min-N dB** = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

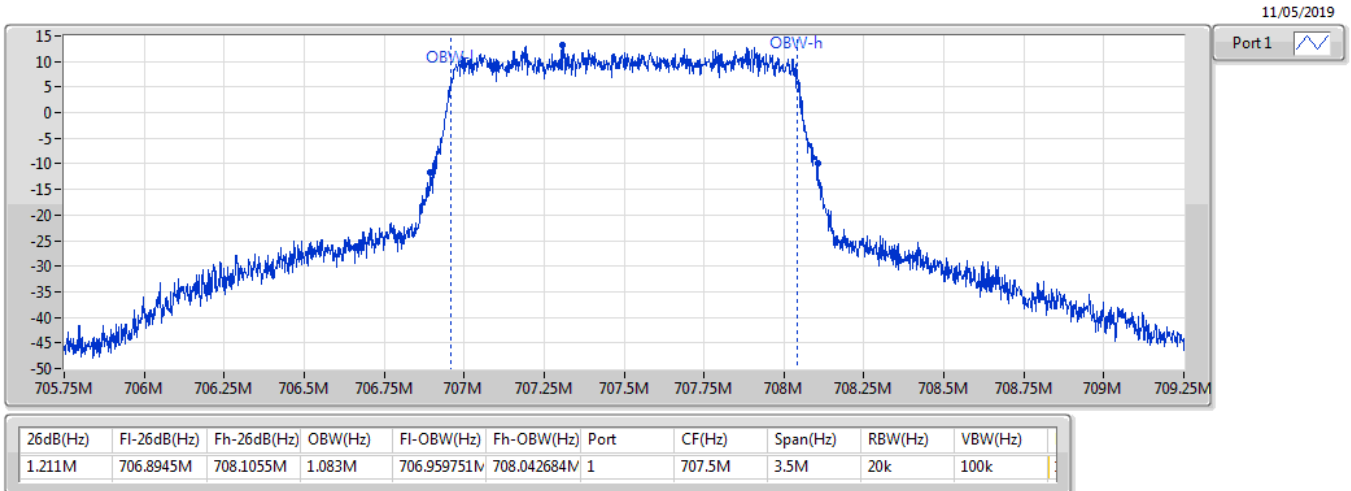
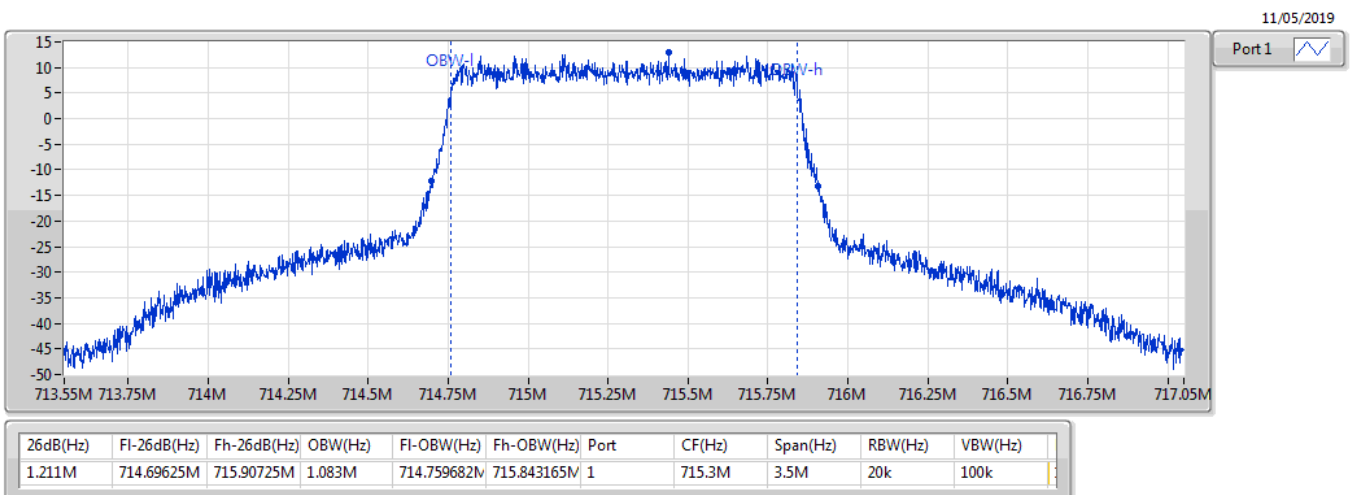
**Result**

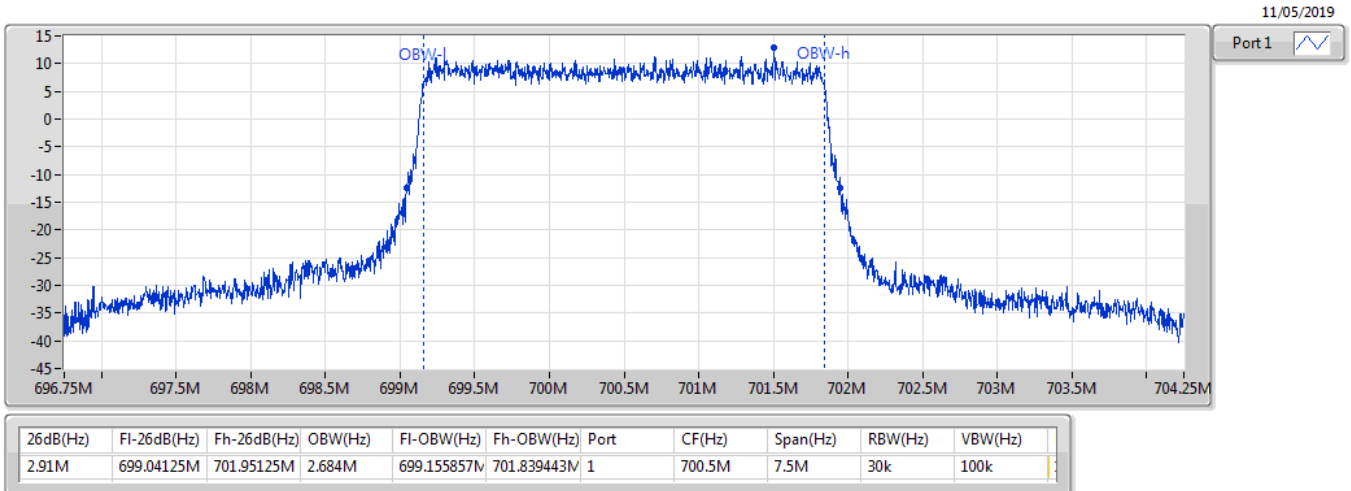
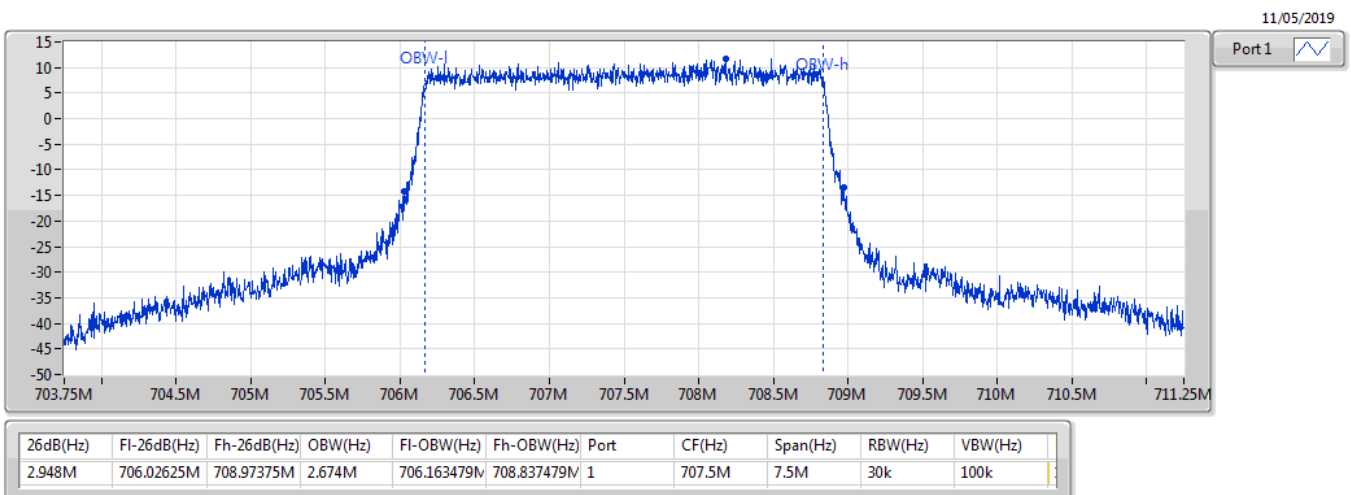
| Mode                              | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|-----------------------------------|--------|---------------|--------------------|--------------------|
| Band 12_LTE_1.4MHz_Nss1,QPSK_1TX  | -      | -             | -                  | -                  |
| 699.7MHz_RB 6,#RB 0               | Pass   | Inf           | 1.229M             | 1.082M             |
| 707.5MHz_RB 6,#RB 0               | Pass   | Inf           | 1.222M             | 1.083M             |
| 715.3MHz_RB 6,#RB 0               | Pass   | Inf           | 1.225M             | 1.082M             |
| Band 12_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 699.7MHz_RB 6,#RB 0               | Pass   | Inf           | 1.22M              | 1.083M             |
| 707.5MHz_RB 6,#RB 0               | Pass   | Inf           | 1.211M             | 1.083M             |
| 715.3MHz_RB 6,#RB 0               | Pass   | Inf           | 1.211M             | 1.083M             |
| Band 12_LTE_3MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 700.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.91M              | 2.684M             |
| 707.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.948M             | 2.674M             |
| 714.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.951M             | 2.68M              |
| Band 12_LTE_3MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 700.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.921M             | 2.681M             |
| 707.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.921M             | 2.677M             |
| 714.5MHz_RB 15,#RB 0              | Pass   | Inf           | 2.921M             | 2.679M             |
| Band 12_LTE_5MHz_Nss1,QPSK_1TX    | -      | -             | -                  | -                  |
| 701.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.875M             | 4.474M             |
| 707.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.844M             | 4.461M             |
| 713.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.919M             | 4.468M             |
| Band 12_LTE_5MHz_Nss1,16QAM_1TX   | -      | -             | -                  | -                  |
| 701.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.919M             | 4.46M              |
| 707.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.863M             | 4.462M             |
| 713.5MHz_RB 25,#RB 0              | Pass   | Inf           | 4.894M             | 4.464M             |
| Band 12_LTE_10MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 704.5MHz_RB 50,#RB 0              | Pass   | Inf           | 9.6M               | 8.932M             |
| 707.5MHz_RB 50,#RB 0              | Pass   | Inf           | 9.513M             | 8.905M             |
| 711MHz_RB 50,#RB 0                | Pass   | Inf           | 9.588M             | 8.92M              |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 704.5MHz_RB 50,#RB 0              | Pass   | Inf           | 9.55M              | 8.915M             |
| 707.5MHz_RB 50,#RB 0              | Pass   | Inf           | 9.538M             | 8.888M             |
| 711MHz_RB 50,#RB 0                | Pass   | Inf           | 9.55M              | 8.908M             |

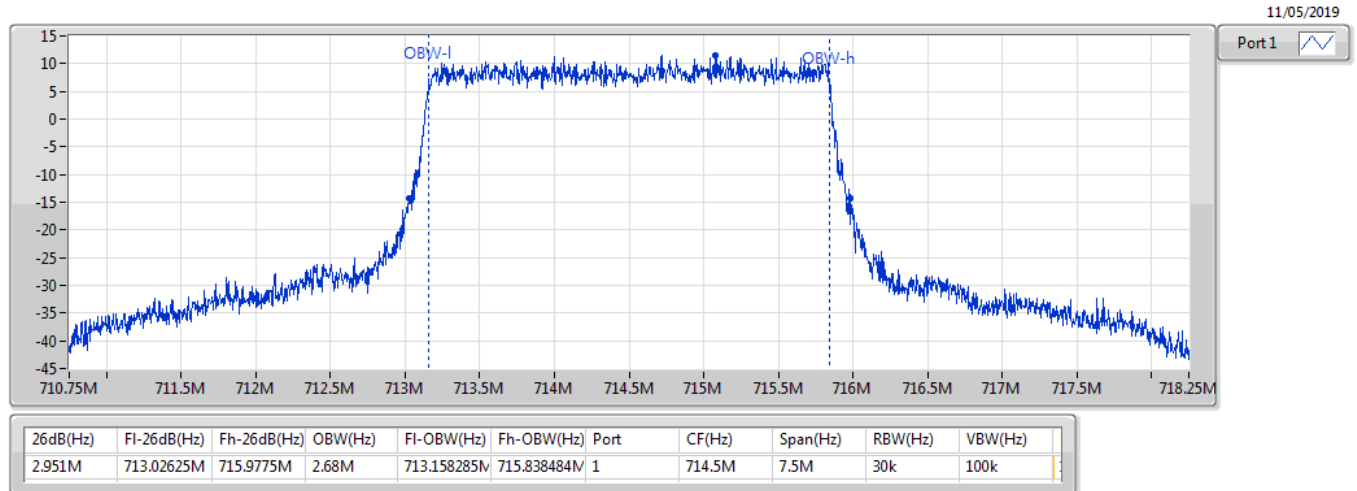
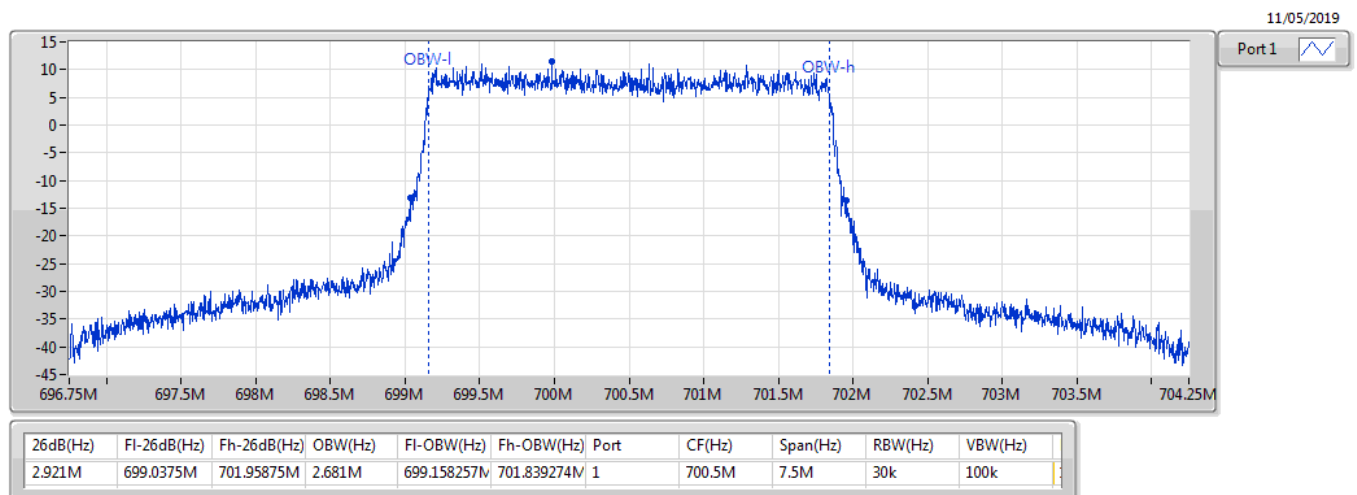
**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

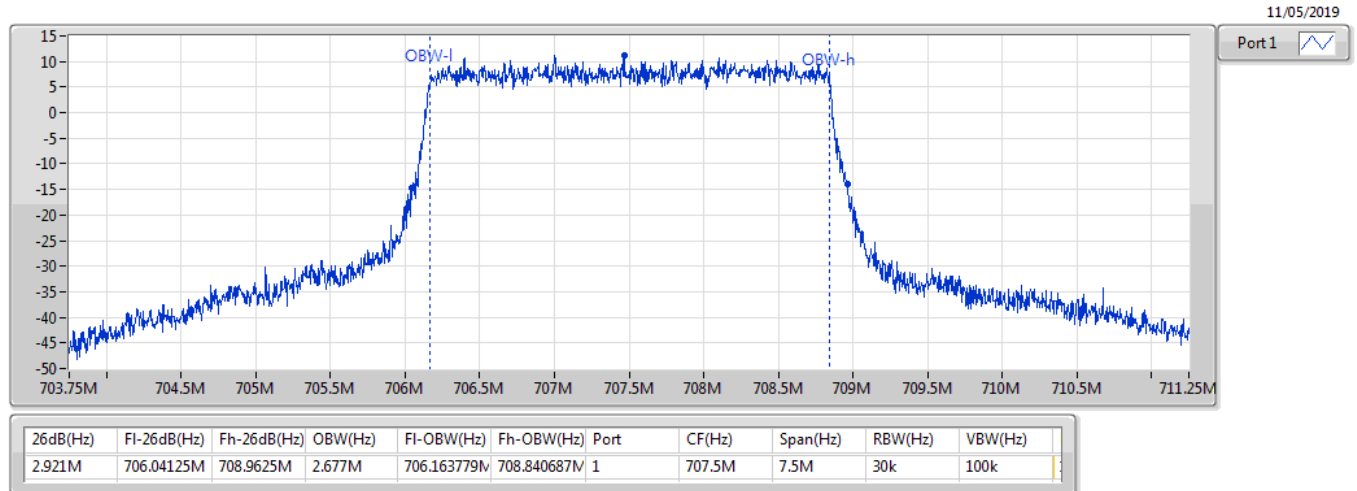
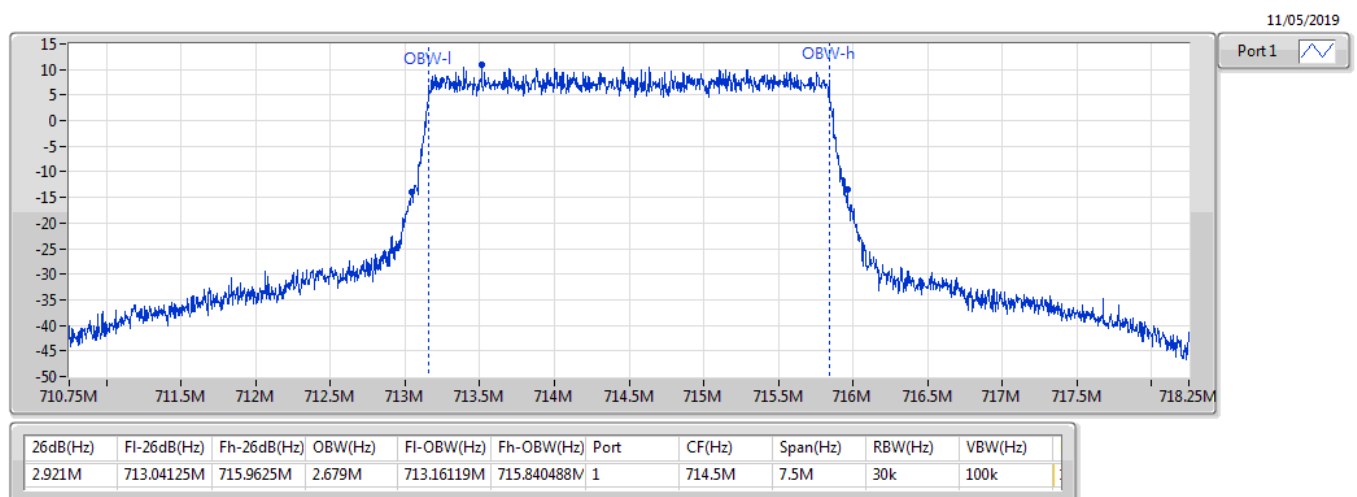
**Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**699.7MHz\_QPSK\_RB 6,#RB 0**
**EBW**

**Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**  
**707.5MHz\_QPSK\_RB 6,#RB 0**
**EBW**


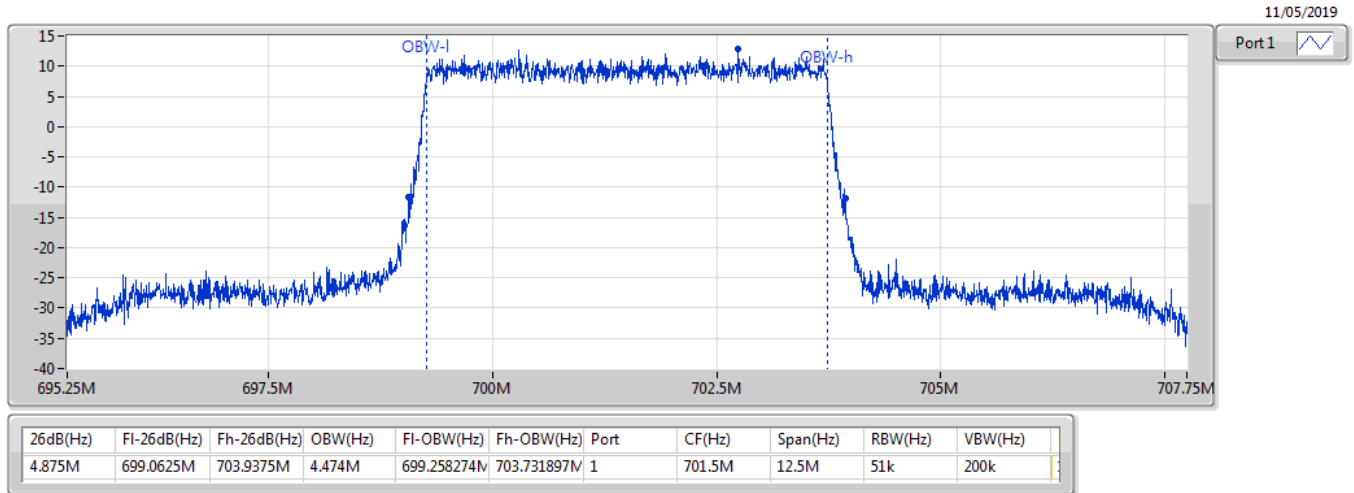
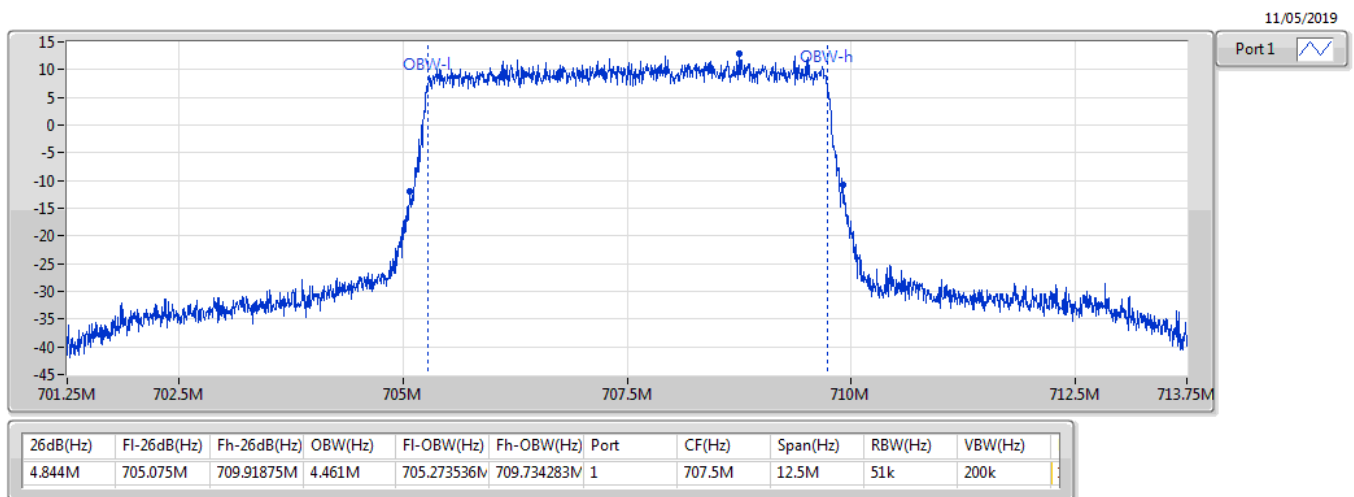
**Band 12\_LTE\_1.4MHz\_Nss1,QPSK\_1TX**
**EBW**
**715.3MHz\_QPSK\_RB 6,#RB 0**

**Band 12\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**699.7MHz\_16QAM\_RB 6,#RB 0**


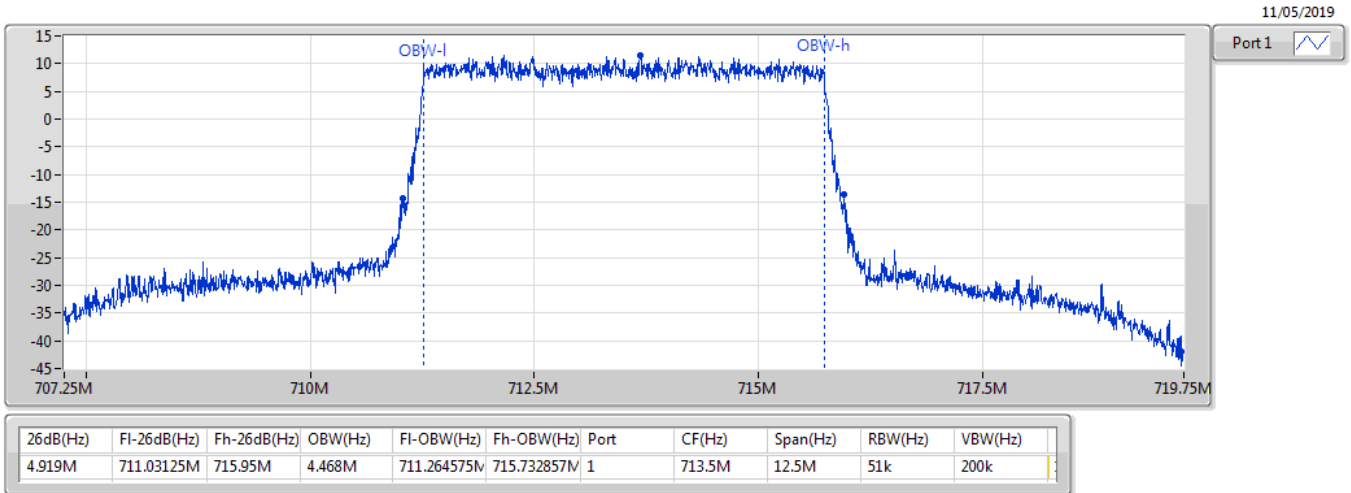
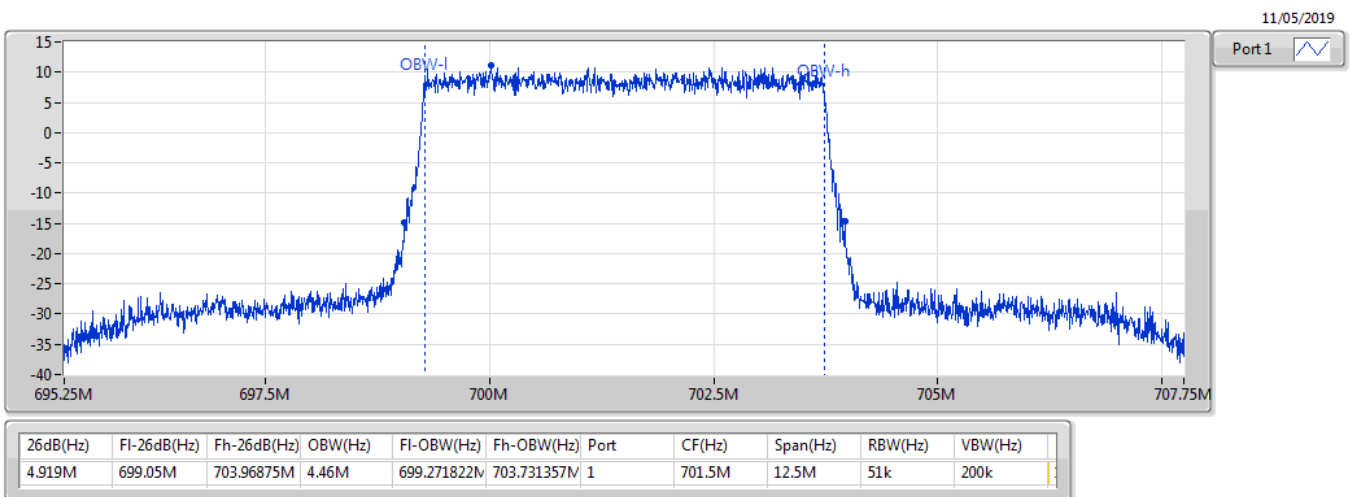
**Band 12\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**707.5MHz\_16QAM\_RB 6,#RB 0**

**Band 12\_LTE\_1.4MHz\_Nss1,16QAM\_1TX**
**EBW**
**715.3MHz\_16QAM\_RB 6,#RB 0**


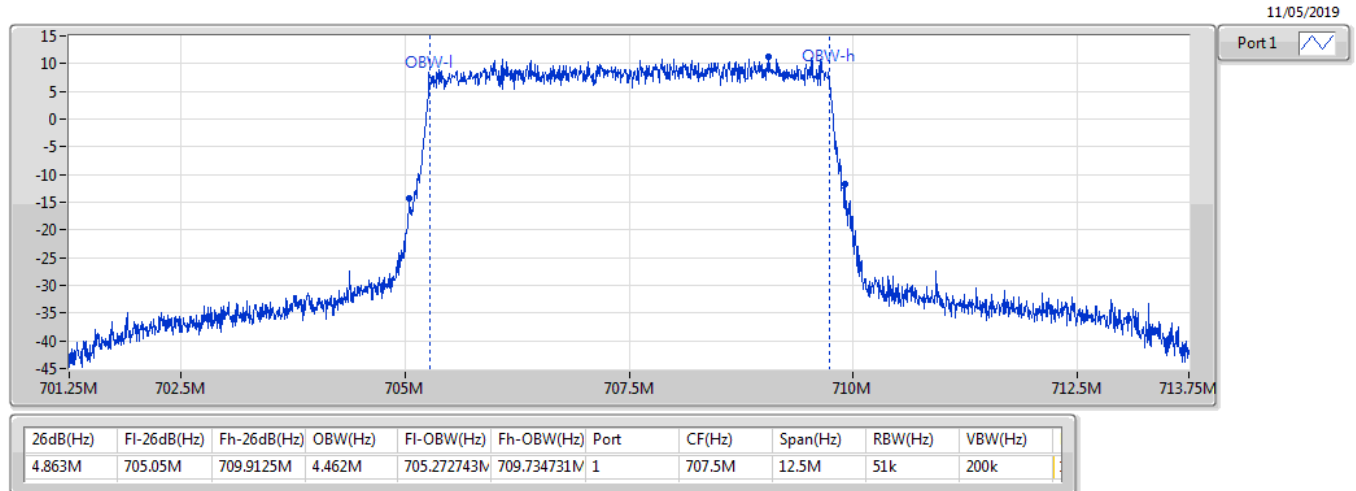
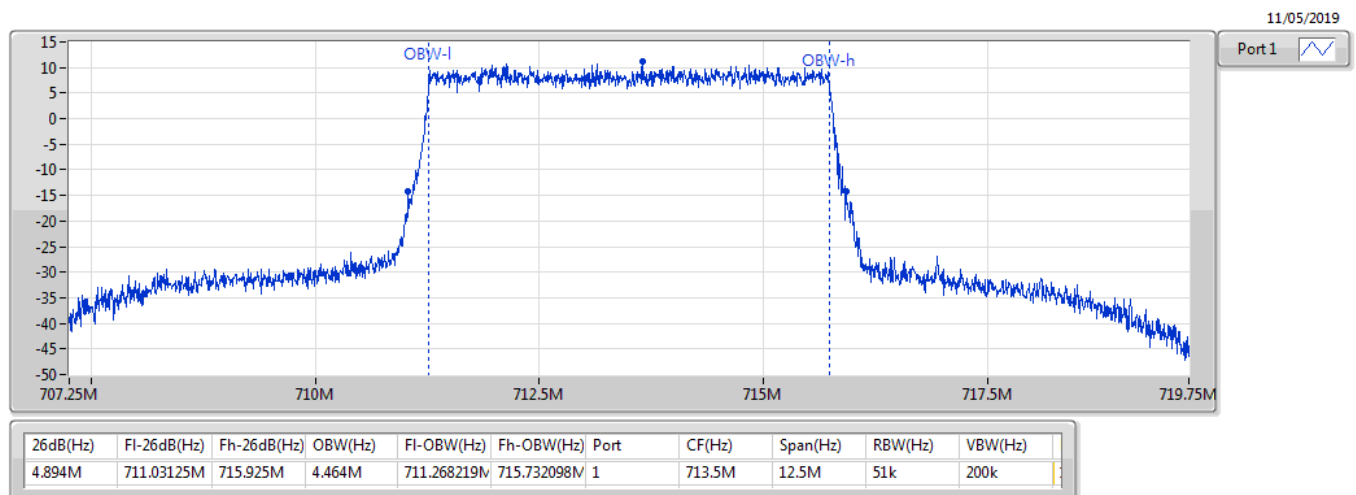
**Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**700.5MHz\_QPSK\_RB 15,#RB 0**
**EBW**

**Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX**  
**707.5MHz\_QPSK\_RB 15,#RB 0**
**EBW**


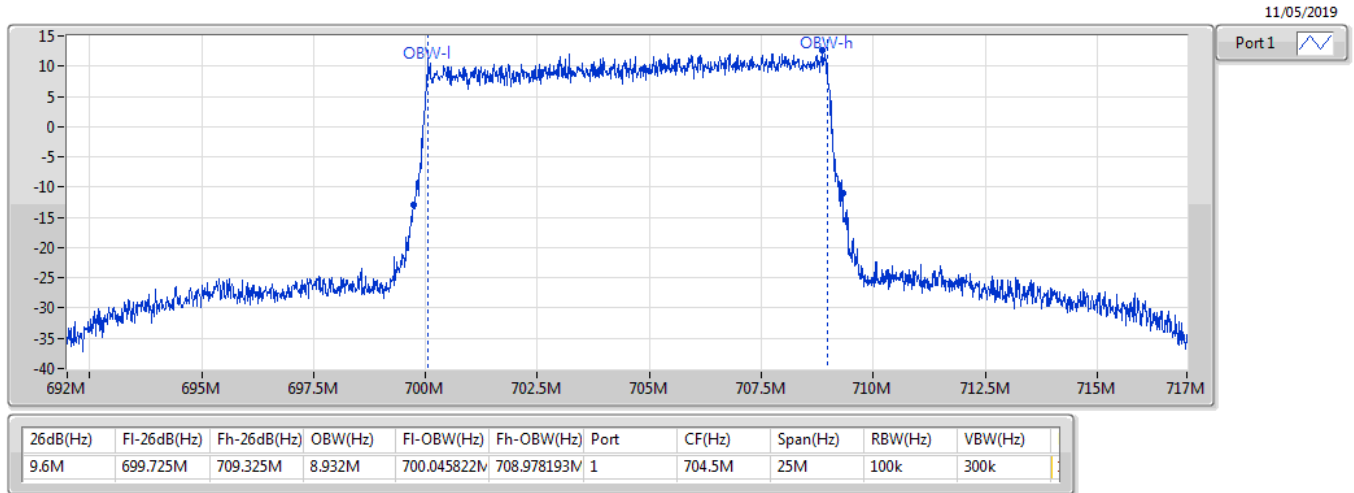
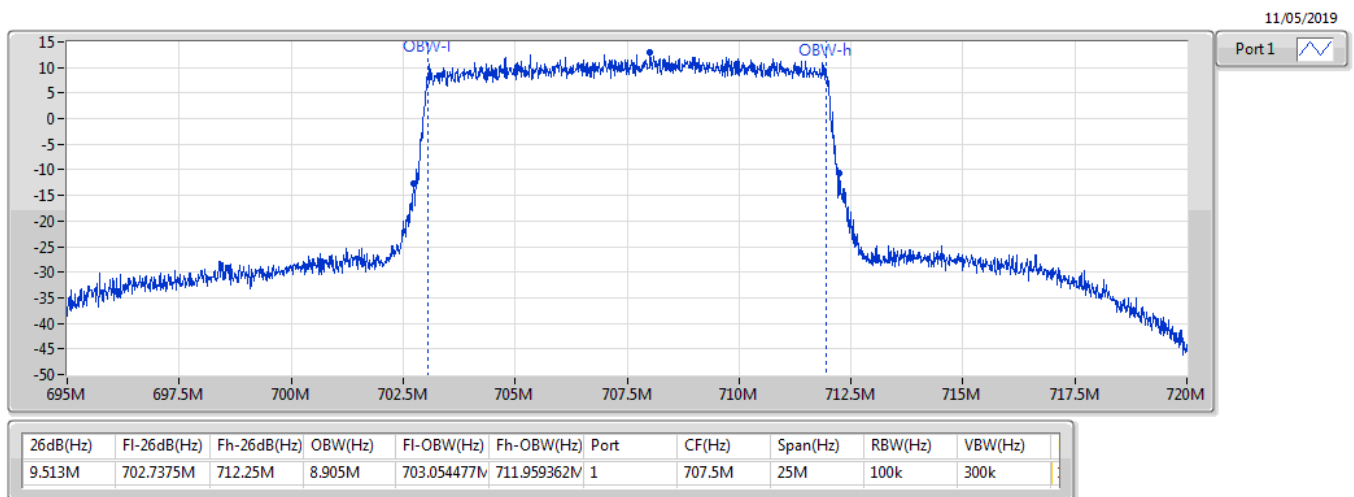
**Band 12\_LTE\_3MHz\_Nss1,QPSK\_1TX**
**EBW**
**714.5MHz\_QPSK\_RB 15,#RB 0**

**Band 12\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**700.5MHz\_16QAM\_RB 15,#RB 0**


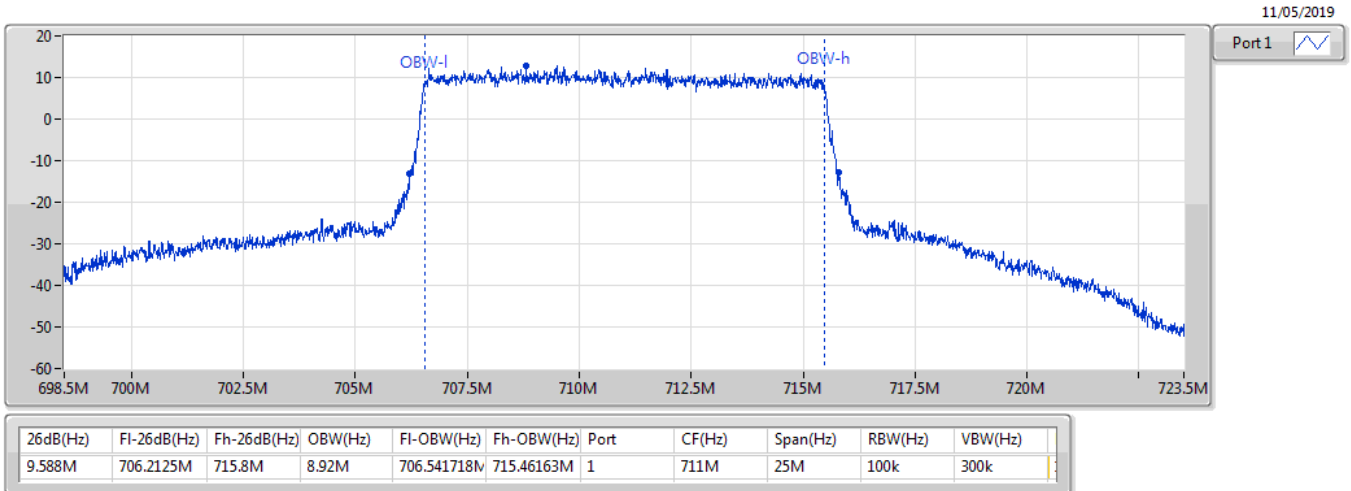
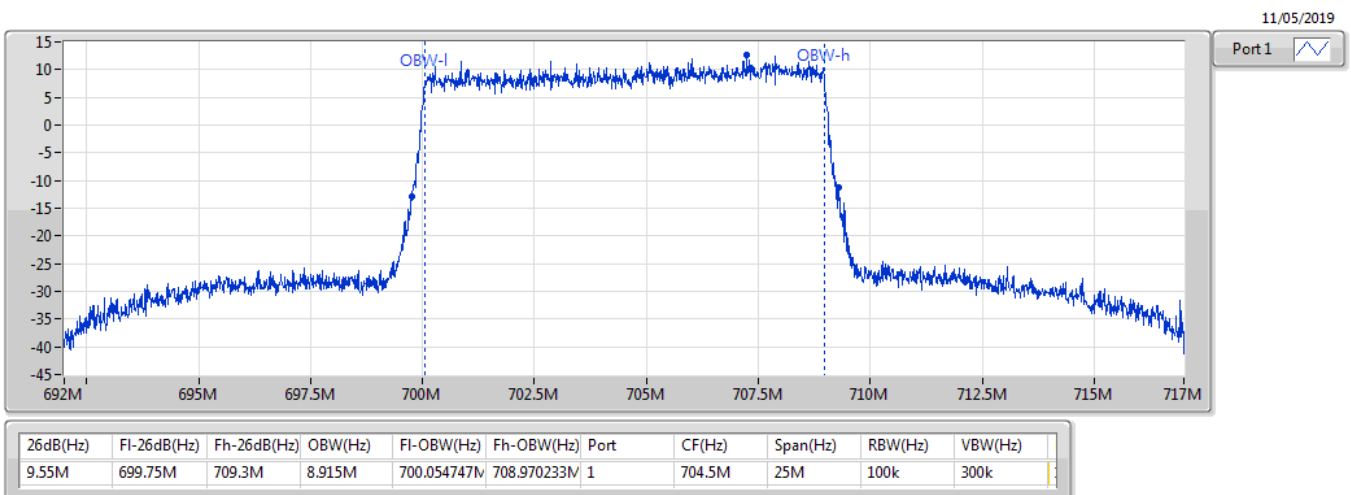
**Band 12\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**707.5MHz\_16QAM\_RB 15,#RB 0**

**Band 12\_LTE\_3MHz\_Nss1,16QAM\_1TX**
**EBW**
**714.5MHz\_16QAM\_RB 15,#RB 0**


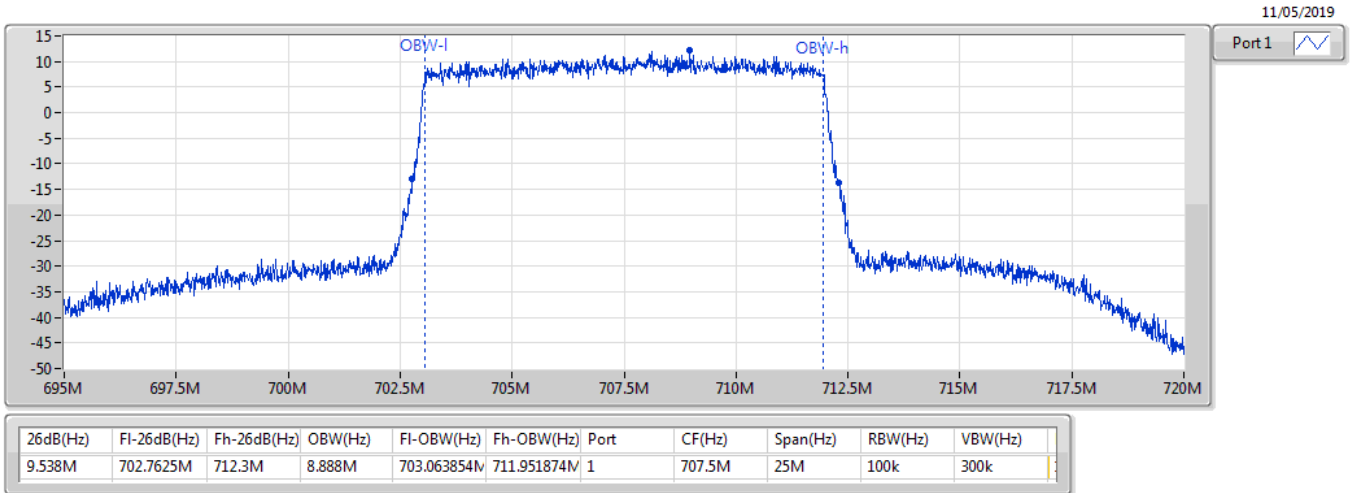
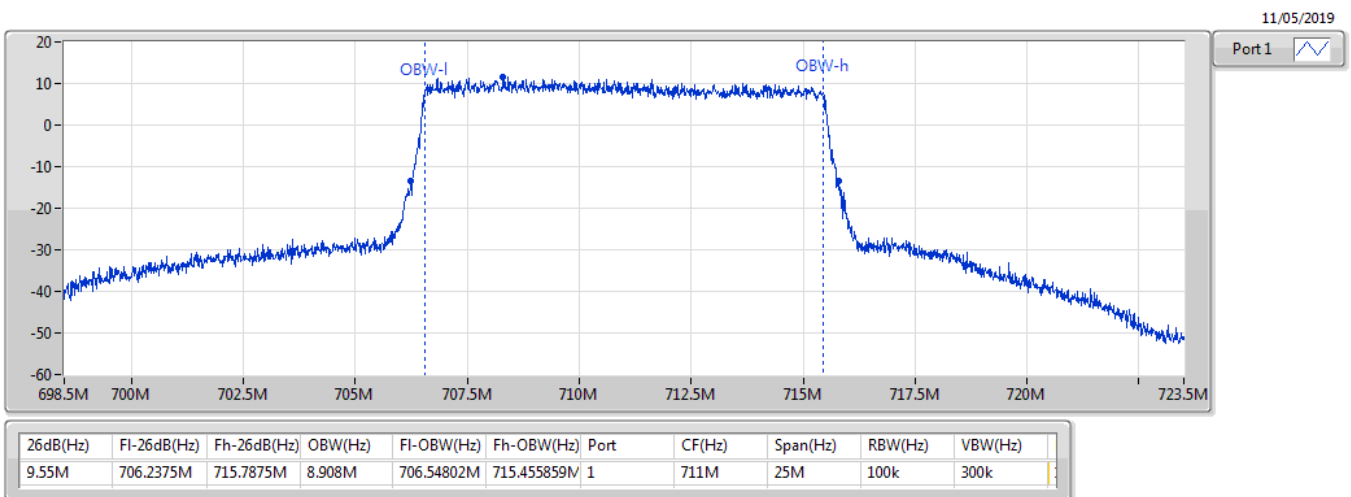
**Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**701.5MHz\_QPSK\_RB 25,#RB 0**
**EBW**

**Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**707.5MHz\_QPSK\_RB 25,#RB 0**
**EBW**


**Band 12\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**713.5MHz\_QPSK\_RB 25,#RB 0**

**Band 12\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**701.5MHz\_16QAM\_RB 25,#RB 0**


**Band 12\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**707.5MHz\_16QAM\_RB 25,#RB 0**

**Band 12\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**713.5MHz\_16QAM\_RB 25,#RB 0**


**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**704.5MHz\_QPSK\_RB 50,#RB 0**

**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**707.5MHz\_QPSK\_RB 50,#RB 0**


**Band 12\_LTE\_10MHz\_Nss1,QPSK\_1TX**
**EBW**
**711MHz\_QPSK\_RB 50,#RB 0**

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**704.5MHz\_16QAM\_RB 50,#RB 0**


**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**707.5MHz\_16QAM\_RB 50,#RB 0**

**Band 12\_LTE\_10MHz\_Nss1,16QAM\_1TX**
**EBW**
**711MHz\_16QAM\_RB 50,#RB 0**


**<Mode 8> EUT 2 + LTE Band 13 Link****Summary**

| Mode                     | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 13                  | -               | -               | -        | -               | -               |
| LTE_5MHz_Nss1,QPSK_1TX   | 4.9M            | 4.467M          | 4M47G7D  | 4.831M          | 4.451M          |
| LTE_5MHz_Nss1,16QAM_1TX  | 4.831M          | 4.461M          | 4M46W7D  | 4.806M          | 4.452M          |
| LTE_10MHz_Nss1,QPSK_1TX  | 9.525M          | 8.902M          | 8M90G7D  | 9.525M          | 8.902M          |
| LTE_10MHz_Nss1,16QAM_1TX | 9.538M          | 8.894M          | 8M89W7D  | 9.538M          | 8.894M          |

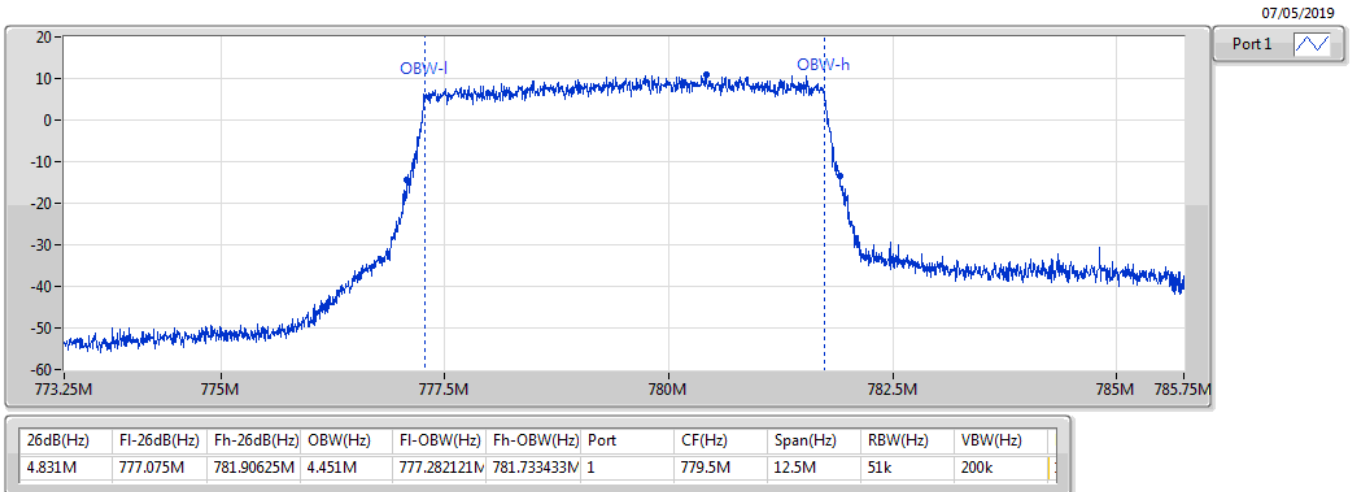
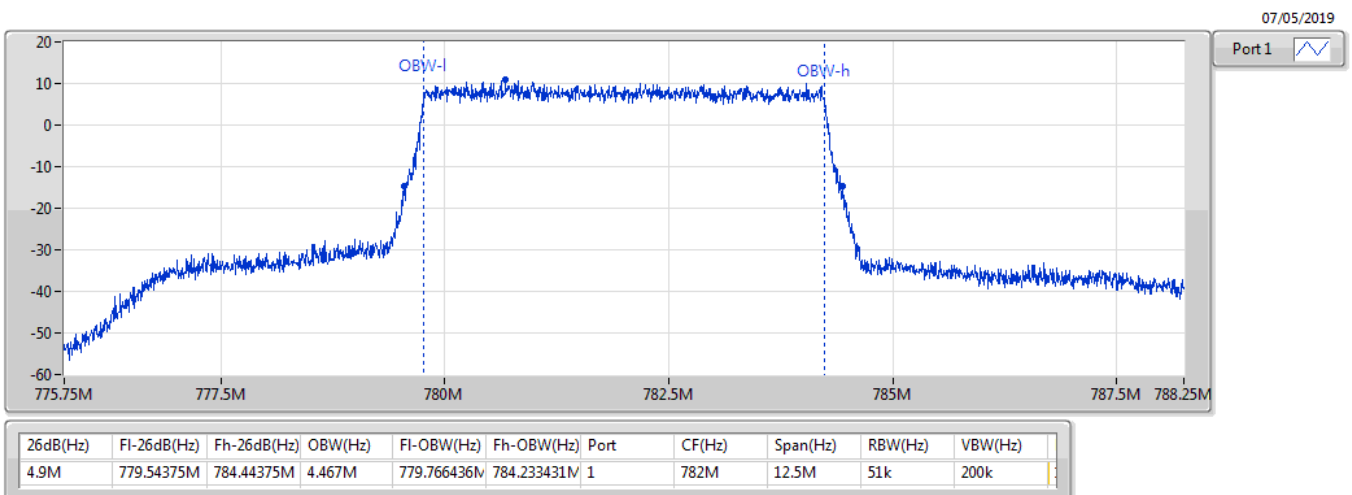
**Max-N dB** = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

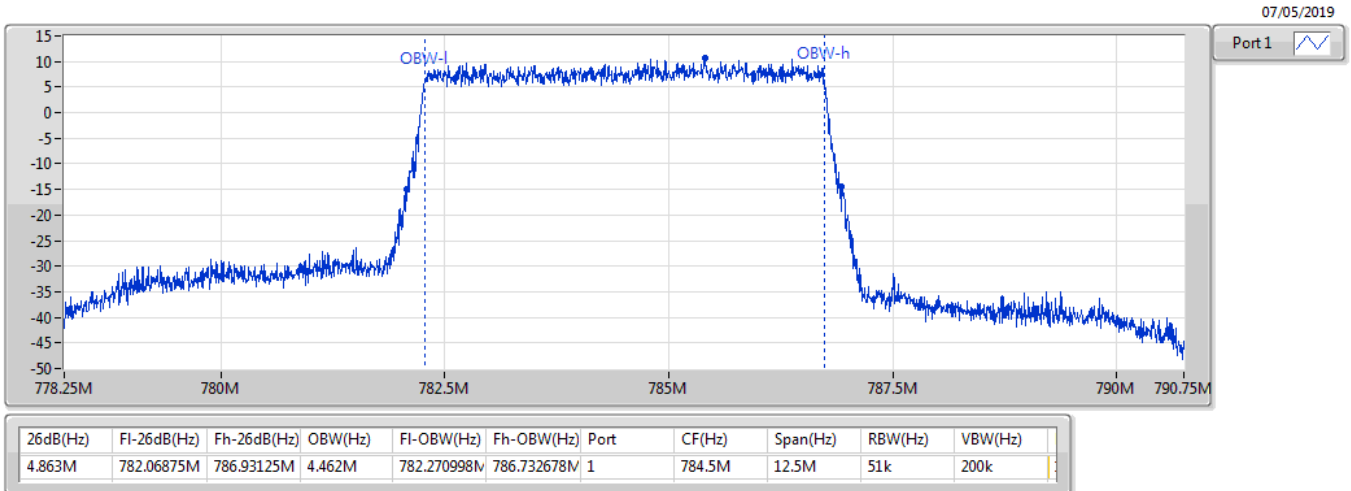
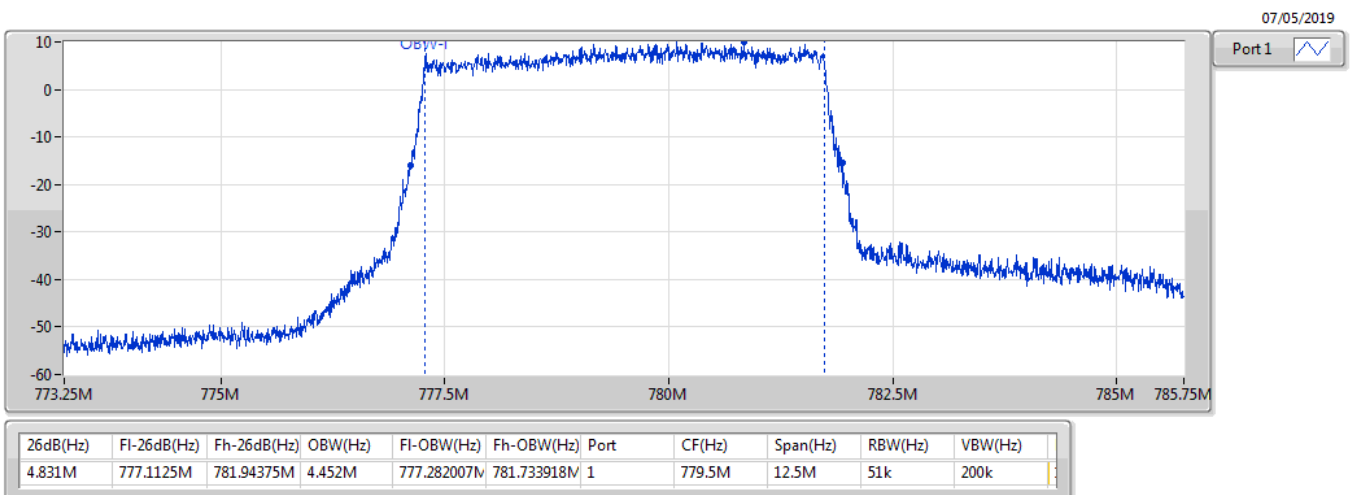
**Min-N dB** = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

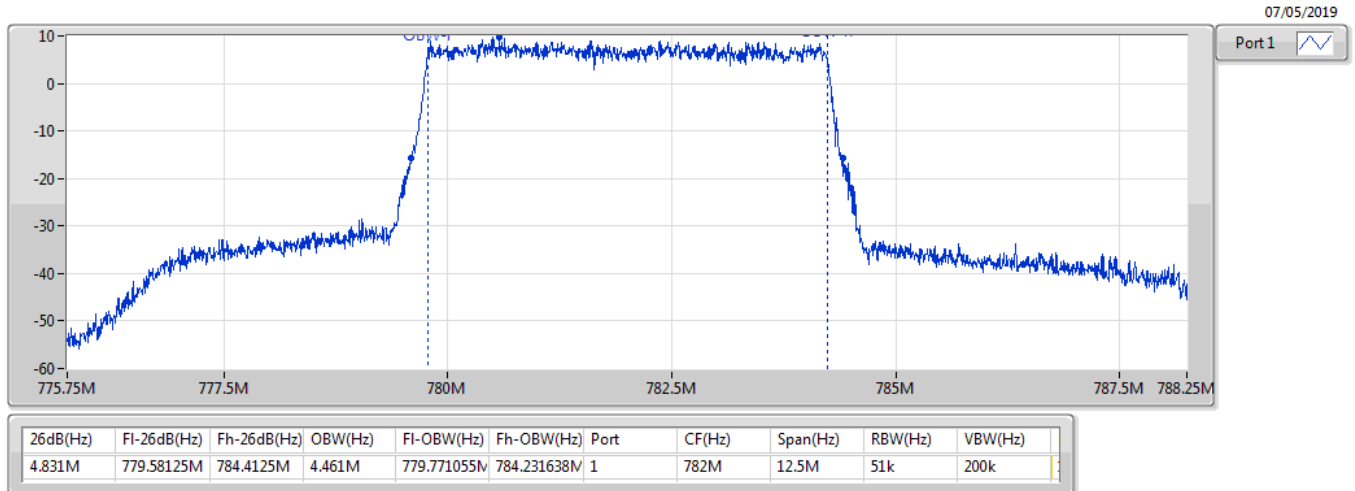
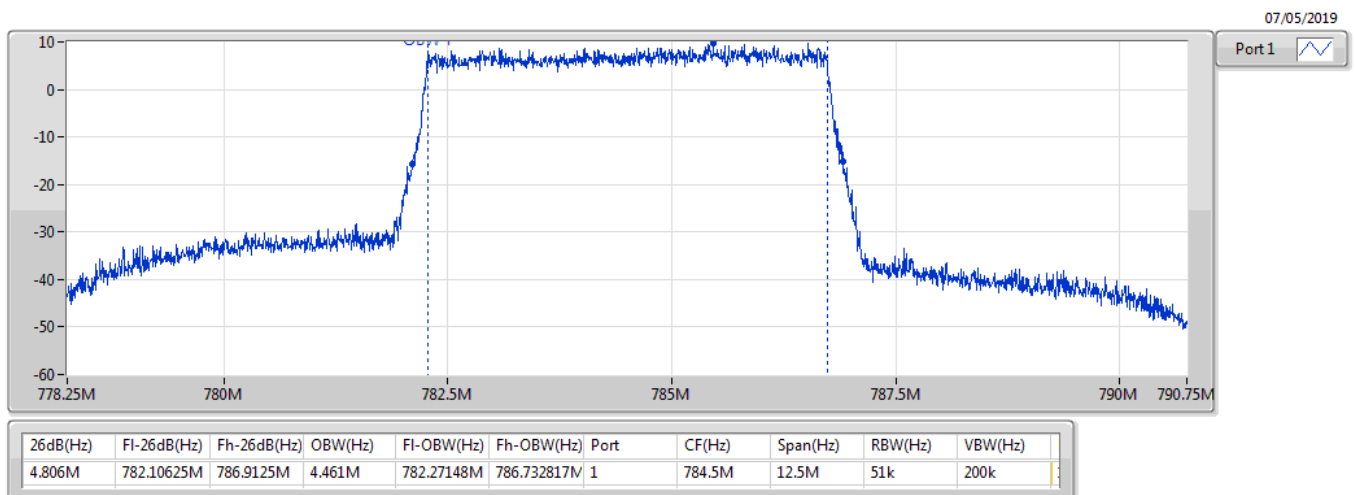
**Result**

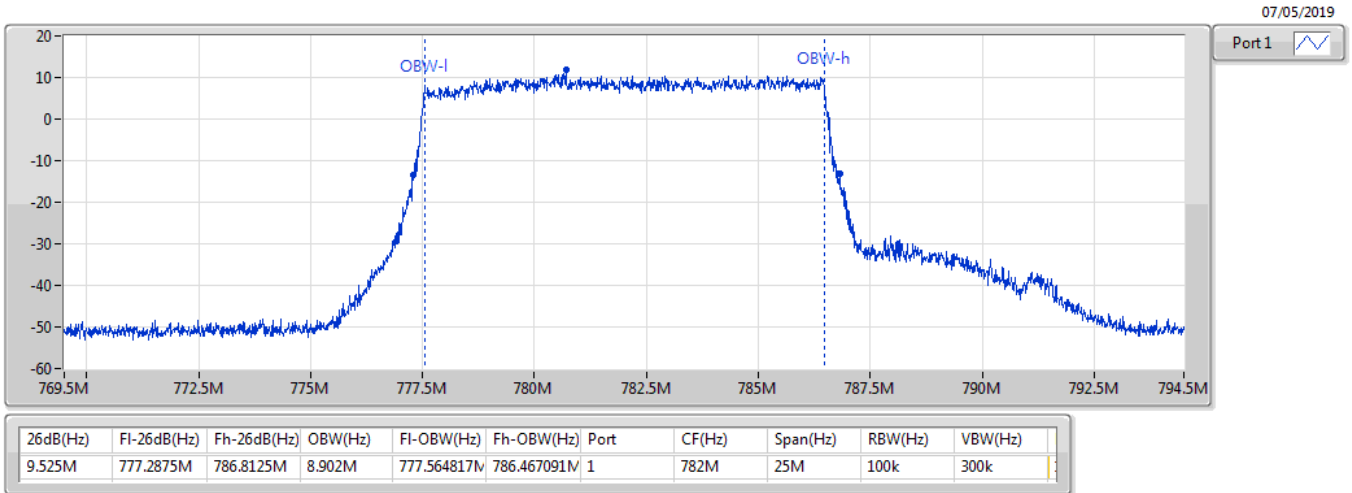
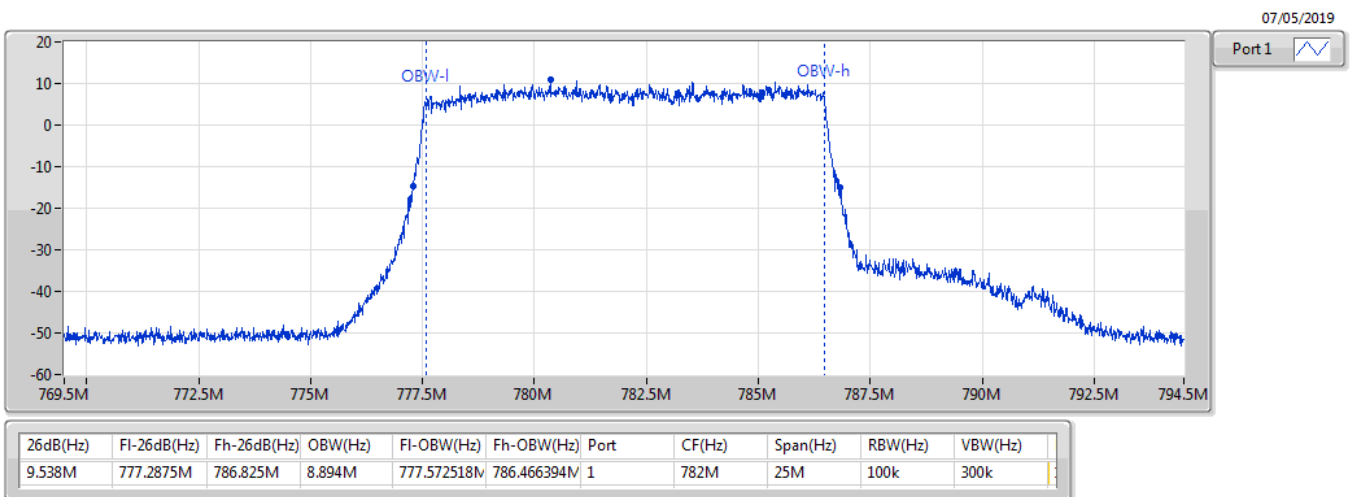
| Mode                             | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|----------------------------------|--------|---------------|--------------------|--------------------|
| Band 13_LTE_5MHz_Nss1,QPSK_1TX   | -      | -             | -                  | -                  |
| 779.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.831M             | 4.451M             |
| 782MHz_RB 25,#RB 0               | Pass   | Inf           | 4.9M               | 4.467M             |
| 784.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.863M             | 4.462M             |
| Band 13_LTE_5MHz_Nss1,16QAM_1TX  | -      | -             | -                  | -                  |
| 779.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.831M             | 4.452M             |
| 782MHz_RB 25,#RB 0               | Pass   | Inf           | 4.831M             | 4.461M             |
| 784.5MHz_RB 25,#RB 0             | Pass   | Inf           | 4.806M             | 4.461M             |
| Band 13_LTE_10MHz_Nss1,QPSK_1TX  | -      | -             | -                  | -                  |
| 782MHz_RB 50,#RB 0               | Pass   | Inf           | 9.525M             | 8.902M             |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -             | -                  | -                  |
| 782MHz_RB 50,#RB 0               | Pass   | Inf           | 9.538M             | 8.894M             |

**Port X-N dB** = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**779.5MHz\_QPSK\_RB 25,#RB 0**

**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**782MHz\_QPSK\_RB 25,#RB 0**


**Band 13\_LTE\_5MHz\_Nss1,QPSK\_1TX**
**EBW**
**784.5MHz\_QPSK\_RB 25,#RB 0**

**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**
**EBW**
**779.5MHz\_16QAM\_RB 25,#RB 0**


**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 25,#RB 0**
**EBW**

**Band 13\_LTE\_5MHz\_Nss1,16QAM\_1TX**  
**784.5MHz\_16QAM\_RB 25,#RB 0**
**EBW**


**Band 13\_LTE\_10MHz\_Nss1,QPSK\_1TX**  
**782MHz\_QPSK\_RB 50,#RB 0**
**EBW**

**Band 13\_LTE\_10MHz\_Nss1,16QAM\_1TX**  
**782MHz\_16QAM\_RB 50,#RB 0**
**EBW**




<Mode 1> EUT 2 + WCDMA Band 2 Link

Summary

| Mode                | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 2              | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -22.18         | -13.00         | -9.18          | MBW 1M | -                 |



## Result

| Mode                       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1852.4MHz                  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.012k     | -61.98         | -13.00         | -48.98         | -      | -                 |
| 1852.4MHz                  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.56         | -13.00         | -46.56         | -      | -                 |
| 1852.4MHz                  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 748.29M      | -64.98         | -13.00         | -51.98         | -      | -                 |
| 1852.4MHz                  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.36075G     | -51.32         | -13.00         | -38.32         | -      | -                 |
| 1852.4MHz                  | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.83975G     | -41.76         | -13.00         | -28.76         | -      | -                 |
| 1852.4MHz                  | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -23.91         | -13.00         | -10.91         | MBW 1M | -                 |
| 1852.4MHz                  | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.85G        | -28.87         | -13.00         | -15.87         | -      | -                 |
| 1852.4MHz                  | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91098G     | -70.75         | -13.00         | -57.75         | -      | -                 |
| 1852.4MHz                  | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9155G      | -59.05         | -13.00         | -46.05         | MBW 1M | -                 |
| 1852.4MHz                  | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.78995G     | -51.91         | -13.00         | -38.91         | -      | -                 |
| 1852.4MHz                  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.643G      | -36.59         | -13.00         | -23.59         | -      | -                 |
| 1880MHz                    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.765k     | -62.55         | -13.00         | -49.55         | -      | -                 |
| 1880MHz                    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.76         | -13.00         | -47.76         | -      | -                 |
| 1880MHz                    | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 898.39M      | -65.70         | -13.00         | -52.70         | -      | -                 |
| 1880MHz                    | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.48894G     | -52.20         | -13.00         | -39.20         | -      | -                 |
| 1880MHz                    | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.65568G     | -51.00         | -13.00         | -38.00         | -      | -                 |
| 1880MHz                    | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.06         | -13.00         | -46.06         | MBW 1M | -                 |
| 1880MHz                    | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84915G     | -70.33         | -13.00         | -57.33         | -      | -                 |
| 1880MHz                    | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91024G     | -70.31         | -13.00         | -57.31         | -      | -                 |
| 1880MHz                    | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -58.87         | -13.00         | -45.87         | MBW 1M | -                 |
| 1880MHz                    | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.82999G     | -51.79         | -13.00         | -38.79         | -      | -                 |
| 1880MHz                    | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.66325G    | -36.53         | -13.00         | -23.53         | -      | -                 |
| 1907.6MHz                  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.941k     | -61.40         | -13.00         | -48.40         | -      | -                 |
| 1907.6MHz                  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.07         | -13.00         | -46.07         | -      | -                 |
| 1907.6MHz                  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 865.66M      | -66.08         | -13.00         | -53.08         | -      | -                 |
| 1907.6MHz                  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.32275G     | -51.58         | -13.00         | -38.58         | -      | -                 |
| 1907.6MHz                  | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.63957G     | -51.42         | -13.00         | -38.42         | -      | -                 |
| 1907.6MHz                  | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1907.6MHz                  | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84993G     | -71.19         | -13.00         | -58.19         | -      | -                 |
| 1907.6MHz                  | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.9103G      | -30.95         | -13.00         | -17.95         | -      | -                 |
| 1907.6MHz                  | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -22.18         | -13.00         | -9.18          | MBW 1M | -                 |
| 1907.6MHz                  | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81651G     | -51.67         | -13.00         | -38.67         | -      | -                 |
| 1907.6MHz                  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60475G    | -36.59         | -13.00         | -23.59         | -      | -                 |



<Mode 2> EUT 2 + WCDMA Band 4 Link

Summary

| Mode                | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 4              | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -16.15         | -13.00         | -3.15          | MBW 1M | -                 |



## Result

| Mode                       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 4_WCDMA_5MHz_Nss1_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1712.4MHz                  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.592k     | -64.21         | -13.00         | -51.21         | -      | -                 |
| 1712.4MHz                  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.17         | -13.00         | -46.17         | -      | -                 |
| 1712.4MHz                  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 875.11M      | -62.31         | -13.00         | -49.31         | -      | -                 |
| 1712.4MHz                  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.495G       | -53.25         | -13.00         | -40.25         | -      | -                 |
| 1712.4MHz                  | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6998G      | -36.42         | -13.00         | -23.42         | -      | -                 |
| 1712.4MHz                  | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -16.15         | -13.00         | -3.15          | MBW 1M | -                 |
| 1712.4MHz                  | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.71G        | -22.00         | -13.00         | -9.00          | -      | -                 |
| 1712.4MHz                  | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75565G     | -71.38         | -13.00         | -58.38         | -      | -                 |
| 1712.4MHz                  | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7615G      | -59.55         | -13.00         | -46.55         | MBW 1M | -                 |
| 1712.4MHz                  | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.83176G     | -52.01         | -13.00         | -39.01         | -      | -                 |
| 1712.4MHz                  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6085G     | -36.43         | -13.00         | -23.43         | -      | -                 |
| 1732.6MHz                  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.108k     | -63.52         | -13.00         | -50.52         | -      | -                 |
| 1732.6MHz                  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -59.22         | -13.00         | -46.22         | -      | -                 |
| 1732.6MHz                  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 866.43M      | -63.52         | -13.00         | -50.52         | -      | -                 |
| 1732.6MHz                  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.488G       | -54.64         | -13.00         | -41.64         | -      | -                 |
| 1732.6MHz                  | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6254G      | -53.54         | -13.00         | -40.54         | -      | -                 |
| 1732.6MHz                  | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -57.91         | -13.00         | -44.91         | MBW 1M | -                 |
| 1732.6MHz                  | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70972G     | -68.92         | -13.00         | -55.92         | -      | -                 |
| 1732.6MHz                  | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75527G     | -69.55         | -13.00         | -56.55         | -      | -                 |
| 1732.6MHz                  | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -58.57         | -13.00         | -45.57         | MBW 1M | -                 |
| 1732.6MHz                  | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.82772G     | -51.98         | -13.00         | -38.98         | -      | -                 |
| 1732.6MHz                  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62125G    | -36.50         | -13.00         | -23.50         | -      | -                 |
| 1752.6MHz                  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -61.66         | -13.00         | -48.66         | -      | -                 |
| 1752.6MHz                  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.27         | -13.00         | -48.27         | -      | -                 |
| 1752.6MHz                  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 878.75M      | -63.04         | -13.00         | -50.04         | -      | -                 |
| 1752.6MHz                  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3455G      | -53.25         | -13.00         | -40.25         | -      | -                 |
| 1752.6MHz                  | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6108G      | -53.69         | -13.00         | -40.69         | -      | -                 |
| 1752.6MHz                  | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7075G      | -59.51         | -13.00         | -46.51         | MBW 1M | -                 |
| 1752.6MHz                  | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70923G     | -71.27         | -13.00         | -58.27         | -      | -                 |
| 1752.6MHz                  | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.755G       | -32.01         | -13.00         | -19.01         | -      | -                 |
| 1752.6MHz                  | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -28.88         | -13.00         | -15.88         | MBW 1M | -                 |
| 1752.6MHz                  | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 1.765G       | -51.87         | -13.00         | -38.87         | -      | -                 |
| 1752.6MHz                  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61975G    | -36.73         | -13.00         | -23.73         | -      | -                 |



<Mode 3> EUT 2 + WCDMA Band 5 Link

Summary

| Mode                | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 5              | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| WCDMA_5MHz_Nss1_1TX | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.08         | -13.00         | -17.08         | -      | -                 |

**Result**

| Mode                       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 5_WCDMA_5MHz_Nss1_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 826.4MHz                   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.509k     | -63.71         | -13.00         | -50.71         | -        | -                 |
| 826.4MHz                   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 187.312k     | -60.77         | -13.00         | -47.77         | -        | -                 |
| 826.4MHz                   | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 316.82M      | -66.44         | -13.00         | -53.44         | -        | -                 |
| 826.4MHz                   | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 813.92M      | -57.96         | -13.00         | -44.96         | -        | -                 |
| 826.4MHz                   | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -31.00         | -13.00         | -18.00         | MBW 100k | -                 |
| 826.4MHz                   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.08         | -13.00         | -17.08         | -        | -                 |
| 826.4MHz                   | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.04M      | -73.01         | -13.00         | -60.01         | -        | -                 |
| 826.4MHz                   | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.15M      | -68.97         | -13.00         | -55.97         | MBW 100k | -                 |
| 826.4MHz                   | Pass   | 859M            | 2G             | 100k        | 300k        | RMS      | 1.65114G     | -65.14         | -13.00         | -52.14         | -        | -                 |
| 826.4MHz                   | Pass   | 2G              | 10G            | 100k        | 300k        | RMS      | 9.783G       | -59.08         | -13.00         | -46.08         | -        | -                 |
| 836.6MHz                   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.878k     | -66.35         | -13.00         | -53.35         | -        | -                 |
| 836.6MHz                   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.50         | -13.00         | -48.50         | -        | -                 |
| 836.6MHz                   | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 478.38M      | -64.92         | -13.00         | -51.92         | -        | -                 |
| 836.6MHz                   | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 531.16M      | -63.46         | -13.00         | -50.46         | -        | -                 |
| 836.6MHz                   | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.15M      | -58.07         | -13.00         | -45.07         | MBW 100k | -                 |
| 836.6MHz                   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -61.84         | -13.00         | -48.84         | -        | -                 |
| 836.6MHz                   | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.06M      | -62.52         | -13.00         | -49.52         | -        | -                 |
| 836.6MHz                   | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.55M      | -58.13         | -13.00         | -45.13         | MBW 100k | -                 |
| 836.6MHz                   | Pass   | 859M            | 2G             | 100k        | 300k        | RMS      | 1.67139G     | -60.09         | -13.00         | -47.09         | -        | -                 |
| 836.6MHz                   | Pass   | 2G              | 10G            | 100k        | 300k        | RMS      | 2.506G       | -57.75         | -13.00         | -44.75         | -        | -                 |
| 846.6MHz                   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.166k     | -63.25         | -13.00         | -50.25         | -        | -                 |
| 846.6MHz                   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.03         | -13.00         | -47.03         | -        | -                 |
| 846.6MHz                   | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 414.34M      | -65.66         | -13.00         | -52.66         | -        | -                 |
| 846.6MHz                   | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 567.51M      | -63.84         | -13.00         | -50.84         | -        | -                 |
| 846.6MHz                   | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.35M      | -68.99         | -13.00         | -55.99         | MBW 100k | -                 |
| 846.6MHz                   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.93M      | -73.04         | -13.00         | -60.04         | -        | -                 |
| 846.6MHz                   | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -35.32         | -13.00         | -22.32         | -        | -                 |
| 846.6MHz                   | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -33.54         | -13.00         | -20.54         | MBW 100k | -                 |
| 846.6MHz                   | Pass   | 859M            | 2G             | 100k        | 300k        | RMS      | 1.69136G     | -64.47         | -13.00         | -51.47         | -        | -                 |
| 846.6MHz                   | Pass   | 2G              | 10G            | 100k        | 300k        | RMS      | 9.809G       | -58.59         | -13.00         | -45.59         | -        | -                 |

**<Mode 4> EUT 2 + LTE Band 2 Link****Summary**

| Mode                      | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 2                    | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91056G     | -28.60         | -13.00         | -15.60         | -      | -                 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84999G     | -28.40         | -13.00         | -15.40         | -      | -                 |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9115G      | -23.34         | -13.00         | -10.34         | MBW 1M | -                 |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91001G     | -25.39         | -13.00         | -12.39         | -      | -                 |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -25.75         | -13.00         | -12.75         | MBW 1M | -                 |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -28.19         | -13.00         | -15.19         | MBW 1M | -                 |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -28.64         | -13.00         | -15.64         | MBW 1M | -                 |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -30.52         | -13.00         | -17.52         | MBW 1M | -                 |
| LTE_15MHz_Nss1,QPSK_1TX   | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -30.45         | -13.00         | -17.45         | MBW 1M | -                 |
| LTE_15MHz_Nss1,16QAM_1TX  | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -32.17         | -13.00         | -19.17         | MBW 1M | -                 |
| LTE_20MHz_Nss1,QPSK_1TX   | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -32.84         | -13.00         | -19.84         | MBW 1M | -                 |
| LTE_20MHz_Nss1,16QAM_1TX  | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -33.74         | -13.00         | -20.74         | MBW 1M | -                 |



## Result

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.012k     | -60.69         | -13.00         | -47.69         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.38         | -13.00         | -45.38         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 867.6M       | -66.60         | -13.00         | -53.60         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.48438G     | -51.53         | -13.00         | -38.53         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.84568G     | -40.55         | -13.00         | -27.55         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -29.91         | -13.00         | -16.91         | MBW 1M | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.85G        | -30.39         | -13.00         | -17.39         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91017G     | -69.75         | -13.00         | -56.75         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -57.21         | -13.00         | -44.21         | MBW 1M | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.81683G     | -51.91         | -13.00         | -38.91         | -      | -                 |
| 1850.7MHz_RB 6,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.42         | -13.00         | -23.42         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.73k      | -63.03         | -13.00         | -50.03         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.65         | -13.00         | -48.65         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 924.1M       | -66.37         | -13.00         | -53.37         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49713G     | -50.77         | -13.00         | -37.77         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.84694G     | -44.74         | -13.00         | -31.74         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -43.00         | -13.00         | -30.00         | MBW 1M | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.85G        | -28.69         | -13.00         | -15.69         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91074G     | -70.18         | -13.00         | -57.18         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -57.16         | -13.00         | -44.16         | MBW 1M | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.82686G     | -51.89         | -13.00         | -38.89         | -      | -                 |
| 1850.7MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.661G      | -36.63         | -13.00         | -23.63         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.756k     | -61.12         | -13.00         | -48.12         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -61.47         | -13.00         | -48.47         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 893.54M      | -66.36         | -13.00         | -53.36         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.21581G     | -51.71         | -13.00         | -38.71         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.81812G     | -50.56         | -13.00         | -37.56         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -57.40         | -13.00         | -44.40         | MBW 1M | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84901G     | -71.22         | -13.00         | -58.22         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91007G     | -70.68         | -13.00         | -57.68         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9123G      | -58.03         | -13.00         | -45.03         | MBW 1M | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.8423G      | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1880MHz_RB 6,#RB 0              | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62575G    | -36.55         | -13.00         | -23.55         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.121k     | -61.19         | -13.00         | -48.19         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.05         | -13.00         | -46.05         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 791.21M      | -66.62         | -13.00         | -53.62         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.47019G     | -52.28         | -13.00         | -39.28         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.55277G     | -50.14         | -13.00         | -37.14         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -56.96         | -13.00         | -43.96         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84901G     | -70.80         | -13.00         | -57.80         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91044G     | -70.99         | -13.00         | -57.99         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9123G      | -57.03         | -13.00         | -44.03         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.77438G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61075G    | -36.40         | -13.00         | -23.40         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.23k      | -62.38         | -13.00         | -49.38         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.86         | -13.00         | -47.86         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 996.36M      | -65.98         | -13.00         | -52.98         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.38619G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.79434G     | -50.55         | -13.00         | -37.55         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -56.78         | -13.00         | -43.78         | MBW 1M | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.8499G      | -70.60         | -13.00         | -57.60         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0            | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91019G     | -32.56         | -13.00         | -19.56         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1909.3MHz_RB_6,#RB 0             | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -29.26         | -13.00         | -16.26         | MBW 1M | -                 |
| 1909.3MHz_RB_6,#RB 0             | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 1.9128G      | -45.26         | -13.00         | -32.26         | -      | -                 |
| 1909.3MHz_RB_6,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.613G      | -36.57         | -13.00         | -23.57         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.13k      | -61.34         | -13.00         | -48.34         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -55.78         | -13.00         | -42.78         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 884.81M      | -66.66         | -13.00         | -53.66         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.288G       | -51.51         | -13.00         | -38.51         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.63497G     | -51.36         | -13.00         | -38.36         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -57.38         | -13.00         | -44.38         | MBW 1M | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84966G     | -70.99         | -13.00         | -57.99         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91056G     | -28.60         | -13.00         | -15.60         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -41.05         | -13.00         | -28.05         | MBW 1M | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 1.9128G      | -48.41         | -13.00         | -35.41         | -      | -                 |
| 1909.3MHz_RB_1,#RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.715G      | -36.53         | -13.00         | -23.53         | -      | -                 |
| Band 2_LTE_1.4MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.75k      | -63.75         | -13.00         | -50.75         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.36         | -13.00         | -46.36         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 931.86M      | -66.13         | -13.00         | -53.13         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.36975G     | -52.29         | -13.00         | -39.29         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.84681G     | -35.89         | -13.00         | -22.89         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -33.76         | -13.00         | -20.76         | MBW 1M | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84998G     | -33.52         | -13.00         | -20.52         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91046G     | -69.86         | -13.00         | -56.86         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9123G      | -57.05         | -13.00         | -44.05         | MBW 1M | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.8068G      | -52.07         | -13.00         | -39.07         | -      | -                 |
| 1850.7MHz_RB_6,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.65425G    | -36.66         | -13.00         | -23.66         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.583k     | -63.00         | -13.00         | -50.00         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.30         | -13.00         | -44.30         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 800.18M      | -67.03         | -13.00         | -54.03         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.47131G     | -51.47         | -13.00         | -38.47         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.84568G     | -44.78         | -13.00         | -31.78         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -43.74         | -13.00         | -30.74         | MBW 1M | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84999G     | -28.40         | -13.00         | -15.40         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91037G     | -70.37         | -13.00         | -57.37         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -56.48         | -13.00         | -43.48         | MBW 1M | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.83149G     | -52.21         | -13.00         | -39.21         | -      | -                 |
| 1850.7MHz_RB_1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.646G      | -36.37         | -13.00         | -23.37         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.448k     | -62.27         | -13.00         | -49.27         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.22         | -13.00         | -44.22         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 942.29M      | -66.33         | -13.00         | -53.33         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.45731G     | -51.88         | -13.00         | -38.88         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.76886G     | -51.27         | -13.00         | -38.27         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -57.38         | -13.00         | -44.38         | MBW 1M | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84956G     | -71.70         | -13.00         | -58.70         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91042G     | -70.34         | -13.00         | -57.34         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9123G      | -56.82         | -13.00         | -43.82         | MBW 1M | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.81374G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1880MHz_RB_6,#RB 0               | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.63175G    | -36.46         | -13.00         | -23.46         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.403k     | -62.30         | -13.00         | -49.30         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.52         | -13.00         | -45.52         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 584.84M      | -66.73         | -13.00         | -53.73         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.42925G     | -51.44         | -13.00         | -38.44         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.84646G     | -51.26         | -13.00         | -38.26         | -      | -                 |
| 1880MHz_RB_1,#RB L               | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8477G      | -57.23         | -13.00         | -44.23         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 1,#RB L            | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84929G     | -70.23         | -13.00         | -57.23         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91072G     | -71.01         | -13.00         | -58.01         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9123G      | -57.57         | -13.00         | -44.57         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.84654G     | -51.85         | -13.00         | -38.85         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61975G    | -36.55         | -13.00         | -23.55         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.791k     | -61.92         | -13.00         | -48.92         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.52         | -13.00         | -46.52         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 838.5M       | -66.34         | -13.00         | -53.34         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.33406G     | -52.20         | -13.00         | -39.20         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.5112G      | -51.39         | -13.00         | -38.39         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -56.97         | -13.00         | -43.97         | MBW 1M | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84923G     | -71.00         | -13.00         | -58.00         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91012G     | -33.59         | -13.00         | -20.59         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -32.12         | -13.00         | -19.12         | MBW 1M | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 1.91319G     | -46.01         | -13.00         | -33.01         | -      | -                 |
| 1909.3MHz_RB 6,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60775G    | -36.29         | -13.00         | -23.29         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.249k     | -62.90         | -13.00         | -49.90         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.41         | -13.00         | -44.41         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 968.96M      | -66.07         | -13.00         | -53.07         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.00994G     | -51.53         | -13.00         | -38.53         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.5G            | 1.8472G        | 1M          | 3M          | RMS      | 1.75814G     | -51.13         | -13.00         | -38.13         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.8472G         | 1.849G         | 15k         | 43k         | RMS      | 1.8485G      | -57.22         | -13.00         | -44.22         | MBW 1M | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.849G          | 1.85G          | 15k         | 43k         | RMS      | 1.84963G     | -71.16         | -13.00         | -58.16         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.91G           | 1.911G         | 15k         | 43k         | RMS      | 1.91057G     | -31.00         | -13.00         | -18.00         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.911G          | 1.9128G        | 15k         | 43k         | RMS      | 1.9115G      | -41.68         | -13.00         | -28.68         | MBW 1M | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 1.9128G         | 5G             | 1M          | 3M          | RMS      | 3.81915G     | -49.69         | -13.00         | -36.69         | -      | -                 |
| 1909.3MHz_RB 1,#RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.622G      | -36.39         | -13.00         | -23.39         | -      | -                 |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.323k     | -61.98         | -13.00         | -48.98         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -62.90         | -13.00         | -49.90         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 918.28M      | -66.78         | -13.00         | -53.78         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.21369G     | -51.68         | -13.00         | -38.68         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.8434G      | -36.10         | -13.00         | -23.10         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8485G      | -24.75         | -13.00         | -11.75         | MBW 1M | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.85G        | -33.47         | -13.00         | -20.47         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.9108G      | -72.68         | -13.00         | -59.68         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9135G      | -57.08         | -13.00         | -44.08         | MBW 1M | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.85507G     | -51.62         | -13.00         | -38.62         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6115G     | -36.31         | -13.00         | -23.31         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.98k      | -63.02         | -13.00         | -50.02         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.03         | -13.00         | -45.03         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 972.84M      | -66.61         | -13.00         | -53.61         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.46438G     | -51.77         | -13.00         | -38.77         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.844G       | -47.08         | -13.00         | -34.08         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8475G      | -32.30         | -13.00         | -19.30         | MBW 1M | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.85G        | -26.99         | -13.00         | -13.99         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91025G     | -72.85         | -13.00         | -58.85         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9155G      | -56.69         | -13.00         | -43.69         | MBW 1M | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.85391G     | -52.05         | -13.00         | -38.05         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6505G     | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.012k     | -63.00         | -13.00         | -50.00         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -58.55         | -13.00         | -45.55         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 877.3M       | -65.79         | -13.00         | -52.79         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.39869G     | -51.79         | -13.00         | -38.79         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 15,#RB 0            | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.68903G     | -50.73         | -13.00         | -37.73         | -      | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8455G      | -56.81         | -13.00         | -43.81         | MBW 1M | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84998G     | -72.87         | -13.00         | -59.87         | -      | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91025G     | -72.24         | -13.00         | -59.24         | -      | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9155G      | -56.20         | -13.00         | -43.20         | MBW 1M | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.83849G     | -52.25         | -13.00         | -39.25         | -      | -                 |
| 1880MHz_RB 15,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6355G     | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.112k     | -65.31         | -13.00         | -52.31         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -60.31         | -13.00         | -47.31         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 832.92M      | -66.26         | -13.00         | -53.26         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49031G     | -50.85         | -13.00         | -37.85         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.7626G      | -50.71         | -13.00         | -37.71         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8445G      | -57.12         | -13.00         | -44.12         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84994G     | -73.01         | -13.00         | -60.01         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.9104G      | -72.39         | -13.00         | -59.39         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9125G      | -56.66         | -13.00         | -43.66         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.75715G     | -51.96         | -13.00         | -38.96         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6175G     | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.702k     | -62.09         | -13.00         | -49.09         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -60.99         | -13.00         | -47.99         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 888.69M      | -66.74         | -13.00         | -53.74         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.26663G     | -51.56         | -13.00         | -38.56         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.68976G     | -50.55         | -13.00         | -37.55         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8455G      | -56.07         | -13.00         | -43.07         | MBW 1M | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84974G     | -72.98         | -13.00         | -59.98         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91001G     | -31.41         | -13.00         | -18.41         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9115G      | -23.34         | -13.00         | -10.34         | MBW 1M | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 1.916G       | -50.79         | -13.00         | -37.79         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62875G    | -36.43         | -13.00         | -23.43         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.742k     | -61.41         | -13.00         | -48.41         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 187.312k     | -60.85         | -13.00         | -47.85         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 878.75M      | -66.45         | -13.00         | -53.45         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.35825G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.77619G     | -51.32         | -13.00         | -38.32         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8465G      | -56.86         | -13.00         | -43.86         | MBW 1M | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84994G     | -72.66         | -13.00         | -59.66         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91G        | -23.45         | -13.00         | -10.45         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9125G      | -32.15         | -13.00         | -19.15         | MBW 1M | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.81921G     | -48.76         | -13.00         | -35.76         | -      | -                 |
| 1908.5MHz_RB 1,#RB H           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6265G     | -36.35         | -13.00         | -23.35         | -      | -                 |
| Band 2_LTE_3MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.32k      | -63.53         | -13.00         | -50.53         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.93         | -13.00         | -46.93         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 859.35M      | -66.65         | -13.00         | -53.65         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.2985G      | -51.83         | -13.00         | -38.83         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.844G       | -36.92         | -13.00         | -23.92         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8485G      | -26.12         | -13.00         | -13.12         | MBW 1M | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84998G     | -35.02         | -13.00         | -22.02         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91048G     | -72.83         | -13.00         | -59.83         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9135G      | -57.17         | -13.00         | -44.17         | MBW 1M | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.80649G     | -51.65         | -13.00         | -38.65         | -      | -                 |
| 1851.5MHz_RB 15,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 14.01275G    | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1851.5MHz_RB 1,#RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.236k     | -60.70         | -13.00         | -47.70         | -      | -                 |
| 1851.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.65M        | -62.54         | -13.00         | -49.54         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1851.5MHz_RB 1,#RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 894.03M      | -66.66         | -13.00         | -53.66         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.44681G     | -51.75         | -13.00         | -38.75         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.84224G     | -50.14         | -13.00         | -37.14         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8475G      | -35.52         | -13.00         | -22.52         | MBW 1M | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84999G     | -28.33         | -13.00         | -15.33         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.9101G      | -72.90         | -13.00         | -59.90         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9115G      | -56.82         | -13.00         | -43.82         | MBW 1M | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.84427G     | -52.01         | -13.00         | -39.01         | -      | -                 |
| 1851.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.70         | -13.00         | -23.70         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.68k      | -62.19         | -13.00         | -49.19         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.53         | -13.00         | -44.53         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 882.39M      | -66.27         | -13.00         | -53.27         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.37756G     | -52.34         | -13.00         | -39.34         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.83476G     | -50.60         | -13.00         | -37.60         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8475G      | -56.69         | -13.00         | -43.69         | MBW 1M | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84912G     | -73.14         | -13.00         | -60.14         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91002G     | -72.88         | -13.00         | -59.88         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9125G      | -56.88         | -13.00         | -43.88         | MBW 1M | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.83039G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1880MHz_RB 15,#RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61675G    | -36.32         | -13.00         | -23.32         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.936k     | -62.08         | -13.00         | -49.08         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.33         | -13.00         | -47.33         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 884.09M      | -65.62         | -13.00         | -52.62         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.46331G     | -51.64         | -13.00         | -38.64         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.72781G     | -51.54         | -13.00         | -38.54         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8455G      | -56.91         | -13.00         | -43.91         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84915G     | -72.73         | -13.00         | -59.73         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91068G     | -72.64         | -13.00         | -59.64         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9115G      | -56.94         | -13.00         | -43.94         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.78529G     | -51.76         | -13.00         | -38.76         | -      | -                 |
| 1880MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.625G      | -36.57         | -13.00         | -23.57         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.561k     | -63.01         | -13.00         | -50.01         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.59         | -13.00         | -48.59         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 883.12M      | -66.27         | -13.00         | -53.27         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.34975G     | -51.55         | -13.00         | -38.55         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.8142G      | -51.38         | -13.00         | -38.38         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8445G      | -56.72         | -13.00         | -43.72         | MBW 1M | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84992G     | -73.00         | -13.00         | -60.00         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91G        | -33.46         | -13.00         | -20.46         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9115G      | -26.45         | -13.00         | -13.45         | MBW 1M | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 1.916G       | -46.91         | -13.00         | -33.91         | -      | -                 |
| 1908.5MHz_RB 15,#RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60475G    | -36.32         | -13.00         | -23.32         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.592k     | -61.60         | -13.00         | -48.60         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.89         | -13.00         | -44.89         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 845.29M      | -66.55         | -13.00         | -53.55         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.45306G     | -52.36         | -13.00         | -39.36         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.5G            | 1.844G         | 1M          | 3M          | RMS      | 1.82008G     | -49.32         | -13.00         | -36.32         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.844G          | 1.849G         | 30k         | 91k         | RMS      | 1.8485G      | -56.96         | -13.00         | -43.96         | MBW 1M | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.849G          | 1.85G          | 30k         | 91k         | RMS      | 1.84988G     | -73.14         | -13.00         | -60.14         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.91G           | 1.911G         | 30k         | 91k         | RMS      | 1.91001G     | -25.39         | -13.00         | -12.39         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.911G          | 1.916G         | 30k         | 91k         | RMS      | 1.9125G      | -31.97         | -13.00         | -18.97         | MBW 1M | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 1.916G          | 5G             | 1M          | 3M          | RMS      | 3.81883G     | -50.70         | -13.00         | -37.70         | -      | -                 |
| 1908.5MHz_RB 1,#RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60175G    | -36.88         | -13.00         | -23.88         | -      | -                 |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                  | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1852.5MHz_RB 25,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.759k     | -65.34         | -13.00         | -52.34         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 194.775k     | -59.59         | -13.00         | -46.59         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 789.75M      | -66.63         | -13.00         | -53.63         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.37988G     | -51.70         | -13.00         | -38.70         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.83847G     | -37.67         | -13.00         | -24.67         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -27.52         | -13.00         | -14.52         | MBW 1M | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.85G        | -35.08         | -13.00         | -22.08         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91076G     | -70.73         | -13.00         | -57.73         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -59.35         | -13.00         | -46.35         | MBW 1M | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.80304G     | -51.93         | -13.00         | -38.93         | -      | -                 |
| 1852.5MHz_RB 25,#RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6385G     | -36.52         | -13.00         | -23.52         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.654k     | -63.56         | -13.00         | -50.56         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.02         | -13.00         | -46.02         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 932.83M      | -67.04         | -13.00         | -54.04         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.35713G     | -51.36         | -13.00         | -38.36         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.78688G     | -51.20         | -13.00         | -38.20         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -38.67         | -13.00         | -25.67         | MBW 1M | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84999G     | -31.82         | -13.00         | -18.82         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91078G     | -70.81         | -13.00         | -57.81         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9125G      | -59.27         | -13.00         | -46.27         | MBW 1M | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81035G     | -52.15         | -13.00         | -39.15         | -      | -                 |
| 1852.5MHz_RB 1,#RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6325G     | -36.74         | -13.00         | -23.74         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.637k     | -61.86         | -13.00         | -48.86         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.76         | -13.00         | -46.76         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 827.1M       | -65.54         | -13.00         | -52.54         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.42994G     | -51.50         | -13.00         | -38.50         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.76847G     | -51.80         | -13.00         | -38.80         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.05         | -13.00         | -46.05         | MBW 1M | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84999G     | -70.66         | -13.00         | -57.66         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91051G     | -70.35         | -13.00         | -57.35         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -58.86         | -13.00         | -45.86         | MBW 1M | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81882G     | -51.92         | -13.00         | -38.92         | -      | -                 |
| 1880MHz_RB 25,#RB 0   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6085G     | -36.43         | -13.00         | -23.43         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.214k     | -63.41         | -13.00         | -50.41         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.79         | -13.00         | -45.79         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 785.15M      | -66.33         | -13.00         | -53.33         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.436G       | -52.17         | -13.00         | -39.17         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.51466G     | -50.66         | -13.00         | -37.66         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.23         | -13.00         | -46.23         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84941G     | -70.76         | -13.00         | -57.76         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91054G     | -70.75         | -13.00         | -57.75         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9145G      | -58.97         | -13.00         | -45.97         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.75491G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1880MHz_RB 1,#RB L    | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.20         | -13.00         | -23.20         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.8k       | -60.55         | -13.00         | -47.55         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -56.63         | -13.00         | -43.63         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 992.24M      | -66.12         | -13.00         | -53.12         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.46306G     | -51.35         | -13.00         | -38.35         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.79291G     | -50.69         | -13.00         | -37.69         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8455G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84956G     | -70.84         | -13.00         | -57.84         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91002G     | -33.20         | -13.00         | -20.20         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -25.75         | -13.00         | -12.75         | MBW 1M | -                 |
| 1907.5MHz_RB 25,#RB 0 | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81882G     | -51.76         | -13.00         | -38.76         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1907.5MHz_RB 25, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60325G    | -36.55         | -13.00         | -23.55         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.962k     | -63.24         | -13.00         | -50.24         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -55.96         | -13.00         | -42.96         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 999.03M      | -66.54         | -13.00         | -53.54         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.15475G     | -51.21         | -13.00         | -38.21         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.71072G     | -49.85         | -13.00         | -36.85         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.27         | -13.00         | -46.27         | MBW 1M | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84943G     | -71.15         | -13.00         | -58.15         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91G        | -30.93         | -13.00         | -17.93         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -41.11         | -13.00         | -28.11         | MBW 1M | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81921G     | -49.21         | -13.00         | -36.21         | -      | -                 |
| 1907.5MHz_RB 1, #RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.67225G    | -36.84         | -13.00         | -23.84         | -      | -                 |
| Band 2_LTE_5MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.509k     | -63.60         | -13.00         | -50.60         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.42         | -13.00         | -47.42         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 961.44M      | -66.24         | -13.00         | -53.24         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.30475G     | -51.82         | -13.00         | -38.82         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.83975G     | -40.64         | -13.00         | -27.64         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -28.19         | -13.00         | -15.19         | MBW 1M | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.85G        | -36.27         | -13.00         | -23.27         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91062G     | -70.71         | -13.00         | -57.71         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9145G      | -59.43         | -13.00         | -46.43         | MBW 1M | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.85155G     | -52.06         | -13.00         | -39.06         | -      | -                 |
| 1852.5MHz_RB 25, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.43         | -13.00         | -23.43         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.218k     | -64.61         | -13.00         | -51.61         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -58.57         | -13.00         | -45.57         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 933.56M      | -66.41         | -13.00         | -53.41         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.47231G     | -51.98         | -13.00         | -38.98         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.76928G     | -50.81         | -13.00         | -37.81         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -39.84         | -13.00         | -26.84         | MBW 1M | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84999G     | -32.18         | -13.00         | -19.18         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91011G     | -70.94         | -13.00         | -57.94         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9135G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.7911G      | -52.11         | -13.00         | -39.11         | -      | -                 |
| 1852.5MHz_RB 1, #RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6265G     | -36.58         | -13.00         | -23.58         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.188k     | -62.01         | -13.00         | -49.01         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -56.64         | -13.00         | -43.64         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 862.5M       | -66.49         | -13.00         | -53.49         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.21256G     | -52.47         | -13.00         | -39.47         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.75224G     | -49.36         | -13.00         | -36.36         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8475G      | -59.31         | -13.00         | -46.31         | MBW 1M | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84993G     | -71.00         | -13.00         | -58.00         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91057G     | -70.71         | -13.00         | -57.71         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -59.23         | -13.00         | -46.23         | MBW 1M | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.86849G     | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1880MHz_RB 25, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.67         | -13.00         | -23.67         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.019k     | -62.98         | -13.00         | -49.98         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -58.73         | -13.00         | -45.73         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 888.94M      | -66.91         | -13.00         | -53.91         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.38444G     | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.66329G     | -50.98         | -13.00         | -37.98         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8455G      | -59.28         | -13.00         | -46.28         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84975G     | -70.98         | -13.00         | -57.98         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91062G     | -70.55         | -13.00         | -57.55         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 1,#RB L             | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9155G      | -59.32         | -13.00         | -46.32         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.8604G      | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1880MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.05         | -13.00         | -23.05         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.064k     | -63.79         | -13.00         | -50.79         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -60.65         | -13.00         | -47.65         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 1G           | -67.05         | -13.00         | -54.05         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.33731G     | -52.43         | -13.00         | -39.43         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.73792G     | -51.12         | -13.00         | -38.12         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8485G      | -59.41         | -13.00         | -46.41         | MBW 1M | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84924G     | -71.06         | -13.00         | -58.06         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91002G     | -35.82         | -13.00         | -22.82         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9115G      | -28.30         | -13.00         | -15.30         | MBW 1M | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.83769G     | -51.83         | -13.00         | -38.83         | -      | -                 |
| 1907.5MHz_RB 25,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6535G     | -36.15         | -13.00         | -23.15         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.553k     | -62.05         | -13.00         | -49.05         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.70         | -13.00         | -46.70         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 798.97M      | -66.85         | -13.00         | -53.85         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.44125G     | -51.13         | -13.00         | -38.13         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.5G            | 1.84G          | 1M          | 3M          | RMS      | 1.77787G     | -50.27         | -13.00         | -37.27         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.84G           | 1.849G         | 51k         | 150k        | RMS      | 1.8475G      | -59.29         | -13.00         | -46.29         | MBW 1M | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.849G          | 1.85G          | 51k         | 150k        | RMS      | 1.84998G     | -70.96         | -13.00         | -57.96         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.91G           | 1.911G         | 51k         | 150k        | RMS      | 1.91G        | -31.95         | -13.00         | -18.95         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.911G          | 1.92G          | 51k         | 150k        | RMS      | 1.9135G      | -42.17         | -13.00         | -29.17         | MBW 1M | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 1.92G           | 5G             | 1M          | 3M          | RMS      | 3.81921G     | -50.89         | -13.00         | -37.89         | -      | -                 |
| 1907.5MHz_RB 1,#RB H           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6265G     | -36.44         | -13.00         | -23.44         | -      | -                 |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.306k     | -63.54         | -13.00         | -50.54         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.67         | -13.00         | -44.67         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 718.94M      | -66.61         | -13.00         | -53.61         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.37894G     | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.80707G     | -51.22         | -13.00         | -38.22         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -31.73         | -13.00         | -18.73         | MBW 1M | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84999G     | -37.86         | -13.00         | -24.86         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91048G     | -68.15         | -13.00         | -55.15         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -59.14         | -13.00         | -46.14         | MBW 1M | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.81153G     | -52.20         | -13.00         | -39.20         | -      | -                 |
| 1855MHz_RB 50,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60025G    | -35.93         | -13.00         | -22.93         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.733k     | -62.86         | -13.00         | -49.86         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -59.50         | -13.00         | -46.50         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 866.14M      | -66.81         | -13.00         | -53.81         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49806G     | -51.39         | -13.00         | -38.39         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.78293G     | -50.39         | -13.00         | -37.39         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8465G      | -41.27         | -13.00         | -28.27         | MBW 1M | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.85G        | -40.54         | -13.00         | -27.54         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91044G     | -67.87         | -13.00         | -54.87         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9185G      | -59.53         | -13.00         | -46.53         | MBW 1M | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.83225G     | -52.22         | -13.00         | -39.22         | -      | -                 |
| 1855MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.607G      | -36.67         | -13.00         | -23.67         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.715k     | -62.53         | -13.00         | -49.53         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.34         | -13.00         | -46.34         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 951.26M      | -66.46         | -13.00         | -53.46         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.47156G     | -51.80         | -13.00         | -38.80         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.82344G     | -51.49         | -13.00         | -38.49         | -      | -                 |
| 1880MHz_RB 50,#RB 0            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -53.52         | -13.00         | -40.52         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 50, #RB 0            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.85G        | -61.18         | -13.00         | -48.18         | -      | -                 |
| 1880MHz_RB 50, #RB 0            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91038G     | -62.18         | -13.00         | -49.18         | -      | -                 |
| 1880MHz_RB 50, #RB 0            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -54.40         | -13.00         | -41.40         | MBW 1M | -                 |
| 1880MHz_RB 50, #RB 0            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.81959G     | -52.00         | -13.00         | -39.00         | -      | -                 |
| 1880MHz_RB 50, #RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6205G     | -36.28         | -13.00         | -23.28         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.609k     | -61.22         | -13.00         | -48.22         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.75         | -13.00         | -45.75         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 973.81M      | -66.86         | -13.00         | -53.86         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.41563G     | -51.51         | -13.00         | -38.51         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.8253G      | -50.00         | -13.00         | -37.00         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8415G      | -59.29         | -13.00         | -46.29         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84943G     | -68.37         | -13.00         | -55.37         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91053G     | -67.97         | -13.00         | -54.97         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9155G      | -59.42         | -13.00         | -46.42         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.75128G     | -51.76         | -13.00         | -38.76         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6235G     | -36.73         | -13.00         | -23.73         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.896k     | -62.91         | -13.00         | -49.91         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -60.50         | -13.00         | -47.50         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 903.97M      | -66.66         | -13.00         | -53.66         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.40513G     | -51.56         | -13.00         | -38.56         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.65254G     | -50.86         | -13.00         | -37.86         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -59.06         | -13.00         | -46.06         | MBW 1M | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84924G     | -67.74         | -13.00         | -54.74         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91003G     | -35.12         | -13.00         | -22.12         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -28.64         | -13.00         | -15.64         | MBW 1M | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.83992G     | -51.95         | -13.00         | -38.95         | -      | -                 |
| 1905MHz_RB 50, #RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6085G     | -36.24         | -13.00         | -23.24         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.214k     | -63.62         | -13.00         | -50.62         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.29         | -13.00         | -46.29         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 742.22M      | -66.91         | -13.00         | -53.91         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49006G     | -52.17         | -13.00         | -39.17         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.81103G     | -51.12         | -13.00         | -38.12         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8465G      | -59.46         | -13.00         | -46.46         | MBW 1M | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84906G     | -68.41         | -13.00         | -55.41         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91G        | -40.22         | -13.00         | -27.22         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -45.82         | -13.00         | -32.82         | MBW 1M | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.81882G     | -50.37         | -13.00         | -37.37         | -      | -                 |
| 1905MHz_RB 1, #RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6535G     | -36.20         | -13.00         | -23.20         | -      | -                 |
| Band 2_LTE_10MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.685k     | -62.43         | -13.00         | -49.43         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.21         | -13.00         | -44.21         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 841.89M      | -66.60         | -13.00         | -53.60         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.39319G     | -51.70         | -13.00         | -38.70         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.82113G     | -51.54         | -13.00         | -38.54         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -32.37         | -13.00         | -19.37         | MBW 1M | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84999G     | -38.88         | -13.00         | -25.88         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91064G     | -68.13         | -13.00         | -55.13         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -59.56         | -13.00         | -46.56         | MBW 1M | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.79618G     | -51.80         | -13.00         | -38.80         | -      | -                 |
| 1855MHz_RB 50, #RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60325G    | -36.63         | -13.00         | -23.63         | -      | -                 |
| 1855MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.694k     | -61.23         | -13.00         | -48.23         | -      | -                 |
| 1855MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -60.85         | -13.00         | -47.85         | -      | -                 |
| 1855MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 912.46M      | -66.69         | -13.00         | -53.69         | -      | -                 |
| 1855MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49375G     | -52.06         | -13.00         | -39.06         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1855MHz_RB 1, #RB L            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.66141G     | -51.76         | -13.00         | -38.76         | -      | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8465G      | -43.15         | -13.00         | -30.15         | MBW 1M | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.85G        | -42.42         | -13.00         | -29.42         | -      | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91015G     | -68.24         | -13.00         | -55.24         | -      | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9295G      | -59.55         | -13.00         | -46.55         | MBW 1M | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.85566G     | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1855MHz_RB 1, #RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62125G    | -36.50         | -13.00         | -23.50         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.64k      | -65.06         | -13.00         | -52.06         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.40         | -13.00         | -42.40         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 975.27M      | -66.37         | -13.00         | -53.37         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.22313G     | -52.04         | -13.00         | -39.04         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.68682G     | -50.94         | -13.00         | -37.94         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -53.75         | -13.00         | -40.75         | MBW 1M | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.8497G      | -61.74         | -13.00         | -48.74         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91045G     | -62.86         | -13.00         | -49.86         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -54.97         | -13.00         | -41.97         | MBW 1M | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.77622G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1880MHz_RB 50, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.649G      | -36.47         | -13.00         | -23.47         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.813k     | -61.91         | -13.00         | -48.91         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.84         | -13.00         | -45.84         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 779.81M      | -66.39         | -13.00         | -53.39         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.44538G     | -52.51         | -13.00         | -39.51         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.78116G     | -50.94         | -13.00         | -37.94         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8415G      | -59.26         | -13.00         | -46.26         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84913G     | -68.49         | -13.00         | -55.49         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91022G     | -67.94         | -13.00         | -54.94         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9275G      | -59.49         | -13.00         | -46.49         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.83417G     | -52.00         | -13.00         | -39.00         | -      | -                 |
| 1880MHz_RB 1, #RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6025G     | -36.33         | -13.00         | -23.33         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.689k     | -62.97         | -13.00         | -49.97         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -56.80         | -13.00         | -43.80         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 995.64M      | -66.98         | -13.00         | -53.98         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.18788G     | -52.40         | -13.00         | -39.40         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.66042G     | -50.44         | -13.00         | -37.44         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8485G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84985G     | -68.17         | -13.00         | -55.17         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91003G     | -37.81         | -13.00         | -24.81         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -30.52         | -13.00         | -17.52         | MBW 1M | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.86679G     | -51.73         | -13.00         | -38.73         | -      | -                 |
| 1905MHz_RB 50, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6385G     | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.878k     | -61.06         | -13.00         | -48.06         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -57.28         | -13.00         | -44.28         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 918.28M      | -66.14         | -13.00         | -53.14         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49431G     | -51.31         | -13.00         | -38.31         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.5G            | 1.83G          | 1M          | 3M          | RMS      | 1.70522G     | -50.14         | -13.00         | -37.14         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.83G           | 1.849G         | 100k        | 300k        | RMS      | 1.8455G      | -59.55         | -13.00         | -46.55         | MBW 1M | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.849G          | 1.85G          | 100k        | 300k        | RMS      | 1.84968G     | -68.52         | -13.00         | -55.52         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.91G           | 1.911G         | 100k        | 300k        | RMS      | 1.91001G     | -41.56         | -13.00         | -28.56         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.911G          | 1.93G          | 100k        | 300k        | RMS      | 1.9115G      | -46.92         | -13.00         | -33.92         | MBW 1M | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 1.93G           | 5G             | 1M          | 3M          | RMS      | 3.81843G     | -51.37         | -13.00         | -38.37         | -      | -                 |
| 1905MHz_RB 1, #RB H            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.72775G    | -36.70         | -13.00         | -23.70         | -      | -                 |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1857.5MHz_RB 75, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.976k     | -63.03         | -13.00         | -50.03         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.59         | -13.00         | -42.59         | -      | -                 |

| Mode                   | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1857.5MHz_RB 75, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 897.42M      | -66.14         | -13.00         | -53.14         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.42713G     | -52.02         | -13.00         | -39.02         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.53756G     | -50.66         | -13.00         | -37.66         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -33.95         | -13.00         | -20.95         | MBW 1M | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.85G        | -38.96         | -13.00         | -25.96         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91095G     | -63.98         | -13.00         | -50.98         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -57.13         | -13.00         | -44.13         | MBW 1M | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.83758G     | -52.08         | -13.00         | -39.08         | -      | -                 |
| 1857.5MHz_RB 75, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60175G    | -36.54         | -13.00         | -23.54         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.87k      | -61.02         | -13.00         | -48.02         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -55.61         | -13.00         | -42.61         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 917.55M      | -66.76         | -13.00         | -53.76         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.29375G     | -51.78         | -13.00         | -38.78         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.5506G      | -51.68         | -13.00         | -38.68         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8445G      | -44.03         | -13.00         | -31.03         | MBW 1M | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84999G     | -43.29         | -13.00         | -30.29         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91055G     | -66.50         | -13.00         | -53.50         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9315G      | -57.90         | -13.00         | -44.90         | MBW 1M | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.83988G     | -52.25         | -13.00         | -39.25         | -      | -                 |
| 1857.5MHz_RB 1, #RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62125G    | -36.56         | -13.00         | -23.56         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.654k     | -61.80         | -13.00         | -48.80         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -57.00         | -13.00         | -44.00         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 999.27M      | -66.67         | -13.00         | -53.67         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.24144G     | -51.54         | -13.00         | -38.54         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.70356G     | -51.41         | -13.00         | -38.41         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -46.08         | -13.00         | -33.08         | MBW 1M | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84999G     | -51.84         | -13.00         | -38.84         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91006G     | -51.39         | -13.00         | -38.39         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -46.31         | -13.00         | -33.31         | MBW 1M | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.81157G     | -52.07         | -13.00         | -39.07         | -      | -                 |
| 1880MHz_RB 75, #RB 0   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.63025G    | -36.50         | -13.00         | -23.50         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.214k     | -62.30         | -13.00         | -49.30         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -58.80         | -13.00         | -45.80         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 928.71M      | -66.29         | -13.00         | -53.29         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.36069G     | -51.63         | -13.00         | -38.63         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.69348G     | -50.82         | -13.00         | -37.82         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8415G      | -56.20         | -13.00         | -43.20         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84931G     | -66.69         | -13.00         | -53.69         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91083G     | -66.50         | -13.00         | -53.50         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -59.25         | -13.00         | -46.25         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.74655G     | -52.17         | -13.00         | -39.17         | -      | -                 |
| 1880MHz_RB 1, #RB L    | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60175G    | -36.56         | -13.00         | -23.56         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.835k     | -62.27         | -13.00         | -49.27         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.87         | -13.00         | -42.87         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 863.47M      | -65.97         | -13.00         | -52.97         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.25225G     | -50.78         | -13.00         | -37.78         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.56596G     | -51.30         | -13.00         | -38.30         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -54.63         | -13.00         | -41.63         | MBW 1M | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84928G     | -61.41         | -13.00         | -48.41         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91004G     | -35.78         | -13.00         | -22.78         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -30.45         | -13.00         | -17.45         | MBW 1M | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.80392G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.613G      | -36.34         | -13.00         | -23.34         | -      | -                 |
| 1902.5MHz_RB 1, #RB H  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.082k     | -63.06         | -13.00         | -50.06         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1902.5MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -56.53         | -13.00         | -43.53         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 905.67M      | -66.34         | -13.00         | -53.34         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.11844G     | -52.48         | -13.00         | -39.48         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.80056G     | -51.33         | -13.00         | -38.33         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8455G      | -59.40         | -13.00         | -46.40         | MBW 1M | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84909G     | -66.64         | -13.00         | -53.64         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91004G     | -43.59         | -13.00         | -30.59         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -46.77         | -13.00         | -33.77         | MBW 1M | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.81808G     | -50.72         | -13.00         | -37.72         | -      | -                 |
| 1902.5MHz_RB 1,#RB H            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62125G    | -36.37         | -13.00         | -23.37         | -      | -                 |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.5k       | -64.97         | -13.00         | -51.97         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -56.70         | -13.00         | -43.70         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 992M         | -66.76         | -13.00         | -53.76         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.305G       | -52.03         | -13.00         | -39.03         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.75248G     | -51.53         | -13.00         | -38.53         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -34.80         | -13.00         | -21.80         | MBW 1M | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84997G     | -40.46         | -13.00         | -27.46         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91011G     | -64.97         | -13.00         | -51.97         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9315G      | -57.85         | -13.00         | -44.85         | MBW 1M | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.84447G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1857.5MHz_RB 75,#RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.634G      | -36.90         | -13.00         | -23.90         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.381k     | -62.27         | -13.00         | -49.27         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -53.87         | -13.00         | -40.87         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 934.53M      | -66.10         | -13.00         | -53.10         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.24388G     | -52.05         | -13.00         | -39.05         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.59652G     | -50.89         | -13.00         | -37.89         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8445G      | -46.04         | -13.00         | -33.04         | MBW 1M | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.85G        | -44.13         | -13.00         | -31.13         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91091G     | -66.57         | -13.00         | -53.57         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9315G      | -57.83         | -13.00         | -44.83         | MBW 1M | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.83223G     | -51.86         | -13.00         | -38.86         | -      | -                 |
| 1857.5MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62425G    | -36.32         | -13.00         | -23.32         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.794k     | -62.88         | -13.00         | -49.88         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -57.75         | -13.00         | -44.75         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 793.15M      | -66.68         | -13.00         | -53.68         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.39113G     | -51.38         | -13.00         | -38.38         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.6812G      | -50.63         | -13.00         | -37.63         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -48.11         | -13.00         | -35.11         | MBW 1M | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84993G     | -54.23         | -13.00         | -41.23         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91006G     | -54.77         | -13.00         | -41.77         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -48.82         | -13.00         | -35.82         | MBW 1M | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.79972G     | -52.03         | -13.00         | -39.03         | -      | -                 |
| 1880MHz_RB 75,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.64825G    | -36.73         | -13.00         | -23.73         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.835k     | -63.92         | -13.00         | -50.92         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -56.03         | -13.00         | -43.03         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 968.72M      | -66.57         | -13.00         | -53.57         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.396G       | -51.32         | -13.00         | -38.32         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.77272G     | -50.47         | -13.00         | -37.47         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8415G      | -55.95         | -13.00         | -42.95         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84907G     | -66.52         | -13.00         | -53.52         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91043G     | -66.85         | -13.00         | -53.85         | -      | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -59.39         | -13.00         | -46.39         | MBW 1M | -                 |
| 1880MHz_RB 1,#RB L              | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.87392G     | -52.19         | -13.00         | -39.19         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 1, #RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6235G     | -36.66         | -13.00         | -23.66         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.032k     | -62.77         | -13.00         | -49.77         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -54.19         | -13.00         | -41.19         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 749.98M      | -66.50         | -13.00         | -53.50         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49663G     | -51.52         | -13.00         | -38.52         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.69804G     | -50.66         | -13.00         | -37.66         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8485G      | -56.45         | -13.00         | -43.45         | MBW 1M | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84994G     | -63.51         | -13.00         | -50.51         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91004G     | -38.05         | -13.00         | -25.05         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -32.17         | -13.00         | -19.17         | MBW 1M | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.82687G     | -52.09         | -13.00         | -39.09         | -      | -                 |
| 1902.5MHz_RB 75, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.66325G    | -36.21         | -13.00         | -23.21         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.579k     | -61.83         | -13.00         | -48.83         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -53.88         | -13.00         | -40.88         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 876.08M      | -66.21         | -13.00         | -53.21         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.48988G     | -52.22         | -13.00         | -39.22         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.5G            | 1.82G          | 1M          | 3M          | RMS      | 1.62992G     | -51.18         | -13.00         | -38.18         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.82G           | 1.849G         | 150k        | 470k        | RMS      | 1.8445G      | -59.39         | -13.00         | -46.39         | MBW 1M | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.849G          | 1.85G          | 150k        | 470k        | RMS      | 1.84988G     | -66.58         | -13.00         | -53.58         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.91G           | 1.911G         | 150k        | 470k        | RMS      | 1.91003G     | -45.07         | -13.00         | -32.07         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.911G          | 1.94G          | 150k        | 470k        | RMS      | 1.9115G      | -47.79         | -13.00         | -34.79         | MBW 1M | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 1.94G           | 5G             | 1M          | 3M          | RMS      | 3.81808G     | -50.23         | -13.00         | -37.23         | -      | -                 |
| 1902.5MHz_RB 1, #RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.65725G    | -36.20         | -13.00         | -23.20         | -      | -                 |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.887k     | -62.86         | -13.00         | -49.86         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.72         | -13.00         | -42.72         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 869.29M      | -65.98         | -13.00         | -52.98         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49163G     | -51.55         | -13.00         | -38.55         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.60804G     | -50.89         | -13.00         | -37.89         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -35.12         | -13.00         | -22.12         | MBW 1M | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84996G     | -38.90         | -13.00         | -25.90         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91026G     | -59.27         | -13.00         | -46.27         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -54.37         | -13.00         | -41.37         | MBW 1M | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.83986G     | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1860MHz_RB 100, #RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62425G    | -36.51         | -13.00         | -23.51         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.46k      | -63.15         | -13.00         | -50.15         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -54.16         | -13.00         | -41.16         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 795.33M      | -66.70         | -13.00         | -53.70         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.22038G     | -52.33         | -13.00         | -39.33         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.67771G     | -51.44         | -13.00         | -38.44         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -46.75         | -13.00         | -33.75         | MBW 1M | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84999G     | -45.49         | -13.00         | -32.49         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91098G     | -65.49         | -13.00         | -52.49         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9315G      | -58.11         | -13.00         | -45.11         | MBW 1M | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.83376G     | -51.91         | -13.00         | -38.91         | -      | -                 |
| 1860MHz_RB 1, #RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6115G     | -35.92         | -13.00         | -22.92         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.791k     | -61.63         | -13.00         | -48.63         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -54.88         | -13.00         | -41.88         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 884.33M      | -66.08         | -13.00         | -53.08         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.18094G     | -51.63         | -13.00         | -38.63         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.64248G     | -51.17         | -13.00         | -38.17         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8415G      | -45.00         | -13.00         | -32.00         | MBW 1M | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84971G     | -50.82         | -13.00         | -37.82         | -      | -                 |
| 1880MHz_RB 100, #RB 0          | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91095G     | -49.29         | -13.00         | -36.29         | -      | -                 |

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz_RB 100, #RB 0           | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -44.00         | -13.00         | -31.00         | MBW 1M | -                 |
| 1880MHz_RB 100, #RB 0           | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.81889G     | -51.99         | -13.00         | -38.99         | -      | -                 |
| 1880MHz_RB 100, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.607G      | -36.50         | -13.00         | -23.50         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.596k     | -61.42         | -13.00         | -48.42         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.06M        | -58.69         | -13.00         | -45.69         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 790.97M      | -66.63         | -13.00         | -53.63         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3G         | -52.51         | -13.00         | -39.51         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.65795G     | -51.19         | -13.00         | -38.19         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8415G      | -51.58         | -13.00         | -38.58         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84949G     | -65.59         | -13.00         | -52.59         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91022G     | -65.41         | -13.00         | -52.41         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9185G      | -59.24         | -13.00         | -46.24         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.88942G     | -52.24         | -13.00         | -39.24         | -      | -                 |
| 1880MHz_RB 1, #RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6205G     | -36.59         | -13.00         | -23.59         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.403k     | -63.44         | -13.00         | -50.44         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -58.26         | -13.00         | -45.26         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 759.44M      | -65.69         | -13.00         | -52.69         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.22925G     | -51.41         | -13.00         | -38.41         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.80027G     | -50.99         | -13.00         | -37.99         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -49.77         | -13.00         | -36.77         | MBW 1M | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84986G     | -55.18         | -13.00         | -42.18         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91003G     | -36.75         | -13.00         | -23.75         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -32.84         | -13.00         | -19.84         | MBW 1M | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.81584G     | -51.96         | -13.00         | -38.96         | -      | -                 |
| 1900MHz_RB 100, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6145G     | -36.55         | -13.00         | -23.55         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.659k     | -60.99         | -13.00         | -47.99         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -52.84         | -13.00         | -39.84         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 968.72M      | -66.80         | -13.00         | -53.80         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.34488G     | -51.89         | -13.00         | -38.89         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.71444G     | -50.89         | -13.00         | -37.89         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8465G      | -59.55         | -13.00         | -46.55         | MBW 1M | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.8491G      | -65.77         | -13.00         | -52.77         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91G        | -45.66         | -13.00         | -32.66         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -47.22         | -13.00         | -34.22         | MBW 1M | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.81774G     | -50.42         | -13.00         | -37.42         | -      | -                 |
| 1900MHz_RB 1, #RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61375G    | -36.48         | -13.00         | -23.48         | -      | -                 |
| Band 2_LTE_20MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.483k     | -62.20         | -13.00         | -49.20         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -52.54         | -13.00         | -39.54         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 888.21M      | -65.49         | -13.00         | -52.49         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.385G       | -51.52         | -13.00         | -38.52         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.79345G     | -51.09         | -13.00         | -38.09         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -36.33         | -13.00         | -23.33         | MBW 1M | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84999G     | -40.30         | -13.00         | -27.30         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91023G     | -60.54         | -13.00         | -47.54         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -55.75         | -13.00         | -42.75         | MBW 1M | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.84481G     | -51.66         | -13.00         | -38.66         | -      | -                 |
| 1860MHz_RB 100, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60475G    | -36.08         | -13.00         | -23.08         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.134k     | -63.42         | -13.00         | -50.42         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -54.45         | -13.00         | -41.45         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 915.13M      | -66.76         | -13.00         | -53.76         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.37856G     | -51.50         | -13.00         | -38.50         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.59246G     | -51.46         | -13.00         | -38.46         | -      | -                 |
| 1860MHz_RB 1, #RB L             | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -47.73         | -13.00         | -34.73         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.4

| Mode                  | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1860MHz_RB 1, #RB L   | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.85G        | -47.22         | -13.00         | -34.22         | -      | -                 |
| 1860MHz_RB 1, #RB L   | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91055G     | -66.00         | -13.00         | -53.00         | -      | -                 |
| 1860MHz_RB 1, #RB L   | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9325G      | -58.13         | -13.00         | -45.13         | MBW 1M | -                 |
| 1860MHz_RB 1, #RB L   | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.8654G      | -52.03         | -13.00         | -39.03         | -      | -                 |
| 1860MHz_RB 1, #RB L   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.634G      | -36.59         | -13.00         | -23.59         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.024k     | -60.34         | -13.00         | -47.34         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -54.64         | -13.00         | -41.64         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 907.12M      | -66.50         | -13.00         | -53.50         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.38819G     | -50.89         | -13.00         | -37.89         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.75583G     | -51.42         | -13.00         | -38.42         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -45.14         | -13.00         | -32.14         | MBW 1M | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84968G     | -50.56         | -13.00         | -37.56         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.911G       | -49.71         | -13.00         | -36.71         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -44.45         | -13.00         | -31.45         | MBW 1M | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.79144G     | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1880MHz_RB 100, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60475G    | -35.80         | -13.00         | -22.80         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.086k     | -64.22         | -13.00         | -51.22         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.38         | -13.00         | -42.38         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 800.42M      | -66.90         | -13.00         | -53.90         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.45625G     | -51.14         | -13.00         | -38.14         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.67728G     | -50.94         | -13.00         | -37.94         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8415G      | -51.41         | -13.00         | -38.41         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84951G     | -65.65         | -13.00         | -52.65         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91086G     | -65.51         | -13.00         | -52.51         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9185G      | -59.35         | -13.00         | -46.35         | MBW 1M | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.78191G     | -52.23         | -13.00         | -39.23         | -      | -                 |
| 1880MHz_RB 1, #RB L   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61075G    | -36.26         | -13.00         | -23.26         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.49k      | -62.94         | -13.00         | -49.94         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -56.15         | -13.00         | -43.15         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 966.05M      | -66.43         | -13.00         | -53.43         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3785G      | -52.45         | -13.00         | -39.45         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.6731G      | -51.62         | -13.00         | -38.62         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8485G      | -51.79         | -13.00         | -38.79         | MBW 1M | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84983G     | -56.04         | -13.00         | -43.04         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91G        | -38.59         | -13.00         | -25.59         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -33.74         | -13.00         | -20.74         | MBW 1M | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.86349G     | -51.93         | -13.00         | -38.93         | -      | -                 |
| 1900MHz_RB 100, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61G       | -36.30         | -13.00         | -23.30         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.349k     | -64.98         | -13.00         | -51.98         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.02         | -13.00         | -42.02         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 871.48M      | -65.84         | -13.00         | -52.84         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.32244G     | -51.15         | -13.00         | -38.15         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.5G            | 1.81G          | 1M          | 3M          | RMS      | 1.52573G     | -50.74         | -13.00         | -37.74         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.81G           | 1.849G         | 200k        | 620k        | RMS      | 1.8455G      | -59.67         | -13.00         | -46.67         | MBW 1M | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.849G          | 1.85G          | 200k        | 620k        | RMS      | 1.84926G     | -65.79         | -13.00         | -52.79         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.91G           | 1.911G         | 200k        | 620k        | RMS      | 1.91G        | -46.89         | -13.00         | -33.89         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.911G          | 1.95G          | 200k        | 620k        | RMS      | 1.9115G      | -48.04         | -13.00         | -35.04         | MBW 1M | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 1.95G           | 5G             | 1M          | 3M          | RMS      | 3.81736G     | -51.12         | -13.00         | -38.12         | -      | -                 |
| 1900MHz_RB 1, #RB H   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.604G      | -36.14         | -13.00         | -23.14         | -      | -                 |

**<Mode 5> EUT 2 + LTE Band 4 Link****Summary**

| Mode                      | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 4                    | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -23.31         | -13.00         | -10.31         | MBW 1M | -                 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -27.38         | -13.00         | -14.38         | MBW 1M | -                 |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -18.92         | -13.00         | -5.92          | MBW 1M | -                 |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -23.24         | -13.00         | -10.24         | MBW 1M | -                 |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -21.38         | -13.00         | -8.38          | MBW 1M | -                 |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -25.51         | -13.00         | -12.51         | MBW 1M | -                 |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -26.03         | -13.00         | -13.03         | MBW 1M | -                 |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -29.45         | -13.00         | -16.45         | MBW 1M | -                 |
| LTE_15MHz_Nss1,QPSK_1TX   | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -29.03         | -13.00         | -16.03         | MBW 1M | -                 |
| LTE_15MHz_Nss1,16QAM_1TX  | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -31.94         | -13.00         | -18.94         | MBW 1M | -                 |
| LTE_20MHz_Nss1,QPSK_1TX   | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -31.20         | -13.00         | -18.20         | MBW 1M | -                 |
| LTE_20MHz_Nss1,16QAM_1TX  | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -33.27         | -13.00         | -20.27         | MBW 1M | -                 |



## Result

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.227k     | -58.28         | -13.00         | -45.28         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.53         | -13.00         | -45.53         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 770.98M      | -63.48         | -13.00         | -50.48         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.348G       | -54.50         | -13.00         | -41.50         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.70616G     | -36.66         | -13.00         | -23.66         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -23.31         | -13.00         | -10.31         | MBW 1M | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70997G     | -26.13         | -13.00         | -13.13         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75501G     | -69.66         | -13.00         | -56.66         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -57.76         | -13.00         | -44.76         | MBW 1M | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 2.11039G     | -42.70         | -13.00         | -29.70         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.64G       | -36.54         | -13.00         | -23.54         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.75k      | -57.07         | -13.00         | -44.07         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.33         | -13.00         | -48.33         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 942.82M      | -63.66         | -13.00         | -50.66         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3415G      | -54.39         | -13.00         | -41.39         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.70616G     | -42.38         | -13.00         | -29.38         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -38.64         | -13.00         | -25.64         | MBW 1M | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70997G     | -24.58         | -13.00         | -11.58         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75531G     | -70.88         | -13.00         | -57.88         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7573G      | -56.96         | -13.00         | -43.96         | MBW 1M | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 2.11039G     | -41.91         | -13.00         | -28.91         | -      | -                 |
| 1710.7MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.77         | -13.00         | -23.77         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.715k     | -62.82         | -13.00         | -49.82         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -56.68         | -13.00         | -43.68         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 910.23M      | -63.11         | -13.00         | -50.11         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.489G       | -55.00         | -13.00         | -42.00         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.62121G     | -54.48         | -13.00         | -41.48         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7077G      | -57.74         | -13.00         | -44.74         | MBW 1M | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70989G     | -70.09         | -13.00         | -57.09         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75544G     | -69.48         | -13.00         | -56.48         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -57.75         | -13.00         | -44.75         | MBW 1M | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 3.78377G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6145G     | -36.73         | -13.00         | -23.73         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.377k     | -61.94         | -13.00         | -48.94         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.63         | -13.00         | -42.63         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 821.81M      | -62.85         | -13.00         | -49.85         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.2805G      | -55.18         | -13.00         | -42.18         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.65312G     | -54.14         | -13.00         | -41.14         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7077G      | -57.68         | -13.00         | -44.68         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70916G     | -70.87         | -13.00         | -57.87         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.7554G      | -69.54         | -13.00         | -56.54         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -57.49         | -13.00         | -44.49         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 3.81903G     | -52.06         | -13.00         | -38.06         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.622G      | -36.53         | -13.00         | -23.53         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.429k     | -62.77         | -13.00         | -49.77         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.21         | -13.00         | -49.21         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 867.89M      | -63.26         | -13.00         | -50.26         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.2745G      | -54.24         | -13.00         | -41.24         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.69207G     | -54.26         | -13.00         | -41.26         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7077G      | -57.38         | -13.00         | -44.38         | MBW 1M | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70932G     | -70.60         | -13.00         | -57.60         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0            | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75503G     | -33.44         | -13.00         | -20.44         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1754.3MHz_RB 6,#RB 0             | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -31.80         | -13.00         | -18.80         | MBW 1M | -                 |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 1.7578G      | -42.78         | -13.00         | -29.78         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.616G      | -36.74         | -13.00         | -23.74         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.654k     | -62.33         | -13.00         | -49.33         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -62.40         | -13.00         | -49.40         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 925.6M       | -62.94         | -13.00         | -49.94         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4825G      | -55.08         | -13.00         | -42.08         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.66908G     | -53.83         | -13.00         | -40.83         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -57.12         | -13.00         | -44.12         | MBW 1M | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70909G     | -71.87         | -13.00         | -58.87         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75508G     | -33.29         | -13.00         | -20.29         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -41.56         | -13.00         | -28.56         | MBW 1M | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 1.75902G     | -47.51         | -13.00         | -34.51         | -      | -                 |
| 1754.3MHz_RB 1,#RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60025G    | -36.68         | -13.00         | -23.68         | -      | -                 |
| Band 4_LTE_1.4MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.166k     | -58.33         | -13.00         | -45.33         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.35         | -13.00         | -45.35         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 907.61M      | -63.42         | -13.00         | -50.42         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.237G       | -54.53         | -13.00         | -41.53         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.70699G     | -39.69         | -13.00         | -26.69         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -27.38         | -13.00         | -14.38         | MBW 1M | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70997G     | -31.16         | -13.00         | -18.16         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.7553G      | -70.46         | -13.00         | -57.46         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7573G      | -57.54         | -13.00         | -44.54         | MBW 1M | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 2.11039G     | -42.90         | -13.00         | -29.90         | -      | -                 |
| 1710.7MHz_RB 6,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6025G     | -36.59         | -13.00         | -23.59         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.16k      | -59.19         | -13.00         | -46.19         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -60.42         | -13.00         | -47.42         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 912.07M      | -62.13         | -13.00         | -49.13         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4855G      | -54.41         | -13.00         | -41.41         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.7072G      | -41.98         | -13.00         | -28.98         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -39.03         | -13.00         | -26.03         | MBW 1M | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70991G     | -27.95         | -13.00         | -14.95         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75502G     | -70.48         | -13.00         | -57.48         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7573G      | -57.76         | -13.00         | -44.76         | MBW 1M | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 2.11039G     | -42.36         | -13.00         | -29.36         | -      | -                 |
| 1710.7MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61G       | -36.41         | -13.00         | -23.41         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.024k     | -63.33         | -13.00         | -50.33         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -57.65         | -13.00         | -44.65         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 983.07M      | -63.27         | -13.00         | -50.27         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3885G      | -54.63         | -13.00         | -41.63         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.67053G     | -53.88         | -13.00         | -40.88         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -57.15         | -13.00         | -44.15         | MBW 1M | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70927G     | -71.28         | -13.00         | -58.28         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75595G     | -70.81         | -13.00         | -57.81         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7573G      | -57.56         | -13.00         | -44.56         | MBW 1M | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 3.88793G     | -51.95         | -13.00         | -38.95         | -      | -                 |
| 1732.5MHz_RB 6,#RB 0             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.75         | -13.00         | -23.75         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.65k      | -64.06         | -13.00         | -51.06         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.03         | -13.00         | -49.03         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 865.32M      | -63.21         | -13.00         | -50.21         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.475G       | -54.87         | -13.00         | -41.87         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.57501G     | -53.62         | -13.00         | -40.62         | -      | -                 |
| 1732.5MHz_RB 1,#RB L             | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -57.68         | -13.00         | -44.68         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70919G     | -71.71         | -13.00         | -58.71         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75579G     | -70.54         | -13.00         | -57.54         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -57.21         | -13.00         | -44.21         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 3.85469G     | -51.98         | -13.00         | -38.98         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.64075G    | -36.58         | -13.00         | -23.58         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.483k     | -61.85         | -13.00         | -48.85         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.27         | -13.00         | -48.27         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 876.37M      | -62.94         | -13.00         | -49.94         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.303G       | -53.94         | -13.00         | -40.94         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.6179G      | -53.96         | -13.00         | -40.96         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -57.54         | -13.00         | -44.54         | MBW 1M | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70938G     | -72.23         | -13.00         | -59.23         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.75503G     | -35.65         | -13.00         | -22.65         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -32.29         | -13.00         | -19.29         | MBW 1M | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 1.7578G      | -45.75         | -13.00         | -32.75         | -      | -                 |
| 1754.3MHz_RB 6,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60175G    | -36.00         | -13.00         | -23.00         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.041k     | -64.68         | -13.00         | -51.68         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 202.238k     | -62.09         | -13.00         | -49.09         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 867.26M      | -62.99         | -13.00         | -49.99         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.0565G      | -54.37         | -13.00         | -41.37         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.5G            | 1.7072G        | 1M          | 3M          | RMS      | 1.63779G     | -53.82         | -13.00         | -40.82         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.7072G         | 1.709G         | 15k         | 43k         | RMS      | 1.7085G      | -57.78         | -13.00         | -44.78         | MBW 1M | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.709G          | 1.71G          | 15k         | 43k         | RMS      | 1.70937G     | -70.76         | -13.00         | -57.76         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.755G          | 1.756G         | 15k         | 43k         | RMS      | 1.7551G      | -35.89         | -13.00         | -22.89         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.756G          | 1.7578G        | 15k         | 43k         | RMS      | 1.7565G      | -42.64         | -13.00         | -29.64         | MBW 1M | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 1.7578G         | 5G             | 1M          | 3M          | RMS      | 1.7578G      | -48.11         | -13.00         | -35.11         | -      | -                 |
| 1754.3MHz_RB 1,#RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6205G     | -36.23         | -13.00         | -23.23         | -      | -                 |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.223k     | -61.64         | -13.00         | -48.64         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 224.625k     | -63.22         | -13.00         | -50.22         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 942.09M      | -63.36         | -13.00         | -50.36         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.247G       | -54.88         | -13.00         | -41.88         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.70359G     | -38.13         | -13.00         | -25.13         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -18.92         | -13.00         | -5.92          | MBW 1M | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.71G        | -28.89         | -13.00         | -15.89         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75574G     | -73.01         | -13.00         | -60.01         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7595G      | -56.88         | -13.00         | -43.88         | MBW 1M | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.78538G     | -51.71         | -13.00         | -38.71         | -      | -                 |
| 1711.5MHz_RB 15,#RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.622G      | -36.32         | -13.00         | -23.32         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.496k     | -62.20         | -13.00         | -49.20         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.21         | -13.00         | -44.21         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 888.69M      | -62.99         | -13.00         | -49.99         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4955G      | -54.34         | -13.00         | -41.34         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.70359G     | -48.75         | -13.00         | -35.75         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7075G      | -30.87         | -13.00         | -17.87         | MBW 1M | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.71G        | -19.25         | -13.00         | -6.25          | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.7558G      | -72.99         | -13.00         | -59.99         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7595G      | -57.28         | -13.00         | -44.28         | MBW 1M | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.41937G     | -48.28         | -13.00         | -35.28         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6025G     | -36.24         | -13.00         | -23.24         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.602k     | -63.99         | -13.00         | -50.99         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.81         | -13.00         | -47.81         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 894.71M      | -63.05         | -13.00         | -50.05         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4115G      | -54.45         | -13.00         | -41.45         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.58588G     | -54.43         | -13.00         | -41.43         | -      | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7075G      | -57.18         | -13.00         | -44.18         | MBW 1M | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70948G     | -73.15         | -13.00         | -60.15         | -      | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75566G     | -73.14         | -13.00         | -60.14         | -      | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7585G      | -57.51         | -13.00         | -44.51         | MBW 1M | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.79469G     | -52.16         | -13.00         | -39.16         | -      | -                 |
| 1732.5MHz_RB 15, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.64         | -13.00         | -23.64         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.438k     | -63.42         | -13.00         | -50.42         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -62.99         | -13.00         | -49.99         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 972.89M      | -63.30         | -13.00         | -50.30         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3815G      | -53.65         | -13.00         | -40.65         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.57385G     | -54.66         | -13.00         | -41.66         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7045G      | -56.69         | -13.00         | -43.69         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70923G     | -72.80         | -13.00         | -59.80         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75535G     | -72.82         | -13.00         | -59.82         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7585G      | -57.47         | -13.00         | -44.47         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.46148G     | -51.67         | -13.00         | -38.67         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60325G    | -36.71         | -13.00         | -23.71         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.596k     | -63.25         | -13.00         | -50.25         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.68         | -13.00         | -47.68         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 998.25M      | -63.68         | -13.00         | -50.68         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4265G      | -53.35         | -13.00         | -40.35         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.64015G     | -53.77         | -13.00         | -40.77         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -56.66         | -13.00         | -43.66         | MBW 1M | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70917G     | -73.29         | -13.00         | -60.29         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.755G       | -33.56         | -13.00         | -20.56         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7565G      | -27.40         | -13.00         | -14.40         | MBW 1M | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 1.761G       | -45.41         | -13.00         | -32.41         | -      | -                 |
| 1753.5MHz_RB 15, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.655G      | -36.85         | -13.00         | -23.85         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.654k     | -62.69         | -13.00         | -49.69         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.63         | -13.00         | -46.63         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 825.74M      | -62.50         | -13.00         | -49.50         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.461G       | -54.47         | -13.00         | -41.47         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.56365G     | -54.25         | -13.00         | -41.25         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7075G      | -56.46         | -13.00         | -43.46         | MBW 1M | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70969G     | -72.87         | -13.00         | -59.87         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.755G       | -28.75         | -13.00         | -15.75         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7575G      | -34.66         | -13.00         | -21.66         | MBW 1M | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.50844G     | -51.38         | -13.00         | -38.38         | -      | -                 |
| 1753.5MHz_RB 1, #RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60175G    | -36.55         | -13.00         | -23.55         | -      | -                 |
| Band 4_LTE_3MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.275k     | -63.31         | -13.00         | -50.31         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.71         | -13.00         | -47.71         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 838.64M      | -63.03         | -13.00         | -50.03         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3415G      | -55.14         | -13.00         | -42.14         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.70318G     | -41.64         | -13.00         | -28.64         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -23.24         | -13.00         | -10.24         | MBW 1M | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70999G     | -32.76         | -13.00         | -19.76         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75506G     | -73.24         | -13.00         | -60.24         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7575G      | -57.76         | -13.00         | -44.76         | MBW 1M | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.83032G     | -52.17         | -13.00         | -39.17         | -      | -                 |
| 1711.5MHz_RB 15, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.64225G    | -36.63         | -13.00         | -23.63         | -      | -                 |
| 1711.5MHz_RB 1, #RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.68k      | -63.21         | -13.00         | -50.21         | -      | -                 |
| 1711.5MHz_RB 1, #RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.47         | -13.00         | -48.47         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1711.5MHz_RB 1,#RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 904.84M      | -63.25         | -13.00         | -50.25         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4615G      | -54.24         | -13.00         | -41.24         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.7038G      | -48.97         | -13.00         | -35.97         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7085G      | -29.63         | -13.00         | -16.63         | MBW 1M | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.71G        | -24.04         | -13.00         | -11.04         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75548G     | -73.17         | -13.00         | -60.17         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7605G      | -56.84         | -13.00         | -43.84         | MBW 1M | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.41937G     | -48.59         | -13.00         | -35.59         | -      | -                 |
| 1711.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6085G     | -36.05         | -13.00         | -23.05         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.188k     | -61.30         | -13.00         | -48.30         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.39         | -13.00         | -47.39         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 946.36M      | -63.60         | -13.00         | -50.60         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.451G       | -55.08         | -13.00         | -42.08         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.56038G     | -53.45         | -13.00         | -40.45         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7065G      | -57.33         | -13.00         | -44.33         | MBW 1M | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70953G     | -73.08         | -13.00         | -60.08         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75543G     | -72.94         | -13.00         | -59.94         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7565G      | -56.91         | -13.00         | -43.91         | MBW 1M | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.77282G     | -52.16         | -13.00         | -39.16         | -      | -                 |
| 1732.5MHz_RB 15,#RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.637G      | -36.52         | -13.00         | -23.52         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.778k     | -62.39         | -13.00         | -49.39         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.99         | -13.00         | -46.99         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 636.3M       | -63.45         | -13.00         | -50.45         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4295G      | -54.72         | -13.00         | -41.72         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.67564G     | -53.54         | -13.00         | -40.54         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7075G      | -56.88         | -13.00         | -43.88         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70999G     | -73.25         | -13.00         | -60.25         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75528G     | -73.05         | -13.00         | -60.05         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7575G      | -56.85         | -13.00         | -43.85         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.82424G     | -51.92         | -13.00         | -38.92         | -      | -                 |
| 1732.5MHz_RB 1,#RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6985G     | -36.25         | -13.00         | -23.25         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.49k      | -63.21         | -13.00         | -50.21         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.82         | -13.00         | -45.82         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 892.23M      | -63.10         | -13.00         | -50.10         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.439G       | -54.93         | -13.00         | -41.93         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.62954G     | -53.89         | -13.00         | -40.89         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7045G      | -57.51         | -13.00         | -44.51         | MBW 1M | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70976G     | -73.26         | -13.00         | -60.26         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.755G       | -35.82         | -13.00         | -22.82         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7565G      | -28.97         | -13.00         | -15.97         | MBW 1M | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 1.761G       | -48.67         | -13.00         | -35.67         | -      | -                 |
| 1753.5MHz_RB 15,#RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6055G     | -36.49         | -13.00         | -23.49         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.566k     | -63.91         | -13.00         | -50.91         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.36         | -13.00         | -46.36         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 709M         | -63.50         | -13.00         | -50.50         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3335G      | -54.94         | -13.00         | -41.94         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.5G            | 1.704G         | 1M          | 3M          | RMS      | 1.60158G     | -53.57         | -13.00         | -40.57         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.704G          | 1.709G         | 30k         | 91k         | RMS      | 1.7065G      | -57.03         | -13.00         | -44.03         | MBW 1M | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.709G          | 1.71G          | 30k         | 91k         | RMS      | 1.70927G     | -73.06         | -13.00         | -60.06         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.755G          | 1.756G         | 30k         | 91k         | RMS      | 1.75501G     | -29.70         | -13.00         | -16.70         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.756G          | 1.761G         | 30k         | 91k         | RMS      | 1.7575G      | -38.63         | -13.00         | -25.63         | MBW 1M | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 1.761G          | 5G             | 1M          | 3M          | RMS      | 3.8291G      | -52.02         | -13.00         | -39.02         | -      | -                 |
| 1753.5MHz_RB 1,#RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61525G    | -36.63         | -13.00         | -23.63         | -      | -                 |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                  | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1712.5MHz_RB 25,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.271k     | -62.12         | -13.00         | -49.12         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 187.312k     | -61.88         | -13.00         | -48.88         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 752.02M      | -62.67         | -13.00         | -49.67         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4425G      | -53.56         | -13.00         | -40.56         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6988G      | -39.06         | -13.00         | -26.06         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -21.38         | -13.00         | -8.38          | MBW 1M | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70984G     | -30.45         | -13.00         | -17.45         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75544G     | -71.15         | -13.00         | -58.15         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7635G      | -59.48         | -13.00         | -46.48         | MBW 1M | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.85683G     | -51.95         | -13.00         | -38.95         | -      | -                 |
| 1712.5MHz_RB 25,#RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62425G    | -36.74         | -13.00         | -23.74         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.121k     | -62.41         | -13.00         | -49.41         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.96         | -13.00         | -48.96         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 997.96M      | -62.99         | -13.00         | -49.99         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4455G      | -54.35         | -13.00         | -41.35         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.5528G      | -53.70         | -13.00         | -40.70         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -36.81         | -13.00         | -23.81         | MBW 1M | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.71G        | -26.46         | -13.00         | -13.46         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75508G     | -71.22         | -13.00         | -58.22         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7575G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.4197G      | -48.03         | -13.00         | -35.03         | -      | -                 |
| 1712.5MHz_RB 1,#RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60025G    | -36.75         | -13.00         | -23.75         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.192k     | -65.94         | -13.00         | -52.94         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.89         | -13.00         | -45.89         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 987.58M      | -63.34         | -13.00         | -50.34         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.297G       | -55.55         | -13.00         | -42.55         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6344G      | -54.19         | -13.00         | -41.19         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -57.18         | -13.00         | -44.18         | MBW 1M | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70999G     | -67.45         | -13.00         | -54.45         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75558G     | -68.13         | -13.00         | -55.13         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -57.72         | -13.00         | -44.72         | MBW 1M | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.81195G     | -52.23         | -13.00         | -39.23         | -      | -                 |
| 1732.5MHz_RB 25,#RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61225G    | -36.74         | -13.00         | -23.74         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.848k     | -62.44         | -13.00         | -49.44         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.22         | -13.00         | -46.22         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 875.89M      | -62.90         | -13.00         | -49.90         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.29G        | -55.46         | -13.00         | -42.46         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.661G       | -54.34         | -13.00         | -41.34         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7055G      | -59.38         | -13.00         | -46.38         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70936G     | -71.26         | -13.00         | -58.26         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75599G     | -71.05         | -13.00         | -58.05         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7615G      | -59.35         | -13.00         | -46.35         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.81761G     | -52.11         | -13.00         | -39.11         | -      | -                 |
| 1732.5MHz_RB 1,#RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.655G      | -36.94         | -13.00         | -23.94         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.87k      | -63.43         | -13.00         | -50.43         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.76         | -13.00         | -47.76         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 976.28M      | -62.98         | -13.00         | -49.98         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4635G      | -54.63         | -13.00         | -41.63         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6394G      | -53.81         | -13.00         | -40.81         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7075G      | -59.59         | -13.00         | -46.59         | MBW 1M | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70964G     | -71.06         | -13.00         | -58.06         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.755G       | -35.91         | -13.00         | -22.91         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7575G      | -27.83         | -13.00         | -14.83         | MBW 1M | -                 |
| 1752.5MHz_RB 25,#RB 0 | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 1.7654G      | -48.60         | -13.00         | -35.60         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1752.5MHz_RB 25, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.646G      | -36.49         | -13.00         | -23.49         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.134k     | -65.01         | -13.00         | -52.01         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 239.55k      | -62.61         | -13.00         | -49.61         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 909.84M      | -62.96         | -13.00         | -49.96         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4535G      | -54.83         | -13.00         | -41.83         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6466G      | -54.34         | -13.00         | -41.34         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -59.49         | -13.00         | -46.49         | MBW 1M | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70985G     | -71.34         | -13.00         | -58.34         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.755G       | -31.80         | -13.00         | -18.80         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -39.39         | -13.00         | -26.39         | MBW 1M | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.50826G     | -51.33         | -13.00         | -38.33         | -      | -                 |
| 1752.5MHz_RB 1, #RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.604G      | -36.92         | -13.00         | -23.92         | -      | -                 |
| Band 4_LTE_5MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.715k     | -61.91         | -13.00         | -48.91         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.21         | -13.00         | -44.21         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 889.81M      | -63.57         | -13.00         | -50.57         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4925G      | -55.87         | -13.00         | -42.87         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6962G      | -44.05         | -13.00         | -31.05         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -25.51         | -13.00         | -12.51         | MBW 1M | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70999G     | -34.21         | -13.00         | -21.21         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75534G     | -71.39         | -13.00         | -58.39         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7625G      | -59.53         | -13.00         | -46.53         | MBW 1M | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.78526G     | -52.16         | -13.00         | -39.16         | -      | -                 |
| 1712.5MHz_RB 25, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61525G    | -36.88         | -13.00         | -23.88         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.108k     | -62.72         | -13.00         | -49.72         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -62.05         | -13.00         | -49.05         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 911.39M      | -63.31         | -13.00         | -50.31         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.421G       | -54.84         | -13.00         | -41.84         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6364G      | -53.82         | -13.00         | -40.82         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -38.04         | -13.00         | -25.04         | MBW 1M | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.71G        | -29.27         | -13.00         | -16.27         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75502G     | -71.09         | -13.00         | -58.09         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7585G      | -59.48         | -13.00         | -46.48         | MBW 1M | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.4193G      | -49.55         | -13.00         | -36.55         | -      | -                 |
| 1712.5MHz_RB 1, #RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61G       | -36.47         | -13.00         | -23.47         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.672k     | -62.79         | -13.00         | -49.79         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.94         | -13.00         | -45.94         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 835.83M      | -63.07         | -13.00         | -50.07         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.436G       | -55.19         | -13.00         | -42.19         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6752G      | -53.94         | -13.00         | -40.94         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -57.96         | -13.00         | -44.96         | MBW 1M | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.7095G      | -69.18         | -13.00         | -56.18         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75512G     | -69.72         | -13.00         | -56.72         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -58.46         | -13.00         | -45.46         | MBW 1M | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.84753G     | -52.25         | -13.00         | -39.25         | -      | -                 |
| 1732.5MHz_RB 25, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60775G    | -36.72         | -13.00         | -23.72         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.765k     | -64.39         | -13.00         | -51.39         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.30         | -13.00         | -46.30         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 747.61M      | -62.46         | -13.00         | -49.46         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.104G       | -55.00         | -13.00         | -42.00         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6728G      | -54.08         | -13.00         | -41.08         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7085G      | -59.41         | -13.00         | -46.41         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70973G     | -71.24         | -13.00         | -58.24         | -      | -                 |
| 1732.5MHz_RB 1, #RB L          | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.75597G     | -70.96         | -13.00         | -57.96         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7575G      | -59.39         | -13.00         | -46.39         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.79658G     | -52.06         | -13.00         | -39.06         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6145G     | -36.42         | -13.00         | -23.42         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.372k     | -63.20         | -13.00         | -50.20         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.12         | -13.00         | -46.12         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 912.8M       | -62.78         | -13.00         | -49.78         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.451G       | -55.16         | -13.00         | -42.16         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.6484G      | -53.86         | -13.00         | -40.86         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7065G      | -59.61         | -13.00         | -46.61         | MBW 1M | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.70962G     | -71.10         | -13.00         | -58.10         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.755G       | -38.17         | -13.00         | -25.17         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -30.13         | -13.00         | -17.13         | MBW 1M | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 1.7654G      | -47.87         | -13.00         | -34.87         | -      | -                 |
| 1752.5MHz_RB 25,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61975G    | -36.48         | -13.00         | -23.48         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.518k     | -61.22         | -13.00         | -48.22         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.79         | -13.00         | -45.79         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 954.7M       | -63.39         | -13.00         | -50.39         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.457G       | -54.01         | -13.00         | -41.01         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.5G            | 1.7G           | 1M          | 3M          | RMS      | 1.697G       | -54.58         | -13.00         | -41.58         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.7G            | 1.709G         | 51k         | 150k        | RMS      | 1.7075G      | -59.56         | -13.00         | -46.56         | MBW 1M | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.709G          | 1.71G          | 51k         | 150k        | RMS      | 1.7097G      | -70.89         | -13.00         | -57.89         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.755G          | 1.756G         | 51k         | 150k        | RMS      | 1.755G       | -32.12         | -13.00         | -19.12         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.756G          | 1.765G         | 51k         | 150k        | RMS      | 1.7565G      | -40.99         | -13.00         | -27.99         | MBW 1M | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 1.765G          | 5G             | 1M          | 3M          | RMS      | 3.50826G     | -52.00         | -13.00         | -39.00         | -      | -                 |
| 1752.5MHz_RB 1,#RB H           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61G       | -36.74         | -13.00         | -23.74         | -      | -                 |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.223k     | -63.16         | -13.00         | -50.16         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -57.50         | -13.00         | -44.50         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 872.93M      | -63.29         | -13.00         | -50.29         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4995G      | -54.60         | -13.00         | -41.60         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.68943G     | -47.26         | -13.00         | -34.26         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -26.03         | -13.00         | -13.03         | MBW 1M | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70999G     | -32.66         | -13.00         | -19.66         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75573G     | -64.40         | -13.00         | -51.40         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7575G      | -55.62         | -13.00         | -42.62         | MBW 1M | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.83376G     | -52.07         | -13.00         | -39.07         | -      | -                 |
| 1715MHz_RB 50,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.649G      | -36.64         | -13.00         | -23.64         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.125k     | -64.08         | -13.00         | -51.08         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 194.775k     | -63.21         | -13.00         | -50.21         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 962.84M      | -63.49         | -13.00         | -50.49         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.371G       | -53.92         | -13.00         | -40.92         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.57087G     | -54.15         | -13.00         | -41.15         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7065G      | -38.35         | -13.00         | -25.35         | MBW 1M | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.71G        | -35.46         | -13.00         | -22.46         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.7557G      | -68.52         | -13.00         | -55.52         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7625G      | -59.48         | -13.00         | -46.48         | MBW 1M | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.42015G     | -46.99         | -13.00         | -33.99         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.655G      | -36.19         | -13.00         | -23.19         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.509k     | -62.62         | -13.00         | -49.62         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -61.21         | -13.00         | -48.21         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 876.42M      | -63.52         | -13.00         | -50.52         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.49G        | -54.65         | -13.00         | -41.65         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.61818G     | -53.97         | -13.00         | -40.97         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -48.31         | -13.00         | -35.31         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 50, #RB 0          | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70991G     | -56.34         | -13.00         | -43.34         | -      | -                 |
| 1732.5MHz_RB 50, #RB 0          | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75592G     | -59.18         | -13.00         | -46.18         | -      | -                 |
| 1732.5MHz_RB 50, #RB 0          | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7595G      | -49.99         | -13.00         | -36.99         | MBW 1M | -                 |
| 1732.5MHz_RB 50, #RB 0          | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.86037G     | -52.19         | -13.00         | -39.19         | -      | -                 |
| 1732.5MHz_RB 50, #RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6115G     | -36.60         | -13.00         | -23.60         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.271k     | -63.56         | -13.00         | -50.56         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.00         | -13.00         | -48.00         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 836.12M      | -62.55         | -13.00         | -49.55         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.495G       | -54.52         | -13.00         | -41.52         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.64383G     | -53.68         | -13.00         | -40.68         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -58.73         | -13.00         | -45.73         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70901G     | -67.67         | -13.00         | -54.67         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75524G     | -68.48         | -13.00         | -55.48         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7665G      | -59.17         | -13.00         | -46.17         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.79466G     | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6025G     | -36.26         | -13.00         | -23.26         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.147k     | -61.73         | -13.00         | -48.73         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -60.04         | -13.00         | -47.04         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 896.21M      | -63.34         | -13.00         | -50.34         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4595G      | -54.38         | -13.00         | -41.38         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.63167G     | -54.29         | -13.00         | -41.29         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7075G      | -55.71         | -13.00         | -42.71         | MBW 1M | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70942G     | -64.67         | -13.00         | -51.67         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.755G       | -35.01         | -13.00         | -22.01         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7565G      | -29.19         | -13.00         | -16.19         | MBW 1M | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 1.77581G     | -51.53         | -13.00         | -38.53         | -      | -                 |
| 1750MHz_RB 50, #RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.65125G    | -36.59         | -13.00         | -23.59         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.68k      | -63.28         | -13.00         | -50.28         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.86         | -13.00         | -46.86         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 871.62M      | -63.27         | -13.00         | -50.27         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4015G      | -55.18         | -13.00         | -42.18         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.62692G     | -54.10         | -13.00         | -41.10         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7055G      | -59.58         | -13.00         | -46.58         | MBW 1M | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70947G     | -68.65         | -13.00         | -55.65         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75501G     | -40.89         | -13.00         | -27.89         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7585G      | -40.93         | -13.00         | -27.93         | MBW 1M | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.82812G     | -51.79         | -13.00         | -38.79         | -      | -                 |
| 1750MHz_RB 1, #RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.703G      | -36.45         | -13.00         | -23.45         | -      | -                 |
| Band 4_LTE_10MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.73k      | -61.47         | -13.00         | -48.47         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 194.775k     | -61.18         | -13.00         | -48.18         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 924.58M      | -63.33         | -13.00         | -50.33         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.481G       | -54.65         | -13.00         | -41.65         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.68905G     | -49.17         | -13.00         | -36.17         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -29.45         | -13.00         | -16.45         | MBW 1M | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70999G     | -36.28         | -13.00         | -23.28         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75574G     | -65.29         | -13.00         | -52.29         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7575G      | -57.03         | -13.00         | -44.03         | MBW 1M | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.81118G     | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1715MHz_RB 50, #RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.619G      | -36.47         | -13.00         | -23.47         | -      | -                 |
| 1715MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.16k      | -65.37         | -13.00         | -52.37         | -      | -                 |
| 1715MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.65         | -13.00         | -48.65         | -      | -                 |
| 1715MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 827.73M      | -62.48         | -13.00         | -49.48         | -      | -                 |
| 1715MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.411G       | -53.94         | -13.00         | -40.94         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1715MHz_RB 1,#RB L             | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.62635G     | -52.88         | -13.00         | -39.88         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7065G      | -39.98         | -13.00         | -26.98         | MBW 1M | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.71G        | -38.03         | -13.00         | -25.03         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75578G     | -68.52         | -13.00         | -55.52         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7575G      | -59.49         | -13.00         | -46.49         | MBW 1M | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.42015G     | -49.26         | -13.00         | -36.26         | -      | -                 |
| 1715MHz_RB 1,#RB L             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61825G    | -36.68         | -13.00         | -23.68         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.941k     | -63.05         | -13.00         | -50.05         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 202.238k     | -60.72         | -13.00         | -47.72         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 863.28M      | -63.51         | -13.00         | -50.51         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.468G       | -54.82         | -13.00         | -41.82         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.63167G     | -54.59         | -13.00         | -41.59         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -49.91         | -13.00         | -36.91         | MBW 1M | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70981G     | -57.77         | -13.00         | -44.77         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75527G     | -59.06         | -13.00         | -46.06         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7565G      | -50.87         | -13.00         | -37.87         | MBW 1M | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.84384G     | -52.04         | -13.00         | -39.04         | -      | -                 |
| 1732.5MHz_RB 50,#RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.64975G    | -36.42         | -13.00         | -23.42         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.984k     | -63.37         | -13.00         | -50.37         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.38         | -13.00         | -46.38         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 837.38M      | -63.19         | -13.00         | -50.19         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.457G       | -54.01         | -13.00         | -41.01         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.67594G     | -54.04         | -13.00         | -41.04         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -58.92         | -13.00         | -45.92         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70901G     | -67.82         | -13.00         | -54.82         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75528G     | -68.42         | -13.00         | -55.42         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7665G      | -59.40         | -13.00         | -46.40         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.88012G     | -51.92         | -13.00         | -38.92         | -      | -                 |
| 1732.5MHz_RB 1,#RB L           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.66625G    | -36.91         | -13.00         | -23.91         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.83k      | -63.00         | -13.00         | -50.00         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.84         | -13.00         | -44.84         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 876.37M      | -62.86         | -13.00         | -49.86         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4885G      | -53.86         | -13.00         | -40.86         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.56384G     | -54.32         | -13.00         | -41.32         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7085G      | -57.11         | -13.00         | -44.11         | MBW 1M | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70936G     | -65.64         | -13.00         | -52.64         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75501G     | -38.50         | -13.00         | -25.50         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7565G      | -31.25         | -13.00         | -18.25         | MBW 1M | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.86883G     | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1750MHz_RB 50,#RB 0            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62425G    | -36.57         | -13.00         | -23.57         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.808k     | -63.09         | -13.00         | -50.09         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.22         | -13.00         | -44.22         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 923.66M      | -62.34         | -13.00         | -49.34         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.459G       | -54.48         | -13.00         | -41.48         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.5G            | 1.69G          | 1M          | 3M          | RMS      | 1.67062G     | -53.51         | -13.00         | -40.51         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.69G           | 1.709G         | 100k        | 300k        | RMS      | 1.7065G      | -59.61         | -13.00         | -46.61         | MBW 1M | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.709G          | 1.71G          | 100k        | 300k        | RMS      | 1.70966G     | -68.57         | -13.00         | -55.57         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.755G          | 1.756G         | 100k        | 300k        | RMS      | 1.75501G     | -42.03         | -13.00         | -29.03         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.756G          | 1.775G         | 100k        | 300k        | RMS      | 1.7585G      | -42.72         | -13.00         | -29.72         | MBW 1M | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 1.775G          | 5G             | 1M          | 3M          | RMS      | 3.8515G      | -51.99         | -13.00         | -38.99         | -      | -                 |
| 1750MHz_RB 1,#RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.613G      | -36.52         | -13.00         | -23.52         | -      | -                 |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1717.5MHz_RB 75,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.284k     | -64.37         | -13.00         | -51.37         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.23         | -13.00         | -48.23         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                   | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1717.5MHz_RB 75, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 983.03M      | -62.40         | -13.00         | -49.40         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4285G      | -54.44         | -13.00         | -41.44         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.65372G     | -52.69         | -13.00         | -39.69         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -29.03         | -13.00         | -16.03         | MBW 1M | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70999G     | -33.91         | -13.00         | -20.91         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75588G     | -53.46         | -13.00         | -40.46         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7575G      | -48.31         | -13.00         | -35.31         | MBW 1M | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.82452G     | -52.02         | -13.00         | -39.02         | -      | -                 |
| 1717.5MHz_RB 75, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60475G    | -36.64         | -13.00         | -23.64         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.076k     | -63.54         | -13.00         | -50.54         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.77         | -13.00         | -46.77         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 866.43M      | -63.25         | -13.00         | -50.25         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.299G       | -55.13         | -13.00         | -42.13         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.63734G     | -53.13         | -13.00         | -40.13         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7045G      | -39.78         | -13.00         | -26.78         | MBW 1M | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70999G     | -39.97         | -13.00         | -26.97         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75591G     | -55.71         | -13.00         | -42.71         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -58.94         | -13.00         | -45.94         | MBW 1M | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.42063G     | -46.92         | -13.00         | -33.92         | -      | -                 |
| 1717.5MHz_RB 1, #RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.616G      | -36.33         | -13.00         | -23.33         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.342k     | -62.15         | -13.00         | -49.15         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -60.42         | -13.00         | -47.42         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 870.31M      | -63.69         | -13.00         | -50.69         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.1975G      | -53.91         | -13.00         | -40.91         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.56174G     | -53.80         | -13.00         | -40.80         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7065G      | -43.50         | -13.00         | -30.50         | MBW 1M | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70901G     | -50.83         | -13.00         | -37.83         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75513G     | -49.32         | -13.00         | -36.32         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -42.73         | -13.00         | -29.73         | MBW 1M | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.84983G     | -52.20         | -13.00         | -39.20         | -      | -                 |
| 1732.5MHz_RB 75, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6175G     | -36.68         | -13.00         | -23.68         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.028k     | -64.34         | -13.00         | -51.34         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.26         | -13.00         | -46.26         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 838.79M      | -62.87         | -13.00         | -49.87         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.2925G      | -55.50         | -13.00         | -42.50         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.52844G     | -53.97         | -13.00         | -40.97         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.6845G      | -53.89         | -13.00         | -40.89         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70967G     | -65.74         | -13.00         | -52.74         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75578G     | -66.33         | -13.00         | -53.33         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7705G      | -56.36         | -13.00         | -43.36         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.83456G     | -51.89         | -13.00         | -38.89         | -      | -                 |
| 1732.5MHz_RB 1, #RB L  | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.49         | -13.00         | -23.49         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.294k     | -62.76         | -13.00         | -49.76         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.94         | -13.00         | -47.94         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 889.03M      | -61.36         | -13.00         | -48.36         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.426G       | -54.47         | -13.00         | -41.47         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.5702G      | -53.66         | -13.00         | -40.66         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7075G      | -48.67         | -13.00         | -35.67         | MBW 1M | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70912G     | -53.53         | -13.00         | -40.53         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75501G     | -35.10         | -13.00         | -22.10         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -29.44         | -13.00         | -16.44         | MBW 1M | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.77107G     | -51.75         | -13.00         | -38.75         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.604G      | -36.41         | -13.00         | -23.41         | -      | -                 |
| 1747.5MHz_RB 1, #RB H  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -61.96         | -13.00         | -48.96         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1747.5MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.08         | -13.00         | -47.08         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 883.65M      | -63.04         | -13.00         | -50.04         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.45G        | -53.26         | -13.00         | -40.26         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.62942G     | -54.01         | -13.00         | -41.01         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -58.77         | -13.00         | -45.77         | MBW 1M | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.7091G      | -54.18         | -13.00         | -41.18         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.755G       | -43.36         | -13.00         | -30.36         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7605G      | -43.41         | -13.00         | -30.41         | MBW 1M | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.50744G     | -52.06         | -13.00         | -39.06         | -      | -                 |
| 1747.5MHz_RB 1,#RB H            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6325G     | -36.60         | -13.00         | -23.60         | -      | -                 |
| Band 4_LTE_15MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.984k     | -65.01         | -13.00         | -52.01         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -60.04         | -13.00         | -47.04         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 831.07M      | -63.70         | -13.00         | -50.70         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3545G      | -54.34         | -13.00         | -41.34         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.6764G      | -53.51         | -13.00         | -40.51         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -32.10         | -13.00         | -19.10         | MBW 1M | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70998G     | -38.33         | -13.00         | -25.33         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75592G     | -54.40         | -13.00         | -41.40         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -50.43         | -13.00         | -37.43         | MBW 1M | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 4.75526G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1717.5MHz_RB 75,#RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60625G    | -36.57         | -13.00         | -23.57         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.984k     | -64.37         | -13.00         | -51.37         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -54.43         | -13.00         | -41.43         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 578.78M      | -63.39         | -13.00         | -50.39         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.2285G      | -54.92         | -13.00         | -41.92         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.63896G     | -54.03         | -13.00         | -41.03         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7045G      | -41.72         | -13.00         | -28.72         | MBW 1M | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70996G     | -41.11         | -13.00         | -28.11         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75589G     | -55.60         | -13.00         | -42.60         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -59.09         | -13.00         | -46.09         | MBW 1M | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.42063G     | -49.65         | -13.00         | -36.65         | -      | -                 |
| 1717.5MHz_RB 1,#RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.63475G    | -36.60         | -13.00         | -23.60         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.297k     | -64.19         | -13.00         | -51.19         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.28         | -13.00         | -46.28         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 860.71M      | -63.03         | -13.00         | -50.03         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.3285G      | -54.49         | -13.00         | -41.49         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.59792G     | -54.45         | -13.00         | -41.45         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -43.87         | -13.00         | -30.87         | MBW 1M | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70956G     | -50.62         | -13.00         | -37.62         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75516G     | -49.99         | -13.00         | -36.99         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -43.63         | -13.00         | -30.63         | MBW 1M | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.80683G     | -51.77         | -13.00         | -38.77         | -      | -                 |
| 1732.5MHz_RB 75,#RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62575G    | -36.27         | -13.00         | -23.27         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.557k     | -63.76         | -13.00         | -50.76         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.47         | -13.00         | -48.47         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 997.43M      | -62.84         | -13.00         | -49.84         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4085G      | -54.43         | -13.00         | -41.43         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.51098G     | -53.00         | -13.00         | -40.00         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.6945G      | -53.78         | -13.00         | -40.78         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70954G     | -65.99         | -13.00         | -52.99         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75593G     | -66.33         | -13.00         | -53.33         | -      | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7705G      | -56.31         | -13.00         | -43.31         | MBW 1M | -                 |
| 1732.5MHz_RB 1,#RB L            | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.75861G     | -51.79         | -13.00         | -38.79         | -      | -                 |

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 1, #RB L          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61075G    | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.156k     | -62.53         | -13.00         | -49.53         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.37         | -13.00         | -47.37         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 996.17M      | -62.93         | -13.00         | -49.93         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.1975G      | -54.60         | -13.00         | -41.60         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.62528G     | -54.76         | -13.00         | -41.76         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7075G      | -50.68         | -13.00         | -37.68         | MBW 1M | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.7091G      | -53.97         | -13.00         | -40.97         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75503G     | -38.39         | -13.00         | -25.39         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7565G      | -31.94         | -13.00         | -18.94         | MBW 1M | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.80281G     | -51.92         | -13.00         | -38.92         | -      | -                 |
| 1747.5MHz_RB 75, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.619G      | -35.96         | -13.00         | -22.96         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.42k      | -63.60         | -13.00         | -50.60         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -60.75         | -13.00         | -47.75         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 868.47M      | -63.50         | -13.00         | -50.50         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.365G       | -53.90         | -13.00         | -40.90         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.5G            | 1.68G          | 1M          | 3M          | RMS      | 1.55886G     | -54.43         | -13.00         | -41.43         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.68G           | 1.709G         | 150k        | 470k        | RMS      | 1.7085G      | -58.77         | -13.00         | -45.77         | MBW 1M | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.709G          | 1.71G          | 150k        | 470k        | RMS      | 1.70911G     | -53.98         | -13.00         | -40.98         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.755G          | 1.756G         | 150k        | 470k        | RMS      | 1.75501G     | -45.22         | -13.00         | -32.22         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.756G          | 1.785G         | 150k        | 470k        | RMS      | 1.7605G      | -45.24         | -13.00         | -32.24         | MBW 1M | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 1.785G          | 5G             | 1M          | 3M          | RMS      | 3.50703G     | -51.77         | -13.00         | -38.77         | -      | -                 |
| 1747.5MHz_RB 1, #RB H          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6025G     | -36.37         | -13.00         | -23.37         | -      | -                 |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.624k     | -63.59         | -13.00         | -50.59         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.64         | -13.00         | -45.64         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 859.93M      | -62.73         | -13.00         | -49.73         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4015G      | -54.55         | -13.00         | -41.55         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.62954G     | -54.04         | -13.00         | -41.04         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7075G      | -31.59         | -13.00         | -18.59         | MBW 1M | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70995G     | -35.22         | -13.00         | -22.22         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.7558G      | -47.99         | -13.00         | -34.99         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7585G      | -42.12         | -13.00         | -29.12         | MBW 1M | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.843G       | -51.90         | -13.00         | -38.90         | -      | -                 |
| 1720MHz_RB 100, #RB 0          | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60775G    | -36.50         | -13.00         | -23.50         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.835k     | -63.15         | -13.00         | -50.15         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 239.55k      | -62.69         | -13.00         | -49.69         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 888.94M      | -63.08         | -13.00         | -50.08         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.442G       | -54.95         | -13.00         | -41.95         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.64229G     | -53.39         | -13.00         | -40.39         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7025G      | -42.18         | -13.00         | -29.18         | MBW 1M | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70999G     | -42.48         | -13.00         | -29.48         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75563G     | -65.22         | -13.00         | -52.22         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7585G      | -49.08         | -13.00         | -36.08         | MBW 1M | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.42114G     | -47.17         | -13.00         | -34.17         | -      | -                 |
| 1720MHz_RB 1, #RB L            | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.646G      | -35.81         | -13.00         | -22.81         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.891k     | -62.66         | -13.00         | -49.66         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.39         | -13.00         | -46.39         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 995M         | -62.45         | -13.00         | -49.45         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4995G      | -54.17         | -13.00         | -41.17         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.59418G     | -54.51         | -13.00         | -41.51         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7085G      | -37.79         | -13.00         | -24.79         | MBW 1M | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70978G     | -43.05         | -13.00         | -30.05         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0        | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75572G     | -43.77         | -13.00         | -30.77         | -      | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1732.5MHz_RB 100, #RB 0         | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7575G      | -38.17         | -13.00         | -25.17         | MBW 1M | -                 |
| 1732.5MHz_RB 100, #RB 0         | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.81054G     | -52.10         | -13.00         | -39.10         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0         | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61675G    | -36.27         | -13.00         | -23.27         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.588k     | -61.85         | -13.00         | -48.85         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.49         | -13.00         | -48.49         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 942.29M      | -62.95         | -13.00         | -49.95         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4755G      | -52.90         | -13.00         | -39.90         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.63226G     | -52.90         | -13.00         | -39.90         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.6945G      | -48.87         | -13.00         | -35.87         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70964G     | -64.05         | -13.00         | -51.05         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75513G     | -65.03         | -13.00         | -52.03         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7595G      | -43.60         | -13.00         | -30.60         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.44598G     | -51.34         | -13.00         | -38.34         | -      | -                 |
| 1732.5MHz_RB 1, #RB L           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61375G    | -36.39         | -13.00         | -23.39         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.279k     | -64.64         | -13.00         | -51.64         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.19         | -13.00         | -47.19         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 866.24M      | -63.31         | -13.00         | -50.31         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4045G      | -54.99         | -13.00         | -41.99         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.54658G     | -54.14         | -13.00         | -41.14         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7065G      | -41.17         | -13.00         | -28.17         | MBW 1M | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70935G     | -46.56         | -13.00         | -33.56         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75506G     | -35.21         | -13.00         | -22.21         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -31.20         | -13.00         | -18.20         | MBW 1M | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.81896G     | -51.98         | -13.00         | -38.98         | -      | -                 |
| 1745MHz_RB 100, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61G       | -36.38         | -13.00         | -23.38         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.06k      | -62.32         | -13.00         | -49.32         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -56.57         | -13.00         | -43.57         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 745.57M      | -63.22         | -13.00         | -50.22         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.355G       | -54.73         | -13.00         | -41.73         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.61152G     | -53.99         | -13.00         | -40.99         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7065G      | -47.80         | -13.00         | -34.80         | MBW 1M | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70934G     | -65.42         | -13.00         | -52.42         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75501G     | -45.22         | -13.00         | -32.22         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -45.50         | -13.00         | -32.50         | MBW 1M | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.50647G     | -51.86         | -13.00         | -38.86         | -      | -                 |
| 1745MHz_RB 1, #RB H             | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61225G    | -36.29         | -13.00         | -23.29         | -      | -                 |
| Band 4_LTE_20MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.208k     | -63.24         | -13.00         | -50.24         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.36         | -13.00         | -44.36         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 809.69M      | -62.80         | -13.00         | -49.80         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.238G       | -54.77         | -13.00         | -41.77         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.65453G     | -53.63         | -13.00         | -40.63         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7085G      | -34.55         | -13.00         | -21.55         | MBW 1M | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70998G     | -38.78         | -13.00         | -25.78         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75504G     | -49.43         | -13.00         | -36.43         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7585G      | -43.84         | -13.00         | -30.84         | MBW 1M | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.87665G     | -52.25         | -13.00         | -39.25         | -      | -                 |
| 1720MHz_RB 100, #RB 0           | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.61675G    | -36.55         | -13.00         | -23.55         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.82k      | -63.85         | -13.00         | -50.85         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -57.84         | -13.00         | -44.84         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 922.93M      | -62.88         | -13.00         | -49.88         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.4425G      | -54.21         | -13.00         | -41.21         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.5867G      | -53.13         | -13.00         | -40.13         | -      | -                 |
| 1720MHz_RB 1, #RB L             | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7025G      | -43.85         | -13.00         | -30.85         | MBW 1M | -                 |



## CSE-TX-Sum Results

## Appendix D.5

| Mode                    | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1720MHz_RB 1, #RB L     | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70999G     | -43.98         | -13.00         | -30.98         | -      | -                 |
| 1720MHz_RB 1, #RB L     | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75576G     | -65.49         | -13.00         | -52.49         | -      | -                 |
| 1720MHz_RB 1, #RB L     | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7585G      | -48.83         | -13.00         | -35.83         | MBW 1M | -                 |
| 1720MHz_RB 1, #RB L     | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.42074G     | -48.68         | -13.00         | -35.68         | -      | -                 |
| 1720MHz_RB 1, #RB L     | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.60925G    | -36.41         | -13.00         | -23.41         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.948k     | -65.23         | -13.00         | -52.23         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.38         | -13.00         | -46.38         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 891.46M      | -63.26         | -13.00         | -50.26         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.274G       | -54.86         | -13.00         | -41.86         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.65827G     | -53.82         | -13.00         | -40.82         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7085G      | -40.63         | -13.00         | -27.63         | MBW 1M | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70995G     | -45.69         | -13.00         | -32.69         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.7552G      | -46.39         | -13.00         | -33.39         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7585G      | -40.52         | -13.00         | -27.52         | MBW 1M | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.849G       | -52.18         | -13.00         | -39.18         | -      | -                 |
| 1732.5MHz_RB 100, #RB 0 | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.62425G    | -36.53         | -13.00         | -23.53         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.06k      | -62.24         | -13.00         | -49.24         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.51         | -13.00         | -48.51         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 929.97M      | -63.21         | -13.00         | -50.21         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.477G       | -54.65         | -13.00         | -41.65         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.63566G     | -54.06         | -13.00         | -41.06         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.6945G      | -48.72         | -13.00         | -35.72         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.7094G      | -64.06         | -13.00         | -51.06         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75591G     | -65.03         | -13.00         | -52.03         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7595G      | -45.52         | -13.00         | -32.52         | MBW 1M | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.81054G     | -52.09         | -13.00         | -39.09         | -      | -                 |
| 1732.5MHz_RB 1, #RB L   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.601G      | -36.82         | -13.00         | -23.82         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.486k     | -62.22         | -13.00         | -49.22         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 187.312k     | -60.22         | -13.00         | -47.22         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 792.95M      | -62.94         | -13.00         | -49.94         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.0105G      | -54.90         | -13.00         | -41.90         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.61577G     | -53.07         | -13.00         | -40.07         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7085G      | -43.66         | -13.00         | -30.66         | MBW 1M | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70902G     | -48.72         | -13.00         | -35.72         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.755G       | -38.25         | -13.00         | -25.25         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -33.27         | -13.00         | -20.27         | MBW 1M | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.80854G     | -52.08         | -13.00         | -39.08         | -      | -                 |
| 1745MHz_RB 100, #RB 0   | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.63025G    | -36.20         | -13.00         | -23.20         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.954k     | -62.75         | -13.00         | -49.75         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -60.95         | -13.00         | -47.95         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 30M             | 1G             | 100k        | 300k        | RMS      | 883.7M       | -63.23         | -13.00         | -50.23         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1G              | 1.5G           | 1M          | 3M          | RMS      | 1.261G       | -54.91         | -13.00         | -41.91         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.5G            | 1.67G          | 1M          | 3M          | RMS      | 1.53434G     | -54.16         | -13.00         | -41.16         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.67G           | 1.709G         | 200k        | 620k        | RMS      | 1.7065G      | -47.78         | -13.00         | -34.78         | MBW 1M | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.709G          | 1.71G          | 200k        | 620k        | RMS      | 1.70936G     | -65.29         | -13.00         | -52.29         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.755G          | 1.756G         | 200k        | 620k        | RMS      | 1.75501G     | -46.41         | -13.00         | -33.41         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.756G          | 1.795G         | 200k        | 620k        | RMS      | 1.7565G      | -46.57         | -13.00         | -33.57         | MBW 1M | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 1.795G          | 5G             | 1M          | 3M          | RMS      | 3.83778G     | -52.13         | -13.00         | -39.13         | -      | -                 |
| 1745MHz_RB 1, #RB H     | Pass   | 5G              | 20G            | 1M          | 3M          | RMS      | 13.6055G     | -36.16         | -13.00         | -23.16         | -      | -                 |

**<Mode 6> EUT 2 + LTE Band 5 Link****Summary**

| Mode                      | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 5                    | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -28.43         | -13.00         | -15.43         | -        | -                 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -28.68         | -13.00         | -15.68         | MBW 100k | -                 |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -25.16         | -13.00         | -12.16         | -        | -                 |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -26.08         | -13.00         | -13.08         | -        | -                 |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.54         | -13.00         | -17.54         | -        | -                 |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.82         | -13.00         | -17.82         | -        | -                 |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -34.90         | -13.00         | -21.90         | MBW 100k | -                 |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.05M      | -34.03         | -13.00         | -21.03         | MBW 100k | -                 |



## Result

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 5_LTE_1.4MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.143k     | -62.51         | -13.00         | -49.51         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.62         | -13.00         | -48.62         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 420.22M      | -66.29         | -13.00         | -53.29         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 820.96M      | -50.34         | -13.00         | -37.34         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.15M      | -28.71         | -13.00         | -15.71         | MBW 100k | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -35.99         | -13.00         | -22.99         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.09M      | -74.53         | -13.00         | -61.53         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 850.85M      | -67.09         | -13.00         | -54.09         | MBW 100k | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 869.62M      | -64.78         | -13.00         | -51.78         | -        | -                 |
| 824.7MHz_RB 6,#RB 0             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.77635G     | -50.30         | -13.00         | -37.30         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.301k     | -64.06         | -13.00         | -51.06         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.06         | -13.00         | -48.06         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 432.09M      | -65.94         | -13.00         | -52.94         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 820.64M      | -55.33         | -13.00         | -42.33         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -28.73         | -13.00         | -15.73         | MBW 100k | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -28.43         | -13.00         | -15.43         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -74.42         | -13.00         | -61.42         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 851.25M      | -66.83         | -13.00         | -53.83         | MBW 100k | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 869.21M      | -64.57         | -13.00         | -51.57         | -        | -                 |
| 824.7MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.4733G      | -47.14         | -13.00         | -34.14         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.201k     | -64.43         | -13.00         | -51.43         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.75         | -13.00         | -45.75         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 199.67M      | -65.84         | -13.00         | -52.84         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 717.53M      | -62.98         | -13.00         | -49.98         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.05M      | -67.04         | -13.00         | -54.04         | MBW 100k | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.96M      | -73.60         | -13.00         | -60.60         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -73.64         | -13.00         | -60.64         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.25M      | -66.07         | -13.00         | -53.07         | MBW 100k | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 881.48M      | -64.78         | -13.00         | -51.78         | -        | -                 |
| 836.5MHz_RB 6,#RB 0             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5093G      | -50.12         | -13.00         | -37.12         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.496k     | -64.08         | -13.00         | -51.08         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.52         | -13.00         | -48.52         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 499.53M      | -66.29         | -13.00         | -53.29         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 757.28M      | -62.79         | -13.00         | -49.79         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 821.45M      | -65.85         | -13.00         | -52.85         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.98M      | -73.67         | -13.00         | -60.67         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -74.02         | -13.00         | -61.02         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 851.65M      | -65.66         | -13.00         | -52.66         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 881.66M      | -64.40         | -13.00         | -51.40         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.50795G     | -45.94         | -13.00         | -32.94         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.117k     | -62.60         | -13.00         | -49.60         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 194.775k     | -61.36         | -13.00         | -48.36         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 405.77M      | -65.78         | -13.00         | -52.78         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 730.14M      | -64.41         | -13.00         | -51.41         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.35M      | -67.04         | -13.00         | -54.04         | MBW 100k | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.92M      | -74.74         | -13.00         | -61.74         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -38.28         | -13.00         | -25.28         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.65M      | -30.77         | -13.00         | -17.77         | MBW 100k | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 851.91M      | -56.44         | -13.00         | -43.44         | -        | -                 |
| 848.3MHz_RB 6,#RB 0             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.54485G     | -50.18         | -13.00         | -37.18         | -        | -                 |
| 848.3MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.425k     | -64.34         | -13.00         | -51.34         | -        | -                 |
| 848.3MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.59         | -13.00         | -47.59         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 848.3MHz_RB 1,#RB H              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 422.69M      | -65.63         | -13.00         | -52.63         | -        | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 660.92M      | -63.06         | -13.00         | -50.06         | -        | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 822.55M      | -67.62         | -13.00         | -54.62         | MBW 100k | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.91M      | -74.56         | -13.00         | -61.56         | -        | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -34.58         | -13.00         | -21.58         | -        | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.15M      | -31.99         | -13.00         | -18.99         | MBW 100k | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 852.17M      | -59.91         | -13.00         | -46.91         | -        | -                 |
| 848.3MHz_RB 1,#RB H              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -44.75         | -13.00         | -31.75         | -        | -                 |
| Band 5_LTE_1.4MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.138k     | -64.05         | -13.00         | -51.05         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.91         | -13.00         | -45.91         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 489.07M      | -65.69         | -13.00         | -52.69         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 821.12M      | -52.75         | -13.00         | -39.75         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -28.68         | -13.00         | -15.68         | MBW 100k | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -34.27         | -13.00         | -21.27         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.01M      | -74.75         | -13.00         | -61.75         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 850.15M      | -64.74         | -13.00         | -51.74         | MBW 100k | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 870.18M      | -64.80         | -13.00         | -51.80         | -        | -                 |
| 824.7MHz_RB 6,#RB O              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.838G       | -49.92         | -13.00         | -36.92         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -63.31         | -13.00         | -50.31         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -62.42         | -13.00         | -49.42         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 69.01M       | -65.63         | -13.00         | -52.63         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 820.64M      | -55.47         | -13.00         | -42.47         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -33.57         | -13.00         | -20.57         | MBW 100k | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.33         | -13.00         | -17.33         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -73.98         | -13.00         | -60.98         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 850.15M      | -65.10         | -13.00         | -52.10         | MBW 100k | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 869.55M      | -64.49         | -13.00         | -51.49         | -        | -                 |
| 824.7MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.4724G      | -47.05         | -13.00         | -34.05         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.609k     | -63.37         | -13.00         | -50.37         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.19         | -13.00         | -46.19         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 466.98M      | -65.16         | -13.00         | -52.16         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 566.57M      | -63.11         | -13.00         | -50.11         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 823.15M      | -65.73         | -13.00         | -52.73         | MBW 100k | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.91M      | -73.75         | -13.00         | -60.75         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.08M      | -74.20         | -13.00         | -61.20         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.65M      | -66.03         | -13.00         | -53.03         | MBW 100k | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 881.22M      | -64.97         | -13.00         | -51.97         | -        | -                 |
| 836.5MHz_RB 6,#RB O              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80155G     | -50.17         | -13.00         | -37.17         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.306k     | -62.58         | -13.00         | -49.58         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.49         | -13.00         | -49.49         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 458.64M      | -66.45         | -13.00         | -53.45         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 775.75M      | -63.62         | -13.00         | -50.62         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 821.75M      | -66.06         | -13.00         | -53.06         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.93M      | -74.09         | -13.00         | -61.09         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -74.24         | -13.00         | -61.24         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.15M      | -65.74         | -13.00         | -52.74         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 881.66M      | -64.57         | -13.00         | -51.57         | -        | -                 |
| 836.5MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.50795G     | -45.39         | -13.00         | -32.39         | -        | -                 |
| 848.3MHz_RB 6,#RB O              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.557k     | -63.43         | -13.00         | -50.43         | -        | -                 |
| 848.3MHz_RB 6,#RB O              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.47         | -13.00         | -45.47         | -        | -                 |
| 848.3MHz_RB 6,#RB O              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 133.4M       | -66.51         | -13.00         | -53.51         | -        | -                 |
| 848.3MHz_RB 6,#RB O              | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 738.89M      | -64.69         | -13.00         | -51.69         | -        | -                 |
| 848.3MHz_RB 6,#RB O              | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 822.45M      | -65.55         | -13.00         | -52.55         | MBW 100k | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 848.3MHz_RB 6,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.96M      | -74.93         | -13.00         | -61.93         | -        | -                 |
| 848.3MHz_RB 6,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.09M      | -36.78         | -13.00         | -23.78         | -        | -                 |
| 848.3MHz_RB 6,#RB 0           | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.35M      | -31.05         | -13.00         | -18.05         | MBW 100k | -                 |
| 848.3MHz_RB 6,#RB 0           | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 851.91M      | -58.49         | -13.00         | -45.49         | -        | -                 |
| 848.3MHz_RB 6,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.9091G      | -50.16         | -13.00         | -37.16         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.214k     | -65.41         | -13.00         | -52.41         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.51         | -13.00         | -45.51         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 347.25M      | -65.80         | -13.00         | -52.80         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 500M            | 821.2M         | 100k        | 300k        | RMS      | 549.06M      | -64.26         | -13.00         | -51.26         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 821.2M          | 823.9M         | 30k         | 100k        | RMS      | 822.25M      | -67.18         | -13.00         | -54.18         | MBW 100k | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.94M      | -74.42         | -13.00         | -61.42         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.01M      | -35.96         | -13.00         | -22.96         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 849.1M          | 851.8M         | 30k         | 100k        | RMS      | 849.15M      | -37.45         | -13.00         | -24.45         | MBW 100k | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 851.8M          | 1G             | 100k        | 300k        | RMS      | 852.1M       | -60.70         | -13.00         | -47.70         | -        | -                 |
| 848.3MHz_RB 1,#RB H           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -47.04         | -13.00         | -34.04         | -        | -                 |
| Band 5_LTE_3MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.922k     | -64.52         | -13.00         | -51.52         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.51         | -13.00         | -46.51         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 423.98M      | -64.32         | -13.00         | -51.32         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 816.41M      | -51.47         | -13.00         | -38.47         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 822.15M      | -33.15         | -13.00         | -20.15         | MBW 100k | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -33.41         | -13.00         | -20.41         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -74.35         | -13.00         | -61.35         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.95M      | -65.71         | -13.00         | -52.71         | MBW 100k | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 870.3M       | -64.73         | -13.00         | -51.73         | -        | -                 |
| 825.5MHz_RB 15,#RB 0          | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.76555G     | -50.32         | -13.00         | -37.32         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.919k     | -60.92         | -13.00         | -47.92         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.84         | -13.00         | -46.84         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 483.43M      | -65.83         | -13.00         | -52.83         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 817.6M       | -63.29         | -13.00         | -50.29         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -28.51         | -13.00         | -15.51         | MBW 100k | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -25.16         | -13.00         | -12.16         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -74.47         | -13.00         | -61.47         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.95M      | -66.64         | -13.00         | -53.64         | MBW 100k | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 869.36M      | -64.17         | -13.00         | -51.17         | -        | -                 |
| 825.5MHz_RB 1,#RB L           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47285G     | -47.39         | -13.00         | -34.39         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.509k     | -63.51         | -13.00         | -50.51         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -61.22         | -13.00         | -48.22         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 425.74M      | -66.41         | -13.00         | -53.41         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 794.63M      | -64.00         | -13.00         | -51.00         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.55M      | -63.05         | -13.00         | -50.05         | MBW 100k | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -70.02         | -13.00         | -57.02         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.06M      | -70.38         | -13.00         | -57.38         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.65M      | -63.86         | -13.00         | -50.86         | MBW 100k | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 880.59M      | -63.71         | -13.00         | -50.71         | -        | -                 |
| 836.5MHz_RB 15,#RB 0          | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5084G      | -50.19         | -13.00         | -37.19         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.076k     | -63.72         | -13.00         | -50.72         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.08         | -13.00         | -48.08         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 388.85M      | -66.12         | -13.00         | -53.12         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 718.55M      | -63.94         | -13.00         | -50.94         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 818.65M      | -66.28         | -13.00         | -53.28         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.98M      | -73.52         | -13.00         | -60.52         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -73.99         | -13.00         | -60.99         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 852.05M      | -65.57         | -13.00         | -52.57         | MBW 100k | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 836.5MHz_RB 1,#RB L            | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 881.35M      | -64.01         | -13.00         | -51.01         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5057G      | -44.74         | -13.00         | -31.74         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.054k     | -64.54         | -13.00         | -51.54         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.14         | -13.00         | -48.14         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 492.25M      | -65.82         | -13.00         | -52.82         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 796.46M      | -64.43         | -13.00         | -51.43         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 818.95M      | -66.21         | -13.00         | -53.21         | MBW 100k | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.92M      | -74.48         | -13.00         | -61.48         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -34.09         | -13.00         | -21.09         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.25M      | -34.75         | -13.00         | -21.75         | MBW 100k | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 855M         | -55.66         | -13.00         | -42.66         | -        | -                 |
| 847.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.78265G     | -49.91         | -13.00         | -36.91         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.574k     | -62.73         | -13.00         | -49.73         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -61.33         | -13.00         | -48.33         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 420.34M      | -66.53         | -13.00         | -53.53         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 808.78M      | -64.00         | -13.00         | -51.00         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.05M      | -66.05         | -13.00         | -53.05         | MBW 100k | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -74.93         | -13.00         | -61.93         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -26.11         | -13.00         | -13.11         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.15M      | -30.68         | -13.00         | -17.68         | MBW 100k | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 891.61M      | -64.48         | -13.00         | -51.48         | -        | -                 |
| 847.5MHz_RB 1,#RB H            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -45.03         | -13.00         | -32.03         | -        | -                 |
| Band 5_LTE_3MHz_Nss1_16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.768k     | -63.66         | -13.00         | -50.66         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.41         | -13.00         | -46.41         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 418.1M       | -65.18         | -13.00         | -52.18         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 817.84M      | -53.53         | -13.00         | -40.53         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -28.35         | -13.00         | -15.35         | MBW 100k | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -34.35         | -13.00         | -21.35         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -74.75         | -13.00         | -61.75         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 854.55M      | -65.80         | -13.00         | -52.80         | MBW 100k | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 870.33M      | -64.47         | -13.00         | -51.47         | -        | -                 |
| 825.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80065G     | -50.07         | -13.00         | -37.07         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.83k      | -63.98         | -13.00         | -50.98         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -62.74         | -13.00         | -49.74         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 429.27M      | -66.56         | -13.00         | -53.56         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 815.85M      | -63.73         | -13.00         | -50.73         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -26.26         | -13.00         | -13.26         | MBW 100k | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -26.08         | -13.00         | -13.08         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -74.01         | -13.00         | -61.01         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 854.05M      | -65.62         | -13.00         | -52.62         | MBW 100k | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 869.36M      | -64.39         | -13.00         | -51.39         | -        | -                 |
| 825.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47285G     | -45.82         | -13.00         | -32.82         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.314k     | -61.97         | -13.00         | -48.97         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -59.35         | -13.00         | -46.35         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 431.73M      | -65.54         | -13.00         | -52.54         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 788.9M       | -64.00         | -13.00         | -51.00         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -63.78         | -13.00         | -50.78         | MBW 100k | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -71.28         | -13.00         | -58.28         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -71.76         | -13.00         | -58.76         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 851.45M      | -64.71         | -13.00         | -51.71         | MBW 100k | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 882.01M      | -64.47         | -13.00         | -51.47         | -        | -                 |
| 836.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.79165G     | -49.81         | -13.00         | -36.81         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.015k     | -65.27         | -13.00         | -52.27         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|-------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 836.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -60.87         | -13.00         | -47.87         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 426.33M      | -65.89         | -13.00         | -52.89         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 681.58M      | -63.26         | -13.00         | -50.26         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 823.75M      | -66.02         | -13.00         | -53.02         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.98M      | -73.91         | -13.00         | -60.91         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.01M      | -74.14         | -13.00         | -61.14         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 852.65M      | -66.48         | -13.00         | -53.48         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 880.7M       | -64.24         | -13.00         | -51.24         | -        | -                 |
| 836.5MHz_RB 1,#RB L           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.50525G     | -45.79         | -13.00         | -32.79         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.064k     | -62.48         | -13.00         | -49.48         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.40         | -13.00         | -46.40         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 470.39M      | -65.66         | -13.00         | -52.66         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 765.61M      | -63.38         | -13.00         | -50.38         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 822.75M      | -65.92         | -13.00         | -52.92         | MBW 100k | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.9M       | -74.66         | -13.00         | -61.66         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.01M      | -34.07         | -13.00         | -21.07         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.15M      | -32.05         | -13.00         | -19.05         | MBW 100k | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 855.15M      | -56.47         | -13.00         | -43.47         | -        | -                 |
| 847.5MHz_RB 15,#RB 0          | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.84205G     | -50.21         | -13.00         | -37.21         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.152k     | -63.39         | -13.00         | -50.39         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -61.58         | -13.00         | -48.58         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 452.77M      | -66.37         | -13.00         | -53.37         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 500M            | 818M           | 100k        | 300k        | RMS      | 716.4M       | -64.23         | -13.00         | -51.23         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 818M            | 823.9M         | 30k         | 100k        | RMS      | 820.35M      | -66.92         | -13.00         | -53.92         | MBW 100k | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -74.63         | -13.00         | -61.63         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -26.49         | -13.00         | -13.49         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 849.1M          | 855M           | 30k         | 100k        | RMS      | 849.15M      | -31.23         | -13.00         | -18.23         | MBW 100k | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 855M            | 1G             | 100k        | 300k        | RMS      | 891.65M      | -64.72         | -13.00         | -51.72         | -        | -                 |
| 847.5MHz_RB 1,#RB H           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -47.39         | -13.00         | -34.39         | -        | -                 |
| Band 5_LTE_5MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.23k      | -64.42         | -13.00         | -51.42         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.03         | -13.00         | -46.03         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 405.77M      | -66.02         | -13.00         | -53.02         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 813.92M      | -56.32         | -13.00         | -43.32         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.75M      | -36.34         | -13.00         | -23.34         | MBW 100k | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -36.33         | -13.00         | -23.33         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.09M      | -72.89         | -13.00         | -59.89         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.15M      | -68.63         | -13.00         | -55.63         | MBW 100k | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 872.43M      | -64.26         | -13.00         | -51.26         | -        | -                 |
| 826.5MHz_RB 25,#RB 0          | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8389G      | -50.17         | -13.00         | -37.17         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.377k     | -64.60         | -13.00         | -51.60         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.91         | -13.00         | -45.91         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 414.34M      | -66.21         | -13.00         | -53.21         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 699.78M      | -62.80         | -13.00         | -49.80         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -37.08         | -13.00         | -24.08         | MBW 100k | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.54         | -13.00         | -17.54         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.1M       | -73.95         | -13.00         | -60.95         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 852.45M      | -70.09         | -13.00         | -57.09         | MBW 100k | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 869.33M      | -64.52         | -13.00         | -51.52         | -        | -                 |
| 826.5MHz_RB 1,#RB L           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47285G     | -45.99         | -13.00         | -32.99         | -        | -                 |
| 836.5MHz_RB 25,#RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.967k     | -63.18         | -13.00         | -50.18         | -        | -                 |
| 836.5MHz_RB 25,#RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -62.43         | -13.00         | -49.43         | -        | -                 |
| 836.5MHz_RB 25,#RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 246.67M      | -66.30         | -13.00         | -53.30         | -        | -                 |
| 836.5MHz_RB 25,#RB 0          | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 711.4M       | -63.18         | -13.00         | -50.18         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 836.5MHz_RB_25,#RB 0           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.45M      | -55.30         | -13.00         | -42.30         | MBW 100k | -                 |
| 836.5MHz_RB_25,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -60.02         | -13.00         | -47.02         | -        | -                 |
| 836.5MHz_RB_25,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -60.20         | -13.00         | -47.20         | -        | -                 |
| 836.5MHz_RB_25,#RB 0           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -55.58         | -13.00         | -42.58         | MBW 100k | -                 |
| 836.5MHz_RB_25,#RB 0           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 880.15M      | -64.38         | -13.00         | -51.38         | -        | -                 |
| 836.5MHz_RB_25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.82765G     | -50.09         | -13.00         | -37.09         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -61.41         | -13.00         | -48.41         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.33         | -13.00         | -49.33         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 415.99M      | -65.95         | -13.00         | -52.95         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 589.49M      | -63.94         | -13.00         | -50.94         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 815.15M      | -68.81         | -13.00         | -55.81         | MBW 100k | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -73.05         | -13.00         | -60.05         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.09M      | -74.10         | -13.00         | -61.10         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.35M      | -69.70         | -13.00         | -56.70         | MBW 100k | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 880.82M      | -64.42         | -13.00         | -51.42         | -        | -                 |
| 836.5MHz_RB_1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.50345G     | -44.38         | -13.00         | -31.38         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.082k     | -64.13         | -13.00         | -51.13         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.15         | -13.00         | -49.15         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 120.01M      | -66.05         | -13.00         | -53.05         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 806.62M      | -63.31         | -13.00         | -50.31         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.75M      | -67.56         | -13.00         | -54.56         | MBW 100k | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -71.81         | -13.00         | -58.81         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -38.00         | -13.00         | -25.00         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -39.37         | -13.00         | -26.37         | MBW 100k | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 859M         | -62.37         | -13.00         | -49.37         | -        | -                 |
| 846.5MHz_RB_25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.85195G     | -50.19         | -13.00         | -37.19         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.496k     | -64.32         | -13.00         | -51.32         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.11         | -13.00         | -49.11         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 248.43M      | -66.25         | -13.00         | -53.25         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 762.43M      | -63.72         | -13.00         | -50.72         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 818.65M      | -70.16         | -13.00         | -57.16         | MBW 100k | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.94M      | -74.37         | -13.00         | -61.37         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -31.33         | -13.00         | -18.33         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.15M      | -38.07         | -13.00         | -25.07         | MBW 100k | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 891.92M      | -63.86         | -13.00         | -50.86         | -        | -                 |
| 846.5MHz_RB_1,#RB H            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -45.66         | -13.00         | -32.66         | -        | -                 |
| Band 5_LTE_5MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.512k     | -63.22         | -13.00         | -50.22         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -58.66         | -13.00         | -45.66         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 152.55M      | -66.07         | -13.00         | -53.07         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 813.92M      | -58.50         | -13.00         | -45.50         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -35.58         | -13.00         | -22.58         | MBW 100k | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -36.99         | -13.00         | -23.99         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -73.41         | -13.00         | -60.41         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -69.79         | -13.00         | -56.79         | MBW 100k | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 870.88M      | -64.63         | -13.00         | -51.63         | -        | -                 |
| 826.5MHz_RB_25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.79345G     | -49.71         | -13.00         | -36.71         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.342k     | -64.00         | -13.00         | -51.00         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.82         | -13.00         | -44.82         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 400.6M       | -65.99         | -13.00         | -52.99         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 643.73M      | -63.92         | -13.00         | -50.92         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -37.78         | -13.00         | -24.78         | MBW 100k | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -30.82         | -13.00         | -17.82         | -        | -                 |
| 826.5MHz_RB_1,#RB L            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.1M       | -74.37         | -13.00         | -61.37         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 826.5MHz_RB 1,#RB L            | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 855.85M      | -70.01         | -13.00         | -57.01         | MBW 100k | -                 |
| 826.5MHz_RB 1,#RB L            | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 870.14M      | -64.21         | -13.00         | -51.21         | -        | -                 |
| 826.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47285G     | -47.15         | -13.00         | -34.15         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.355k     | -63.48         | -13.00         | -50.48         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.55         | -13.00         | -46.55         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 426.92M      | -65.93         | -13.00         | -52.93         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 785.98M      | -63.61         | -13.00         | -50.61         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -56.96         | -13.00         | -43.96         | MBW 100k | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -61.21         | -13.00         | -48.21         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.01M      | -61.37         | -13.00         | -48.37         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -57.41         | -13.00         | -44.41         | MBW 100k | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 879.45M      | -64.15         | -13.00         | -51.15         | -        | -                 |
| 836.5MHz_RB 25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8119G      | -50.24         | -13.00         | -37.24         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.448k     | -64.51         | -13.00         | -51.51         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.52         | -13.00         | -45.52         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 452.65M      | -65.90         | -13.00         | -52.90         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 720.74M      | -63.04         | -13.00         | -50.04         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -69.35         | -13.00         | -56.35         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.92M      | -73.26         | -13.00         | -60.26         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -73.94         | -13.00         | -60.94         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 853.55M      | -69.89         | -13.00         | -56.89         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 880.57M      | -63.91         | -13.00         | -50.91         | -        | -                 |
| 836.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.503G       | -45.22         | -13.00         | -32.22         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.208k     | -65.11         | -13.00         | -52.11         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -62.62         | -13.00         | -49.62         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 461.93M      | -65.43         | -13.00         | -52.43         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 727.49M      | -63.91         | -13.00         | -50.91         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -69.00         | -13.00         | -56.00         | MBW 100k | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.93M      | -73.29         | -13.00         | -60.29         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -38.06         | -13.00         | -25.06         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.25M      | -38.30         | -13.00         | -25.30         | MBW 100k | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 889.95M      | -64.39         | -13.00         | -51.39         | -        | -                 |
| 846.5MHz_RB 25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7579G      | -50.30         | -13.00         | -37.30         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.707k     | -61.91         | -13.00         | -48.91         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.65M        | -63.72         | -13.00         | -50.72         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 418.69M      | -65.75         | -13.00         | -52.75         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 500M            | 814M           | 100k        | 300k        | RMS      | 661.08M      | -64.09         | -13.00         | -51.09         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 814M            | 823.9M         | 30k         | 100k        | RMS      | 823.25M      | -70.25         | -13.00         | -57.25         | MBW 100k | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -74.54         | -13.00         | -61.54         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -32.02         | -13.00         | -19.02         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 849.1M          | 859M           | 30k         | 100k        | RMS      | 849.15M      | -39.12         | -13.00         | -26.12         | MBW 100k | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 859M            | 1G             | 100k        | 300k        | RMS      | 889.91M      | -64.23         | -13.00         | -51.23         | -        | -                 |
| 846.5MHz_RB 1,#RB H            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5462G      | -46.68         | -13.00         | -33.68         | -        | -                 |
| Band 5_LTE_10MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.188k     | -61.56         | -13.00         | -48.56         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 187.312k     | -61.67         | -13.00         | -48.67         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 376.63M      | -65.94         | -13.00         | -52.94         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 770.18M      | -63.52         | -13.00         | -50.52         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -34.90         | -13.00         | -21.90         | MBW 100k | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -41.04         | -13.00         | -28.04         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -53.71         | -13.00         | -40.71         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.55M      | -49.22         | -13.00         | -36.22         | MBW 100k | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 873.72M      | -63.32         | -13.00         | -50.32         | -        | -                 |
| 829MHz_RB 50,#RB 0             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.84565G     | -50.36         | -13.00         | -37.36         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 829MHz_RB 1,#RB L               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.588k     | -64.87         | -13.00         | -51.87         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.58         | -13.00         | -45.58         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 214.36M      | -65.67         | -13.00         | -52.67         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 777.1M       | -64.30         | -13.00         | -51.30         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 820.15M      | -42.75         | -13.00         | -29.75         | MBW 100k | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 824M         | -44.78         | -13.00         | -31.78         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.06M      | -74.35         | -13.00         | -61.35         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 863.65M      | -64.48         | -13.00         | -51.48         | MBW 100k | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 876.24M      | -63.60         | -13.00         | -50.60         | -        | -                 |
| 829MHz_RB 1,#RB L               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47375G     | -46.43         | -13.00         | -33.43         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.201k     | -61.96         | -13.00         | -48.96         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.48         | -13.00         | -44.48         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 416.69M      | -65.93         | -13.00         | -52.93         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 762.28M      | -63.92         | -13.00         | -50.92         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.65M      | -40.44         | -13.00         | -27.44         | MBW 100k | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.93M      | -45.69         | -13.00         | -32.69         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.06M      | -45.02         | -13.00         | -32.02         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.75M      | -37.38         | -13.00         | -24.38         | MBW 100k | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 878.89M      | -63.56         | -13.00         | -50.56         | -        | -                 |
| 836.5MHz_RB 50,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81775G     | -50.07         | -13.00         | -37.07         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.412k     | -61.85         | -13.00         | -48.85         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 194.775k     | -62.72         | -13.00         | -49.72         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 416.46M      | -66.31         | -13.00         | -53.31         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 684.76M      | -63.97         | -13.00         | -50.97         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.35M      | -60.61         | -13.00         | -47.61         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.92M      | -71.35         | -13.00         | -58.35         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.1M       | -73.38         | -13.00         | -60.38         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.75M      | -55.86         | -13.00         | -42.86         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 878.14M      | -63.90         | -13.00         | -50.90         | -        | -                 |
| 836.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.49625G     | -43.15         | -13.00         | -30.15         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.804k     | -65.77         | -13.00         | -52.77         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -56.72         | -13.00         | -43.72         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 442.78M      | -65.60         | -13.00         | -52.60         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 802.56M      | -64.32         | -13.00         | -51.32         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.85M      | -48.11         | -13.00         | -35.11         | MBW 100k | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.96M      | -53.48         | -13.00         | -40.48         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.03M      | -42.33         | -13.00         | -29.33         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.15M      | -38.51         | -13.00         | -25.51         | MBW 100k | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 887.83M      | -63.99         | -13.00         | -50.99         | -        | -                 |
| 844MHz_RB 50,#RB 0              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7912G      | -50.34         | -13.00         | -37.34         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.05k      | -67.17         | -13.00         | -54.17         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.29         | -13.00         | -46.29         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 488.37M      | -66.50         | -13.00         | -53.50         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 509.12M      | -63.43         | -13.00         | -50.43         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 822.25M      | -65.95         | -13.00         | -52.95         | MBW 100k | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.91M      | -74.24         | -13.00         | -61.24         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -46.23         | -13.00         | -33.23         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.15M      | -42.45         | -13.00         | -29.45         | MBW 100k | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 889.83M      | -63.80         | -13.00         | -50.80         | -        | -                 |
| 844MHz_RB 1,#RB H               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.54485G     | -46.48         | -13.00         | -33.48         | -        | -                 |
| Band 5_LTE_10MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 829MHz_RB 50,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.134k     | -63.34         | -13.00         | -50.34         | -        | -                 |
| 829MHz_RB 50,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -61.84         | -13.00         | -48.84         | -        | -                 |
| 829MHz_RB 50,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 432.09M      | -65.57         | -13.00         | -52.57         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode                 | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 829MHz_RB 50,#RB 0   | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 768.51M      | -63.41         | -13.00         | -50.41         | -        | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.05M      | -34.03         | -13.00         | -21.03         | MBW 100k | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -41.61         | -13.00         | -28.61         | -        | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.04M      | -58.00         | -13.00         | -45.00         | -        | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.15M      | -51.27         | -13.00         | -38.27         | MBW 100k | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 877.45M      | -62.97         | -13.00         | -49.97         | -        | -                 |
| 829MHz_RB 50,#RB 0   | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7318G      | -50.19         | -13.00         | -37.19         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.588k     | -64.83         | -13.00         | -51.83         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.08         | -13.00         | -46.08         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 436.67M      | -65.58         | -13.00         | -52.58         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 754.37M      | -64.07         | -13.00         | -51.07         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 820.15M      | -42.88         | -13.00         | -29.88         | MBW 100k | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.99M      | -45.45         | -13.00         | -32.45         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -74.34         | -13.00         | -61.34         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 855.65M      | -65.28         | -13.00         | -52.28         | MBW 100k | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 877.74M      | -63.62         | -13.00         | -50.62         | -        | -                 |
| 829MHz_RB 1,#RB L    | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.47375G     | -47.73         | -13.00         | -34.73         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.038k     | -63.03         | -13.00         | -50.03         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.86         | -13.00         | -48.86         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 87.11M       | -65.76         | -13.00         | -52.76         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 709.84M      | -64.25         | -13.00         | -51.25         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.35M      | -43.49         | -13.00         | -30.49         | MBW 100k | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.94M      | -50.04         | -13.00         | -37.04         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.02M      | -47.46         | -13.00         | -34.46         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.35M      | -40.34         | -13.00         | -27.34         | MBW 100k | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 878.5M       | -63.94         | -13.00         | -50.94         | -        | -                 |
| 836.5MHz_RB 50,#RB 0 | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7786G      | -50.00         | -13.00         | -37.00         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.394k     | -63.31         | -13.00         | -50.31         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -62.21         | -13.00         | -49.21         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 493.54M      | -66.18         | -13.00         | -53.18         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 803.01M      | -63.81         | -13.00         | -50.81         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.25M      | -59.53         | -13.00         | -46.53         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -71.61         | -13.00         | -58.61         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.07M      | -74.00         | -13.00         | -61.00         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.75M      | -57.64         | -13.00         | -44.64         | MBW 100k | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 878.73M      | -63.46         | -13.00         | -50.46         | -        | -                 |
| 836.5MHz_RB 1,#RB L  | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.49625G     | -45.91         | -13.00         | -32.91         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.188k     | -63.97         | -13.00         | -50.97         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -61.32         | -13.00         | -48.32         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 472.39M      | -65.53         | -13.00         | -52.53         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 732.33M      | -62.30         | -13.00         | -49.30         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 823.55M      | -50.41         | -13.00         | -37.41         | MBW 100k | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.98M      | -56.58         | -13.00         | -43.58         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849.04M      | -43.63         | -13.00         | -30.63         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 849.15M      | -37.85         | -13.00         | -24.85         | MBW 100k | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 889.99M      | -63.69         | -13.00         | -50.69         | -        | -                 |
| 844MHz_RB 50,#RB 0   | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8335G      | -50.04         | -13.00         | -37.04         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.794k     | -64.59         | -13.00         | -51.59         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -60.35         | -13.00         | -47.35         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 417.05M      | -65.84         | -13.00         | -52.84         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 500M            | 804M           | 100k        | 300k        | RMS      | 748.67M      | -63.62         | -13.00         | -50.62         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 804M            | 823.9M         | 30k         | 100k        | RMS      | 811.15M      | -65.65         | -13.00         | -52.65         | MBW 100k | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 823.9M          | 824M           | 30k         | 100k        | RMS      | 823.97M      | -74.25         | -13.00         | -61.25         | -        | -                 |
| 844MHz_RB 1,#RB H    | Pass   | 849M            | 849.1M         | 30k         | 100k        | RMS      | 849M         | -45.40         | -13.00         | -32.40         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.6

| Mode              | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|-------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 844MHz_RB 1.#RB H | Pass   | 849.1M          | 869M           | 30k         | 100k        | RMS      | 852.85M      | -44.77         | -13.00         | -31.77         | MBW 100k | -                 |
| 844MHz_RB 1.#RB H | Pass   | 869M            | 1G             | 100k        | 300k        | RMS      | 889.83M      | -63.97         | -13.00         | -50.97         | -        | -                 |
| 844MHz_RB 1.#RB H | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.5453G      | -45.98         | -13.00         | -32.98         | -        | -                 |



<Mode 7> EUT 2 + LTE Band 12 Link

Summary

| Mode                      | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 12                   | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| LTE_1.4MHz_Nss1,QPSK_1TX  | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -25.86         | -13.00         | -12.86         | MBW 100k | -                 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -26.31         | -13.00         | -13.31         | -        | -                 |
| LTE_3MHz_Nss1,QPSK_1TX    | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -22.69         | -13.00         | -9.69          | -        | -                 |
| LTE_3MHz_Nss1,16QAM_1TX   | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -22.69         | -13.00         | -9.69          | -        | -                 |
| LTE_5MHz_Nss1,QPSK_1TX    | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -32.47         | -13.00         | -19.47         | -        | -                 |
| LTE_5MHz_Nss1,16QAM_1TX   | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -32.06         | -13.00         | -19.06         | -        | -                 |
| LTE_10MHz_Nss1,QPSK_1TX   | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.15M      | -31.63         | -13.00         | -18.63         | MBW 100k | -                 |
| LTE_10MHz_Nss1,16QAM_1TX  | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.45M      | -33.14         | -13.00         | -20.14         | MBW 100k | -                 |



## Result

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 12_LTE_1.4MHz_Nss1.QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.8k       | -63.24         | -13.00         | -50.24         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.77         | -13.00         | -45.77         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 84.05M       | -66.32         | -13.00         | -53.32         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 694.96M      | -49.25         | -13.00         | -36.25         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 697.35M      | -40.46         | -13.00         | -27.46         | MBW 100k | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.91M      | -47.70         | -13.00         | -34.70         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -74.01         | -13.00         | -61.01         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.25M      | -64.96         | -13.00         | -51.96         | MBW 100k | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 729.27M      | -66.75         | -13.00         | -53.75         | -        | -                 |
| 699.7MHz_RB 6,#RB 0              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.74665G     | -50.19         | -13.00         | -37.19         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.46k      | -62.78         | -13.00         | -49.78         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -61.57         | -13.00         | -48.57         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 463.93M      | -64.59         | -13.00         | -51.59         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 695.2M       | -59.79         | -13.00         | -46.79         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 697.55M      | -54.75         | -13.00         | -41.75         | MBW 100k | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.96M      | -58.79         | -13.00         | -45.79         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.04M      | -74.22         | -13.00         | -61.22         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 717.75M      | -65.96         | -13.00         | -52.96         | MBW 100k | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 729.27M      | -66.76         | -13.00         | -53.76         | -        | -                 |
| 699.7MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81325G     | -50.10         | -13.00         | -37.10         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.941k     | -60.92         | -13.00         | -47.92         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.78         | -13.00         | -44.78         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 307.54M      | -65.86         | -13.00         | -52.86         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 687.98M      | -61.05         | -13.00         | -48.05         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 696.45M      | -64.92         | -13.00         | -51.92         | MBW 100k | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -73.14         | -13.00         | -60.14         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.07M      | -73.04         | -13.00         | -60.04         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.55M      | -65.31         | -13.00         | -52.31         | MBW 100k | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 737.92M      | -66.80         | -13.00         | -53.80         | -        | -                 |
| 707.5MHz_RB 6,#RB 0              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81505G     | -50.34         | -13.00         | -37.34         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.416k     | -62.35         | -13.00         | -49.35         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.14         | -13.00         | -46.14         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 451.36M      | -65.59         | -13.00         | -52.59         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 693.78M      | -64.38         | -13.00         | -51.38         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 696.35M      | -64.38         | -13.00         | -51.38         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.95M      | -72.95         | -13.00         | -59.95         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.08M      | -72.30         | -13.00         | -59.30         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -65.47         | -13.00         | -52.47         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 737.22M      | -67.07         | -13.00         | -54.07         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.1214G      | -49.59         | -13.00         | -36.59         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -65.25         | -13.00         | -52.25         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -56.67         | -13.00         | -43.67         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 200.85M      | -65.64         | -13.00         | -52.64         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 553.83M      | -64.42         | -13.00         | -51.42         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 695.35M      | -66.29         | -13.00         | -53.29         | MBW 100k | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -74.68         | -13.00         | -61.68         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -29.33         | -13.00         | -16.33         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -25.86         | -13.00         | -12.86         | MBW 100k | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 718.87M      | -58.25         | -13.00         | -45.25         | -        | -                 |
| 715.3MHz_RB 6,#RB 0              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80605G     | -50.02         | -13.00         | -37.02         | -        | -                 |
| 715.3MHz_RB 1,#RB H              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.166k     | -61.24         | -13.00         | -48.24         | -        | -                 |
| 715.3MHz_RB 1,#RB H              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -61.79         | -13.00         | -48.79         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                              | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|-----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 715.3MHz_RB 1,#RB H               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 486.96M      | -65.56         | -13.00         | -52.56         | -        | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 672.51M      | -64.16         | -13.00         | -51.16         | -        | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 696.85M      | -65.67         | -13.00         | -52.67         | MBW 100k | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -74.43         | -13.00         | -61.43         | -        | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -26.62         | -13.00         | -13.62         | -        | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -33.57         | -13.00         | -20.57         | MBW 100k | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 718.87M      | -65.17         | -13.00         | -52.17         | -        | -                 |
| 715.3MHz_RB 1,#RB H               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80605G     | -50.04         | -13.00         | -37.04         | -        | -                 |
| Band 12_LTE_1.4MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.24k      | -61.97         | -13.00         | -48.97         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -61.96         | -13.00         | -48.96         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 469.8M       | -65.11         | -13.00         | -52.11         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 695.15M      | -51.01         | -13.00         | -38.01         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 697.65M      | -41.09         | -13.00         | -28.09         | MBW 100k | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.96M      | -47.82         | -13.00         | -34.82         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.04M      | -74.30         | -13.00         | -61.30         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 717.15M      | -66.38         | -13.00         | -53.38         | MBW 100k | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 729.42M      | -66.41         | -13.00         | -53.41         | -        | -                 |
| 699.7MHz_RB 6,#RB O               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.74125G     | -50.03         | -13.00         | -37.03         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.896k     | -63.18         | -13.00         | -50.18         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.49         | -13.00         | -48.49         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 451.36M      | -65.32         | -13.00         | -52.32         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 694.61M      | -60.78         | -13.00         | -47.78         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 697.15M      | -55.34         | -13.00         | -42.34         | MBW 100k | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.97M      | -60.80         | -13.00         | -47.80         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.04M      | -74.32         | -13.00         | -61.32         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 717.05M      | -66.80         | -13.00         | -53.80         | MBW 100k | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 729.2M       | -66.80         | -13.00         | -53.80         | -        | -                 |
| 699.7MHz_RB 1,#RB L               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81505G     | -50.08         | -13.00         | -37.08         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.108k     | -62.94         | -13.00         | -49.94         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -62.68         | -13.00         | -49.68         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 373.22M      | -65.26         | -13.00         | -52.26         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 688.81M      | -61.77         | -13.00         | -48.77         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 696.55M      | -65.34         | -13.00         | -52.34         | MBW 100k | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.91M      | -73.84         | -13.00         | -60.84         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -73.27         | -13.00         | -60.27         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 717.05M      | -67.26         | -13.00         | -54.26         | MBW 100k | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 737.29M      | -66.64         | -13.00         | -53.64         | -        | -                 |
| 707.5MHz_RB 6,#RB O               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8479G      | -50.01         | -13.00         | -37.01         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.561k     | -62.47         | -13.00         | -49.47         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.51         | -13.00         | -46.51         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 402.01M      | -65.90         | -13.00         | -52.90         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 620.83M      | -63.27         | -13.00         | -50.27         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 695.35M      | -64.07         | -13.00         | -51.07         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -73.11         | -13.00         | -60.11         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -72.91         | -13.00         | -59.91         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.35M      | -64.85         | -13.00         | -51.85         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 737.71M      | -66.33         | -13.00         | -53.33         | -        | -                 |
| 707.5MHz_RB 1,#RB L               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.9001G      | -50.38         | -13.00         | -37.38         | -        | -                 |
| 715.3MHz_RB 6,#RB O               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.544k     | -64.30         | -13.00         | -51.30         | -        | -                 |
| 715.3MHz_RB 6,#RB O               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -57.10         | -13.00         | -44.10         | -        | -                 |
| 715.3MHz_RB 6,#RB O               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 361.47M      | -65.56         | -13.00         | -52.56         | -        | -                 |
| 715.3MHz_RB 6,#RB O               | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 691.15M      | -64.43         | -13.00         | -51.43         | -        | -                 |
| 715.3MHz_RB 6,#RB O               | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 697.75M      | -67.65         | -13.00         | -54.65         | MBW 100k | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 715.3MHz_RB 6,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.91M      | -74.42         | -13.00         | -61.42         | -        | -                 |
| 715.3MHz_RB 6,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.01M      | -30.46         | -13.00         | -17.46         | -        | -                 |
| 715.3MHz_RB 6,#RB 0            | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -27.60         | -13.00         | -14.60         | MBW 100k | -                 |
| 715.3MHz_RB 6,#RB 0            | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 718.8M       | -59.09         | -13.00         | -46.09         | -        | -                 |
| 715.3MHz_RB 6,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8344G      | -49.96         | -13.00         | -36.96         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.253k     | -63.67         | -13.00         | -50.67         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -59.73         | -13.00         | -46.73         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 420.81M      | -65.50         | -13.00         | -52.50         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 500M            | 695.2M         | 100k        | 300k        | RMS      | 615.66M      | -63.85         | -13.00         | -50.85         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 695.2M          | 697.9M         | 30k         | 100k        | RMS      | 696.65M      | -59.60         | -13.00         | -46.60         | MBW 100k | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.97M      | -74.32         | -13.00         | -61.32         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -26.31         | -13.00         | -13.31         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 716.1M          | 718.8M         | 30k         | 100k        | RMS      | 716.15M      | -32.44         | -13.00         | -19.44         | MBW 100k | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 718.8M          | 1G             | 100k        | 300k        | RMS      | 719.01M      | -66.58         | -13.00         | -53.58         | -        | -                 |
| 715.3MHz_RB 1,#RB H            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.91135G     | -50.19         | -13.00         | -37.19         | -        | -                 |
| Band 12_LTE_3MHz_Nss1,QPSK_ITX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.75k      | -61.44         | -13.00         | -48.44         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.72         | -13.00         | -46.72         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 495.54M      | -65.98         | -13.00         | -52.98         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 691.95M      | -49.72         | -13.00         | -36.72         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -30.68         | -13.00         | -17.68         | MBW 100k | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.91M      | -38.03         | -13.00         | -25.03         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.01M      | -69.72         | -13.00         | -56.72         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.75M      | -65.08         | -13.00         | -52.08         | MBW 100k | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 731.38M      | -65.15         | -13.00         | -52.15         | -        | -                 |
| 700.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7975G      | -49.89         | -13.00         | -36.89         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.438k     | -62.57         | -13.00         | -49.57         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -61.13         | -13.00         | -48.13         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 376.63M      | -64.82         | -13.00         | -51.82         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 690.9M       | -62.95         | -13.00         | -49.95         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -49.04         | -13.00         | -36.04         | MBW 100k | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -47.83         | -13.00         | -34.83         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.07M      | -74.41         | -13.00         | -61.41         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 718.45M      | -59.16         | -13.00         | -46.16         | MBW 100k | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 730.76M      | -66.51         | -13.00         | -53.51         | -        | -                 |
| 700.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.67825G     | -50.32         | -13.00         | -37.32         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.152k     | -60.69         | -13.00         | -47.69         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.79         | -13.00         | -45.79         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 493.42M      | -65.89         | -13.00         | -52.89         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 692M         | -62.57         | -13.00         | -49.57         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.25M      | -56.16         | -13.00         | -43.16         | MBW 100k | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 698M         | -62.43         | -13.00         | -49.43         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -58.44         | -13.00         | -45.44         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.25M      | -54.05         | -13.00         | -41.05         | MBW 100k | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 737.78M      | -65.88         | -13.00         | -52.88         | -        | -                 |
| 707.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.84835G     | -50.16         | -13.00         | -37.16         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.32k      | -62.79         | -13.00         | -49.79         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.30         | -13.00         | -47.30         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 498.83M      | -65.10         | -13.00         | -52.10         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 521.89M      | -63.77         | -13.00         | -50.77         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 695.25M      | -63.57         | -13.00         | -50.57         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -72.39         | -13.00         | -59.39         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.08M      | -72.80         | -13.00         | -59.80         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.15M      | -64.16         | -13.00         | -51.16         | MBW 100k | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 707.5MHz_RB 1,#RB L             | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 738.05M      | -66.15         | -13.00         | -53.15         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.1187G      | -49.70         | -13.00         | -36.70         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.012k     | -64.16         | -13.00         | -51.16         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.598M       | -52.36         | -13.00         | -39.36         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 413.17M      | -64.89         | -13.00         | -51.89         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 671.46M      | -64.39         | -13.00         | -51.39         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 696.45M      | -66.19         | -13.00         | -53.19         | MBW 100k | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -73.00         | -13.00         | -60.00         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -29.67         | -13.00         | -16.67         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.15M      | -27.77         | -13.00         | -14.77         | MBW 100k | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 722.21M      | -63.43         | -13.00         | -50.43         | -        | -                 |
| 714.5MHz_RB 15,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.84295G     | -50.22         | -13.00         | -37.22         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -61.37         | -13.00         | -48.37         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.598M       | -51.69         | -13.00         | -38.69         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 444.78M      | -65.38         | -13.00         | -52.38         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 682.11M      | -63.57         | -13.00         | -50.57         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 696.55M      | -66.12         | -13.00         | -53.12         | MBW 100k | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.97M      | -74.28         | -13.00         | -61.28         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -22.69         | -13.00         | -9.69          | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.15M      | -33.61         | -13.00         | -20.61         | MBW 100k | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 744.1M       | -66.88         | -13.00         | -53.88         | -        | -                 |
| 714.5MHz_RB 1,#RB H             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 8.15905G     | -50.18         | -13.00         | -37.18         | -        | -                 |
| Band 12_LTE_3MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.663k     | -64.10         | -13.00         | -51.10         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.605M       | -52.18         | -13.00         | -39.18         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 470.63M      | -66.20         | -13.00         | -53.20         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 692M         | -52.97         | -13.00         | -39.97         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.55M      | -31.84         | -13.00         | -18.84         | MBW 100k | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -37.84         | -13.00         | -24.84         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -71.99         | -13.00         | -58.99         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 717.35M      | -65.25         | -13.00         | -52.25         | MBW 100k | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 731.17M      | -66.20         | -13.00         | -53.20         | -        | -                 |
| 700.5MHz_RB 15,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8704G      | -50.28         | -13.00         | -37.28         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.474k     | -65.14         | -13.00         | -52.14         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.605M       | -51.70         | -13.00         | -38.70         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 438.55M      | -64.89         | -13.00         | -51.89         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 692M         | -64.27         | -13.00         | -51.27         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -46.75         | -13.00         | -33.75         | MBW 100k | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.98M      | -49.16         | -13.00         | -36.16         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -73.70         | -13.00         | -60.70         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 721.45M      | -66.30         | -13.00         | -53.30         | MBW 100k | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 729.37M      | -66.05         | -13.00         | -53.05         | -        | -                 |
| 700.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.77365G     | -50.16         | -13.00         | -37.16         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.715k     | -64.14         | -13.00         | -51.14         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.598M       | -51.56         | -13.00         | -38.56         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 179.81M      | -65.78         | -13.00         | -52.78         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 559.81M      | -64.20         | -13.00         | -51.20         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.25M      | -55.82         | -13.00         | -42.82         | MBW 100k | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -63.76         | -13.00         | -50.76         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.07M      | -61.58         | -13.00         | -48.58         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.85M      | -55.51         | -13.00         | -42.51         | MBW 100k | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 737.85M      | -65.77         | -13.00         | -52.77         | -        | -                 |
| 707.5MHz_RB 15,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.72595G     | -50.21         | -13.00         | -37.21         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.024k     | -62.56         | -13.00         | -49.56         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 707.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.605M       | -51.53         | -13.00         | -38.53         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 451.59M      | -65.25         | -13.00         | -52.25         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 525.39M      | -63.92         | -13.00         | -50.92         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 697.05M      | -65.19         | -13.00         | -52.19         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.95M      | -72.61         | -13.00         | -59.61         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -73.04         | -13.00         | -60.04         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 719.55M      | -65.75         | -13.00         | -52.75         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 737.64M      | -66.08         | -13.00         | -53.08         | -        | -                 |
| 707.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.78175G     | -50.07         | -13.00         | -37.07         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.602k     | -63.10         | -13.00         | -50.10         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.598M       | -52.26         | -13.00         | -39.26         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 480.5M       | -65.76         | -13.00         | -52.76         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 512.58M      | -64.10         | -13.00         | -51.10         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 695.75M      | -65.74         | -13.00         | -52.74         | MBW 100k | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -73.38         | -13.00         | -60.38         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -30.58         | -13.00         | -17.58         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.15M      | -30.71         | -13.00         | -17.71         | MBW 100k | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 722M         | -64.57         | -13.00         | -51.57         | -        | -                 |
| 714.5MHz_RB 15,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80875G     | -50.30         | -13.00         | -37.30         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.967k     | -63.67         | -13.00         | -50.67         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.93         | -13.00         | -44.93         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 388.49M      | -65.73         | -13.00         | -52.73         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 500M            | 692M           | 100k        | 300k        | RMS      | 525.34M      | -64.25         | -13.00         | -51.25         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 692M            | 697.9M         | 30k         | 100k        | RMS      | 696.35M      | -66.28         | -13.00         | -53.28         | MBW 100k | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.95M      | -74.50         | -13.00         | -61.50         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -22.69         | -13.00         | -9.69          | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 716.1M          | 722M           | 30k         | 100k        | RMS      | 716.15M      | -34.14         | -13.00         | -21.14         | MBW 100k | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 722M            | 1G             | 100k        | 300k        | RMS      | 743.41M      | -66.21         | -13.00         | -53.21         | -        | -                 |
| 714.5MHz_RB 1,#RB H            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7399G      | -50.40         | -13.00         | -37.40         | -        | -                 |
| Band 12_LTE_5MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.874k     | -62.79         | -13.00         | -49.79         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -62.19         | -13.00         | -49.19         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 432.79M      | -65.29         | -13.00         | -52.29         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 687.86M      | -51.78         | -13.00         | -38.78         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.75M      | -33.66         | -13.00         | -20.66         | MBW 100k | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -38.27         | -13.00         | -25.27         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.01M      | -59.99         | -13.00         | -46.99         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -56.75         | -13.00         | -43.75         | MBW 100k | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 731.75M      | -66.15         | -13.00         | -53.15         | -        | -                 |
| 701.5MHz_RB 25,#RB 0           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.87175G     | -50.16         | -13.00         | -37.16         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.91k      | -63.63         | -13.00         | -50.63         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -60.61         | -13.00         | -47.61         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 409.76M      | -65.45         | -13.00         | -52.45         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 669.67M      | -63.01         | -13.00         | -50.01         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.15M      | -43.33         | -13.00         | -30.33         | MBW 100k | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -58.80         | -13.00         | -45.80         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -74.22         | -13.00         | -61.22         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 718.45M      | -69.44         | -13.00         | -56.44         | MBW 100k | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 732.71M      | -65.31         | -13.00         | -52.31         | -        | -                 |
| 701.5MHz_RB 1,#RB L            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81595G     | -50.16         | -13.00         | -37.16         | -        | -                 |
| 707.5MHz_RB 25,#RB 0           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.737k     | -63.06         | -13.00         | -50.06         | -        | -                 |
| 707.5MHz_RB 25,#RB 0           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.55         | -13.00         | -42.55         | -        | -                 |
| 707.5MHz_RB 25,#RB 0           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 339.73M      | -65.72         | -13.00         | -52.72         | -        | -                 |
| 707.5MHz_RB 25,#RB 0           | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 687.72M      | -61.63         | -13.00         | -48.63         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 707.5MHz_RB 25,#RB 0            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.35M      | -51.54         | -13.00         | -38.54         | MBW 100k | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.96M      | -56.09         | -13.00         | -43.09         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.02M      | -59.56         | -13.00         | -46.56         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 717.35M      | -54.25         | -13.00         | -41.25         | MBW 100k | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 739.56M      | -65.48         | -13.00         | -52.48         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80605G     | -50.35         | -13.00         | -37.35         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.412k     | -61.55         | -13.00         | -48.55         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -59.50         | -13.00         | -46.50         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 415.4M       | -64.90         | -13.00         | -51.90         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 665.39M      | -63.90         | -13.00         | -50.90         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.75M      | -65.13         | -13.00         | -52.13         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.98M      | -72.07         | -13.00         | -59.07         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.1M       | -72.59         | -13.00         | -59.59         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.95M      | -68.78         | -13.00         | -55.78         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 737.71M      | -65.68         | -13.00         | -52.68         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.83125G     | -50.04         | -13.00         | -37.04         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.32k      | -62.97         | -13.00         | -49.97         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -58.42         | -13.00         | -45.42         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 446.07M      | -64.79         | -13.00         | -51.79         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 532.57M      | -63.88         | -13.00         | -50.88         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.05M      | -57.61         | -13.00         | -44.61         | MBW 100k | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.9M       | -63.76         | -13.00         | -50.76         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -33.88         | -13.00         | -20.88         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -32.82         | -13.00         | -19.82         | MBW 100k | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 742.03M      | -66.01         | -13.00         | -53.01         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8128G      | -50.07         | -13.00         | -37.07         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.958k     | -63.94         | -13.00         | -50.94         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -58.51         | -13.00         | -45.51         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 461.34M      | -65.77         | -13.00         | -52.77         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 657.5M       | -63.63         | -13.00         | -50.63         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.45M      | -66.15         | -13.00         | -53.15         | MBW 100k | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -74.48         | -13.00         | -61.48         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -32.47         | -13.00         | -19.47         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -37.68         | -13.00         | -24.68         | MBW 100k | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 742.92M      | -65.86         | -13.00         | -52.86         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.83395G     | -50.28         | -13.00         | -37.28         | -        | -                 |
| Band 12_LTE_5MHz_Nss1.16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.785k     | -61.77         | -13.00         | -48.77         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -59.85         | -13.00         | -46.85         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 451.36M      | -65.58         | -13.00         | -52.58         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 687.81M      | -55.50         | -13.00         | -42.50         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.65M      | -33.56         | -13.00         | -20.56         | MBW 100k | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -37.90         | -13.00         | -24.90         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -61.09         | -13.00         | -48.09         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -57.65         | -13.00         | -44.65         | MBW 100k | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 731.96M      | -65.69         | -13.00         | -52.69         | -        | -                 |
| 701.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.802G       | -50.19         | -13.00         | -37.19         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.39k      | -65.63         | -13.00         | -52.63         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -60.66         | -13.00         | -47.66         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 479.91M      | -66.14         | -13.00         | -53.14         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 684.62M      | -64.04         | -13.00         | -51.04         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.15M      | -45.09         | -13.00         | -32.09         | MBW 100k | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 698M         | -60.14         | -13.00         | -47.14         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -74.17         | -13.00         | -61.17         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 701.5MHz_RB 1,#RB L             | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 718.55M      | -69.47         | -13.00         | -56.47         | MBW 100k | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 732.51M      | -65.60         | -13.00         | -52.60         | -        | -                 |
| 701.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.098G       | -49.84         | -13.00         | -36.84         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.314k     | -62.90         | -13.00         | -49.90         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -60.76         | -13.00         | -47.76         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 406.47M      | -65.37         | -13.00         | -52.37         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 596.21M      | -63.43         | -13.00         | -50.43         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -53.73         | -13.00         | -40.73         | MBW 100k | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.92M      | -58.04         | -13.00         | -45.04         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.09M      | -58.35         | -13.00         | -45.35         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.25M      | -53.69         | -13.00         | -40.69         | MBW 100k | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 738.6M       | -65.77         | -13.00         | -52.77         | -        | -                 |
| 707.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8137G      | -50.22         | -13.00         | -37.22         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.531k     | -62.32         | -13.00         | -49.32         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.20         | -13.00         | -44.20         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 499.3M       | -65.15         | -13.00         | -52.15         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 514.66M      | -64.20         | -13.00         | -51.20         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.65M      | -65.93         | -13.00         | -52.93         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.98M      | -72.36         | -13.00         | -59.36         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.07M      | -72.90         | -13.00         | -59.90         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.45M      | -68.74         | -13.00         | -55.74         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 737.71M      | -66.01         | -13.00         | -53.01         | -        | -                 |
| 707.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.79795G     | -50.42         | -13.00         | -37.42         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.644k     | -61.74         | -13.00         | -48.74         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.35         | -13.00         | -47.35         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 481.32M      | -65.33         | -13.00         | -52.33         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 567.96M      | -64.47         | -13.00         | -51.47         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 697.65M      | -59.69         | -13.00         | -46.69         | MBW 100k | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -64.33         | -13.00         | -51.33         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -35.83         | -13.00         | -22.83         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -34.79         | -13.00         | -21.79         | MBW 100k | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 742.23M      | -66.07         | -13.00         | -53.07         | -        | -                 |
| 713.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.79795G     | -50.09         | -13.00         | -37.09         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.954k     | -63.34         | -13.00         | -50.34         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -59.48         | -13.00         | -46.48         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 468.39M      | -66.24         | -13.00         | -53.24         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 500M            | 688M           | 100k        | 300k        | RMS      | 511.61M      | -63.86         | -13.00         | -50.86         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 688M            | 697.9M         | 30k         | 100k        | RMS      | 696.45M      | -66.92         | -13.00         | -53.92         | MBW 100k | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.93M      | -74.24         | -13.00         | -61.24         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -32.06         | -13.00         | -19.06         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 716.1M          | 726M           | 30k         | 100k        | RMS      | 716.15M      | -38.14         | -13.00         | -25.14         | MBW 100k | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 726M            | 1G             | 100k        | 300k        | RMS      | 742.65M      | -66.33         | -13.00         | -53.33         | -        | -                 |
| 713.5MHz_RB 1,#RB H             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8029G      | -50.43         | -13.00         | -37.43         | -        | -                 |
| Band 12_LTE_10MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.932k     | -63.35         | -13.00         | -50.35         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.48         | -13.00         | -48.48         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 466.51M      | -65.05         | -13.00         | -52.05         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 516.73M      | -64.17         | -13.00         | -51.17         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.15M      | -31.63         | -13.00         | -18.63         | MBW 100k | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.98M      | -40.88         | -13.00         | -27.88         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.1M       | -45.44         | -13.00         | -32.44         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.15M      | -39.18         | -13.00         | -26.18         | MBW 100k | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 737.58M      | -65.56         | -13.00         | -52.56         | -        | -                 |
| 704.5MHz_RB 50,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.76825G     | -50.39         | -13.00         | -37.39         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 704.5MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.848k     | -62.52         | -13.00         | -49.52         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -58.12         | -13.00         | -45.12         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 387.79M      | -65.14         | -13.00         | -52.14         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 507.7M       | -63.38         | -13.00         | -50.38         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 695.75M      | -38.83         | -13.00         | -25.83         | MBW 100k | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.95M      | -63.17         | -13.00         | -50.17         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.09M      | -73.52         | -13.00         | -60.52         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 717.75M      | -51.97         | -13.00         | -38.97         | MBW 100k | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 737.91M      | -64.63         | -13.00         | -51.63         | -        | -                 |
| 704.5MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.82315G     | -49.98         | -13.00         | -36.98         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.152k     | -63.86         | -13.00         | -50.86         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.81         | -13.00         | -47.81         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 444.78M      | -65.64         | -13.00         | -52.64         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 665.27M      | -64.03         | -13.00         | -51.03         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 696.95M      | -37.45         | -13.00         | -24.45         | MBW 100k | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -43.93         | -13.00         | -30.93         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.05M      | -43.30         | -13.00         | -30.30         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 717.25M      | -36.65         | -13.00         | -23.65         | MBW 100k | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 737.65M      | -65.39         | -13.00         | -52.39         | -        | -                 |
| 707.5MHz_RB 50,#RB 0             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8272G      | -50.10         | -13.00         | -37.10         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.746k     | -64.69         | -13.00         | -51.69         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -60.67         | -13.00         | -47.67         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 409.53M      | -65.77         | -13.00         | -52.77         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 662.43M      | -64.14         | -13.00         | -51.14         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 694.35M      | -58.28         | -13.00         | -45.28         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -68.87         | -13.00         | -55.87         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.03M      | -71.83         | -13.00         | -58.83         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.35M      | -53.39         | -13.00         | -40.39         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 739.63M      | -65.30         | -13.00         | -52.30         | -        | -                 |
| 707.5MHz_RB 1,#RB L              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.10925G     | -49.19         | -13.00         | -36.19         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.68k      | -62.10         | -13.00         | -49.10         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.90         | -13.00         | -45.90         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 470.04M      | -65.60         | -13.00         | -52.60         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 529.06M      | -64.57         | -13.00         | -51.57         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.65M      | -49.50         | -13.00         | -36.50         | MBW 100k | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.94M      | -54.02         | -13.00         | -41.02         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -38.26         | -13.00         | -25.26         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 717.05M      | -32.22         | -13.00         | -19.22         | MBW 100k | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 738.97M      | -65.39         | -13.00         | -52.39         | -        | -                 |
| 711MHz_RB 50,#RB 0               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.76375G     | -50.11         | -13.00         | -37.11         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.451k     | -65.62         | -13.00         | -52.62         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 164.925k     | -58.63         | -13.00         | -45.63         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 421.51M      | -65.50         | -13.00         | -52.50         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 528.48M      | -63.76         | -13.00         | -50.76         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.75M      | -51.50         | -13.00         | -38.50         | MBW 100k | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.91M      | -61.77         | -13.00         | -48.77         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -42.16         | -13.00         | -29.16         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 719.85M      | -48.14         | -13.00         | -35.14         | MBW 100k | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 739.17M      | -64.98         | -13.00         | -51.98         | -        | -                 |
| 711MHz_RB 1,#RB H                | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8344G      | -50.09         | -13.00         | -37.09         | -        | -                 |
| Band 12_LTE_10MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 704.5MHz_RB 50,#RB 0             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.609k     | -64.00         | -13.00         | -51.00         | -        | -                 |
| 704.5MHz_RB 50,#RB 0             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.61         | -13.00         | -44.61         | -        | -                 |
| 704.5MHz_RB 50,#RB 0             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 137.04M      | -65.79         | -13.00         | -52.79         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode                 | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 704.5MHz_RB 50,#RB 0 | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 521.27M      | -63.81         | -13.00         | -50.81         | -        | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.45M      | -33.14         | -13.00         | -20.14         | MBW 100k | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.97M      | -40.28         | -13.00         | -27.28         | -        | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.02M      | -47.58         | -13.00         | -34.58         | -        | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.15M      | -40.12         | -13.00         | -27.12         | MBW 100k | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 738.44M      | -65.99         | -13.00         | -52.99         | -        | -                 |
| 704.5MHz_RB 50,#RB 0 | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8326G      | -49.95         | -13.00         | -36.95         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.24k      | -62.77         | -13.00         | -49.77         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -61.44         | -13.00         | -48.44         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 76.88M       | -65.63         | -13.00         | -52.63         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 629.45M      | -64.22         | -13.00         | -51.22         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 695.65M      | -39.57         | -13.00         | -26.57         | MBW 100k | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.92M      | -63.20         | -13.00         | -50.20         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.09M      | -73.46         | -13.00         | -60.46         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 717.75M      | -52.46         | -13.00         | -39.46         | MBW 100k | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 738.77M      | -66.17         | -13.00         | -53.17         | -        | -                 |
| 704.5MHz_RB 1,#RB L  | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.77545G     | -50.17         | -13.00         | -37.17         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.019k     | -61.15         | -13.00         | -48.15         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.42         | -13.00         | -45.42         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 431.26M      | -66.04         | -13.00         | -53.04         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 654.1M       | -64.08         | -13.00         | -51.08         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -38.58         | -13.00         | -25.58         | MBW 100k | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 698M         | -45.42         | -13.00         | -32.42         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.02M      | -44.57         | -13.00         | -31.57         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.15M      | -37.11         | -13.00         | -24.11         | MBW 100k | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 738.51M      | -65.23         | -13.00         | -52.23         | -        | -                 |
| 707.5MHz_RB 50,#RB 0 | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8164G      | -50.40         | -13.00         | -37.40         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.355k     | -67.21         | -13.00         | -54.21         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -55.98         | -13.00         | -42.98         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 423.74M      | -66.18         | -13.00         | -53.18         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 607.47M      | -63.17         | -13.00         | -50.17         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 694.15M      | -57.61         | -13.00         | -44.61         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.96M      | -69.04         | -13.00         | -56.04         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.01M      | -72.19         | -13.00         | -59.19         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.25M      | -52.24         | -13.00         | -39.24         | MBW 100k | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 739.76M      | -65.75         | -13.00         | -52.75         | -        | -                 |
| 707.5MHz_RB 1,#RB L  | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 2.10925G     | -49.89         | -13.00         | -36.89         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.848k     | -62.59         | -13.00         | -49.59         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -59.94         | -13.00         | -46.94         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 416.69M      | -66.10         | -13.00         | -53.10         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 540.72M      | -63.97         | -13.00         | -50.97         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 695.45M      | -48.98         | -13.00         | -35.98         | MBW 100k | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.99M      | -56.93         | -13.00         | -43.93         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716M         | -40.50         | -13.00         | -27.50         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.65M      | -35.05         | -13.00         | -22.05         | MBW 100k | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 738.9M       | -65.71         | -13.00         | -52.71         | -        | -                 |
| 711MHz_RB 50,#RB 0   | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8461G      | -50.18         | -13.00         | -37.18         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 116.83k      | -65.78         | -13.00         | -52.78         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 13.56M       | -59.78         | -13.00         | -46.78         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 441.49M      | -65.01         | -13.00         | -52.01         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 500M            | 678M           | 100k        | 300k        | RMS      | 659.13M      | -63.24         | -13.00         | -50.24         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 678M            | 697.9M         | 30k         | 100k        | RMS      | 697.85M      | -50.41         | -13.00         | -37.41         | MBW 100k | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 697.9M          | 698M           | 30k         | 100k        | RMS      | 697.9M       | -61.54         | -13.00         | -48.54         | -        | -                 |
| 711MHz_RB 1,#RB H    | Pass   | 716M            | 716.1M         | 30k         | 100k        | RMS      | 716.01M      | -44.16         | -13.00         | -31.16         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.7

| Mode              | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|-------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 711MHz_RB 1,#RB H | Pass   | 716.1M          | 736M           | 30k         | 100k        | RMS      | 716.15M      | -42.79         | -13.00         | -29.79         | MBW 100k | -                 |
| 711MHz_RB 1,#RB H | Pass   | 736M            | 1G             | 100k        | 300k        | RMS      | 740.22M      | -65.51         | -13.00         | -52.51         | -        | -                 |
| 711MHz_RB 1,#RB H | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.76735G     | -50.24         | -13.00         | -37.24         | -        | -                 |



<Mode 8> EUT 2 + LTE Band 13 Link

Summary

| Mode                     | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|--------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 13                  | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| LTE_5MHz_Nss1,QPSK_1TX   | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.60327G     | -42.00         | -40.00         | -2.00          | -      | -                 |
| LTE_5MHz_Nss1,16QAM_1TX  | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.60383G     | -41.62         | -40.00         | -1.62          | -      | -                 |
| LTE_10MHz_Nss1,QPSK_1TX  | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.592G       | -41.57         | -40.00         | -1.57          | -      | -                 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.58662G     | -41.59         | -40.00         | -1.59          | -      | -                 |



## Result

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|--------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| Band 13_LTE_5MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.134k     | -63.70         | -13.00         | -50.70         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 217.162k     | -60.71         | -13.00         | -47.71         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 478.5M       | -65.74         | -13.00         | -52.74         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 749.77M      | -62.70         | -13.00         | -49.70         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -56.01         | -13.00         | -43.01         | MBW 100k | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.99M      | -57.96         | -13.00         | -44.96         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.01M      | -56.45         | -13.00         | -43.45         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -53.61         | -13.00         | -40.61         | MBW 100k | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 921.64M      | -68.22         | -13.00         | -55.22         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.81685G     | -50.30         | -13.00         | -37.30         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 768.68M      | -63.68         | -35.00         | -28.68         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 793.57M      | -63.81         | -35.00         | -28.81         | -        | -                 |
| 779.5MHz_RB 25, #RB 0          | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.58913G     | -42.90         | -40.00         | -2.90          | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.358k     | -64.55         | -13.00         | -51.55         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.07         | -13.00         | -45.07         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 404.24M      | -65.49         | -13.00         | -52.49         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 749.31M      | -61.91         | -13.00         | -48.91         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -67.68         | -13.00         | -54.68         | MBW 100k | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -70.31         | -13.00         | -57.31         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.09M      | -72.10         | -13.00         | -59.10         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -67.72         | -13.00         | -54.72         | MBW 100k | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 904.59M      | -68.01         | -13.00         | -55.01         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8218G      | -50.15         | -13.00         | -37.15         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 773.29M      | -61.55         | -35.00         | -26.55         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 805.35M      | -63.21         | -35.00         | -28.21         | -        | -                 |
| 779.5MHz_RB 1, #RB L           | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.58235G     | -42.40         | -40.00         | -2.40          | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.967k     | -62.59         | -13.00         | -49.59         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -61.22         | -13.00         | -48.22         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 431.15M      | -65.02         | -13.00         | -52.02         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 749.97M      | -60.53         | -13.00         | -47.53         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -64.87         | -13.00         | -51.87         | MBW 100k | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.97M      | -65.06         | -13.00         | -52.06         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.03M      | -46.64         | -13.00         | -33.64         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -43.20         | -13.00         | -30.20         | MBW 100k | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 879.37M      | -68.08         | -13.00         | -55.08         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8425G      | -50.29         | -13.00         | -37.29         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 774.42M      | -64.84         | -35.00         | -29.84         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 797.03M      | -63.52         | -35.00         | -28.52         | -        | -                 |
| 782MHz_RB 25, #RB 0            | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.60327G     | -42.00         | -40.00         | -2.00          | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 117.394k     | -63.42         | -13.00         | -50.42         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.07         | -13.00         | -45.07         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 470.16M      | -65.23         | -13.00         | -52.23         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 751.24M      | -61.71         | -13.00         | -48.71         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.55M      | -69.87         | -13.00         | -56.87         | MBW 100k | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.98M      | -73.86         | -13.00         | -60.86         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -72.07         | -13.00         | -59.07         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 788.45M      | -57.73         | -13.00         | -44.73         | MBW 100k | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 986.96M      | -67.83         | -13.00         | -54.83         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.838G       | -50.32         | -13.00         | -37.32         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 769.32M      | -64.48         | -35.00         | -29.48         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 796.41M      | -64.62         | -35.00         | -29.62         | -        | -                 |
| 782MHz_RB 1, #RB L             | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.59021G     | -42.16         | -40.00         | -2.16          | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.8

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 784.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 118.275k     | -60.74         | -13.00         | -47.74         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -57.26         | -13.00         | -44.26         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 278.04M      | -66.45         | -13.00         | -53.45         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 755.43M      | -61.04         | -13.00         | -48.04         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -69.69         | -13.00         | -56.69         | MBW 100k | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -73.53         | -13.00         | -60.53         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -39.76         | -13.00         | -26.76         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -40.50         | -13.00         | -27.50         | MBW 100k | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 896.17M      | -67.10         | -13.00         | -54.10         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7381G      | -50.33         | -13.00         | -37.33         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 773.27M      | -63.86         | -35.00         | -28.86         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 800.31M      | -64.56         | -35.00         | -29.56         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.59077G     | -42.74         | -40.00         | -2.74          | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.785k     | -61.83         | -13.00         | -48.83         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.64         | -13.00         | -46.64         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 474.03M      | -65.96         | -13.00         | -52.96         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 753.03M      | -62.63         | -13.00         | -49.63         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 772.45M      | -70.30         | -13.00         | -57.30         | MBW 100k | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.9M       | -74.70         | -13.00         | -61.70         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -34.61         | -13.00         | -21.61         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -41.51         | -13.00         | -28.51         | MBW 100k | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 869.01M      | -67.57         | -13.00         | -54.57         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.8218G      | -50.09         | -13.00         | -37.09         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 764.89M      | -63.94         | -35.00         | -28.94         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 798.37M      | -63.55         | -35.00         | -28.55         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.59357G     | -42.62         | -40.00         | -2.62          | -        | -                 |
| Band 13_LTE_5MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.117k     | -60.67         | -13.00         | -47.67         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 4.65M        | -61.22         | -13.00         | -48.22         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 175.11M      | -66.10         | -13.00         | -53.10         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 750.57M      | -61.52         | -13.00         | -48.52         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -58.37         | -13.00         | -45.37         | MBW 100k | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -60.41         | -13.00         | -47.41         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.05M      | -57.59         | -13.00         | -44.59         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -53.44         | -13.00         | -40.44         | MBW 100k | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 916.41M      | -68.17         | -13.00         | -55.17         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 8.0695G      | -50.57         | -13.00         | -37.57         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 773.7M       | -63.60         | -35.00         | -28.60         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 794.34M      | -63.97         | -35.00         | -28.97         | -        | -                 |
| 779.5MHz_RB 25,#RB 0            | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.56246G     | -41.64         | -40.00         | -1.64          | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.342k     | -63.57         | -13.00         | -50.57         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -58.13         | -13.00         | -45.13         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 164.66M      | -66.28         | -13.00         | -53.28         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 733.35M      | -62.98         | -13.00         | -49.98         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -67.69         | -13.00         | -54.69         | MBW 100k | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.98M      | -70.52         | -13.00         | -57.52         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.07M      | -72.52         | -13.00         | -59.52         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -68.19         | -13.00         | -55.19         | MBW 100k | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 833.03M      | -68.24         | -13.00         | -55.24         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7462G      | -50.25         | -13.00         | -37.25         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 769.78M      | -62.74         | -35.00         | -27.74         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 800.08M      | -63.60         | -35.00         | -28.60         | -        | -                 |
| 779.5MHz_RB 1,#RB L             | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.59504G     | -42.03         | -40.00         | -2.03          | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 120.531k     | -64.28         | -13.00         | -51.28         | -        | -                 |



## CSE-TX-Sum Results

## Appendix D.8

| Mode                            | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|---------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 782MHz_RB 25,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -60.29         | -13.00         | -47.29         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 463.93M      | -66.15         | -13.00         | -53.15         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 722.97M      | -62.47         | -13.00         | -49.47         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -66.93         | -13.00         | -53.93         | MBW 100k | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -67.86         | -13.00         | -54.86         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.04M      | -49.28         | -13.00         | -36.28         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -45.31         | -13.00         | -32.31         | MBW 100k | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 971.22M      | -68.03         | -13.00         | -55.03         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.78445G     | -50.33         | -13.00         | -37.33         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 774.47M      | -64.73         | -35.00         | -29.73         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 793.72M      | -64.46         | -35.00         | -29.46         | -        | -                 |
| 782MHz_RB 25,#RB 0              | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.60378G     | -42.19         | -40.00         | -2.19          | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 119.227k     | -60.75         | -13.00         | -47.75         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -56.84         | -13.00         | -43.84         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 406.71M      | -65.76         | -13.00         | -52.76         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 750.51M      | -63.13         | -13.00         | -50.13         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 774.35M      | -70.07         | -13.00         | -57.07         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.92M      | -73.96         | -13.00         | -60.96         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.03M      | -71.80         | -13.00         | -58.80         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 788.45M      | -58.73         | -13.00         | -45.73         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 934.94M      | -68.18         | -13.00         | -55.18         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.87175G     | -50.13         | -13.00         | -37.13         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 764.77M      | -63.13         | -35.00         | -28.13         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 793.23M      | -63.47         | -35.00         | -28.47         | -        | -                 |
| 782MHz_RB 1,#RB L               | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.60383G     | -41.62         | -40.00         | -1.62          | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.244k     | -64.39         | -13.00         | -51.39         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.09         | -13.00         | -46.09         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 483.08M      | -65.85         | -13.00         | -52.85         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 754.7M       | -60.88         | -13.00         | -47.88         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -70.05         | -13.00         | -57.05         | MBW 100k | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.99M      | -73.04         | -13.00         | -60.04         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.01M      | -41.23         | -13.00         | -28.23         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -41.92         | -13.00         | -28.92         | MBW 100k | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 915.81M      | -68.03         | -13.00         | -55.03         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.69625G     | -49.85         | -13.00         | -36.85         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 772.75M      | -64.40         | -35.00         | -29.40         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 803.88M      | -64.73         | -35.00         | -29.73         | -        | -                 |
| 784.5MHz_RB 25,#RB 0            | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.58952G     | -41.94         | -40.00         | -1.94          | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 122.188k     | -63.13         | -13.00         | -50.13         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 157.462k     | -58.54         | -13.00         | -45.54         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 127.06M      | -65.74         | -13.00         | -52.74         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 500M            | 766M           | 100k        | 300k        | RMS      | 753.17M      | -63.16         | -13.00         | -50.16         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 766M            | 775.9M         | 30k         | 100k        | RMS      | 775.55M      | -70.28         | -13.00         | -57.28         | MBW 100k | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.97M      | -74.53         | -13.00         | -61.53         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -35.33         | -13.00         | -22.33         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 787.1M          | 797M           | 30k         | 100k        | RMS      | 787.15M      | -43.02         | -13.00         | -30.02         | MBW 100k | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 797M            | 1G             | 100k        | 300k        | RMS      | 988.58M      | -68.39         | -13.00         | -55.39         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80335G     | -50.01         | -13.00         | -37.01         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 769.81M      | -64.22         | -35.00         | -29.22         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 799.69M      | -63.33         | -35.00         | -28.33         | -        | -                 |
| 784.5MHz_RB 1,#RB H             | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.56993G     | -42.14         | -40.00         | -2.14          | -        | -                 |
| Band 13_LTE_10MHz_Nss1,QPSK_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 782MHz_RB 50,#RB 0              | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.843k     | -63.49         | -13.00         | -50.49         | -        | -                 |
| 782MHz_RB 50,#RB 0              | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -59.71         | -13.00         | -46.71         | -        | -                 |

| Mode                             | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark   | Ref.Limit<br>(dB) |
|----------------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 782MHz_RB 50,#RB 0               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 413.05M      | -66.02         | -13.00         | -53.02         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 500M            | 756M           | 100k        | 300k        | RMS      | 750.56M      | -60.86         | -13.00         | -47.86         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 756M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -57.49         | -13.00         | -44.49         | MBW 100k | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -59.24         | -13.00         | -46.24         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -41.48         | -13.00         | -28.48         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 787.1M          | 807M           | 30k         | 100k        | RMS      | 787.45M      | -39.24         | -13.00         | -26.24         | MBW 100k | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 807M            | 1G             | 100k        | 300k        | RMS      | 919.76M      | -68.17         | -13.00         | -55.17         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7732G      | -50.23         | -13.00         | -37.23         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 774.39M      | -64.27         | -35.00         | -29.27         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 798.86M      | -63.41         | -35.00         | -28.41         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.5827G      | -41.76         | -40.00         | -1.76          | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 114.715k     | -61.53         | -13.00         | -48.53         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 150k         | -60.22         | -13.00         | -47.22         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 484.02M      | -65.54         | -13.00         | -52.54         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 500M            | 756M           | 100k        | 300k        | RMS      | 746.98M      | -62.43         | -13.00         | -49.43         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 756M            | 775.9M         | 30k         | 100k        | RMS      | 775.45M      | -63.51         | -13.00         | -50.51         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -70.75         | -13.00         | -57.75         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.01M      | -68.57         | -13.00         | -55.57         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 787.1M          | 807M           | 30k         | 100k        | RMS      | 790.75M      | -62.18         | -13.00         | -49.18         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 807M            | 1G             | 100k        | 300k        | RMS      | 915.47M      | -68.18         | -13.00         | -55.18         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.79165G     | -50.05         | -13.00         | -37.05         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 772.25M      | -62.81         | -35.00         | -27.81         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 794.27M      | -64.03         | -35.00         | -29.03         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.592G       | -41.57         | -40.00         | -1.57          | -        | -                 |
| Band 13_LTE_10MHz_Nss1,16QAM_1TX | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 115.314k     | -61.74         | -13.00         | -48.74         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 179.85k      | -60.33         | -13.00         | -47.33         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 445.25M      | -64.36         | -13.00         | -51.36         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 500M            | 756M           | 100k        | 300k        | RMS      | 754.98M      | -61.97         | -13.00         | -48.97         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 756M            | 775.9M         | 30k         | 100k        | RMS      | 775.85M      | -58.63         | -13.00         | -45.63         | MBW 100k | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 776M         | -61.09         | -13.00         | -48.09         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787M         | -44.06         | -13.00         | -31.06         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 787.1M          | 807M           | 30k         | 100k        | RMS      | 788.65M      | -40.46         | -13.00         | -27.46         | MBW 100k | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 807M            | 1G             | 100k        | 300k        | RMS      | 978.34M      | -68.35         | -13.00         | -55.35         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.7741G      | -50.32         | -13.00         | -37.32         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 773.91M      | -64.01         | -35.00         | -29.01         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 794.57M      | -63.50         | -35.00         | -28.50         | -        | -                 |
| 782MHz_RB 50,#RB 0               | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.57558G     | -42.39         | -40.00         | -2.39          | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 9k              | 150k           | 200         | 1k          | RMS      | 121.306k     | -62.35         | -13.00         | -49.35         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 150k            | 30M            | 10k         | 30k         | RMS      | 172.388k     | -59.91         | -13.00         | -46.91         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 30M             | 500M           | 100k        | 300k        | RMS      | 419.87M      | -65.27         | -13.00         | -52.27         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 500M            | 756M           | 100k        | 300k        | RMS      | 747.04M      | -62.22         | -13.00         | -49.22         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 756M            | 775.9M         | 30k         | 100k        | RMS      | 775.05M      | -65.10         | -13.00         | -52.10         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 775.9M          | 776M           | 30k         | 100k        | RMS      | 775.97M      | -70.52         | -13.00         | -57.52         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 787M            | 787.1M         | 30k         | 100k        | RMS      | 787.02M      | -69.07         | -13.00         | -56.07         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 787.1M          | 807M           | 30k         | 100k        | RMS      | 790.95M      | -61.42         | -13.00         | -48.42         | MBW 100k | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 807M            | 1G             | 100k        | 300k        | RMS      | 930.71M      | -67.96         | -13.00         | -54.96         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 1G              | 10G            | 1M          | 3M          | RMS      | 9.80065G     | -50.25         | -13.00         | -37.25         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 763M            | 775M           | 6.8k        | 10k         | RMS      | 772.23M      | -62.24         | -35.00         | -27.24         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 793M            | 806M           | 6.8k        | 10k         | RMS      | 799.7M       | -62.99         | -35.00         | -27.99         | -        | -                 |
| 782MHz_RB 1,#RB L                | Pass   | 1.559G          | 1.61G          | 1M          | 3M          | RMS      | 1.58662G     | -41.59         | -40.00         | -1.59          | -        | -                 |



## RSE above 1GHz Result

## Appendix E

|                     |                   |                  |             |
|---------------------|-------------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 2      | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 9262 (1852.4 MHz) |                  |             |

### Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |            |
| 1 | 1654.90 | 25.25  | 82.20         | -56.95        | 29.40         | 4.08                 | 25.74             | 33.97            | 245   | 38    | Average | HORIZONTAL |

### Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |           |
| 1 | 1654.42 | 24.95  | 82.20         | -57.25        | 29.12         | 4.06                 | 25.74             | 33.97            | 156   | 358   | Average | VERTICAL  |

|                     |                 |                  |             |
|---------------------|-----------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 2    | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 9400 (1880 MHz) |                  |             |

### Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |            |
| 1 | 1675.03 | 25.86  | 82.20         | -56.34        | 29.93         | 4.10                 | 25.77             | 33.94            | 225   | 73    | Average | HORIZONTAL |

### Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |           |
| 1 | 1675.01 | 26.08  | 82.20         | -56.12        | 30.15         | 4.10                 | 25.77             | 33.94            | 166   | 258   | Average | VERTICAL  |

|                     |                   |                  |             |
|---------------------|-------------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 2      | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 9538 (1907.6 MHz) |                  |             |

### Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |            |
| 1 | 1693.54 | 26.07  | 82.20         | -56.13        | 30.07         | 4.12                 | 25.79             | 33.91            | 202   | 77    | Average | HORIZONTAL |

### Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Antenna<br>Factor | Preamp<br>Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|-------------------|------------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m              | dB               | cm    | deg   |         |           |
| 1 | 1692.79 | 26.04  | 82.20         | -56.16        | 30.04         | 4.12                 | 25.79             | 33.91            | 131   | 344   | Average | VERTICAL  |

|              |                   |           |             |
|--------------|-------------------|-----------|-------------|
| Band         | WCDMA Band 4      | Test Mode | QPSK / 5MHz |
| Test Channel | 1132 (1712.4 MHz) |           |             |

## Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3415.36 | 30.46  | 82.20         | -51.74        | 28.47         | 5.91                 | 28.68            | 32.60 | 161   | 352    | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3415.84 | 30.48  | 82.20         | -51.72        | 28.49         | 5.91                 | 28.68            | 32.60 | 256   | 81     | Average VERTICAL |

|              |                   |           |             |
|--------------|-------------------|-----------|-------------|
| Band         | WCDMA Band 4      | Test Mode | QPSK / 5MHz |
| Test Channel | 1413 (1732.6 MHz) |           |             |

## Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3465.80 | 31.50  | 82.20         | -50.70        | 29.45         | 5.97                 | 28.69            | 32.61 | 152   | 360    | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3465.32 | 30.79  | 82.20         | -51.41        | 28.74         | 5.97                 | 28.69            | 32.61 | 278   | 56     | Average VERTICAL |

|              |                   |           |             |
|--------------|-------------------|-----------|-------------|
| Band         | WCDMA Band 4      | Test Mode | QPSK / 5MHz |
| Test Channel | 1513 (1752.6 MHz) |           |             |

## Horizontal

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3507.36 | 30.45  | 82.20         | -51.75        | 28.32         | 6.01                 | 28.72            | 32.60 | 148   | 360    | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3507.64 | 30.60  | 82.20         | -51.60        | 28.45         | 6.03                 | 28.72            | 32.60 | 277   | 73     | Average VERTICAL |

|                     |                  |                  |             |
|---------------------|------------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 5     | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 4132 (826.4 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark      | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|-------------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg         |            |
| 1 | 3704.96 | 30.92  | 82.20         | -51.28        | 28.11         | 6.21                 | 29.08            | 32.48 | 232   | 312 Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark     | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|------------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg        |           |
| 1 | 3707.24 | 31.01  | 82.20         | -51.19        | 28.20         | 6.21                 | 29.08            | 32.48 | 114   | 31 Average | VERTICAL  |

|                     |                  |                  |             |
|---------------------|------------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 5     | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 4183 (836.6 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark      | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|-------------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg         |            |
| 1 | 3768.16 | 31.69  | 82.20         | -50.51        | 28.67         | 6.26                 | 29.20            | 32.44 | 252   | 353 Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark     | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|------------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg        |           |
| 1 | 3759.04 | 31.64  | 82.20         | -50.56        | 28.66         | 6.25                 | 29.18            | 32.45 | 101   | 56 Average | VERTICAL  |

|                     |                  |                  |             |
|---------------------|------------------|------------------|-------------|
| <b>Band</b>         | WCDMA Band 5     | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 4233 (846.6 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark      | Pol/Phase  |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|-------------|------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg         |            |
| 1 | 3806.80 | 31.31  | 82.20         | -50.89        | 28.18         | 6.29                 | 29.26            | 32.42 | 281   | 304 Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark     | Pol/Phase |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|------------|-----------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg        |           |
| 1 | 3810.84 | 31.19  | 82.20         | -51.01        | 28.05         | 6.29                 | 29.27            | 32.42 | 103   | 55 Average | VERTICAL  |

|                     |                  |                  |              |
|---------------------|------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 2       | <b>Test Mode</b> | QPSK / 20MHz |
| <b>Test Channel</b> | 18700 (1860 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3719.15 | 31.94  | 82.20         | -50.26        | 29.10         | 6.22                 | 29.10            | 32.48 | 144   | 337    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3717.31 | 31.91  | 82.20         | -50.29        | 29.07         | 6.22                 | 29.10            | 32.48 | 151   | 360    | Average VERTICAL |

|                     |                  |                  |              |
|---------------------|------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 2       | <b>Test Mode</b> | QPSK / 20MHz |
| <b>Test Channel</b> | 18900 (1880 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3757.72 | 32.11  | 82.20         | -50.09        | 29.13         | 6.25                 | 29.18            | 32.45 | 103   | 52     | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3762.15 | 31.72  | 82.20         | -50.48        | 28.74         | 6.25                 | 29.18            | 32.45 | 157   | 342    | Average VERTICAL |

|                     |                  |                  |              |
|---------------------|------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 2       | <b>Test Mode</b> | QPSK / 20MHz |
| <b>Test Channel</b> | 19100 (1900 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 3802.03 | 33.10  | 82.20         | -49.10        | 29.97         | 6.29                 | 29.26            | 32.42 | 150   | 349    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 3799.21 | 32.38  | 82.20         | -49.82        | 29.25         | 6.29                 | 29.26            | 32.42 | 174   | 238    | Average VERTICAL |

|              |                  |           |              |
|--------------|------------------|-----------|--------------|
| Band         | LTE Band 4       | Test Mode | QPSK / 10MHz |
| Test Channel | 19250 (1715 MHz) |           |              |

## Horizontal

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                    |
| 1 | 3428.31 | 31.49  | 82.20      | -50.71     | 29.47      | 5.93              | 28.69         | 32.60 | 209   | 357    | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                  |
| 1 | 3427.84 | 30.51  | 82.20      | -51.69     | 28.49      | 5.93              | 28.69         | 32.60 | 177   | 318    | Average VERTICAL |

|              |                    |           |              |
|--------------|--------------------|-----------|--------------|
| Band         | LTE Band 4         | Test Mode | QPSK / 10MHz |
| Test Channel | 19425 (1732.5 MHz) |           |              |

## Horizontal

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                    |
| 1 | 3466.10 | 31.34  | 82.20      | -50.86     | 29.29      | 5.97              | 28.69         | 32.61 | 178   | 51     | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                  |
| 1 | 3462.55 | 30.38  | 82.20      | -51.82     | 28.33      | 5.97              | 28.69         | 32.61 | 155   | 312    | Average VERTICAL |

|              |                  |           |              |
|--------------|------------------|-----------|--------------|
| Band         | LTE Band 4       | Test Mode | QPSK / 10MHz |
| Test Channel | 19600 (1750 MHz) |           |              |

## Horizontal

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                    |
| 1 | 3500.17 | 31.27  | 82.20      | -50.93     | 29.17      | 6.01              | 28.70         | 32.61 | 199   | 360    | Average HORIZONTAL |

## Vertical

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|------------|------------|------------|-------------------|---------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB                | dB/m          | dB    | cm    | deg    |                  |
| 1 | 3499.19 | 30.29  | 82.20      | -51.91     | 28.19      | 6.01              | 28.70         | 32.61 | 150   | 102    | Average VERTICAL |

|                     |                 |                  |              |
|---------------------|-----------------|------------------|--------------|
| <b>Band</b>         | LTE Band 5      | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 20450 (829 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |            |
| 1 | 1655.66 | 25.86  | 82.20      | -56.34     | 30.01      | 4.08       | 25.74          | 33.97         | 203   | 11    | Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |           |
| 1 | 1655.87 | 25.65  | 82.20      | -56.55     | 29.80      | 4.08       | 25.74          | 33.97         | 151   | 312   | Average | VERTICAL  |

|                     |                   |                  |              |
|---------------------|-------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 5        | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 20525 (836.5 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |            |
| 1 | 1675.24 | 26.35  | 82.20      | -55.85     | 30.41      | 4.10       | 25.77          | 33.93         | 177   | 349   | Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |           |
| 1 | 1673.80 | 25.62  | 82.20      | -56.58     | 29.69      | 4.10       | 25.77          | 33.94         | 150   | 56    | Average | VERTICAL  |

|                     |                 |                  |              |
|---------------------|-----------------|------------------|--------------|
| <b>Band</b>         | LTE Band 5      | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 20600 (844 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase  |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|------------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |            |
| 1 | 1685.85 | 26.72  | 82.20      | -55.48     | 30.75      | 4.10       | 25.79          | 33.92         | 187   | 359   | Average | HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark  | Pol/Phase |
|---|---------|--------|------------|------------|------------|------------|----------------|---------------|-------|-------|---------|-----------|
|   | MHz     | dBuV/m | dBuV/m     | dB         | dBuV       | dB         | dB/m           | dB            | cm    | deg   |         |           |
| 1 | 1686.73 | 25.83  | 82.20      | -56.37     | 29.86      | 4.10       | 25.79          | 33.92         | 132   | 312   | Average | VERTICAL  |

|                     |                   |                  |              |
|---------------------|-------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 12       | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 23065 (704.5 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1407.62 | 24.62  | 82.20         | -57.58        | 30.14         | 3.74                 | 25.31            | 34.57 | 203   | 301    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1407.14 | 23.71  | 82.20         | -58.49        | 29.23         | 3.74                 | 25.31            | 34.57 | 167   | 36     | Average VERTICAL |

|                     |                   |                  |              |
|---------------------|-------------------|------------------|--------------|
| <b>Band</b>         | LTE Band 12       | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 23095 (707.5 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1416.37 | 24.89  | 82.20         | -57.31        | 30.36         | 3.74                 | 25.33            | 34.54 | 200   | 346    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1415.92 | 24.20  | 82.20         | -58.00        | 29.67         | 3.74                 | 25.33            | 34.54 | 167   | 304    | Average VERTICAL |

|                     |                 |                  |              |
|---------------------|-----------------|------------------|--------------|
| <b>Band</b>         | LTE Band 12     | <b>Test Mode</b> | QPSK / 10MHz |
| <b>Test Channel</b> | 23130 (711 MHz) |                  |              |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1424.24 | 24.80  | 82.20         | -57.40        | 30.19         | 3.77                 | 25.35            | 34.51 | 197   | 328    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1424.46 | 23.72  | 82.20         | -58.48        | 29.11         | 3.77                 | 25.35            | 34.51 | 142   | 77     | Average VERTICAL |

|                     |                   |                  |             |
|---------------------|-------------------|------------------|-------------|
| <b>Band</b>         | LTE Band 13       | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 23205 (779.5 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1559.41 | 25.91  | 82.20         | -56.29        | 30.48         | 3.95                 | 25.60            | 34.12 | 193   | 360    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1560.22 | 25.80  | 82.20         | -56.40        | 30.37         | 3.95                 | 25.60            | 34.12 | 150   | 32     | Average VERTICAL |

|                     |                 |                  |             |
|---------------------|-----------------|------------------|-------------|
| <b>Band</b>         | LTE Band 13     | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 23230 (782 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1561.71 | 25.40  | 82.20         | -56.80        | 29.97         | 3.95                 | 25.60            | 34.12 | 187   | 308    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1561.94 | 25.35  | 82.20         | -56.85        | 29.92         | 3.95                 | 25.60            | 34.12 | 140   | 99     | Average VERTICAL |

|                     |                   |                  |             |
|---------------------|-------------------|------------------|-------------|
| <b>Band</b>         | LTE Band 13       | <b>Test Mode</b> | QPSK / 5MHz |
| <b>Test Channel</b> | 23255 (784.5 MHz) |                  |             |

**Horizontal**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase          |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|--------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                    |
| 1 | 1567.01 | 25.98  | 82.20         | -56.22        | 30.54         | 3.95                 | 25.60            | 34.11 | 173   | 344    | Average HORIZONTAL |

**Vertical**

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | CableAntenna<br>Loss | Preamp<br>Factor | A/Pos | T/Pos | Remark | Pol/Phase        |
|---|---------|--------|---------------|---------------|---------------|----------------------|------------------|-------|-------|--------|------------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB                   | dB/m             | dB    | cm    | deg    |                  |
| 1 | 1567.87 | 25.57  | 82.20         | -56.63        | 30.11         | 3.95                 | 25.61            | 34.10 | 133   | 49     | Average VERTICAL |



**<Mode 1> EUT 2 + WCDMA Band 2 Link**

**Summary**

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | ppm   | Limit<br>(Fl,Fh,ppm) | Port | Remark |
|---------------------|--------|------------|----------------|------------|------------|-------|----------------------|------|--------|
| Band 2              | -      | -          | -              | -          | -          | -     | -                    | -    | -      |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1.88G      | 1.880004G      | 1.877699G  | 1.882309G  | 2.244 | 1.85G,1.91G,2.5      | 1    | -      |



## Frequency Stability Results

## Appendix F.1

### Result

| Mode                       | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | ppm    | Limit<br>(Fl,Fh,ppm) | Port | Remark |
|----------------------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| Band 2_WCDMA_5MHz_Nss1_1TX | -      | -          | -              | -          | -          | -      | -                    | -    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.88G          | 1.877701G  | 1.882299G  | 0.002  | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879996G      | 1.877688G  | 1.882304G  | -1.995 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879997G      | 1.877696G  | 1.882299G  | -1.496 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.880004G      | 1.877699G  | 1.882309G  | 2.244  | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.88G          | 1.877692G  | 1.882307G  | -0.249 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879996G      | 1.877698G  | 1.882294G  | -1.995 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879997G      | 1.877692G  | 1.882303G  | -1.496 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879997G      | 1.87769G   | 1.882304G  | -1.496 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879996G      | 1.877695G  | 1.882298G  | -1.995 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879998G      | 1.877692G  | 1.882303G  | -1.247 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879996G      | 1.87769G   | 1.882302G  | -2.244 | 1.85G,1.91G,2.5      | 1    | -      |
| 1880MHz                    | Pass   | 1.88G      | 1.879998G      | 1.8777G    | 1.882296G  | -0.997 | 1.85G,1.91G,2.5      | 1    | -      |



**<Mode 2> EUT 2 + WCDMA Band 4 Link**

**Summary**

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | F <sub>L</sub><br>(Hz) | F <sub>H</sub><br>(Hz) | ppm   | Limit<br>(F <sub>L</sub> ,F <sub>H</sub> ,ppm) | Port | Remark |
|---------------------|--------|------------|----------------|------------------------|------------------------|-------|------------------------------------------------|------|--------|
| Band 4              | -      | -          | -              | -                      | -                      | -     | -                                              | -    | -      |
| WCDMA_5MHz_Nss1_1TX | Pass   | 1712.4     | 1712.39212     | 1710.14983             | 1714.63441             | -4.60 | 1.71G,1.755G,Inf                               | 1    | -      |



## Frequency Stability Results

## Appendix F.2

### Result

| Mode                       | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | ppm   | Limit<br>(Fl,Fh,ppm) | Port | Remark |
|----------------------------|--------|------------|----------------|------------|------------|-------|----------------------|------|--------|
| Band 4_WCDMA_5MHz_Nss1_1TX | -      | -          | -              | -          | -          | -     | -                    | -    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39240     | 1710.14990 | 1714.63489 | -4.44 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39212     | 1710.14983 | 1714.63441 | -4.60 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39220     | 1710.14994 | 1714.63446 | -4.56 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39212     | 1710.14992 | 1714.63432 | -4.60 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39245     | 1710.14995 | 1714.63495 | -4.41 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39240     | 1710.14988 | 1714.63492 | -4.44 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39222     | 1710.14990 | 1714.63453 | -4.55 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39225     | 1710.14992 | 1714.63457 | -4.53 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39215     | 1710.14993 | 1714.63437 | -4.58 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39221     | 1710.14987 | 1714.63454 | -4.55 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39235     | 1710.14991 | 1714.63479 | -4.47 | 1.71G,1.755G,Inf     | 1    | -      |
| 1712.4MHz                  | Pass   | 1712.4     | 1712.39227     | 1710.14988 | 1714.63466 | -4.51 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59341     | 1750.38988 | 1754.79694 | -3.76 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59309     | 1750.38970 | 1754.79648 | -3.94 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59312     | 1750.38981 | 1754.79643 | -3.93 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59320     | 1750.38987 | 1754.79653 | -3.88 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59329     | 1750.38970 | 1754.79688 | -3.83 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59312     | 1750.38982 | 1754.79641 | -3.93 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59306     | 1750.38979 | 1754.79633 | -3.96 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59326     | 1750.38977 | 1754.79675 | -3.85 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59312     | 1750.38971 | 1754.79653 | -3.93 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59312     | 1750.38975 | 1754.79648 | -3.93 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59331     | 1750.38980 | 1754.79682 | -3.82 | 1.71G,1.755G,Inf     | 1    | -      |
| 1752.6MHz                  | Pass   | 1752.6     | 1752.59319     | 1750.38984 | 1754.79653 | -3.89 | 1.71G,1.755G,Inf     | 1    | -      |



**<Mode 3> EUT 2 + WCDMA Band 5 Link**

**Summary**

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz) | ppm    | Limit<br>(Fl,Fh,ppm) | Port | Remark |
|---------------------|--------|------------|----------------|-------------|------------|--------|----------------------|------|--------|
| Band 5              | -      | -          | -              | -           | -          | -      | -                    | -    | -      |
| WCDMA_5MHz_Nss1_1TX | Pass   | 836.6M     | 836.597938M    | 834.241625M | 838.95425M | -2.465 | 824M,849M,2.5        | 1    | -      |



## Frequency Stability Results

## Appendix F.3

### Result

| Mode                       | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | ppm    | Limit<br>(Fl,Fh,ppm) | Port | Remark |
|----------------------------|--------|------------|----------------|-------------|-------------|--------|----------------------|------|--------|
| Band 5_WCDMA_5MHz_Nss1_1TX | -      | -          | -              | -           | -           | -      | -                    | -    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.598406M    | 834.246312M | 838.9505M   | -1.905 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.599625M    | 834.242M    | 838.95725M  | -0.448 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.598031M    | 834.239188M | 838.956875M | -2.353 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.599062M    | 834.248562M | 838.949562M | -1.121 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.597938M    | 834.241625M | 838.95425M  | -2.465 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.598125M    | 834.2495M   | 838.94675M  | -2.241 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.599156M    | 834.2435M   | 838.954812M | -1.009 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.602062M    | 834.257M    | 838.947125M | 2.465  | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.599625M    | 834.248938M | 838.950312M | -0.448 | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.601125M    | 834.26075M  | 838.9415M   | 1.345  | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.601125M    | 834.243875M | 838.958375M | 1.345  | 824M,849M,2.5        | 1    | -      |
| 836.6MHz                   | Pass   | 836.6M     | 836.5985M      | 834.242938M | 838.954062M | -1.793 | 824M,849M,2.5        | 1    | -      |



**<Mode 4> EUT 2 + LTE Band 2 Link**

**Summary**

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm    | Limit<br>(ppm) | Port |
|----------------------|--------|------------|----------------|------------|------------|------------------|------------------|--------|----------------|------|
| Band 2               | -      | -          | -              | -          | -          | -                | -                | -      | -              | -    |
| LTE_15MHz_(QPSK)_1TX | Pass   | 1.9025G    | 1.902495G      | 1.895651G  | 1.909339G  | 1.85G            | 1.91G            | -2.470 | 2.5            | 1    |



## Frequency Stability Results

## Appendix F.4

### Result

| Mode                   | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|------------------------|--------|------------|----------------|------------|------------|------------------|------------------|-------|----------------|------|--------|
| LTE_1.4MHz_(QPSK)_1TX  | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1850.7MHz_-30°C        | Pass   | 1.8507G    | 1.8507G        | 1.850123G  | 1.851277G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1850.7MHz_-20°C        | Pass   | 1.8507G    | 1.850703G      | 1.850129G  | 1.851278G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_-10°C        | Pass   | 1.8507G    | 1.850699G      | 1.850117G  | 1.851282G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_0°C          | Pass   | 1.8507G    | 1.850702G      | 1.850125G  | 1.851279G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1850.7MHz_10°C         | Pass   | 1.8507G    | 1.850706G      | 1.850133G  | 1.851278G  | 1.85G            | 1.91G            | 0.006 | 2.5            | 1    | -      |
| 1850.7MHz_20°C         | Pass   | 1.8507G    | 1.850696G      | 1.850115G  | 1.851277G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_30°C         | Pass   | 1.8507G    | 1.8507G        | 1.850121G  | 1.851278G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1850.7MHz_40°C         | Pass   | 1.8507G    | 1.8507G        | 1.850122G  | 1.851278G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1850.7MHz_50°C         | Pass   | 1.8507G    | 1.850695G      | 1.850116G  | 1.851274G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_126.5V       | Pass   | 1.8507G    | 1.850697G      | 1.850121G  | 1.851274G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1850.7MHz_93.5V        | Pass   | 1.8507G    | 1.850701G      | 1.85013G   | 1.851272G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1909.3MHz_-30°C        | Pass   | 1.9093G    | 1.909298G      | 1.908721G  | 1.909875G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_-20°C        | Pass   | 1.9093G    | 1.909296G      | 1.908722G  | 1.909869G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1909.3MHz_-10°C        | Pass   | 1.9093G    | 1.909301G      | 1.908725G  | 1.909877G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_0°C          | Pass   | 1.9093G    | 1.909297G      | 1.908719G  | 1.909875G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1909.3MHz_10°C         | Pass   | 1.9093G    | 1.9093G        | 1.908723G  | 1.909877G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_20°C         | Pass   | 1.9093G    | 1.909293G      | 1.90872G   | 1.909866G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1909.3MHz_30°C         | Pass   | 1.9093G    | 1.909295G      | 1.908722G  | 1.909868G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1909.3MHz_40°C         | Pass   | 1.9093G    | 1.909294G      | 1.908719G  | 1.90987G   | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1909.3MHz_50°C         | Pass   | 1.9093G    | 1.909303G      | 1.908734G  | 1.909871G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_126.5V       | Pass   | 1.9093G    | 1.909296G      | 1.908725G  | 1.909867G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_93.5V        | Pass   | 1.9093G    | 1.909297G      | 1.908718G  | 1.909876G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| LTE_1.4MHz_(16QAM)_1TX | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1850.7MHz_-30°C        | Pass   | 1.8507G    | 1.850697G      | 1.850126G  | 1.851269G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1850.7MHz_-20°C        | Pass   | 1.8507G    | 1.850702G      | 1.850129G  | 1.851275G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_-10°C        | Pass   | 1.8507G    | 1.8507G        | 1.85012G   | 1.851279G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_0°C          | Pass   | 1.8507G    | 1.850698G      | 1.850125G  | 1.851271G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_10°C         | Pass   | 1.8507G    | 1.850694G      | 1.850113G  | 1.851276G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1850.7MHz_20°C         | Pass   | 1.8507G    | 1.850698G      | 1.850123G  | 1.851273G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_30°C         | Pass   | 1.8507G    | 1.850702G      | 1.850122G  | 1.851281G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1850.7MHz_40°C         | Pass   | 1.8507G    | 1.850704G      | 1.850128G  | 1.851281G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_50°C         | Pass   | 1.8507G    | 1.850701G      | 1.850125G  | 1.851277G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_126.5V       | Pass   | 1.8507G    | 1.850706G      | 1.850133G  | 1.851279G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1850.7MHz_93.5V        | Pass   | 1.8507G    | 1.850698G      | 1.850119G  | 1.851276G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_-30°C        | Pass   | 1.9093G    | 1.909303G      | 1.908728G  | 1.909877G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_-20°C        | Pass   | 1.9093G    | 1.909302G      | 1.908724G  | 1.909879G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_-10°C        | Pass   | 1.9093G    | 1.909298G      | 1.908719G  | 1.909877G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|----------------------|--------|------------|----------------|------------|------------|------------------|------------------|-------|----------------|------|--------|
| 1909.3MHz_0°C        | Pass   | 1.9093G    | 1.909297G      | 1.90872G   | 1.909873G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_10°C       | Pass   | 1.9093G    | 1.909298G      | 1.908722G  | 1.909875G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_20°C       | Pass   | 1.9093G    | 1.909299G      | 1.908719G  | 1.909878G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1909.3MHz_30°C       | Pass   | 1.9093G    | 1.909301G      | 1.908726G  | 1.909877G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_40°C       | Pass   | 1.9093G    | 1.909301G      | 1.908724G  | 1.909878G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_50°C       | Pass   | 1.9093G    | 1.909297G      | 1.908717G  | 1.909876G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1909.3MHz_126.5V     | Pass   | 1.9093G    | 1.909305G      | 1.908737G  | 1.909873G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1909.3MHz_93.5V      | Pass   | 1.9093G    | 1.909301G      | 1.908726G  | 1.909875G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| LTE_3MHz_(QPSK)_1TX  | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1851.5MHz_-30°C      | Pass   | 1.8515G    | 1.851511G      | 1.850149G  | 1.852873G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_-20°C      | Pass   | 1.8515G    | 1.851506G      | 1.850141G  | 1.852871G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_-10°C      | Pass   | 1.8515G    | 1.851508G      | 1.850139G  | 1.852877G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_0°C        | Pass   | 1.8515G    | 1.851505G      | 1.850148G  | 1.852862G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1851.5MHz_10°C       | Pass   | 1.8515G    | 1.851502G      | 1.850139G  | 1.852866G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_20°C       | Pass   | 1.8515G    | 1.851508G      | 1.850145G  | 1.85287G   | 1.85G            | 1.91G            | 0.006 | 2.5            | 1    | -      |
| 1851.5MHz_30°C       | Pass   | 1.8515G    | 1.851512G      | 1.85014G   | 1.852883G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1851.5MHz_40°C       | Pass   | 1.8515G    | 1.851504G      | 1.850153G  | 1.852855G  | 1.85G            | 1.91G            | 0.006 | 2.5            | 1    | -      |
| 1851.5MHz_50°C       | Pass   | 1.8515G    | 1.851508G      | 1.850154G  | 1.852863G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_126.5V     | Pass   | 1.8515G    | 1.851507G      | 1.850149G  | 1.852864G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_93.5V      | Pass   | 1.8515G    | 1.851507G      | 1.850145G  | 1.852869G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_-30°C      | Pass   | 1.9085G    | 1.908502G      | 1.907144G  | 1.90986G   | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_-20°C      | Pass   | 1.9085G    | 1.908498G      | 1.907137G  | 1.909859G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1908.5MHz_-10°C      | Pass   | 1.9085G    | 1.908495G      | 1.907133G  | 1.909858G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1908.5MHz_0°C        | Pass   | 1.9085G    | 1.908499G      | 1.907143G  | 1.909855G  | 1.85G            | 1.91G            | 0.019 | 2.5            | 1    | -      |
| 1908.5MHz_10°C       | Pass   | 1.9085G    | 1.908509G      | 1.907155G  | 1.909863G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1908.5MHz_20°C       | Pass   | 1.9085G    | 1.908509G      | 1.907135G  | 1.909882G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_30°C       | Pass   | 1.9085G    | 1.9085G        | 1.907135G  | 1.909864G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1908.5MHz_40°C       | Pass   | 1.9085G    | 1.908493G      | 1.90713G   | 1.909857G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_50°C       | Pass   | 1.9085G    | 1.908501G      | 1.907141G  | 1.909862G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1908.5MHz_126.5V     | Pass   | 1.9085G    | 1.908495G      | 1.907141G  | 1.909849G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_93.5V      | Pass   | 1.9085G    | 1.908487G      | 1.907123G  | 1.909851G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| LTE_3MHz_(16QAM)_1TX | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1851.5MHz_-30°C      | Pass   | 1.8515G    | 1.851505G      | 1.850137G  | 1.852873G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1851.5MHz_-20°C      | Pass   | 1.8515G    | 1.85151G       | 1.850149G  | 1.852871G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_-10°C      | Pass   | 1.8515G    | 1.851509G      | 1.850141G  | 1.852877G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_0°C        | Pass   | 1.8515G    | 1.85151G       | 1.850151G  | 1.85287G   | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1851.5MHz_10°C       | Pass   | 1.8515G    | 1.85151G       | 1.850138G  | 1.852881G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_20°C       | Pass   | 1.8515G    | 1.851509G      | 1.850137G  | 1.852881G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|---------------------|--------|------------|----------------|------------|------------|------------------|------------------|-------|----------------|------|--------|
| 1851.5MHz_30°C      | Pass   | 1.8515G    | 1.851506G      | 1.850152G  | 1.85286G   | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_40°C      | Pass   | 1.8515G    | 1.851512G      | 1.850147G  | 1.852877G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1851.5MHz_50°C      | Pass   | 1.8515G    | 1.851498G      | 1.850139G  | 1.852858G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_126.5V    | Pass   | 1.8515G    | 1.85151G       | 1.850153G  | 1.852866G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1851.5MHz_93.5V     | Pass   | 1.8515G    | 1.851507G      | 1.850149G  | 1.852865G  | 1.85G            | 1.91G            | 0.022 | 2.5            | 1    | -      |
| 1908.5MHz_-30°C     | Pass   | 1.9085G    | 1.908496G      | 1.907132G  | 1.909859G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_-20°C     | Pass   | 1.9085G    | 1.908506G      | 1.907143G  | 1.90987G   | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1908.5MHz_-10°C     | Pass   | 1.9085G    | 1.908498G      | 1.907133G  | 1.909863G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1908.5MHz_0°C       | Pass   | 1.9085G    | 1.908492G      | 1.907122G  | 1.909861G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_10°C      | Pass   | 1.9085G    | 1.9085G        | 1.907135G  | 1.909865G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_20°C      | Pass   | 1.9085G    | 1.908505G      | 1.907143G  | 1.909867G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_30°C      | Pass   | 1.9085G    | 1.908504G      | 1.907138G  | 1.90987G   | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1908.5MHz_40°C      | Pass   | 1.9085G    | 1.908496G      | 1.907137G  | 1.909855G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1908.5MHz_50°C      | Pass   | 1.9085G    | 1.908496G      | 1.907134G  | 1.909858G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1908.5MHz_126.5V    | Pass   | 1.9085G    | 1.9085G        | 1.90714G   | 1.909859G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1908.5MHz_93.5V     | Pass   | 1.9085G    | 1.908503G      | 1.907138G  | 1.909868G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| LTE_5MHz_(QPSK)_1TX | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1852.5MHz_-30°C     | Pass   | 1.8525G    | 1.852503G      | 1.850262G  | 1.854744G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1852.5MHz_-20°C     | Pass   | 1.8525G    | 1.852514G      | 1.850275G  | 1.854753G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_-10°C     | Pass   | 1.8525G    | 1.852511G      | 1.850259G  | 1.854763G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_0°C       | Pass   | 1.8525G    | 1.852504G      | 1.850262G  | 1.854746G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_10°C      | Pass   | 1.8525G    | 1.852515G      | 1.850273G  | 1.854756G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1852.5MHz_20°C      | Pass   | 1.8525G    | 1.852509G      | 1.850258G  | 1.85476G   | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_30°C      | Pass   | 1.8525G    | 1.852508G      | 1.850271G  | 1.854746G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_40°C      | Pass   | 1.8525G    | 1.852515G      | 1.850266G  | 1.854764G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_50°C      | Pass   | 1.8525G    | 1.85251G       | 1.850267G  | 1.854753G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1852.5MHz_126.5V    | Pass   | 1.8525G    | 1.852503G      | 1.850252G  | 1.854755G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_93.5V     | Pass   | 1.8525G    | 1.852511G      | 1.85027G   | 1.854752G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1907.5MHz_-30°C     | Pass   | 1.9075G    | 1.907508G      | 1.905266G  | 1.90975G   | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1907.5MHz_-20°C     | Pass   | 1.9075G    | 1.907486G      | 1.905247G  | 1.909726G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_-10°C     | Pass   | 1.9075G    | 1.907496G      | 1.905256G  | 1.909736G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_0°C       | Pass   | 1.9075G    | 1.907499G      | 1.90526G   | 1.909738G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_10°C      | Pass   | 1.9075G    | 1.907495G      | 1.905252G  | 1.909739G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_20°C      | Pass   | 1.9075G    | 1.907498G      | 1.905254G  | 1.909742G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_30°C      | Pass   | 1.9075G    | 1.907501G      | 1.905263G  | 1.909738G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_40°C      | Pass   | 1.9075G    | 1.9075G        | 1.905252G  | 1.909747G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_50°C      | Pass   | 1.9075G    | 1.907499G      | 1.905255G  | 1.909744G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_126.5V    | Pass   | 1.9075G    | 1.907498G      | 1.90525G   | 1.909747G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|----------------------|--------|------------|----------------|------------|------------|------------------|------------------|-------|----------------|------|--------|
| 1907.5MHz_93.5V      | Pass   | 1.9075G    | 1.907497G      | 1.905255G  | 1.90974G   | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| LTE_5MHz_(16QAM)_1TX | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1852.5MHz_-30°C      | Pass   | 1.8525G    | 1.852513G      | 1.85027G   | 1.854757G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1852.5MHz_-20°C      | Pass   | 1.8525G    | 1.852518G      | 1.85026G   | 1.854777G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_-10°C      | Pass   | 1.8525G    | 1.852515G      | 1.850271G  | 1.854759G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1852.5MHz_0°C        | Pass   | 1.8525G    | 1.85252G       | 1.850278G  | 1.854761G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_10°C       | Pass   | 1.8525G    | 1.852509G      | 1.850268G  | 1.854751G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_20°C       | Pass   | 1.8525G    | 1.8525G        | 1.850264G  | 1.854735G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_30°C       | Pass   | 1.8525G    | 1.852507G      | 1.850263G  | 1.854751G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1852.5MHz_40°C       | Pass   | 1.8525G    | 1.8525G        | 1.850254G  | 1.854747G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_50°C       | Pass   | 1.8525G    | 1.852498G      | 1.850264G  | 1.854733G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1852.5MHz_126.5V     | Pass   | 1.8525G    | 1.852512G      | 1.850259G  | 1.854765G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1852.5MHz_93.5V      | Pass   | 1.8525G    | 1.852513G      | 1.850274G  | 1.854751G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_-30°C      | Pass   | 1.9075G    | 1.907503G      | 1.905262G  | 1.909744G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_-20°C      | Pass   | 1.9075G    | 1.907497G      | 1.905247G  | 1.909748G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_-10°C      | Pass   | 1.9075G    | 1.907494G      | 1.905252G  | 1.909735G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_0°C        | Pass   | 1.9075G    | 1.907494G      | 1.905256G  | 1.909731G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1907.5MHz_10°C       | Pass   | 1.9075G    | 1.9075G        | 1.905263G  | 1.909736G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_20°C       | Pass   | 1.9075G    | 1.907495G      | 1.905257G  | 1.909732G  | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1907.5MHz_30°C       | Pass   | 1.9075G    | 1.907497G      | 1.905248G  | 1.909746G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1907.5MHz_40°C       | Pass   | 1.9075G    | 1.907495G      | 1.905254G  | 1.909737G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1907.5MHz_50°C       | Pass   | 1.9075G    | 1.907488G      | 1.905244G  | 1.909733G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1907.5MHz_126.5V     | Pass   | 1.9075G    | 1.907504G      | 1.905263G  | 1.909745G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1907.5MHz_93.5V      | Pass   | 1.9075G    | 1.907499G      | 1.905256G  | 1.909743G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| LTE_10MHz_(QPSK)_1TX | -      | -          | -              | -          | -          | -                | -                | -     | -              | -    | -      |
| 1855MHz_-30°C        | Pass   | 1.855G     | 1.855009G      | 1.850548G  | 1.859471G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1855MHz_-20°C        | Pass   | 1.855G     | 1.855021G      | 1.850568G  | 1.859474G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1855MHz_-10°C        | Pass   | 1.855G     | 1.855004G      | 1.850534G  | 1.859474G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1855MHz_0°C          | Pass   | 1.855G     | 1.855016G      | 1.850556G  | 1.859475G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1855MHz_10°C         | Pass   | 1.855G     | 1.855025G      | 1.850552G  | 1.859498G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1855MHz_20°C         | Pass   | 1.855G     | 1.855017G      | 1.850574G  | 1.859461G  | 1.85G            | 1.91G            | 0.005 | 2.5            | 1    | -      |
| 1855MHz_30°C         | Pass   | 1.855G     | 1.855018G      | 1.850539G  | 1.859498G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1855MHz_40°C         | Pass   | 1.855G     | 1.855019G      | 1.850556G  | 1.859481G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1855MHz_50°C         | Pass   | 1.855G     | 1.855017G      | 1.850543G  | 1.85949G   | 1.85G            | 1.91G            | 0.002 | 2.5            | 1    | -      |
| 1855MHz_126.5V       | Pass   | 1.855G     | 1.855026G      | 1.850569G  | 1.859483G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1855MHz_93.5V        | Pass   | 1.855G     | 1.855013G      | 1.850558G  | 1.859467G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |
| 1905MHz_-30°C        | Pass   | 1.905G     | 1.904987G      | 1.900543G  | 1.909431G  | 1.85G            | 1.91G            | 0.004 | 2.5            | 1    | -      |
| 1905MHz_-20°C        | Pass   | 1.905G     | 1.904996G      | 1.900544G  | 1.909449G  | 1.85G            | 1.91G            | 0.003 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm    | Limit<br>(ppm) | Port | Remark |
|-----------------------|--------|------------|----------------|------------|------------|------------------|------------------|--------|----------------|------|--------|
| 1905MHz_-10°C         | Pass   | 1.905G     | 1.904999G      | 1.900542G  | 1.909457G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_0°C           | Pass   | 1.905G     | 1.904993G      | 1.900545G  | 1.909441G  | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_10°C          | Pass   | 1.905G     | 1.904986G      | 1.900542G  | 1.90943G   | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_20°C          | Pass   | 1.905G     | 1.904968G      | 1.900525G  | 1.909412G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1905MHz_30°C          | Pass   | 1.905G     | 1.90498G       | 1.900541G  | 1.90942G   | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1905MHz_40°C          | Pass   | 1.905G     | 1.904999G      | 1.900551G  | 1.909448G  | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1905MHz_50°C          | Pass   | 1.905G     | 1.904988G      | 1.900542G  | 1.909434G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_126.5V        | Pass   | 1.905G     | 1.904988G      | 1.900543G  | 1.909433G  | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_93.5V         | Pass   | 1.905G     | 1.905001G      | 1.900546G  | 1.909456G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| LTE_10MHz_(16QAM)_1TX | -      | -          | -              | -          | -          | -                | -                | -      | -              | -    | -      |
| 1855MHz_-30°C         | Pass   | 1.855G     | 1.855033G      | 1.850576G  | 1.85949G   | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1855MHz_-20°C         | Pass   | 1.855G     | 1.855025G      | 1.850563G  | 1.859487G  | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1855MHz_-10°C         | Pass   | 1.855G     | 1.855032G      | 1.85057G   | 1.859494G  | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1855MHz_0°C           | Pass   | 1.855G     | 1.855014G      | 1.850558G  | 1.85947G   | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1855MHz_10°C          | Pass   | 1.855G     | 1.855016G      | 1.85056G   | 1.859472G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1855MHz_20°C          | Pass   | 1.855G     | 1.85501G       | 1.850541G  | 1.859478G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1855MHz_30°C          | Pass   | 1.855G     | 1.855024G      | 1.850552G  | 1.859495G  | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1855MHz_40°C          | Pass   | 1.855G     | 1.855008G      | 1.850538G  | 1.859478G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1855MHz_50°C          | Pass   | 1.855G     | 1.855026G      | 1.850564G  | 1.859488G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1855MHz_126.5V        | Pass   | 1.855G     | 1.855017G      | 1.85056G   | 1.859474G  | 1.85G            | 1.91G            | 0.005  | 2.5            | 1    | -      |
| 1855MHz_93.5V         | Pass   | 1.855G     | 1.855034G      | 1.850573G  | 1.859495G  | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_-30°C         | Pass   | 1.905G     | 1.904981G      | 1.900529G  | 1.909434G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1905MHz_-20°C         | Pass   | 1.905G     | 1.904981G      | 1.900542G  | 1.90942G   | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_-10°C         | Pass   | 1.905G     | 1.905008G      | 1.900553G  | 1.909462G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_0°C           | Pass   | 1.905G     | 1.904992G      | 1.900555G  | 1.909429G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_10°C          | Pass   | 1.905G     | 1.904985G      | 1.900538G  | 1.909433G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1905MHz_20°C          | Pass   | 1.905G     | 1.905001G      | 1.900546G  | 1.909456G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_30°C          | Pass   | 1.905G     | 1.904975G      | 1.900526G  | 1.909424G  | 1.85G            | 1.91G            | 0.004  | 2.5            | 1    | -      |
| 1905MHz_40°C          | Pass   | 1.905G     | 1.905001G      | 1.900551G  | 1.909452G  | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| 1905MHz_50°C          | Pass   | 1.905G     | 1.90501G       | 1.900557G  | 1.909464G  | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_126.5V        | Pass   | 1.905G     | 1.905G         | 1.900546G  | 1.909453G  | 1.85G            | 1.91G            | 0.002  | 2.5            | 1    | -      |
| 1905MHz_93.5V         | Pass   | 1.905G     | 1.904997G      | 1.900544G  | 1.90945G   | 1.85G            | 1.91G            | 0.003  | 2.5            | 1    | -      |
| LTE_15MHz_(QPSK)_1TX  | -      | -          | -              | -          | -          | -                | -                | -      | -              | -    | -      |
| 1857.5MHz_-30°C       | Pass   | 1.8575G    | 1.857502G      | 1.850679G  | 1.864324G  | 1.85G            | 1.91G            | 0.904  | 2.5            | 1    | -      |
| 1857.5MHz_-20°C       | Pass   | 1.8575G    | 1.857498G      | 1.850678G  | 1.864318G  | 1.85G            | 1.91G            | -1.168 | 2.5            | 1    | -      |
| 1857.5MHz_-10°C       | Pass   | 1.8575G    | 1.8575G        | 1.850677G  | 1.864322G  | 1.85G            | 1.91G            | -0.118 | 2.5            | 1    | -      |
| 1857.5MHz_0°C         | Pass   | 1.8575G    | 1.857499G      | 1.850679G  | 1.86432G   | 1.85G            | 1.91G            | -0.468 | 2.5            | 1    | -      |
| 1857.5MHz_10°C        | Pass   | 1.8575G    | 1.8575G        | 1.850677G  | 1.864324G  | 1.85G            | 1.91G            | 0.258  | 2.5            | 1    | -      |
| 1857.5MHz_20°C        | Pass   | 1.8575G    | 1.8575G        | 1.850678G  | 1.864321G  | 1.85G            | 1.91G            | -0.118 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm    | Limit<br>(ppm) | Port | Remark |
|-----------------------|--------|------------|----------------|------------|------------|------------------|------------------|--------|----------------|------|--------|
| 1857.5MHz_30°C        | Pass   | 1.8575G    | 1.857499G      | 1.850677G  | 1.864322G  | 1.85G            | 1.91G            | -0.361 | 2.5            | 1    | -      |
| 1857.5MHz_40°C        | Pass   | 1.8575G    | 1.857498G      | 1.850677G  | 1.864319G  | 1.85G            | 1.91G            | -1.114 | 2.5            | 1    | -      |
| 1857.5MHz_50°C        | Pass   | 1.8575G    | 1.857499G      | 1.850678G  | 1.864321G  | 1.85G            | 1.91G            | -0.280 | 2.5            | 1    | -      |
| 1857.5MHz_126.5V      | Pass   | 1.8575G    | 1.857501G      | 1.850678G  | 1.864324G  | 1.85G            | 1.91G            | 0.608  | 2.5            | 1    | -      |
| 1857.5MHz_93.5V       | Pass   | 1.8575G    | 1.857499G      | 1.850678G  | 1.864321G  | 1.85G            | 1.91G            | -0.415 | 2.5            | 1    | -      |
| 1902.5MHz_-30°C       | Pass   | 1.9025G    | 1.902499G      | 1.895653G  | 1.909344G  | 1.85G            | 1.91G            | -0.788 | 2.5            | 1    | -      |
| 1902.5MHz_-20°C       | Pass   | 1.9025G    | 1.902495G      | 1.895651G  | 1.909339G  | 1.85G            | 1.91G            | -2.470 | 2.5            | 1    | -      |
| 1902.5MHz_-10°C       | Pass   | 1.9025G    | 1.902497G      | 1.895652G  | 1.909342G  | 1.85G            | 1.91G            | -1.629 | 2.5            | 1    | -      |
| 1902.5MHz_0°C         | Pass   | 1.9025G    | 1.902496G      | 1.895653G  | 1.909340G  | 1.85G            | 1.91G            | -1.892 | 2.5            | 1    | -      |
| 1902.5MHz_10°C        | Pass   | 1.9025G    | 1.902498G      | 1.895653G  | 1.909343G  | 1.85G            | 1.91G            | -1.261 | 2.5            | 1    | -      |
| 1902.5MHz_20°C        | Pass   | 1.9025G    | 1.902496G      | 1.895652G  | 1.909340G  | 1.85G            | 1.91G            | -2.024 | 2.5            | 1    | -      |
| 1902.5MHz_30°C        | Pass   | 1.9025G    | 1.902497G      | 1.895652G  | 1.909343G  | 1.85G            | 1.91G            | -1.419 | 2.5            | 1    | -      |
| 1902.5MHz_40°C        | Pass   | 1.9025G    | 1.902498G      | 1.895653G  | 1.909343G  | 1.85G            | 1.91G            | -1.183 | 2.5            | 1    | -      |
| 1902.5MHz_50°C        | Pass   | 1.9025G    | 1.902496G      | 1.895652G  | 1.909341G  | 1.85G            | 1.91G            | -1.997 | 2.5            | 1    | -      |
| 1902.5MHz_126.5V      | Pass   | 1.9025G    | 1.902496G      | 1.895652G  | 1.90934G   | 1.85G            | 1.91G            | -2.208 | 2.5            | 1    | -      |
| 1902.5MHz_93.5V       | Pass   | 1.9025G    | 1.902498G      | 1.895652G  | 1.909343G  | 1.85G            | 1.91G            | -1.261 | 2.5            | 1    | -      |
| LTE_15MHz_(16QAM)_1TX | Pass   | 1.9025G    | 1.902499G      | 1.895653G  | 1.909344G  | 1.85G            | 1.91G            | -0.788 | 2.5            | 1    | -      |
| 1857.5MHz_-30°C       | Pass   | 1.8575G    | 1.857502G      | 1.850668G  | 1.864335G  | 1.85G            | 1.91G            | 0.878  | 2.5            | 1    | -      |
| 1857.5MHz_-20°C       | Pass   | 1.8575G    | 1.857498G      | 1.850666G  | 1.864331G  | 1.85G            | 1.91G            | -0.899 | 2.5            | 1    | -      |
| 1857.5MHz_-10°C       | Pass   | 1.8575G    | 1.857497G      | 1.850666G  | 1.864329G  | 1.85G            | 1.91G            | -1.384 | 2.5            | 1    | -      |
| 1857.5MHz_0°C         | Pass   | 1.8575G    | 1.857501G      | 1.850667G  | 1.864335G  | 1.85G            | 1.91G            | 0.716  | 2.5            | 1    | -      |
| 1857.5MHz_10°C        | Pass   | 1.8575G    | 1.857501G      | 1.850667G  | 1.864334G  | 1.85G            | 1.91G            | 0.366  | 2.5            | 1    | -      |
| 1857.5MHz_20°C        | Pass   | 1.8575G    | 1.8575G        | 1.850668G  | 1.864333G  | 1.85G            | 1.91G            | 0.124  | 2.5            | 1    | -      |
| 1857.5MHz_30°C        | Pass   | 1.8575G    | 1.857497G      | 1.850666G  | 1.864329G  | 1.85G            | 1.91G            | -1.410 | 2.5            | 1    | -      |
| 1857.5MHz_40°C        | Pass   | 1.8575G    | 1.8575G        | 1.850667G  | 1.864334G  | 1.85G            | 1.91G            | 0.231  | 2.5            | 1    | -      |
| 1857.5MHz_50°C        | Pass   | 1.8575G    | 1.857499G      | 1.850667G  | 1.864332G  | 1.85G            | 1.91G            | -0.280 | 2.5            | 1    | -      |
| 1857.5MHz_126.5V      | Pass   | 1.8575G    | 1.857499G      | 1.850666G  | 1.864332G  | 1.85G            | 1.91G            | -0.657 | 2.5            | 1    | -      |
| 1857.5MHz_93.5V       | Pass   | 1.8575G    | 1.857498G      | 1.850667G  | 1.864329G  | 1.85G            | 1.91G            | -1.141 | 2.5            | 1    | -      |
| 1902.5MHz_-30°C       | Pass   | 1.9025G    | 1.902498G      | 1.895652G  | 1.909343G  | 1.85G            | 1.91G            | -1.314 | 2.5            | 1    | -      |
| 1902.5MHz_-20°C       | Pass   | 1.9025G    | 1.902497G      | 1.895651G  | 1.909343G  | 1.85G            | 1.91G            | -1.708 | 2.5            | 1    | -      |
| 1902.5MHz_-10°C       | Pass   | 1.9025G    | 1.902496G      | 1.89565G   | 1.909342G  | 1.85G            | 1.91G            | -2.103 | 2.5            | 1    | -      |
| 1902.5MHz_0°C         | Pass   | 1.9025G    | 1.902497G      | 1.895651G  | 1.909343G  | 1.85G            | 1.91G            | -1.603 | 2.5            | 1    | -      |
| 1902.5MHz_10°C        | Pass   | 1.9025G    | 1.902497G      | 1.895651G  | 1.909342G  | 1.85G            | 1.91G            | -1.787 | 2.5            | 1    | -      |
| 1902.5MHz_20°C        | Pass   | 1.9025G    | 1.902497G      | 1.895651G  | 1.909343G  | 1.85G            | 1.91G            | -1.682 | 2.5            | 1    | -      |
| 1902.5MHz_30°C        | Pass   | 1.9025G    | 1.902497G      | 1.895652G  | 1.909343G  | 1.85G            | 1.91G            | -1.498 | 2.5            | 1    | -      |
| 1902.5MHz_40°C        | Pass   | 1.9025G    | 1.902497G      | 1.895652G  | 1.909342G  | 1.85G            | 1.91G            | -1.524 | 2.5            | 1    | -      |
| 1902.5MHz_50°C        | Pass   | 1.9025G    | 1.902496G      | 1.895651G  | 1.909341G  | 1.85G            | 1.91G            | -2.024 | 2.5            | 1    | -      |
| 1902.5MHz_126.5V      | Pass   | 1.9025G    | 1.902496G      | 1.895652G  | 1.90934G   | 1.85G            | 1.91G            | -2.103 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm    | Limit<br>(ppm) | Port | Remark |
|-----------------------|--------|------------|----------------|------------|------------|------------------|------------------|--------|----------------|------|--------|
| 1902.5MHz_93.5V       | Pass   | 1.9025G    | 1.902497G      | 1.895652G  | 1.909343G  | 1.85G            | 1.91G            | -1.445 | 2.5            | 1    | -      |
| LTE_20MHz_(QPSK)_1TX  | -      | -          | -              | -          | -          | -                | -                | -      | -              | -    | -      |
| 1860MHz_-30°C         | Pass   | 1.86G      | 1.860001G      | 1.850909G  | 1.869093G  | 1.85G            | 1.91G            | 0.538  | 2.5            | 1    | -      |
| 1860MHz_-20°C         | Pass   | 1.86G      | 1.86G          | 1.850907G  | 1.869093G  | 1.85G            | 1.91G            | -0.188 | 2.5            | 1    | -      |
| 1860MHz_-10°C         | Pass   | 1.86G      | 1.859999G      | 1.850907G  | 1.869092G  | 1.85G            | 1.91G            | -0.349 | 2.5            | 1    | -      |
| 1860MHz_0°C           | Pass   | 1.86G      | 1.859999G      | 1.850906G  | 1.869091G  | 1.85G            | 1.91G            | -0.780 | 2.5            | 1    | -      |
| 1860MHz_10°C          | Pass   | 1.86G      | 1.859998G      | 1.850904G  | 1.869092G  | 1.85G            | 1.91G            | -1.048 | 2.5            | 1    | -      |
| 1860MHz_20°C          | Pass   | 1.86G      | 1.86G          | 1.850906G  | 1.869093G  | 1.85G            | 1.91G            | -0.269 | 2.5            | 1    | -      |
| 1860MHz_30°C          | Pass   | 1.86G      | 1.859999G      | 1.850906G  | 1.869091G  | 1.85G            | 1.91G            | -0.645 | 2.5            | 1    | -      |
| 1860MHz_40°C          | Pass   | 1.86G      | 1.859999G      | 1.850907G  | 1.869092G  | 1.85G            | 1.91G            | -0.323 | 2.5            | 1    | -      |
| 1860MHz_50°C          | Pass   | 1.86G      | 1.859998G      | 1.850906G  | 1.86909G   | 1.85G            | 1.91G            | -1.102 | 2.5            | 1    | -      |
| 1860MHz_126.5V        | Pass   | 1.86G      | 1.859999G      | 1.850906G  | 1.869092G  | 1.85G            | 1.91G            | -0.591 | 2.5            | 1    | -      |
| 1860MHz_93.5V         | Pass   | 1.86G      | 1.859998G      | 1.850905G  | 1.869091G  | 1.85G            | 1.91G            | -1.156 | 2.5            | 1    | -      |
| 1900MHz_-30°C         | Pass   | 1.9G       | 1.900001G      | 1.890909G  | 1.909093G  | 1.85G            | 1.91G            | 0.526  | 2.5            | 1    | -      |
| 1900MHz_-20°C         | Pass   | 1.9G       | 1.899999G      | 1.890908G  | 1.909091G  | 1.85G            | 1.91G            | -0.289 | 2.5            | 1    | -      |
| 1900MHz_-10°C         | Pass   | 1.9G       | 1.899998G      | 1.890909G  | 1.909087G  | 1.85G            | 1.91G            | -1.132 | 2.5            | 1    | -      |
| 1900MHz_0°C           | Pass   | 1.9G       | 1.899998G      | 1.890907G  | 1.909089G  | 1.85G            | 1.91G            | -1.316 | 2.5            | 1    | -      |
| 1900MHz_10°C          | Pass   | 1.9G       | 1.899999G      | 1.890909G  | 1.909089G  | 1.85G            | 1.91G            | -0.579 | 2.5            | 1    | -      |
| 1900MHz_20°C          | Pass   | 1.9G       | 1.9G           | 1.890908G  | 1.909091G  | 1.85G            | 1.91G            | -0.132 | 2.5            | 1    | -      |
| 1900MHz_30°C          | Pass   | 1.9G       | 1.899998G      | 1.890909G  | 1.909087G  | 1.85G            | 1.91G            | -1.105 | 2.5            | 1    | -      |
| 1900MHz_40°C          | Pass   | 1.9G       | 1.899997G      | 1.890908G  | 1.909085G  | 1.85G            | 1.91G            | -1.842 | 2.5            | 1    | -      |
| 1900MHz_50°C          | Pass   | 1.9G       | 1.9G           | 1.890908G  | 1.909092G  | 1.85G            | 1.91G            | -0.053 | 2.5            | 1    | -      |
| 1900MHz_126.5V        | Pass   | 1.9G       | 1.9G           | 1.890909G  | 1.909091G  | 1.85G            | 1.91G            | -0.079 | 2.5            | 1    | -      |
| 1900MHz_93.5V         | Pass   | 1.9G       | 1.9G           | 1.890909G  | 1.909092G  | 1.85G            | 1.91G            | 0.158  | 2.5            | 1    | -      |
| LTE_20MHz_(16QAM)_1TX | -      | -          | -              | -          | -          | -                | -                | -      | -              | -    | -      |
| 1860MHz_-30°C         | Pass   | 1.86G      | 1.86G          | 1.850907G  | 1.869092G  | 1.85G            | 1.91G            | -0.269 | 2.5            | 1    | -      |
| 1860MHz_-20°C         | Pass   | 1.86G      | 1.859998G      | 1.850904G  | 1.869091G  | 1.85G            | 1.91G            | -1.263 | 2.5            | 1    | -      |
| 1860MHz_-10°C         | Pass   | 1.86G      | 1.859999G      | 1.850907G  | 1.869092G  | 1.85G            | 1.91G            | -0.430 | 2.5            | 1    | -      |
| 1860MHz_0°C           | Pass   | 1.86G      | 1.859997G      | 1.850902G  | 1.869091G  | 1.85G            | 1.91G            | -1.855 | 2.5            | 1    | -      |
| 1860MHz_10°C          | Pass   | 1.86G      | 1.859999G      | 1.850906G  | 1.869091G  | 1.85G            | 1.91G            | -0.591 | 2.5            | 1    | -      |
| 1860MHz_20°C          | Pass   | 1.86G      | 1.859999G      | 1.850905G  | 1.869092G  | 1.85G            | 1.91G            | -0.780 | 2.5            | 1    | -      |
| 1860MHz_30°C          | Pass   | 1.86G      | 1.859997G      | 1.850904G  | 1.86909G   | 1.85G            | 1.91G            | -1.828 | 2.5            | 1    | -      |
| 1860MHz_40°C          | Pass   | 1.86G      | 1.859999G      | 1.850906G  | 1.869092G  | 1.85G            | 1.91G            | -0.457 | 2.5            | 1    | -      |
| 1860MHz_50°C          | Pass   | 1.86G      | 1.859998G      | 1.850906G  | 1.86909G   | 1.85G            | 1.91G            | -1.022 | 2.5            | 1    | -      |
| 1860MHz_126.5V        | Pass   | 1.86G      | 1.859997G      | 1.850903G  | 1.869092G  | 1.85G            | 1.91G            | -1.452 | 2.5            | 1    | -      |
| 1860MHz_93.5V         | Pass   | 1.86G      | 1.859997G      | 1.850905G  | 1.869089G  | 1.85G            | 1.91G            | -1.667 | 2.5            | 1    | -      |
| 1900MHz_-30°C         | Pass   | 1.9G       | 1.899999G      | 1.890907G  | 1.909091G  | 1.85G            | 1.91G            | -0.526 | 2.5            | 1    | -      |
| 1900MHz_-20°C         | Pass   | 1.9G       | 1.899996G      | 1.890907G  | 1.909085G  | 1.85G            | 1.91G            | -2.184 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.4

| Mode           | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm    | Limit<br>(ppm) | Port | Remark |
|----------------|--------|------------|----------------|------------|------------|------------------|------------------|--------|----------------|------|--------|
| 1900MHz_-10°C  | Pass   | 1.9G       | 1.899996G      | 1.890906G  | 1.909085G  | 1.85G            | 1.91G            | -2.158 | 2.5            | 1    | -      |
| 1900MHz_0°C    | Pass   | 1.9G       | 1.899997G      | 1.890907G  | 1.909087G  | 1.85G            | 1.91G            | -1.526 | 2.5            | 1    | -      |
| 1900MHz_10°C   | Pass   | 1.9G       | 1.899996G      | 1.890907G  | 1.909086G  | 1.85G            | 1.91G            | -1.947 | 2.5            | 1    | -      |
| 1900MHz_20°C   | Pass   | 1.9G       | 1.899998G      | 1.890907G  | 1.90909G   | 1.85G            | 1.91G            | -0.895 | 2.5            | 1    | -      |
| 1900MHz_30°C   | Pass   | 1.9G       | 1.899998G      | 1.890906G  | 1.90909G   | 1.85G            | 1.91G            | -1.263 | 2.5            | 1    | -      |
| 1900MHz_40°C   | Pass   | 1.9G       | 1.899997G      | 1.890907G  | 1.909088G  | 1.85G            | 1.91G            | -1.447 | 2.5            | 1    | -      |
| 1900MHz_50°C   | Pass   | 1.9G       | 1.899997G      | 1.890906G  | 1.909089G  | 1.85G            | 1.91G            | -1.395 | 2.5            | 1    | -      |
| 1900MHz_126.5V | Pass   | 1.9G       | 1.899998G      | 1.890906G  | 1.909091G  | 1.85G            | 1.91G            | -0.921 | 2.5            | 1    | -      |
| 1900MHz_93.5V  | Pass   | 1.9G       | 1.899996G      | 1.890907G  | 1.909086G  | 1.85G            | 1.91G            | -1.921 | 2.5            | 1    | -      |



**<Mode 5> EUT 2 + LTE Band 4 Link**

**Summary**

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz) | Fh<br>(Hz) | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port |
|-----------------------|--------|------------|----------------|------------|------------|------------------|------------------|------|------|
| Band 4                | -      | -          | -              | -          | -          | -                | -                | -    | -    |
| LTE_1.4MHz_(QPSK)_1TX | Pass   | 1.7107G    | 1.7107029G     | 1.7101943G | 1.7112115G | 1.71G            | 1.755G           | 1.69 | 1    |



## Frequency Stability Results

## Appendix F.5

### Result

| Mode                   | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|------------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| LTE_1.4MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1710.7MHz_-30°C        | Pass   | 1.7107G    | 1.7107029G     | 1.7101943G  | 1.7112115G  | 1.71G            | 1.755G           | 1.69 | 1    | -      |
| 1710.7MHz_-20°C        | Pass   | 1.7107G    | 1.7107028G     | 1.7101942G  | 1.7112114G  | 1.71G            | 1.755G           | 1.61 | 1    | -      |
| 1710.7MHz_-10°C        | Pass   | 1.7107G    | 1.7107028G     | 1.7101943G  | 1.7112113G  | 1.71G            | 1.755G           | 1.61 | 1    | -      |
| 1710.7MHz_0°C          | Pass   | 1.7107G    | 1.7107028G     | 1.7101941G  | 1.7112114G  | 1.71G            | 1.755G           | 1.62 | 1    | -      |
| 1710.7MHz_10°C         | Pass   | 1.7107G    | 1.7107026G     | 1.7101942G  | 1.7112111G  | 1.71G            | 1.755G           | 1.53 | 1    | -      |
| 1710.7MHz_20°C         | Pass   | 1.7107G    | 1.7107028G     | 1.7101943G  | 1.7112114G  | 1.71G            | 1.755G           | 1.64 | 1    | -      |
| 1710.7MHz_30°C         | Pass   | 1.7107G    | 1.7107027G     | 1.7101943G  | 1.7112112G  | 1.71G            | 1.755G           | 1.60 | 1    | -      |
| 1710.7MHz_40°C         | Pass   | 1.7107G    | 1.7107027G     | 1.7101942G  | 1.7112112G  | 1.71G            | 1.755G           | 1.55 | 1    | -      |
| 1710.7MHz_50°C         | Pass   | 1.7107G    | 1.7107028G     | 1.7101941G  | 1.7112115G  | 1.71G            | 1.755G           | 1.63 | 1    | -      |
| 1710.7MHz_126.5V       | Pass   | 1.7107G    | 1.7107027G     | 1.7101942G  | 1.7112112G  | 1.71G            | 1.755G           | 1.59 | 1    | -      |
| 1710.7MHz_93.5V        | Pass   | 1.7107G    | 1.7107027G     | 1.7101942G  | 1.7112112G  | 1.71G            | 1.755G           | 1.58 | 1    | -      |
| 1754.3MHz_-30°C        | Pass   | 1.7543G    | 1.7543025G     | 1.7537941G  | 1.7548110G  | 1.71G            | 1.755G           | 1.45 | 1    | -      |
| 1754.3MHz_-20°C        | Pass   | 1.7543G    | 1.7543021G     | 1.7537940G  | 1.7548103G  | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1754.3MHz_-10°C        | Pass   | 1.7543G    | 1.7543023G     | 1.7537939G  | 1.7548107G  | 1.71G            | 1.755G           | 1.33 | 1    | -      |
| 1754.3MHz_0°C          | Pass   | 1.7543G    | 1.7543024G     | 1.7537940G  | 1.7548109G  | 1.71G            | 1.755G           | 1.37 | 1    | -      |
| 1754.3MHz_10°C         | Pass   | 1.7543G    | 1.7543024G     | 1.7537940G  | 1.7548109G  | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1754.3MHz_20°C         | Pass   | 1.7543G    | 1.7543025G     | 1.7537941G  | 1.7548109G  | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1754.3MHz_30°C         | Pass   | 1.7543G    | 1.7543024G     | 1.7537940G  | 1.7548108G  | 1.71G            | 1.755G           | 1.37 | 1    | -      |
| 1754.3MHz_40°C         | Pass   | 1.7543G    | 1.7543022G     | 1.7537940G  | 1.7548105G  | 1.71G            | 1.755G           | 1.28 | 1    | -      |
| 1754.3MHz_50°C         | Pass   | 1.7543G    | 1.7543024G     | 1.7537939G  | 1.7548110G  | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1754.3MHz_126.5V       | Pass   | 1.7543G    | 1.7543022G     | 1.7537940G  | 1.7548105G  | 1.71G            | 1.755G           | 1.27 | 1    | -      |
| 1754.3MHz_93.5V        | Pass   | 1.7543G    | 1.7543023G     | 1.7537940G  | 1.7548106G  | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| LTE_1.4MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1710.7MHz_-30°C        | Pass   | 1.7107G    | 1.7107022G     | 1.71019399G | 1.71121041G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1710.7MHz_-20°C        | Pass   | 1.7107G    | 1.7107019G     | 1.71019381G | 1.71120989G | 1.71G            | 1.755G           | 1.08 | 1    | -      |
| 1710.7MHz_-10°C        | Pass   | 1.7107G    | 1.7107019G     | 1.71019382G | 1.71120996G | 1.71G            | 1.755G           | 1.10 | 1    | -      |
| 1710.7MHz_0°C          | Pass   | 1.7107G    | 1.7107021G     | 1.71019389G | 1.71121038G | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1710.7MHz_10°C         | Pass   | 1.7107G    | 1.7107019G     | 1.71019380G | 1.71121006G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1710.7MHz_20°C         | Pass   | 1.7107G    | 1.710702G      | 1.71019394G | 1.71121004G | 1.71G            | 1.755G           | 1.16 | 1    | -      |
| 1710.7MHz_30°C         | Pass   | 1.7107G    | 1.7107021G     | 1.71019382G | 1.71121039G | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1710.7MHz_40°C         | Pass   | 1.7107G    | 1.7107018G     | 1.71019384G | 1.71120976G | 1.71G            | 1.755G           | 1.05 | 1    | -      |
| 1710.7MHz_50°C         | Pass   | 1.7107G    | 1.710702G      | 1.71019391G | 1.71121002G | 1.71G            | 1.755G           | 1.15 | 1    | -      |
| 1710.7MHz_126.5V       | Pass   | 1.7107G    | 1.710702G      | 1.71019385G | 1.71121017G | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| 1710.7MHz_93.5V        | Pass   | 1.7107G    | 1.7107019G     | 1.71019387G | 1.71120992G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1754.3MHz_-30°C        | Pass   | 1.7543G    | 1.7543024G     | 1.753794G   | 1.7548108G  | 1.71G            | 1.755G           | 1.37 | 1    | -      |
| 1754.3MHz_-20°C        | Pass   | 1.7543G    | 1.754302G      | 1.7537938G  | 1.7548108G  | 1.71G            | 1.755G           | 1.34 | 1    | -      |
| 1754.3MHz_-10°C        | Pass   | 1.7543G    | 1.7543021G     | 1.753794G   | 1.7548104G  | 1.71G            | 1.755G           | 1.24 | 1    | -      |



## Frequency Stability Results

## Appendix F.5

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1754.3MHz_0°C        | Pass   | 1.7543G    | 1.7543021G     | 1.7537939G  | 1.7548107G  | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1754.3MHz_10°C       | Pass   | 1.7543G    | 1.7543021G     | 1.7537939G  | 1.7548106G  | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1754.3MHz_20°C       | Pass   | 1.7543G    | 1.7543022G     | 1.7537938G  | 1.7548105G  | 1.71G            | 1.755G           | 1.27 | 1    | -      |
| 1754.3MHz_30°C       | Pass   | 1.7543G    | 1.7543022G     | 1.7537938G  | 1.7548107G  | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1754.3MHz_40°C       | Pass   | 1.7543G    | 1.7543021G     | 1.753794G   | 1.7548101G  | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| 1754.3MHz_50°C       | Pass   | 1.7543G    | 1.754302G      | 1.7537939G  | 1.7548103G  | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1754.3MHz_126.5V     | Pass   | 1.7543G    | 1.7543021G     | 1.753794G   | 1.7548103G  | 1.71G            | 1.755G           | 1.18 | 1    | -      |
| 1754.3MHz_93.5V      | Pass   | 1.7543G    | 1.754302G      | 1.7537938G  | 1.7548103G  | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| LTE_3MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1711.5MHz_-30°C      | Pass   | 1.7115G    | 1.7115022G     | 1.71099399G | 1.71201041G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1711.5MHz_-20°C      | Pass   | 1.7115G    | 1.7115019G     | 1.71099398G | 1.71200982G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1711.5MHz_-10°C      | Pass   | 1.7115G    | 1.7115019G     | 1.71099388G | 1.71200995G | 1.71G            | 1.755G           | 1.12 | 1    | -      |
| 1711.5MHz_0°C        | Pass   | 1.7115G    | 1.7115020G     | 1.71099391G | 1.71201007G | 1.71G            | 1.755G           | 1.16 | 1    | -      |
| 1711.5MHz_10°C       | Pass   | 1.7115G    | 1.7115020G     | 1.71099389G | 1.71201020G | 1.71G            | 1.755G           | 1.19 | 1    | -      |
| 1711.5MHz_20°C       | Pass   | 1.7115G    | 1.7115019G     | 1.71099382G | 1.71201007G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1711.5MHz_30°C       | Pass   | 1.7115G    | 1.7115018G     | 1.71099381G | 1.71200986G | 1.71G            | 1.755G           | 1.07 | 1    | -      |
| 1711.5MHz_40°C       | Pass   | 1.7115G    | 1.7115019G     | 1.71099383G | 1.71201004G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1711.5MHz_50°C       | Pass   | 1.7115G    | 1.7115018G     | 1.71099383G | 1.71200981G | 1.71G            | 1.755G           | 1.06 | 1    | -      |
| 1711.5MHz_126.5V     | Pass   | 1.7115G    | 1.7115020G     | 1.71099397G | 1.71201002G | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| 1711.5MHz_93.5V      | Pass   | 1.7115G    | 1.7115020G     | 1.71099386G | 1.71201022G | 1.71G            | 1.755G           | 1.19 | 1    | -      |
| 1753.5MHz_-30°C      | Pass   | 1.7535G    | 1.7535023G     | 1.75299375G | 1.75401084G | 1.71G            | 1.755G           | 1.31 | 1    | -      |
| 1753.5MHz_-20°C      | Pass   | 1.7535G    | 1.7535021G     | 1.7529937G  | 1.75401041G | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| 1753.5MHz_-10°C      | Pass   | 1.7535G    | 1.7535021G     | 1.75299372G | 1.75401054G | 1.71G            | 1.755G           | 1.21 | 1    | -      |
| 1753.5MHz_0°C        | Pass   | 1.7535G    | 1.753502G      | 1.75299366G | 1.75401033G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1753.5MHz_10°C       | Pass   | 1.7535G    | 1.7535022G     | 1.7529936G  | 1.7540107G  | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1753.5MHz_20°C       | Pass   | 1.7535G    | 1.7535021G     | 1.75299361G | 1.75401058G | 1.71G            | 1.755G           | 1.19 | 1    | -      |
| 1753.5MHz_30°C       | Pass   | 1.7535G    | 1.7535019G     | 1.7529937G  | 1.75401019G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1753.5MHz_40°C       | Pass   | 1.7535G    | 1.7535022G     | 1.75299363G | 1.7540107G  | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1753.5MHz_50°C       | Pass   | 1.7535G    | 1.7535022G     | 1.75299365G | 1.75401076G | 1.71G            | 1.755G           | 1.26 | 1    | -      |
| 1753.5MHz_126.5V     | Pass   | 1.7535G    | 1.7535019G     | 1.75299364G | 1.75401024G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1753.5MHz_93.5V      | Pass   | 1.7535G    | 1.753502G      | 1.75299355G | 1.75401043G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| LTE_3MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1711.5MHz_-30°C      | Pass   | 1.7115G    | 1.7115024G     | 1.71099384G | 1.71201102G | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1711.5MHz_-20°C      | Pass   | 1.7115G    | 1.7115024G     | 1.71099376G | 1.71201099G | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1711.5MHz_-10°C      | Pass   | 1.7115G    | 1.7115021G     | 1.71099379G | 1.71201042G | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1711.5MHz_0°C        | Pass   | 1.7115G    | 1.7115021G     | 1.71099377G | 1.7120104G  | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1711.5MHz_10°C       | Pass   | 1.7115G    | 1.7115022G     | 1.71099369G | 1.71201074G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1711.5MHz_20°C       | Pass   | 1.7115G    | 1.7115022G     | 1.71099366G | 1.71201073G | 1.71G            | 1.755G           | 1.28 | 1    | -      |

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|---------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1711.5MHz_30°C      | Pass   | 1.7115G    | 1.7115021G     | 1.71099364G | 1.71201064G | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1711.5MHz_40°C      | Pass   | 1.7115G    | 1.7115021G     | 1.71099379G | 1.71201045G | 1.71G            | 1.755G           | 1.24 | 1    | -      |
| 1711.5MHz_50°C      | Pass   | 1.7115G    | 1.7115023G     | 1.71099366G | 1.7120109G  | 1.71G            | 1.755G           | 1.33 | 1    | -      |
| 1711.5MHz_126.5V    | Pass   | 1.7115G    | 1.7115021G     | 1.71099374G | 1.71201037G | 1.71G            | 1.755G           | 1.20 | 1    | -      |
| 1711.5MHz_93.5V     | Pass   | 1.7115G    | 1.7115022G     | 1.71099369G | 1.71201075G | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| 1753.5MHz_-30°C     | Pass   | 1.7535     | 1.7535021G     | 1.75299358G | 1.75401061G | 1.71G            | 1.755G           | 1.19 | 1    | -      |
| 1753.5MHz_-20°C     | Pass   | 1.7535G    | 1.7535019G     | 1.75299354G | 1.75401025G | 1.71G            | 1.755G           | 1.08 | 1    | -      |
| 1753.5MHz_-10°C     | Pass   | 1.7535G    | 1.753502G      | 1.75299354G | 1.75401044G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1753.5MHz_0°C       | Pass   | 1.7535G    | 1.7535017G     | 1.75299339G | 1.75401004G | 1.71G            | 1.755G           | 0.98 | 1    | -      |
| 1753.5MHz_10°C      | Pass   | 1.7535G    | 1.7535017G     | 1.7529934G  | 1.75401009G | 1.71G            | 1.755G           | 1.00 | 1    | -      |
| 1753.5MHz_20°C      | Pass   | 1.7535G    | 1.753502G      | 1.7529934G  | 1.75401054G | 1.71G            | 1.755G           | 1.12 | 1    | -      |
| 1753.5MHz_30°C      | Pass   | 1.7535G    | 1.7535019G     | 1.7529934G  | 1.75401042G | 1.71G            | 1.755G           | 1.09 | 1    | -      |
| 1753.5MHz_40°C      | Pass   | 1.7535G    | 1.7535018G     | 1.75299354G | 1.75401012G | 1.71G            | 1.755G           | 1.04 | 1    | -      |
| 1753.5MHz_50°C      | Pass   | 1.7535G    | 1.7535019G     | 1.7529935G  | 1.7540102G  | 1.71G            | 1.755G           | 1.06 | 1    | -      |
| 1753.5MHz_126.5V    | Pass   | 1.7535G    | 1.753502G      | 1.75299345G | 1.75401048G | 1.71G            | 1.755G           | 1.12 | 1    | -      |
| 1753.5MHz_93.5V     | Pass   | 1.7535G    | 1.7535018G     | 1.75299344G | 1.75401006G | 1.71G            | 1.755G           | 1.00 | 1    | -      |
| LTE_5MHz_(QPSK)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1712.5MHz_-30°C     | Pass   | 1.7125G    | 1.7125021G     | 1.71199358G | 1.71301061G | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1712.5MHz_-20°C     | Pass   | 1.7125G    | 1.7125018G     | 1.71199353G | 1.71301002G | 1.71G            | 1.755G           | 1.04 | 1    | -      |
| 1712.5MHz_-10°C     | Pass   | 1.7125G    | 1.712502G      | 1.7119935G  | 1.71301041G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1712.5MHz_0°C       | Pass   | 1.7125G    | 1.712502G      | 1.71199357G | 1.7130105G  | 1.71G            | 1.755G           | 1.19 | 1    | -      |
| 1712.5MHz_10°C      | Pass   | 1.7125G    | 1.7125019G     | 1.71199345G | 1.71301026G | 1.71G            | 1.755G           | 1.08 | 1    | -      |
| 1712.5MHz_20°C      | Pass   | 1.7125G    | 1.7125018G     | 1.71199347G | 1.71301008G | 1.71G            | 1.755G           | 1.04 | 1    | -      |
| 1712.5MHz_30°C      | Pass   | 1.7125G    | 1.7125019G     | 1.71199341G | 1.71301038G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1712.5MHz_40°C      | Pass   | 1.7125G    | 1.7125021G     | 1.71199352G | 1.71301058G | 1.71G            | 1.755G           | 1.20 | 1    | -      |
| 1712.5MHz_50°C      | Pass   | 1.7125G    | 1.712502G      | 1.71199346G | 1.71301057G | 1.71G            | 1.755G           | 1.18 | 1    | -      |
| 1712.5MHz_126.5V    | Pass   | 1.7125G    | 1.712502G      | 1.71199341G | 1.71301051G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1712.5MHz_93.5V     | Pass   | 1.7125G    | 1.7125019G     | 1.71199355G | 1.71301023G | 1.71G            | 1.755G           | 1.10 | 1    | -      |
| 1752.5MHz_-30°C     | Pass   | 1.7525G    | 1.7525021G     | 1.75199358G | 1.75301061G | 1.71G            | 1.755G           | 1.20 | 1    | -      |
| 1752.5MHz_-20°C     | Pass   | 1.7525G    | 1.7525019G     | 1.75199356G | 1.7530103G  | 1.71G            | 1.755G           | 1.10 | 1    | -      |
| 1752.5MHz_-10°C     | Pass   | 1.7525G    | 1.7525017G     | 1.75199356G | 1.75300993G | 1.71G            | 1.755G           | 1.00 | 1    | -      |
| 1752.5MHz_0°C       | Pass   | 1.7525G    | 1.7525017G     | 1.7519934G  | 1.75301G    | 1.71G            | 1.755G           | 0.97 | 1    | -      |
| 1752.5MHz_10°C      | Pass   | 1.7525G    | 1.7525018G     | 1.75199338G | 1.75301026G | 1.71G            | 1.755G           | 1.04 | 1    | -      |
| 1752.5MHz_20°C      | Pass   | 1.7525G    | 1.7525019G     | 1.75199346G | 1.75301027G | 1.71G            | 1.755G           | 1.06 | 1    | -      |
| 1752.5MHz_30°C      | Pass   | 1.7525G    | 1.752502G      | 1.75199352G | 1.75301043G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1752.5MHz_40°C      | Pass   | 1.7525G    | 1.752502G      | 1.75199356G | 1.75301035G | 1.71G            | 1.755G           | 1.12 | 1    | -      |
| 1752.5MHz_50°C      | Pass   | 1.7525G    | 1.752502G      | 1.75199339G | 1.75301058G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1752.5MHz_126.5V    | Pass   | 1.7525G    | 1.7525019G     | 1.75199349G | 1.75301023G | 1.71G            | 1.755G           | 1.06 | 1    | -      |

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1752.5MHz_93.5V      | Pass   | 1.7525G    | 1.7525018G     | 1.75199338G | 1.7530102G  | 1.71G            | 1.755G           | 1.02 | 1    | -      |
| LTE_5MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1712.5MHz_-30°C      | Pass   | 1.7125G    | 1.712502G      | 1.71199354G | 1.71301049G | 1.71G            | 1.755G           | 1.18 | 1    | -      |
| 1712.5MHz_-20°C      | Pass   | 1.7125G    | 1.7125019G     | 1.71199342G | 1.71301034G | 1.71G            | 1.755G           | 1.60 | 1    | -      |
| 1712.5MHz_-10°C      | Pass   | 1.7125G    | 1.7125018G     | 1.71199348G | 1.71301004G | 1.71G            | 1.755G           | 1.52 | 1    | -      |
| 1712.5MHz_0°C        | Pass   | 1.7125G    | 1.7125019G     | 1.71199351G | 1.71301023G | 1.71G            | 1.755G           | 1.51 | 1    | -      |
| 1712.5MHz_10°C       | Pass   | 1.7125G    | 1.7125018G     | 1.71199354G | 1.71301001G | 1.71G            | 1.755G           | 1.49 | 1    | -      |
| 1712.5MHz_20°C       | Pass   | 1.7125G    | 1.7125019G     | 1.71199356G | 1.71301028G | 1.71G            | 1.755G           | 1.58 | 1    | -      |
| 1712.5MHz_30°C       | Pass   | 1.7125G    | 1.7125018G     | 1.71199344G | 1.71301007G | 1.71G            | 1.755G           | 1.52 | 1    | -      |
| 1712.5MHz_40°C       | Pass   | 1.7125G    | 1.7125018G     | 1.71199348G | 1.71301012G | 1.71G            | 1.755G           | 1.53 | 1    | -      |
| 1712.5MHz_50°C       | Pass   | 1.7125G    | 1.7125021G     | 1.71199355G | 1.7130106G  | 1.71G            | 1.755G           | 1.57 | 1    | -      |
| 1712.5MHz_126.5V     | Pass   | 1.7125G    | 1.7125019G     | 1.7119934G  | 1.71301041G | 1.71G            | 1.755G           | 1.46 | 1    | -      |
| 1712.5MHz_93.5V      | Pass   | 1.7125G    | 1.7125017G     | 1.7119934G  | 1.71301009G | 1.71G            | 1.755G           | 1.45 | 1    | -      |
| 1752.5MHz_-30°C      | Pass   | 1.7525G    | 1.7525018G     | 1.75199346G | 1.75301009G | 1.71G            | 1.755G           | 1.01 | 1    | -      |
| 1752.5MHz_-20°C      | Pass   | 1.7525G    | 1.7525019G     | 1.75199339G | 1.75301038G | 1.71G            | 1.755G           | 1.08 | 1    | -      |
| 1752.5MHz_-10°C      | Pass   | 1.7525G    | 1.7525019G     | 1.75199345G | 1.75301036G | 1.71G            | 1.755G           | 1.09 | 1    | -      |
| 1752.5MHz_0°C        | Pass   | 1.7525G    | 1.7525018G     | 1.75199343G | 1.75301014G | 1.71G            | 1.755G           | 1.02 | 1    | -      |
| 1752.5MHz_10°C       | Pass   | 1.7525G    | 1.7525018G     | 1.75199353G | 1.75301004G | 1.71G            | 1.755G           | 1.02 | 1    | -      |
| 1752.5MHz_20°C       | Pass   | 1.7525G    | 1.7525019G     | 1.75199353G | 1.75301019G | 1.71G            | 1.755G           | 1.06 | 1    | -      |
| 1752.5MHz_30°C       | Pass   | 1.7525G    | 1.7525017G     | 1.75199338G | 1.75300994G | 1.71G            | 1.755G           | 0.95 | 1    | -      |
| 1752.5MHz_40°C       | Pass   | 1.7525G    | 1.7525017G     | 1.75199354G | 1.75300995G | 1.71G            | 1.755G           | 1.00 | 1    | -      |
| 1752.5MHz_50°C       | Pass   | 1.7525G    | 1.7525018G     | 1.7519934G  | 1.7530102G  | 1.71G            | 1.755G           | 1.03 | 1    | -      |
| 1752.5MHz_126.5V     | Pass   | 1.7525G    | 1.7525017G     | 1.7519935G  | 1.75300996G | 1.71G            | 1.755G           | 0.99 | 1    | -      |
| 1752.5MHz_93.5V      | Pass   | 1.7525G    | 1.7525019G     | 1.75199349G | 1.7530104G  | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| LTE_10MHz_(QPSK)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1715MHz_-30°C        | Pass   | 1.715G     | 1.7150027G     | 1.71448358G | 1.71552191G | 1.71G            | 1.755G           | 1.60 | 1    | -      |
| 1715MHz_-20°C        | Pass   | 1.715G     | 1.7150024G     | 1.7144834G  | 1.71552133G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1715MHz_-10°C        | Pass   | 1.715G     | 1.7150025G     | 1.71448345G | 1.71552157G | 1.71G            | 1.755G           | 1.46 | 1    | -      |
| 1715MHz_0°C          | Pass   | 1.715G     | 1.7150026G     | 1.71448356G | 1.71552173G | 1.71G            | 1.755G           | 1.54 | 1    | -      |
| 1715MHz_10°C         | Pass   | 1.715G     | 1.7150024G     | 1.71448346G | 1.71552141G | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1715MHz_20°C         | Pass   | 1.715G     | 1.7150023G     | 1.71448338G | 1.7155213G  | 1.71G            | 1.755G           | 1.36 | 1    | -      |
| 1715MHz_30°C         | Pass   | 1.715G     | 1.7150023G     | 1.71448339G | 1.71552121G | 1.71G            | 1.755G           | 1.34 | 1    | -      |
| 1715MHz_40°C         | Pass   | 1.715G     | 1.7150025G     | 1.71448352G | 1.71552157G | 1.71G            | 1.755G           | 1.48 | 1    | -      |
| 1715MHz_50°C         | Pass   | 1.715G     | 1.7150025G     | 1.71448349G | 1.71552154G | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| 1715MHz_126.5V       | Pass   | 1.715G     | 1.7150026G     | 1.71448356G | 1.71552155G | 1.71G            | 1.755G           | 1.49 | 1    | -      |
| 1715MHz_93.5V        | Pass   | 1.715G     | 1.7150024G     | 1.71448346G | 1.71552128G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1750MHz_-30°C        | Pass   | 1.75G      | 1.7500027G     | 1.74948358G | 1.75052191  | 1.71G            | 1.755G           | 1.57 | 1    | -      |
| 1750MHz_-20°C        | Pass   | 1.75G      | 1.7500023G     | 1.74948338G | 1.75052131  | 1.71G            | 1.755G           | 1.34 | 1    | -      |

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|-----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1750MHz_-10°C         | Pass   | 1.75G      | 1.7500024G     | 1.74948345G | 1.75052138G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1750MHz_0°C           | Pass   | 1.75G      | 1.7500026G     | 1.74948343G | 1.75052183G | 1.71G            | 1.755G           | 1.50 | 1    | -      |
| 1750MHz_10°C          | Pass   | 1.75G      | 1.7500025G     | 1.74948347G | 1.75052151G | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1750MHz_20°C          | Pass   | 1.75G      | 1.7500025G     | 1.74948352G | 1.75052144G | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1750MHz_30°C          | Pass   | 1.75G      | 1.7500026G     | 1.74948354G | 1.7505216G  | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| 1750MHz_40°C          | Pass   | 1.75G      | 1.7500024G     | 1.74948338G | 1.75052149G | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1750MHz_50°C          | Pass   | 1.75G      | 1.7500027G     | 1.74948353G | 1.75052187G | 1.71G            | 1.755G           | 1.54 | 1    | -      |
| 1750MHz_126.5V        | Pass   | 1.75G      | 1.7500025G     | 1.74948343G | 1.7505216G  | 1.71G            | 1.755G           | 1.44 | 1    | -      |
| 1750MHz_93.5V         | Pass   | 1.75G      | 1.7500026G     | 1.74948349G | 1.75052164G | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| LTE_10MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1715MHz_-30°C         | Pass   | 1.715G     | 1.7150026G     | 1.71448342G | 1.71552185G | 1.71G            | 1.755G           | 1.54 | 1    | -      |
| 1715MHz_-20°C         | Pass   | 1.715G     | 1.7150027G     | 1.71448348G | 1.71552182G | 1.71G            | 1.755G           | 1.55 | 1    | -      |
| 1715MHz_-10°C         | Pass   | 1.715G     | 1.7150025G     | 1.7144835G  | 1.71552155G | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| 1715MHz_0°C           | Pass   | 1.715G     | 1.7150025G     | 1.7144834G  | 1.71552154G | 1.71G            | 1.755G           | 1.44 | 1    | -      |
| 1715MHz_10°C          | Pass   | 1.715G     | 1.7150024G     | 1.71448341G | 1.71552132G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1715MHz_20°C          | Pass   | 1.715G     | 1.7150026G     | 1.71448349G | 1.71552179G | 1.71G            | 1.755G           | 1.54 | 1    | -      |
| 1715MHz_30°C          | Pass   | 1.715G     | 1.7150026G     | 1.71448356G | 1.71552157G | 1.71G            | 1.755G           | 1.50 | 1    | -      |
| 1715MHz_40°C          | Pass   | 1.715G     | 1.7150027G     | 1.71448341G | 1.71552189G | 1.71G            | 1.755G           | 1.55 | 1    | -      |
| 1715MHz_50°C          | Pass   | 1.715G     | 1.7150024G     | 1.7144834G  | 1.71552135G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1715MHz_126.5V        | Pass   | 1.715G     | 1.7150024G     | 1.71448346G | 1.71552141G | 1.71G            | 1.755G           | 1.42 | 1    | -      |
| 1715MHz_93.5V         | Pass   | 1.715G     | 1.7150026G     | 1.71448348G | 1.71552168G | 1.71G            | 1.755G           | 1.50 | 1    | -      |
| 1750MHz_-30°C         | Pass   | 1.75G      | 1.7500021G     | 1.74949236G | 1.75051191G | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1750MHz_-20°C         | Pass   | 1.75G      | 1.7500018G     | 1.74949226G | 1.75051135G | 1.71G            | 1.755G           | 1.03 | 1    | -      |
| 1750MHz_-10°C         | Pass   | 1.75G      | 1.7500018G     | 1.74949228G | 1.75051124G | 1.71G            | 1.755G           | 1.01 | 1    | -      |
| 1750MHz_0°C           | Pass   | 1.75G      | 1.7500019G     | 1.74949217G | 1.7505117G  | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1750MHz_10°C          | Pass   | 1.75G      | 1.7500019G     | 1.74949235G | 1.75051152G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1750MHz_20°C          | Pass   | 1.75G      | 1.7500017G     | 1.74949218G | 1.75051132G | 1.71G            | 1.755G           | 1.00 | 1    | -      |
| 1750MHz_30°C          | Pass   | 1.75G      | 1.7500019G     | 1.7494922G  | 1.75051157G | 1.71G            | 1.755G           | 1.08 | 1    | -      |
| 1750MHz_40°C          | Pass   | 1.75G      | 1.750002G      | 1.74949218G | 1.7505118G  | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1750MHz_50°C          | Pass   | 1.75G      | 1.7500019G     | 1.74949229G | 1.75051155G | 1.71G            | 1.755G           | 1.10 | 1    | -      |
| 1750MHz_126.5V        | Pass   | 1.75G      | 1.750002G      | 1.74949233G | 1.75051164G | 1.71G            | 1.755G           | 1.13 | 1    | -      |
| 1750MHz_93.5V         | Pass   | 1.75G      | 1.750002G      | 1.7494922G  | 1.75051179G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| LTE_15MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1717.5MHz_-30°C       | Pass   | 1.7175G    | 1.7175026G     | 1.71699324G | 1.71801191G | 1.71G            | 1.755G           | 1.50 | 1    | -      |
| 1717.5MHz_-20°C       | Pass   | 1.7175G    | 1.7175025G     | 1.71699323G | 1.71801178G | 1.71G            | 1.755G           | 1.46 | 1    | -      |
| 1717.5MHz_-10°C       | Pass   | 1.7175G    | 1.7175024G     | 1.71699310G | 1.71801164G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1717.5MHz_0°C         | Pass   | 1.7175G    | 1.7175024G     | 1.71699319G | 1.71801153G | 1.71G            | 1.755G           | 1.37 | 1    | -      |
| 1717.5MHz_10°C        | Pass   | 1.7175G    | 1.7175023G     | 1.71699311G | 1.71801159G | 1.71G            | 1.755G           | 1.37 | 1    | -      |

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|-----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1717.5MHz_20°C        | Pass   | 1.7175G    | 1.7175022G     | 1.71699318G | 1.71801129G | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| 1717.5MHz_30°C        | Pass   | 1.7175G    | 1.7175021G     | 1.71699309G | 1.71801121G | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1717.5MHz_40°C        | Pass   | 1.7175G    | 1.7175022G     | 1.71699308G | 1.71801137G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1717.5MHz_50°C        | Pass   | 1.7175G    | 1.7175024G     | 1.7169932G  | 1.71801158G | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1717.5MHz_126.5V      | Pass   | 1.7175G    | 1.71750G23G    | 1.71699319G | 1.71801138G | 1.71G            | 1.755G           | 1.33 | 1    | -      |
| 1717.5MHz_93.5V       | Pass   | 1.7175G    | 1.7175G023G    | 1.71699317G | 1.71801144G | 1.71G            | 1.755G           | 1.34 | 1    | -      |
| 1747.5MHz_-30°C       | Pass   | 1.7475G    | 1.7475026G     | 1.74699324G | 1.74801191G | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| 1747.5MHz_-20°C       | Pass   | 1.7475G    | 1.7475024G     | 1.7469931G  | 1.74801178G | 1.71G            | 1.755G           | 1.40 | 1    | -      |
| 1747.5MHz_-10°C       | Pass   | 1.7475G    | 1.7475022G     | 1.74699308G | 1.74801123G | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1747.5MHz_0°C         | Pass   | 1.7475G    | 1.7475022G     | 1.74699305G | 1.74801138G | 1.71G            | 1.755G           | 1.27 | 1    | -      |
| 1747.5MHz_10°C        | Pass   | 1.7475G    | 1.7475024G     | 1.74699318G | 1.74801168G | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1747.5MHz_20°C        | Pass   | 1.7475G    | 1.7475022G     | 1.74699311G | 1.7480113G  | 1.71G            | 1.755G           | 1.26 | 1    | -      |
| 1747.5MHz_30°C        | Pass   | 1.7475G    | 1.7475023G     | 1.74699317G | 1.74801144G | 1.71G            | 1.755G           | 1.32 | 1    | -      |
| 1747.5MHz_40°C        | Pass   | 1.7475G    | 1.7475024G     | 1.74699304G | 1.7480118G  | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1747.5MHz_50°C        | Pass   | 1.7475G    | 1.7475023G     | 1.74699311G | 1.74801157G | 1.71G            | 1.755G           | 1.34 | 1    | -      |
| 1747.5MHz_126.5V      | Pass   | 1.7475G    | 1.7475024G     | 1.74699309G | 1.74801163G | 1.71G            | 1.755G           | 1.35 | 1    | -      |
| 1747.5MHz_93.5V       | Pass   | 1.7475G    | 1.7475023G     | 1.74699307G | 1.74801147G | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| LTE_15MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1717.5MHz_-30°C       | Pass   | 1.7175G    | 1.7175023G     | 1.71699315G | 1.71801136G | 1.71G            | 1.755G           | 1.31 | 1    | -      |
| 1717.5MHz_-20°C       | Pass   | 1.7175G    | 1.7175022G     | 1.71699323G | 1.71801121G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1717.5MHz_-10°C       | Pass   | 1.7175G    | 1.7175024G     | 1.71699308G | 1.71801174G | 1.71G            | 1.755G           | 1.40 | 1    | -      |
| 1717.5MHz_0°C         | Pass   | 1.7175G    | 1.7175025G     | 1.71699315G | 1.71801181G | 1.71G            | 1.755G           | 1.44 | 1    | -      |
| 1717.5MHz_10°C        | Pass   | 1.7175G    | 1.7175024G     | 1.71699308G | 1.71801177G | 1.71G            | 1.755G           | 1.41 | 1    | -      |
| 1717.5MHz_20°C        | Pass   | 1.7175G    | 1.7175024G     | 1.71699307G | 1.71801176G | 1.71G            | 1.755G           | 1.40 | 1    | -      |
| 1717.5MHz_30°C        | Pass   | 1.7175G    | 1.7175022G     | 1.71699313G | 1.71801124G | 1.71G            | 1.755G           | 1.27 | 1    | -      |
| 1717.5MHz_40°C        | Pass   | 1.7175G    | 1.7175023G     | 1.71699305G | 1.71801158G | 1.71G            | 1.755G           | 1.35 | 1    | -      |
| 1717.5MHz_50°C        | Pass   | 1.7175G    | 1.7175023G     | 1.71699321G | 1.71801144G | 1.71G            | 1.755G           | 1.35 | 1    | -      |
| 1717.5MHz_126.5V      | Pass   | 1.7175G    | 1.7175022G     | 1.71699314G | 1.71801128G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1717.5MHz_93.5V       | Pass   | 1.7175G    | 1.7175022G     | 1.71699311G | 1.71801136G | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| 1747.5MHz_-30°C       | Pass   | 1.7475G    | 1.7475024G     | 1.74699316G | 1.7480117G  | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1747.5MHz_-20°C       | Pass   | 1.7475G    | 1.7475024G     | 1.74699315G | 1.74801167G | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1747.5MHz_-10°C       | Pass   | 1.7475G    | 1.7475025G     | 1.74699312G | 1.7480118G  | 1.71G            | 1.755G           | 1.41 | 1    | -      |
| 1747.5MHz_0°C         | Pass   | 1.7475G    | 1.7475024G     | 1.74699313G | 1.7480117G  | 1.71G            | 1.755G           | 1.38 | 1    | -      |
| 1747.5MHz_10°C        | Pass   | 1.7475G    | 1.7475023G     | 1.7469931G  | 1.74801145G | 1.71G            | 1.755G           | 1.30 | 1    | -      |
| 1747.5MHz_20°C        | Pass   | 1.7475G    | 1.7475022G     | 1.74699304G | 1.74801132G | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1747.5MHz_30°C        | Pass   | 1.7475G    | 1.7475025G     | 1.74699315G | 1.74801184G | 1.71G            | 1.755G           | 1.43 | 1    | -      |
| 1747.5MHz_40°C        | Pass   | 1.7475G    | 1.7475022G     | 1.74699316G | 1.74801125G | 1.71G            | 1.755G           | 1.26 | 1    | -      |
| 1747.5MHz_50°C        | Pass   | 1.7475G    | 1.7475023G     | 1.74699308G | 1.7480115G  | 1.71G            | 1.755G           | 1.31 | 1    | -      |

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|-----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1747.5MHz_126.5V      | Pass   | 1.7475G    | 1.7475024G     | 1.74699307G | 1.74801169G | 1.71G            | 1.755G           | 1.36 | 1    | -      |
| 1747.5MHz_93.5V       | Pass   | 1.7475G    | 1.7475023G     | 1.74699315G | 1.74801148G | 1.71G            | 1.755G           | 1.32 | 1    | -      |
| LTE_20MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1720MHz_-30°C         | Pass   | 1.72G      | 1.7200022G     | 1.71948324G | 1.7205211G  | 1.71G            | 1.755G           | 1.26 | 1    | -      |
| 1720MHz_-20°C         | Pass   | 1.72G      | 1.7200021G     | 1.71948322G | 1.72052094G | 1.71G            | 1.755G           | 1.21 | 1    | -      |
| 1720MHz_-10°C         | Pass   | 1.72G      | 1.7200021G     | 1.71948323G | 1.72052097G | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1720MHz_0°C           | Pass   | 1.72G      | 1.720002G      | 1.71948308G | 1.72052093G | 1.71G            | 1.755G           | 1.16 | 1    | -      |
| 1720MHz_10°C          | Pass   | 1.72G      | 1.720002G      | 1.71948308G | 1.72052085G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1720MHz_20°C          | Pass   | 1.72G      | 1.720002G      | 1.71948304G | 1.72052104G | 1.71G            | 1.755G           | 1.18 | 1    | -      |
| 1720MHz_30°C          | Pass   | 1.72G      | 1.7200021G     | 1.71948319G | 1.72052102G | 1.71G            | 1.755G           | 1.22 | 1    | -      |
| 1720MHz_40°C          | Pass   | 1.72G      | 1.7200018G     | 1.71948305G | 1.72052063G | 1.71G            | 1.755G           | 1.07 | 1    | -      |
| 1720MHz_50°C          | Pass   | 1.72G      | 1.7200021G     | 1.71948322G | 1.72052101G | 1.71G            | 1.755G           | 1.23 | 1    | -      |
| 1720MHz_126.5V        | Pass   | 1.72G      | 1.720002G      | 1.71948319G | 1.72052078G | 1.71G            | 1.755G           | 1.15 | 1    | -      |
| 1720MHz_93.5V         | Pass   | 1.72G      | 1.720002G      | 1.71948306G | 1.72052095G | 1.71G            | 1.755G           | 1.16 | 1    | -      |
| 1745MHz_-30°C         | Pass   | 1.745G     | 1.7450026G     | 1.74447324G | 1.74553191G | 1.71G            | 1.755G           | 1.47 | 1    | -      |
| 1745MHz_-20°C         | Pass   | 1.745G     | 1.7450024G     | 1.74447307G | 1.7455318G  | 1.71G            | 1.755G           | 1.39 | 1    | -      |
| 1745MHz_-10°C         | Pass   | 1.745G     | 1.7450024G     | 1.74447304G | 1.74553171G | 1.71G            | 1.755G           | 1.36 | 1    | -      |
| 1745MHz_0°C           | Pass   | 1.745G     | 1.7450024G     | 1.74447315G | 1.74553173G | 1.71G            | 1.755G           | 1.40 | 1    | -      |
| 1745MHz_10°C          | Pass   | 1.745G     | 1.7450023G     | 1.74447310G | 1.74553159G | 1.71G            | 1.755G           | 1.34 | 1    | -      |
| 1745MHz_20°C          | Pass   | 1.745G     | 1.7450022G     | 1.74447306G | 1.74553140G | 1.71G            | 1.755G           | 1.28 | 1    | -      |
| 1745MHz_30°C          | Pass   | 1.745G     | 1.7450023G     | 1.74447322G | 1.74553135G | 1.71G            | 1.755G           | 1.31 | 1    | -      |
| 1745MHz_40°C          | Pass   | 1.745G     | 1.7450025G     | 1.74447320G | 1.74553187G | 1.71G            | 1.755G           | 1.45 | 1    | -      |
| 1745MHz_50°C          | Pass   | 1.745G     | 1.7450022G     | 1.74447322G | 1.74553121G | 1.71G            | 1.755G           | 1.27 | 1    | -      |
| 1745MHz_126.5V        | Pass   | 1.745G     | 1.7450024G     | 1.74447307G | 1.74553181G | 1.71G            | 1.755G           | 1.40 | 1    | -      |
| 1745MHz_93.5V         | Pass   | 1.745G     | 1.7450023G     | 1.74447310G | 1.7455315G  | 1.71G            | 1.755G           | 1.32 | 1    | -      |
| LTE_20MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -    | -    | -      |
| 1720MHz_-30°C         | Pass   | 1.72G      | 1.720002G      | 1.71948305G | 1.72052101G | 1.71G            | 1.755G           | 1.18 | 1    | -      |
| 1720MHz_-20°C         | Pass   | 1.72G      | 1.7200018G     | 1.71948313G | 1.72052056G | 1.71G            | 1.755G           | 1.07 | 1    | -      |
| 1720MHz_-10°C         | Pass   | 1.72G      | 1.7200019G     | 1.71948306G | 1.72052075G | 1.71G            | 1.755G           | 1.11 | 1    | -      |
| 1720MHz_0°C           | Pass   | 1.72G      | 1.7200018G     | 1.7194831G  | 1.7205206G  | 1.71G            | 1.755G           | 1.07 | 1    | -      |
| 1720MHz_10°C          | Pass   | 1.72G      | 1.720002G      | 1.71948319G | 1.72052078G | 1.71G            | 1.755G           | 1.15 | 1    | -      |
| 1720MHz_20°C          | Pass   | 1.72G      | 1.7200018G     | 1.71948307G | 1.72052051G | 1.71G            | 1.755G           | 1.04 | 1    | -      |
| 1720MHz_30°C          | Pass   | 1.72G      | 1.720002G      | 1.7194831G  | 1.72052094G | 1.71G            | 1.755G           | 1.17 | 1    | -      |
| 1720MHz_40°C          | Pass   | 1.72G      | 1.720002G      | 1.71948321G | 1.72052072G | 1.71G            | 1.755G           | 1.14 | 1    | -      |
| 1720MHz_50°C          | Pass   | 1.72G      | 1.7200018G     | 1.71948304G | 1.72052051G | 1.71G            | 1.755G           | 1.03 | 1    | -      |
| 1720MHz_126.5V        | Pass   | 1.72G      | 1.7200021G     | 1.71948312G | 1.72052103G | 1.71G            | 1.755G           | 1.21 | 1    | -      |
| 1720MHz_93.5V         | Pass   | 1.72G      | 1.7200018G     | 1.71948316G | 1.7205204G  | 1.71G            | 1.755G           | 1.03 | 1    | -      |
| 1745MHz_-30°C         | Pass   | 1.745G     | 1.7450026G     | 1.74449324G | 1.74551191G | 1.71G            | 1.755G           | 1.47 | 1    | -      |



## Frequency Stability Results

## Appendix F.5

| Mode           | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm  | Port | Remark |
|----------------|--------|------------|----------------|-------------|-------------|------------------|------------------|------|------|--------|
| 1745MHz_-20°C  | Pass   | 1.745G     | 1.7450022G     | 1.74449308G | 1.74551132G | 1.71G            | 1.755G           | 1.26 | 1    | -      |
| 1745MHz_-10°C  | Pass   | 1.745G     | 1.7450022G     | 1.74449314G | 1.74551136G | 1.71G            | 1.755G           | 1.29 | 1    | -      |
| 1745MHz_0°C    | Pass   | 1.745G     | 1.7450023      | 1.74449313G | 1.74551146G | 1.71G            | 1.755G           | 1.31 | 1    | -      |
| 1745MHz_10°C   | Pass   | 1.745G     | 1.7450025G     | 1.74449311G | 1.74551181G | 1.71G            | 1.755G           | 1.41 | 1    | -      |
| 1745MHz_20°C   | Pass   | 1.745G     | 1.7450023G     | 1.74449315G | 1.74551155G | 1.71G            | 1.755G           | 1.35 | 1    | -      |
| 1745MHz_30°C   | Pass   | 1.745G     | 1.7450023G     | 1.74449308G | 1.7455115G  | 1.71G            | 1.755G           | 1.31 | 1    | -      |
| 1745MHz_40°C   | Pass   | 1.745G     | 1.7450025G     | 1.74449312G | 1.74551186G | 1.71G            | 1.755G           | 1.43 | 1    | -      |
| 1745MHz_50°C   | Pass   | 1.745G     | 1.7450022G     | 1.74449314G | 1.74551121G | 1.71G            | 1.755G           | 1.25 | 1    | -      |
| 1745MHz_126.5V | Pass   | 1.745G     | 1.7450022G     | 1.7444931G  | 1.74551136G | 1.71G            | 1.755G           | 1.28 | 1    | -      |
| 1745MHz_93.5V  | Pass   | 1.745G     | 1.7450022G     | 1.74449313G | 1.74551132G | 1.71G            | 1.755G           | 1.27 | 1    | -      |



**<Mode 6> EUT 2 + LTE Band 5 Link**

**Summary**

| Mode                          | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port |
|-------------------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|
| Band 5                        | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    |
| Band 5_LTE_1.4MHz_(16QAM)_1TX | Pass   | 836.5M     | 836.500559M    | 835.929063M | 837.072055M | 824M             | 849M             | 0.007 | 2.5            | 1    |



## Result

| Mode                   | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|------------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|--------|
| LTE_1.4MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C         | Pass   | 836.5M     | 836.50152M     | 835.927431M | 837.075608M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-20°C         | Pass   | 836.5M     | 836.502328M    | 835.92622M  | 837.078436M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-10°C         | Pass   | 836.5M     | 836.500317M    | 835.921544M | 837.07909M  | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_0°C           | Pass   | 836.5M     | 836.496193M    | 835.917771M | 837.074615M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_10°C          | Pass   | 836.5M     | 836.500469M    | 835.928949M | 837.071988M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_20°C          | Pass   | 836.5M     | 836.500335M    | 835.924421M | 837.076249M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_30°C          | Pass   | 836.5M     | 836.50016M     | 835.925339M | 837.074981M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_40°C          | Pass   | 836.5M     | 836.502833M    | 835.927248M | 837.078418M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_50°C          | Pass   | 836.5M     | 836.501158M    | 835.931799M | 837.070517M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_126.5V        | Pass   | 836.5M     | 836.497746M    | 835.924173M | 837.071319M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_93.5V         | Pass   | 836.5M     | 836.494215M    | 835.913469M | 837.074961M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| LTE_1.4MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C         | Pass   | 836.5M     | 836.500559M    | 835.929063M | 837.072055M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_-20°C         | Pass   | 836.5M     | 836.49849M     | 835.920663M | 837.076317M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_-10°C         | Pass   | 836.5M     | 836.50086M     | 835.925826M | 837.075893M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_0°C           | Pass   | 836.5M     | 836.50077M     | 835.924039M | 837.0775M   | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_10°C          | Pass   | 836.5M     | 836.498711M    | 835.928373M | 837.069049M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_20°C          | Pass   | 836.5M     | 836.500359M    | 835.925581M | 837.075137M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_30°C          | Pass   | 836.5M     | 836.49685M     | 835.919838M | 837.073861M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_40°C          | Pass   | 836.5M     | 836.495888M    | 835.919669M | 837.072107M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_50°C          | Pass   | 836.5M     | 836.502245M    | 835.928206M | 837.076285M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_126.5V        | Pass   | 836.5M     | 836.503896M    | 835.933064M | 837.074728M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_93.5V         | Pass   | 836.5M     | 836.497793M    | 835.924006M | 837.071581M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| LTE_3MHz_(QPSK)_1TX    | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C         | Pass   | 836.5M     | 836.51055M     | 835.136958M | 837.884141M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_-20°C         | Pass   | 836.5M     | 836.506452M    | 835.147562M | 837.865343M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_-10°C         | Pass   | 836.5M     | 836.505331M    | 835.141877M | 837.868784M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_0°C           | Pass   | 836.5M     | 836.511519M    | 835.144565M | 837.878474M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_10°C          | Pass   | 836.5M     | 836.497622M    | 835.140847M | 837.854397M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_20°C          | Pass   | 836.5M     | 836.504129M    | 835.147158M | 837.8611M   | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_30°C          | Pass   | 836.5M     | 836.502546M    | 835.1373M   | 837.867792M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_40°C          | Pass   | 836.5M     | 836.493159M    | 835.127621M | 837.858696M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_50°C          | Pass   | 836.5M     | 836.501556M    | 835.140402M | 837.86271M  | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_126.5V        | Pass   | 836.5M     | 836.501895M    | 835.139309M | 837.86446M  | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_93.5V         | Pass   | 836.5M     | 836.505287M    | 835.141007M | 837.869567M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| LTE_3MHz_(16QAM)_1TX   | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C         | Pass   | 836.5M     | 836.506955M    | 835.149391M | 837.864519M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.6

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|--------|
| 836.5MHz_-20°C       | Pass   | 836.5M     | 836.507338M    | 835.144935M | 837.869741M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-10°C       | Pass   | 836.5M     | 836.500068M    | 835.144932M | 837.855204M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_0°C         | Pass   | 836.5M     | 836.505749M    | 835.134473M | 837.877025M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_10°C        | Pass   | 836.5M     | 836.50307M     | 835.141451M | 837.864688M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_20°C        | Pass   | 836.5M     | 836.503677M    | 835.141638M | 837.865715M | 824M             | 849M             | 0.007 | 2.5            | 1    | -      |
| 836.5MHz_30°C        | Pass   | 836.5M     | 836.505837M    | 835.140662M | 837.871012M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_40°C        | Pass   | 836.5M     | 836.502886M    | 835.145395M | 837.860376M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_50°C        | Pass   | 836.5M     | 836.512561M    | 835.150326M | 837.874797M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_126.5V      | Pass   | 836.5M     | 836.51096M     | 835.147603M | 837.874318M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_93.5V       | Pass   | 836.5M     | 836.502849M    | 835.136414M | 837.869283M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| LTE_5MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C       | Pass   | 836.5M     | 836.508802M    | 834.266298M | 838.751306M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-20°C       | Pass   | 836.5M     | 836.490409M    | 834.247539M | 838.733279M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_-10°C       | Pass   | 836.5M     | 836.491376M    | 834.261309M | 838.721443M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_0°C         | Pass   | 836.5M     | 836.511336M    | 834.268393M | 838.754279M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_10°C        | Pass   | 836.5M     | 836.508483M    | 834.249615M | 838.767352M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_20°C        | Pass   | 836.5M     | 836.492878M    | 834.240005M | 838.745751M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_30°C        | Pass   | 836.5M     | 836.507765M    | 834.255023M | 838.760508M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_40°C        | Pass   | 836.5M     | 836.496094M    | 834.249494M | 838.742694M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_50°C        | Pass   | 836.5M     | 836.504806M    | 834.269783M | 838.739829M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_126.5V      | Pass   | 836.5M     | 836.496627M    | 834.242373M | 838.750881M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_93.5V       | Pass   | 836.5M     | 836.495574M    | 834.256752M | 838.734396M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| LTE_5MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C       | Pass   | 836.5M     | 836.50272M     | 834.259788M | 838.745652M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-20°C       | Pass   | 836.5M     | 836.498708M    | 834.257143M | 838.740273M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_-10°C       | Pass   | 836.5M     | 836.500608M    | 834.259119M | 838.742098M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_0°C         | Pass   | 836.5M     | 836.505747M    | 834.252669M | 838.758826M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_10°C        | Pass   | 836.5M     | 836.499693M    | 834.255854M | 838.743532M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_20°C        | Pass   | 836.5M     | 836.500744M    | 834.250929M | 838.750559M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_30°C        | Pass   | 836.5M     | 836.49953M     | 834.265138M | 838.733921M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_40°C        | Pass   | 836.5M     | 836.508634M    | 834.253303M | 838.763964M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_50°C        | Pass   | 836.5M     | 836.497331M    | 834.252523M | 838.74214M  | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_126.5V      | Pass   | 836.5M     | 836.50337M     | 834.253881M | 838.75286M  | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_93.5V       | Pass   | 836.5M     | 836.503626M    | 834.256281M | 838.75097M  | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| LTE_10MHz_(QPSK)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C       | Pass   | 836.5M     | 836.508766M    | 832.047659M | 840.969873M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_-20°C       | Pass   | 836.5M     | 836.510444M    | 832.058352M | 840.962535M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_-10°C       | Pass   | 836.5M     | 836.496275M    | 832.025844M | 840.966707M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |



## Frequency Stability Results

## Appendix F.6

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port | Remark |
|-----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|--------|
| 836.5MHz_0°C          | Pass   | 836.5M     | 836.518948M    | 832.061665M | 840.976231M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_10°C         | Pass   | 836.5M     | 836.511284M    | 832.06721M  | 840.955358M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_20°C         | Pass   | 836.5M     | 836.497928M    | 832.044612M | 840.951244M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_30°C         | Pass   | 836.5M     | 836.506923M    | 832.029904M | 840.983942M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_40°C         | Pass   | 836.5M     | 836.504234M    | 832.046746M | 840.961721M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_50°C         | Pass   | 836.5M     | 836.479709M    | 832.02798M  | 840.931438M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_126.5V       | Pass   | 836.5M     | 836.499359M    | 832.039296M | 840.959421M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_93.5V        | Pass   | 836.5M     | 836.503636M    | 832.043785M | 840.963487M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| LTE_10MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    | -      |
| 836.5MHz_-30°C        | Pass   | 836.5M     | 836.501227M    | 832.038037M | 840.964416M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_-20°C        | Pass   | 836.5M     | 836.517039M    | 832.052399M | 840.981679M | 824M             | 849M             | 0.006 | 2.5            | 1    | -      |
| 836.5MHz_-10°C        | Pass   | 836.5M     | 836.514857M    | 832.055859M | 840.973855M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_0°C          | Pass   | 836.5M     | 836.512932M    | 832.051899M | 840.973965M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_10°C         | Pass   | 836.5M     | 836.50545M     | 832.038649M | 840.97225M  | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_20°C         | Pass   | 836.5M     | 836.509547M    | 832.033892M | 840.985202M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_30°C         | Pass   | 836.5M     | 836.494138M    | 832.040351M | 840.947925M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_40°C         | Pass   | 836.5M     | 836.51574M     | 832.057533M | 840.973946M | 824M             | 849M             | 0.005 | 2.5            | 1    | -      |
| 836.5MHz_50°C         | Pass   | 836.5M     | 836.517449M    | 832.053133M | 840.981765M | 824M             | 849M             | 0.004 | 2.5            | 1    | -      |
| 836.5MHz_126.5V       | Pass   | 836.5M     | 836.507434M    | 832.048209M | 840.966658M | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |
| 836.5MHz_93.5V        | Pass   | 836.5M     | 836.509799M    | 832.054217M | 840.96538M  | 824M             | 849M             | 0.003 | 2.5            | 1    | -      |



**<Mode 7> EUT 2 + LTE Band 12 Link**

**Summary**

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port |
|---------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|
| Band 12             | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    |
| LTE_3MHz_(QPSK)_1TX | Pass   | 700.5M     | 700.500913M    | 699.140533M | 701.861292M | 699M             | 716M             | 0.011 | Inf            | 1    |

## Result

| Mode                   | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|------------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| LTE_1.4MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 699.7MHz_-30°C         | Pass   | 699.7M     | 699.696325M    | 699.11675M  | 700.275899M | 699M             | 716M             | 0.003 | 1    | -      |
| 699.7MHz_-20°C         | Pass   | 699.7M     | 699.702968M    | 699.128409M | 700.277528M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_-10°C         | Pass   | 699.7M     | 699.69955M     | 699.125748M | 700.273351M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_0°C           | Pass   | 699.7M     | 699.694588M    | 699.11291M  | 700.276267M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_10°C          | Pass   | 699.7M     | 699.696653M    | 699.122618M | 700.270689M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_20°C          | Pass   | 699.7M     | 699.697322M    | 699.121234M | 700.27341M  | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_30°C          | Pass   | 699.7M     | 699.697624M    | 699.121022M | 700.274226M | 699M             | 716M             | 0.003 | 1    | -      |
| 699.7MHz_40°C          | Pass   | 699.7M     | 699.697588M    | 699.117316M | 700.277861M | 699M             | 716M             | 0.003 | 1    | -      |
| 699.7MHz_50°C          | Pass   | 699.7M     | 699.694093M    | 699.117186M | 700.271001M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_126.5V        | Pass   | 699.7M     | 699.696409M    | 699.119013M | 700.273805M | 699M             | 716M             | 0.004 | 1    | -      |
| 699.7MHz_93.5V         | Pass   | 699.7M     | 699.696056M    | 699.121616M | 700.270497M | 699M             | 716M             | 0.007 | 1    | -      |
| 715.3MHz_-30°C         | Pass   | 715.3M     | 715.297254M    | 714.718005M | 715.876503M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_-20°C         | Pass   | 715.3M     | 715.303058M    | 714.732324M | 715.873792M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_-10°C         | Pass   | 715.3M     | 715.305041M    | 714.728165M | 715.881917M | 699M             | 716M             | 0.003 | 1    | -      |
| 715.3MHz_0°C           | Pass   | 715.3M     | 715.302835M    | 714.727137M | 715.878533M | 699M             | 716M             | 0.006 | 1    | -      |
| 715.3MHz_10°C          | Pass   | 715.3M     | 715.298833M    | 714.724942M | 715.872724M | 699M             | 716M             | 0.007 | 1    | -      |
| 715.3MHz_20°C          | Pass   | 715.3M     | 715.301872M    | 714.728414M | 715.87533M  | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_30°C          | Pass   | 715.3M     | 715.306398M    | 714.731107M | 715.881688M | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_40°C          | Pass   | 715.3M     | 715.298671M    | 714.719683M | 715.877659M | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_50°C          | Pass   | 715.3M     | 715.302799M    | 714.727941M | 715.877657M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_126.5V        | Pass   | 715.3M     | 715.298386M    | 714.724605M | 715.872166M | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_93.5V         | Pass   | 715.3M     | 715.304461M    | 714.728624M | 715.880299M | 699M             | 716M             | 0.004 | 1    | -      |
| LTE_1.4MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 699.7MHz_-30°C         | Pass   | 699.7M     | 699.694991M    | 699.122597M | 700.267384M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_-20°C         | Pass   | 699.7M     | 699.697831M    | 699.122924M | 700.272738M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_-10°C         | Pass   | 699.7M     | 699.696983M    | 699.119656M | 700.27431M  | 699M             | 716M             | 0.004 | 1    | -      |
| 699.7MHz_0°C           | Pass   | 699.7M     | 699.699701M    | 699.12495M  | 700.274452M | 699M             | 716M             | 0.006 | 1    | -      |
| 699.7MHz_10°C          | Pass   | 699.7M     | 699.699569M    | 699.124216M | 700.274922M | 699M             | 716M             | 0.006 | 1    | -      |
| 699.7MHz_20°C          | Pass   | 699.7M     | 699.697027M    | 699.119238M | 700.274816M | 699M             | 716M             | 0.004 | 1    | -      |
| 699.7MHz_30°C          | Pass   | 699.7M     | 699.707542M    | 699.127M    | 700.288084M | 699M             | 716M             | 0.006 | 1    | -      |
| 699.7MHz_40°C          | Pass   | 699.7M     | 699.701992M    | 699.125761M | 700.278222M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_50°C          | Pass   | 699.7M     | 699.697828M    | 699.119137M | 700.27652M  | 699M             | 716M             | 0.006 | 1    | -      |
| 699.7MHz_126.5V        | Pass   | 699.7M     | 699.696073M    | 699.114922M | 700.277224M | 699M             | 716M             | 0.005 | 1    | -      |
| 699.7MHz_93.5V         | Pass   | 699.7M     | 699.700098M    | 699.12444M  | 700.275755M | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_-30°C         | Pass   | 715.3M     | 715.294726M    | 714.71463M  | 715.874822M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_-20°C         | Pass   | 715.3M     | 715.301791M    | 714.72875M  | 715.874833M | 699M             | 716M             | 0.006 | 1    | -      |
| 715.3MHz_-10°C         | Pass   | 715.3M     | 715.299584M    | 714.723661M | 715.875506M | 699M             | 716M             | 0.005 | 1    | -      |

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| 715.3MHz_0°C         | Pass   | 715.3M     | 715.301619M    | 714.72382M  | 715.879418M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_10°C        | Pass   | 715.3M     | 715.303189M    | 714.72922M  | 715.877159M | 699M             | 716M             | 0.003 | 1    | -      |
| 715.3MHz_20°C        | Pass   | 715.3M     | 715.298759M    | 714.724974M | 715.872545M | 699M             | 716M             | 0.004 | 1    | -      |
| 715.3MHz_30°C        | Pass   | 715.3M     | 715.298979M    | 714.721537M | 715.876421M | 699M             | 716M             | 0.007 | 1    | -      |
| 715.3MHz_40°C        | Pass   | 715.3M     | 715.3M         | 714.730635M | 715.869366M | 699M             | 716M             | 0.006 | 1    | -      |
| 715.3MHz_50°C        | Pass   | 715.3M     | 715.296854M    | 714.71898M  | 715.874727M | 699M             | 716M             | 0.008 | 1    | -      |
| 715.3MHz_126.5V      | Pass   | 715.3M     | 715.301126M    | 714.728031M | 715.874221M | 699M             | 716M             | 0.005 | 1    | -      |
| 715.3MHz_93.5V       | Pass   | 715.3M     | 715.298611M    | 714.723779M | 715.873443M | 699M             | 716M             | 0.006 | 1    | -      |
| LTE_3MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 700.5MHz_-30°C       | Pass   | 700.5M     | 700.495366M    | 699.136494M | 701.854238M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_-20°C       | Pass   | 700.5M     | 700.501295M    | 699.140966M | 701.861623M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_-10°C       | Pass   | 700.5M     | 700.500569M    | 699.139696M | 701.861442M | 699M             | 716M             | 0.008 | 1    | -      |
| 700.5MHz_0°C         | Pass   | 700.5M     | 700.514241M    | 699.144695M | 701.883788M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_10°C        | Pass   | 700.5M     | 700.508754M    | 699.1408M   | 701.876707M | 699M             | 716M             | 0.01  | 1    | -      |
| 700.5MHz_20°C        | Pass   | 700.5M     | 700.503488M    | 699.135394M | 701.871581M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_30°C        | Pass   | 700.5M     | 700.499457M    | 699.140558M | 701.858356M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_40°C        | Pass   | 700.5M     | 700.496842M    | 699.134544M | 701.85914M  | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_50°C        | Pass   | 700.5M     | 700.500913M    | 699.140533M | 701.861292M | 699M             | 716M             | 0.011 | 1    | -      |
| 700.5MHz_126.5V      | Pass   | 700.5M     | 700.505449M    | 699.138702M | 701.872197M | 699M             | 716M             | 0.007 | 1    | -      |
| 700.5MHz_93.5V       | Pass   | 700.5M     | 700.502961M    | 699.141023M | 701.864899M | 699M             | 716M             | 0.009 | 1    | -      |
| 714.5MHz_-30°C       | Pass   | 714.5M     | 714.501173M    | 713.128704M | 715.873641M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_-20°C       | Pass   | 714.5M     | 714.50265M     | 713.141417M | 715.863882M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_-10°C       | Pass   | 714.5M     | 714.509003M    | 713.148095M | 715.869912M | 699M             | 716M             | 0.005 | 1    | -      |
| 714.5MHz_0°C         | Pass   | 714.5M     | 714.504578M    | 713.139581M | 715.869576M | 699M             | 716M             | 0.005 | 1    | -      |
| 714.5MHz_10°C        | Pass   | 714.5M     | 714.515017M    | 713.153944M | 715.87609M  | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_20°C        | Pass   | 714.5M     | 714.508211M    | 713.14954M  | 715.866882M | 699M             | 716M             | 0.007 | 1    | -      |
| 714.5MHz_30°C        | Pass   | 714.5M     | 714.511919M    | 713.14286M  | 715.880979M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_40°C        | Pass   | 714.5M     | 714.505893M    | 713.147128M | 715.864658M | 699M             | 716M             | 0.007 | 1    | -      |
| 714.5MHz_50°C        | Pass   | 714.5M     | 714.507608M    | 713.148714M | 715.866502M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_126.5V      | Pass   | 714.5M     | 714.508385M    | 713.147655M | 715.869114M | 699M             | 716M             | 0.007 | 1    | -      |
| 714.5MHz_93.5V       | Pass   | 714.5M     | 714.506985M    | 713.145785M | 715.868185M | 699M             | 716M             | 0.008 | 1    | -      |
| LTE_3MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 700.5MHz_-30°C       | Pass   | 700.5M     | 700.505017M    | 699.151114M | 701.85892M  | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_-20°C       | Pass   | 700.5M     | 700.504834M    | 699.134707M | 701.874961M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_-10°C       | Pass   | 700.5M     | 700.500689M    | 699.140609M | 701.86077M  | 699M             | 716M             | 0.01  | 1    | -      |
| 700.5MHz_0°C         | Pass   | 700.5M     | 700.507757M    | 699.147105M | 701.86841M  | 699M             | 716M             | 0.011 | 1    | -      |
| 700.5MHz_10°C        | Pass   | 700.5M     | 700.501195M    | 699.142071M | 701.86032M  | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_20°C        | Pass   | 700.5M     | 700.497844M    | 699.135688M | 701.860021M | 699M             | 716M             | 0.01  | 1    | -      |



## Frequency Stability Results

## Appendix F.7

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|---------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| 700.5MHz_30°C       | Pass   | 700.5M     | 700.508745M    | 699.143037M | 701.874453M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_40°C       | Pass   | 700.5M     | 700.499855M    | 699.143248M | 701.856461M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_50°C       | Pass   | 700.5M     | 700.505538M    | 699.132214M | 701.878862M | 699M             | 716M             | 0.009 | 1    | -      |
| 700.5MHz_126.5V     | Pass   | 700.5M     | 700.503194M    | 699.143915M | 701.862474M | 699M             | 716M             | 0.01  | 1    | -      |
| 700.5MHz_93.5V      | Pass   | 700.5M     | 700.498867M    | 699.137832M | 701.859901M | 699M             | 716M             | 0.005 | 1    | -      |
| 714.5MHz_-30°C      | Pass   | 714.5M     | 714.510067M    | 713.1497M   | 715.870434M | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_-20°C      | Pass   | 714.5M     | 714.501621M    | 713.146526M | 715.856715M | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_-10°C      | Pass   | 714.5M     | 714.509573M    | 713.151186M | 715.867959M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_0°C        | Pass   | 714.5M     | 714.506939M    | 713.145883M | 715.867996M | 699M             | 716M             | 0.007 | 1    | -      |
| 714.5MHz_10°C       | Pass   | 714.5M     | 714.508448M    | 713.141562M | 715.875334M | 699M             | 716M             | 0.004 | 1    | -      |
| 714.5MHz_20°C       | Pass   | 714.5M     | 714.507131M    | 713.148713M | 715.865549M | 699M             | 716M             | 0.007 | 1    | -      |
| 714.5MHz_30°C       | Pass   | 714.5M     | 714.508545M    | 713.147381M | 715.869709M | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_40°C       | Pass   | 714.5M     | 714.507814M    | 713.153093M | 715.862536M | 699M             | 716M             | 0.005 | 1    | -      |
| 714.5MHz_50°C       | Pass   | 714.5M     | 714.510547M    | 713.138835M | 715.88226M  | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_126.5V     | Pass   | 714.5M     | 714.507935M    | 713.144376M | 715.871493M | 699M             | 716M             | 0.006 | 1    | -      |
| 714.5MHz_93.5V      | Pass   | 714.5M     | 714.504967M    | 713.138145M | 715.87179M  | 699M             | 716M             | 0.007 | 1    | -      |
| LTE_5MHz_(QPSK)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 701.5MHz_-30°C      | Pass   | 701.5M     | 701.508683M    | 699.265709M | 703.751657M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_-20°C      | Pass   | 701.5M     | 701.512395M    | 699.26044M  | 703.76435M  | 699M             | 716M             | 0.005 | 1    | -      |
| 701.5MHz_-10°C      | Pass   | 701.5M     | 701.505962M    | 699.251833M | 703.760091M | 699M             | 716M             | 0.003 | 1    | -      |
| 701.5MHz_0°C        | Pass   | 701.5M     | 701.498295M    | 699.245101M | 703.751489M | 699M             | 716M             | 0.006 | 1    | -      |
| 701.5MHz_10°C       | Pass   | 701.5M     | 701.498818M    | 699.255755M | 703.741882M | 699M             | 716M             | 0.007 | 1    | -      |
| 701.5MHz_20°C       | Pass   | 701.5M     | 701.507597M    | 699.265912M | 703.749283M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_30°C       | Pass   | 701.5M     | 701.503164M    | 699.256437M | 703.749892M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_40°C       | Pass   | 701.5M     | 701.500749M    | 699.256373M | 703.745126M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_50°C       | Pass   | 701.5M     | 701.505297M    | 699.252917M | 703.757677M | 699M             | 716M             | 0.005 | 1    | -      |
| 701.5MHz_126.5V     | Pass   | 701.5M     | 701.516214M    | 699.267778M | 703.76465M  | 699M             | 716M             | 0.006 | 1    | -      |
| 701.5MHz_93.5V      | Pass   | 701.5M     | 701.497999M    | 699.262812M | 703.733186M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_-30°C      | Pass   | 713.5M     | 713.517844M    | 711.262129M | 715.77356M  | 699M             | 716M             | 0.004 | 1    | -      |
| 713.5MHz_-20°C      | Pass   | 713.5M     | 713.49441M     | 711.241617M | 715.747203M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_-10°C      | Pass   | 713.5M     | 713.522392M    | 711.272418M | 715.772367M | 699M             | 716M             | 0.007 | 1    | -      |
| 713.5MHz_0°C        | Pass   | 713.5M     | 713.502184M    | 711.259442M | 715.744926M | 699M             | 716M             | 0.003 | 1    | -      |
| 713.5MHz_10°C       | Pass   | 713.5M     | 713.505903M    | 711.260464M | 715.751341M | 699M             | 716M             | 0.006 | 1    | -      |
| 713.5MHz_20°C       | Pass   | 713.5M     | 713.497752M    | 711.247582M | 715.747922M | 699M             | 716M             | 0.007 | 1    | -      |
| 713.5MHz_30°C       | Pass   | 713.5M     | 713.493345M    | 711.254894M | 715.731796M | 699M             | 716M             | 0.003 | 1    | -      |
| 713.5MHz_40°C       | Pass   | 713.5M     | 713.49958M     | 711.254723M | 715.744438M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_50°C       | Pass   | 713.5M     | 713.504026M    | 711.246257M | 715.761795M | 699M             | 716M             | 0.007 | 1    | -      |
| 713.5MHz_126.5V     | Pass   | 713.5M     | 713.498193M    | 711.249236M | 715.747149M | 699M             | 716M             | 0.004 | 1    | -      |



## Frequency Stability Results

## Appendix F.7

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| 713.5MHz_93.5V       | Pass   | 713.5M     | 713.500909M    | 711.256101M | 715.745718M | 699M             | 716M             | 0.004 | 1    | -      |
| LTE_5MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 701.5MHz_-30°C       | Pass   | 701.5M     | 701.516221M    | 699.27315M  | 703.759292M | 699M             | 716M             | 0.007 | 1    | -      |
| 701.5MHz_-20°C       | Pass   | 701.5M     | 701.504665M    | 699.246491M | 703.762839M | 699M             | 716M             | 0.003 | 1    | -      |
| 701.5MHz_-10°C       | Pass   | 701.5M     | 701.508858M    | 699.266255M | 703.751462M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_0°C         | Pass   | 701.5M     | 701.500952M    | 699.256167M | 703.745737M | 699M             | 716M             | 0.007 | 1    | -      |
| 701.5MHz_10°C        | Pass   | 701.5M     | 701.509308M    | 699.265485M | 703.753131M | 699M             | 716M             | 0.005 | 1    | -      |
| 701.5MHz_20°C        | Pass   | 701.5M     | 701.503243M    | 699.253735M | 703.75275M  | 699M             | 716M             | 0.006 | 1    | -      |
| 701.5MHz_30°C        | Pass   | 701.5M     | 701.504082M    | 699.253613M | 703.754552M | 699M             | 716M             | 0.006 | 1    | -      |
| 701.5MHz_40°C        | Pass   | 701.5M     | 701.499287M    | 699.238603M | 703.759972M | 699M             | 716M             | 0.006 | 1    | -      |
| 701.5MHz_50°C        | Pass   | 701.5M     | 701.512825M    | 699.264964M | 703.760685M | 699M             | 716M             | 0.003 | 1    | -      |
| 701.5MHz_126.5V      | Pass   | 701.5M     | 701.506666M    | 699.247139M | 703.766194M | 699M             | 716M             | 0.004 | 1    | -      |
| 701.5MHz_93.5V       | Pass   | 701.5M     | 701.517237M    | 699.269768M | 703.764707M | 699M             | 716M             | 0.007 | 1    | -      |
| 713.5MHz_-30°C       | Pass   | 713.5M     | 713.516865M    | 711.27444M  | 715.759289M | 699M             | 716M             | 0.007 | 1    | -      |
| 713.5MHz_-20°C       | Pass   | 713.5M     | 713.499193M    | 711.239044M | 715.759342M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_-10°C       | Pass   | 713.5M     | 713.503762M    | 711.273759M | 715.733766M | 699M             | 716M             | 0.003 | 1    | -      |
| 713.5MHz_0°C         | Pass   | 713.5M     | 713.501079M    | 711.251117M | 715.751042M | 699M             | 716M             | 0.004 | 1    | -      |
| 713.5MHz_10°C        | Pass   | 713.5M     | 713.509903M    | 711.267976M | 715.751831M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_20°C        | Pass   | 713.5M     | 713.505972M    | 711.245799M | 715.766145M | 699M             | 716M             | 0.006 | 1    | -      |
| 713.5MHz_30°C        | Pass   | 713.5M     | 713.496464M    | 711.263705M | 715.729223M | 699M             | 716M             | 0.006 | 1    | -      |
| 713.5MHz_40°C        | Pass   | 713.5M     | 713.499121M    | 711.256974M | 715.741268M | 699M             | 716M             | 0.004 | 1    | -      |
| 713.5MHz_50°C        | Pass   | 713.5M     | 713.500281M    | 711.254366M | 715.746197M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_126.5V      | Pass   | 713.5M     | 713.502454M    | 711.251629M | 715.753278M | 699M             | 716M             | 0.005 | 1    | -      |
| 713.5MHz_93.5V       | Pass   | 713.5M     | 713.512098M    | 711.261728M | 715.762469M | 699M             | 716M             | 0.005 | 1    | -      |
| LTE_10MHz_(QPSK)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 704MHz_-30°C         | Pass   | 704M       | 704.025411M    | 699.554766M | 708.496056M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_-20°C         | Pass   | 704M       | 704.020146M    | 699.553541M | 708.486752M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_-10°C         | Pass   | 704M       | 704.02052M     | 699.55565M  | 708.485391M | 699M             | 716M             | 0.006 | 1    | -      |
| 704MHz_0°C           | Pass   | 704M       | 704.02445M     | 699.551578M | 708.497322M | 699M             | 716M             | 0.004 | 1    | -      |
| 704MHz_10°C          | Pass   | 704M       | 704.028135M    | 699.542928M | 708.513341M | 699M             | 716M             | 0.004 | 1    | -      |
| 704MHz_20°C          | Pass   | 704M       | 704.025245M    | 699.560996M | 708.489494M | 699M             | 716M             | 0.004 | 1    | -      |
| 704MHz_30°C          | Pass   | 704M       | 704.013302M    | 699.540307M | 708.486296M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_40°C          | Pass   | 704M       | 704.01769M     | 699.552918M | 708.482462M | 699M             | 716M             | 0.003 | 1    | -      |
| 704MHz_50°C          | Pass   | 704M       | 704.010016M    | 699.533044M | 708.486987M | 699M             | 716M             | 0.007 | 1    | -      |
| 704MHz_126.5V        | Pass   | 704M       | 704.015935M    | 699.559258M | 708.472611M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_93.5V         | Pass   | 704M       | 704.012217M    | 699.5502M   | 708.474234M | 699M             | 716M             | 0.006 | 1    | -      |
| 711MHz_-30°C         | Pass   | 711M       | 710.994251M    | 706.547185M | 715.441316M | 699M             | 716M             | 0.005 | 1    | -      |
| 711MHz_-20°C         | Pass   | 711M       | 711.002037M    | 706.547909M | 715.456165M | 699M             | 716M             | 0.005 | 1    | -      |



## Frequency Stability Results

## Appendix F.7

| Mode                  | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|-----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| 711MHz_-10°C          | Pass   | 711M       | 711.005995M    | 706.555174M | 715.456817M | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_0°C            | Pass   | 711M       | 710.998939M    | 706.533991M | 715.463887M | 699M             | 716M             | 0.005 | 1    | -      |
| 711MHz_10°C           | Pass   | 711M       | 711.01526M     | 706.555022M | 715.475498M | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_20°C           | Pass   | 711M       | 711.010233M    | 706.563951M | 715.456516M | 699M             | 716M             | 0.003 | 1    | -      |
| 711MHz_30°C           | Pass   | 711M       | 711.009385M    | 706.544806M | 715.473964M | 699M             | 716M             | 0.003 | 1    | -      |
| 711MHz_40°C           | Pass   | 711M       | 711.010269M    | 706.559221M | 715.461316M | 699M             | 716M             | 0.008 | 1    | -      |
| 711MHz_50°C           | Pass   | 711M       | 710.989371M    | 706.536397M | 715.442345M | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_126.5V         | Pass   | 711M       | 711.024768M    | 706.575211M | 715.474324M | 699M             | 716M             | 0.007 | 1    | -      |
| 711MHz_93.5V          | Pass   | 711M       | 710.987831M    | 706.540809M | 715.434853M | 699M             | 716M             | 0.006 | 1    | -      |
| LTE_10MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 704MHz_-30°C          | Pass   | 704M       | 704.016707M    | 699.55853M  | 708.474884M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_-20°C          | Pass   | 704M       | 704.006036M    | 699.564348M | 708.447724M | 699M             | 716M             | 0.003 | 1    | -      |
| 704MHz_-10°C          | Pass   | 704M       | 704.01638M     | 699.551798M | 708.480963M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_0°C            | Pass   | 704M       | 704.016151M    | 699.531452M | 708.50085M  | 699M             | 716M             | 0.006 | 1    | -      |
| 704MHz_10°C           | Pass   | 704M       | 704.016972M    | 699.558561M | 708.475383M | 699M             | 716M             | 0.008 | 1    | -      |
| 704MHz_20°C           | Pass   | 704M       | 704.006216M    | 699.52443M  | 708.488001M | 699M             | 716M             | 0.005 | 1    | -      |
| 704MHz_30°C           | Pass   | 704M       | 704.017269M    | 699.560394M | 708.474144M | 699M             | 716M             | 0.006 | 1    | -      |
| 704MHz_40°C           | Pass   | 704M       | 704.019202M    | 699.555853M | 708.482552M | 699M             | 716M             | 0.004 | 1    | -      |
| 704MHz_50°C           | Pass   | 704M       | 704.016172M    | 699.552222M | 708.480122M | 699M             | 716M             | 0.007 | 1    | -      |
| 704MHz_126.5V         | Pass   | 704M       | 704.0224M      | 699.548956M | 708.495843M | 699M             | 716M             | 0.004 | 1    | -      |
| 704MHz_93.5V          | Pass   | 704M       | 704.030397M    | 699.561825M | 708.498968M | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_-30°C          | Pass   | 711M       | 710.999166M    | 706.540439M | 715.457893M | 699M             | 716M             | 0.006 | 1    | -      |
| 711MHz_-20°C          | Pass   | 711M       | 711.012944M    | 706.541808M | 715.48408M  | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_-10°C          | Pass   | 711M       | 710.999661M    | 706.533524M | 715.465798M | 699M             | 716M             | 0.007 | 1    | -      |
| 711MHz_0°C            | Pass   | 711M       | 711.01647M     | 706.569274M | 715.463667M | 699M             | 716M             | 0.007 | 1    | -      |
| 711MHz_10°C           | Pass   | 711M       | 711.007364M    | 706.564172M | 715.450557M | 699M             | 716M             | 0.006 | 1    | -      |
| 711MHz_20°C           | Pass   | 711M       | 710.995044M    | 706.540903M | 715.449185M | 699M             | 716M             | 0.007 | 1    | -      |
| 711MHz_30°C           | Pass   | 711M       | 710.995893M    | 706.527203M | 715.464582M | 699M             | 716M             | 0.006 | 1    | -      |
| 711MHz_40°C           | Pass   | 711M       | 710.99398M     | 706.537092M | 715.450868M | 699M             | 716M             | 0.005 | 1    | -      |
| 711MHz_50°C           | Pass   | 711M       | 711.016197M    | 706.552139M | 715.480255M | 699M             | 716M             | 0.005 | 1    | -      |
| 711MHz_126.5V         | Pass   | 711M       | 711.001468M    | 706.533639M | 715.469298M | 699M             | 716M             | 0.004 | 1    | -      |
| 711MHz_93.5V          | Pass   | 711M       | 711.004287M    | 706.526001M | 715.482573M | 699M             | 716M             | 0.004 | 1    | -      |



**<Mode 8> EUT 2 + LTE Band 13 Link**

**Summary**

| Mode                | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Limit<br>(ppm) | Port |
|---------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|----------------|------|
| Band 13             | -      | -          | -              | -           | -           | -                | -                | -     | -              | -    |
| LTE_5MHz_(QPSK)_1TX | Pass   | 779.5M     | 779.527872M    | 777.278607M | 781.777137M | 777M             | 787M             | 0.008 | Inf            | 1    |



## Frequency Stability Results

## Appendix F.8

### Result

| Mode                 | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|----------------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| LTE_5MHz_(QPSK)_1TX  | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 779.5MHz_-30°C       | Pass   | 779.5M     | 779.509182M    | 777.272295M | 781.746068M | 777M             | 787M             | 0.005 | 1    | -      |
| 779.5MHz_-20°C       | Pass   | 779.5M     | 779.51734M     | 777.258266M | 781.776414M | 777M             | 787M             | 0.007 | 1    | -      |
| 779.5MHz_-10°C       | Pass   | 779.5M     | 779.513794M    | 777.280715M | 781.746873M | 777M             | 787M             | 0.005 | 1    | -      |
| 779.5MHz_0°C         | Pass   | 779.5M     | 779.517693M    | 777.268808M | 781.766578M | 777M             | 787M             | 0.006 | 1    | -      |
| 779.5MHz_10°C        | Pass   | 779.5M     | 779.516427M    | 777.285397M | 781.747457M | 777M             | 787M             | 0.007 | 1    | -      |
| 779.5MHz_20°C        | Pass   | 779.5M     | 779.527872M    | 777.278607M | 781.777137M | 777M             | 787M             | 0.008 | 1    | -      |
| 779.5MHz_30°C        | Pass   | 779.5M     | 779.512891M    | 777.280195M | 781.745586M | 777M             | 787M             | 0.006 | 1    | -      |
| 779.5MHz_40°C        | Pass   | 779.5M     | 779.513755M    | 777.282125M | 781.745385M | 777M             | 787M             | 0.004 | 1    | -      |
| 779.5MHz_50°C        | Pass   | 779.5M     | 779.519661M    | 777.285362M | 781.75396M  | 777M             | 787M             | 0.004 | 1    | -      |
| 779.5MHz_126.5V      | Pass   | 779.5M     | 779.520753M    | 777.285624M | 781.755882M | 777M             | 787M             | 0.006 | 1    | -      |
| 779.5MHz_93.5V       | Pass   | 779.5M     | 779.54062M     | 777.311011M | 781.77023M  | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_-30°C       | Pass   | 784.5M     | 784.514399M    | 782.269609M | 786.759188M | 777M             | 787M             | 0.007 | 1    | -      |
| 784.5MHz_-20°C       | Pass   | 784.5M     | 784.495996M    | 782.249903M | 786.742089M | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_-10°C       | Pass   | 784.5M     | 784.528012M    | 782.282717M | 786.773307M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_0°C         | Pass   | 784.5M     | 784.494951M    | 782.255416M | 786.734486M | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_10°C        | Pass   | 784.5M     | 784.520886M    | 782.270693M | 786.771079M | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_20°C        | Pass   | 784.5M     | 784.509331M    | 782.261872M | 786.75679M  | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_30°C        | Pass   | 784.5M     | 784.502571M    | 782.267849M | 786.737293M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_40°C        | Pass   | 784.5M     | 784.509473M    | 782.264795M | 786.754151M | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_50°C        | Pass   | 784.5M     | 784.508149M    | 782.265619M | 786.75068M  | 777M             | 787M             | 0.007 | 1    | -      |
| 784.5MHz_126.5V      | Pass   | 784.5M     | 784.503701M    | 782.269665M | 786.737736M | 777M             | 787M             | 0.008 | 1    | -      |
| 784.5MHz_93.5V       | Pass   | 784.5M     | 784.511011M    | 782.272557M | 786.749464M | 777M             | 787M             | 0.005 | 1    | -      |
| LTE_5MHz_(16QAM)_1TX | -      | -          | -              | -           | -           | -                | -                | -     | -    | -      |
| 779.5MHz_-30°C       | Pass   | 779.5M     | 779.514055M    | 777.27887M  | 781.74924M  | 777M             | 787M             | 0.007 | 1    | -      |
| 779.5MHz_-20°C       | Pass   | 779.5M     | 779.507389M    | 777.274089M | 781.740689M | 777M             | 787M             | 0.005 | 1    | -      |
| 779.5MHz_-10°C       | Pass   | 779.5M     | 779.52341M     | 777.282165M | 781.764655M | 777M             | 787M             | 0.003 | 1    | -      |
| 779.5MHz_0°C         | Pass   | 779.5M     | 779.518946M    | 777.280004M | 781.757887M | 777M             | 787M             | 0.007 | 1    | -      |
| 779.5MHz_10°C        | Pass   | 779.5M     | 779.51633M     | 777.28947M  | 781.743191M | 777M             | 787M             | 0.007 | 1    | -      |
| 779.5MHz_20°C        | Pass   | 779.5M     | 779.512182M    | 777.276738M | 781.747626M | 777M             | 787M             | 0.008 | 1    | -      |
| 779.5MHz_30°C        | Pass   | 779.5M     | 779.510342M    | 777.270397M | 781.750287M | 777M             | 787M             | 0.005 | 1    | -      |
| 779.5MHz_40°C        | Pass   | 779.5M     | 779.511189M    | 777.274528M | 781.747849M | 777M             | 787M             | 0.008 | 1    | -      |
| 779.5MHz_50°C        | Pass   | 779.5M     | 779.518735M    | 777.275154M | 781.762315M | 777M             | 787M             | 0.003 | 1    | -      |
| 779.5MHz_126.5V      | Pass   | 779.5M     | 779.521397M    | 777.288575M | 781.754219M | 777M             | 787M             | 0.005 | 1    | -      |
| 779.5MHz_93.5V       | Pass   | 779.5M     | 779.527374M    | 777.281582M | 781.773166M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_-30°C       | Pass   | 784.5M     | 784.502203M    | 782.261854M | 786.742553M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_-20°C       | Pass   | 784.5M     | 784.502833M    | 782.257106M | 786.74856M  | 777M             | 787M             | 0.006 | 1    | -      |
| 784.5MHz_-10°C       | Pass   | 784.5M     | 784.506739M    | 782.255306M | 786.758172M | 777M             | 787M             | 0.006 | 1    | -      |



## Frequency Stability Results

## Appendix F.8

| Mode            | Result | Ch<br>(Hz) | Center<br>(Hz) | Fl<br>(Hz)  | Fh<br>(Hz)  | Fl Limit<br>(Hz) | Fh Limit<br>(Hz) | ppm   | Port | Remark |
|-----------------|--------|------------|----------------|-------------|-------------|------------------|------------------|-------|------|--------|
| 784.5MHz_0°C    | Pass   | 784.5M     | 784.519458M    | 782.266964M | 786.771951M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_10°C   | Pass   | 784.5M     | 784.512496M    | 782.269527M | 786.755465M | 777M             | 787M             | 0.004 | 1    | -      |
| 784.5MHz_20°C   | Pass   | 784.5M     | 784.503371M    | 782.270011M | 786.73673M  | 777M             | 787M             | 0.004 | 1    | -      |
| 784.5MHz_30°C   | Pass   | 784.5M     | 784.506563M    | 782.263695M | 786.749432M | 777M             | 787M             | 0.004 | 1    | -      |
| 784.5MHz_40°C   | Pass   | 784.5M     | 784.507472M    | 782.260607M | 786.754338M | 777M             | 787M             | 0.004 | 1    | -      |
| 784.5MHz_50°C   | Pass   | 784.5M     | 784.508384M    | 782.260958M | 786.755809M | 777M             | 787M             | 0.005 | 1    | -      |
| 784.5MHz_126.5V | Pass   | 784.5M     | 784.517328M    | 782.270356M | 786.764301M | 777M             | 787M             | 0.004 | 1    | -      |
| 784.5MHz_93.5V  | Pass   | 784.5M     | 784.511591M    | 782.269779M | 786.753403M | 777M             | 787M             | 0.005 | 1    | -      |