



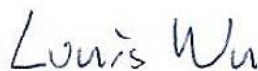
# FCC RADIO TEST REPORT

**FCC ID** : 2AJN7-TP00145D  
**Equipment** : Notebook Computer  
**Brand Name** : Lenovo  
**Model Name** : TP00170A  
**Series Model** : TP00170A\* (\*=0-9, A-Z, a-z, "-" or blank, for marketing use only, with no impact on compliance of product)  
**Marketing Name** : ThinkPad X1 Carbon Gen 14  
**Applicant** : LC Future Center Limited Taiwan Branch  
7F., No.780, Beian Rd., Zhongshan Dist., Taipei 104, Taiwan  
**Manufacturer** : Lenovo Ireland International Limited  
Viscount House, 6/7 Fitzwilliam Square East, Dublin, D02 Y447, Ireland  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

Equipment: Rolling Wireless RW101R-GL tested inside of Lenovo Notebook Computer.

The product was received on Dec. 09, 2025 and testing was performed from Jan. 20, 2026 to Jan. 28, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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



Approved by: Louis Wu

*Sporton International Inc. Wensan Laboratory*

## Table of Contents

|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>History of this test report.....</b>                      | <b>3</b>  |
| <b>Summary of Test Result.....</b>                           | <b>4</b>  |
| <b>1 General Description .....</b>                           | <b>7</b>  |
| 1.1 Product Feature of Equipment Under Test.....             | 7         |
| 1.2 Product Specification of Equipment Under Test.....       | 9         |
| 1.3 Modification of EUT .....                                | 10        |
| 1.4 Testing Location .....                                   | 11        |
| 1.5 Applicable Standards.....                                | 11        |
| <b>2 Test Configuration of Equipment Under Test .....</b>    | <b>12</b> |
| 2.1 Test Mode.....                                           | 12        |
| 2.2 Connection Diagram of Test System.....                   | 13        |
| 2.3 Support Unit used in test configuration and system ..... | 13        |
| 2.4 Frequency List of Low/Middle/High Channels .....         | 14        |
| <b>3 Conducted Test Items.....</b>                           | <b>20</b> |
| 3.1 Measuring Instruments .....                              | 20        |
| 3.2 Conducted Output Power and ERP/EIRP .....                | 21        |
| <b>4 Radiated Test Items .....</b>                           | <b>22</b> |
| 4.1 Measuring Instruments .....                              | 22        |
| 4.2 Radiated Spurious Emission Measurement .....             | 24        |
| <b>5 List of Measuring Equipment.....</b>                    | <b>26</b> |
| <b>6 Measurement Uncertainty .....</b>                       | <b>28</b> |
| <b>Appendix A. Test Results of Conducted Test</b>            |           |
| <b>Appendix B. Test Results of Radiated Test</b>             |           |
| <b>Appendix C. Test Setup Photographs</b>                    |           |



## History of this test report

| Report No. | Version | Description                                                                                             | Issue Date    |
|------------|---------|---------------------------------------------------------------------------------------------------------|---------------|
| FG5D0919B  | 01      | Initial issue of report                                                                                 | Feb. 03, 2026 |
| FG5D0919B  | 02      | Revise section 1.2.<br>This report is an updated version, replacing the report issued on Feb. 03, 2026. | Feb. 25, 2026 |
|            |         |                                                                                                         |               |
|            |         |                                                                                                         |               |
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|            |         |                                                                                                         |               |
|            |         |                                                                                                         |               |
|            |         |                                                                                                         |               |
|            |         |                                                                                                         |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause                                                                       | Test Items                                                                                                                                   | Result (PASS/FAIL) | Remark   |
|---------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|
| 3.2           | §2.1046                                                                               | Conducted Output Power                                                                                                                       | Pass               | -        |
|               | §22.913 (a)(5)<br>§90.635                                                             | Effective Radiated Power<br>(Band 5) (Band 26)                                                                                               | Pass               |          |
|               | §27.50 (b)(10)<br>§27.50 (c)(10)                                                      | Effective Radiated Power<br>(Band 12) (Band 13)<br>(Band 17) (Band 71)                                                                       |                    |          |
|               | §24.232 (c)<br>§27.50 (h)(2)                                                          | Equivalent Isotropic Radiated Power<br>(Band 2) (Band 25)<br>(Band 7) (Band 38) (Band 41)                                                    |                    |          |
|               | §27.50 (d)(4)                                                                         | Equivalent Isotropic Radiated Power<br>(Band 4) (Band 66)                                                                                    |                    |          |
|               | §27.50 (a)(3)                                                                         | Equivalent Isotropic Radiated Power<br>(Band 30)                                                                                             |                    |          |
|               | §90.542 (a)(7)                                                                        | Effective Radiated Power<br>(Band 14)                                                                                                        |                    |          |
| -             | §24.232 (d)<br>§27.50 (d)(5)                                                          | Peak-to-Average Ratio                                                                                                                        | Pass               | See Note |
| -             | §2.1049                                                                               | Occupied Bandwidth                                                                                                                           | Pass               | See Note |
| -             | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)(4)<br>§27.53 (g)<br>§27.53 (h) | Conducted Band Edge Measurement<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71) | Pass               | See Note |
|               | §2.1051<br>§27.53 (m)(4)                                                              | Conducted Band Edge Measurement<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |          |
|               | §2.1051<br>§27.53 (a)(4)                                                              | Conducted Band Edge Measurement<br>(Band 30)                                                                                                 |                    |          |
|               | §2.1051<br>§90.543 (e)(2)                                                             | Conducted Band Edge Measuremen<br>(Band 14)                                                                                                  |                    |          |
| -             | §2.1051<br>§90.210 (n)                                                                | Emission Mask<br>(Band 14)                                                                                                                   | Pass               | See Note |
|               | §2.1051<br>§90.691                                                                    | Emission masks<br>(Band 26)                                                                                                                  |                    |          |

| Report Clause                                                                                                                                                                | Ref Std. Clause                                                                                             | Test Items                                                                                                                               | Result (PASS/FAIL) | Remark   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|
| -                                                                                                                                                                            | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (g)<br>§27.53 (h)<br>§90.691               | Conducted Spurious Emission<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71) | Pass               | See Note |
|                                                                                                                                                                              | §2.1051<br>§27.53 (m)(4)                                                                                    | Conducted Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |          |
|                                                                                                                                                                              | §2.1051<br>§27.53 (a)(4)                                                                                    | Conducted Spurious Emission<br>(Band 30)                                                                                                 |                    |          |
|                                                                                                                                                                              | §2.1051<br>§90.543 (e)(3)                                                                                   | Conducted Spurious Emission<br>(Band 14)                                                                                                 |                    |          |
| -                                                                                                                                                                            | §2.1055<br>§22.355<br>§24.235<br>§27.54<br>§90.539 (e)<br>§90.213                                           | Frequency Stability<br>Temperature & Voltage                                                                                             | Pass               | See Note |
| 4.2                                                                                                                                                                          | §2.1053<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (f)<br>§27.53 (g)<br>§27.53 (h)<br>§90.691 | Radiated Spurious Emission<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71)  | Pass               | -        |
|                                                                                                                                                                              | §2.1053<br>§27.53 (m)(4)                                                                                    | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                               |                    |          |
|                                                                                                                                                                              | §2.1053<br>§27.53 (a)(4)                                                                                    | Radiated Spurious Emission<br>(Band 30)                                                                                                  |                    |          |
|                                                                                                                                                                              | §2.1053<br>§90.543 (e)(3)<br>§90.543 (f)                                                                    | Radiated Spurious Emission<br>(Band 14)                                                                                                  |                    |          |
| <b>Note:</b>                                                                                                                                                                 |                                                                                                             |                                                                                                                                          |                    |          |
| 1. For host device, Radiated Spurious Emission, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and comply with the limit in this test report. |                                                                                                             |                                                                                                                                          |                    |          |
| 2. For host device, the Conducted Output Power is no difference after compared to module (Model: RW101R-GL)                                                                  |                                                                                                             |                                                                                                                                          |                    |          |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Sheng Kuo**

**Report Producer: Freda Wu**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Notebook Computer                                                                                                                                                                                |
| Brand Name                      | Lenovo                                                                                                                                                                                           |
| Model Name                      | TP00170A                                                                                                                                                                                         |
| Sample 1                        | AWAN Antenna                                                                                                                                                                                     |
| Sample 2                        | Amphenol Antenna                                                                                                                                                                                 |
| Integrated WLAN Module          | Brand Name: Intel<br>Model Name: BE211D2W<br>FCC ID: PD9BE211D2                                                                                                                                  |
| Integrated NFC Module           | Brand Name: Foxconn<br>Model Name: T77H747<br>FCC ID: MCLT77H747                                                                                                                                 |
| EUT supports Radios application | WCDMA/HSPA/LTE/GNSS/NFC<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>WLAN 11be EHT20/ EHT40/EHT80/EHT160/EHT320<br>Bluetooth BR/EDR/LE |
| EUT Stage                       | Production Unit                                                                                                                                                                                  |

**Remark:**

1. The above EUT's information was declared by manufacturer.
2. Equipment: Rolling Wireless RW101R-GL tested inside of Lenovo Notebook Computer.

| Support band and evaluated information |                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported band                         | B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71                                                                                                                                                                                                                                                                       |
| Evaluated and Tested band              | B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71                                                                                                                                                                                                                                                                       |
| Band covered information               | RSE frequency band range covers another band when the power is worse as follows:<br><div> <div>■</div> B26 cover B5 (Part 22H) </div> <div> <div>■</div> B25 cover B2 (Part 24) </div> <div> <div>■</div> B12 cover B17 (Part 27) </div> <div> <div>■</div> B41 cover B38 (Part 27) </div> <div> <div>■</div> B66 cover B4 (Part 27) </div> |

| TDD band Power Class |     |     |
|----------------------|-----|-----|
|                      | PC3 | PC2 |
| <b>B38</b>           | V   | -   |
| <b>B41</b>           | V   | -   |

| Antenna information |                    |                |             |            |
|---------------------|--------------------|----------------|-------------|------------|
| Band                | Main<br>(Amphenol) | Main<br>(AWAN) | Main Ant. # | Sub Ant. # |
| B5                  | -0.38              | -0.38          | Main        | -          |
| B12                 | -1.66              | -1.86          | Main        | -          |
| B13                 | -0.87              | -0.83          | Main        | -          |
| B14                 | -0.24              | -0.08          | Main        | -          |
| B17                 | -2.01              | -1.95          | Main        | -          |
| B26                 | -0.38              | -0.33          | Main        | -          |
| B71                 | -1.62              | -1.54          | Main        | -          |
| B2                  | 1.21               | 1.17           | Main        | -          |
| B4                  | 0.66               | 0.68           | Main        | -          |
| B7                  | -4.51              | -4.50          | Main        | -          |
| B25                 | 1.16               | 1.29           | Main        | -          |
| B30                 | -1.38              | -1.41          | Main        | -          |
| B38                 | -4.55              | -4.58          | Main        | -          |
| B41                 | -4.16              | -4.32          | Main        | -          |
| B66                 | 0.95               | 1.08           | Main        | -          |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Product Specification of Equipment Under Test

| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tx Frequency</b>                               | LTE Band 2: 1850 MHz ~ 1910 MHz<br>LTE Band 4: 1710 MHz ~ 1755 MHz<br>LTE Band 5: 824 MHz ~ 849 MHz<br>LTE Band 7: 2500 MHz ~ 2570 MHz<br>LTE Band 12: 699 MHz ~ 716MHz<br>LTE Band 13: 777 MHz ~ 787 MHz<br>LTE Band 14: 788 MHz ~ 798 MHz<br>LTE Band 17: 704 MHz ~ 716 MHz<br>LTE Band 25: 1850MHz ~ 1915 MHz<br>LTE Band 26 (Part22H): 824 MHz ~ 849 MHz<br>LTE Band 26 (Part90S): 814 MHz ~ 824 MHz<br>LTE Band 30: 2305 MHz ~ 2315 MHz<br>LTE Band 38: 2570 MHz ~ 2620MHz<br>LTE Band 41: 2496 MHz ~ 2690 MHz<br>LTE Band 66: 1710 MHz ~ 1780 MHz<br>LTE Band 71: 663 MHz ~ 698 MHz                                                                                                            |
| <b>Rx Frequency</b>                               | LTE Band 2: 1930 MHz ~ 1990 MHz<br>LTE Band 4: 2110 MHz ~ 2155 MHz<br>LTE Band 5: 869 MHz ~ 894 MHz<br>LTE Band 7: 2620 MHz ~ 2690 MHz<br>LTE Band 12: 729 MHz ~ 746MHz<br>LTE Band 13: 746 MHz ~ 756 MHz<br>LTE Band 14: 758 MHz ~ 786 MHz<br>LTE Band 17: 734 MHz ~ 746 MHz<br>LTE Band 25: 1930MHz ~ 1995 MHz<br>LTE Band 26 (Part22H): 869 MHz ~ 894 MHz<br>LTE Band 26 (Part90S): 859 MHz ~ 869 MHz<br>LTE Band 30: 2350 MHz ~ 2360 MHz<br>LTE Band 38: 2570 MHz ~ 2620MHz<br>LTE Band 41: 2496 MHz ~ 2690 MHz<br>LTE Band 66: 2110 MHz ~ 2200 MHz<br>LTE Band 71: 617 MHz ~ 652 MHz                                                                                                            |
| <b>Bandwidth</b>                                  | LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 7: 5MHz/ 10MHz / 15MHz / 20MHz<br>LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 13: 5MHz / 10MHz<br>LTE Band 14: 5MHz / 10MHz<br>LTE Band 17 : 5MHz / 10MHz<br>LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz<br>LTE Band 30 : 5MHz / 10MHz<br>LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz |

| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum Output Power to Antenna</b>            | LTE Band 2 : 23.19 dBm<br>LTE Band 4 : 23.05 dBm<br>LTE Band 5 : 23.99 dBm<br>LTE Band 7 : 22.94 dBm<br>LTE Band 12 : 23.79 dBm<br>LTE Band 13 : 23.76 dBm<br>LTE Band 14 : 23.59 dBm<br>LTE Band 17 : 23.68 dBm<br>LTE Band 25 : 23.26 dBm<br>LTE Band 26 : 24.11 dBm for Part22H<br>LTE Band 26 : 24.00 dBm for Part90S<br>LTE Band 30 : 22.08 dBm<br>LTE Band 38 : 23.10 dBm<br>LTE Band 41 : 23.11 dBm<br>LTE Band 66 : 22.84 dBm<br>LTE Band 71 : 23.87 dBm |
| <b>Type of Modulation</b>                         | QPSK / 16QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### 1.3 Modification of EUT

No modifications made to the EUT during the testing.

## 1.4 Testing Location

|                              |                                                                                 |               |
|------------------------------|---------------------------------------------------------------------------------|---------------|
| <b>Test Site</b>             | Sporton International Inc. Wensan Laboratory                                    |               |
| <b>Test Site Location</b>    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010 |               |
| <b>Test Site No.</b>         | <b>Sporton Site No.</b>                                                         |               |
|                              | 03CH13-HY                                                                       | TH05-HY       |
| <b>Test Engineer</b>         | Rain Lee, Jacky Hung and White Hou                                              | Wei Shun Hung |
| <b>Temperature (°C)</b>      | 20~26                                                                           | 22.3~22.9     |
| <b>Relative Humidity (%)</b> | 40~65                                                                           | 53.2~55.5     |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW3786

## 1.5 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

### Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in Notebook Type, and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures. Only the worst case emissions were reported in this report.

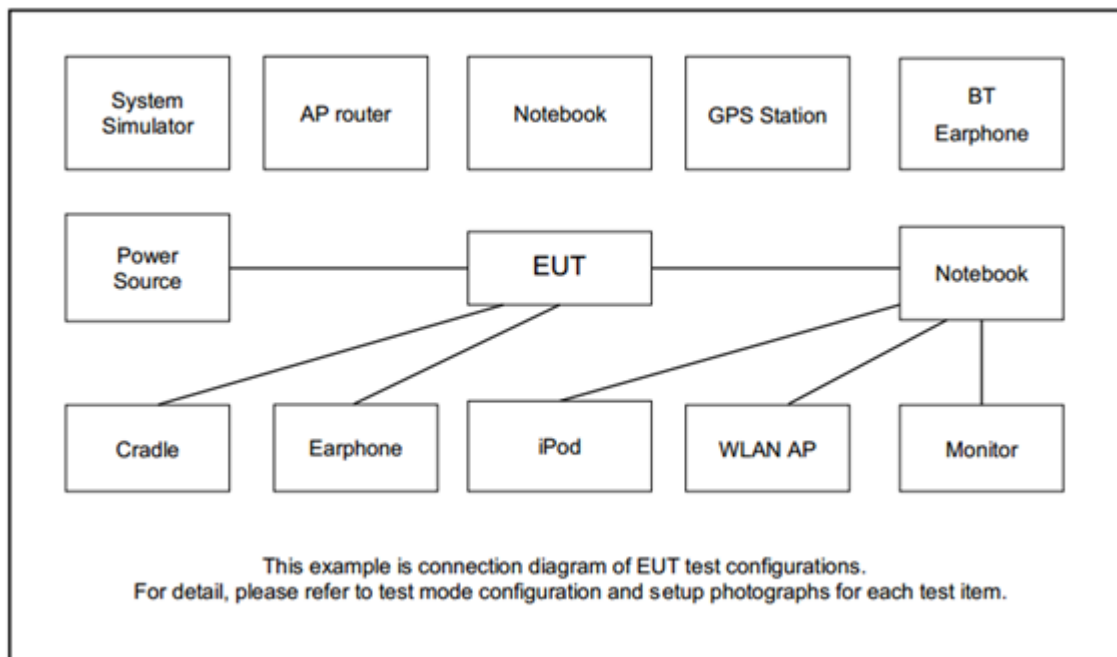
| Modulation Type | Modulation |
|-----------------|------------|
| A               | QPSK       |
| B               | 16QAM      |

| Test Item       | Modulation Type | Bandwidth      | RB Size       | Channel |
|-----------------|-----------------|----------------|---------------|---------|
| Conducted Power | A, B            | All            | 1, Half, Full | L, M, H |
| EIRP/ ERP       | A, B            | All            | 1, Half, Full | L, M, H |
| RSE             | A               | 20 MHz or less | 1RB           | L, M, H |

**Remark:**

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. During the RSE preliminary test, the standalone mode and charging modes were verified. It is determined that the charging modes is the worst case for the official test.

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration and system

| Item | Equipment        | Brand Name | Model No.  | FCC ID | Data Cable      | Power Cord        |
|------|------------------|------------|------------|--------|-----------------|-------------------|
| 1.   | System Simulator | Anritsu    | MT8821C    | N/A    | N/A             | Unshielded, 1.8 m |
| 2.   | Earphone         | SONY       | MDR-EX15LP | N/A    | Shielded, 1.2 m | N/A               |

## 2.4 Frequency List of Low/Middle/High Channels

| LTE Band 2 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                    | Channel                | 18700  | 18900  | 19100   |
|                                       | Frequency              | 1860   | 1880   | 1900    |
| 15                                    | Channel                | 18675  | 18900  | 19125   |
|                                       | Frequency              | 1857.5 | 1880   | 1902.5  |
| 10                                    | Channel                | 18650  | 18900  | 19150   |
|                                       | Frequency              | 1855   | 1880   | 1905    |
| 5                                     | Channel                | 18625  | 18900  | 19175   |
|                                       | Frequency              | 1852.5 | 1880   | 1907.5  |
| 3                                     | Channel                | 18615  | 18900  | 19185   |
|                                       | Frequency              | 1851.5 | 1880   | 1908.5  |
| 1.4                                   | Channel                | 18607  | 18900  | 19193   |
|                                       | Frequency              | 1850.7 | 1880   | 1909.3  |

| LTE Band 4 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                    | Channel                | 20050  | 20175  | 20300   |
|                                       | Frequency              | 1720   | 1732.5 | 1745    |
| 15                                    | Channel                | 20025  | 20175  | 20325   |
|                                       | Frequency              | 1717.5 | 1732.5 | 1747.5  |
| 10                                    | Channel                | 20000  | 20175  | 20350   |
|                                       | Frequency              | 1715   | 1732.5 | 1750    |
| 5                                     | Channel                | 19975  | 20175  | 20375   |
|                                       | Frequency              | 1712.5 | 1732.5 | 1752.5  |
| 3                                     | Channel                | 19965  | 20175  | 20385   |
|                                       | Frequency              | 1711.5 | 1732.5 | 1753.5  |
| 1.4                                   | Channel                | 19957  | 20175  | 20393   |
|                                       | Frequency              | 1710.7 | 1732.5 | 1754.3  |

| LTE Band 5 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                    | Channel                | 20450  | 20525  | 20600   |
|                                       | Frequency              | 829    | 836.5  | 844     |
| 5                                     | Channel                | 20425  | 20525  | 20625   |
|                                       | Frequency              | 826.5  | 836.5  | 846.5   |
| 3                                     | Channel                | 20415  | 20525  | 20635   |
|                                       | Frequency              | 825.5  | 836.5  | 847.5   |
| 1.4                                   | Channel                | 20407  | 20525  | 20643   |
|                                       | Frequency              | 824.7  | 836.5  | 848.3   |

| LTE Band 7 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                    | Channel                | 20850  | 21100  | 21350   |
|                                       | Frequency              | 2510   | 2535   | 2560    |
| 15                                    | Channel                | 20825  | 21100  | 21375   |
|                                       | Frequency              | 2507.5 | 2535   | 2562.5  |
| 10                                    | Channel                | 20800  | 21100  | 21400   |
|                                       | Frequency              | 2505   | 2535   | 2565    |
| 5                                     | Channel                | 20775  | 21100  | 21425   |
|                                       | Frequency              | 2502.5 | 2535   | 2567.5  |

| LTE Band 12 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | 23060  | 23095  | 23130   |
|                                        | Frequency              | 704    | 707.5  | 711     |
| 5                                      | Channel                | 23035  | 23095  | 23155   |
|                                        | Frequency              | 701.5  | 707.5  | 713.5   |
| 3                                      | Channel                | 23025  | 23095  | 23165   |
|                                        | Frequency              | 700.5  | 707.5  | 714.5   |
| 1.4                                    | Channel                | 23017  | 23095  | 23173   |
|                                        | Frequency              | 699.7  | 707.5  | 715.3   |

| LTE Band 13 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 23230  | -       |
|                                        | Frequency              | -      | 782    | -       |
| 5                                      | Channel                | 23205  | 23230  | 23255   |
|                                        | Frequency              | 779.5  | 782    | 784.5   |

| LTE Band 14 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 23330  | -       |
|                                        | Frequency              | -      | 793    | -       |
| 5                                      | Channel                | 23305  | 23330  | 23355   |
|                                        | Frequency              | 790.5  | 793    | 795.5   |

| LTE Band 17 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | 23780  | 23790  | 23800   |
|                                        | Frequency              | 709    | 710    | 711     |
| 5                                      | Channel                | 23755  | 23790  | 23825   |
|                                        | Frequency              | 706.5  | 710    | 713.5   |

| LTE Band 25 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 26140  | 26340  | 26590   |
|                                        | Frequency              | 1860   | 1880   | 1905    |
| 15                                     | Channel                | 26115  | 26340  | 26615   |
|                                        | Frequency              | 1857.5 | 1880   | 1907.5  |
| 10                                     | Channel                | 26090  | 26340  | 26640   |
|                                        | Frequency              | 1855   | 1880   | 1910    |
| 5                                      | Channel                | 26065  | 26340  | 26665   |
|                                        | Frequency              | 1852.5 | 1880   | 1912.5  |
| 3                                      | Channel                | 26055  | 26340  | 26675   |
|                                        | Frequency              | 1851.5 | 1880   | 1913.5  |
| 1.4                                    | Channel                | 26047  | 26340  | 26683   |
|                                        | Frequency              | 1850.7 | 1880   | 1914.3  |

| LTE Band 26 Channel and Frequency List (Part22H) |                        |        |        |         |
|--------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                         | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 15                                               | Channel                | 26865  | 26915  | 26965   |
|                                                  | Frequency              | 831.5  | 836.5  | 841.5   |
| 10                                               | Channel                | 26840  | 26915  | 26990   |
|                                                  | Frequency              | 829.0  | 836.5  | 844.0   |
| 5                                                | Channel                | 26815  | 26915  | 27015   |
|                                                  | Frequency              | 826.5  | 836.5  | 846.5   |
| 3                                                | Channel                | 26805  | 26915  | 27025   |
|                                                  | Frequency              | 825.5  | 836.5  | 847.5   |
| 1.4                                              | Channel                | 26797  | 26915  | 27033   |
|                                                  | Frequency              | 824.7  | 836.5  | 848.3   |

| LTE Band 26 Channel and Frequency List (Part90 S) |                        |        |        |         |
|---------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                          | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                                | Channel                | -      | 26740  | -       |
|                                                   | Frequency              | -      | 819    | -       |
| 5                                                 | Channel                | 26715  | 26740  | 26765   |
|                                                   | Frequency              | 816.5  | 819    | 821.5   |
| 3                                                 | Channel                | 26705  | 26740  | 26775   |
|                                                   | Frequency              | 815.5  | 819    | 822.5   |
| 1.4                                               | Channel                | 26697  | 26740  | 26783   |
|                                                   | Frequency              | 814.7  | 819    | 823.3   |

| LTE Band 26 Channel and Frequency List (Part90 S) |                        |                     |       |   |
|---------------------------------------------------|------------------------|---------------------|-------|---|
| BW [MHz]                                          | Channel/Frequency(MHz) | cross-rule channels |       |   |
| 15                                                | Channel                | 26765               | 26790 | - |
|                                                   | Frequency              | 821.5               | 824   | - |
| 10                                                | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 5                                                 | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 3                                                 | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 1.4                                               | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |

| LTE Band 30 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 27710  | -       |
|                                        | Frequency              | -      | 2310   | -       |
| 5                                      | Channel                | 27685  | 27710  | 27735   |
|                                        | Frequency              | 2307.5 | 2310   | 2312.5  |

| LTE Band 38 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 37850  | 38000  | 38150   |
|                                        | Frequency              | 2580.0 | 2595.0 | 2610.0  |
| 15                                     | Channel                | 37825  | 38000  | 38175   |
|                                        | Frequency              | 2577.5 | 2595.0 | 2612.5  |
| 10                                     | Channel                | 37800  | 38000  | 38200   |
|                                        | Frequency              | 2575.0 | 2595.0 | 2615.0  |
| 5                                      | Channel                | 37775  | 38000  | 38225   |
|                                        | Frequency              | 2572.5 | 2595.0 | 2617.5  |

| LTE Band 41 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 39750  | 40620  | 41490   |
|                                        | Frequency              | 2506.0 | 2593.0 | 2680.0  |
| 15                                     | Channel                | 39725  | 40620  | 41515   |
|                                        | Frequency              | 2503.5 | 2593.0 | 2682.5  |
| 10                                     | Channel                | 39700  | 40620  | 41540   |
|                                        | Frequency              | 2501.0 | 2593.0 | 2685.0  |
| 5                                      | Channel                | 39675  | 40620  | 41565   |
|                                        | Frequency              | 2498.5 | 2593.0 | 2687.5  |

| LTE Band 66 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 132072 | 132322 | 132572  |
|                                        | Frequency              | 1720   | 1745   | 1770    |
| 15                                     | Channel                | 132047 | 132322 | 132597  |
|                                        | Frequency              | 1717.5 | 1745   | 1772.5  |
| 10                                     | Channel                | 132022 | 132322 | 132622  |
|                                        | Frequency              | 1715   | 1745   | 1775    |
| 5                                      | Channel                | 131997 | 132322 | 132647  |
|                                        | Frequency              | 1712.5 | 1745   | 1777.5  |
| 3                                      | Channel                | 131987 | 132322 | 132657  |
|                                        | Frequency              | 1711.5 | 1745   | 1778.5  |
| 1.4                                    | Channel                | 131979 | 132322 | 132665  |
|                                        | Frequency              | 1710.7 | 1745   | 1779.3  |

| LTE Band 71 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 133222 | 133297 | 133372  |
|                                        | Frequency              | 673.0  | 680.5  | 688.0   |
| 15                                     | Channel                | 133197 | 133297 | 133397  |
|                                        | Frequency              | 670.5  | 680.5  | 690.5   |
| 10                                     | Channel                | 133172 | 133297 | 133422  |
|                                        | Frequency              | 668.0  | 680.5  | 693.0   |
| 5                                      | Channel                | 133147 | 133297 | 133447  |
|                                        | Frequency              | 665.5  | 680.5  | 695.5   |

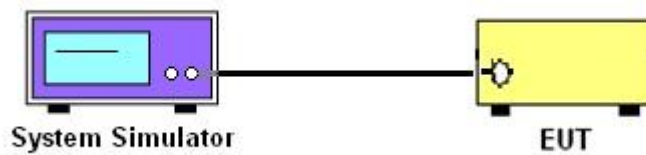
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

##### 3.1.2 Conducted Output Power



##### 3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

## 3.2 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

The output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38, Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$ ,  $ERP = EIRP - 2.15$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

### 3.2.2 Test Procedures

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

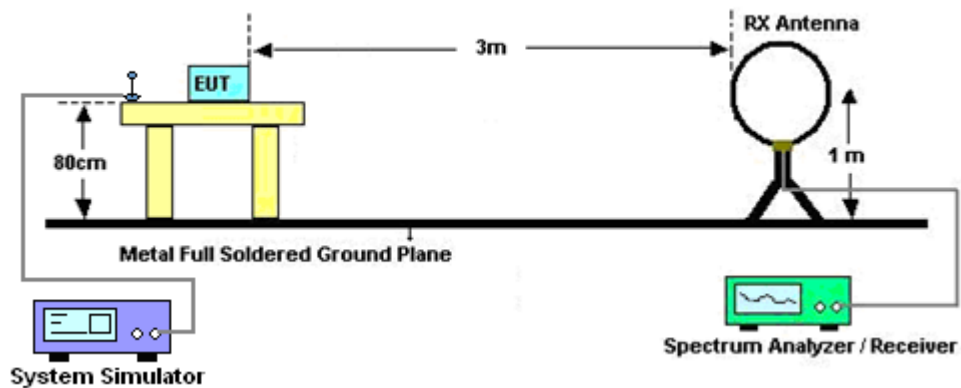
## 4 Radiated Test Items

### 4.1 Measuring Instruments

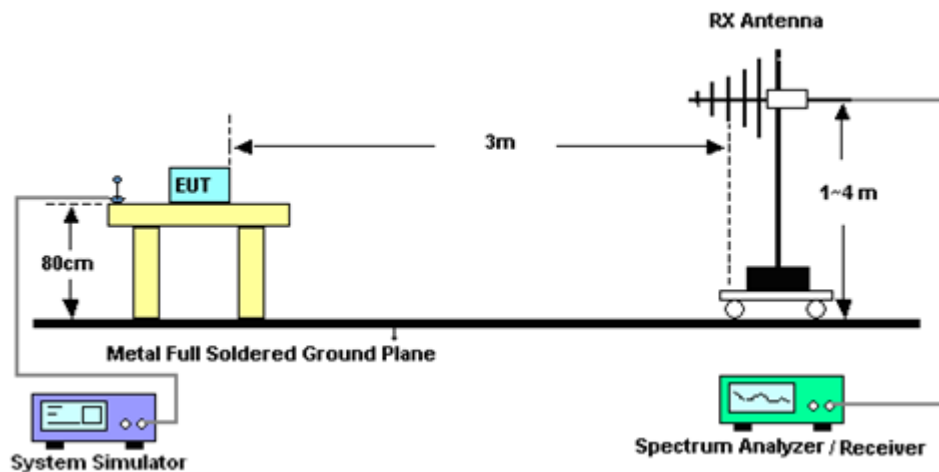
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

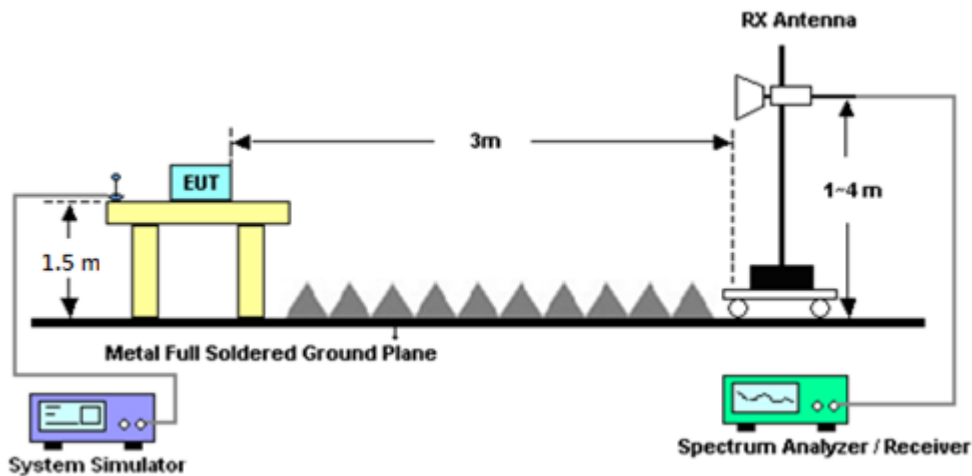
For radiated test below 30MHz



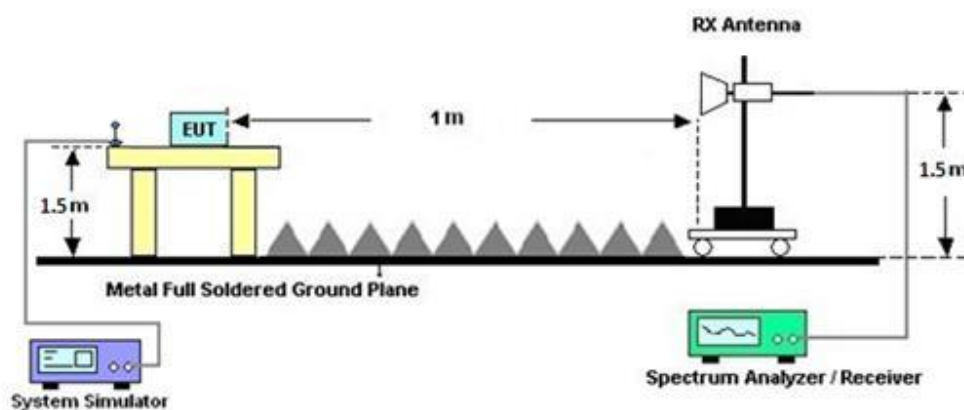
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



#### 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

##### Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

## 4.2 Radiated Spurious Emission Measurement

### 4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For LTE Band 7, 38, 41

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

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 30

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  $70 + 10 \log (P)$  dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

#### 4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

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. To convert spectrum reading E(dBuV/m) to EIRP(dBm)  
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



## 5 List of Measuring Equipment

| Instrument                             | Brand Name        | Model No.                           | Serial No.            | Characteristics                  | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------------------------|-------------------|-------------------------------------|-----------------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Loop Antenna                           | Rohde & Schwarz   | HFH2-Z2E                            | 101108                | 9 kHz~30 MHz                     | Dec. 11, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Dec. 10, 2026 | Radiation<br>(03CH13-HY) |
| RF Cable                               | HUBER +<br>SUHNER | SUCOFLEX<br>102                     | 803951/2              | 9K~30M                           | Mar. 05, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Mar. 04, 2026 | Radiation<br>(03CH13-HY) |
| Amplifier                              | SONOMA            | 310N                                | 187282                | 9kHz~1GHz                        | Dec. 11, 2024    | Jan. 20, 2026~<br>Jan. 26, 2026 | Dec. 10, 2026 | Radiation<br>(03CH13-HY) |
| Bilog Antenna                          | TESEQ             | CBL 6111D &<br>00800N1D01N<br>-06   | 40103 & 07            | 30MHz~1GHz                       | Apr. 13, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Apr. 12, 2026 | Radiation<br>(03CH13-HY) |
| EXA Signal<br>Analyzer                 | Keysight          | N9010A                              | MY55370526            | 10Hz~44GHz                       | Dec. 05, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Dec. 04, 2026 | Radiation<br>(03CH13-HY) |
| Hygrometer                             | TECPEL            | DTM-303A                            | TP215159              | N/A                              | Sep. 08, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Sep. 07, 2026 | Radiation<br>(03CH13-HY) |
| Preamplifier                           | MITEQ             | AMF-7D-0010<br>1800-30-10P          | 1590074               | 1GHz~18GHz                       | May 14, 2025     | Jan. 20, 2026~<br>Jan. 26, 2026 | May 13, 2026  | Radiation<br>(03CH13-HY) |
| Preamplifier                           | EM Electronics    | EM01G18G                            | 060803                | 1GHz-18GHz                       | Jan. 07, 2026    | Jan. 20, 2026~<br>Jan. 26, 2026 | Jan. 06, 2027 | Radiation<br>(03CH13-HY) |
| Double Ridged<br>Guide Horn<br>Antenna | SCHWARZBE<br>CK   | BBHA 9120 D                         | 9120D-1326            | 1GHz~18GHz                       | Sep. 03, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Sep. 02, 2026 | Radiation<br>(03CH13-HY) |
| Notch Filter                           | Wainwright        | WLK4-1000-15<br>30-8000-40SS        | SN12                  | 1.53GHz Low<br>Pass Filter       | Sep. 10, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Sep. 09, 2026 | Radiation<br>(03CH13-HY) |
| Notch Filter                           | Wainwright        | WHKX12-2700<br>-3000-18000-6<br>0SS | SN2                   | 3GHz High Pass<br>Filter         | Jul. 08, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Jul. 07, 2026 | Radiation<br>(03CH13-HY) |
| Notch Filter                           | Wainwright        | WHKX12-900-<br>1000-15000-6<br>0SS  | SN11                  | 1GHz High Pass<br>Filter         | Mar. 12, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Mar. 11, 2026 | Radiation<br>(03CH13-HY) |
| RF Cable                               | HUBER +<br>SUHNER | SUCOFLEX<br>102E                    | 508408-2E             | N/A                              | Jun. 16, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Jun. 15, 2026 | Radiation<br>(03CH13-HY) |
| RF Cable                               | HUBER +<br>SUHNER | SUCOFLEX<br>126E                    | 0030/126E             | 30MHz~18GHz                      | Feb. 06, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Feb. 05, 2026 | Radiation<br>(03CH13-HY) |
| RF Cable                               | HUBER +<br>SUHNER | SUCOFLEX<br>104                     | MY24961/4             | 30MHz~18GHz                      | Feb. 06, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Feb. 05, 2026 | Radiation<br>(03CH13-HY) |
| Controller                             | EMEC              | EM1000                              | N/A                   | Control Turn<br>table & Ant Mast | N/A              | Jan. 20, 2026~<br>Jan. 26, 2026 | N/A           | Radiation<br>(03CH13-HY) |
| Antenna Mast                           | EMEC              | AM-BS-4500-B                        | N/A                   | 1m~4m                            | N/A              | Jan. 20, 2026~<br>Jan. 26, 2026 | N/A           | Radiation<br>(03CH13-HY) |
| Turn Table                             | EMEC              | TT2000                              | N/A                   | 0~360 Degree                     | N/A              | Jan. 20, 2026~<br>Jan. 26, 2026 | N/A           | Radiation<br>(03CH13-HY) |
| Software                               | Audix             | N/A                                 | RK-002392             | N/A                              | N/A              | Jan. 20, 2026~<br>Jan. 26, 2026 | N/A           | Radiation<br>(03CH13-HY) |
| Horn Antenna                           | SCHWARZBE<br>CK   | BBHA 9170                           | 1224                  | 18GHz-40GHz                      | Jul. 02, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Jul. 01, 2026 | Radiation<br>(03CH13-HY) |
| Preamplifier                           | EMEC              | EM18G40G                            | 060801                | 18GHz~40GHz                      | May 26, 2025     | Jan. 20, 2026~<br>Jan. 26, 2026 | May 25, 2026  | Radiation<br>(03CH13-HY) |
| RF Cable                               | HUBER +<br>SUHNER | SUCOFLEX<br>102                     | 804011/2,804<br>012/2 | 18GHz-40GHz                      | Dec. 18, 2025    | Jan. 20, 2026~<br>Jan. 26, 2026 | Dec. 17, 2026 | Radiation<br>(03CH13-HY) |



| Instrument                   | Brand Name      | Model No.                | Serial No. | Characteristics                     | Calibration Date | Test Date     | Due Date      | Remark              |
|------------------------------|-----------------|--------------------------|------------|-------------------------------------|------------------|---------------|---------------|---------------------|
| Radio Communication Analyzer | Anritsu         | MT8821C                  | 6262025341 | LTE FDD/TDD<br>LTE-2CC<br>ULCA/DLCA | Sep. 16, 2025    | Jan. 28, 2026 | Sep. 15, 2026 | Conducted (TH05-HY) |
| DC Power Supply              | GW Instek       | GPE-2323                 | GET861546  | 0V~64V ; 0A~6A                      | Jun. 03, 2025    | Jan. 28, 2026 | Jun. 02, 2026 | Conducted (TH05-HY) |
| Coupler                      | MVE             | MVE4816                  | #Y         | 0.5~18GHz                           | Oct. 16, 2025    | Jan. 28, 2026 | Oct. 15, 2026 | Conducted (TH05-HY) |
| Spectrum Analyzer            | Rohde & Schwarz | FSV40                    | 101907     | 10Hz~40GHz                          | Aug. 25, 2025    | Jan. 28, 2026 | Aug. 24, 2026 | Conducted (TH05-HY) |
| Thermal Chamber              | ESPEC           | SU-241                   | 92003713   | -30°C ~95°C                         | May 12, 2025     | Jan. 28, 2026 | May 11, 2026  | Conducted (TH05-HY) |
| Power divider                | Anritsu         | K241C                    | 2143398    | 9KHz~40GHz                          | Jun. 13, 2025    | Jan. 28, 2026 | Jun. 12, 2026 | Conducted (TH05-HY) |
| Software                     | Sporton         | LTE Conducted Test Tools | N/A        | Conducted Test Item                 | N/A              | Jan. 28, 2026 | N/A           | Conducted (TH05-HY) |
| Hygrometer                   | TECEPEL         | DTM-303B                 | TP200886   | -10 ~ 50°C / 20 ~ 95%RH             | Mar. 03, 2025    | Jan. 28, 2026 | Mar. 02, 2026 | Conducted (TH05-HY) |

## 6 Measurement Uncertainty

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.2 dB |
|-------------------------------------------------------------------------|--------|

## Appendix A. Test Results of Conducted Test

### Conducted Output Power (Average power and ERI/EIRP)

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.92  | 23.05  | 23.02   | 24.26      | 0.2667   |
| 20                                                         | 1         | 49        |        | 22.75  | 22.91  | 22.89   |            |          |
| 20                                                         | 1         | 99        |        | 22.52  | 22.64  | 22.59   |            |          |
| 20                                                         | 50        | 0         |        | 22.14  | 22.26  | 22.20   |            |          |
| 20                                                         | 50        | 24        |        | 22.06  | 22.24  | 22.19   |            |          |
| 20                                                         | 50        | 50        |        | 22.02  | 22.10  | 22.12   |            |          |
| 20                                                         | 100       | 0         |        | 21.84  | 21.99  | 21.96   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 22.44  | 22.59  | 22.49   | 23.80      | 0.2399   |
| 20                                                         | 1         | 49        |        | 22.23  | 22.40  | 22.42   |            |          |
| 20                                                         | 1         | 99        |        | 22.15  | 22.25  | 22.28   |            |          |
| 20                                                         | 50        | 0         |        | 21.20  | 21.27  | 21.27   |            |          |
| 20                                                         | 50        | 24        |        | 21.12  | 21.31  | 21.26   |            |          |
| 20                                                         | 50        | 50        |        | 20.96  | 21.08  | 21.12   |            |          |
| 20                                                         | 100       | 0         |        | 21.00  | 21.11  | 21.02   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.86  | 22.99  | 22.89   | 24.20      | 0.2630   |
| 15                                                         | 1         | 37        |        | 22.61  | 22.78  | 22.77   |            |          |
| 15                                                         | 1         | 74        |        | 22.50  | 22.55  | 22.53   |            |          |
| 15                                                         | 36        | 0         |        | 22.06  | 22.25  | 22.18   |            |          |
| 15                                                         | 36        | 20        |        | 21.95  | 22.14  | 22.08   |            |          |
| 15                                                         | 36        | 39        |        | 21.91  | 22.09  | 22.01   |            |          |
| 15                                                         | 75        | 0         |        | 21.80  | 21.90  | 21.91   |            |          |
| 15                                                         | 1         | 0         | 16-QAM | 22.43  | 22.51  | 22.38   | 23.72      | 0.2355   |
| 15                                                         | 1         | 37        |        | 22.18  | 22.27  | 22.36   |            |          |
| 15                                                         | 1         | 74        |        | 22.06  | 22.20  | 22.20   |            |          |
| 15                                                         | 36        | 0         |        | 21.11  | 21.17  | 21.19   |            |          |
| 15                                                         | 36        | 20        |        | 21.06  | 21.18  | 21.23   |            |          |
| 15                                                         | 36        | 39        |        | 20.90  | 21.07  | 21.04   |            |          |
| 15                                                         | 75        | 0         |        | 20.90  | 21.00  | 20.88   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.77  | 23.01  | 22.99   | 24.22      | 0.2642   |
| 10                                                         | 1         | 25        |        | 22.72  | 22.81  | 22.80   |            |          |
| 10                                                         | 1         | 49        |        | 22.39  | 22.55  | 22.49   |            |          |
| 10                                                         | 25        | 0         |        | 21.99  | 22.22  | 22.14   |            |          |
| 10                                                         | 25        | 12        |        | 22.01  | 22.10  | 22.09   |            |          |
| 10                                                         | 25        | 25        |        | 22.00  | 22.04  | 22.02   |            |          |
| 10                                                         | 50        | 0         |        | 21.81  | 21.88  | 21.88   |            |          |
| 10                                                         | 1         | 0         | 16-QAM | 22.42  | 22.51  | 22.38   | 23.72      | 0.2355   |
| 10                                                         | 1         | 25        |        | 22.11  | 22.30  | 22.31   |            |          |
| 10                                                         | 1         | 49        |        | 22.04  | 22.17  | 22.24   |            |          |
| 10                                                         | 25        | 0         |        | 21.13  | 21.24  | 21.23   |            |          |
| 10                                                         | 25        | 12        |        | 21.11  | 21.26  | 21.25   |            |          |
| 10                                                         | 25        | 25        |        | 20.94  | 20.95  | 20.99   |            |          |
| 10                                                         | 50        | 0         |        | 20.87  | 21.00  | 20.90   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.90  | 23.04  | 22.89   | 24.25      | 0.2661   |
| 5                                                          | 1         | 12        |        | 22.64  | 22.77  | 22.81   |            |          |
| 5                                                          | 1         | 24        |        | 22.45  | 22.55  | 22.52   |            |          |
| 5                                                          | 12        | 0         |        | 22.11  | 22.25  | 22.15   |            |          |
| 5                                                          | 12        | 7         |        | 21.92  | 22.15  | 22.19   |            |          |
| 5                                                          | 12        | 13        |        | 21.95  | 21.98  | 22.00   |            |          |
| 5                                                          | 25        | 0         |        | 21.74  | 21.94  | 21.95   |            |          |
| 5                                                          | 1         | 0         | 16-QAM | 22.35  | 22.49  | 22.40   | 23.70      | 0.2344   |
| 5                                                          | 1         | 12        |        | 22.20  | 22.34  | 22.30   |            |          |
| 5                                                          | 1         | 24        |        | 22.12  | 22.14  | 22.19   |            |          |
| 5                                                          | 12        | 0         |        | 21.13  | 21.18  | 21.23   |            |          |
| 5                                                          | 12        | 7         |        | 21.05  | 21.26  | 21.12   |            |          |
| 5                                                          | 12        | 13        |        | 20.86  | 20.98  | 20.99   |            |          |
| 5                                                          | 25        | 0         |        | 20.92  | 21.10  | 20.89   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK   | 22.81  | 22.97  | 22.96   | 24.18      | 0.2618   |
| 3                                                          | 1         | 8         |        | 22.72  | 22.85  | 22.78   |            |          |
| 3                                                          | 1         | 14        |        | 22.43  | 22.53  | 22.46   |            |          |
| 3                                                          | 8         | 0         |        | 22.09  | 22.17  | 22.12   |            |          |
| 3                                                          | 8         | 4         |        | 22.04  | 22.11  | 22.12   |            |          |
| 3                                                          | 8         | 7         |        | 21.87  | 22.04  | 22.07   |            |          |
| 3                                                          | 15        | 0         |        | 21.75  | 21.93  | 21.82   |            |          |
| 3                                                          | 1         | 0         | 16-QAM | 22.36  | 22.54  | 22.46   | 23.75      | 0.2371   |
| 3                                                          | 1         | 8         |        | 22.21  | 22.29  | 22.35   |            |          |
| 3                                                          | 1         | 14        |        | 22.01  | 22.11  | 22.27   |            |          |
| 3                                                          | 8         | 0         |        | 21.07  | 21.15  | 21.13   |            |          |
| 3                                                          | 8         | 4         |        | 21.00  | 21.23  | 21.17   |            |          |
| 3                                                          | 8         | 7         |        | 20.84  | 21.04  | 20.99   |            |          |
| 3                                                          | 15        | 0         |        | 20.97  | 21.04  | 20.90   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.21 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK   | 22.79  | 22.91  | 22.99   | 24.40      | 0.2754   |
| 1.4                                                        | 1         | 3         |        | 22.68  | 22.81  | 22.88   |            |          |
| 1.4                                                        | 1         | 5         |        | 22.43  | 22.60  | 22.44   |            |          |
| 1.4                                                        | 3         | 0         |        | 23.00  | 23.13  | 23.19   |            |          |
| 1.4                                                        | 3         | 1         |        | 23.00  | 23.10  | 23.14   |            |          |
| 1.4                                                        | 3         | 3         |        | 22.89  | 22.96  | 22.97   |            |          |
| 1.4                                                        | 6         | 0         |        | 21.76  | 21.93  | 21.92   |            |          |
| 1.4                                                        | 1         | 0         | 16-QAM | 22.37  | 22.45  | 22.45   | 23.66      | 0.2323   |
| 1.4                                                        | 1         | 3         |        | 22.09  | 22.27  | 22.30   |            |          |
| 1.4                                                        | 1         | 5         |        | 22.01  | 22.17  | 22.15   |            |          |
| 1.4                                                        | 3         | 0         |        | 22.17  | 22.15  | 22.22   |            |          |
| 1.4                                                        | 3         | 1         |        | 21.99  | 22.21  | 22.24   |            |          |
| 1.4                                                        | 3         | 3         |        | 21.94  | 21.93  | 22.05   |            |          |
| 1.4                                                        | 6         | 0         |        | 20.91  | 21.01  | 20.97   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.77  | 22.92  | 22.90   | 23.60      | 0.2291   |
| 20                                                         | 1         | 49        |        | 22.73  | 22.81  | 22.77   |            |          |
| 20                                                         | 1         | 99        |        | 22.53  | 22.66  | 22.66   |            |          |
| 20                                                         | 50        | 0         |        | 21.92  | 22.09  | 22.08   |            |          |
| 20                                                         | 50        | 24        |        | 21.87  | 22.07  | 22.02   |            |          |
| 20                                                         | 50        | 50        |        | 21.85  | 22.09  | 22.08   |            |          |
| 20                                                         | 100       | 0         |        | 21.97  | 22.11  | 22.10   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 21.92  | 22.12  | 22.11   | 23.01      | 0.2000   |
| 20                                                         | 1         | 49        |        | 22.17  | 22.33  | 22.24   |            |          |
| 20                                                         | 1         | 99        |        | 22.15  | 22.29  | 22.28   |            |          |
| 20                                                         | 50        | 0         |        | 21.02  | 21.16  | 21.12   |            |          |
| 20                                                         | 50        | 24        |        | 21.06  | 21.15  | 21.17   |            |          |
| 20                                                         | 50        | 50        |        | 21.06  | 21.13  | 21.11   |            |          |
| 20                                                         | 100       | 0         |        | 20.90  | 21.06  | 21.02   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.67  | 22.91  | 22.77   | 23.59      | 0.2286   |
| 15                                                         | 1         | 37        |        | 22.60  | 22.71  | 22.63   |            |          |
| 15                                                         | 1         | 74        |        | 22.44  | 22.58  | 22.53   |            |          |
| 15                                                         | 36        | 0         |        | 21.89  | 21.94  | 21.97   |            |          |
| 15                                                         | 36        | 20        |        | 21.91  | 21.98  | 22.04   |            |          |
| 15                                                         | 36        | 39        |        | 21.85  | 21.96  | 22.00   |            |          |
| 15                                                         | 75        | 0         |        | 21.89  | 22.07  | 22.08   |            |          |
| 15                                                         | 1         | 0         | 16-QAM | 21.84  | 22.05  | 22.01   | 22.94      | 0.1968   |
| 15                                                         | 1         | 37        |        | 22.06  | 22.19  | 22.15   |            |          |
| 15                                                         | 1         | 74        |        | 22.03  | 22.14  | 22.26   |            |          |
| 15                                                         | 36        | 0         |        | 20.87  | 21.04  | 21.06   |            |          |
| 15                                                         | 36        | 20        |        | 20.92  | 21.13  | 21.02   |            |          |
| 15                                                         | 36        | 39        |        | 20.95  | 21.07  | 21.02   |            |          |
| 15                                                         | 75        | 0         |        | 20.85  | 20.98  | 20.93   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.75  | 22.79  | 22.87   | 23.55      | 0.2265   |
| 10                                                         | 1         | 25        |        | 22.64  | 22.76  | 22.64   |            |          |
| 10                                                         | 1         | 49        |        | 22.47  | 22.55  | 22.61   |            |          |
| 10                                                         | 25        | 0         |        | 21.83  | 22.08  | 22.07   |            |          |
| 10                                                         | 25        | 12        |        | 21.94  | 22.04  | 22.08   |            |          |
| 10                                                         | 25        | 25        |        | 21.92  | 22.07  | 21.99   |            |          |
| 10                                                         | 50        | 0         |        | 21.85  | 22.07  | 22.06   |            |          |
| 10                                                         | 1         | 0         | 16-QAM | 21.80  | 21.98  | 22.08   | 22.88      | 0.1941   |
| 10                                                         | 1         | 25        |        | 22.09  | 22.18  | 22.14   |            |          |
| 10                                                         | 1         | 49        |        | 22.12  | 22.20  | 22.19   |            |          |
| 10                                                         | 25        | 0         |        | 20.94  | 21.14  | 20.99   |            |          |
| 10                                                         | 25        | 12        |        | 21.03  | 21.01  | 21.10   |            |          |
| 10                                                         | 25        | 25        |        | 21.02  | 21.05  | 20.98   |            |          |
| 10                                                         | 50        | 0         |        | 20.88  | 21.00  | 20.97   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.64  | 22.83  | 22.88   | 23.56      | 0.2270   |
| 5                                                          | 1         | 12        |        | 22.69  | 22.67  | 22.63   |            |          |
| 5                                                          | 1         | 24        |        | 22.51  | 22.52  | 22.61   |            |          |
| 5                                                          | 12        | 0         |        | 21.88  | 22.08  | 22.00   |            |          |
| 5                                                          | 12        | 7         |        | 21.92  | 22.05  | 22.00   |            |          |
| 5                                                          | 12        | 13        |        | 21.91  | 21.96  | 21.95   |            |          |
| 5                                                          | 25        | 0         |        | 21.85  | 22.06  | 22.05   |            |          |
| 5                                                          | 1         | 0         | 16-QAM | 21.83  | 21.97  | 21.99   | 22.94      | 0.1968   |
| 5                                                          | 1         | 12        |        | 22.11  | 22.26  | 22.17   |            |          |
| 5                                                          | 1         | 24        |        | 22.12  | 22.24  | 22.25   |            |          |
| 5                                                          | 12        | 0         |        | 20.93  | 21.11  | 21.09   |            |          |
| 5                                                          | 12        | 7         |        | 20.97  | 21.14  | 21.10   |            |          |
| 5                                                          | 12        | 13        |        | 20.95  | 21.01  | 21.09   |            |          |
| 5                                                          | 25        | 0         |        | 20.81  | 20.96  | 20.97   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK   | 22.63  | 22.85  | 22.87   | 23.55      | 0.2265   |
| 3                                                          | 1         | 8         |        | 22.62  | 22.77  | 22.74   |            |          |
| 3                                                          | 1         | 14        |        | 22.41  | 22.58  | 22.53   |            |          |
| 3                                                          | 8         | 0         |        | 21.89  | 21.95  | 21.94   |            |          |
| 3                                                          | 8         | 4         |        | 21.86  | 21.92  | 22.09   |            |          |
| 3                                                          | 8         | 7         |        | 21.80  | 21.97  | 22.06   |            |          |
| 3                                                          | 15        | 0         |        | 21.84  | 22.06  | 21.97   |            |          |
| 3                                                          | 1         | 0         | 16-QAM | 21.88  | 22.00  | 22.09   | 22.94      | 0.1968   |
| 3                                                          | 1         | 8         |        | 22.11  | 22.26  | 22.10   |            |          |
| 3                                                          | 1         | 14        |        | 22.13  | 22.19  | 22.16   |            |          |
| 3                                                          | 8         | 0         |        | 20.88  | 21.08  | 21.01   |            |          |
| 3                                                          | 8         | 4         |        | 20.95  | 21.04  | 21.12   |            |          |
| 3                                                          | 8         | 7         |        | 20.98  | 21.01  | 21.07   |            |          |
| 3                                                          | 15        | 0         |        | 20.87  | 20.98  | 20.92   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.68 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK   | 22.76  | 22.77  | 22.83   | 23.73      | 0.2360   |
| 1.4                                                        | 1         | 3         |        | 22.66  | 22.68  | 22.68   |            |          |
| 1.4                                                        | 1         | 5         |        | 22.50  | 22.57  | 22.58   |            |          |
| 1.4                                                        | 3         | 0         |        | 22.90  | 22.99  | 23.04   |            |          |
| 1.4                                                        | 3         | 1         |        | 22.87  | 22.93  | 23.00   |            |          |
| 1.4                                                        | 3         | 3         |        | 22.83  | 22.94  | 23.05   |            |          |
| 1.4                                                        | 6         | 0         |        | 21.93  | 22.10  | 21.99   |            |          |
| 1.4                                                        | 1         | 0         | 16-QAM | 21.78  | 22.05  | 22.07   | 22.94      | 0.1968   |
| 1.4                                                        | 1         | 3         |        | 22.13  | 22.26  | 22.21   |            |          |
| 1.4                                                        | 1         | 5         |        | 22.14  | 22.23  | 22.15   |            |          |
| 1.4                                                        | 3         | 0         |        | 22.01  | 22.12  | 21.99   |            |          |
| 1.4                                                        | 3         | 1         |        | 21.97  | 22.03  | 22.13   |            |          |
| 1.4                                                        | 3         | 3         |        | 22.01  | 22.06  | 22.09   |            |          |
| 1.4                                                        | 6         | 0         |        | 20.89  | 21.03  | 20.96   |            |          |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.38 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK   | 23.88  | 23.97  | 23.91   | 21.44     | 0.1393  |
| 10                                                          | 1        | 25        |        | 23.87  | 23.88  | 23.82   |           |         |
| 10                                                          | 1        | 49        |        | 23.71  | 23.82  | 23.79   |           |         |
| 10                                                          | 25       | 0         |        | 22.91  | 23.09  | 22.97   |           |         |
| 10                                                          | 25       | 12        |        | 22.83  | 22.98  | 22.92   |           |         |
| 10                                                          | 25       | 25        |        | 22.89  | 23.08  | 22.99   |           |         |
| 10                                                          | 50       | 0         |        | 22.94  | 22.98  | 22.91   |           |         |
| 10                                                          | 1        | 0         | 16-QAM | 23.22  | 23.29  | 23.23   | 20.93     | 0.1239  |
| 10                                                          | 1        | 25        |        | 23.35  | 23.46  | 23.43   |           |         |
| 10                                                          | 1        | 49        |        | 23.13  | 23.22  | 23.08   |           |         |
| 10                                                          | 25       | 0         |        | 21.92  | 22.03  | 22.02   |           |         |
| 10                                                          | 25       | 12        |        | 21.98  | 21.99  | 21.97   |           |         |
| 10                                                          | 25       | 25        |        | 21.88  | 21.95  | 21.91   |           |         |
| 10                                                          | 50       | 0         |        | 21.88  | 22.03  | 21.96   |           |         |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.38 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK   | 23.85  | 23.90  | 23.78   | 21.37     | 0.1371  |
| 5                                                           | 1        | 12        |        | 23.75  | 23.82  | 23.73   |           |         |
| 5                                                           | 1        | 24        |        | 23.58  | 23.80  | 23.65   |           |         |
| 5                                                           | 12       | 0         |        | 22.79  | 22.94  | 22.88   |           |         |
| 5                                                           | 12       | 7         |        | 22.79  | 22.88  | 22.82   |           |         |
| 5                                                           | 12       | 13        |        | 22.85  | 22.99  | 22.91   |           |         |
| 5                                                           | 25       | 0         |        | 22.85  | 22.90  | 22.81   |           |         |
| 5                                                           | 1        | 0         | 16-QAM | 23.13  | 23.23  | 23.15   | 20.81     | 0.1205  |
| 5                                                           | 1        | 12        |        | 23.30  | 23.34  | 23.29   |           |         |
| 5                                                           | 1        | 24        |        | 23.04  | 23.20  | 23.07   |           |         |
| 5                                                           | 12       | 0         |        | 21.91  | 21.97  | 21.94   |           |         |
| 5                                                           | 12       | 7         |        | 21.85  | 21.92  | 21.87   |           |         |
| 5                                                           | 12       | 13        |        | 21.82  | 21.85  | 21.83   |           |         |
| 5                                                           | 25       | 0         |        | 21.75  | 21.88  | 21.87   |           |         |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.38 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                           | 1        | 0         | QPSK   | 23.77  | 23.92  | 23.86   | 21.39     | 0.1377  |
| 3                                                           | 1        | 8         |        | 23.82  | 23.87  | 23.68   |           |         |
| 3                                                           | 1        | 14        |        | 23.58  | 23.73  | 23.75   |           |         |
| 3                                                           | 8        | 0         |        | 22.80  | 23.01  | 22.92   |           |         |
| 3                                                           | 8        | 4         |        | 22.81  | 22.96  | 22.90   |           |         |
| 3                                                           | 8        | 7         |        | 22.87  | 23.04  | 22.88   |           |         |
| 3                                                           | 15       | 0         |        | 22.93  | 22.88  | 22.82   |           |         |
| 3                                                           | 1        | 0         | 16-QAM | 23.12  | 23.24  | 23.15   | 20.91     | 0.1233  |
| 3                                                           | 1        | 8         |        | 23.34  | 23.44  | 23.37   |           |         |
| 3                                                           | 1        | 14        |        | 23.02  | 23.13  | 22.94   |           |         |
| 3                                                           | 8        | 0         |        | 21.83  | 21.94  | 21.92   |           |         |
| 3                                                           | 8        | 4         |        | 21.90  | 21.97  | 21.84   |           |         |
| 3                                                           | 8        | 7         |        | 21.74  | 21.88  | 21.79   |           |         |
| 3                                                           | 15       | 0         |        | 21.73  | 21.98  | 21.90   |           |         |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.38 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                         | 1        | 0         | QPSK   | 23.74  | 23.93  | 23.82   | 21.46     | 0.1400  |
| 1.4                                                         | 1        | 3         |        | 23.85  | 23.75  | 23.69   |           |         |
| 1.4                                                         | 1        | 5         |        | 23.69  | 23.75  | 23.71   |           |         |
| 1.4                                                         | 3        | 0         |        | 23.86  | 23.95  | 23.84   |           |         |
| 1.4                                                         | 3        | 1         |        | 23.72  | 23.89  | 23.79   |           |         |
| 1.4                                                         | 3        | 3         |        | 23.80  | 23.99  | 23.85   |           |         |
| 1.4                                                         | 6        | 0         |        | 22.81  | 22.95  | 22.80   |           |         |
| 1.4                                                         | 1        | 0         | 16-QAM | 23.17  | 23.21  | 23.13   | 20.86     | 0.1219  |
| 1.4                                                         | 1        | 3         |        | 23.22  | 23.39  | 23.32   |           |         |
| 1.4                                                         | 1        | 5         |        | 23.05  | 23.13  | 22.98   |           |         |
| 1.4                                                         | 3        | 0         |        | 22.86  | 22.98  | 22.95   |           |         |
| 1.4                                                         | 3        | 1         |        | 22.87  | 22.92  | 22.96   |           |         |
| 1.4                                                         | 3        | 3         |        | 22.74  | 22.82  | 22.77   |           |         |
| 1.4                                                         | 6        | 0         |        | 21.76  | 21.90  | 21.86   |           |         |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.5 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.89  | 22.94  | 22.92   | 18.44      | 0.0698   |
| 20                                                         | 1         | 49        |        | 22.69  | 22.73  | 22.69   |            |          |
| 20                                                         | 1         | 99        |        | 22.78  | 22.86  | 22.84   |            |          |
| 20                                                         | 50        | 0         |        | 21.97  | 22.05  | 21.99   |            |          |
| 20                                                         | 50        | 24        |        | 21.96  | 22.05  | 21.98   |            |          |
| 20                                                         | 50        | 50        |        | 21.91  | 22.04  | 21.99   |            |          |
| 20                                                         | 100       | 0         |        | 22.04  | 22.11  | 22.03   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 21.77  | 21.72  | 21.72   | 17.81      | 0.0604   |
| 20                                                         | 1         | 49        |        | 22.21  | 22.31  | 22.29   |            |          |
| 20                                                         | 1         | 99        |        | 22.12  | 22.17  | 22.15   |            |          |
| 20                                                         | 50        | 0         |        | 21.04  | 21.09  | 21.09   |            |          |
| 20                                                         | 50        | 24        |        | 21.16  | 21.19  | 21.13   |            |          |
| 20                                                         | 50        | 50        |        | 21.01  | 21.04  | 21.01   |            |          |
| 20                                                         | 100       | 0         |        | 20.98  | 20.93  | 21.01   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.5 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.86  | 22.86  | 22.90   | 18.40      | 0.0692   |
| 15                                                         | 1         | 37        |        | 22.66  | 22.67  | 22.66   |            |          |
| 15                                                         | 1         | 74        |        | 22.77  | 22.74  | 22.73   |            |          |
| 15                                                         | 36        | 0         |        | 21.91  | 21.92  | 21.96   |            |          |
| 15                                                         | 36        | 20        |        | 21.85  | 22.00  | 21.94   |            |          |
| 15                                                         | 36        | 39        |        | 21.93  | 22.02  | 21.85   |            |          |
| 15                                                         | 75        | 0         |        | 21.91  | 22.09  | 21.89   |            |          |
| 15                                                         | 1         | 0         | 16-QAM | 21.63  | 21.58  | 21.63   | 17.77      | 0.0598   |
| 15                                                         | 1         | 37        |        | 22.09  | 22.22  | 22.27   |            |          |
| 15                                                         | 1         | 74        |        | 22.11  | 22.15  | 22.04   |            |          |
| 15                                                         | 36        | 0         |        | 21.01  | 20.99  | 21.05   |            |          |
| 15                                                         | 36        | 20        |        | 21.10  | 21.15  | 21.05   |            |          |
| 15                                                         | 36        | 39        |        | 20.97  | 20.91  | 20.86   |            |          |
| 15                                                         | 75        | 0         |        | 20.94  | 20.82  | 20.87   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.5 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.81  | 22.90  | 22.82   | 18.40      | 0.0692   |
| 10                                                         | 1         | 25        |        | 22.63  | 22.59  | 22.62   |            |          |
| 10                                                         | 1         | 49        |        | 22.71  | 22.74  | 22.74   |            |          |
| 10                                                         | 25        | 0         |        | 21.94  | 21.91  | 21.91   |            |          |
| 10                                                         | 25        | 12        |        | 21.94  | 21.94  | 21.86   |            |          |
| 10                                                         | 25        | 25        |        | 21.97  | 22.01  | 21.88   |            |          |
| 10                                                         | 50        | 0         |        | 22.03  | 22.06  | 21.89   |            |          |
| 10                                                         | 1         | 0         | 16-QAM | 21.63  | 21.60  | 21.65   | 17.77      | 0.0598   |
| 10                                                         | 1         | 25        |        | 22.16  | 22.23  | 22.27   |            |          |
| 10                                                         | 1         | 49        |        | 22.06  | 22.05  | 22.11   |            |          |
| 10                                                         | 25        | 0         |        | 21.00  | 21.08  | 20.97   |            |          |
| 10                                                         | 25        | 12        |        | 21.09  | 21.05  | 21.01   |            |          |
| 10                                                         | 25        | 25        |        | 20.87  | 20.99  | 20.93   |            |          |
| 10                                                         | 50        | 0         |        | 20.87  | 20.80  | 20.91   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.5 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.75  | 22.83  | 22.80   | 18.33      | 0.0681   |
| 5                                                          | 1         | 12        |        | 22.57  | 22.64  | 22.56   |            |          |
| 5                                                          | 1         | 24        |        | 22.76  | 22.72  | 22.74   |            |          |
| 5                                                          | 12        | 0         |        | 21.89  | 21.94  | 21.86   |            |          |
| 5                                                          | 12        | 7         |        | 21.82  | 22.01  | 21.89   |            |          |
| 5                                                          | 12        | 13        |        | 21.89  | 21.91  | 21.90   |            |          |
| 5                                                          | 25        | 0         |        | 22.00  | 22.03  | 21.95   |            |          |
| 5                                                          | 1         | 0         | 16-QAM | 21.73  | 21.57  | 21.60   | 17.71      | 0.0590   |
| 5                                                          | 1         | 12        |        | 22.14  | 22.21  | 22.18   |            |          |
| 5                                                          | 1         | 24        |        | 22.08  | 22.09  | 22.13   |            |          |
| 5                                                          | 12        | 0         |        | 20.96  | 20.96  | 20.96   |            |          |
| 5                                                          | 12        | 7         |        | 21.07  | 21.13  | 21.00   |            |          |
| 5                                                          | 12        | 13        |        | 20.89  | 20.95  | 20.97   |            |          |
| 5                                                          | 25        | 0         |        | 20.94  | 20.81  | 20.90   |            |          |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.73  | 23.78  | 23.66   | 19.97     | 0.0993  |
| 10                                                           | 1        | 25        |        | 23.61  | 23.72  | 23.54   |           |         |
| 10                                                           | 1        | 49        |        | 23.69  | 23.69  | 23.64   |           |         |
| 10                                                           | 25       | 0         |        | 22.76  | 22.83  | 22.73   |           |         |
| 10                                                           | 25       | 12        |        | 22.77  | 22.79  | 22.71   |           |         |
| 10                                                           | 25       | 25        |        | 22.70  | 22.77  | 22.69   |           |         |
| 10                                                           | 50       | 0         |        | 22.82  | 22.87  | 22.70   |           |         |
| 10                                                           | 1        | 0         | 16-QAM | 22.94  | 23.02  | 22.87   | 19.21     | 0.0834  |
| 10                                                           | 1        | 25        |        | 22.92  | 23.00  | 22.78   |           |         |
| 10                                                           | 1        | 49        |        | 22.98  | 22.99  | 22.94   |           |         |
| 10                                                           | 25       | 0         |        | 21.73  | 21.77  | 21.57   |           |         |
| 10                                                           | 25       | 12        |        | 21.67  | 21.79  | 21.63   |           |         |
| 10                                                           | 25       | 25        |        | 21.76  | 21.73  | 21.63   |           |         |
| 10                                                           | 50       | 0         |        | 21.80  | 21.82  | 21.67   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.63  | 23.76  | 23.62   | 19.95     | 0.0989  |
| 5                                                            | 1        | 12        |        | 23.49  | 23.66  | 23.51   |           |         |
| 5                                                            | 1        | 24        |        | 23.62  | 23.58  | 23.60   |           |         |
| 5                                                            | 12       | 0         |        | 22.67  | 22.80  | 22.68   |           |         |
| 5                                                            | 12       | 7         |        | 22.65  | 22.70  | 22.65   |           |         |
| 5                                                            | 12       | 13        |        | 22.68  | 22.75  | 22.65   |           |         |
| 5                                                            | 25       | 0         |        | 22.73  | 22.82  | 22.61   |           |         |
| 5                                                            | 1        | 0         | 16-QAM | 22.87  | 22.99  | 22.83   | 19.18     | 0.0828  |
| 5                                                            | 1        | 12        |        | 22.84  | 22.94  | 22.70   |           |         |
| 5                                                            | 1        | 24        |        | 22.93  | 22.92  | 22.92   |           |         |
| 5                                                            | 12       | 0         |        | 21.69  | 21.71  | 21.54   |           |         |
| 5                                                            | 12       | 7         |        | 21.59  | 21.69  | 21.49   |           |         |
| 5                                                            | 12       | 13        |        | 21.73  | 21.72  | 21.59   |           |         |
| 5                                                            | 25       | 0         |        | 21.76  | 21.80  | 21.61   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                            | 1        | 0         | QPSK   | 23.61  | 23.68  | 23.57   | 19.87     | 0.0971  |
| 3                                                            | 1        | 8         |        | 23.54  | 23.57  | 23.44   |           |         |
| 3                                                            | 1        | 14        |        | 23.60  | 23.60  | 23.61   |           |         |
| 3                                                            | 8        | 0         |        | 22.71  | 22.80  | 22.66   |           |         |
| 3                                                            | 8        | 4         |        | 22.66  | 22.67  | 22.70   |           |         |
| 3                                                            | 8        | 7         |        | 22.68  | 22.67  | 22.58   |           |         |
| 3                                                            | 15       | 0         |        | 22.79  | 22.81  | 22.68   |           |         |
| 3                                                            | 1        | 0         | 16-QAM | 22.83  | 22.95  | 22.84   | 19.14     | 0.0820  |
| 3                                                            | 1        | 8         |        | 22.91  | 22.95  | 22.75   |           |         |
| 3                                                            | 1        | 14        |        | 22.84  | 22.94  | 22.91   |           |         |
| 3                                                            | 8        | 0         |        | 21.58  | 21.73  | 21.47   |           |         |
| 3                                                            | 8        | 4         |        | 21.56  | 21.66  | 21.60   |           |         |
| 3                                                            | 8        | 7         |        | 21.70  | 21.60  | 21.57   |           |         |
| 3                                                            | 15       | 0         |        | 21.75  | 21.69  | 21.58   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                          | 1        | 0         | QPSK   | 23.69  | 23.75  | 23.53   | 19.98     | 0.0995  |
| 1.4                                                          | 1        | 3         |        | 23.57  | 23.58  | 23.40   |           |         |
| 1.4                                                          | 1        | 5         |        | 23.64  | 23.62  | 23.62   |           |         |
| 1.4                                                          | 3        | 0         |        | 23.75  | 23.79  | 23.63   |           |         |
| 1.4                                                          | 3        | 1         |        | 23.73  | 23.73  | 23.61   |           |         |
| 1.4                                                          | 3        | 3         |        | 23.60  | 23.74  | 23.54   |           |         |
| 1.4                                                          | 6        | 0         |        | 22.77  | 22.77  | 22.62   |           |         |
| 1.4                                                          | 1        | 0         | 16-QAM | 22.86  | 22.88  | 22.73   | 19.13     | 0.0818  |
| 1.4                                                          | 1        | 3         |        | 22.88  | 22.91  | 22.75   |           |         |
| 1.4                                                          | 1        | 5         |        | 22.94  | 22.88  | 22.91   |           |         |
| 1.4                                                          | 3        | 0         |        | 22.71  | 22.64  | 22.53   |           |         |
| 1.4                                                          | 3        | 1         |        | 22.60  | 22.69  | 22.48   |           |         |
| 1.4                                                          | 3        | 3         |        | 22.67  | 22.65  | 22.55   |           |         |
| 1.4                                                          | 6        | 0         |        | 21.66  | 21.71  | 21.53   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.83 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | -      | 23.76  | -       | 20.78     | 0.1197  |
| 10                                                           | 1        | 25        |        | -      | 23.68  | -       |           |         |
| 10                                                           | 1        | 49        |        | -      | 23.70  | -       |           |         |
| 10                                                           | 25       | 0         |        | -      | 23.06  | -       |           |         |
| 10                                                           | 25       | 12        |        | -      | 23.05  | -       |           |         |
| 10                                                           | 25       | 25        |        | -      | 22.88  | -       |           |         |
| 10                                                           | 50       | 0         |        | -      | 22.97  | -       |           |         |
| 10                                                           | 1        | 0         | 16-QAM | -      | 23.11  | -       | 20.32     | 0.1076  |
| 10                                                           | 1        | 25        |        | -      | 23.30  | -       |           |         |
| 10                                                           | 1        | 49        |        | -      | 22.79  | -       |           |         |
| 10                                                           | 25       | 0         |        | -      | 22.02  | -       |           |         |
| 10                                                           | 25       | 12        |        | -      | 21.98  | -       |           |         |
| 10                                                           | 25       | 25        |        | -      | 22.02  | -       |           |         |
| 10                                                           | 50       | 0         |        | -      | 21.97  | -       |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.83 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.66  | 23.72  | 23.51   | 20.74     | 0.1186  |
| 5                                                            | 1        | 12        |        | 23.63  | 23.64  | 23.43   |           |         |
| 5                                                            | 1        | 24        |        | 23.56  | 23.67  | 23.48   |           |         |
| 5                                                            | 12       | 0         |        | 22.91  | 22.97  | 22.74   |           |         |
| 5                                                            | 12       | 7         |        | 22.93  | 23.01  | 22.78   |           |         |
| 5                                                            | 12       | 13        |        | 22.79  | 22.87  | 22.62   |           |         |
| 5                                                            | 25       | 0         |        | 22.87  | 22.97  | 22.72   |           |         |
| 5                                                            | 1        | 0         | 16-QAM | 22.94  | 23.03  | 22.78   | 20.20     | 0.1047  |
| 5                                                            | 1        | 12        |        | 23.14  | 23.18  | 23.02   |           |         |
| 5                                                            | 1        | 24        |        | 22.67  | 22.77  | 22.60   |           |         |
| 5                                                            | 12       | 0         |        | 21.93  | 21.98  | 21.83   |           |         |
| 5                                                            | 12       | 7         |        | 21.94  | 21.94  | 21.71   |           |         |
| 5                                                            | 12       | 13        |        | 21.88  | 21.90  | 21.68   |           |         |
| 5                                                            | 25       | 0         |        | 21.90  | 22.02  | 21.82   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | -      | 23.59  | -       | 21.36     | 0.1368  |
| 10                                                           | 1        | 25        |        | -      | 23.52  | -       |           |         |
| 10                                                           | 1        | 49        |        | -      | 23.53  | -       |           |         |
| 10                                                           | 25       | 0         |        | -      | 22.58  | -       |           |         |
| 10                                                           | 25       | 12        |        | -      | 22.57  | -       |           |         |
| 10                                                           | 25       | 25        |        | -      | 22.56  | -       |           |         |
| 10                                                           | 50       | 0         |        | -      | 22.54  | -       |           |         |
| 10                                                           | 1        | 0         | 16-QAM | -      | 22.62  | -       | 20.75     | 0.1189  |
| 10                                                           | 1        | 25        |        | -      | 22.98  | -       |           |         |
| 10                                                           | 1        | 49        |        | -      | 22.52  | -       |           |         |
| 10                                                           | 25       | 0         |        | -      | 21.61  | -       |           |         |
| 10                                                           | 25       | 12        |        | -      | 21.61  | -       |           |         |
| 10                                                           | 25       | 25        |        | -      | 21.57  | -       |           |         |
| 10                                                           | 50       | 0         |        | -      | 21.58  | -       |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.52  | 23.57  | 23.40   | 21.34     | 0.1361  |
| 5                                                            | 1        | 12        |        | 23.48  | 23.49  | 23.26   |           |         |
| 5                                                            | 1        | 24        |        | 23.44  | 23.45  | 23.32   |           |         |
| 5                                                            | 12       | 0         |        | 22.49  | 22.49  | 22.36   |           |         |
| 5                                                            | 12       | 7         |        | 22.47  | 22.55  | 22.31   |           |         |
| 5                                                            | 12       | 13        |        | 22.48  | 22.54  | 22.32   |           |         |
| 5                                                            | 25       | 0         |        | 22.47  | 22.49  | 22.35   |           |         |
| 5                                                            | 1        | 0         | 16-QAM | 22.57  | 22.60  | 22.46   | 20.71     | 0.1178  |
| 5                                                            | 1        | 12        |        | 22.88  | 22.94  | 22.78   |           |         |
| 5                                                            | 1        | 24        |        | 22.46  | 22.51  | 22.36   |           |         |
| 5                                                            | 12       | 0         |        | 21.57  | 21.64  | 21.39   |           |         |
| 5                                                            | 12       | 7         |        | 21.61  | 21.67  | 21.48   |           |         |
| 5                                                            | 12       | 13        |        | 21.50  | 21.53  | 21.30   |           |         |
| 5                                                            | 25       | 0         |        | 21.49  | 21.50  | 21.33   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.95 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.66  | 23.68  | 23.65   | 19.58     | 0.0908  |
| 10                                                           | 1        | 25        |        | 23.59  | 23.55  | 23.53   |           |         |
| 10                                                           | 1        | 49        |        | 23.63  | 23.62  | 23.58   |           |         |
| 10                                                           | 25       | 0         |        | 22.63  | 22.64  | 22.63   |           |         |
| 10                                                           | 25       | 12        |        | 22.54  | 22.59  | 22.62   |           |         |
| 10                                                           | 25       | 25        |        | 22.57  | 22.63  | 22.59   |           |         |
| 10                                                           | 50       | 0         |        | 22.57  | 22.56  | 22.54   |           |         |
| 10                                                           | 1        | 0         | 16-QAM | 22.63  | 22.63  | 22.56   | 18.59     | 0.0723  |
| 10                                                           | 1        | 25        |        | 22.62  | 22.69  | 22.61   |           |         |
| 10                                                           | 1        | 49        |        | 22.55  | 22.59  | 22.62   |           |         |
| 10                                                           | 25       | 0         |        | 21.63  | 21.63  | 21.62   |           |         |
| 10                                                           | 25       | 12        |        | 21.61  | 21.63  | 21.62   |           |         |
| 10                                                           | 25       | 25        |        | 21.61  | 21.63  | 21.57   |           |         |
| 10                                                           | 50       | 0         |        | 21.64  | 21.60  | 21.59   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.95 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.55  | 23.57  | 23.62   | 19.52     | 0.0895  |
| 5                                                            | 1        | 12        |        | 23.54  | 23.48  | 23.46   |           |         |
| 5                                                            | 1        | 24        |        | 23.57  | 23.60  | 23.44   |           |         |
| 5                                                            | 12       | 0         |        | 22.56  | 22.57  | 22.50   |           |         |
| 5                                                            | 12       | 7         |        | 22.46  | 22.51  | 22.58   |           |         |
| 5                                                            | 12       | 13        |        | 22.49  | 22.57  | 22.45   |           |         |
| 5                                                            | 25       | 0         |        | 22.43  | 22.48  | 22.49   |           |         |
| 5                                                            | 1        | 0         | 16-QAM | 22.55  | 22.51  | 22.47   | 18.56     | 0.0718  |
| 5                                                            | 1        | 12        |        | 22.49  | 22.66  | 22.54   |           |         |
| 5                                                            | 1        | 24        |        | 22.50  | 22.57  | 22.52   |           |         |
| 5                                                            | 12       | 0         |        | 21.59  | 21.53  | 21.48   |           |         |
| 5                                                            | 12       | 7         |        | 21.46  | 21.61  | 21.61   |           |         |
| 5                                                            | 12       | 13        |        | 21.51  | 21.51  | 21.50   |           |         |
| 5                                                            | 25       | 0         |        | 21.52  | 21.45  | 21.53   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK   | 22.96  | 23.10  | 23.00   | 24.39      | 0.2748   |
| 20                                                          | 1         | 49        |        | 22.95  | 23.07  | 22.89   |            |          |
| 20                                                          | 1         | 99        |        | 22.91  | 22.95  | 22.92   |            |          |
| 20                                                          | 50        | 0         |        | 22.15  | 22.29  | 22.17   |            |          |
| 20                                                          | 50        | 24        |        | 22.10  | 22.29  | 22.16   |            |          |
| 20                                                          | 50        | 50        |        | 22.07  | 22.27  | 22.10   |            |          |
| 20                                                          | 100       | 0         |        | 21.97  | 22.17  | 22.03   |            |          |
| 20                                                          | 1         | 0         | 16-QAM | 22.24  | 22.35  | 22.25   | 23.92      | 0.2466   |
| 20                                                          | 1         | 49        |        | 22.46  | 22.63  | 22.56   |            |          |
| 20                                                          | 1         | 99        |        | 22.29  | 22.44  | 22.36   |            |          |
| 20                                                          | 50        | 0         |        | 21.16  | 21.22  | 21.16   |            |          |
| 20                                                          | 50        | 24        |        | 21.15  | 21.28  | 21.16   |            |          |
| 20                                                          | 50        | 50        |        | 21.07  | 21.26  | 21.14   |            |          |
| 20                                                          | 100       | 0         |        | 21.18  | 21.27  | 21.15   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK   | 22.89  | 23.08  | 22.93   | 24.37      | 0.2735   |
| 15                                                          | 1         | 37        |        | 22.85  | 22.98  | 22.74   |            |          |
| 15                                                          | 1         | 74        |        | 22.83  | 22.90  | 22.79   |            |          |
| 15                                                          | 36        | 0         |        | 22.06  | 22.18  | 22.05   |            |          |
| 15                                                          | 36        | 20        |        | 21.98  | 22.19  | 22.14   |            |          |
| 15                                                          | 36        | 39        |        | 22.05  | 22.18  | 22.02   |            |          |
| 15                                                          | 75        | 0         |        | 21.83  | 22.12  | 21.91   |            |          |
| 15                                                          | 1         | 0         | 16-QAM | 22.09  | 22.32  | 22.18   | 23.86      | 0.2432   |
| 15                                                          | 1         | 37        |        | 22.37  | 22.57  | 22.46   |            |          |
| 15                                                          | 1         | 74        |        | 22.15  | 22.29  | 22.25   |            |          |
| 15                                                          | 36        | 0         |        | 21.01  | 21.15  | 21.09   |            |          |
| 15                                                          | 36        | 20        |        | 21.04  | 21.21  | 21.04   |            |          |
| 15                                                          | 36        | 39        |        | 20.94  | 21.12  | 21.02   |            |          |
| 15                                                          | 75        | 0         |        | 21.09  | 21.13  | 21.09   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK   | 22.95  | 23.09  | 22.90   | 24.38      | 0.2742   |
| 10                                                          | 1         | 25        |        | 22.91  | 22.96  | 22.74   |            |          |
| 10                                                          | 1         | 49        |        | 22.80  | 22.92  | 22.83   |            |          |
| 10                                                          | 25        | 0         |        | 22.02  | 22.22  | 22.14   |            |          |
| 10                                                          | 25        | 12        |        | 22.07  | 22.23  | 22.08   |            |          |
| 10                                                          | 25        | 25        |        | 21.98  | 22.16  | 22.04   |            |          |
| 10                                                          | 50        | 0         |        | 21.83  | 22.15  | 22.00   |            |          |
| 10                                                          | 1         | 0         | 16-QAM | 22.18  | 22.23  | 22.19   | 23.86      | 0.2432   |
| 10                                                          | 1         | 25        |        | 22.32  | 22.57  | 22.45   |            |          |
| 10                                                          | 1         | 49        |        | 22.21  | 22.39  | 22.34   |            |          |
| 10                                                          | 25        | 0         |        | 21.15  | 21.20  | 21.06   |            |          |
| 10                                                          | 25        | 12        |        | 21.11  | 21.15  | 21.06   |            |          |
| 10                                                          | 25        | 25        |        | 21.00  | 21.22  | 21.05   |            |          |
| 10                                                          | 50        | 0         |        | 21.03  | 21.24  | 21.12   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK   | 22.88  | 22.99  | 22.86   | 24.31      | 0.2698   |
| 5                                                           | 1         | 12        |        | 22.80  | 23.02  | 22.83   |            |          |
| 5                                                           | 1         | 24        |        | 22.81  | 22.82  | 22.80   |            |          |
| 5                                                           | 12        | 0         |        | 22.07  | 22.21  | 22.09   |            |          |
| 5                                                           | 12        | 7         |        | 22.04  | 22.21  | 22.14   |            |          |
| 5                                                           | 12        | 13        |        | 21.95  | 22.22  | 21.96   |            |          |
| 5                                                           | 25        | 0         |        | 21.83  | 22.10  | 21.90   |            |          |
| 5                                                           | 1         | 0         | 16-QAM | 22.22  | 22.29  | 22.22   | 23.87      | 0.2438   |
| 5                                                           | 1         | 12        |        | 22.31  | 22.58  | 22.46   |            |          |
| 5                                                           | 1         | 24        |        | 22.27  | 22.30  | 22.30   |            |          |
| 5                                                           | 12        | 0         |        | 21.14  | 21.10  | 21.07   |            |          |
| 5                                                           | 12        | 7         |        | 21.12  | 21.15  | 21.03   |            |          |
| 5                                                           | 12        | 13        |        | 20.94  | 21.16  | 21.13   |            |          |
| 5                                                           | 25        | 0         |        | 21.06  | 21.15  | 21.10   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                           | 1         | 0         | QPSK   | 22.83  | 23.00  | 22.88   | 24.29      | 0.2685   |
| 3                                                           | 1         | 8         |        | 22.88  | 22.96  | 22.86   |            |          |
| 3                                                           | 1         | 14        |        | 22.89  | 22.83  | 22.85   |            |          |
| 3                                                           | 8         | 0         |        | 22.05  | 22.17  | 22.11   |            |          |
| 3                                                           | 8         | 4         |        | 22.08  | 22.21  | 22.05   |            |          |
| 3                                                           | 8         | 7         |        | 21.93  | 22.14  | 21.98   |            |          |
| 3                                                           | 15        | 0         |        | 21.92  | 22.15  | 22.02   |            |          |
| 3                                                           | 1         | 0         | 16-QAM | 22.21  | 22.30  | 22.18   | 23.89      | 0.2449   |
| 3                                                           | 1         | 8         |        | 22.36  | 22.60  | 22.46   |            |          |
| 3                                                           | 1         | 14        |        | 22.17  | 22.41  | 22.27   |            |          |
| 3                                                           | 8         | 0         |        | 21.04  | 21.11  | 21.01   |            |          |
| 3                                                           | 8         | 4         |        | 21.12  | 21.22  | 21.08   |            |          |
| 3                                                           | 8         | 7         |        | 21.04  | 21.18  | 21.08   |            |          |
| 3                                                           | 15        | 0         |        | 21.12  | 21.21  | 21.05   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.29 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                         | 1         | 0         | QPSK   | 22.82  | 22.96  | 22.95   | 24.55      | 0.2851   |
| 1.4                                                         | 1         | 3         |        | 22.88  | 22.99  | 22.82   |            |          |
| 1.4                                                         | 1         | 5         |        | 22.86  | 22.90  | 22.80   |            |          |
| 1.4                                                         | 3         | 0         |        | 23.13  | 23.21  | 23.06   |            |          |
| 1.4                                                         | 3         | 1         |        | 22.99  | 23.26  | 23.12   |            |          |
| 1.4                                                         | 3         | 3         |        | 22.99  | 23.25  | 23.03   |            |          |
| 1.4                                                         | 6         | 0         |        | 21.94  | 22.10  | 21.96   |            |          |
| 1.4                                                         | 1         | 0         | 16-QAM | 22.12  | 22.27  | 22.13   | 23.79      | 0.2393   |
| 1.4                                                         | 1         | 3         |        | 22.34  | 22.49  | 22.50   |            |          |
| 1.4                                                         | 1         | 5         |        | 22.27  | 22.42  | 22.33   |            |          |
| 1.4                                                         | 3         | 0         |        | 22.05  | 22.16  | 22.12   |            |          |
| 1.4                                                         | 3         | 1         |        | 22.01  | 22.20  | 22.12   |            |          |
| 1.4                                                         | 3         | 3         |        | 21.99  | 22.21  | 22.04   |            |          |
| 1.4                                                         | 6         | 0         |        | 21.16  | 21.14  | 21.12   |            |          |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                                   | 1        | 0         | QPSK   | 24.05  | 23.76  | 24.01   | 21.57     | 0.1435  |
| 15                                                                   | 1        | 37        |        | 23.85  | 23.92  | 23.88   |           |         |
| 15                                                                   | 1        | 74        |        | 23.91  | 23.81  | 23.77   |           |         |
| 15                                                                   | 36       | 0         |        | 23.08  | 23.04  | 22.95   |           |         |
| 15                                                                   | 36       | 20        |        | 23.07  | 22.68  | 22.97   |           |         |
| 15                                                                   | 36       | 39        |        | 23.05  | 23.05  | 22.95   |           |         |
| 15                                                                   | 75       | 0         |        | 23.00  | 22.88  | 22.95   |           |         |
| 15                                                                   | 1        | 0         | 16-QAM | 23.18  | 22.94  | 23.17   | 21.06     | 0.1276  |
| 15                                                                   | 1        | 37        |        | 23.54  | 23.26  | 23.47   |           |         |
| 15                                                                   | 1        | 74        |        | 23.32  | 23.29  | 23.32   |           |         |
| 15                                                                   | 36       | 0         |        | 22.16  | 22.09  | 22.14   |           |         |
| 15                                                                   | 36       | 20        |        | 22.07  | 21.77  | 22.09   |           |         |
| 15                                                                   | 36       | 39        |        | 22.01  | 21.78  | 22.04   |           |         |
| 15                                                                   | 75       | 0         |        | 22.11  | 21.78  | 22.07   |           |         |
| Limit                                                                | ERP < 7W |           |        | Result |        |         | Pass      |         |

| Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size  | RB Offset | Mod    | Lowest | MidGPe | Highest | ERP (dBm) | ERP (W) |
| 10                                                                   | 1        | 0         | QPSK   | 23.72  | 24.08  | 23.95   | 21.60     | 0.1445  |
| 10                                                                   | 1        | 25        |        | 23.54  | 23.71  | 23.75   |           |         |
| 10                                                                   | 1        | 49        |        | 23.63  | 24.00  | 23.64   |           |         |
| 10                                                                   | 25       | 0         |        | 22.74  | 22.93  | 22.81   |           |         |
| 10                                                                   | 25       | 12        |        | 22.72  | 23.07  | 22.82   |           |         |
| 10                                                                   | 25       | 25        |        | 22.84  | 23.02  | 22.88   |           |         |
| 10                                                                   | 50       | 0         |        | 22.77  | 22.92  | 22.88   |           |         |
| 10                                                                   | 1        | 0         | 16-QAM | 23.04  | 23.09  | 23.12   | 20.95     | 0.1245  |
| 10                                                                   | 1        | 25        |        | 23.31  | 23.39  | 23.43   |           |         |
| 10                                                                   | 1        | 49        |        | 23.13  | 23.25  | 23.26   |           |         |
| 10                                                                   | 25       | 0         |        | 22.03  | 22.11  | 22.05   |           |         |
| 10                                                                   | 25       | 12        |        | 21.76  | 21.95  | 21.98   |           |         |
| 10                                                                   | 25       | 25        |        | 21.74  | 21.95  | 21.99   |           |         |
| 10                                                                   | 50       | 0         |        | 21.89  | 22.14  | 21.98   |           |         |
| Limit                                                                | ERP < 7W |           |        | Result |        |         | Pass      |         |

| Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size  | RB Offset | Mod    | Lowest | MidGPe | Highest | ERP (dBm) | ERP (W) |
| 5                                                                    | 1        | 0         | QPSK   | 23.82  | 23.99  | 23.89   | 21.51     | 0.1416  |
| 5                                                                    | 1        | 12        |        | 23.70  | 23.76  | 23.80   |           |         |
| 5                                                                    | 1        | 24        |        | 23.61  | 23.79  | 23.64   |           |         |
| 5                                                                    | 12       | 0         |        | 22.82  | 23.04  | 22.92   |           |         |
| 5                                                                    | 12       | 7         |        | 22.60  | 23.03  | 22.91   |           |         |
| 5                                                                    | 12       | 13        |        | 22.70  | 22.85  | 22.86   |           |         |
| 5                                                                    | 25       | 0         |        | 22.96  | 22.76  | 22.91   |           |         |
| 5                                                                    | 1        | 0         | 16-QAM | 22.87  | 23.19  | 23.13   | 20.90     | 0.1230  |
| 5                                                                    | 1        | 12        |        | 23.30  | 23.38  | 23.36   |           |         |
| 5                                                                    | 1        | 24        |        | 23.02  | 23.25  | 23.21   |           |         |
| 5                                                                    | 12       | 0         |        | 21.94  | 22.03  | 22.04   |           |         |
| 5                                                                    | 12       | 7         |        | 21.95  | 22.06  | 22.06   |           |         |
| 5                                                                    | 12       | 13        |        | 21.77  | 21.85  | 21.97   |           |         |
| 5                                                                    | 25       | 0         |        | 21.80  | 22.07  | 22.05   |           |         |
| Limit                                                                | ERP < 7W |           |        | Result |        |         | Pass      |         |

| Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size  | RB Offset | Mod    | Lowest | MidGPe | Highest | ERP (dBm) | ERP (W) |
| 3                                                                    | 1        | 0         | QPSK   | 23.85  | 24.04  | 23.97   | 21.56     | 0.1432  |
| 3                                                                    | 1        | 8         |        | 23.61  | 23.73  | 23.73   |           |         |
| 3                                                                    | 1        | 14        |        | 23.73  | 23.88  | 23.67   |           |         |
| 3                                                                    | 8        | 0         |        | 22.80  | 22.89  | 22.89   |           |         |
| 3                                                                    | 8        | 4         |        | 22.69  | 22.89  | 22.91   |           |         |
| 3                                                                    | 8        | 7         |        | 22.79  | 23.00  | 22.82   |           |         |
| 3                                                                    | 15       | 0         |        | 22.82  | 22.84  | 22.84   |           |         |
| 3                                                                    | 1        | 0         | 16-QAM | 22.97  | 23.16  | 23.07   | 20.96     | 0.1247  |
| 3                                                                    | 1        | 8         |        | 23.24  | 23.43  | 23.44   |           |         |
| 3                                                                    | 1        | 14        |        | 22.99  | 23.30  | 23.26   |           |         |
| 3                                                                    | 8        | 0         |        | 21.94  | 22.07  | 22.06   |           |         |
| 3                                                                    | 8        | 4         |        | 21.84  | 22.02  | 22.06   |           |         |
| 3                                                                    | 8        | 7         |        | 21.79  | 21.87  | 21.94   |           |         |
| 3                                                                    | 15       | 0         |        | 21.80  | 22.03  | 22.06   |           |         |
| Limit                                                                | ERP < 7W |           |        | Result |        |         | Pass      |         |

| Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size  | RB Offset | Mod    | Lowest | MidGPe | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                  | 1        | 0         | QPSK   | 23.81  | 23.86  | 23.92   | 21.63     | 0.1455  |
| 1.4                                                                  | 1        | 3         |        | 23.72  | 23.62  | 23.77   |           |         |
| 1.4                                                                  | 1        | 5         |        | 23.61  | 23.69  | 23.74   |           |         |
| 1.4                                                                  | 3        | 0         |        | 23.71  | 24.11  | 23.85   |           |         |
| 1.4                                                                  | 3        | 1         |        | 23.68  | 23.99  | 23.93   |           |         |
| 1.4                                                                  | 3        | 3         |        | 23.68  | 23.91  | 23.87   |           |         |
| 1.4                                                                  | 6        | 0         |        | 22.77  | 22.89  | 22.81   |           |         |
| 1.4                                                                  | 1        | 0         | 16-QAM | 22.97  | 23.22  | 23.03   | 21.01     | 0.1262  |
| 1.4                                                                  | 1        | 3         |        | 23.31  | 23.49  | 23.46   |           |         |
| 1.4                                                                  | 1        | 5         |        | 23.14  | 23.33  | 23.17   |           |         |
| 1.4                                                                  | 3        | 0         |        | 22.98  | 23.15  | 23.02   |           |         |
| 1.4                                                                  | 3        | 1         |        | 22.93  | 22.96  | 23.06   |           |         |
| 1.4                                                                  | 3        | 3         |        | 22.73  | 23.03  | 23.01   |           |         |
| 1.4                                                                  | 6        | 0         |        | 21.96  | 21.90  | 21.95   |           |         |
| Limit                                                                | ERP < 7W |           |        | Result |        |         | Pass      |         |

| Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |            |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|------------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size    | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                                   | 1          | 0         | QPSK   | -      | 24.00  | -       | 21.52     | 0.1419  |
| 10                                                                   | 1          | 25        |        | -      | 23.73  | -       |           |         |
| 10                                                                   | 1          | 49        |        | -      | 23.90  | -       |           |         |
| 10                                                                   | 25         | 0         |        | -      | 23.01  | -       |           |         |
| 10                                                                   | 25         | 12        |        | -      | 23.02  | -       |           |         |
| 10                                                                   | 25         | 25        |        | -      | 23.00  | -       |           |         |
| 10                                                                   | 50         | 0         |        | -      | 22.96  | -       |           |         |
| 10                                                                   | 1          | 0         | 16-QAM | -      | 23.16  | -       | 20.93     | 0.1239  |
| 10                                                                   | 1          | 25        |        | -      | 23.41  | -       |           |         |
| 10                                                                   | 1          | 49        |        | -      | 23.28  | -       |           |         |
| 10                                                                   | 25         | 0         |        | -      | 22.07  | -       |           |         |
| 10                                                                   | 25         | 12        |        | -      | 21.98  | -       |           |         |
| 10                                                                   | 25         | 25        |        | -      | 21.99  | -       |           |         |
| 10                                                                   | 50         | 0         |        | -      | 22.09  | -       |           |         |
| Limit                                                                | ERP < 100W |           |        | Result |        |         | Pass      |         |

| Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |            |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|------------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size    | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                                    | 1          | 0         | QPSK   | 23.86  | 23.93  | 23.94   | 21.46     | 0.1400  |
| 5                                                                    | 1          | 12        |        | 23.70  | 23.77  | 23.66   |           |         |
| 5                                                                    | 1          | 24        |        | 23.71  | 23.65  | 23.64   |           |         |
| 5                                                                    | 12         | 0         |        | 22.76  | 22.74  | 22.83   |           |         |
| 5                                                                    | 12         | 7         |        | 22.68  | 22.64  | 22.59   |           |         |
| 5                                                                    | 12         | 13        |        | 22.72  | 22.75  | 22.62   |           |         |
| 5                                                                    | 25         | 0         |        | 22.86  | 22.76  | 22.84   |           |         |
| 5                                                                    | 1          | 0         | 16-QAM | 22.92  | 22.94  | 22.91   | 20.87     | 0.1222  |
| 5                                                                    | 1          | 12        |        | 23.27  | 23.35  | 23.17   |           |         |
| 5                                                                    | 1          | 24        |        | 23.00  | 23.04  | 22.99   |           |         |
| 5                                                                    | 12         | 0         |        | 21.94  | 21.91  | 21.93   |           |         |
| 5                                                                    | 12         | 7         |        | 21.86  | 21.85  | 21.89   |           |         |
| 5                                                                    | 12         | 13        |        | 21.80  | 21.80  | 21.87   |           |         |
| 5                                                                    | 25         | 0         |        | 21.90  | 21.95  | 21.88   |           |         |
| Limit                                                                | ERP < 100W |           |        | Result |        |         | Pass      |         |

| Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |            |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|------------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size    | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                                    | 1          | 0         | QPSK   | 23.79  | 23.77  | 23.84   | 21.36     | 0.1368  |
| 3                                                                    | 1          | 8         |        | 23.61  | 23.54  | 23.71   |           |         |
| 3                                                                    | 1          | 14        |        | 23.64  | 23.60  | 23.66   |           |         |
| 3                                                                    | 8          | 0         |        | 22.77  | 22.76  | 22.83   |           |         |
| 3                                                                    | 8          | 4         |        | 22.67  | 22.60  | 22.64   |           |         |
| 3                                                                    | 8          | 7         |        | 22.77  | 22.78  | 22.68   |           |         |
| 3                                                                    | 15         | 0         |        | 22.87  | 22.97  | 22.96   |           |         |
| 3                                                                    | 1          | 0         | 16-QAM | 23.04  | 23.00  | 23.00   | 20.89     | 0.1227  |
| 3                                                                    | 1          | 8         |        | 23.27  | 23.37  | 23.36   |           |         |
| 3                                                                    | 1          | 14        |        | 23.02  | 22.95  | 23.11   |           |         |
| 3                                                                    | 8          | 0         |        | 21.94  | 21.86  | 21.93   |           |         |
| 3                                                                    | 8          | 4         |        | 21.89  | 21.96  | 21.96   |           |         |
| 3                                                                    | 8          | 7         |        | 21.78  | 21.71  | 21.79   |           |         |
| 3                                                                    | 15         | 0         |        | 21.80  | 21.84  | 21.75   |           |         |
| Limit                                                                | ERP < 100W |           |        | Result |        |         | Pass      |         |

| Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.33 dB) |            |           |        |        |        |         |           |         |
|----------------------------------------------------------------------|------------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                             | RB Size    | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                  | 1          | 0         | QPSK   | 23.76  | 23.74  | 23.74   | 21.35     | 0.1365  |
| 1.4                                                                  | 1          | 3         |        | 23.65  | 23.69  | 23.67   |           |         |
| 1.4                                                                  | 1          | 5         |        | 23.71  | 23.80  | 23.66   |           |         |
| 1.4                                                                  | 3          | 0         |        | 23.81  | 23.77  | 23.76   |           |         |
| 1.4                                                                  | 3          | 1         |        | 23.76  | 23.81  | 23.83   |           |         |
| 1.4                                                                  | 3          | 3         |        | 23.70  | 23.75  | 23.64   |           |         |
| 1.4                                                                  | 6          | 0         |        | 22.78  | 22.84  | 22.82   |           |         |
| 1.4                                                                  | 1          | 0         | 16-QAM | 22.93  | 22.99  | 22.99   | 20.83     | 0.1211  |
| 1.4                                                                  | 1          | 3         |        | 23.23  | 23.16  | 23.31   |           |         |
| 1.4                                                                  | 1          | 5         |        | 23.10  | 23.10  | 23.09   |           |         |
| 1.4                                                                  | 3          | 0         |        | 22.88  | 22.80  | 22.90   |           |         |
| 1.4                                                                  | 3          | 1         |        | 22.84  | 22.90  | 22.92   |           |         |
| 1.4                                                                  | 3          | 3         |        | 22.79  | 22.79  | 22.86   |           |         |
| 1.4                                                                  | 6          | 0         |        | 21.91  | 21.82  | 21.96   |           |         |
| Limit                                                                | ERP < 100W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|-----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                                    | 1        | 0         | QPSK   | -      | 23.95  | -       | 21.47     | 0.1403  |
| 15                                                                    | 1        | 37        |        | -      | 23.73  | -       |           |         |
| 15                                                                    | 1        | 74        |        | -      | 23.77  | -       |           |         |
| 15                                                                    | 36       | 0         |        | -      | 22.81  | -       |           |         |
| 15                                                                    | 36       | 20        |        | -      | 22.91  | -       |           |         |
| 15                                                                    | 36       | 39        |        | -      | 22.81  | -       |           |         |
| 15                                                                    | 75       | 0         |        | -      | 22.81  | -       |           |         |
| 15                                                                    | 1        | 0         | 16-QAM | -      | 22.99  | -       | 20.80     | 0.1202  |
| 15                                                                    | 1        | 37        |        | -      | 23.28  | -       |           |         |
| 15                                                                    | 1        | 74        |        | -      | 23.07  | -       |           |         |
| 15                                                                    | 36       | 0         |        | -      | 22.11  | -       |           |         |
| 15                                                                    | 36       | 20        |        | -      | 21.96  | -       |           |         |
| 15                                                                    | 36       | 39        |        | -      | 21.92  | -       |           |         |
| 15                                                                    | 75       | 0         |        | -      | 21.90  | -       |           |         |
| Limit                                                                 | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|-----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                                    | 1        | 0         | QPSK   | -      | 23.80  | -       | 21.32     | 0.1355  |
| 10                                                                    | 1        | 25        |        | -      | 23.71  | -       |           |         |
| 10                                                                    | 1        | 49        |        | -      | 23.74  | -       |           |         |
| 10                                                                    | 25       | 0         |        | -      | 22.85  | -       |           |         |
| 10                                                                    | 25       | 12        |        | -      | 22.64  | -       |           |         |
| 10                                                                    | 25       | 25        |        | -      | 22.91  | -       |           |         |
| 10                                                                    | 50       | 0         |        | -      | 22.88  | -       |           |         |
| 10                                                                    | 1        | 0         | 16-QAM | -      | 23.02  | -       | 20.76     | 0.1191  |
| 10                                                                    | 1        | 25        |        | -      | 23.24  | -       |           |         |
| 10                                                                    | 1        | 49        |        | -      | 22.97  | -       |           |         |
| 10                                                                    | 25       | 0         |        | -      | 21.91  | -       |           |         |
| 10                                                                    | 25       | 12        |        | -      | 21.81  | -       |           |         |
| 10                                                                    | 25       | 25        |        | -      | 21.83  | -       |           |         |
| 10                                                                    | 50       | 0         |        | -      | 21.94  | -       |           |         |
| Limit                                                                 | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|-----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                                     | 1        | 0         | QPSK   | -      | 23.90  | -       | 21.42     | 0.1387  |
| 5                                                                     | 1        | 12        |        | -      | 23.77  | -       |           |         |
| 5                                                                     | 1        | 24        |        | -      | 23.81  | -       |           |         |
| 5                                                                     | 12       | 0         |        | -      | 22.71  | -       |           |         |
| 5                                                                     | 12       | 7         |        | -      | 22.77  | -       |           |         |
| 5                                                                     | 12       | 13        |        | -      | 22.75  | -       |           |         |
| 5                                                                     | 25       | 0         |        | -      | 22.77  | -       |           |         |
| 5                                                                     | 1        | 0         | 16-QAM | -      | 22.85  | -       | 20.89     | 0.1227  |
| 5                                                                     | 1        | 12        |        | -      | 23.37  | -       |           |         |
| 5                                                                     | 1        | 24        |        | -      | 23.09  | -       |           |         |
| 5                                                                     | 12       | 0         |        | -      | 21.89  | -       |           |         |
| 5                                                                     | 12       | 7         |        | -      | 21.84  | -       |           |         |
| 5                                                                     | 12       | 13        |        | -      | 21.77  | -       |           |         |
| 5                                                                     | 25       | 0         |        | -      | 21.94  | -       |           |         |
| Limit                                                                 | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|-----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                                     | 1        | 0         | QPSK   | -      | 23.75  | -       | 21.27     | 0.1340  |
| 3                                                                     | 1        | 8         |        | -      | 23.66  | -       |           |         |
| 3                                                                     | 1        | 14        |        | -      | 23.65  | -       |           |         |
| 3                                                                     | 8        | 0         |        | -      | 22.71  | -       |           |         |
| 3                                                                     | 8        | 4         |        | -      | 22.65  | -       |           |         |
| 3                                                                     | 8        | 7         |        | -      | 22.77  | -       |           |         |
| 3                                                                     | 15       | 0         |        | -      | 22.81  | -       |           |         |
| 3                                                                     | 1        | 0         | 16-QAM | -      | 23.07  | -       | 20.82     | 0.1208  |
| 3                                                                     | 1        | 8         |        | -      | 23.30  | -       |           |         |
| 3                                                                     | 1        | 14        |        | -      | 23.10  | -       |           |         |
| 3                                                                     | 8        | 0         |        | -      | 21.92  | -       |           |         |
| 3                                                                     | 8        | 4         |        | -      | 21.89  | -       |           |         |
| 3                                                                     | 8        | 7         |        | -      | 21.76  | -       |           |         |
| 3                                                                     | 15       | 0         |        | -      | 21.87  | -       |           |         |
| Limit                                                                 | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -0.33 dB) |          |           |        |        |        |         |           |         |
|-----------------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                   | 1        | 0         | QPSK   | -      | 23.86  | -       | 21.38     | 0.1374  |
| 1.4                                                                   | 1        | 3         |        | -      | 23.67  | -       |           |         |
| 1.4                                                                   | 1        | 5         |        | -      | 23.67  | -       |           |         |
| 1.4                                                                   | 3        | 0         |        | -      | 23.83  | -       |           |         |
| 1.4                                                                   | 3        | 1         |        | -      | 23.80  | -       |           |         |
| 1.4                                                                   | 3        | 3         |        | -      | 23.63  | -       |           |         |
| 1.4                                                                   | 6        | 0         |        | -      | 22.72  | -       |           |         |
| 1.4                                                                   | 1        | 0         | 16-QAM | -      | 22.90  | -       | 20.79     | 0.1199  |
| 1.4                                                                   | 1        | 3         |        | -      | 23.27  | -       |           |         |
| 1.4                                                                   | 1        | 5         |        | -      | 23.07  | -       |           |         |
| 1.4                                                                   | 3        | 0         |        | -      | 22.95  | -       |           |         |
| 1.4                                                                   | 3        | 1         |        | -      | 22.84  | -       |           |         |
| 1.4                                                                   | 3        | 3         |        | -      | 22.78  | -       |           |         |
| 1.4                                                                   | 6        | 0         |        | -      | 21.89  | -       |           |         |
| Limit                                                                 | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1.38 dB) |                   |           |        |        |        |         |            |          |
|--------------------------------------------------------------|-------------------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size           | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1                 | 0         | QPSK   | -      | 22.08  | -       | 20.70      | 0.1175   |
| 10                                                           | 1                 | 25        |        | -      | 21.99  | -       |            |          |
| 10                                                           | 1                 | 49        |        | -      | 22.05  | -       |            |          |
| 10                                                           | 25                | 0         |        | -      | 21.21  | -       |            |          |
| 10                                                           | 25                | 12        |        | -      | 21.20  | -       |            |          |
| 10                                                           | 25                | 25        |        | -      | 21.19  | -       |            |          |
| 10                                                           | 50                | 0         |        | -      | 21.14  | -       |            |          |
| 10                                                           | 1                 | 0         | 16-QAM | -      | 21.50  | -       | 20.12      | 0.1028   |
| 10                                                           | 1                 | 25        |        | -      | 21.24  | -       |            |          |
| 10                                                           | 1                 | 49        |        | -      | 21.30  | -       |            |          |
| 10                                                           | 25                | 0         |        | -      | 20.18  | -       |            |          |
| 10                                                           | 25                | 12        |        | -      | 20.24  | -       |            |          |
| 10                                                           | 25                | 25        |        | -      | 20.16  | -       |            |          |
| 10                                                           | 50                | 0         |        | -      | 20.12  | -       |            |          |
| Limit                                                        | EIRP < 250mW/5MHz |           |        | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

| LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1.38 dB) |                   |           |        |        |        |         |            |          |
|--------------------------------------------------------------|-------------------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size           | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1                 | 0         | QPSK   | 22.01  | 22.05  | 22.03   | 20.67      | 0.1167   |
| 5                                                            | 1                 | 12        |        | 21.93  | 22.01  | 21.94   |            |          |
| 5                                                            | 1                 | 24        |        | 22.01  | 21.98  | 22.00   |            |          |
| 5                                                            | 12                | 0         |        | 21.18  | 21.26  | 21.24   |            |          |
| 5                                                            | 12                | 7         |        | 21.09  | 21.18  | 21.12   |            |          |
| 5                                                            | 12                | 13        |        | 21.15  | 21.16  | 21.20   |            |          |
| 5                                                            | 25                | 0         |        | 21.07  | 21.14  | 21.11   |            |          |
| 5                                                            | 1                 | 0         | 16-QAM | 21.44  | 21.48  | 21.44   | 20.10      | 0.1023   |
| 5                                                            | 1                 | 12        |        | 21.24  | 21.22  | 21.20   |            |          |
| 5                                                            | 1                 | 24        |        | 21.17  | 21.28  | 21.17   |            |          |
| 5                                                            | 12                | 0         |        | 20.14  | 20.16  | 20.10   |            |          |
| 5                                                            | 12                | 7         |        | 20.25  | 20.24  | 20.23   |            |          |
| 5                                                            | 12                | 13        |        | 20.08  | 20.19  | 20.17   |            |          |
| 5                                                            | 25                | 0         |        | 20.06  | 20.10  | 20.05   |            |          |
| Limit                                                        | EIRP < 250mW/5MHz |           |        | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

| LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -4.55 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1         | 0         | QPSK   | 22.98  | 23.10  | 23.08   | 18.55      | 0.0716   |
| 20                                                               | 1         | 49        |        | 22.86  | 23.01  | 23.00   |            |          |
| 20                                                               | 1         | 99        |        | 22.95  | 23.07  | 22.97   |            |          |
| 20                                                               | 50        | 0         |        | 21.99  | 22.13  | 22.10   |            |          |
| 20                                                               | 50        | 24        |        | 21.98  | 22.09  | 22.03   |            |          |
| 20                                                               | 50        | 50        |        | 22.01  | 22.12  | 22.02   |            |          |
| 20                                                               | 100       | 0         |        | 22.01  | 22.18  | 22.13   |            |          |
| 20                                                               | 1         | 0         | 16-QAM | 21.82  | 21.95  | 21.91   | 17.59      | 0.0574   |
| 20                                                               | 1         | 49        |        | 22.00  | 22.14  | 22.07   |            |          |
| 20                                                               | 1         | 99        |        | 21.88  | 21.96  | 21.94   |            |          |
| 20                                                               | 50        | 0         |        | 20.97  | 21.06  | 21.09   |            |          |
| 20                                                               | 50        | 24        |        | 21.02  | 21.21  | 21.16   |            |          |
| 20                                                               | 50        | 50        |        | 21.03  | 21.16  | 21.15   |            |          |
| 20                                                               | 100       | 0         |        | 20.95  | 21.12  | 21.05   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -4.55 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1         | 0         | QPSK   | 22.91  | 23.07  | 22.96   | 18.52      | 0.0711   |
| 15                                                               | 1         | 37        |        | 22.73  | 22.98  | 22.89   |            |          |
| 15                                                               | 1         | 74        |        | 22.89  | 23.02  | 22.84   |            |          |
| 15                                                               | 36        | 0         |        | 21.85  | 22.04  | 22.04   |            |          |
| 15                                                               | 36        | 20        |        | 21.88  | 22.01  | 21.95   |            |          |
| 15                                                               | 36        | 39        |        | 21.91  | 22.03  | 21.94   |            |          |
| 15                                                               | 75        | 0         |        | 21.87  | 22.10  | 22.10   |            |          |
| 15                                                               | 1         | 0         | 16-QAM | 21.79  | 21.85  | 21.88   | 17.50      | 0.0562   |
| 15                                                               | 1         | 37        |        | 21.88  | 22.05  | 21.93   |            |          |
| 15                                                               | 1         | 74        |        | 21.86  | 21.84  | 21.81   |            |          |
| 15                                                               | 36        | 0         |        | 20.94  | 20.99  | 21.02   |            |          |
| 15                                                               | 36        | 20        |        | 20.96  | 21.06  | 21.03   |            |          |
| 15                                                               | 36        | 39        |        | 20.97  | 21.10  | 21.06   |            |          |
| 15                                                               | 75        | 0         |        | 20.80  | 21.08  | 20.96   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -4.55 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1         | 0         | QPSK   | 22.88  | 22.97  | 23.04   | 18.49      | 0.0706   |
| 10                                                               | 1         | 25        |        | 22.78  | 22.98  | 22.87   |            |          |
| 10                                                               | 1         | 49        |        | 22.92  | 23.04  | 22.89   |            |          |
| 10                                                               | 25        | 0         |        | 21.92  | 22.00  | 21.99   |            |          |
| 10                                                               | 25        | 12        |        | 21.86  | 21.99  | 21.96   |            |          |
| 10                                                               | 25        | 25        |        | 22.00  | 22.11  | 21.90   |            |          |
| 10                                                               | 50        | 0         |        | 21.95  | 22.04  | 22.00   |            |          |
| 10                                                               | 1         | 0         | 16-QAM | 21.68  | 21.81  | 21.79   | 17.47      | 0.0558   |
| 10                                                               | 1         | 25        |        | 21.96  | 22.02  | 22.01   |            |          |
| 10                                                               | 1         | 49        |        | 21.73  | 21.93  | 21.88   |            |          |
| 10                                                               | 25        | 0         |        | 20.83  | 20.96  | 20.96   |            |          |
| 10                                                               | 25        | 12        |        | 20.96  | 21.16  | 21.07   |            |          |
| 10                                                               | 25        | 25        |        | 21.01  | 21.03  | 21.05   |            |          |
| 10                                                               | 50        | 0         |        | 20.80  | 21.07  | 20.99   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = -4.55 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1         | 0         | QPSK   | 22.85  | 22.97  | 23.03   | 18.48      | 0.0705   |
| 5                                                                | 1         | 12        |        | 22.80  | 22.90  | 22.96   |            |          |
| 5                                                                | 1         | 24        |        | 22.93  | 22.97  | 22.89   |            |          |
| 5                                                                | 12        | 0         |        | 21.93  | 21.99  | 22.07   |            |          |
| 5                                                                | 12        | 7         |        | 21.92  | 22.06  | 21.97   |            |          |
| 5                                                                | 12        | 13        |        | 21.96  | 22.00  | 22.01   |            |          |
| 5                                                                | 25        | 0         |        | 21.94  | 22.05  | 22.00   |            |          |
| 5                                                                | 1         | 0         | 16-QAM | 21.70  | 21.81  | 21.77   | 17.48      | 0.0560   |
| 5                                                                | 1         | 12        |        | 21.86  | 22.03  | 22.02   |            |          |
| 5                                                                | 1         | 24        |        | 21.80  | 21.91  | 21.87   |            |          |
| 5                                                                | 12        | 0         |        | 20.83  | 20.96  | 20.99   |            |          |
| 5                                                                | 12        | 7         |        | 20.90  | 21.18  | 21.08   |            |          |
| 5                                                                | 12        | 13        |        | 20.94  | 21.08  | 21.06   |            |          |
| 5                                                                | 25        | 0         |        | 20.92  | 21.00  | 21.02   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -4.16 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1         | 0         | QPSK   | 22.86  | 23.04  | 23.11   | 18.95      | 0.0785   |
| 20                                                               | 1         | 49        |        | 22.72  | 22.97  | 23.05   |            |          |
| 20                                                               | 1         | 99        |        | 22.83  | 22.96  | 23.09   |            |          |
| 20                                                               | 50        | 0         |        | 22.02  | 22.19  | 22.23   |            |          |
| 20                                                               | 50        | 24        |        | 22.03  | 22.20  | 22.29   |            |          |
| 20                                                               | 50        | 50        |        | 21.84  | 22.04  | 22.08   |            |          |
| 20                                                               | 100       | 0         |        | 21.95  | 22.04  | 22.16   |            |          |
| 20                                                               | 1         | 0         | 16-QAM | 21.71  | 21.85  | 21.93   | 18.14      | 0.0652   |
| 20                                                               | 1         | 49        |        | 21.79  | 21.97  | 22.01   |            |          |
| 20                                                               | 1         | 99        |        | 22.07  | 22.27  | 22.30   |            |          |
| 20                                                               | 50        | 0         |        | 20.85  | 21.01  | 21.09   |            |          |
| 20                                                               | 50        | 24        |        | 21.08  | 21.16  | 21.24   |            |          |
| 20                                                               | 50        | 50        |        | 20.96  | 21.07  | 21.16   |            |          |
| 20                                                               | 100       | 0         |        | 20.82  | 21.03  | 21.08   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -4.16 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1         | 0         | QPSK   | 22.78  | 22.90  | 23.06   | 18.90      | 0.0776   |
| 15                                                               | 1         | 37        |        | 22.69  | 22.84  | 22.98   |            |          |
| 15                                                               | 1         | 74        |        | 22.73  | 22.90  | 22.97   |            |          |
| 15                                                               | 36        | 0         |        | 21.95  | 22.08  | 22.10   |            |          |
| 15                                                               | 36        | 20        |        | 21.93  | 22.06  | 22.15   |            |          |
| 15                                                               | 36        | 39        |        | 21.81  | 22.01  | 22.00   |            |          |
| 15                                                               | 75        | 0         |        | 21.92  | 21.90  | 22.12   |            |          |
| 15                                                               | 1         | 0         | 16-QAM | 21.59  | 21.82  | 21.79   | 18.10      | 0.0646   |
| 15                                                               | 1         | 37        |        | 21.65  | 21.95  | 21.95   |            |          |
| 15                                                               | 1         | 74        |        | 22.03  | 22.26  | 22.23   |            |          |
| 15                                                               | 36        | 0         |        | 20.76  | 20.86  | 20.97   |            |          |
| 15                                                               | 36        | 20        |        | 21.06  | 21.04  | 21.16   |            |          |
| 15                                                               | 36        | 39        |        | 20.82  | 21.06  | 21.12   |            |          |
| 15                                                               | 75        | 0         |        | 20.79  | 20.89  | 21.02   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -4.16 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1         | 0         | QPSK   | 22.84  | 22.91  | 23.09   | 18.93      | 0.0782   |
| 10                                                               | 1         | 25        |        | 22.63  | 22.94  | 22.97   |            |          |
| 10                                                               | 1         | 49        |        | 22.74  | 22.83  | 23.04   |            |          |
| 10                                                               | 25        | 0         |        | 21.94  | 22.18  | 22.13   |            |          |
| 10                                                               | 25        | 12        |        | 21.89  | 22.18  | 22.26   |            |          |
| 10                                                               | 25        | 25        |        | 21.82  | 21.96  | 21.96   |            |          |
| 10                                                               | 50        | 0         |        | 21.92  | 21.98  | 22.05   |            |          |
| 10                                                               | 1         | 0         | 16-QAM | 21.56  | 21.75  | 21.81   | 18.13      | 0.0650   |
| 10                                                               | 1         | 25        |        | 21.68  | 21.88  | 21.89   |            |          |
| 10                                                               | 1         | 49        |        | 21.97  | 22.20  | 22.29   |            |          |
| 10                                                               | 25        | 0         |        | 20.76  | 20.89  | 21.00   |            |          |
| 10                                                               | 25        | 12        |        | 20.94  | 21.14  | 21.11   |            |          |
| 10                                                               | 25        | 25        |        | 20.82  | 21.05  | 21.13   |            |          |
| 10                                                               | 50        | 0         |        | 20.80  | 20.94  | 20.94   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -4.16 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1         | 0         | QPSK   | 22.85  | 22.92  | 22.99   | 18.87      | 0.0771   |
| 5                                                                | 1         | 12        |        | 22.59  | 22.93  | 22.98   |            |          |
| 5                                                                | 1         | 24        |        | 22.70  | 22.84  | 23.03   |            |          |
| 5                                                                | 12        | 0         |        | 21.96  | 22.17  | 22.14   |            |          |
| 5                                                                | 12        | 7         |        | 21.93  | 22.08  | 22.27   |            |          |
| 5                                                                | 12        | 13        |        | 21.74  | 21.98  | 21.97   |            |          |
| 5                                                                | 25        | 0         |        | 21.82  | 22.01  | 22.07   |            |          |
| 5                                                                | 1         | 0         | 16-QAM | 21.68  | 21.72  | 21.82   | 18.08      | 0.0643   |
| 5                                                                | 1         | 12        |        | 21.68  | 21.94  | 21.95   |            |          |
| 5                                                                | 1         | 24        |        | 21.98  | 22.14  | 22.24   |            |          |
| 5                                                                | 12        | 0         |        | 20.84  | 20.96  | 21.02   |            |          |
| 5                                                                | 12        | 7         |        | 20.94  | 21.13  | 21.10   |            |          |
| 5                                                                | 12        | 13        |        | 20.81  | 20.95  | 21.14   |            |          |
| 5                                                                | 25        | 0         |        | 20.79  | 20.97  | 20.95   |            |          |
| Limit                                                            | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK   | 22.72  | 22.84  | 22.83   | 23.92      | 0.2466   |
| 20                                                          | 1         | 49        |        | 22.57  | 22.66  | 22.68   |            |          |
| 20                                                          | 1         | 99        |        | 22.61  | 22.72  | 22.70   |            |          |
| 20                                                          | 50        | 0         |        | 21.64  | 21.75  | 21.74   |            |          |
| 20                                                          | 50        | 24        |        | 21.56  | 21.69  | 21.67   |            |          |
| 20                                                          | 50        | 50        |        | 21.59  | 21.69  | 21.65   |            |          |
| 20                                                          | 100       | 0         |        | 21.56  | 21.76  | 21.72   |            |          |
| 20                                                          | 1         | 0         | 16-QAM | 21.95  | 22.07  | 22.05   | 23.46      | 0.2218   |
| 20                                                          | 1         | 49        |        | 22.23  | 22.38  | 22.33   |            |          |
| 20                                                          | 1         | 99        |        | 21.90  | 21.97  | 21.98   |            |          |
| 20                                                          | 50        | 0         |        | 20.67  | 20.76  | 20.73   |            |          |
| 20                                                          | 50        | 24        |        | 20.67  | 20.72  | 20.69   |            |          |
| 20                                                          | 50        | 50        |        | 20.73  | 20.77  | 20.80   |            |          |
| 20                                                          | 100       | 0         |        | 20.75  | 20.80  | 20.86   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK   | 22.59  | 22.77  | 22.72   | 23.85      | 0.2427   |
| 15                                                          | 1         | 37        |        | 22.49  | 22.57  | 22.61   |            |          |
| 15                                                          | 1         | 74        |        | 22.49  | 22.68  | 22.63   |            |          |
| 15                                                          | 36        | 0         |        | 21.49  | 21.62  | 21.64   |            |          |
| 15                                                          | 36        | 20        |        | 21.53  | 21.58  | 21.59   |            |          |
| 15                                                          | 36        | 39        |        | 21.51  | 21.56  | 21.59   |            |          |
| 15                                                          | 75        | 0         |        | 21.42  | 21.64  | 21.62   |            |          |
| 15                                                          | 1         | 0         | 16-QAM | 21.89  | 21.99  | 21.94   | 23.43      | 0.2203   |
| 15                                                          | 1         | 37        |        | 22.11  | 22.35  | 22.28   |            |          |
| 15                                                          | 1         | 74        |        | 21.85  | 21.95  | 21.84   |            |          |
| 15                                                          | 36        | 0         |        | 20.61  | 20.74  | 20.70   |            |          |
| 15                                                          | 36        | 20        |        | 20.54  | 20.61  | 20.61   |            |          |
| 15                                                          | 36        | 39        |        | 20.63  | 20.71  | 20.66   |            |          |
| 15                                                          | 75        | 0         |        | 20.66  | 20.72  | 20.77   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK   | 22.70  | 22.73  | 22.80   | 23.88      | 0.2443   |
| 10                                                          | 1         | 25        |        | 22.48  | 22.63  | 22.58   |            |          |
| 10                                                          | 1         | 49        |        | 22.51  | 22.65  | 22.58   |            |          |
| 10                                                          | 25        | 0         |        | 21.61  | 21.74  | 21.69   |            |          |
| 10                                                          | 25        | 12        |        | 21.42  | 21.57  | 21.64   |            |          |
| 10                                                          | 25        | 25        |        | 21.47  | 21.67  | 21.60   |            |          |
| 10                                                          | 50        | 0         |        | 21.51  | 21.67  | 21.59   |            |          |
| 10                                                          | 1         | 0         | 16-QAM | 21.91  | 21.98  | 22.02   | 23.44      | 0.2208   |
| 10                                                          | 1         | 25        |        | 22.12  | 22.36  | 22.26   |            |          |
| 10                                                          | 1         | 49        |        | 21.88  | 21.88  | 21.87   |            |          |
| 10                                                          | 25        | 0         |        | 20.52  | 20.75  | 20.68   |            |          |
| 10                                                          | 25        | 12        |        | 20.52  | 20.59  | 20.55   |            |          |
| 10                                                          | 25        | 25        |        | 20.69  | 20.75  | 20.66   |            |          |
| 10                                                          | 50        | 0         |        | 20.67  | 20.67  | 20.79   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK   | 22.66  | 22.70  | 22.76   | 23.84      | 0.2421   |
| 5                                                           | 1         | 12        |        | 22.43  | 22.61  | 22.56   |            |          |
| 5                                                           | 1         | 24        |        | 22.59  | 22.60  | 22.68   |            |          |
| 5                                                           | 12        | 0         |        | 21.62  | 21.61  | 21.66   |            |          |
| 5                                                           | 12        | 7         |        | 21.48  | 21.68  | 21.63   |            |          |
| 5                                                           | 12        | 13        |        | 21.52  | 21.55  | 21.52   |            |          |
| 5                                                           | 25        | 0         |        | 21.44  | 21.75  | 21.71   |            |          |
| 5                                                           | 1         | 0         | 16-QAM | 21.84  | 22.01  | 22.03   | 23.39      | 0.2183   |
| 5                                                           | 1         | 12        |        | 22.13  | 22.31  | 22.29   |            |          |
| 5                                                           | 1         | 24        |        | 21.84  | 21.94  | 21.86   |            |          |
| 5                                                           | 12        | 0         |        | 20.59  | 20.68  | 20.67   |            |          |
| 5                                                           | 12        | 7         |        | 20.62  | 20.71  | 20.67   |            |          |
| 5                                                           | 12        | 13        |        | 20.67  | 20.73  | 20.68   |            |          |
| 5                                                           | 25        | 0         |        | 20.73  | 20.76  | 20.78   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                           | 1         | 0         | QPSK   | 22.70  | 22.73  | 22.82   | 23.90      | 0.2455   |
| 3                                                           | 1         | 8         |        | 22.46  | 22.60  | 22.64   |            |          |
| 3                                                           | 1         | 14        |        | 22.47  | 22.62  | 22.60   |            |          |
| 3                                                           | 8         | 0         |        | 21.56  | 21.68  | 21.67   |            |          |
| 3                                                           | 8         | 4         |        | 21.46  | 21.64  | 21.61   |            |          |
| 3                                                           | 8         | 7         |        | 21.51  | 21.59  | 21.61   |            |          |
| 3                                                           | 15        | 0         |        | 21.44  | 21.64  | 21.66   |            |          |
| 3                                                           | 1         | 0         | 16-QAM | 21.83  | 21.93  | 21.95   | 23.35      | 0.2163   |
| 3                                                           | 1         | 8         |        | 22.18  | 22.27  | 22.18   |            |          |
| 3                                                           | 1         | 14        |        | 21.80  | 21.83  | 21.93   |            |          |
| 3                                                           | 8         | 0         |        | 20.64  | 20.67  | 20.60   |            |          |
| 3                                                           | 8         | 4         |        | 20.61  | 20.66  | 20.64   |            |          |
| 3                                                           | 8         | 7         |        | 20.61  | 20.72  | 20.77   |            |          |
| 3                                                           | 15        | 0         |        | 20.71  | 20.73  | 20.72   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.08 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                         | 1         | 0         | QPSK   | 22.61  | 22.72  | 22.74   | 23.82      | 0.2410   |
| 1.4                                                         | 1         | 3         |        | 22.51  | 22.56  | 22.56   |            |          |
| 1.4                                                         | 1         | 5         |        | 22.48  | 22.57  | 22.61   |            |          |
| 1.4                                                         | 3         | 0         |        | 22.49  | 22.74  | 22.63   |            |          |
| 1.4                                                         | 3         | 1         |        | 22.53  | 22.55  | 22.65   |            |          |
| 1.4                                                         | 3         | 3         |        | 22.47  | 22.57  | 22.51   |            |          |
| 1.4                                                         | 6         | 0         |        | 21.42  | 21.73  | 21.59   |            |          |
| 1.4                                                         | 1         | 0         | 16-QAM | 21.83  | 21.99  | 21.98   | 23.39      | 0.2183   |
| 1.4                                                         | 1         | 3         |        | 22.18  | 22.27  | 22.31   |            |          |
| 1.4                                                         | 1         | 5         |        | 21.88  | 21.88  | 21.90   |            |          |
| 1.4                                                         | 3         | 0         |        | 21.62  | 21.70  | 21.69   |            |          |
| 1.4                                                         | 3         | 1         |        | 21.65  | 21.67  | 21.60   |            |          |
| 1.4                                                         | 3         | 3         |        | 21.72  | 21.69  | 21.69   |            |          |
| 1.4                                                         | 6         | 0         |        | 20.74  | 20.67  | 20.79   |            |          |
| Limit                                                       | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.54 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20                                                           | 1        | 0         | QPSK   | 23.75  | 23.87  | 23.84   | 20.18     | 0.1042  |
| 20                                                           | 1        | 49        |        | 23.73  | 23.82  | 23.78   |           |         |
| 20                                                           | 1        | 99        |        | 23.66  | 23.83  | 23.76   |           |         |
| 20                                                           | 50       | 0         |        | 22.81  | 22.93  | 22.90   |           |         |
| 20                                                           | 50       | 24        |        | 22.82  | 22.97  | 22.98   |           |         |
| 20                                                           | 50       | 50        |        | 22.66  | 22.83  | 22.76   |           |         |
| 20                                                           | 100      | 0         |        | 22.86  | 22.98  | 22.95   |           |         |
| 20                                                           | 1        | 0         | 16-QAM | 22.79  | 22.90  | 22.83   | 19.58     | 0.0908  |
| 20                                                           | 1        | 49        |        | 22.86  | 22.92  | 22.91   |           |         |
| 20                                                           | 1        | 99        |        | 23.19  | 23.27  | 23.26   |           |         |
| 20                                                           | 50       | 0         |        | 21.81  | 21.98  | 21.96   |           |         |
| 20                                                           | 50       | 24        |        | 21.76  | 21.87  | 21.89   |           |         |
| 20                                                           | 50       | 50        |        | 21.78  | 21.82  | 21.85   |           |         |
| 20                                                           | 100      | 0         |        | 21.76  | 21.86  | 21.81   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.54 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                           | 1        | 0         | QPSK   | 23.65  | 23.74  | 23.79   | 20.10     | 0.1023  |
| 15                                                           | 1        | 37        |        | 23.58  | 23.73  | 23.72   |           |         |
| 15                                                           | 1        | 74        |        | 23.56  | 23.69  | 23.72   |           |         |
| 15                                                           | 36       | 0         |        | 22.75  | 22.78  | 22.78   |           |         |
| 15                                                           | 36       | 20        |        | 22.75  | 22.88  | 22.84   |           |         |
| 15                                                           | 36       | 39        |        | 22.59  | 22.70  | 22.73   |           |         |
| 15                                                           | 75       | 0         |        | 22.72  | 22.90  | 22.93   |           |         |
| 15                                                           | 1        | 0         | 16-QAM | 22.74  | 22.82  | 22.79   | 19.51     | 0.0893  |
| 15                                                           | 1        | 37        |        | 22.72  | 22.91  | 22.84   |           |         |
| 15                                                           | 1        | 74        |        | 23.14  | 23.14  | 23.20   |           |         |
| 15                                                           | 36       | 0         |        | 21.78  | 21.87  | 21.83   |           |         |
| 15                                                           | 36       | 20        |        | 21.75  | 21.85  | 21.83   |           |         |
| 15                                                           | 36       | 39        |        | 21.74  | 21.70  | 21.80   |           |         |
| 15                                                           | 75       | 0         |        | 21.68  | 21.75  | 21.68   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.54 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.71  | 23.78  | 23.80   | 20.11     | 0.1026  |
| 10                                                           | 1        | 25        |        | 23.68  | 23.79  | 23.65   |           |         |
| 10                                                           | 1        | 49        |        | 23.53  | 23.71  | 23.65   |           |         |
| 10                                                           | 25       | 0         |        | 22.77  | 22.87  | 22.80   |           |         |
| 10                                                           | 25       | 12        |        | 22.69  | 22.85  | 22.94   |           |         |
| 10                                                           | 25       | 25        |        | 22.51  | 22.76  | 22.61   |           |         |
| 10                                                           | 50       | 0         |        | 22.73  | 22.88  | 22.87   |           |         |
| 10                                                           | 1        | 0         | 16-QAM | 22.74  | 22.86  | 22.78   | 19.48     | 0.0887  |
| 10                                                           | 1        | 25        |        | 22.84  | 22.83  | 22.84   |           |         |
| 10                                                           | 1        | 49        |        | 23.16  | 23.14  | 23.17   |           |         |
| 10                                                           | 25       | 0         |        | 21.75  | 21.94  | 21.83   |           |         |
| 10                                                           | 25       | 12        |        | 21.74  | 21.73  | 21.86   |           |         |
| 10                                                           | 25       | 25        |        | 21.63  | 21.79  | 21.84   |           |         |
| 10                                                           | 50       | 0         |        | 21.72  | 21.82  | 21.68   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.54 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.74  | 23.81  | 23.70   | 20.12     | 0.1028  |
| 5                                                            | 1        | 12        |        | 23.67  | 23.77  | 23.73   |           |         |
| 5                                                            | 1        | 24        |        | 23.57  | 23.70  | 23.72   |           |         |
| 5                                                            | 12       | 0         |        | 22.77  | 22.82  | 22.83   |           |         |
| 5                                                            | 12       | 7         |        | 22.79  | 22.90  | 22.84   |           |         |
| 5                                                            | 12       | 13        |        | 22.62  | 22.77  | 22.64   |           |         |
| 5                                                            | 25       | 0         |        | 22.71  | 22.83  | 22.84   |           |         |
| 5                                                            | 1        | 0         | 16-QAM | 22.72  | 22.81  | 22.72   | 19.48     | 0.0887  |
| 5                                                            | 1        | 12        |        | 22.80  | 22.77  | 22.77   |           |         |
| 5                                                            | 1        | 24        |        | 23.17  | 23.13  | 23.12   |           |         |
| 5                                                            | 12       | 0         |        | 21.71  | 21.88  | 21.85   |           |         |
| 5                                                            | 12       | 7         |        | 21.61  | 21.84  | 21.78   |           |         |
| 5                                                            | 12       | 13        |        | 21.64  | 21.75  | 21.84   |           |         |
| 5                                                            | 25       | 0         |        | 21.63  | 21.76  | 21.76   |           |         |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |



## Appendix B. Radiated Spurious Emission Test Data

&lt;AWAN&gt;

### B1-1. Summary of each worse mode

| Mode | Band    | Part     | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | AmplCbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant  |
|------|---------|----------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|------|
| 13   | LTE B26 | Part 22H | H  | 2505       | -57.53      | RMS | 27.90           | -30.23       | 0.20        | -95.23      | 39.83          | -13.00      | -44.53      | V   | Main |
| 16   | LTE B25 | Part 24E | M  | 5613       | -47.77      | RMS | 32.85           | -26.61       | 0.55        | -95.23      | 40.67          | -13.00      | -34.77      | V   | Main |
| 1    | LTE B13 | Part 27F | H  | 1565       | -64.70      | RMS | 25.10           | -31.69       | 0.47        | -95.23      | 36.66          | -42.15      | -22.55      | H   | Main |
| 2    | LTE B13 | Part 27F | M  | 2333       | -59.47      | RMS | 27.20           | -30.46       | 0.29        | -95.23      | 38.73          | -13.00      | -46.47      | V   | Main |
| 5    | LTE B66 | Part 27L | H  | 7044       | -50.86      | RMS | 35.89           | -25.57       | 0.59        | -95.23      | 33.46          | -13.00      | -37.86      | H   | Main |
| 6    | LTE B7  | Part 27M | H  | 10204      | -44.56      | RMS | 38.80           | -24.09       | 0.59        | -95.23      | 35.37          | -25.00      | -19.56      | V   | Main |
| 25   | LTE B71 | Part 27N | M  | 2015       | -45.18      | RMS | 26.35           | -30.90       | 0.31        | -95.23      | 54.29          | -13.00      | -32.18      | H   | Main |
| 19   | LTE B14 | Part 90R | L  | 1577       | -64.41      | RMS | 25.17           | -31.66       | 0.45        | -95.23      | 36.86          | -42.15      | -22.26      | H   | Main |
| 20   | LTE B14 | Part 90R | M  | 1577       | -64.66      | RMS | 25.17           | -31.66       | 0.45        | -95.23      | 36.61          | -42.15      | -22.51      | V   | Main |
| 21   | LTE B26 | Part 90S | M  | 2456       | -57.44      | RMS | 27.56           | -30.29       | 0.22        | -95.23      | 40.30          | -13.00      | -44.44      | V   | Main |
| 22   | LTE B26 | Part 90S | L  | 2443       | -56.40      | RMS | 27.50           | -30.31       | 0.23        | -95.23      | 41.41          | -13.00      | -43.40      | V   | Main |
| 23   | LTE B26 | Part 90S | M  | 2444       | -55.92      | RMS | 27.50           | -30.31       | 0.23        | -95.23      | 41.88          | -13.00      | -42.92      | V   | Main |

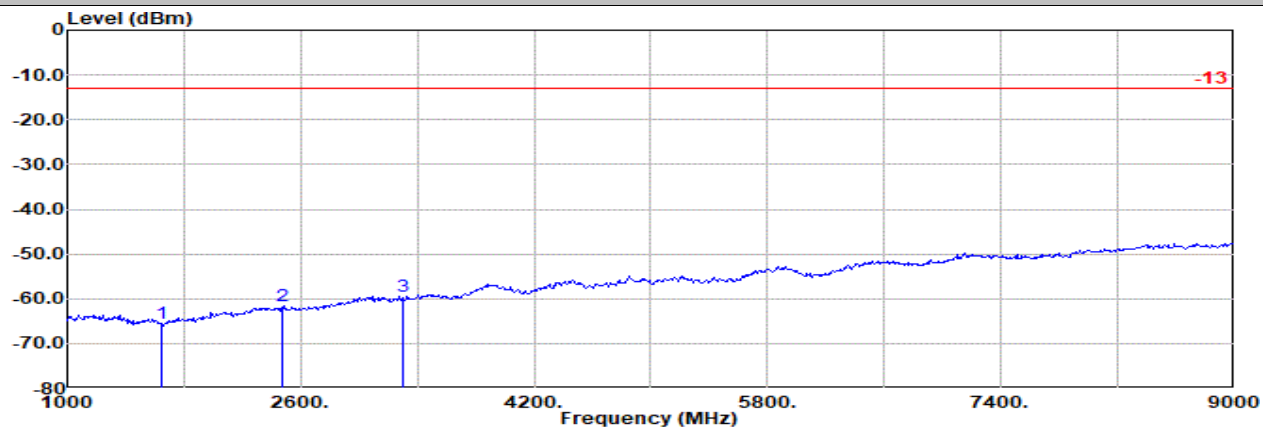


Ant. Main

Part 22H Mode 13

LTE B26 15M Ch26865 1RB0 QPSK

L

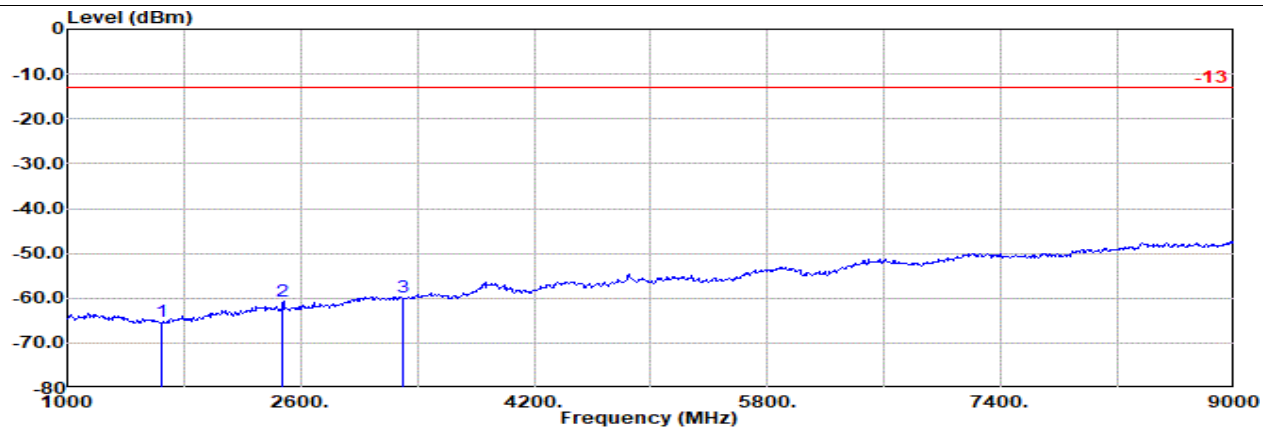


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 26 15M Ch26865 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1650.00 | -65.56 | RMS      | 24.90      | -31.53 | 0.41     | -95.23 | 35.90    | -13.00 | -52.56 | Horizontal |
| 2 | 2475.00 | -61.67 | RMS      | 27.65      | -30.27 | 0.22     | -95.23 | 35.96    | -13.00 | -48.67 | Horizontal |
| 3 | 3299.00 | -59.43 | RMS      | 29.60      | -29.08 | 0.20     | -95.23 | 35.08    | -13.00 | -46.43 | Horizontal |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 26 15M Ch26865 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1650.00 | -65.34 | RMS      | 24.90      | -31.53 | 0.41     | -95.23 | 36.12    | -13.00 | -52.34 | Vertical |
| 2 | 2475.00 | -60.81 | RMS      | 27.65      | -30.27 | 0.22     | -95.23 | 36.83    | -13.00 | -47.81 | Vertical |
| 3 | 3299.00 | -59.77 | RMS      | 29.60      | -29.08 | 0.20     | -95.23 | 34.74    | -13.00 | -46.77 | Vertical |

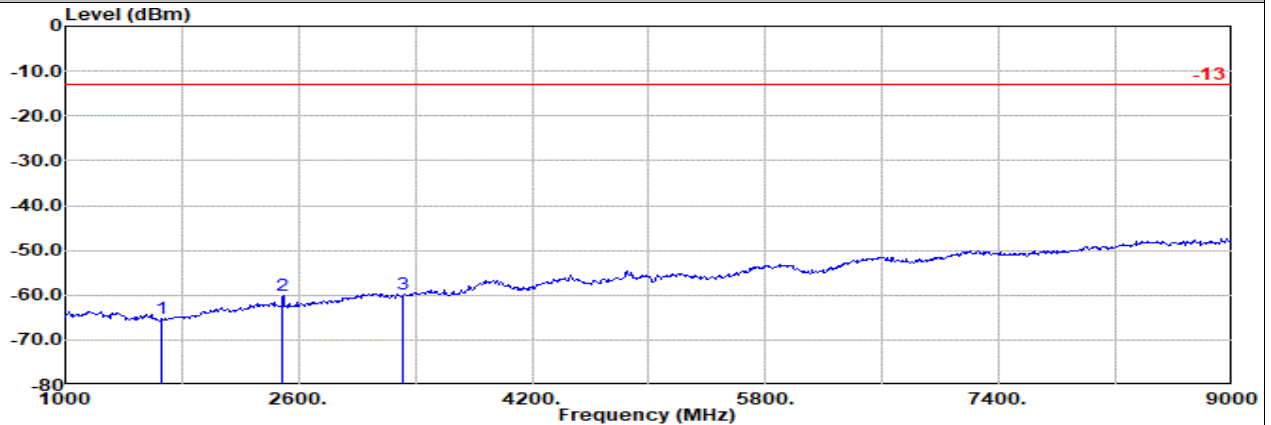


## Ant. Main

## Part 22H Mode 13

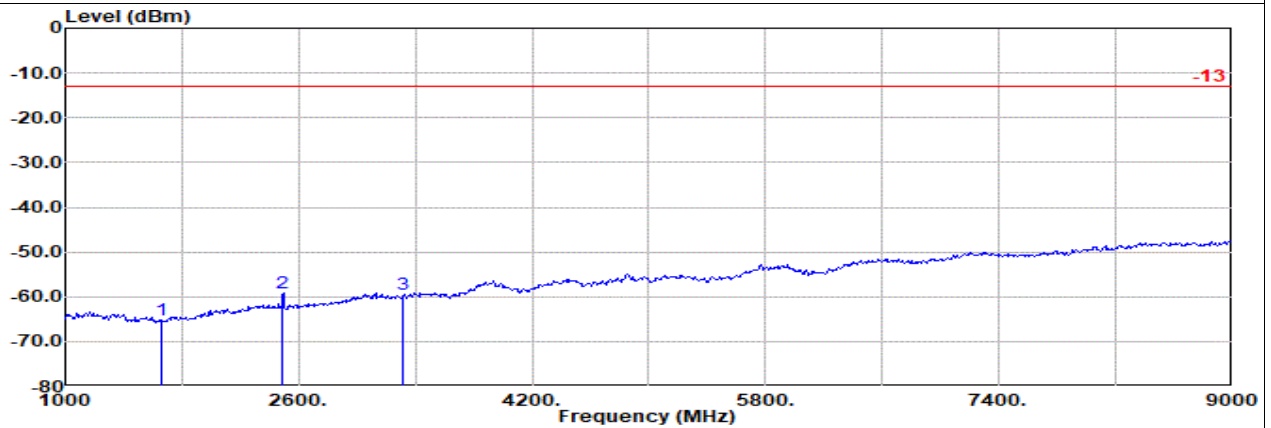
## LTE B26 15M Ch26915 1RB0 QPSK

## M



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 15M Ch26915 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1660.00 | -65.36 | RMS      |            | 25.00 | -31.52 | 0.40   | -95.23 | 35.99  | -13.00 | -52.36 |  | Horizontal |
| 2 | 2490.00 | -60.05 | RMS      |            | 27.80 | -30.25 | 0.21   | -95.23 | 37.42  | -13.00 | -47.05 |  | Horizontal |
| 3 | 3319.00 | -59.71 | RMS      |            | 29.60 | -29.05 | 0.22   | -95.23 | 34.75  | -13.00 | -46.71 |  | Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 15M Ch26915 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1660.00 | -65.19 | RMS      |            | 25.00 | -31.52 | 0.40   | -95.23 | 36.16  | -13.00 | -52.19 |  | Vertical |
| 2 | 2490.00 | -59.27 | RMS      |            | 27.80 | -30.25 | 0.21   | -95.23 | 38.20  | -13.00 | -46.27 |  | Vertical |
| 3 | 3319.00 | -59.43 | RMS      |            | 29.60 | -29.05 | 0.22   | -95.23 | 35.03  | -13.00 | -46.43 |  | Vertical |

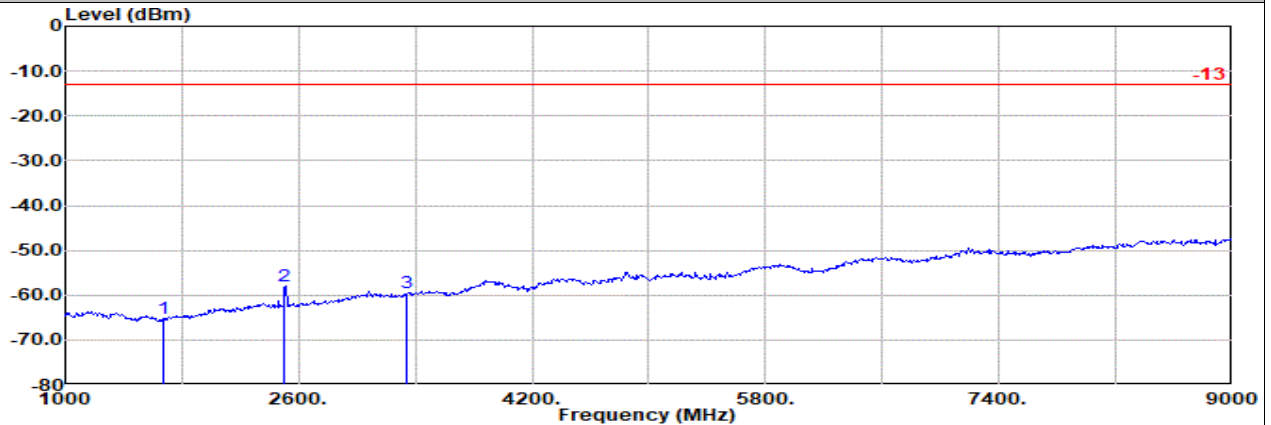


## Ant. Main

## Part 22H Mode 13

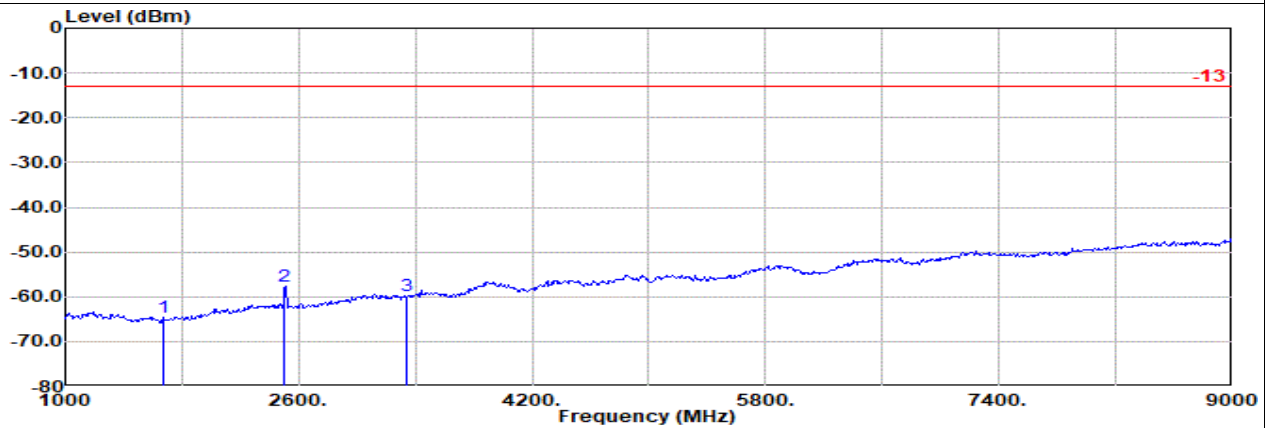
## LTE B26 15M Ch26965 1RB0 QPSK

## H



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 15M Ch26965 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb |      | Filter | EIRPCF | Readin g | Limit  | Margin     | Pol |
|---|---------|--------|----------|------------|--------|------|--------|--------|----------|--------|------------|-----|
|   |         |        |          |            | dB/m   | dB   |        |        |          |        |            |     |
|   | MHz     | dBm    |          |            |        |      | dB     | dB     | dBuV     | dBm    | dB         |     |
| 1 | 1670.00 | -65.24 | RMS      | 25.00      | -31.50 | 0.40 | -95.23 | 36.09  | -13.00   | -52.24 | Horizontal |     |
| 2 | 2505.00 | -57.85 | RMS      | 27.90      | -30.23 | 0.20 | -95.23 | 39.51  | -13.00   | -44.85 | Horizontal |     |
| 3 | 3339.00 | -59.41 | RMS      | 29.60      | -29.02 | 0.23 | -95.23 | 35.01  | -13.00   | -46.41 | Horizontal |     |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 15M Ch26965 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb |      | Filter | EIRPCF | Readin g | Limit  | Margin   | Pol |
|---|---------|--------|----------|------------|--------|------|--------|--------|----------|--------|----------|-----|
|   |         |        |          |            | dB/m   | dB   |        |        |          |        |          |     |
|   | MHz     | dBm    |          |            |        |      | dB     | dB     | dBuV     | dBm    | dB       |     |
| 1 | 1670.00 | -64.65 | RMS      | 25.00      | -31.50 | 0.40 | -95.23 | 36.68  | -13.00   | -51.65 | Vertical |     |
| 2 | 2505.00 | -57.53 | RMS      | 27.90      | -30.23 | 0.20 | -95.23 | 39.83  | -13.00   | -44.53 | Vertical |     |
| 3 | 3339.00 | -59.71 | RMS      | 29.60      | -29.02 | 0.23 | -95.23 | 34.71  | -13.00   | -46.71 | Vertical |     |

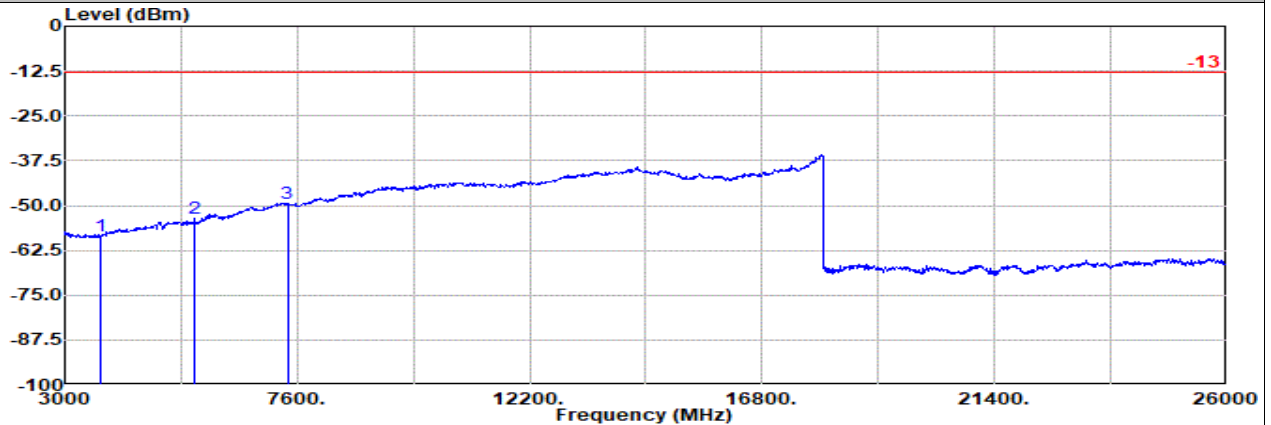


## Ant. Main

Part 24E Mode 16

LTE B25 20M Ch26140 1RB0 QPSK

L

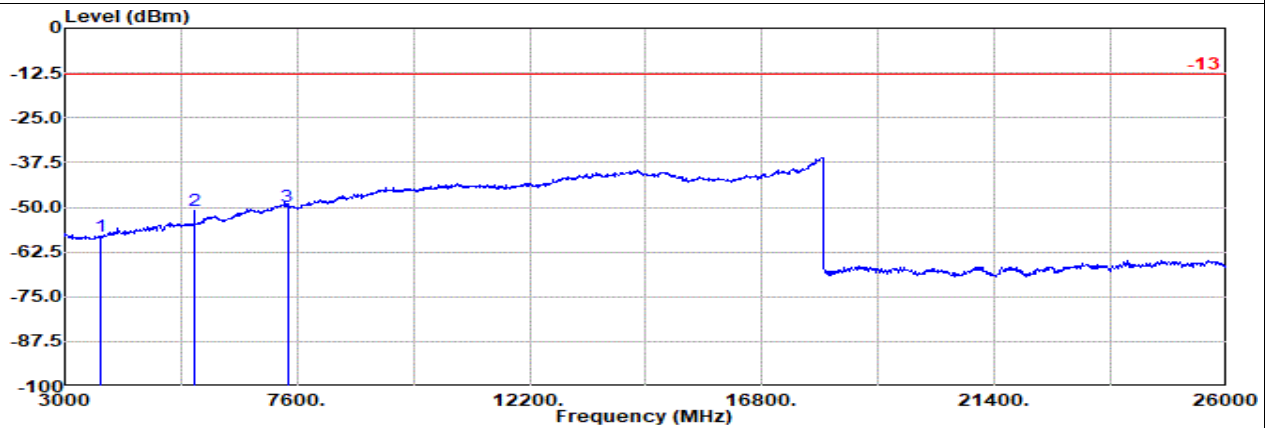


Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Horizontal

: LTE Band 25 20M Ch26140 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3702.18 | -58.47 | RMS      | 29.81             | -28.69 | 0.99   | -95.23 | 0.00  | -13.00     | -45.47 Horizontal |
| 2 | 5553.27 | -53.56 | RMS      | 32.80             | -26.64 | 0.55   | -95.23 | 34.96 | -13.00     | -40.56 Horizontal |
| 3 | 7404.36 | -49.42 | RMS      | 36.38             | -25.24 | 0.65   | -95.23 | 34.02 | -13.00     | -36.42 Horizontal |



Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Vertical

: LTE Band 25 20M Ch26140 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3702.18 | -57.97 | RMS      | 29.81             | -28.69 | 0.99   | -95.23 | 35.15 | -13.00     | -44.97 Vertical |
| 2 | 5553.27 | -50.90 | RMS      | 32.80             | -26.64 | 0.55   | -95.23 | 37.62 | -13.00     | -37.90 Vertical |
| 3 | 7404.36 | -49.76 | RMS      | 36.38             | -25.24 | 0.65   | -95.23 | 33.68 | -13.00     | -36.76 Vertical |

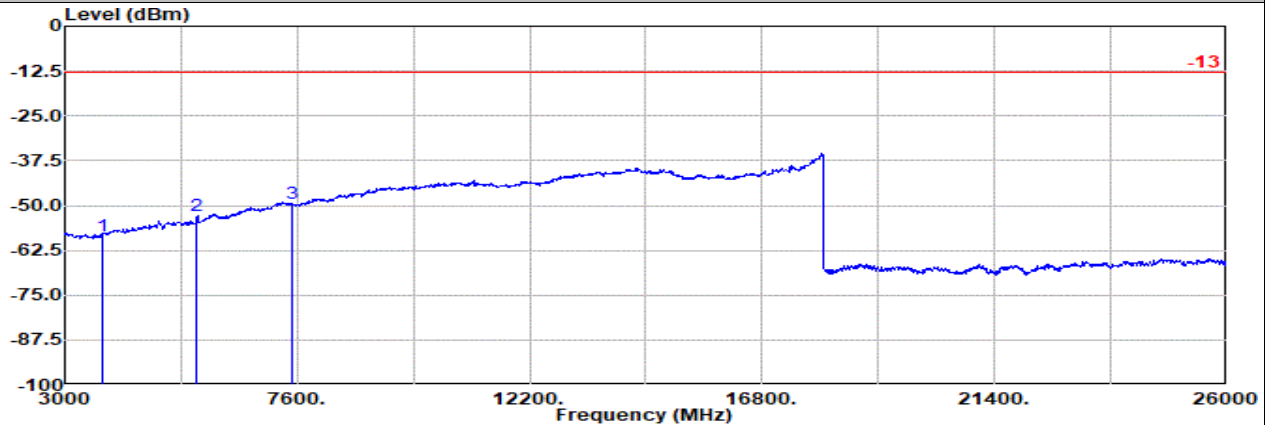


## Ant. Main

## Part 24E Mode 16

LTE B25 20M Ch26340 1RB0 QPSK

M

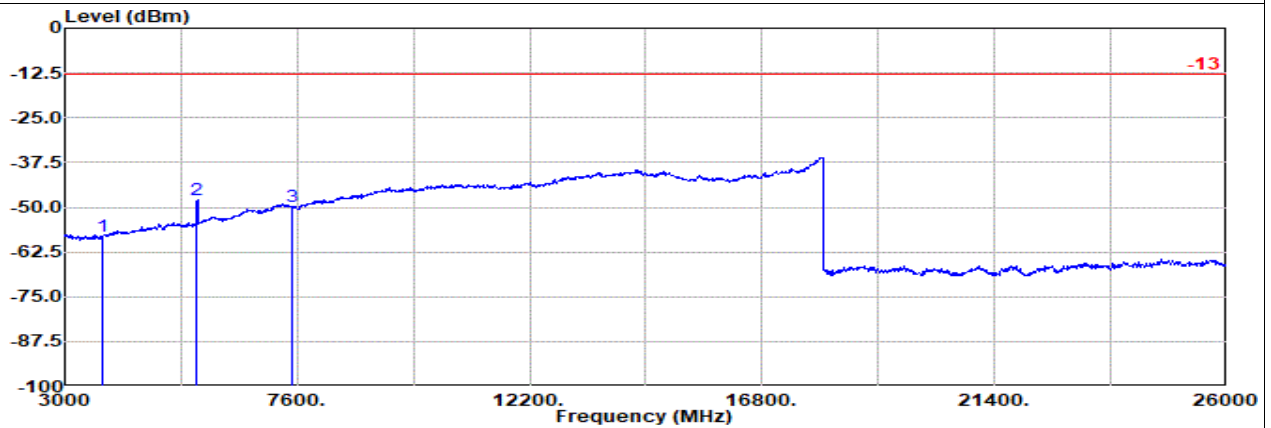


Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Horizontal

: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3742.18 | -58.31 | RMS      | 29.97             | -28.69 | 0.96   | -95.23 | 34.68 | -13.00     | -45.31 Horizontal |
| 2 | 5613.27 | -52.82 | RMS      | 32.85             | -26.61 | 0.55   | -95.23 | 35.62 | -13.00     | -39.82 Horizontal |
| 3 | 7484.36 | -49.43 | RMS      | 36.13             | -25.19 | 0.63   | -95.23 | 34.23 | -13.00     | -36.43 Horizontal |



Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Vertical

: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3742.18 | -58.25 | RMS      | 29.97             | -28.69 | 0.96   | -95.23 | 34.74 | -13.00     | -45.25 Vertical |
| 2 | 5613.27 | -47.77 | RMS      | 32.85             | -26.61 | 0.55   | -95.23 | 40.67 | -13.00     | -34.77 Vertical |
| 3 | 7484.36 | -49.74 | RMS      | 36.13             | -25.19 | 0.63   | -95.23 | 33.92 | -13.00     | -36.74 Vertical |

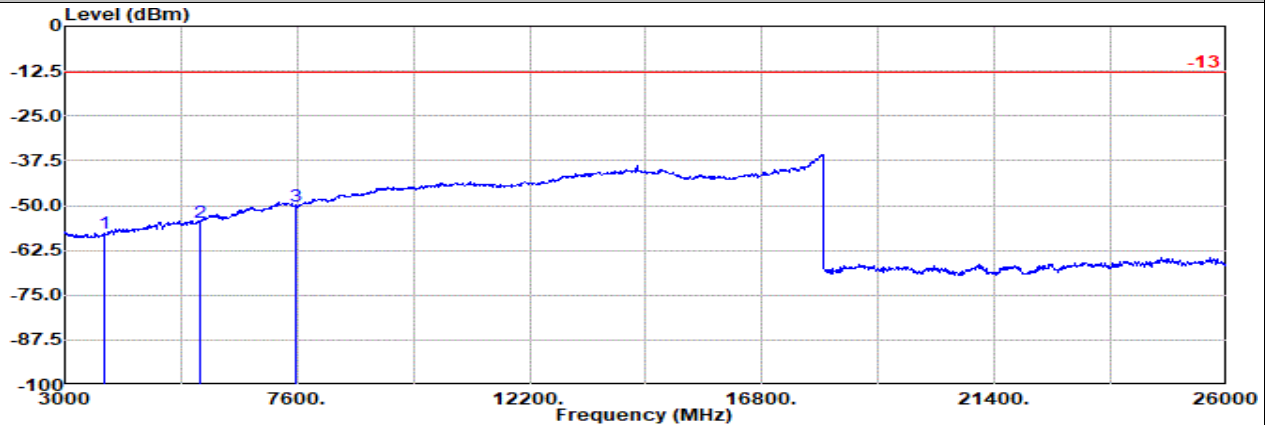


## Ant. Main

## Part 24E Mode 16

## LTE B25 20M Ch26590 1RB0 QPSK

## H

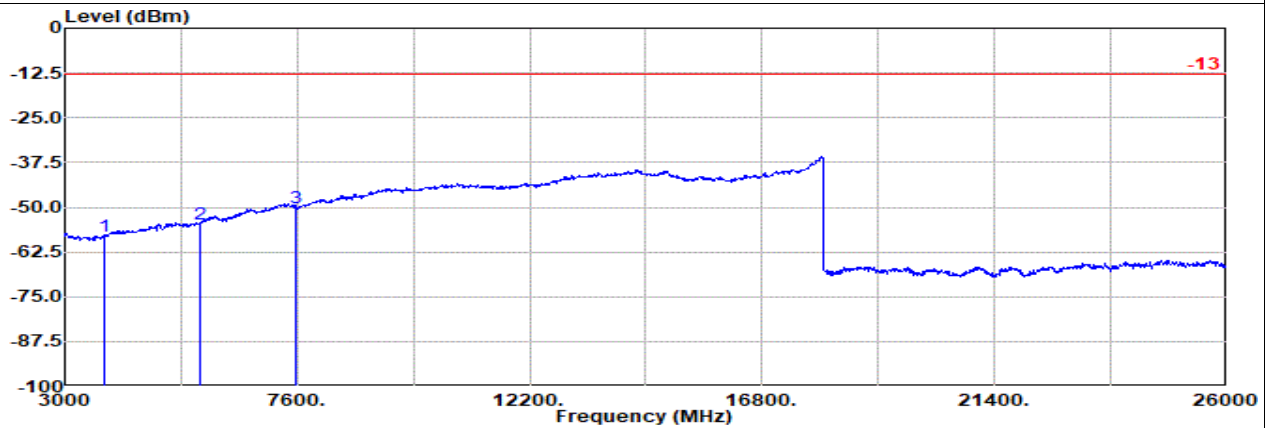


Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Horizontal

: LTE Band 25 20M Ch26590 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3792.18 | -57.88 | RMS      | 30.17             | -28.68 | 0.93   | -95.23 | 34.93 | -13.00     | -44.88 Horizontal |
| 2 | 5688.27 | -54.55 | RMS      | 33.31             | -26.57 | 0.58   | -95.23 | 33.36 | -13.00     | -41.55 Horizontal |
| 3 | 7584.36 | -50.29 | RMS      | 35.97             | -25.17 | 0.60   | -95.23 | 33.54 | -13.00     | -37.29 Horizontal |



Site : 03CH13-HY

Condition: -13 1m SHF\_1224 Vertical

: LTE Band 25 20M Ch26590 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3792.18 | -58.14 | RMS      | 30.17             | -28.68 | 0.93   | -95.23 | 34.67 | -13.00     | -45.14 Vertical |
| 2 | 5688.27 | -54.68 | RMS      | 33.31             | -26.57 | 0.58   | -95.23 | 33.23 | -13.00     | -41.68 Vertical |
| 3 | 7584.36 | -50.20 | RMS      | 35.97             | -25.17 | 0.60   | -95.23 | 33.63 | -13.00     | -37.20 Vertical |

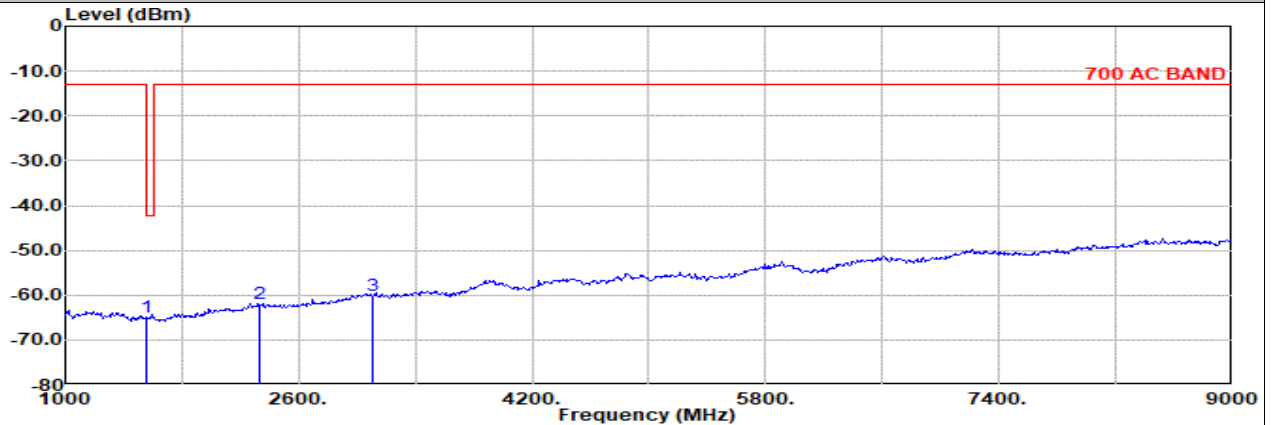


## Ant. Main

## Part 27F Mode 1

## LTE B13 5M Ch23205 1RB0 QPSK

L

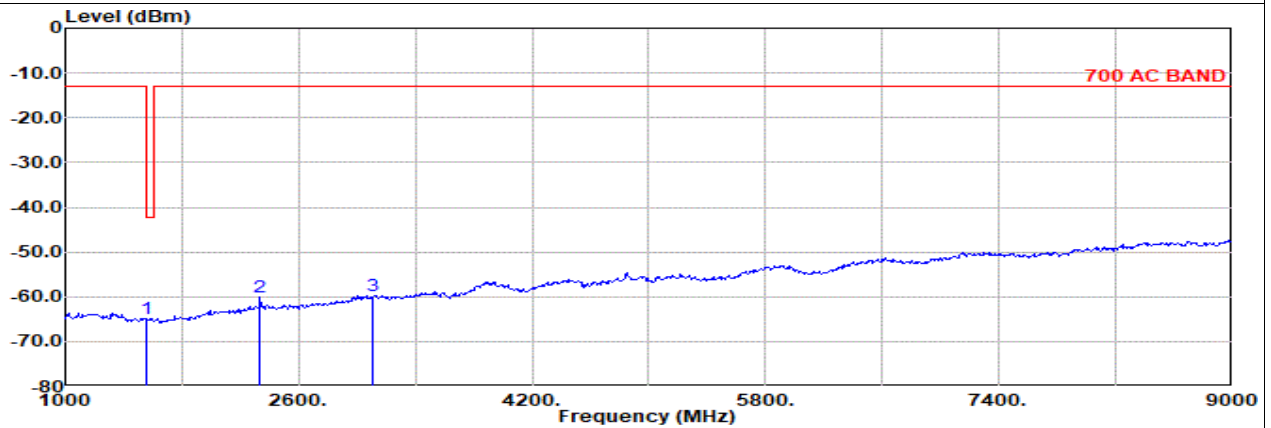


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 13 5M Ch23205 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1555.00 | -64.81 | RMS      |            | 25.10 | -31.71 | 0.47   | -95.23 | 36.55  | -13.00 | -51.81 |  | Horizontal |
| 2 | 2332.00 | -61.87 | RMS      |            | 27.20 | -30.47 | 0.29   | -95.23 | 36.34  | -13.00 | -48.87 |  | Horizontal |
| 3 | 3109.00 | -60.12 | RMS      |            | 29.64 | -29.35 | 0.11   | -95.23 | 34.71  | -13.00 | -47.12 |  | Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 13 5M Ch23205 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1555.00 | -64.79 | RMS      |            | 25.10 | -31.71 | 0.47   | -95.23 | 36.57  | -13.00 | -51.79 |  | Vertical |
| 2 | 2332.00 | -60.21 | RMS      |            | 27.20 | -30.47 | 0.29   | -95.23 | 38.00  | -13.00 | -47.21 |  | Vertical |
| 3 | 3109.00 | -59.91 | RMS      |            | 29.64 | -29.35 | 0.11   | -95.23 | 34.92  | -13.00 | -46.91 |  | Vertical |

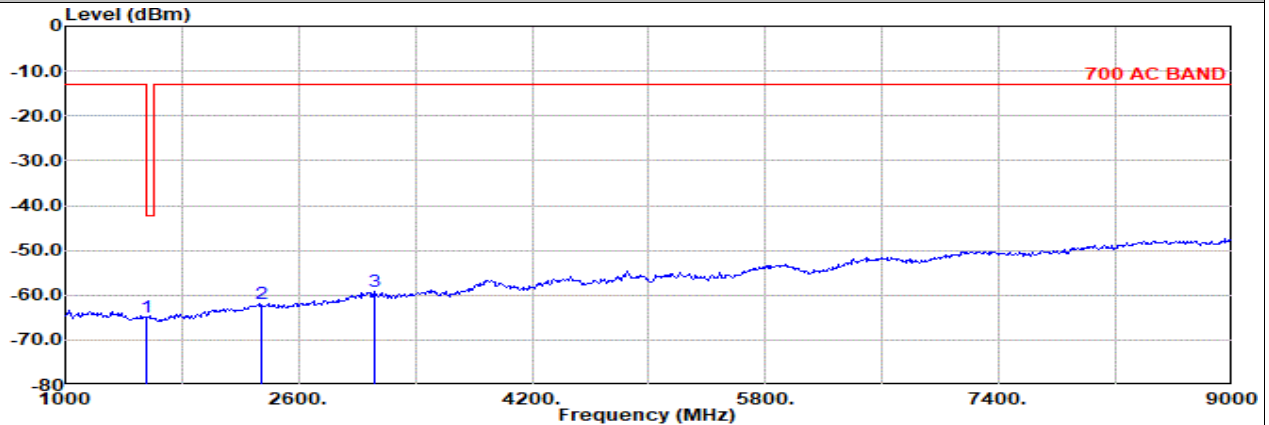


## Ant. Main

## Part 27F Mode 1

## LTE B13 5M Ch23230 1RB0 QPSK

## M

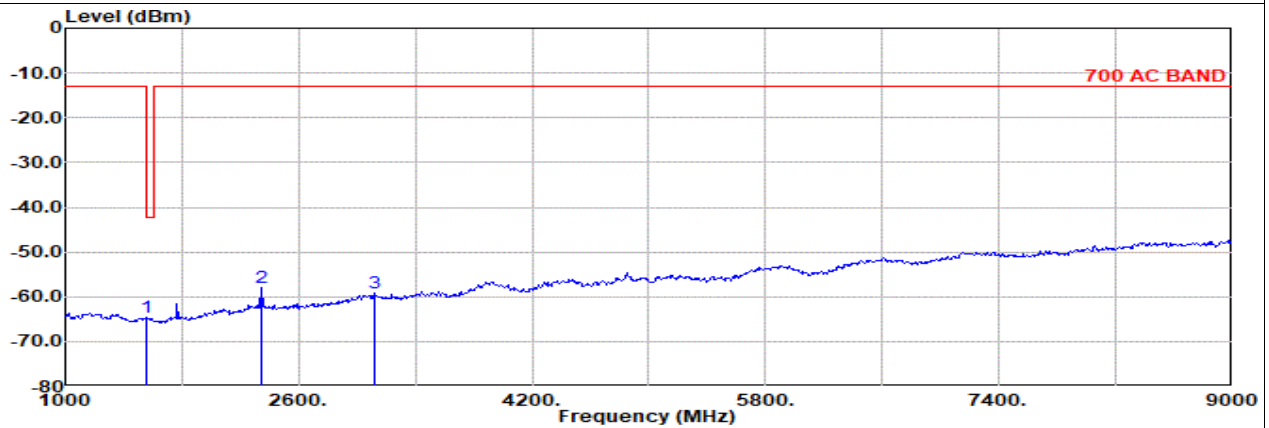


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 13 5M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1560.00 | -64.77 | RMS      | 25.10      | -31.70   | 0.47   | -95.23 | 36.59    | -42.15 | -22.62 | Horizontal |
| 2 | 2340.00 | -62.00 | RMS      | 27.20      | -30.45   | 0.28   | -95.23 | 36.20    | -13.00 | -49.00 | Horizontal |
| 3 | 3119.00 | -59.25 | RMS      | 29.68      | -29.34   | 0.11   | -95.23 | 35.53    | -13.00 | -46.25 | Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 13 5M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1560.00 | -64.74 | RMS      | 25.10      | -31.70   | 0.47   | -95.23 | 36.62    | -42.15 | -22.59 | Vertical |
| 2 | 2340.00 | -57.90 | RMS      | 27.20      | -30.45   | 0.28   | -95.23 | 40.30    | -13.00 | -44.90 | Vertical |
| 3 | 3119.00 | -59.30 | RMS      | 29.68      | -29.34   | 0.11   | -95.23 | 35.48    | -13.00 | -46.30 | Vertical |

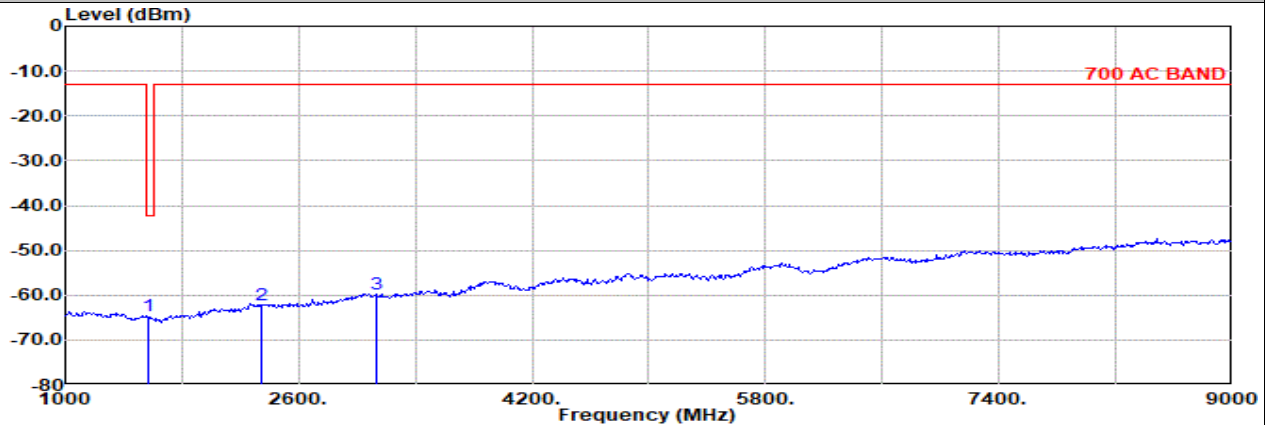


## Ant. Main

Part 27F Mode 1

LTE B13 5M Ch23255 1RB0 QPSK

H

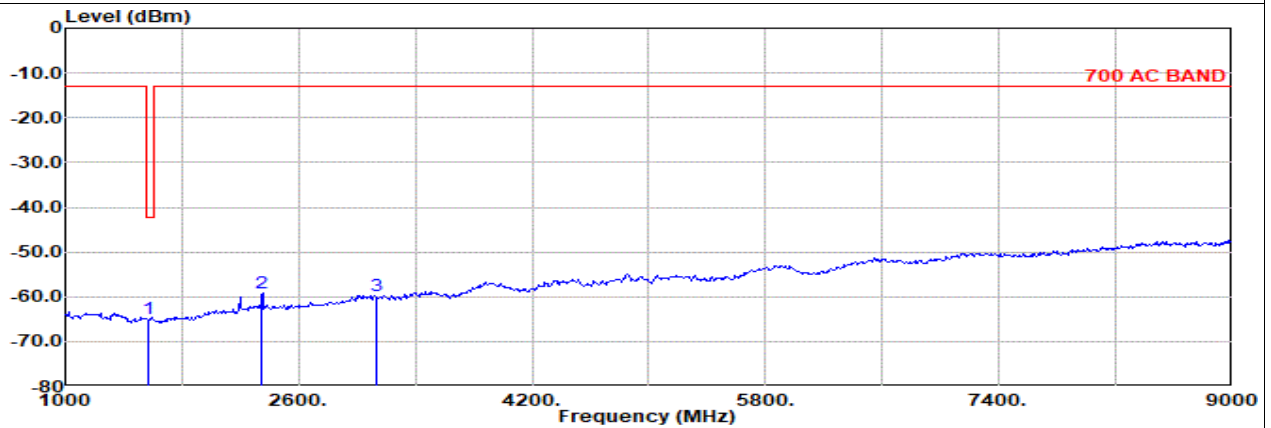


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 13 5M Ch23255 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 1565.00 | -64.70 | RMS      | 25.10             | -31.69 | 0.47   | -95.23 | 36.66 | -42.15     | -22.55 Horizontal |
| 2 | 2347.00 | -62.11 | RMS      | 27.20             | -30.44 | 0.28   | -95.23 | 36.08 | -13.00     | -49.11 Horizontal |
| 3 | 3129.00 | -59.68 | RMS      | 29.72             | -29.32 | 0.11   | -95.23 | 35.04 | -13.00     | -46.68 Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 13 5M Ch23255 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 1565.00 | -64.90 | RMS      | 25.10             | -31.69 | 0.47   | -95.23 | 36.46 | -42.15     | -22.75 Vertical |
| 2 | 2347.00 | -59.22 | RMS      | 27.20             | -30.44 | 0.28   | -95.23 | 38.97 | -13.00     | -46.22 Vertical |
| 3 | 3129.00 | -59.69 | RMS      | 29.72             | -29.32 | 0.11   | -95.23 | 35.03 | -13.00     | -46.69 Vertical |

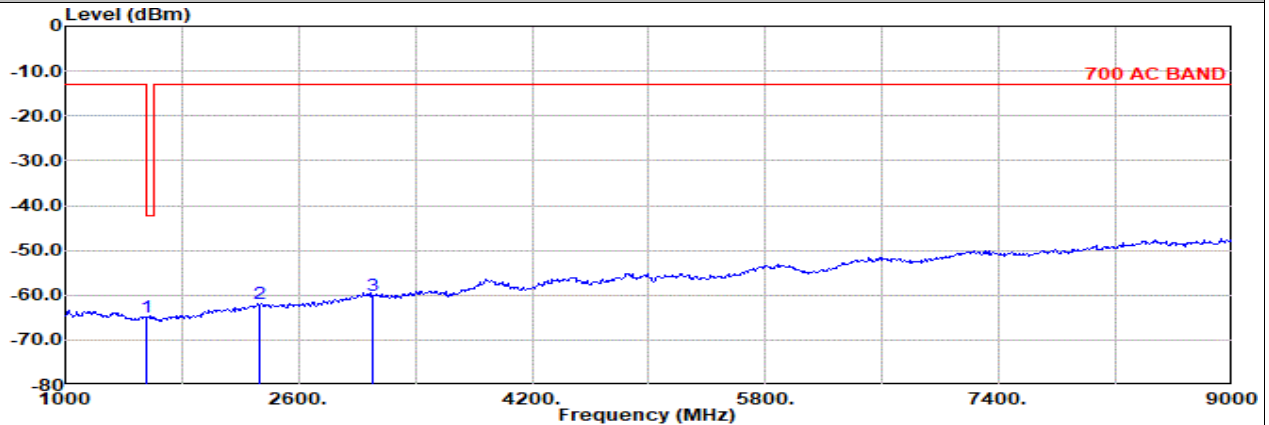


## Ant. Main

## Part 27F Mode 2

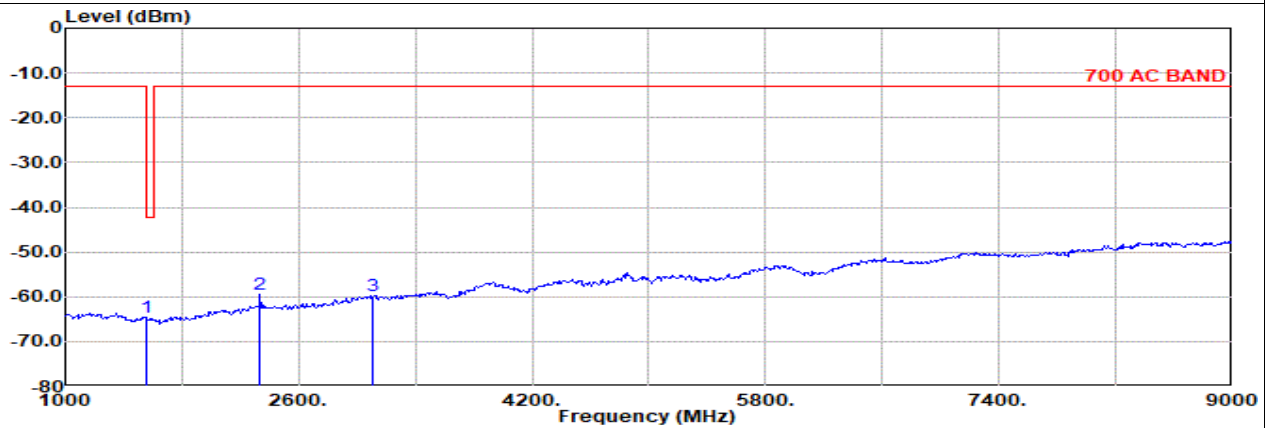
## LTE B13 10M Ch23230 1RB0 QPSK

## M



Site : 03CH13-HY  
Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 13 10M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1555.00 | -64.80 | RMS      |            | 25.10 | -31.71 | 0.47   | -95.23 | 36.56  | -13.00 | -51.80 |  | Horizontal |
| 2 | 2333.00 | -61.98 | RMS      |            | 27.20 | -30.46 | 0.29   | -95.23 | 36.22  | -13.00 | -48.98 |  | Horizontal |
| 3 | 3110.00 | -60.04 | RMS      |            | 29.64 | -29.35 | 0.11   | -95.23 | 34.79  | -13.00 | -47.04 |  | Horizontal |



Site : 03CH13-HY  
Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical  
: LTE Band 13 10M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1555.00 | -64.57 | RMS      |            | 25.10 | -31.71 | 0.47   | -95.23 | 36.79  | -13.00 | -51.57 |  | Vertical |
| 2 | 2333.00 | -59.47 | RMS      |            | 27.20 | -30.46 | 0.29   | -95.23 | 38.73  | -13.00 | -46.47 |  | Vertical |
| 3 | 3110.00 | -59.69 | RMS      |            | 29.64 | -29.35 | 0.11   | -95.23 | 35.14  | -13.00 | -46.69 |  | Vertical |

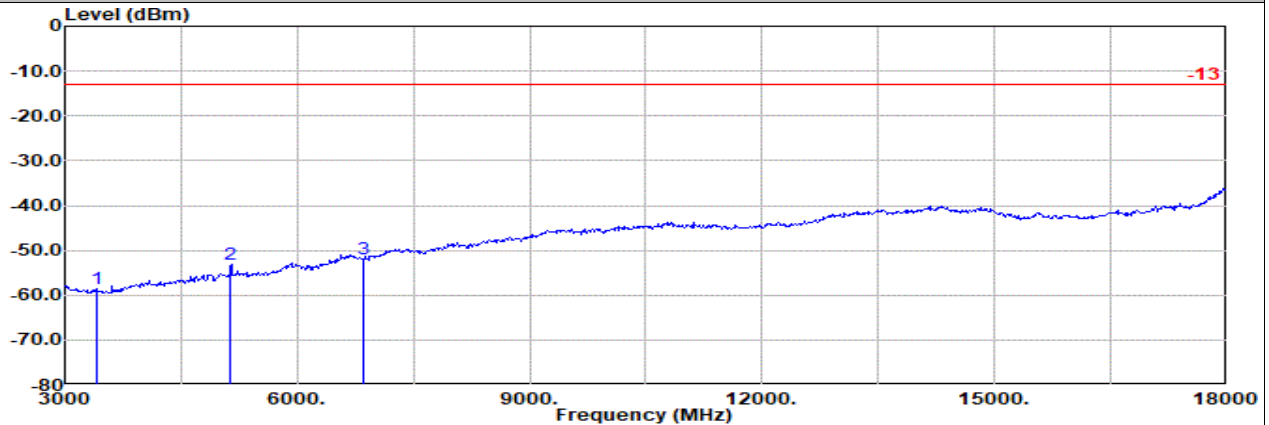


## Ant. Main

Part 27L Mode 5

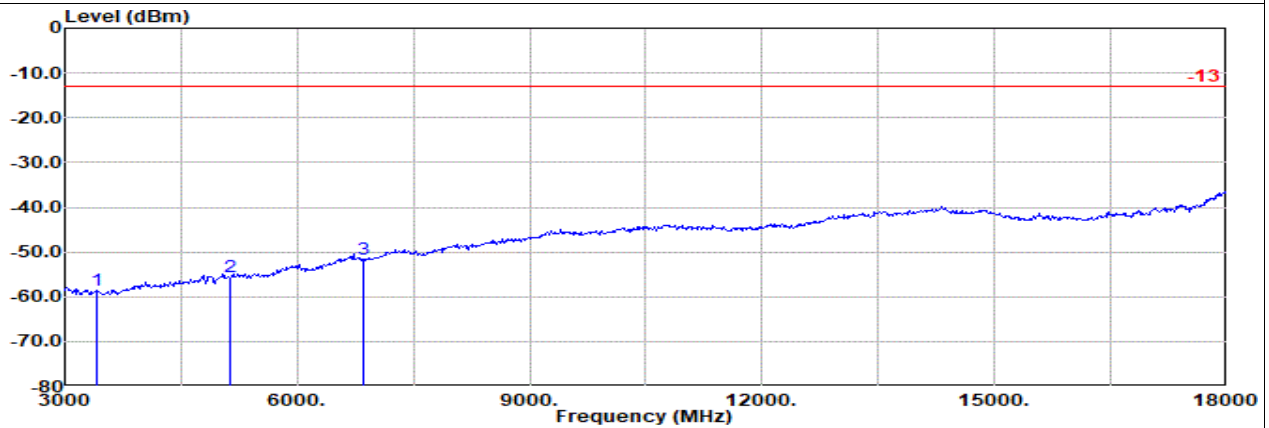
LTE B66 20M Ch132072 1RB0 QPSK

L



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 66 20M Ch132072 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        |        |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 3422.00 | -58.60 | RMS      | 29.46             | -28.90 | 1.29   | -95.23 | 34.78 | -13.00     | -45.60 |
| 2 | 5133.00 | -53.08 | RMS      | 32.87             | -27.24 | 0.65   | -95.23 | 35.87 | -13.00     | -40.08 |
| 3 | 6844.00 | -51.79 | RMS      | 35.70             | -25.63 | 0.59   | -95.23 | 32.78 | -13.00     | -38.79 |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 66 20M Ch132072 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        |        |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 3422.00 | -58.64 | RMS      | 29.46             | -28.90 | 1.29   | -95.23 | 34.74 | -13.00     | -45.64 |
| 2 | 5133.00 | -55.40 | RMS      | 32.87             | -27.24 | 0.65   | -95.23 | 33.55 | -13.00     | -42.40 |
| 3 | 6844.00 | -51.55 | RMS      | 35.70             | -25.63 | 0.59   | -95.23 | 33.02 | -13.00     | -38.55 |

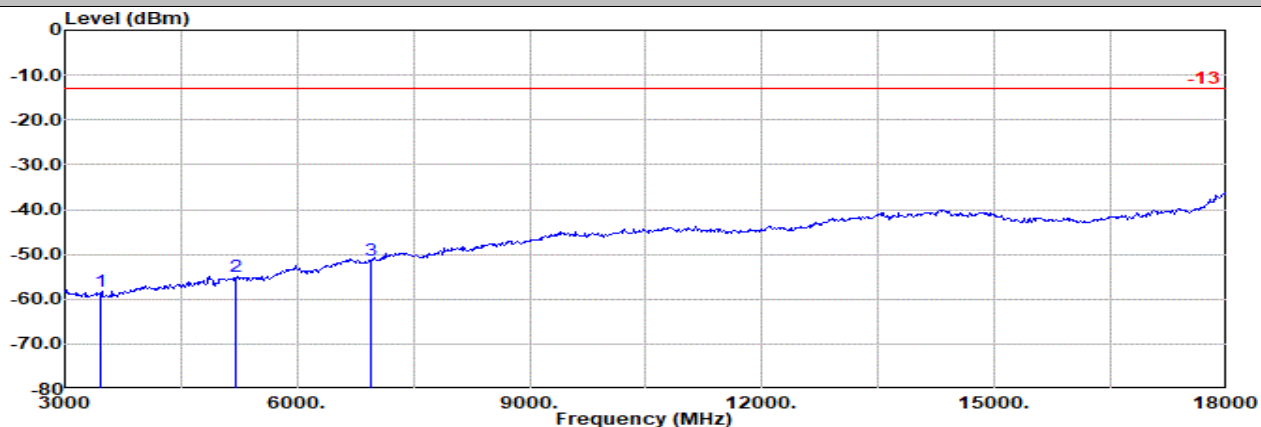


## Ant. Main

## Part 27L Mode 5

## LTE B66 20M Ch132322 1RB0 QPSK

## M

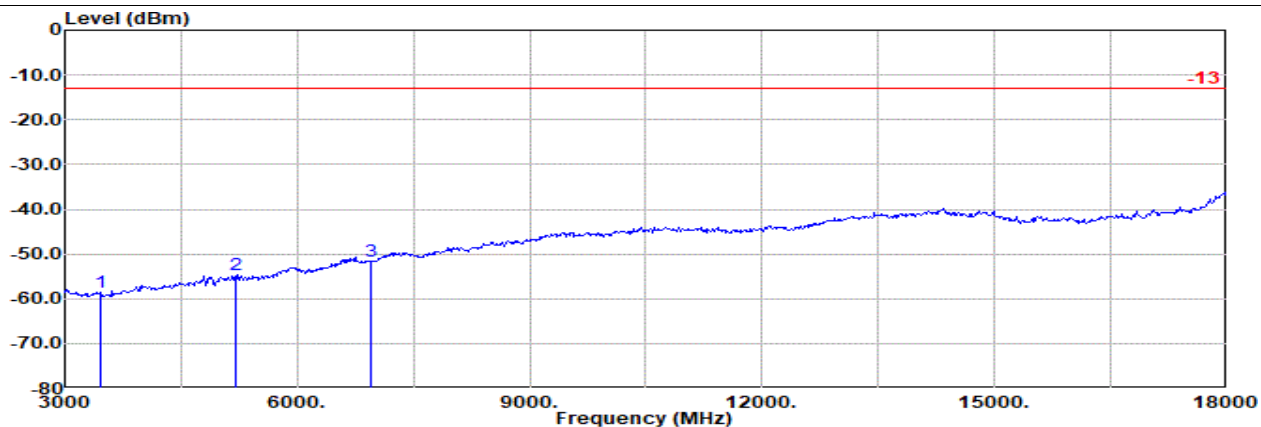


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq    |        | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin Pol |    |
|---|---------|--------|----------|------------|--------|--------|--------|-------|--------|--------|------------|----|
|   | MHz     | dBm    |          | Factor     | 1      |        | dB     | dB    |        | dBuV   | dBm        | dB |
| 1 | 3472.00 | -58.18 | RMS      | 29.40      | -28.82 | 1.22   | -95.23 | 35.25 | -13.00 | -45.18 | Horizontal |    |
| 2 | 5208.00 | -54.99 | RMS      | 33.00      | -27.11 | 0.65   | -95.23 | 33.70 | -13.00 | -41.99 | Horizontal |    |
| 3 | 6944.00 | -51.18 | RMS      | 35.79      | -25.62 | 0.58   | -95.23 | 33.30 | -13.00 | -38.18 | Horizontal |    |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq    |        | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin Pol |    |
|---|---------|--------|----------|------------|--------|--------|--------|-------|--------|--------|------------|----|
|   | MHz     | dBm    |          | Factor     | 1      |        | dB     | dB    |        | dBuV   | dBm        | dB |
| 1 | 3472.00 | -58.71 | RMS      | 29.40      | -28.82 | 1.22   | -95.23 | 34.72 | -13.00 | -45.71 | Vertical   |    |
| 2 | 5208.00 | -54.78 | RMS      | 33.00      | -27.11 | 0.65   | -95.23 | 33.91 | -13.00 | -41.78 | Vertical   |    |
| 3 | 6944.00 | -51.55 | RMS      | 35.79      | -25.62 | 0.58   | -95.23 | 32.93 | -13.00 | -38.55 | Vertical   |    |

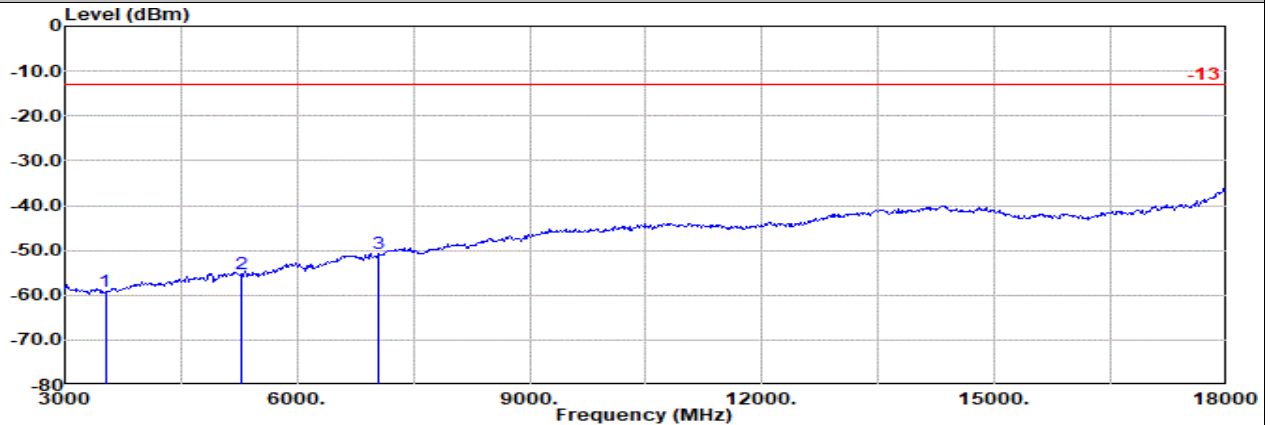


## Ant. Main

## Part 27L Mode 5

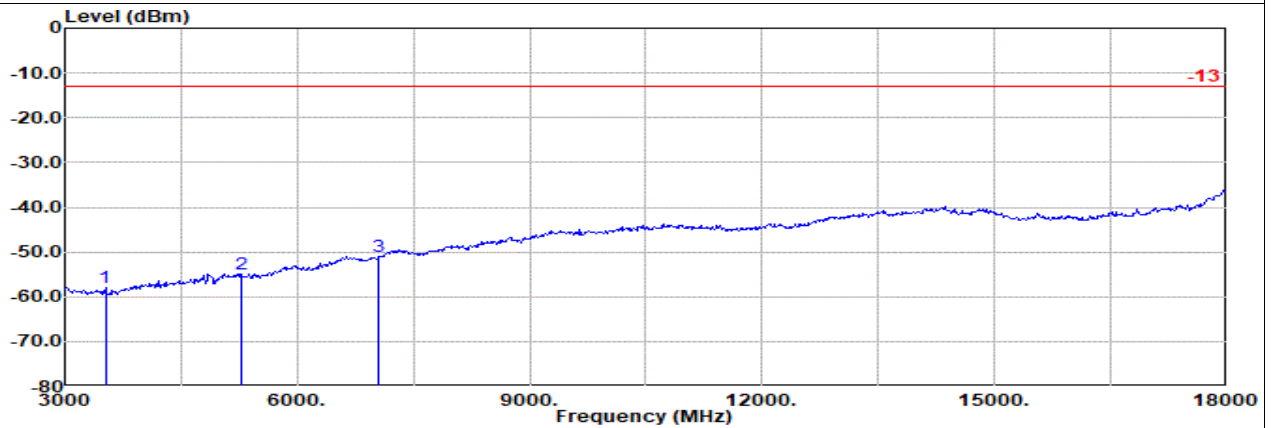
## LTE B66 20M Ch132572 1RB0 QPSK

## H



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 66 20M Ch132572 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | dB     |        |          | dBuV  | dBm    |        |            |
| 1 | 3522.00    | -59.11 | RMS      | 29.44             | -28.77 | 1.16   | -95.23   | 34.29 | -13.00 | -46.11 | Horizontal |
| 2 | 5283.00    | -55.25 | RMS      | 32.93             | -26.99 | 0.63   | -95.23   | 33.41 | -13.00 | -42.25 | Horizontal |
| 3 | 7044.00    | -50.86 | RMS      | 35.89             | -25.57 | 0.59   | -95.23   | 33.46 | -13.00 | -37.86 | Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 66 20M Ch132572 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | dB     |        |          | dBuV  | dBm    |        |          |
| 1 | 3522.00    | -57.85 | RMS      | 29.44             | -28.77 | 1.16   | -95.23   | 35.55 | -13.00 | -44.85 | Vertical |
| 2 | 5283.00    | -55.02 | RMS      | 32.93             | -26.99 | 0.63   | -95.23   | 33.64 | -13.00 | -42.02 | Vertical |
| 3 | 7044.00    | -51.14 | RMS      | 35.89             | -25.57 | 0.59   | -95.23   | 33.18 | -13.00 | -38.14 | Vertical |

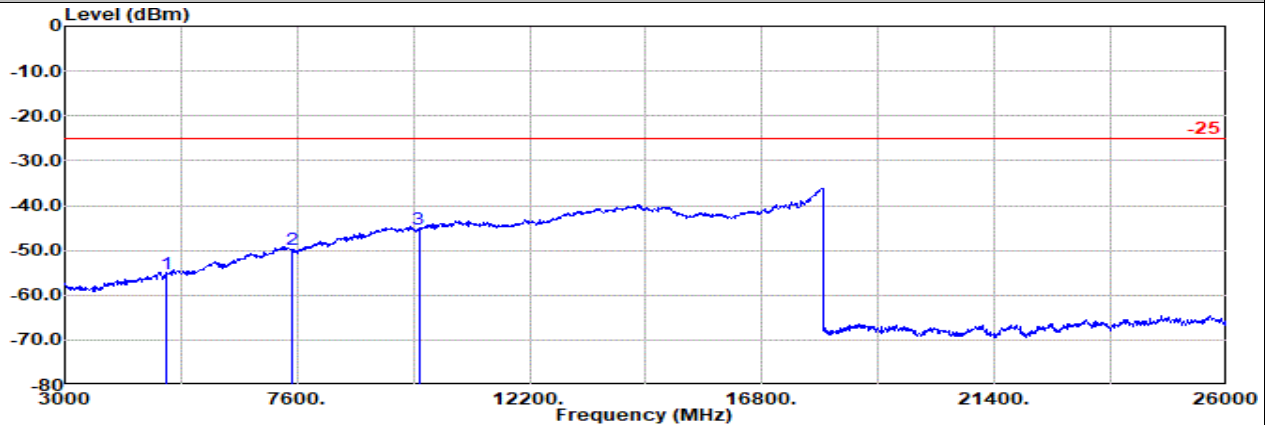


## Ant. Main

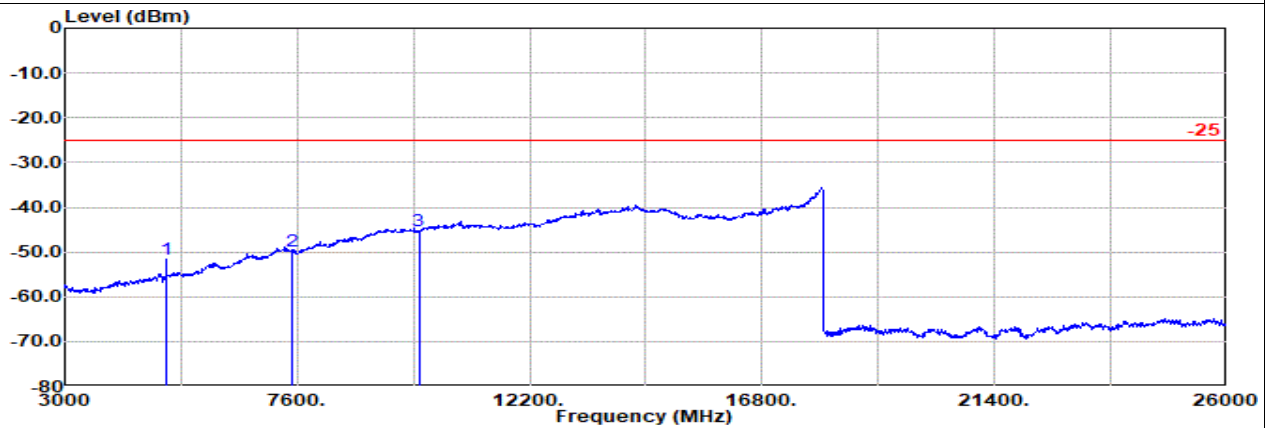
## Part 27M Mode 6

## LTE B7 20M Ch20850 1RB0 QPSK

## L



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 5002.18  | -55.35 | RMS      | 33.10             | -27.46 | 0.65   | -95.23 | 33.59 | -25.00     | -30.35 Horizontal |
| 2 | 7503.27  | -49.74 | RMS      | 36.09             | -25.17 | 0.62   | -95.23 | 33.95 | -25.00     | -24.74 Horizontal |
| 3 | 10004.36 | -45.33 | RMS      | 38.32             | -24.33 | 0.59   | -95.23 | 35.32 | -25.00     | -20.33 Horizontal |



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 5002.18  | -51.50 | RMS      | 33.10             | -27.46 | 0.65   | -95.23 | 37.44 | -25.00     | -26.50 Vertical |
| 2 | 7503.27  | -49.79 | RMS      | 36.09             | -25.17 | 0.62   | -95.23 | 33.90 | -25.00     | -24.79 Vertical |
| 3 | 10004.36 | -45.42 | RMS      | 38.32             | -24.33 | 0.59   | -95.23 | 35.23 | -25.00     | -20.42 Vertical |

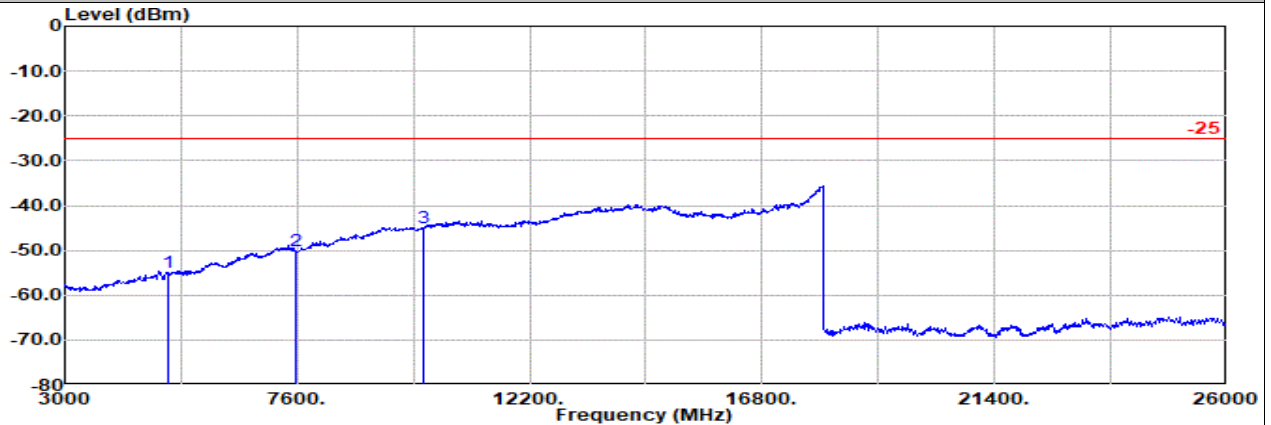


## Ant. Main

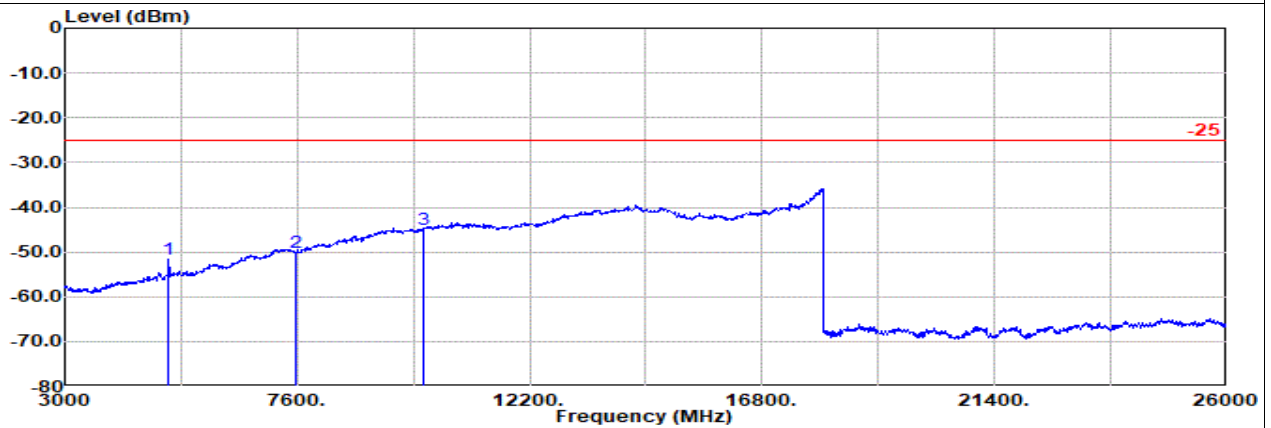
## Part 27M Mode 6

## LTE B7 20M Ch21100 1RB0 QPSK

## M



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 5052.18  | -55.03 | RMS      | 32.99             | -27.37 | 0.65   | -95.23 | 33.93 | -25.00     | -30.03 Horizontal |
| 2 | 7578.27  | -50.10 | RMS      | 35.96             | -25.17 | 0.61   | -95.23 | 33.73 | -25.00     | -25.10 Horizontal |
| 3 | 10104.36 | -44.97 | RMS      | 38.62             | -24.21 | 0.59   | -95.23 | 35.26 | -25.00     | -19.97 Horizontal |



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 5052.18  | -51.57 | RMS      | 32.99             | -27.37 | 0.65   | -95.23 | 37.39 | -25.00     | -26.57 Vertical |
| 2 | 7578.27  | -50.23 | RMS      | 35.96             | -25.17 | 0.61   | -95.23 | 33.60 | -25.00     | -25.23 Vertical |
| 3 | 10104.36 | -44.85 | RMS      | 38.62             | -24.21 | 0.59   | -95.23 | 35.38 | -25.00     | -19.85 Vertical |

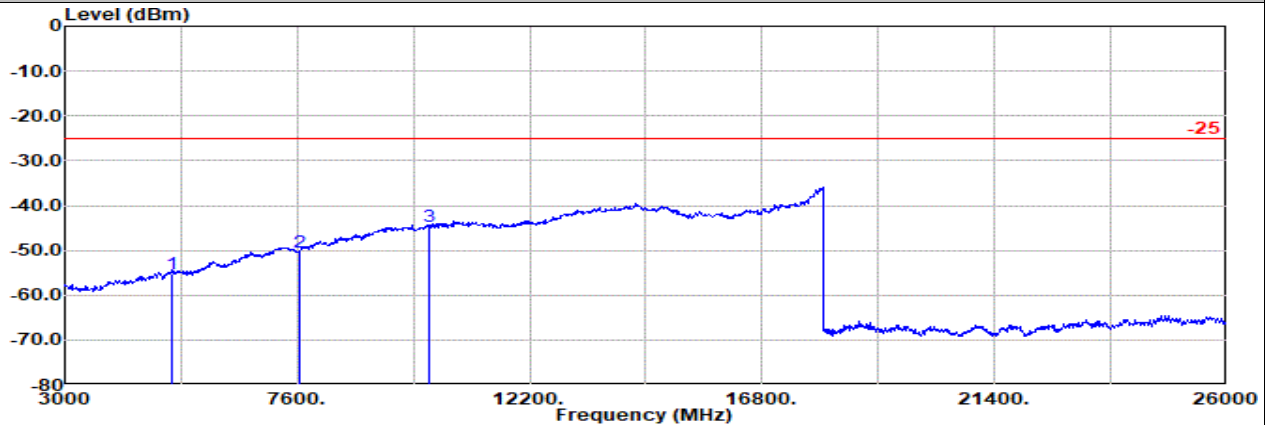


## Ant. Main

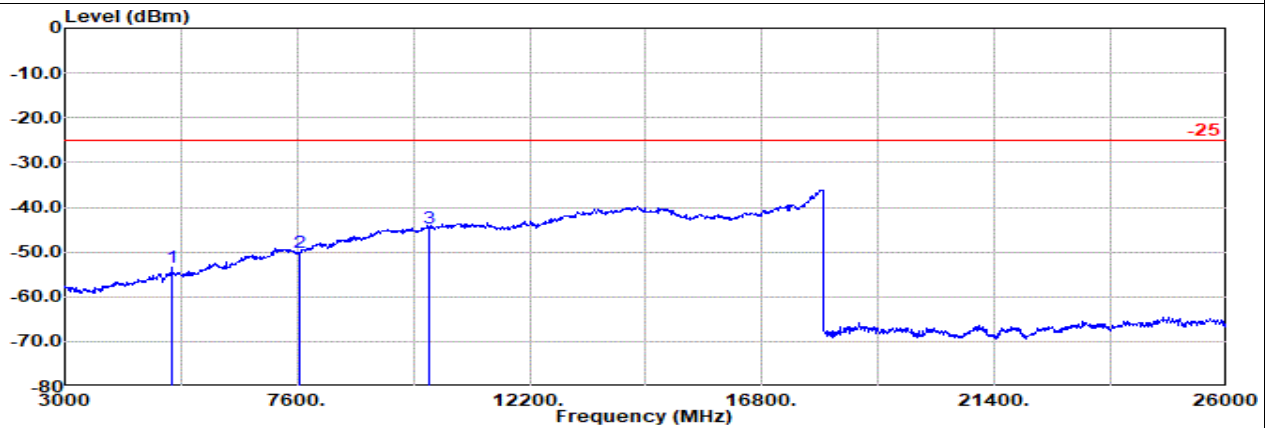
## Part 27M Mode 6

## LTE B7 20M Ch21350 1RB0 QPSK

## H



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin Pol |                   |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|------------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |            |                   |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB          | dBuV  | dBm        | dB                |
| 1 | 5102.18     | -55.12       | RMS      | 32.80             | -27.29 | 0.65   | -95.23      | 33.95 | -25.00     | -30.12 Horizontal |
| 2 | 7653.27     | -50.41       | RMS      | 36.21             | -25.16 | 0.59   | -95.23      | 33.18 | -25.00     | -25.41 Horizontal |
| 3 | 10204.36    | -44.72       | RMS      | 38.80             | -24.09 | 0.59   | -95.23      | 35.21 | -25.00     | -19.72 Horizontal |



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin Pol |                 |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|------------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |            |                 |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB          | dBuV  | dBm        | dB              |
| 1 | 5102.18     | -53.45       | RMS      | 32.80             | -27.29 | 0.65   | -95.23      | 35.62 | -25.00     | -28.45 Vertical |
| 2 | 7653.27     | -50.17       | RMS      | 36.21             | -25.16 | 0.59   | -95.23      | 33.42 | -25.00     | -25.17 Vertical |
| 3 | 10204.36    | -44.56       | RMS      | 38.80             | -24.09 | 0.59   | -95.23      | 35.37 | -25.00     | -19.56 Vertical |

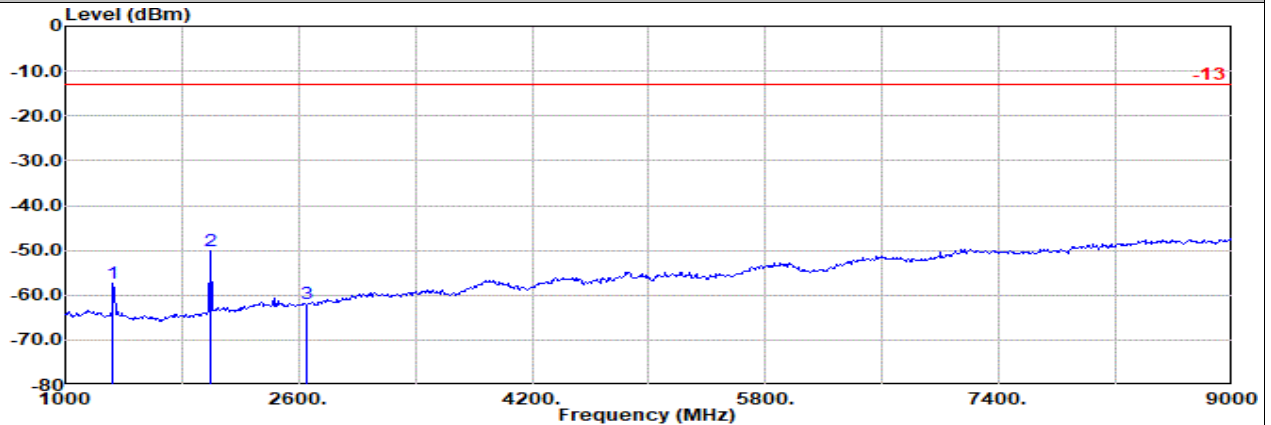


## Ant. Main

Part 27N Mode 25

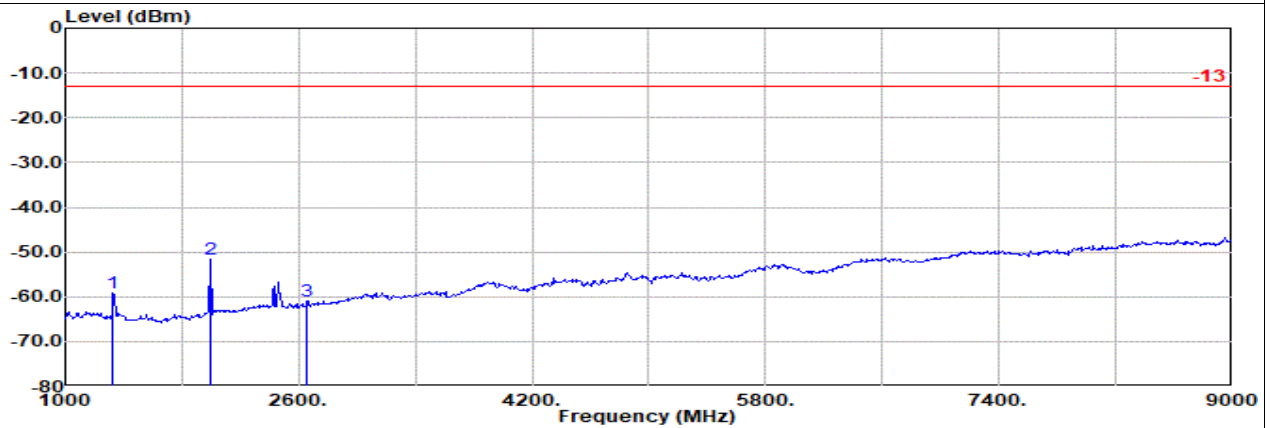
LTE B71 20M Ch133222 1RB0 QPSK

L



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 71 20M Ch133222 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1328.00 | -57.46 | RMS      |            | 25.52 | -32.03 | 0.73   | -95.23 | 43.55  | -13.00 | -44.46 |  | Horizontal |
| 2 | 1992.00 | -50.13 | RMS      |            | 26.22 | -30.93 | 0.31   | -95.23 | 49.50  | -13.00 | -37.13 |  | Horizontal |
| 3 | 2656.00 | -61.97 | RMS      |            | 28.00 | -30.00 | 0.17   | -95.23 | 35.09  | -13.00 | -48.97 |  | Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 71 20M Ch133222 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1328.00 | -59.21 | RMS      |            | 25.52 | -32.03 | 0.73   | -95.23 | 41.80  | -13.00 | -46.21 |  | Vertical |
| 2 | 1992.00 | -51.72 | RMS      |            | 26.22 | -30.93 | 0.31   | -95.23 | 47.91  | -13.00 | -38.72 |  | Vertical |
| 3 | 2656.00 | -60.93 | RMS      |            | 28.00 | -30.00 | 0.17   | -95.23 | 36.13  | -13.00 | -47.93 |  | Vertical |

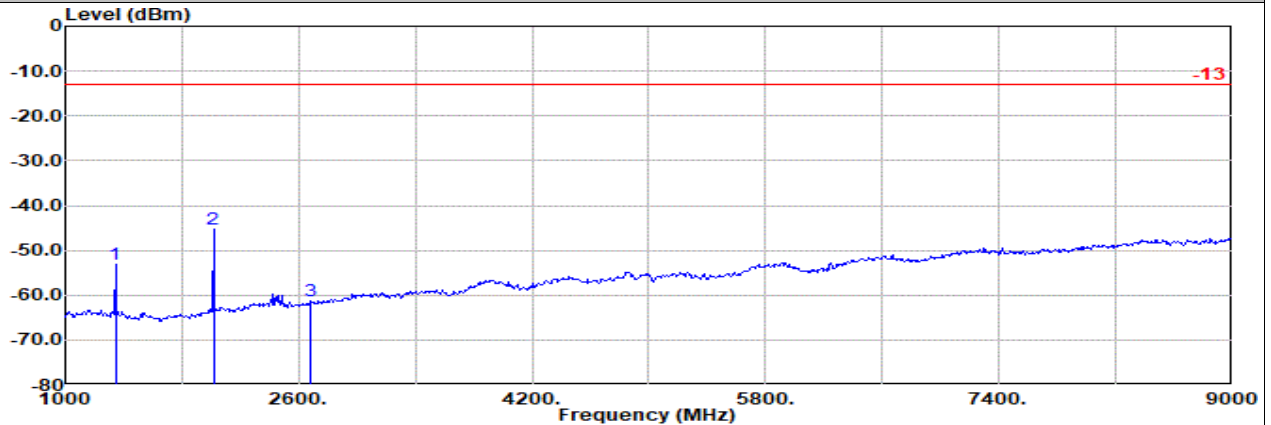


## Ant. Main

Part 27N Mode 25

LTE B71 20M Ch133297 1RB0 QPSK

M

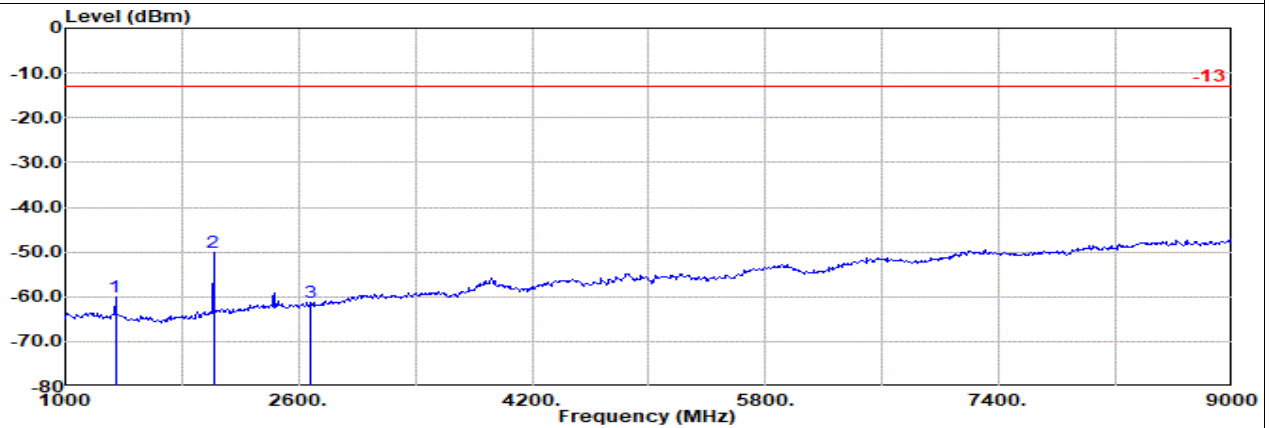


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 71 20M Ch133297 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1343.00 | -53.19 | RMS      |            | 25.40 | -32.02 | 0.71   | -95.23 | 47.95  | -13.00 | -40.19 |  | Horizontal |
| 2 | 2015.00 | -45.18 | RMS      |            | 26.35 | -30.90 | 0.31   | -95.23 | 54.29  | -13.00 | -32.18 |  | Horizontal |
| 3 | 2686.00 | -61.35 | RMS      |            | 28.14 | -29.96 | 0.17   | -95.23 | 35.53  | -13.00 | -48.35 |  | Horizontal |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 71 20M Ch133297 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1343.00 | -60.09 | RMS      |            | 25.40 | -32.02 | 0.71   | -95.23 | 41.05  | -13.00 | -47.09 |  | Vertical |
| 2 | 2015.00 | -50.25 | RMS      |            | 26.35 | -30.90 | 0.31   | -95.23 | 49.22  | -13.00 | -37.25 |  | Vertical |
| 3 | 2686.00 | -61.43 | RMS      |            | 28.14 | -29.96 | 0.17   | -95.23 | 35.45  | -13.00 | -48.43 |  | Vertical |

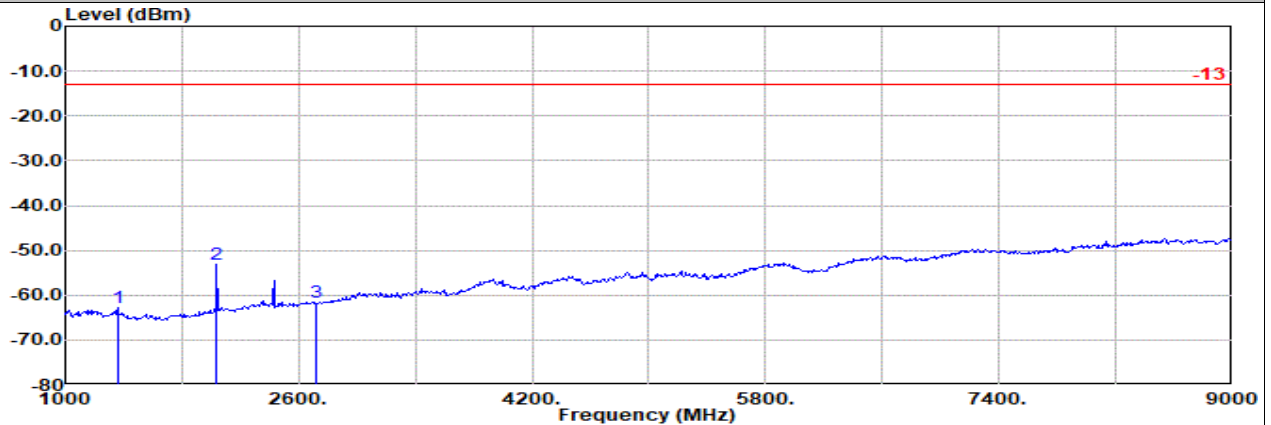


## Ant. Main

Part 27N Mode 25

LTE B71 20M Ch133372 1RB0 QPSK

H

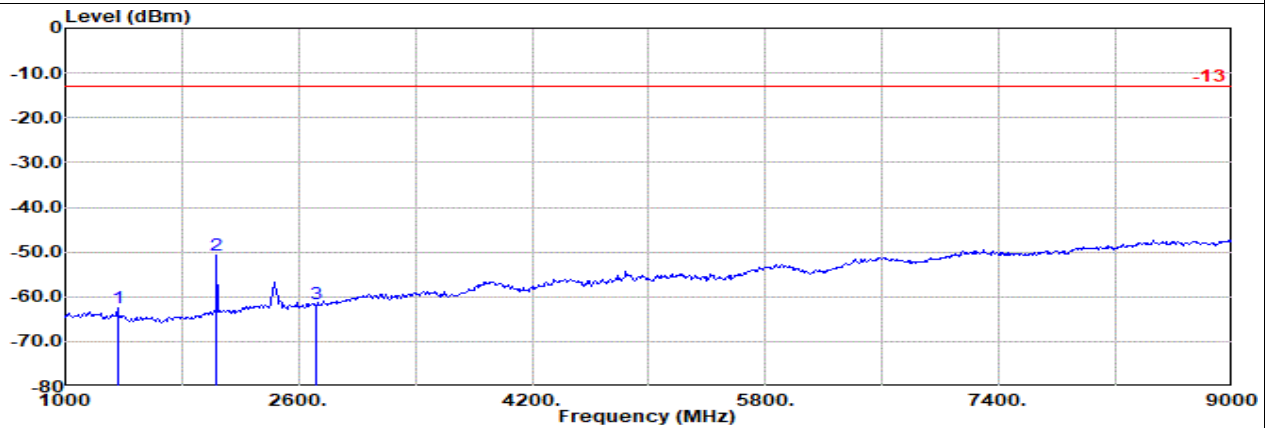


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 71 20M Ch133372 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1358.00 | -62.86 | RMS      |            | 25.32 | -32.01 | 0.69   | -95.23 | 38.37  | -13.00 | -49.86 |  | Horizontal |
| 2 | 2037.00 | -53.13 | RMS      |            | 26.77 | -30.87 | 0.32   | -95.23 | 45.88  | -13.00 | -40.13 |  | Horizontal |
| 3 | 2716.00 | -61.59 | RMS      |            | 28.16 | -29.91 | 0.18   | -95.23 | 35.21  | -13.00 | -48.59 |  | Horizontal |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 71 20M Ch133372 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1358.00 | -62.38 | RMS      |            | 25.32 | -32.01 | 0.69   | -95.23 | 38.85  | -13.00 | -49.38 |  | Vertical |
| 2 | 2037.00 | -50.65 | RMS      |            | 26.77 | -30.87 | 0.32   | -95.23 | 48.36  | -13.00 | -37.65 |  | Vertical |
| 3 | 2716.00 | -61.65 | RMS      |            | 28.16 | -29.91 | 0.18   | -95.23 | 35.15  | -13.00 | -48.65 |  | Vertical |

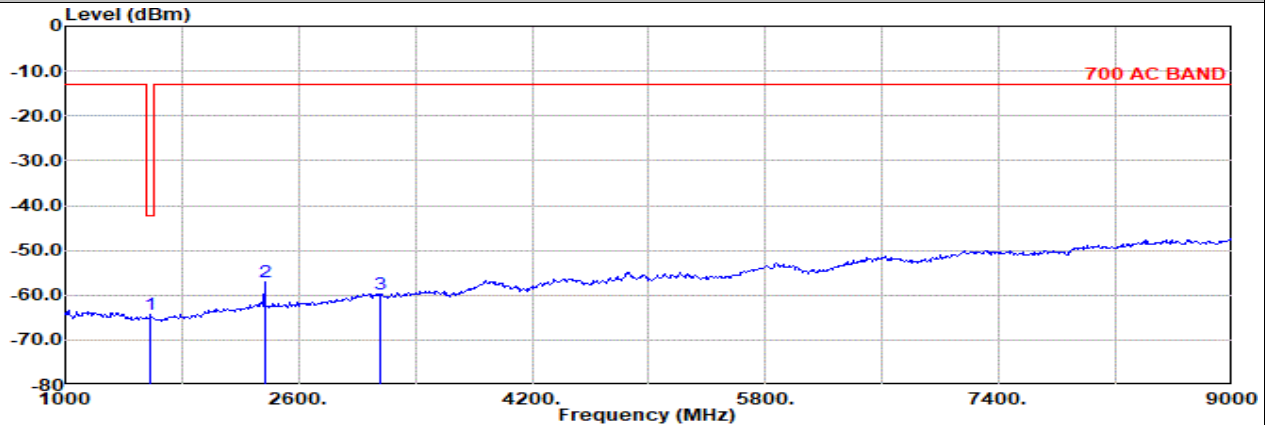


## Ant. Main

Part 90R Mode 19

LTE B14 5M Ch23305 1RB0 QPSK

L

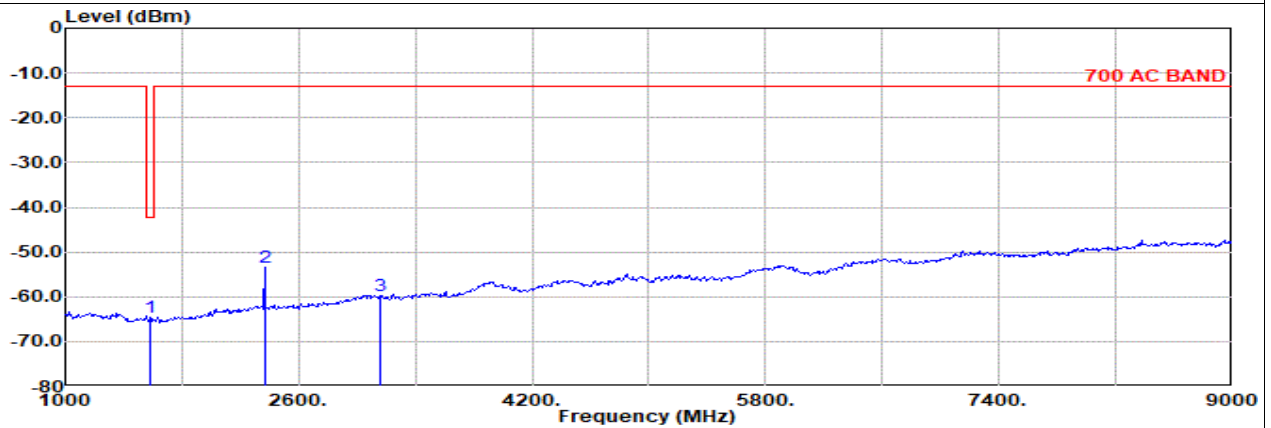


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 14 5M Ch23305 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|-------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1      |        | dB     | dB    |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB    | dBuV   | dBm    | dB     |  |            |
| 1 | 1577.00 | -64.41 | RMS      | 25.17      | -31.66 | 0.45   | -95.23 | 36.86 | -42.15 | -22.26 |        |  | Horizontal |
| 2 | 2365.00 | -56.98 | RMS      | 27.20      | -30.41 | 0.27   | -95.23 | 41.19 | -13.00 | -43.98 |        |  | Horizontal |
| 3 | 3153.00 | -59.89 | RMS      | 29.79      | -29.29 | 0.12   | -95.23 | 34.72 | -13.00 | -46.89 |        |  | Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 14 5M Ch23305 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|-------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1      |        | dB     | dB    |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB    | dBuV   | dBm    | dB     |  |          |
| 1 | 1577.00 | -64.58 | RMS      | 25.17      | -31.66 | 0.45   | -95.23 | 36.69 | -42.15 | -22.43 |        |  | Vertical |
| 2 | 2365.00 | -53.39 | RMS      | 27.20      | -30.41 | 0.27   | -95.23 | 44.78 | -13.00 | -40.39 |        |  | Vertical |
| 3 | 3153.00 | -59.82 | RMS      | 29.79      | -29.29 | 0.12   | -95.23 | 34.79 | -13.00 | -46.82 |        |  | Vertical |

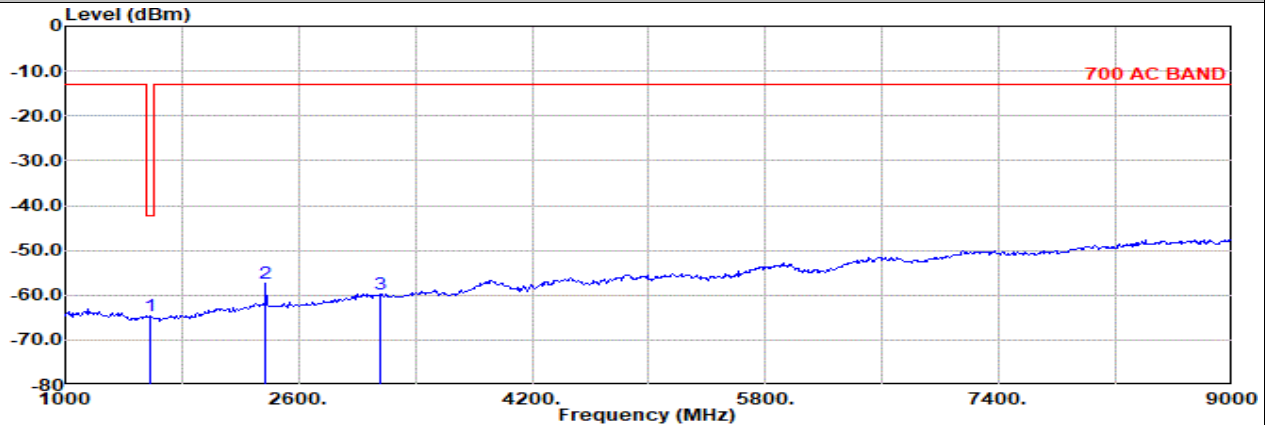


## Ant. Main

Part 90R Mode 19

LTE B14 5M Ch23330 1RB0 QPSK

M

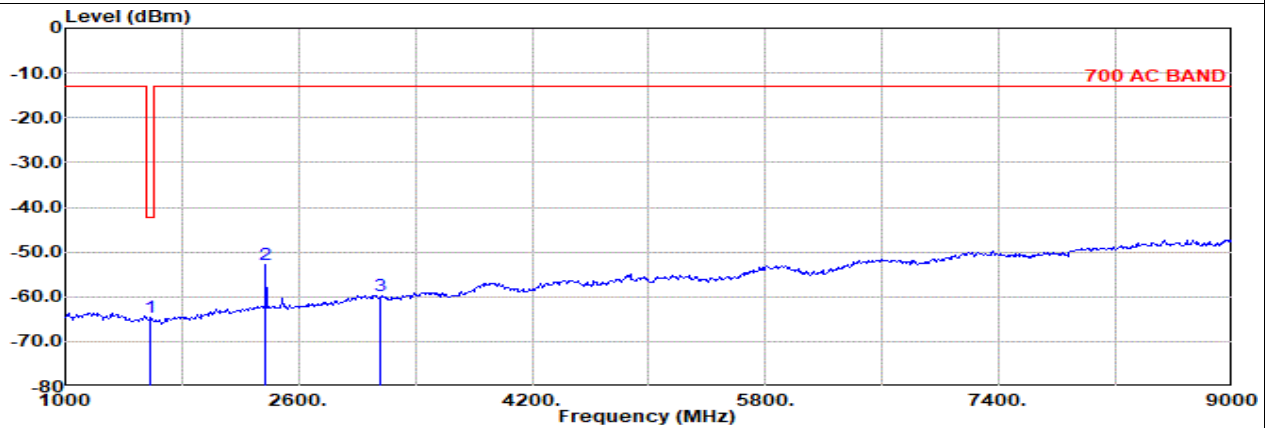


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 14 5M Ch23330 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant    | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|--------|--------|--------|--------|--------|--------|--------|------------|
|   |         |        |          | Factor | 1      |        |        |        | g      |        |            |
|   | MHz     | dBm    |          | dB/m   | dB     | dB     |        | dBuV   | dBm    | dB     |            |
| 1 | 1582.00 | -64.46 | RMS      | 25.22  | -31.65 | 0.45   | -95.23 | 36.75  | -42.15 | -22.31 | Horizontal |
| 2 | 2373.00 | -57.33 | RMS      | 27.20  | -30.40 | 0.26   | -95.23 | 40.84  | -13.00 | -44.33 | Horizontal |
| 3 | 3163.00 | -59.79 | RMS      | 29.77  | -29.27 | 0.12   | -95.23 | 34.82  | -13.00 | -46.79 | Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 14 5M Ch23330 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1582.00 | -64.64 | RMS      | 25.22      | -31.65   | 0.45   | -95.23 | 36.57    | -42.15 | -22.49 | Vertical |
| 2 | 2373.00 | -52.78 | RMS      | 27.20      | -30.40   | 0.26   | -95.23 | 45.39    | -13.00 | -39.78 | Vertical |
| 3 | 3163.00 | -59.64 | RMS      | 29.77      | -29.27   | 0.12   | -95.23 | 34.97    | -13.00 | -46.64 | Vertical |

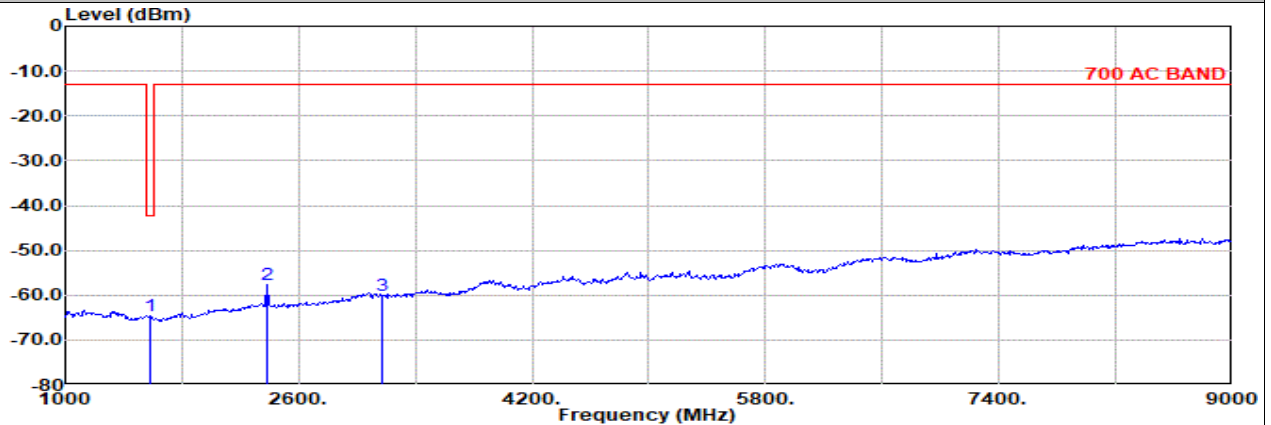


## Ant. Main

Part 90R Mode 19

LTE B14 5M Ch23355 1RB0 QPSK

H

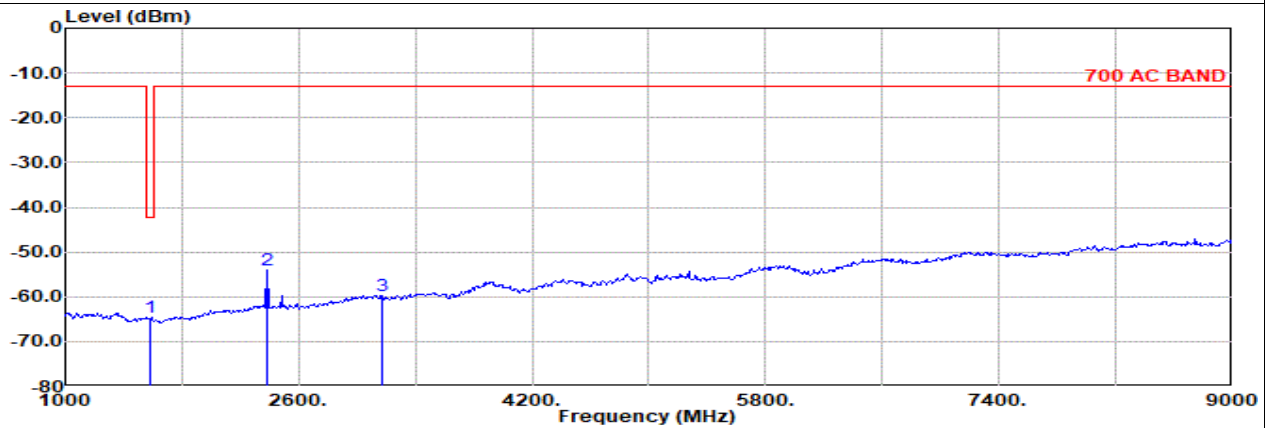


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 14 5M Ch23355 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 1587.00 | -64.57 | RMS      | 25.27             | -31.64 | 0.44   | -95.23 | 36.59 | -42.15     | -22.42 Horizontal |
| 2 | 2380.00 | -57.61 | RMS      | 27.20             | -30.39 | 0.26   | -95.23 | 40.55 | -13.00     | -44.61 Horizontal |
| 3 | 3173.00 | -59.97 | RMS      | 29.75             | -29.26 | 0.12   | -95.23 | 34.65 | -13.00     | -46.97 Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 14 5M Ch23355 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 1587.00 | -64.61 | RMS      | 25.27             | -31.64 | 0.44   | -95.23 | 36.55 | -42.15     | -22.46 Vertical |
| 2 | 2380.00 | -54.06 | RMS      | 27.20             | -30.39 | 0.26   | -95.23 | 44.10 | -13.00     | -41.06 Vertical |
| 3 | 3173.00 | -59.78 | RMS      | 29.75             | -29.26 | 0.12   | -95.23 | 34.84 | -13.00     | -46.78 Vertical |

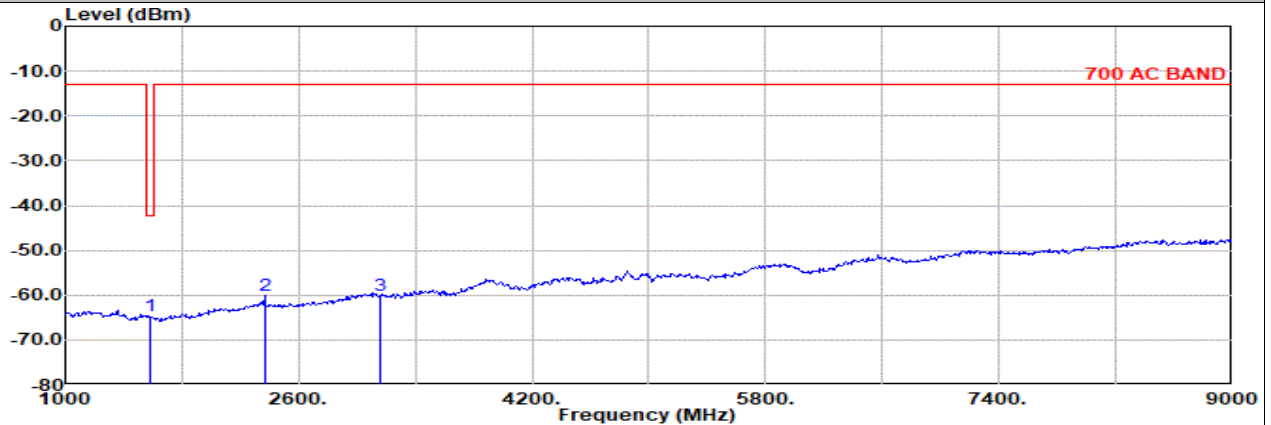


## Ant. Main

Part 90R Mode 20

LTE B14 10M Ch23330 1RB0 QPSK

M

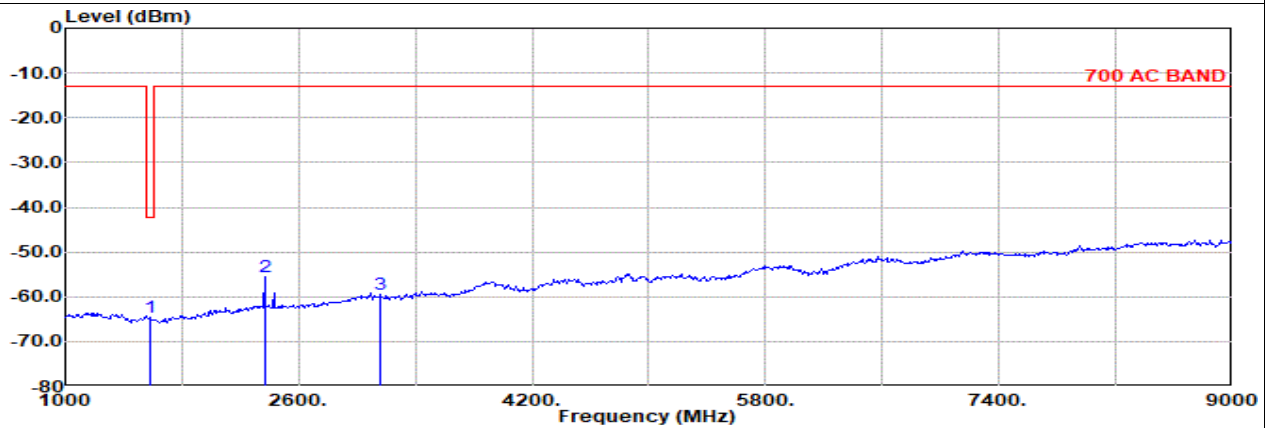


Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Horizontal

: LTE Band 14 10M Ch23330 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1577.00 | -64.67 | RMS      |            | 25.17 | -31.66 | 0.45   | -95.23 | 36.60  | -42.15 | -22.52 |  | Horizontal |
| 2 | 2366.00 | -60.17 | RMS      |            | 27.20 | -30.41 | 0.27   | -95.23 | 38.00  | -13.00 | -47.17 |  | Horizontal |
| 3 | 3154.00 | -59.96 | RMS      |            | 29.79 | -29.28 | 0.12   | -95.23 | 34.64  | -13.00 | -46.96 |  | Horizontal |



Site : 03CH13-HY

Condition: 700 AC BAND 3m HORN\_9120D\_1326 Vertical

: LTE Band 14 10M Ch23330 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1577.00 | -64.66 | RMS      |            | 25.17 | -31.66 | 0.45   | -95.23 | 36.61  | -42.15 | -22.51 |  | Vertical |
| 2 | 2366.00 | -55.44 | RMS      |            | 27.20 | -30.41 | 0.27   | -95.23 | 42.73  | -13.00 | -42.44 |  | Vertical |
| 3 | 3154.00 | -59.53 | RMS      |            | 29.79 | -29.28 | 0.12   | -95.23 | 35.07  | -13.00 | -46.53 |  | Vertical |

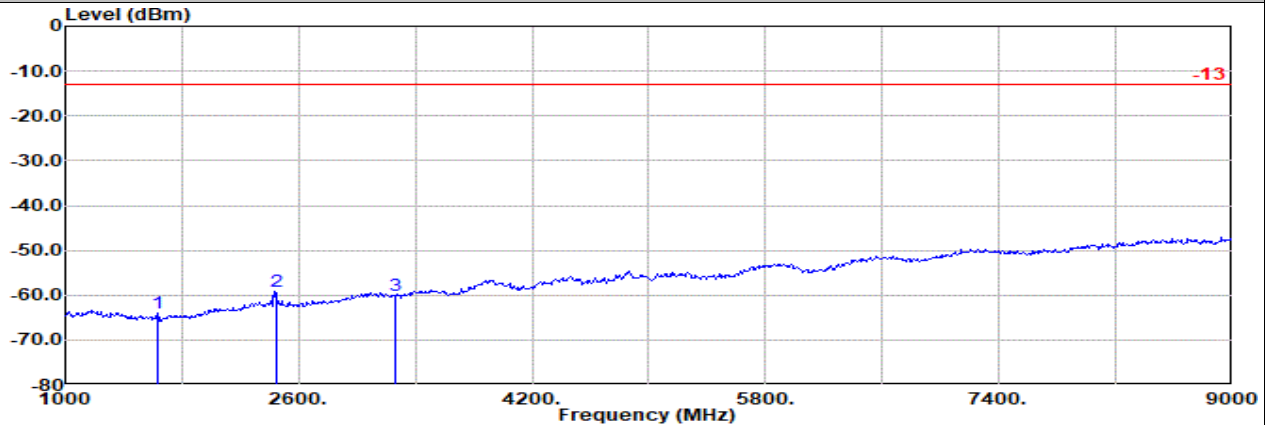


## Ant. Main

Part 90S Mode 21

LTE B26 1.4M Ch26697 1RB0 QPSK

L

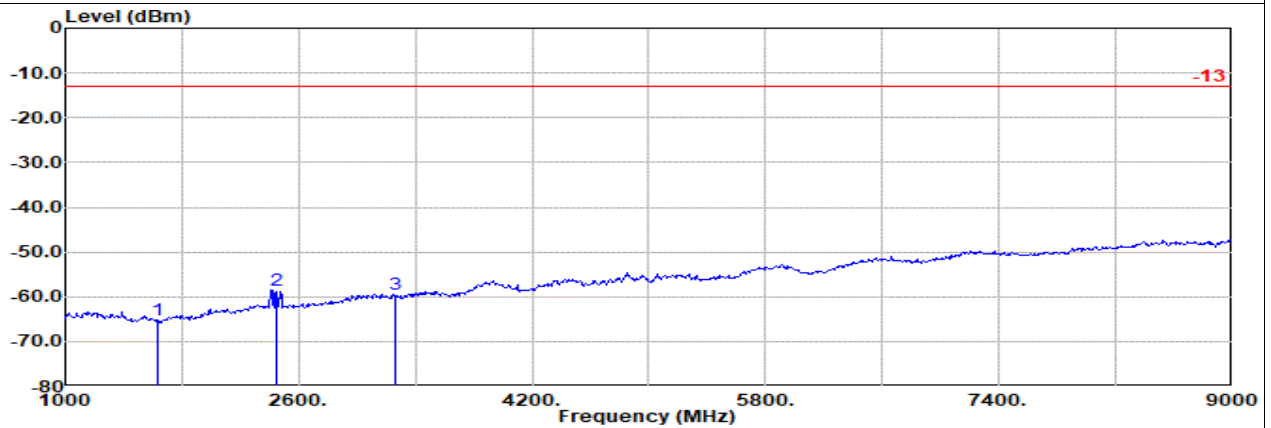


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 26 1.4M Ch26697 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1629.00 | -64.06 | RMS      |            | 25.20 | -31.57 | 0.42   | -95.23 | 37.12  | -13.00 | -51.06 |  | Horizontal |
| 2 | 2443.00 | -59.28 | RMS      |            | 27.50 | -30.31 | 0.23   | -95.23 | 38.53  | -13.00 | -46.28 |  | Horizontal |
| 3 | 3257.00 | -60.00 | RMS      |            | 29.69 | -29.14 | 0.17   | -95.23 | 34.51  | -13.00 | -47.00 |  | Horizontal |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 26 1.4M Ch26697 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1629.00 | -65.20 | RMS      |            | 25.20 | -31.57 | 0.42   | -95.23 | 35.98  | -13.00 | -52.20 |  | Vertical |
| 2 | 2443.00 | -58.42 | RMS      |            | 27.50 | -30.31 | 0.23   | -95.23 | 39.39  | -13.00 | -45.42 |  | Vertical |
| 3 | 3257.00 | -59.51 | RMS      |            | 29.69 | -29.14 | 0.17   | -95.23 | 35.00  | -13.00 | -46.51 |  | Vertical |

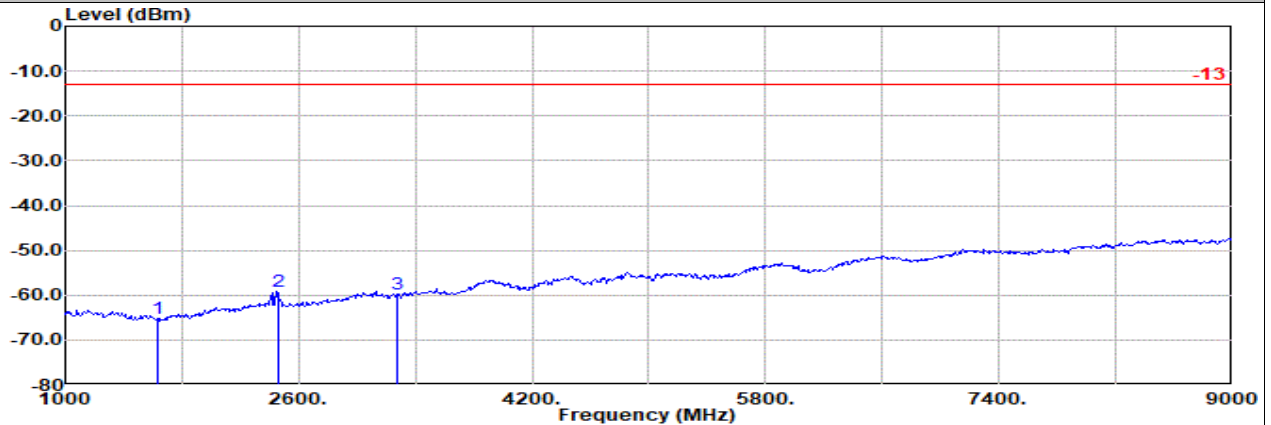


## Ant. Main

Part 90S Mode 21

LTE B26 1.4M Ch26740 1RB0 QPSK

M

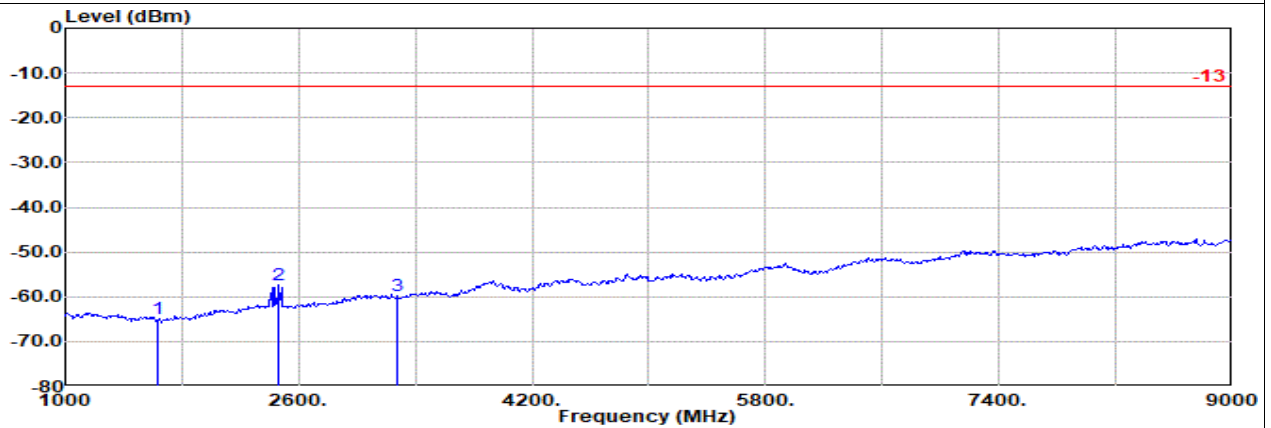


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 26 1.4M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1637.00 | -65.08 | RMS      | 25.13             | -31.55 | 0.41   | -95.23 | 36.16 | -13.00 | -52.08 |
| 2 | 2456.00 | -59.29 | RMS      | 27.56             | -30.29 | 0.22   | -95.23 | 38.45 | -13.00 | -46.29 |
| 3 | 3274.00 | -59.77 | RMS      | 29.65             | -29.11 | 0.18   | -95.23 | 34.74 | -13.00 | -46.77 |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 26 1.4M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1637.00 | -64.87 | RMS      | 25.13             | -31.55 | 0.41   | -95.23 | 36.37 | -13.00 | -51.87 |
| 2 | 2456.00 | -57.44 | RMS      | 27.56             | -30.29 | 0.22   | -95.23 | 40.30 | -13.00 | -44.44 |
| 3 | 3274.00 | -59.83 | RMS      | 29.65             | -29.11 | 0.18   | -95.23 | 34.68 | -13.00 | -46.83 |

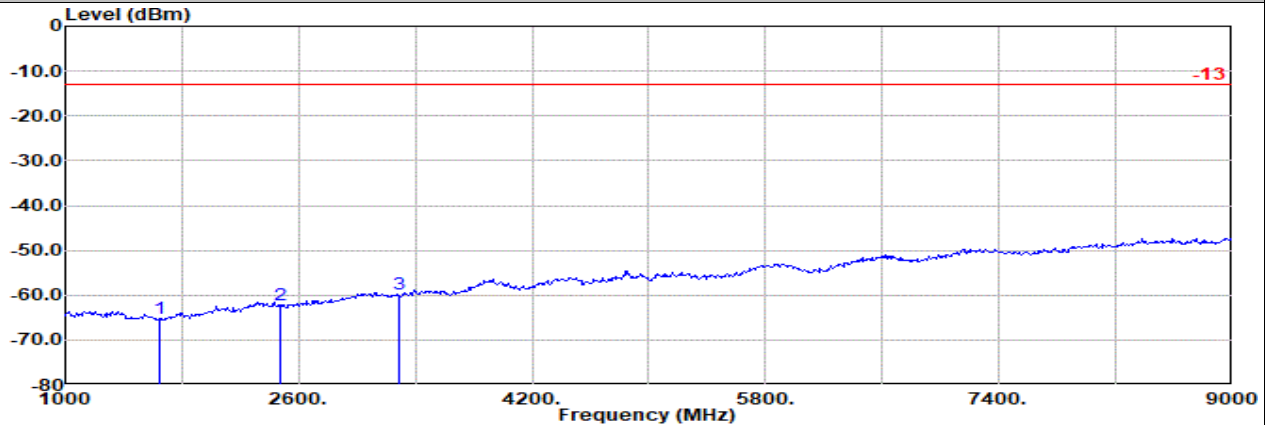


## Ant. Main

Part 90S Mode 21

LTE B26 1.4M Ch26783 1RB0 QPSK

H

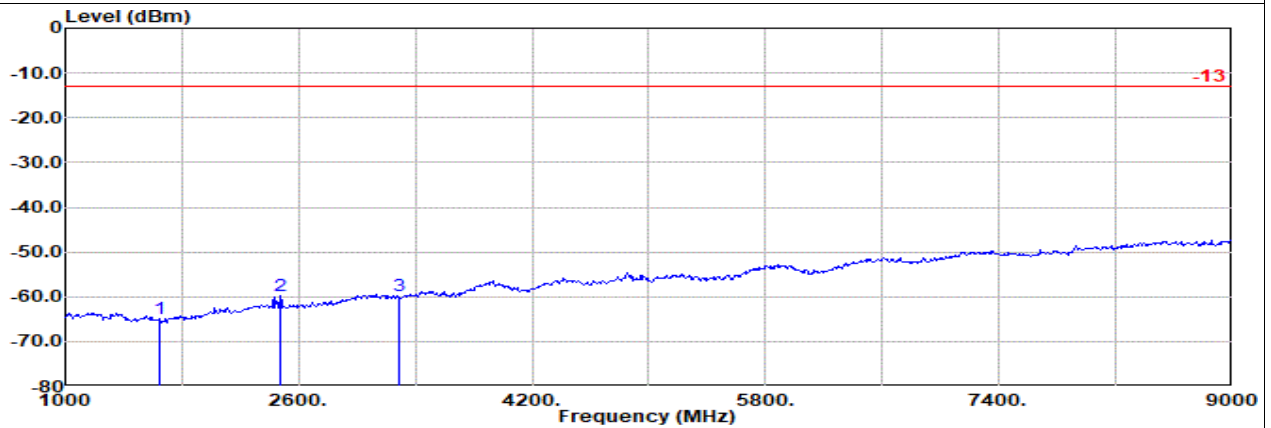


Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Horizontal

: LTE Band 26 1.4M Ch26783 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        |        |        |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1646.00 | -65.18 | RMS      |            | 24.98 | -31.54 | 0.41   | -95.23 | 36.20  | -13.00 | -52.18 |  | Horizontal |
| 2 | 2469.00 | -62.17 | RMS      |            | 27.60 | -30.27 | 0.22   | -95.23 | 35.51  | -13.00 | -49.17 |  | Horizontal |
| 3 | 3291.00 | -59.81 | RMS      |            | 29.62 | -29.09 | 0.19   | -95.23 | 34.70  | -13.00 | -46.81 |  | Horizontal |



Site : 03CH13-HY

Condition: -13 3m HORN\_9120D\_1326 Vertical

: LTE Band 26 1.4M Ch26783 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        |        |        |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1646.00 | -64.76 | RMS      |            | 24.98 | -31.54 | 0.41   | -95.23 | 36.62  | -13.00 | -51.76 |  | Vertical |
| 2 | 2469.00 | -59.79 | RMS      |            | 27.60 | -30.27 | 0.22   | -95.23 | 37.89  | -13.00 | -46.79 |  | Vertical |
| 3 | 3291.00 | -59.85 | RMS      |            | 29.62 | -29.09 | 0.19   | -95.23 | 34.66  | -13.00 | -46.85 |  | Vertical |

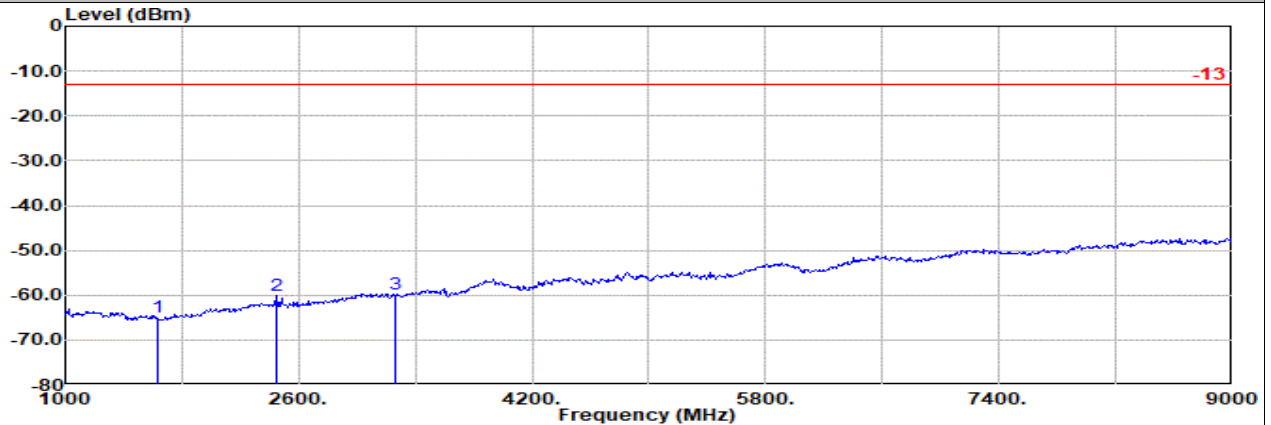


## Ant. Main

Part 90S Mode 22

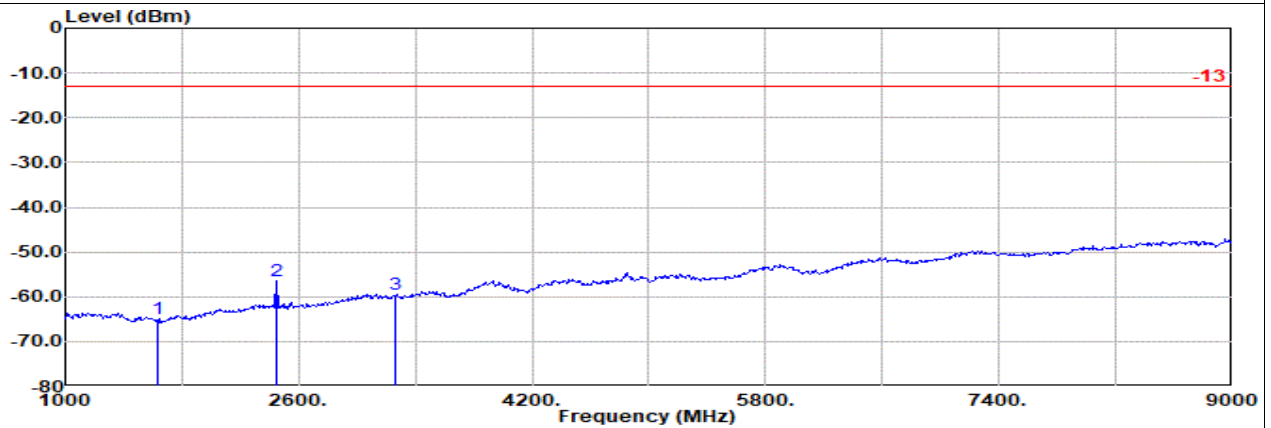
LTE B26 5M Ch26715 1RB0 QPSK

L



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 5M Ch26715 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1629.00 | -64.99 | RMS      | 25.20             | -31.57 | 0.42   | -95.23 | 36.19 | -13.00     | -51.99 Horizontal |
| 2 | 2443.00 | -59.94 | RMS      | 27.50             | -30.31 | 0.23   | -95.23 | 37.87 | -13.00     | -46.94 Horizontal |
| 3 | 3257.00 | -59.90 | RMS      | 29.69             | -29.14 | 0.17   | -95.23 | 34.61 | -13.00     | -46.90 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 5M Ch26715 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1629.00 | -64.90 | RMS      | 25.20             | -31.57 | 0.42   | -95.23 | 36.28 | -13.00     | -51.90 Vertical |
| 2 | 2443.00 | -56.40 | RMS      | 27.50             | -30.31 | 0.23   | -95.23 | 41.41 | -13.00     | -43.40 Vertical |
| 3 | 3257.00 | -59.52 | RMS      | 29.69             | -29.14 | 0.17   | -95.23 | 34.99 | -13.00     | -46.52 Vertical |

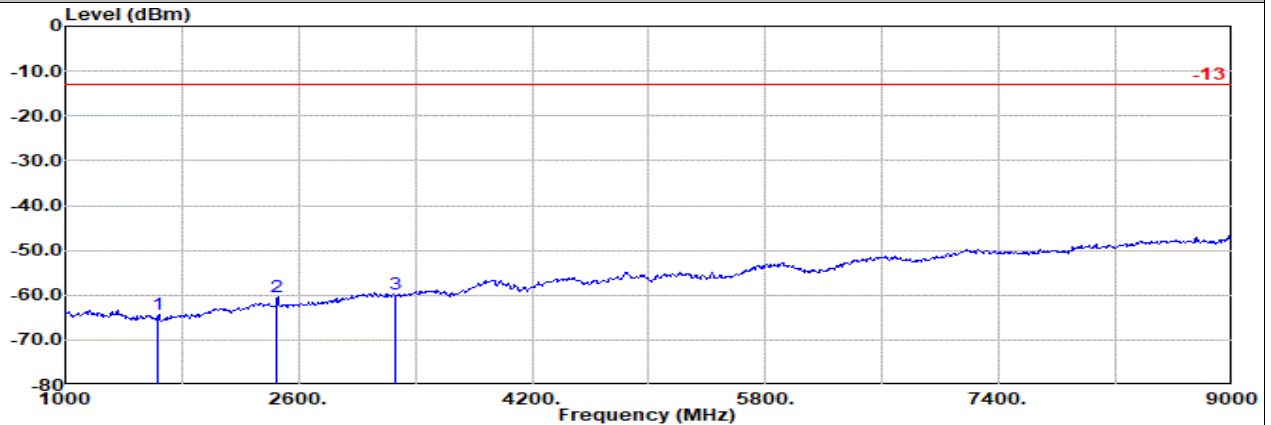


## Ant. Main

Part 90S Mode 22

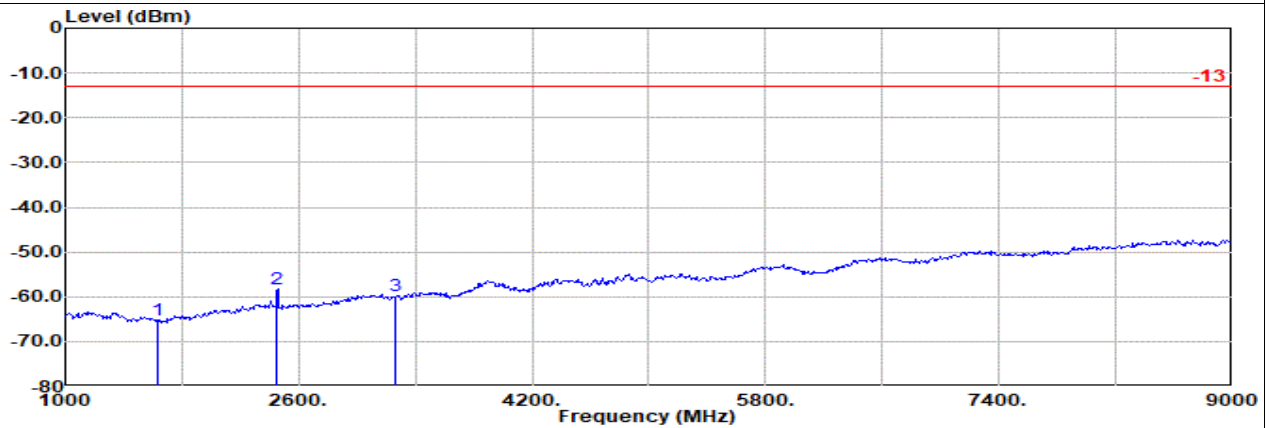
LTE B26 5M Ch26740 1RB0 QPSK

M



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 5M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1634.00 | -64.42 | RMS      | 25.16             | -31.56 | 0.41   | -95.23 | 36.80 | -13.00     | -51.42 Horizontal |
| 2 | 2451.00 | -60.51 | RMS      | 27.51             | -30.30 | 0.23   | -95.23 | 37.28 | -13.00     | -47.51 Horizontal |
| 3 | 3267.00 | -59.90 | RMS      | 29.67             | -29.12 | 0.17   | -95.23 | 34.61 | -13.00     | -46.90 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 5M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1634.00 | -65.11 | RMS      | 25.16             | -31.56 | 0.41   | -95.23 | 36.11 | -13.00     | -52.11 Vertical |
| 2 | 2451.00 | -58.27 | RMS      | 27.51             | -30.30 | 0.23   | -95.23 | 39.52 | -13.00     | -45.27 Vertical |
| 3 | 3267.00 | -59.65 | RMS      | 29.67             | -29.12 | 0.17   | -95.23 | 34.86 | -13.00     | -46.65 Vertical |

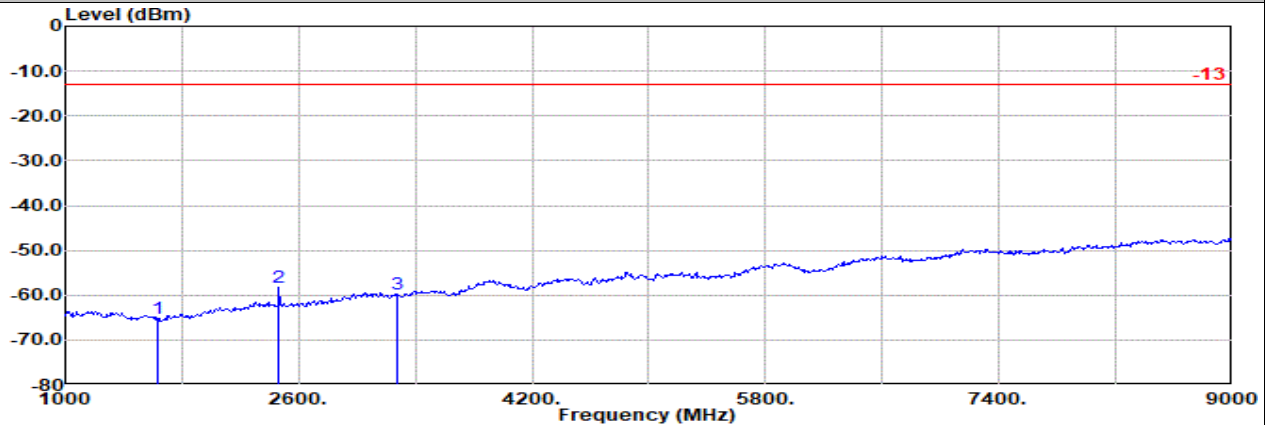


## Ant. Main

Part 90S Mode 22

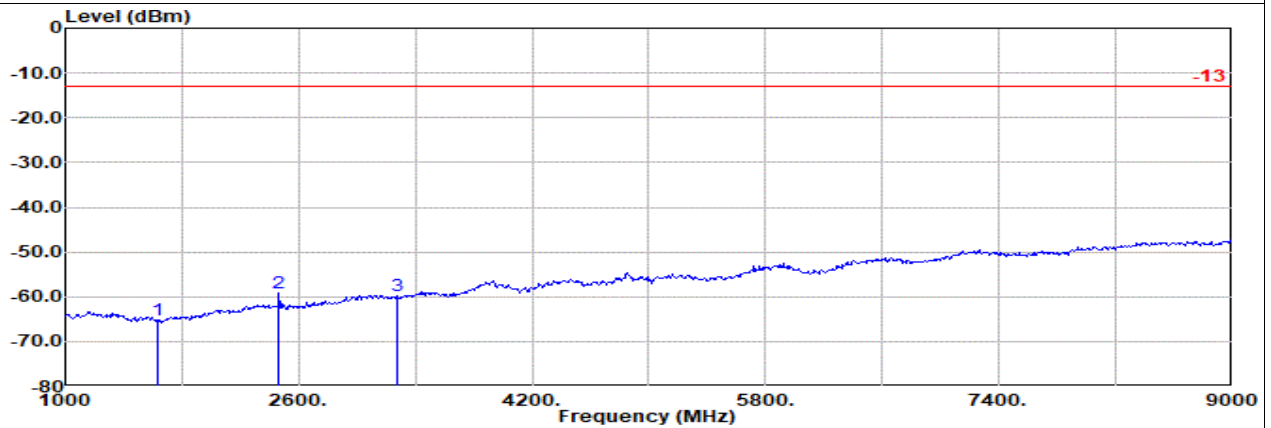
LTE B26 5M Ch26765 1RB0 QPSK

H



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 5M Ch26765 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 1639.00 | -65.20 | RMS      | 25.11             | -31.55 | 0.41   | -95.23 | 36.06 | -13.00     | -52.20 Horizontal |
| 2 | 2458.00 | -58.29 | RMS      | 27.58             | -30.29 | 0.22   | -95.23 | 39.43 | -13.00     | -45.29 Horizontal |
| 3 | 3277.00 | -59.78 | RMS      | 29.65             | -29.11 | 0.18   | -95.23 | 34.73 | -13.00     | -46.78 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 5M Ch26765 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 1639.00 | -65.16 | RMS      | 25.11             | -31.55 | 0.41   | -95.23 | 36.10 | -13.00     | -52.16 Vertical |
| 2 | 2458.00 | -59.24 | RMS      | 27.58             | -30.29 | 0.22   | -95.23 | 38.48 | -13.00     | -46.24 Vertical |
| 3 | 3277.00 | -59.89 | RMS      | 29.65             | -29.11 | 0.18   | -95.23 | 34.62 | -13.00     | -46.89 Vertical |

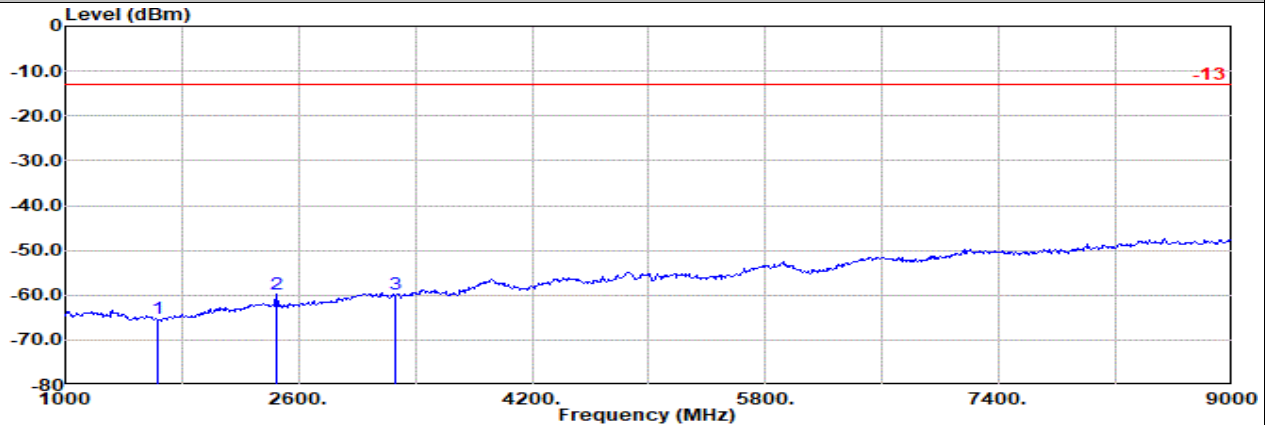


## Ant. Main

Part 90S Mode 23

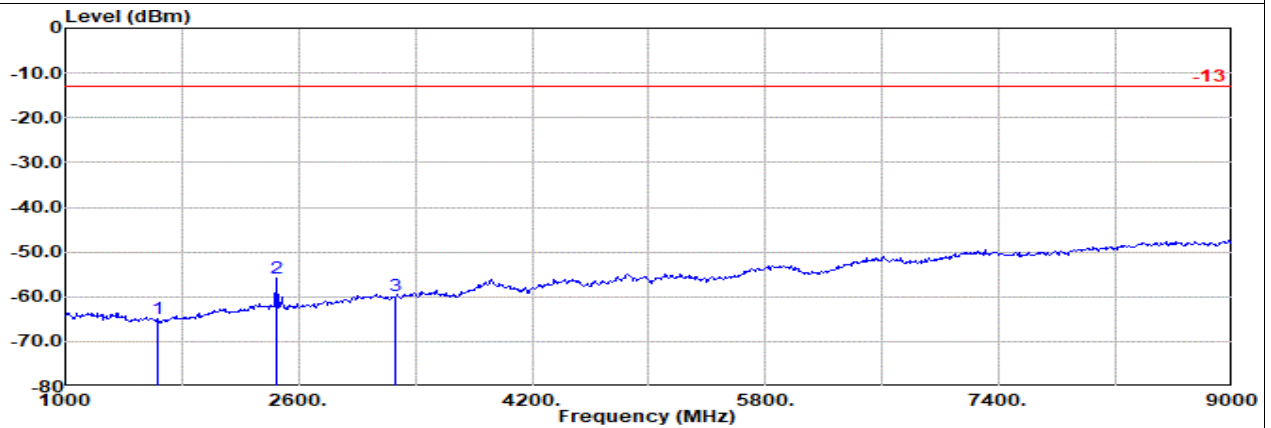
LTE B26 10M Ch26740 1RB0 QPSK

M



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 26 10M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |            |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |            |
| 1 | 1629.00 | -65.10 | RMS      |            | 25.20 | -31.57 | 0.42   | -95.23 | 36.08  | -13.00 | -52.10 |  | Horizontal |
| 2 | 2444.00 | -59.86 | RMS      |            | 27.50 | -30.31 | 0.23   | -95.23 | 37.94  | -13.00 | -46.86 |  | Horizontal |
| 3 | 3258.00 | -59.68 | RMS      |            | 29.68 | -29.13 | 0.17   | -95.23 | 34.83  | -13.00 | -46.68 |  | Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 26 10M Ch26740 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |       | Filter | EIRPCF |        | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|-------|--------|--------|--------|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1     |        | dB     | dB     |        |        |        |  |          |
|   | MHz     | dBm    |          |            | dB/m  | dB     | dB     | dB     | dBuV   | dBm    | dB     |  |          |
| 1 | 1629.00 | -64.89 | RMS      |            | 25.20 | -31.57 | 0.42   | -95.23 | 36.29  | -13.00 | -51.89 |  | Vertical |
| 2 | 2444.00 | -55.92 | RMS      |            | 27.50 | -30.31 | 0.23   | -95.23 | 41.88  | -13.00 | -42.92 |  | Vertical |
| 3 | 3258.00 | -59.83 | RMS      |            | 29.68 | -29.13 | 0.17   | -95.23 | 34.68  | -13.00 | -46.83 |  | Vertical |

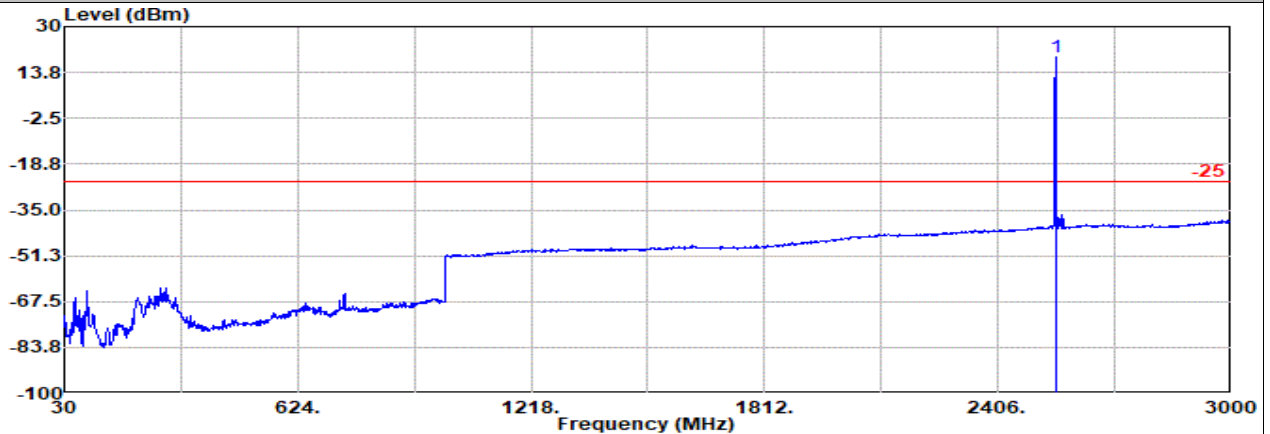


## Ant. Main

Part 27M Mode 6

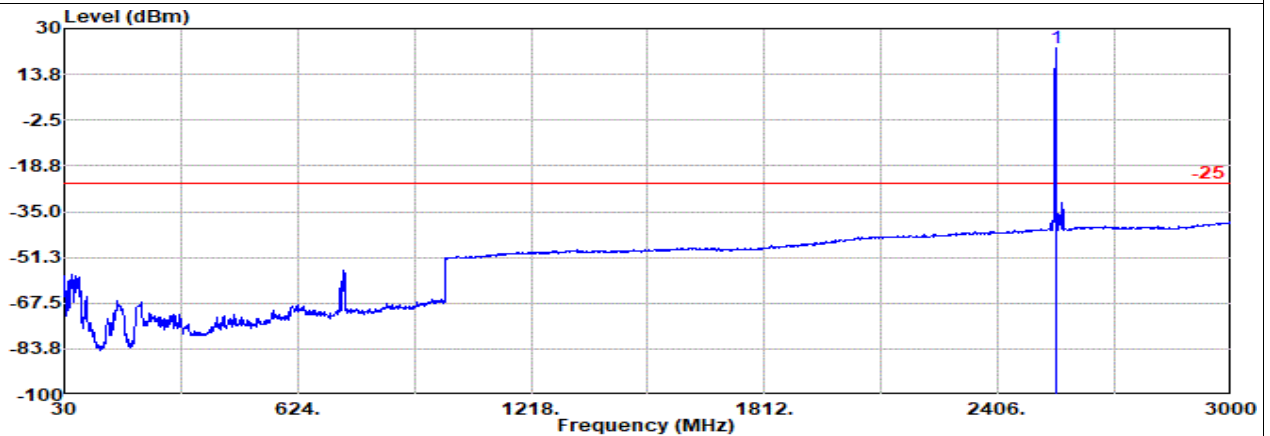
LTE B7 20M Ch21350 1RB0 QPSK

H



Site : 03CH13-HY  
Condition: -25 3m BILOG\_40103 Horizontal  
: LTE Band 7 20M Ch21350 1RB0 QPSK  
: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol        |
|---|---------|-------|----------|------------|--------|----------|--------|----------|-------|--------|------------|
|   | MHz     | dBm   |          |            |        |          |        |          |       |        |            |
| 1 | 2552.00 | 19.17 | RMS      | 28.00      | 6.79   | 0.00     | -95.23 | 79.61    | ----- | -----  | Horizontal |



Site : 03CH13-HY  
Condition: -25 3m BILOG\_40103 Vertical  
: LTE Band 7 20M Ch21350 1RB0 QPSK  
: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol      |
|---|---------|-------|----------|------------|--------|----------|--------|----------|-------|--------|----------|
|   | MHz     | dBm   |          |            |        |          |        |          |       |        |          |
| 1 | 2552.00 | 23.16 | RMS      | 28.00      | 6.79   | 0.00     | -95.23 | 83.60    | ----- | -----  | Vertical |



&lt;Amphenol Taiwan Corporation&gt;

**B2-1. Summary of each worse mode**

| Mode | Band    | Part     | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | Amp/Cbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant  |
|------|---------|----------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|------|
| 8    | LTE B41 | Part 27M | H  | 10684      | -43.88      | RMS | 39.10           | -23.56       | 0.58        | -95.23      | 35.23          | -25.00      | -18.88      | V   | Main |
| 9    | LTE B30 | Part 27D | H  | 9241       | -57.74      | RMS | 37.88           | -42.99       | 0.63        | -95.23      | 41.97          | -40.00      | -17.74      | H   | Main |
| 10   | LTE B30 | Part 27D | M  | 9222       | -58.09      | RMS | 37.84           | -43.01       | 0.64        | -95.23      | 41.67          | -40.00      | -18.09      | V   | Main |
| 17   | LTE B12 | Part 27H | L  | 2099       | -59.10      | RMS | 27.10           | -30.80       | 0.33        | -95.23      | 39.50          | -13.00      | -46.10      | V   | Main |

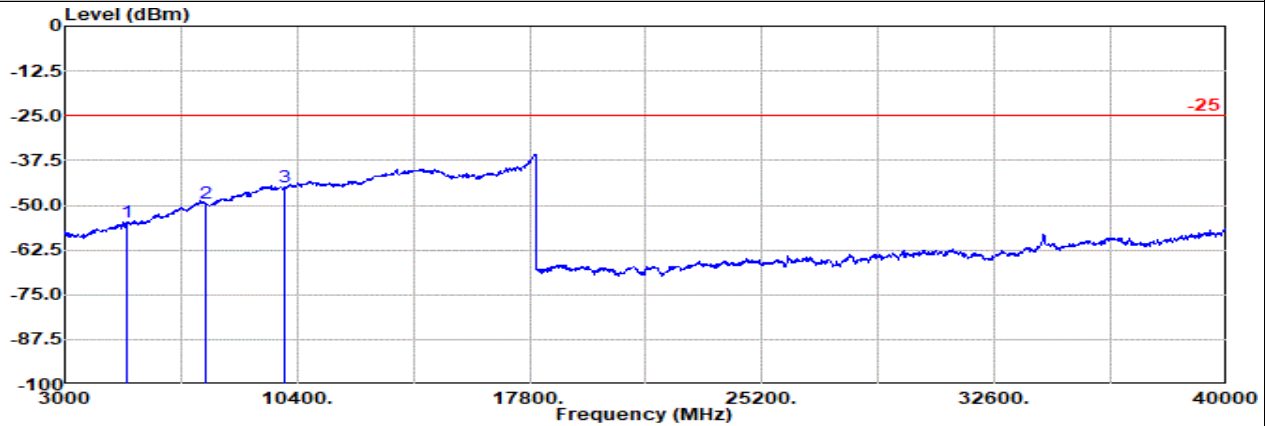


Ant. Main

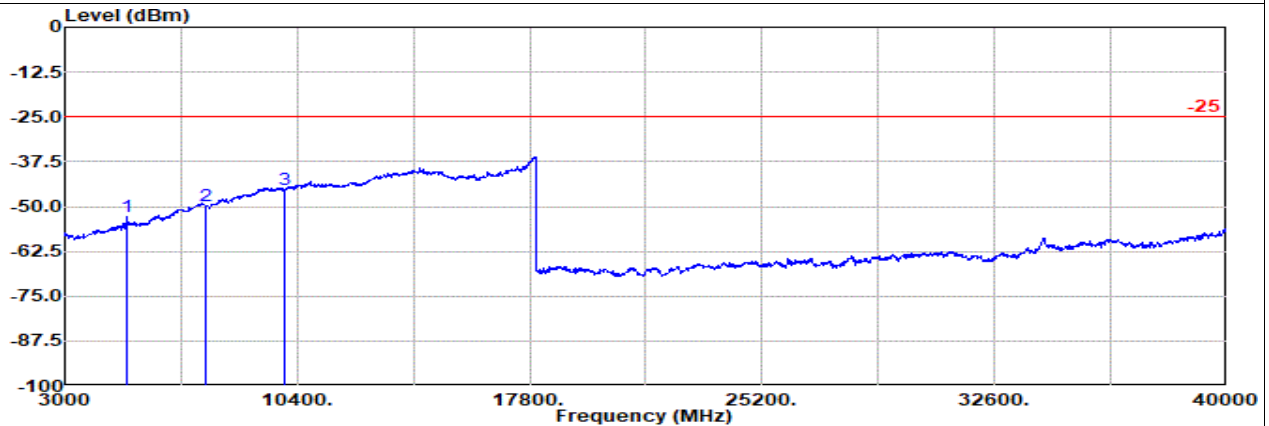
## Part 27M Mode 8

LTE B41 20M Ch39750 1RB0 QPSK

L



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |            |
| 1 | 4994.00 | -54.66 | RMS      | 33.06      | -27.47 | 0.65     | -95.23 | 34.33    | -25.00 | -29.66 | Horizontal |
| 2 | 7491.00 | -49.35 | RMS      | 36.12      | -25.18 | 0.63     | -95.23 | 34.31    | -25.00 | -24.35 | Horizontal |
| 3 | 9988.00 | -44.96 | RMS      | 38.25      | -24.33 | 0.59     | -95.23 | 35.76    | -25.00 | -19.96 | Horizontal |



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |          |
| 1 | 4994.00 | -52.88 | RMS      | 33.06      | -27.47 | 0.65     | -95.23 | 36.11    | -25.00 | -27.88 | Vertical |
| 2 | 7491.00 | -49.69 | RMS      | 36.12      | -25.18 | 0.63     | -95.23 | 33.97    | -25.00 | -24.69 | Vertical |
| 3 | 9988.00 | -45.12 | RMS      | 38.25      | -24.33 | 0.59     | -95.23 | 35.60    | -25.00 | -20.12 | Vertical |

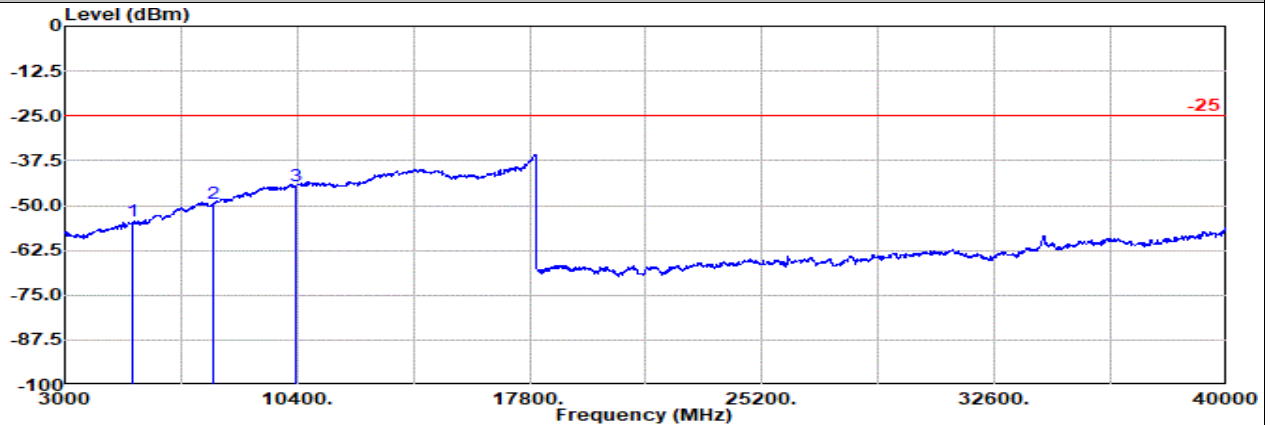


## Ant. Main

## Part 27M Mode 8

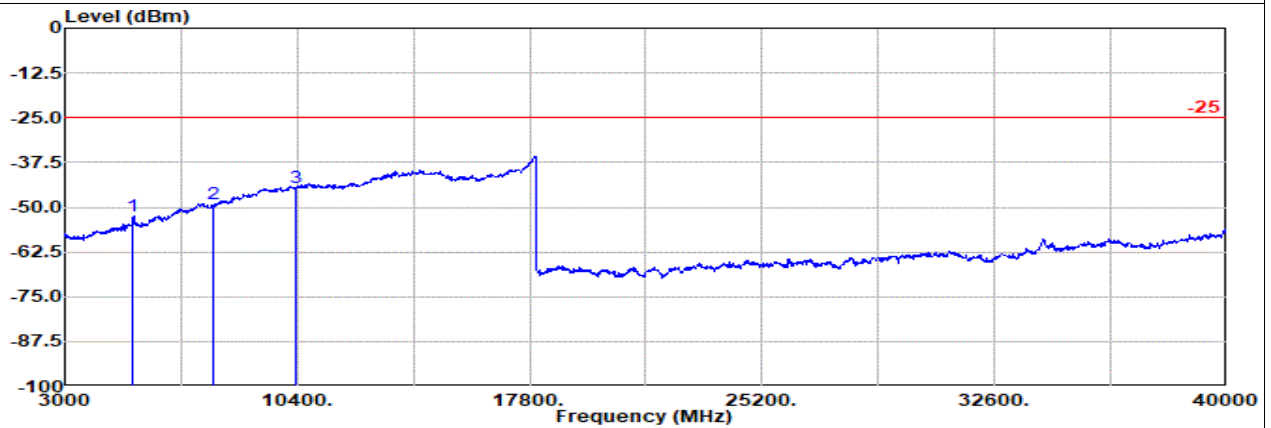
LTE B41 20M Ch40620 1RB0 QPSK

M



Site : 03CH13-HY  
Condition: -25 1m SHF\_1224 Horizontal  
: LTE Band 41 20M Ch40620 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 5168.00  | -54.40 | RMS      | 32.94             | -27.18 | 0.65   | -95.23 | 34.42 | -25.00     | -29.40 Horizontal |
| 2 | 7752.00  | -49.35 | RMS      | 36.41             | -25.13 | 0.58   | -95.23 | 34.02 | -25.00     | -24.35 Horizontal |
| 3 | 10336.00 | -44.62 | RMS      | 38.70             | -23.92 | 0.59   | -95.23 | 35.24 | -25.00     | -19.62 Horizontal |



Site : 03CH13-HY  
Condition: -25 1m SHF\_1224 Vertical  
: LTE Band 41 20M Ch40620 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 5168.00  | -52.34 | RMS      | 32.94             | -27.18 | 0.65   | -95.23 | 36.48 | -25.00     | -27.34 Vertical |
| 2 | 7752.00  | -49.18 | RMS      | 36.41             | -25.13 | 0.58   | -95.23 | 34.19 | -25.00     | -24.18 Vertical |
| 3 | 10336.00 | -44.49 | RMS      | 38.70             | -23.92 | 0.59   | -95.23 | 35.37 | -25.00     | -19.49 Vertical |

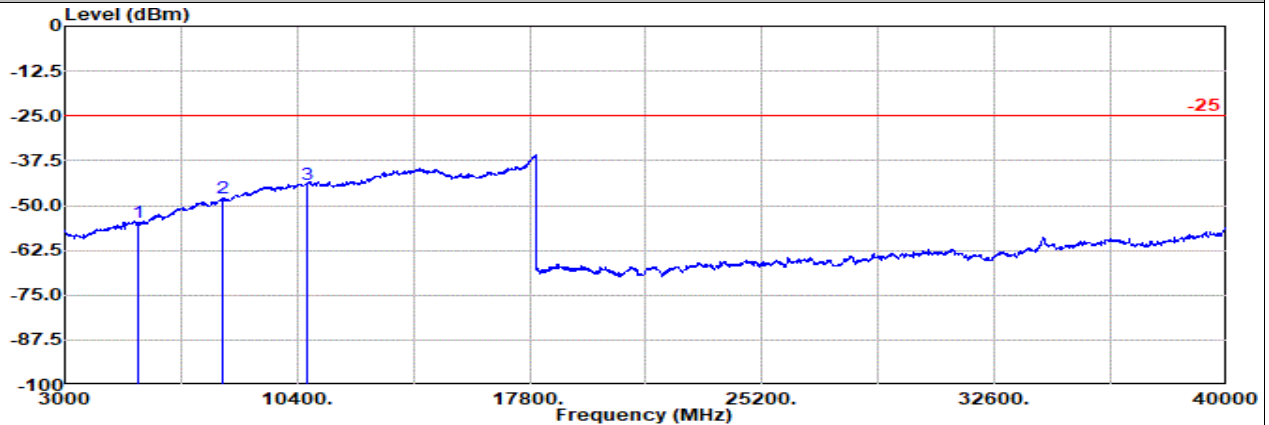


## Ant. Main

## Part 27M Mode 8

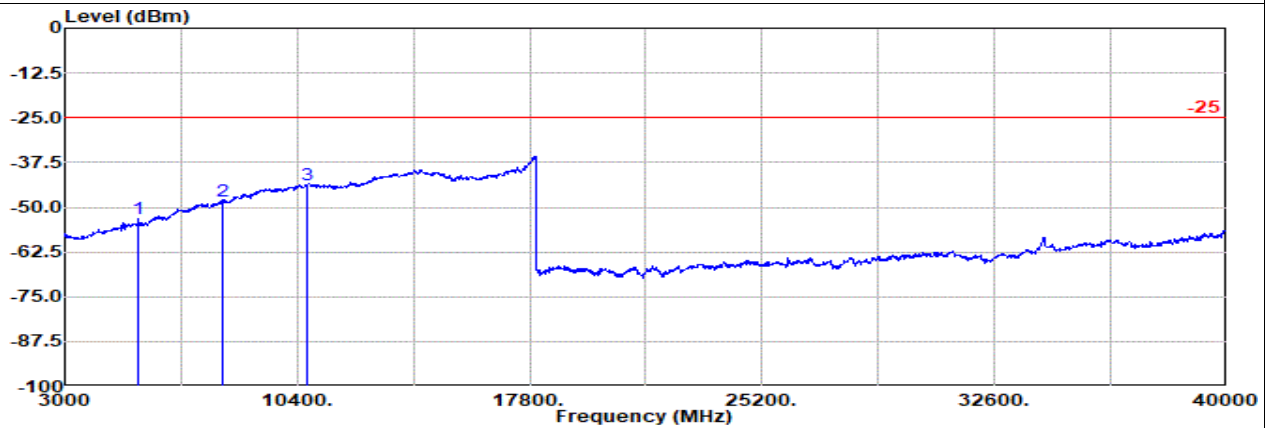
LTE B41 20M Ch41490 1RB0 QPSK

H



Site : 03CH13-HY  
Condition: -25 1m SHF\_1224 Horizontal  
: LTE Band 41 20M Ch41490 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 5342.00  | -54.74 | RMS      | 32.90             | -26.90 | 0.61   | -95.23 | 33.88 | -25.00     | -29.74 Horizontal |
| 2 | 8013.00  | -48.07 | RMS      | 36.77             | -24.93 | 0.58   | -95.23 | 34.74 | -25.00     | -23.07 Horizontal |
| 3 | 10684.00 | -44.01 | RMS      | 39.10             | -23.56 | 0.58   | -95.23 | 35.10 | -25.00     | -19.01 Horizontal |



Site : 03CH13-HY  
Condition: -25 1m SHF\_1224 Vertical  
: LTE Band 41 20M Ch41490 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 5342.00  | -53.11 | RMS      | 32.90             | -26.90 | 0.61   | -95.23 | 35.51 | -25.00     | -28.11 Vertical |
| 2 | 8013.00  | -48.17 | RMS      | 36.77             | -24.93 | 0.58   | -95.23 | 34.64 | -25.00     | -23.17 Vertical |
| 3 | 10684.00 | -43.88 | RMS      | 39.10             | -23.56 | 0.58   | -95.23 | 35.23 | -25.00     | -18.88 Vertical |

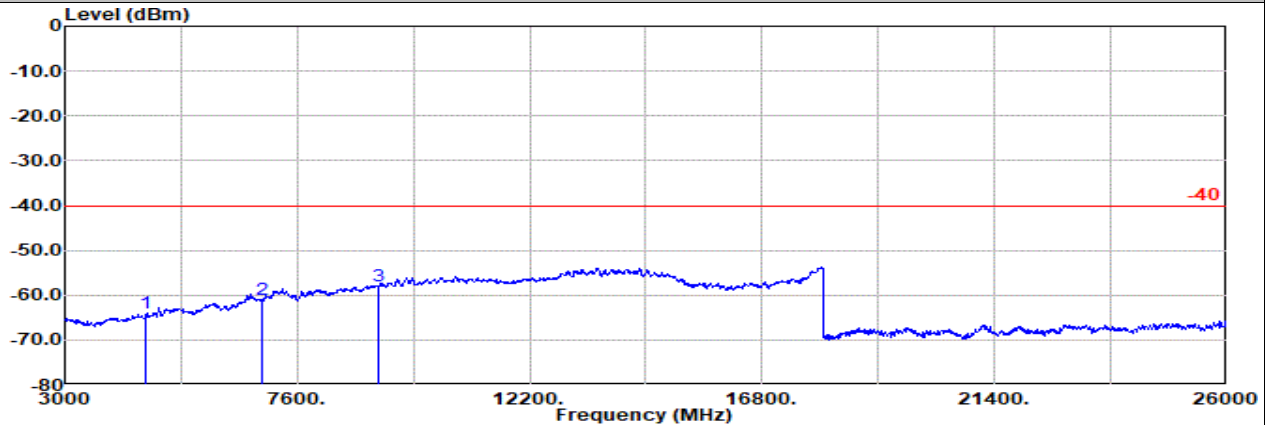


## Ant. Main

## Part 27D Mode 9

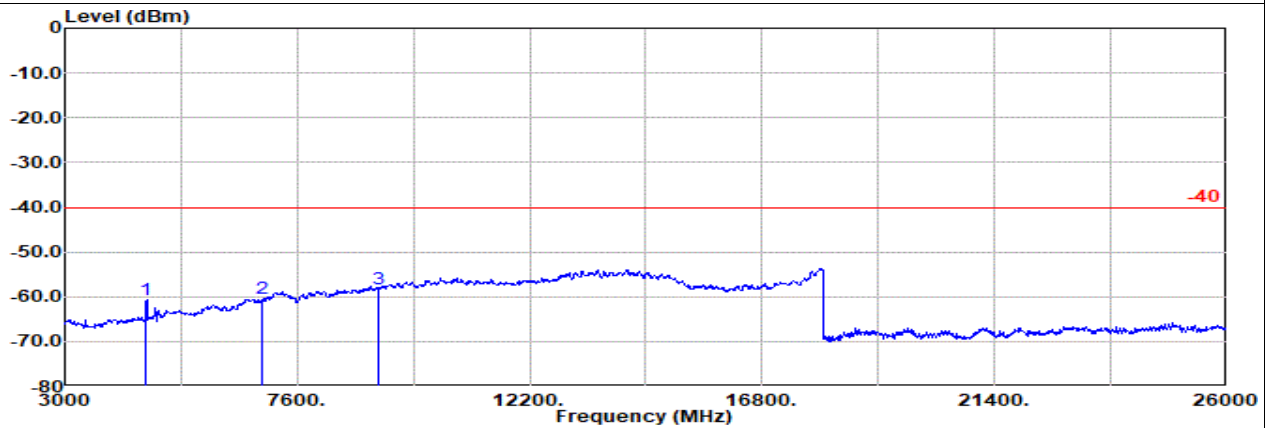
## LTE B30 5M Ch27685 1RB0 QPSK

## L



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Horizontal  
: LTE Band 30 5M Ch27685 1RB0 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin Pol |        |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|------------|--------|
|   |             |              |          | Factor            | 1      |        |             |       |            |        |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB          | dBuV  | dBm        | dB     |
| 1 | 4611.00     | -63.98       | RMS      | 31.74             | -49.34 | 0.70   | -95.23      | 0.00  | -40.00     | -23.98 |
| 2 | 6916.00     | -61.02       | RMS      | 35.73             | -45.29 | 0.58   | -95.23      | 43.19 | -40.00     | -21.02 |
| 3 | 9221.00     | -58.05       | RMS      | 37.84             | -43.01 | 0.64   | -95.23      | 41.71 | -40.00     | -18.05 |



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Vertical  
: LTE Band 30 5M Ch27685 1RB0 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin Pol |        |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|------------|--------|
|   |             |              |          | Factor            | 1      |        |             |       |            |        |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB          | dBuV  | dBm        | dB     |
| 1 | 4611.00     | -60.69       | RMS      | 31.74             | -49.34 | 0.70   | -95.23      | 51.44 | -40.00     | -20.69 |
| 2 | 6916.00     | -60.48       | RMS      | 35.73             | -45.29 | 0.58   | -95.23      | 43.73 | -40.00     | -20.48 |
| 3 | 9221.00     | -58.21       | RMS      | 37.84             | -43.01 | 0.64   | -95.23      | 41.55 | -40.00     | -18.21 |

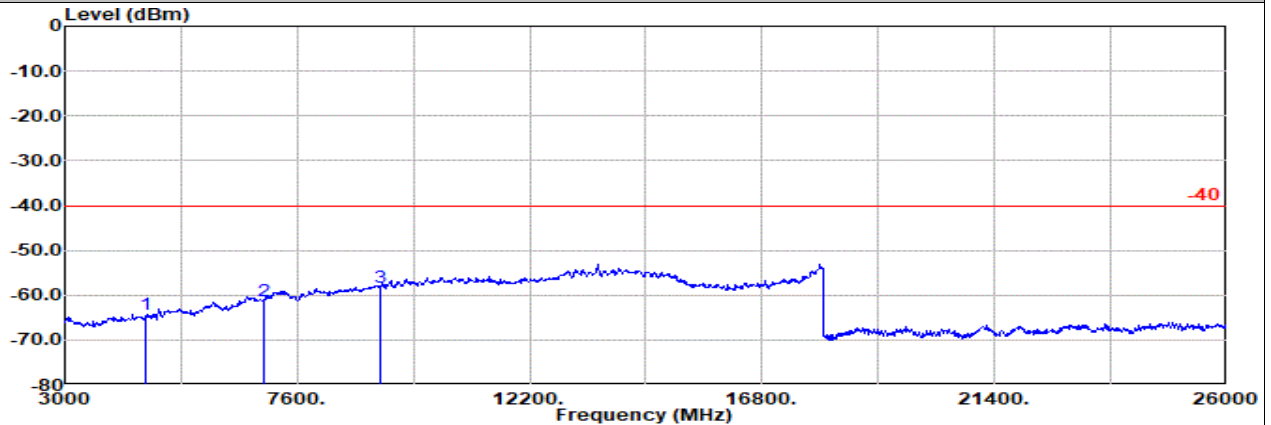


## Ant. Main

## Part 27D Mode 9

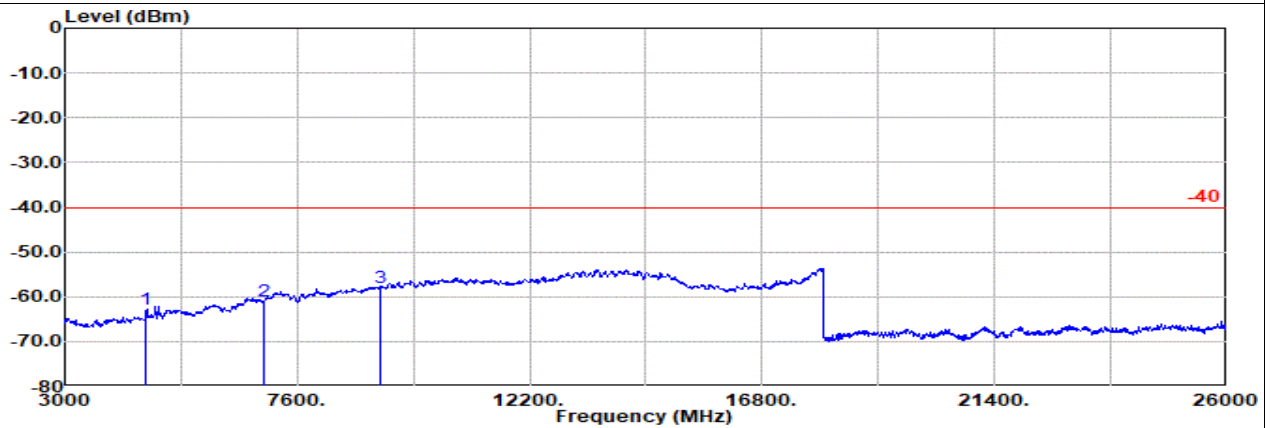
## LTE B30 5M Ch27710 1RB0 QPSK

## M



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Horizontal  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 4616.00    | -64.37 | RMS      | 31.76             | -49.33 | 0.70   | -95.23   | 47.73 | -40.00 | -24.37   | Horizontal |     |        |     |
| 2 | 6924.00    | -61.33 | RMS      | 35.75             | -45.29 | 0.58   | -95.23   | 42.86 | -40.00 | -21.33   | Horizontal |     |        |     |
| 3 | 9231.00    | -58.19 | RMS      | 37.86             | -43.00 | 0.63   | -95.23   | 41.55 | -40.00 | -18.19   | Horizontal |     |        |     |



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Vertical  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 4616.00    | -62.69 | RMS      | 31.76             | -49.33 | 0.70   | -95.23   | 49.41 | -40.00 | -22.69   | Vertical |     |        |     |
| 2 | 6924.00    | -60.85 | RMS      | 35.75             | -45.29 | 0.58   | -95.23   | 43.34 | -40.00 | -20.85   | Vertical |     |        |     |
| 3 | 9231.00    | -57.99 | RMS      | 37.86             | -43.00 | 0.63   | -95.23   | 41.75 | -40.00 | -17.99   | Vertical |     |        |     |

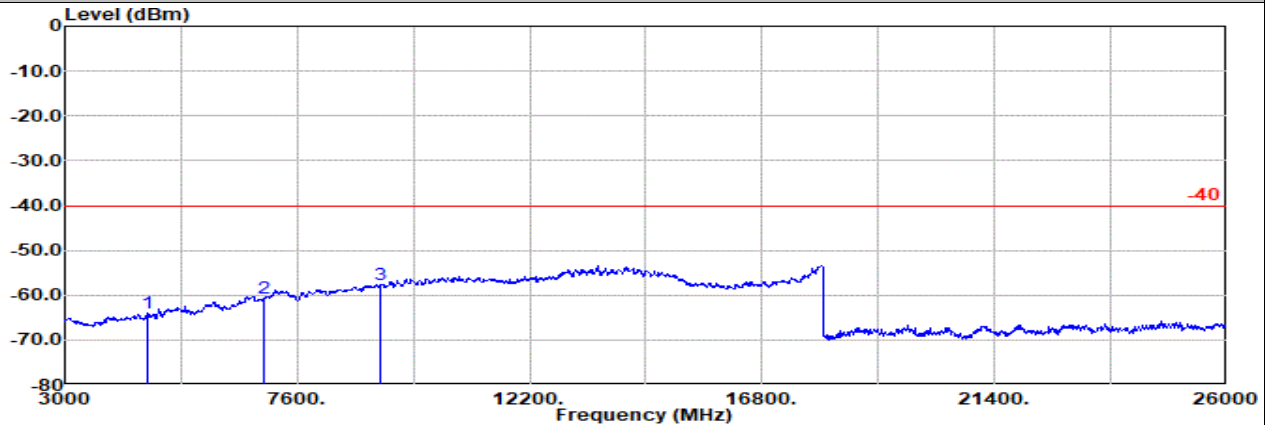


## Ant. Main

## Part 27D Mode 9

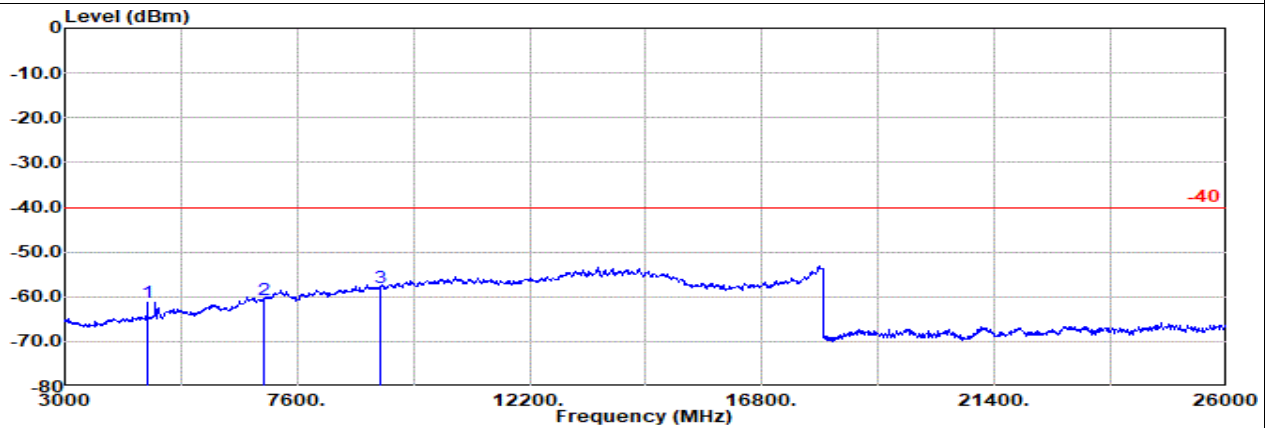
## LTE B30 5M Ch27735 1RB0 QPSK

## H



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Horizontal  
: LTE Band 30 5M Ch27735 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 4621.00 | -63.86 | RMS      | 31.78             | -49.31 | 0.70   | -95.23 | 48.20 | -40.00     | -23.86 Horizontal |
| 2 | 6931.00 | -60.77 | RMS      | 35.76             | -45.29 | 0.58   | -95.23 | 43.41 | -40.00     | -20.77 Horizontal |
| 3 | 9241.00 | -57.74 | RMS      | 37.88             | -42.99 | 0.63   | -95.23 | 41.97 | -40.00     | -17.74 Horizontal |



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Vertical  
: LTE Band 30 5M Ch27735 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 4621.00 | -61.22 | RMS      | 31.78             | -49.31 | 0.70   | -95.23 | 50.84 | -40.00     | -21.22 Vertical |
| 2 | 6931.00 | -60.74 | RMS      | 35.76             | -45.29 | 0.58   | -95.23 | 43.44 | -40.00     | -20.74 Vertical |
| 3 | 9241.00 | -57.90 | RMS      | 37.88             | -42.99 | 0.63   | -95.23 | 41.81 | -40.00     | -17.90 Vertical |

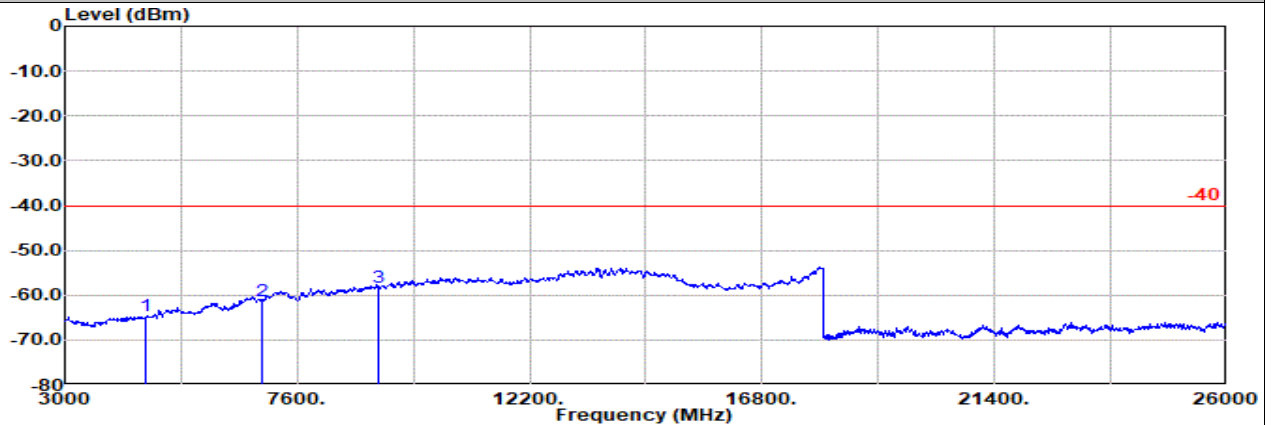


## Ant. Main

## Part 27D Mode 10

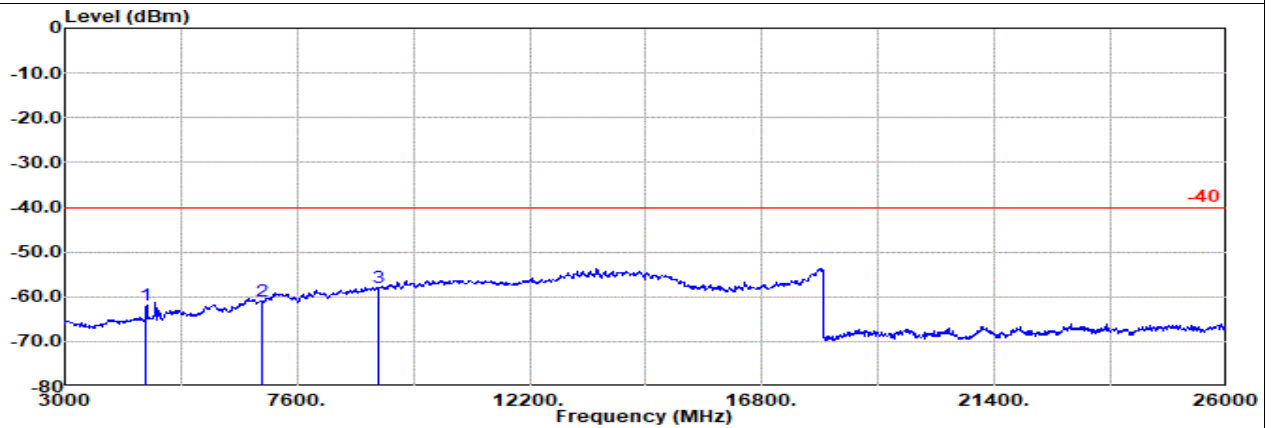
## LTE B30 10M Ch27710 1RB0 QPSK

## M



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Horizontal  
: LTE Band 30 10M Ch27710 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 4611.00 | -64.59 | RMS      | 31.74             | -49.34 | 0.70   | -95.23 | 47.54 | -40.00     | -24.59 Horizontal |
| 2 | 6917.00 | -61.16 | RMS      | 35.73             | -45.29 | 0.58   | -95.23 | 43.05 | -40.00     | -21.16 Horizontal |
| 3 | 9222.00 | -58.19 | RMS      | 37.84             | -43.01 | 0.64   | -95.23 | 41.57 | -40.00     | -18.19 Horizontal |



Site : 03CH13-HY  
Condition: -40 1m SHF\_1224 Vertical  
: LTE Band 30 10M Ch27710 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 4611.00 | -61.84 | RMS      | 31.74             | -49.34 | 0.70   | -95.23 | 50.29 | -40.00     | -21.84 Vertical |
| 2 | 6917.00 | -60.86 | RMS      | 35.73             | -45.29 | 0.58   | -95.23 | 43.35 | -40.00     | -20.86 Vertical |
| 3 | 9222.00 | -58.09 | RMS      | 37.84             | -43.01 | 0.64   | -95.23 | 41.67 | -40.00     | -18.09 Vertical |

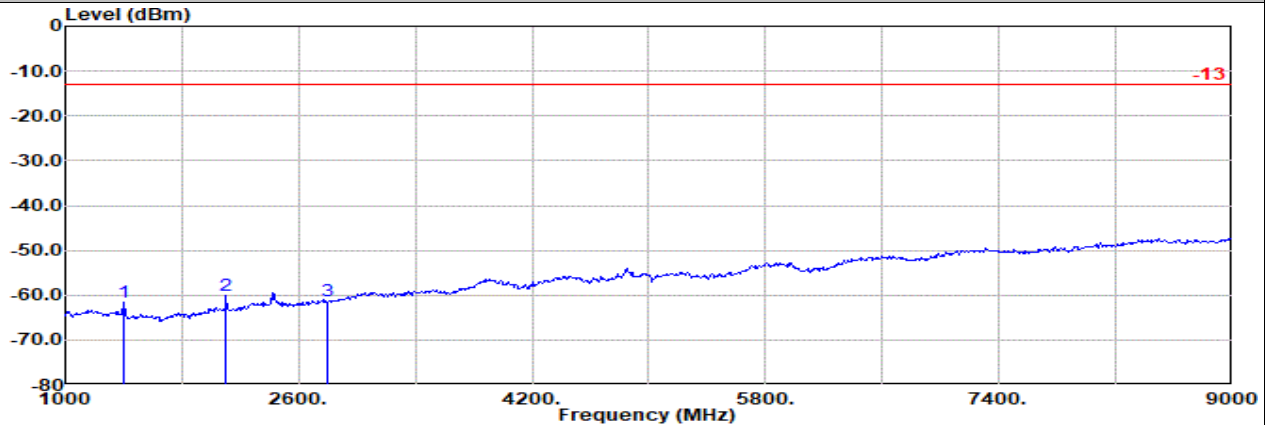


## Ant. Main

Part 27H Mode 17

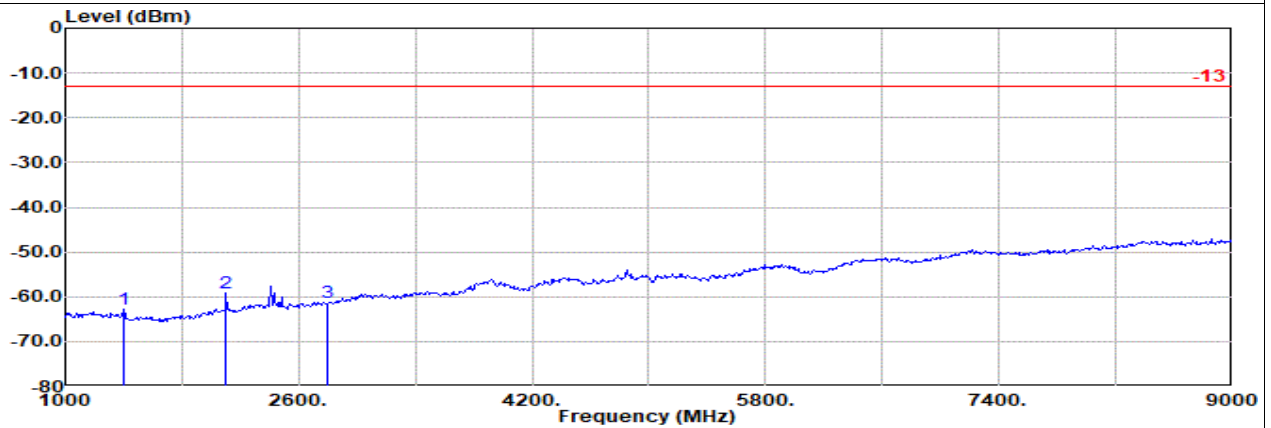
LTE B12 10M Ch23060 1RB0 QPSK

L



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 12 10M Ch23060 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1399.00 | -61.67 | RMS      | 25.41             | -31.97 | 0.63   | -95.23 | 39.49 | -13.00     | -48.67 Horizontal |
| 2 | 2099.00 | -60.12 | RMS      | 27.10             | -30.80 | 0.33   | -95.23 | 38.48 | -13.00     | -47.12 Horizontal |
| 3 | 2798.00 | -61.35 | RMS      | 28.30             | -29.79 | 0.19   | -95.23 | 35.18 | -13.00     | -48.35 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 12 10M Ch23060 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1399.00 | -62.89 | RMS      | 25.41             | -31.97 | 0.63   | -95.23 | 38.27 | -13.00     | -49.89 Vertical |
| 2 | 2099.00 | -59.10 | RMS      | 27.10             | -30.80 | 0.33   | -95.23 | 39.50 | -13.00     | -46.10 Vertical |
| 3 | 2798.00 | -61.21 | RMS      | 28.30             | -29.79 | 0.19   | -95.23 | 35.32 | -13.00     | -48.21 Vertical |

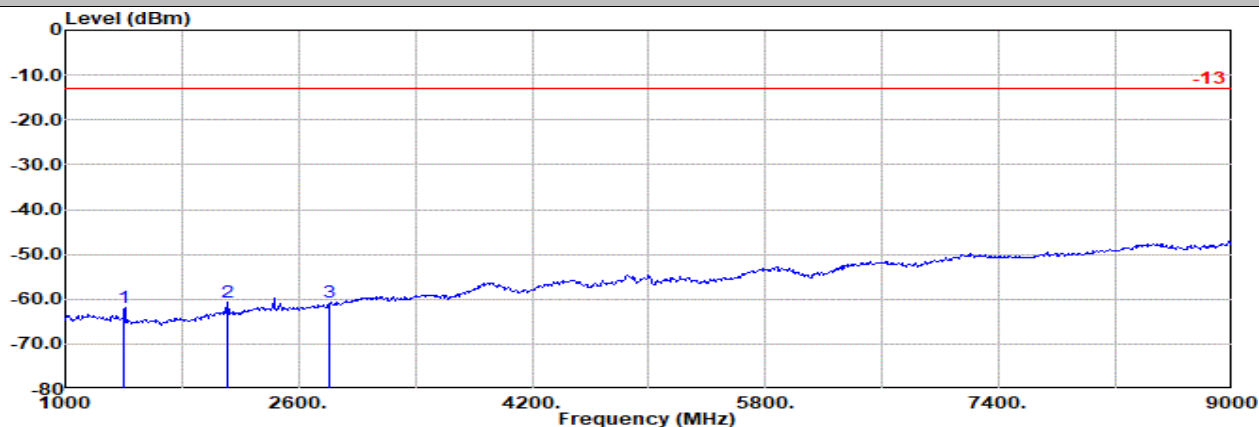


## Ant. Main

Part 27H Mode 17

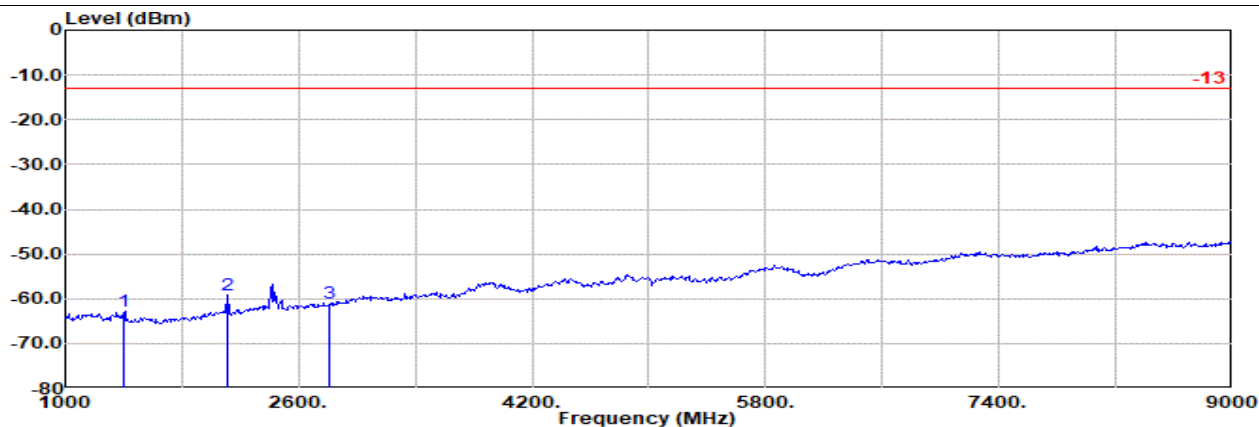
LTE B12 10M Ch23095 1RB0 QPSK

M



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 12 10M Ch23095 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 1406.00 | -61.95 | RMS      | 25.34             | -31.96 | 0.62   | -95.23 | 39.28 | -13.00     | -48.95 Horizontal |
| 2 | 2109.00 | -60.83 | RMS      | 27.19             | -30.78 | 0.34   | -95.23 | 37.65 | -13.00     | -47.83 Horizontal |
| 3 | 2812.00 | -60.58 | RMS      | 28.30             | -29.77 | 0.18   | -95.23 | 35.94 | -13.00     | -47.58 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 12 10M Ch23095 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 1406.00 | -62.69 | RMS      | 25.34             | -31.96 | 0.62   | -95.23 | 38.54 | -13.00     | -49.69 Vertical |
| 2 | 2109.00 | -59.19 | RMS      | 27.19             | -30.78 | 0.34   | -95.23 | 39.29 | -13.00     | -46.19 Vertical |
| 3 | 2812.00 | -60.97 | RMS      | 28.30             | -29.77 | 0.18   | -95.23 | 35.55 | -13.00     | -47.97 Vertical |

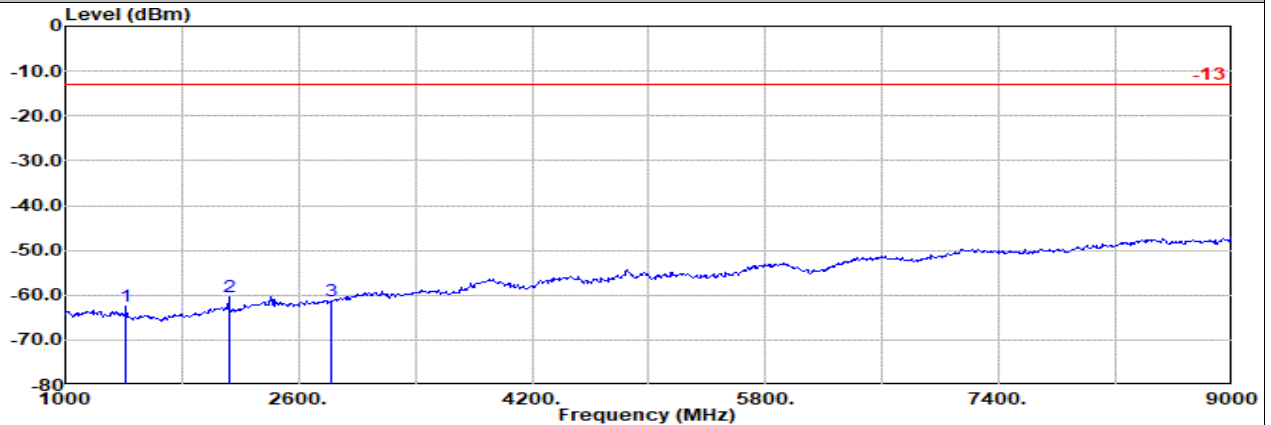


## Ant. Main

Part 27H Mode 17

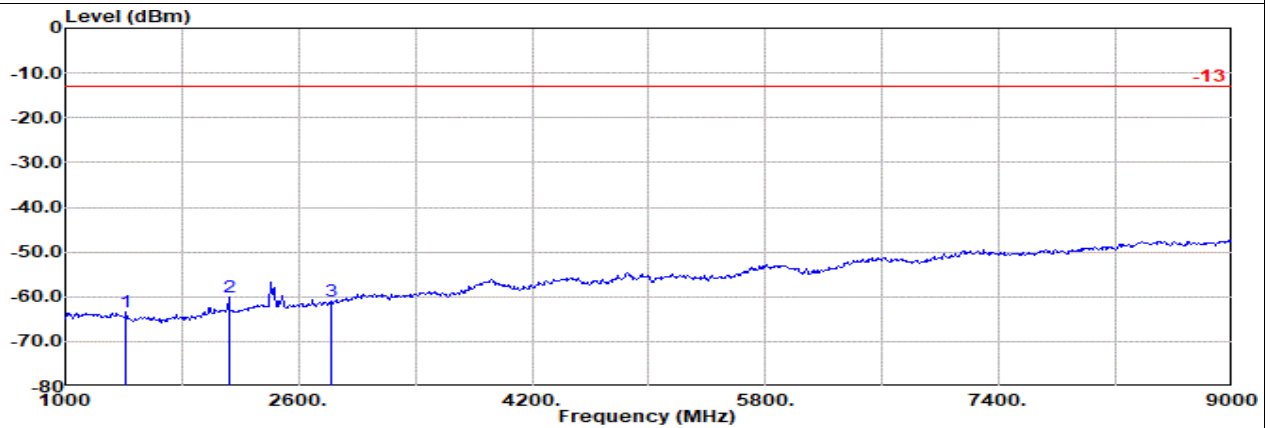
LTE B12 10M Ch23130 1RB0 QPSK

H



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Horizontal  
: LTE Band 12 10M Ch23130 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1413.00 | -62.43 | RMS      | 25.30             | -31.95 | 0.62   | -95.23 | 38.83 | -13.00     | -49.43 Horizontal |
| 2 | 2120.00 | -60.27 | RMS      | 27.30             | -30.77 | 0.34   | -95.23 | 38.09 | -13.00     | -47.27 Horizontal |
| 3 | 2826.00 | -61.23 | RMS      | 28.36             | -29.75 | 0.18   | -95.23 | 35.21 | -13.00     | -48.23 Horizontal |



Site : 03CH13-HY  
Condition: -13 3m HORN\_9120D\_1326 Vertical  
: LTE Band 12 10M Ch23130 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1413.00 | -63.42 | RMS      | 25.30             | -31.95 | 0.62   | -95.23 | 37.84 | -13.00     | -50.42 Vertical |
| 2 | 2120.00 | -59.94 | RMS      | 27.30             | -30.77 | 0.34   | -95.23 | 38.42 | -13.00     | -46.94 Vertical |
| 3 | 2826.00 | -61.00 | RMS      | 28.36             | -29.75 | 0.18   | -95.23 | 35.44 | -13.00     | -48.00 Vertical |

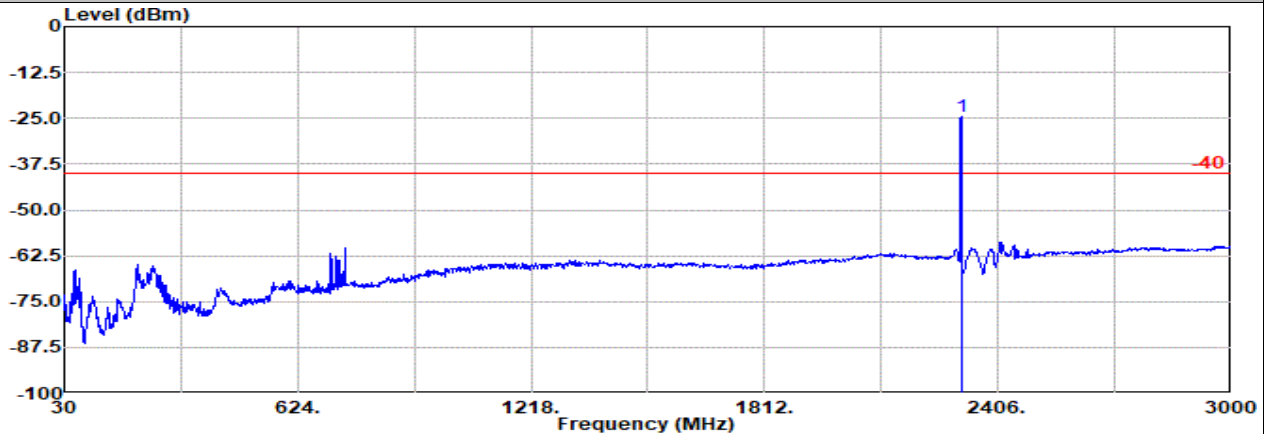


## Ant. Main

Part 27D Mode 9

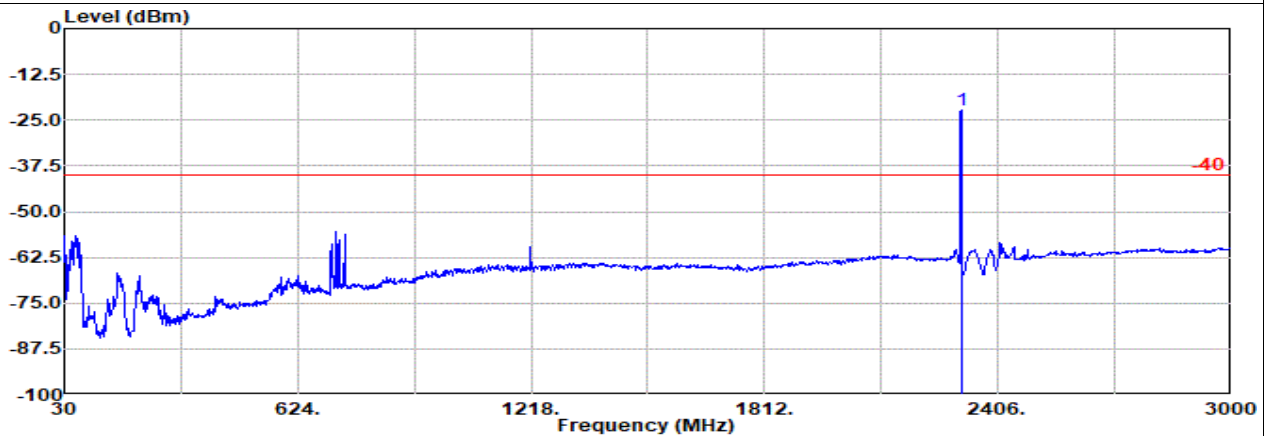
LTE B30 5M Ch27735 1RB0 QPSK

H



Site : 03CH13-HY  
Condition: -40 3m BILOG\_40103 Horizontal  
Mode : LTE Band 30 5M Ch27735 1RB0 QPSK  
: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|------------|
|   | MHz     | dBm    |          |            |        |          |        |          |       |        |            |
| 1 | 2312.00 | -24.41 | RMS      | 27.20      | -30.50 | 0.18     | -95.23 | 73.94    | ----- | -----  | Horizontal |



Site : 03CH13-HY  
Condition: -40 3m BILOG\_40103 Vertical  
Mode : LTE Band 30 5M Ch27735 1RB0 QPSK  
: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|----------|
|   | MHz     | dBm    |          |            |        |          |        |          |       |        |          |
| 1 | 2312.00 | -22.37 | RMS      | 27.20      | -30.50 | 0.18     | -95.23 | 75.98    | ----- | -----  | Vertical |