**Annex A – Test Report for TA-1087 (Dual SIM)**

# FCC Test Report
# (Part 27)

| | |
|---|---|
| **Report No.:** | RF180523C09-2 R1 |
| **FCC ID:** | 2AJOTTA-1087 |
| **Test Model:** | TA-1087 |
| **Received Date:** | May 23, 2018 |
| **Test Date:** | Jun. 07 ~ Jun. 15, 2018 (For all test data except LTE Band 41)<br>Aug. 31 ~ Sep. 04, 2018 (For LTE Band 41) |
| **Issued Date:** | Oct. 24, 2018 |
| **Applicant:** | HMD Global Oy |
| **Address:** | Bertel Jungin aukio 9, 02600 Espoo, Finland |
| **Issued By:** | Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch |
| **Lab Address:** | No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C. |
| **Test Location:** | No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.) |

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## Release Control Record

| Issue No. | Description | Date Issued |
|---|---|---|
| RF180523C09-2 | Original release | Jun. 20, 2018 |
| RF180523C09-2 R1 | 1. Modified Band 41 bandwidth and test data<br>2. Revised applicant's address | Oct. 24, 2018 |

## 1 Certificate of Conformity

| | |
|---|---|
| **Product:** | Smart Phone |
| **Brand:** | NOKIA |
| **Test Model:** | TA-1087 |
| **Sample Status:** | Production Unit |
| **Applicant:** | HMD Global Oy |
| **Test Date:** | Jun. 07 ~ Jun. 15, 2018 (For all test data except LTE Band 41)<br>Aug. 31 ~ Sep. 04, 2018 (For LTE Band 41) |
| **Standards:** | FCC Part 27, Subpart C, D, L, H, F, M |

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

**Prepared by :** Pettie Chen , **Date:** Oct. 24, 2018

Pettie Chen / Senior Specialist

**Approved by :** Bruce Chen , **Date:** Oct. 24, 2018

Bruce Chen / Project Engineer

## 2 Summary of Test Results

| Applied Standard: FCC Part 27 & Part 2 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| FCC Clause | | | | | | | | Test Item | Result | Remarks |
| WCDMA Band 4 / LTE Band 4 | LTE Band 7 | LTE Band 12 | LTE Band 13 | LTE Band 17 | LTE Band 38 | LTE Band 41 | LTE Band 66 | | | |
| 2.1046 27.50 (d)(4) | 2.1046 27.50(h) | 2.1046 27.50 (b)(10) | 2.1046 27.50 (b)(10) | 2.1046 27.50 (c)(10) | 2.1046 27.50(h) | 2.1046 27.50 (h)(2) | 2.1046 27.50 (d)(4) | Equivalent Isotropically Radiated Power | Pass | Meet the requirement of limit. |
| ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | Peak To Average Ratio | Pass | Meet the requirement of limit. |
| 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | 2.1055 27.54 | Frequency Stability Stay with the authorized bands of operation | Pass | Meet the requirement of limit. |
| 2.1049 27.53 (m)(6) | 2.1049 27.53 (h) | 2.1049 27.53 (m)(6) | 2.1049 27.53 (m)(6) | 2.1049 27.53 (m)(6) | 2.1049 27.53 (h) | 2.1049 27.53 (m)(6) | 2.1049 27.53 (m)(6) | Emission Bandwidth | Pass | Meet the requirement of limit. |
| 2.1051 27.53(h) | 2.1051 27.53(m) | 2.1051 27.53(c) | 2.1051 27.53(c) | 2.1051 27.53(g) | 2.1051 27.53(m) | 2.1051 27.53(m) (4)(6) | 2.1051 27.53(h) | Band Edge Measurements | Pass | Meet the requirement of limit. |
| 2.1051 27.53(h) | 2.1051 27.53(m) | 2.1051 27.53(c) | 2.1051 27.53(c) | 2.1051 27.53(g) | 2.1051 27.53(m) | 2.1051 27.53(m) (4)(6) | 2.1051 27.53(h) | Conducted Spurious Emissions | Pass | Meet the requirement of limit. |
| 2.1051 27.53(h) | 2.1053 27.53(m) | 2.1051 27.53(c) | 2.1051 27.53(c) | 2.1051 27.53(g) | 2.1053 27.53(m) | 2.1053 27.53(m) (4)(6) | 2.1051 27.53(h) | Radiated Spurious Emissions | Pass | Meet the requirement of limit. Minimum passing margin is -13.6dB at 30.00MHz. |

### 2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement | Frequency | Expanded Uncertainty (k=2) (±) |
|---|---|---|
| Radiated Emissions up to 1 GHz | 30MHz ~ 200MHz | 3.59 dB |
| | 200MHz ~1000MHz | 3.60 dB |
| Radiated Emissions above 1 GHz | 1GHz ~ 18GHz | 2.29 dB |
| | 18GHz ~ 40GHz | 2.29 dB |

## 2.2 Test Site and Instruments

For test date: Jun. 07 ~ Jun. 15, 2018

| Description & Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|---|---|---|---|---|
| Test Receiver KEYSIGHT | N9038A | MY55420137 | Apr. 11, 2018 | Apr. 10, 2019 |
| Spectrum Analyzer ROHDE & SCHWARZ | FSP40 | 100269 | May 29, 2018 | May 28, 2019 |
| BILOG Antenna SCHWARZBECK | VULB9168 | 9168-148 | Dec. 11, 2017 | Dec. 10, 2018 |
| HORN Antenna SCHWARZBECK | BBHA 9120 D | 9120D-1169 | Dec. 12, 2017 | Dec. 11, 2018 |
| HORN Antenna SCHWARZBECK | BBHA 9170 | BBHA9170241 | Dec. 01, 2017 | Nov. 30, 2018 |
| Loop Antenna EMCI | EM-6879 | 269 | Aug. 11, 2017 | Aug. 10, 2018 |
| Preamplifier Agilent (Below 1GHz) | 8447D | 2944A10638 | Aug. 08, 2017 | Aug. 07, 2018 |
| Preamplifier Agilent (Above 1GHz) | 8449B | 3008A01638 | Feb. 22, 2018 | Feb. 21, 2019 |
| RF signal cable HUBER+SUHNER&EMCI | SUCOFLEX 104 & EMC104-SM-SM8000 | CABLE-CH9-02 (248780+171006) | Jan. 15, 2018 | Jan. 14, 2019 |
| RF signal cable HUBER+SUHNER | SUCOFLEX 104 | CABLE-CH9-(250795/4) | Aug. 08, 2017 | Aug. 07, 2018 |
| RF signal cable Woken | 8D-FB | Cable-CH9-01 | Aug. 01, 2017 | Jul. 31, 2018 |
| Software BV ADT | ADT_Radiated_ V7.6.15.9.5 | NA | NA | NA |
| Antenna Tower EMCO | 2070/2080 | 512.835.4684 | NA | NA |
| Turn Table EMCO | 2087-2.03 | NA | NA | NA |
| Antenna Tower &Turn BV ADT | AT100 | AT93021705 | NA | NA |
| Turn Table BV ADT | TT100 | TT93021705 | NA | NA |
| Turn Table Controller BV ADT | SC100 | SC93021705 | NA | NA |
| Boresight Antenna Fixture | FBA-01 | FBA-SIP01 | NA | NA |
| Turn Table Controller BV ADT | SC100 | SC93021702 | NA | NA |
| Temperature And Humidity Chamber TERCHY | HRM-120RF | 931022 | Nov. 20, 2017 | Nov. 19, 2018 |
| JFW 20dB attenuation | 50HF-020-SMA | NA | NA | NA |
| Radio Communication Analyzer | MT8821C | 6261786083 | Dec. 21, 2017 | Dec. 20, 2018 |

Note:
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 9.
3. The FCC Designation Number is TW0003. The number will be varied with the Lab location and scope as attached.
4. The IC Site Registration No. is IC 7450F-9.

For test date: Aug. 31 ~ Sep. 04, 2018

| Description & Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|---|---|---|---|---|
| Test Receiver KEYSIGHT | N9038A | MY55420137 | Apr. 11, 2018 | Apr. 10, 2019 |
| Spectrum Analyzer ROHDE & SCHWARZ | FSP40 | 100269 | May 29, 2018 | May 28, 2019 |
| BILOG Antenna SCHWARZBECK | VULB9168 | 9168-148 | Dec. 11, 2017 | Dec. 10, 2018 |
| HORN Antenna SCHWARZBECK | BBHA 9120 D | 9120D-1169 | Dec. 12, 2017 | Dec. 11, 2018 |
| HORN Antenna SCHWARZBECK | BBHA 9170 | BBHA9170241 | Dec. 01, 2017 | Nov. 30, 2018 |
| Loop Antenna TESEQ | HLA 6121 | 45745 | Jun. 14, 2018 | Jun. 13, 2019 |
| Preamplifier Agilent (Below 1GHz) | 8447D | 2944A10638 | Aug. 08, 2018 | Aug. 07, 2019 |
| Preamplifier Agilent (Above 1GHz) | 8449B | 3008A01638 | Feb. 22, 2018 | Feb. 21, 2019 |
| RF signal cable HUBER+SUHNER&EMCI | SUCOFLEX 104 & EMC104-SM-SM8000 | CABLE-CH9-02 (248780+171006) | Jan. 15, 2018 | Jan. 14, 2019 |
| RF signal cable HUBER+SUHNER | SUCOFLEX 104 | CABLE-CH9-(250795/4) | Aug. 08, 2017 | Aug. 07, 2018 |
| RF signal cable Woken | 8D-FB | Cable-CH9-01 | Jul. 31, 2018 | Jul. 30, 2019 |
| Software BV ADT | ADT_Radiated_ V7.6.15.9.5 | NA | NA | NA |
| Antenna Tower EMCO | 2070/2080 | 512.835.4684 | NA | NA |
| Turn Table EMCO | 2087-2.03 | NA | NA | NA |
| Antenna Tower &Turn BV ADT | AT100 | AT93021705 | NA | NA |
| Turn Table BV ADT | TT100 | TT93021705 | NA | NA |
| Turn Table Controller BV ADT | SC100 | SC93021705 | NA | NA |
| Boresight Antenna Fixture | FBA-01 | FBA-SIP01 | NA | NA |
| Turn Table Controller BV ADT | SC100 | SC93021702 | NA | NA |
| Temperature And Humidity Chamber TERCHY | HRM-120RF | 931022 | Nov. 20, 2017 | Nov. 19, 2018 |
| JFW 20dB attenuation | 50HF-020-SMA | NA | NA | NA |
| Radio Communication Analyzer | MT8821C | 6261786083 | Dec. 21, 2017 | Dec. 20, 2018 |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 9.
3. The FCC Designation Number is TW0003. The number will be varied with the Lab location and scope as attached.
4. The IC Site Registration No. is IC 7450F-9.

## 3 General Information

### 3.1 General Description of EUT

| | | | |
|---|---|---|---|
| Product | SmartPhone | | |
| Brand | NOKIA | | |
| Test Model | TA-1087 | | |
| Status of EUT | Production Unit | | |
| Power Supply Rating | 5.0 Vdc or 9 Vdc or 12 Vdc (adapter)<br>5.0 Vdc (host equipment)<br>3.85 Vdc (Li-ion battery) | | |
| Modulation Type | WCDMA: BPSK, QPSK<br>HSDPA: BPSK<br>HSUPA: QPSK<br>LTE: QPSK, 16QAM, 64QAM | | |
| Operating Frequency | WCDMA Band 4 | | 1712.4MHz ~ 1752.6MHz |
| | LTE Band 4 | Channel Bandwidth 1.4MHz | 1710.7MHz ~ 1754.3MHz |
| | | Channel Bandwidth 3MHz | 1711.5MHz ~ 1753.5MHz |
| | | Channel Bandwidth 5MHz | 1712.5MHz ~ 1752.5MHz |
| | | Channel Bandwidth 10MHz | 1715.0MHz ~ 1750.0MHz |
| | | Channel Bandwidth 15MHz | 1717.5MHz ~ 1747.5MHz |
| | | Channel Bandwidth 20MHz | 1720.0MHz ~ 1745.0MHz |
| | LTE Band 7 | Channel Bandwidth 5MHz | 2622.5MHz ~ 2687.5MHz |
| | | Channel Bandwidth 10MHz | 2625.0MHz ~ 2685.0MHz |
| | | Channel Bandwidth 15MHz | 2627.5MHz ~ 2682.5MHz |
| | | Channel Bandwidth 20MHz | 2630.0MHz ~ 2680.0MHz |
| | | Channel Bandwidth 5+20MHz | 2502.5MHz ~ 2555.8MHz |
| | | Channel Bandwidth 10+15MHz | 2505.0MHz ~ 2553.0MHz |
| | | Channel Bandwidth 10+20MHz | 2505.0MHz ~ 2550.6MHz |
| | | Channel Bandwidth 15+10MHz | 2507.5MHz ~ 2550.5MHz |
| | | Channel Bandwidth 15+15MHz | 2507.5MHz ~ 2547.5MHz |
| | | Channel Bandwidth 15+20MHz | 2507.5MHz ~ 2545.4MHz |
| | | Channel Bandwidth 20+5MHz | 2510.0MHz ~ 2548.3MHz |
| | | Channel Bandwidth 20+10MHz | 2510.0MHz ~ 2545.6MHz |
| | | Channel Bandwidth 20+15MHz | 2510.0MHz ~ 2542.9MHz |
| | | Channel Bandwidth 20+20MHz | 2510.0MHz ~ 2540.2MHz |
| | LTE Band 12 | Channel Bandwidth 1.4MHz | 699.7MHz ~ 715.3MHz |
| | | Channel Bandwidth 3MHz | 700.5MHz ~ 714.5MHz |
| | | Channel Bandwidth 5MHz | 701.5MHz ~ 713.5MHz |
| | | Channel Bandwidth 10MHz | 704.0MHz ~ 711.0MHz |
| | LTE Band 13 | Channel Bandwidth 5MHz | 779.5MHz ~ 784.5MHz |
| | | Channel Bandwidth 10MHz | 782.0MHz |

| | | | | | |
|---|---|---|---|---|---|
| Operating Frequency | LTE Band 17 | Channel Bandwidth 5MHz | 706.5MHz ~ 713.5MHz | | |
| | | Channel Bandwidth 10MHz | 709.0MHz ~ 711.0MHz | | |
| | LTE Band 38 | Channel Bandwidth 5MHz | 2572.5MHz ~ 2617.5MHz | | |
| | | Channel Bandwidth 10MHz | 2575.0MHz ~ 2615.0MHz | | |
| | | Channel Bandwidth 15MHz | 2577.5MHz ~ 2615.0MHz | | |
| | | Channel Bandwidth 20MHz | 2580.0MHz ~ 2610.0MHz | | |
| | LTE Band 41 | Channel Bandwidth 5MHz | 2537.5MHz ~2652.5MHz | | |
| | | Channel Bandwidth 10MHz | 2540MHz ~2650MHz | | |
| | | Channel Bandwidth 15MHz | 2542.5MHz ~2647.5MHz | | |
| | | Channel Bandwidth 20MHz | 2545MHz ~2645MHz | | |
| | LTE Band 66 | Channel Bandwidth 1.4MHz | 1710.7MHz ~ 1779.3MHz | | |
| | | Channel Bandwidth 3MHz | 1711.5MHz ~ 1778.5MHz | | |
| | | Channel Bandwidth 5MHz | 1712.5MHz ~ 1775.00MHz | | |
| | | Channel Bandwidth 10MHz | 1715.0MHz ~ 1772.5MHz | | |
| | | Channel Bandwidth 15MHz | 1717.5MHz ~ 1747.5MHz | | |
| | | Channel Bandwidth 20MHz | 1720.0MHz ~ 1770.0MHz | | |
| Max. EIRP Power | WCDMA Band 4 | | 457.088mW (26.6dBm) | | |
| | | | QPSK | 16QAM | 64QAM |
| | LTE Band 4 | Channel Bandwidth 1.4MHz | 245.471mW (23.9dBm) | 194.984mW (22.9dBm) | 190.546mW (22.8dBm) |
| | | Channel Bandwidth 3MHz | 263.027mW (24.2dBm) | 213.796mW (23.3dBm) | 208.930mW (23.2dBm) |
| | | Channel Bandwidth 5MHz | 257.040mW (24.1dBm) | 199.526mW (23.0dBm) | 190.546mW (22.8dBm) |
| | | Channel Bandwidth 10MHz | 263.027mW (24.2dBm) | 199.526mW (23.0dBm) | 194.984mW (22.9dBm) |
| | | Channel Bandwidth 15MHz | 269.153mW (24.3dBm) | 218.776mW (23.4dBm) | 208.930mW (23.2dBm) |
| | | Channel Bandwidth 20MHz | 295.121mW (24.7dBm) | 234.423mW (23.7dBm) | 229.087mW (23.6dBm) |
| | LTE Band 7 | Channel Bandwidth 5MHz | 151.356mW (21.8dBm) | 123.027mW (20.9dBm) | 109.648mW (20.4dBm) |
| | | Channel Bandwidth 10MHz | 162.181mW (22.1dBm) | 131.826mW (21.2dBm) | 125.893mW (21.0dBm) |
| | | Channel Bandwidth 15MHz | 173.780mW (22.4dBm) | 141.254mW (21.5dBm) | 131.826mW (21.2dBm) |
| | | Channel Bandwidth 20MHz | 181.970mW (22.6dBm) | 147.911mW (21.7dBm) | 138.038mW (21.4dBm) |
| | | Channel Bandwidth 20+20MHz | 190.546mW (22.8dBm) | - | - |
| | LTE Band 38 | Channel Bandwidth 5MHz | 323.594mW (25.1dBm) | 257.040mW (24.1dBm) | 234.423mW (23.7dBm) |
| | | Channel Bandwidth 10MHz | 269.153mW (24.3dBm) | 218.776mW (23.4dBm) | 204.174mW (23.1dBm) |
| | | Channel Bandwidth 15MHz | 309.030mW (24.9dBm) | 239.883mW (23.8dBm) | 218.776mW (23.4dBm) |
| | | Channel Bandwidth 20MHz | 316.228mW (25.0dBm) | 257.040mW (24.1dBm) | 234.423mW (23.7dBm) |

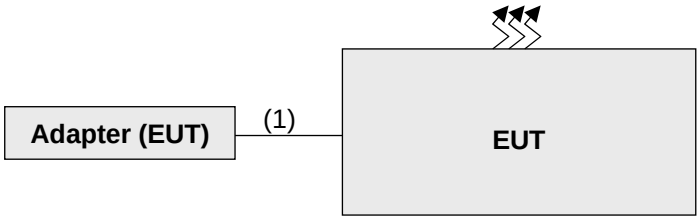
| | | | QPSK | 16QAM | 64QAM |
|---|---|---|---|---|---|
| Max. EIRP Power | LTE Band 41 | Channel Bandwidth 5MHz | 309.030mW (24.9dBm) | 245.471mW (23.9dBm) | 218.776mW (23.4dBm) |
| | | Channel Bandwidth 10MHz | 316.228mW (25.0dBm) | 275.423mW (24.4dBm) | 239.883mW (23.8dBm) |
| | | Channel Bandwidth 15MHz | 269.153mW (24.3dBm) | 213.796mW (23.3dBm) | 186.209mW (22.7dBm) |
| | | Channel Bandwidth 20MHz | 275.423mW (24.4dBm) | 223.872mW (23.5dBm) | 119.526mW (23.0dBm) |
| | LTE Band 66 | Channel Bandwidth 1.4MHz | 812.831mW (29.1dBm) | 645.654mW (28.1dBm) | 630.957mW (28.0dBm) |
| | | Channel Bandwidth 3MHz | 851.138mW (29.3dBm) | 691.831mW (28.4dBm) | 676.083mW (28.3dBm) |
| | | Channel Bandwidth 5MHz | 831.764mW (29.2dBm) | 676.083mW (28.3dBm) | 660.693mW (28.2dBm) |
| | | Channel Bandwidth 10MHz | 831.764mW (29.2dBm) | 676.083mW (28.3dBm) | 660.693mW (28.2dBm) |
| | | Channel Bandwidth 15MHz | 851.138mW (29.3dBm) | 676.083mW (28.3dBm) | 660.693mW (28.2dBm) |
| | | Channel Bandwidth 20MHz | 776.247mW (28.9dBm) | 630.957mW (28.0dBm) | 575.440mW (27.6dBm) |
| Max. ERP Power | LTE Band 12 | Channel Bandwidth 1.4MHz | 89.125mW (19.5dBm) | 72.444mW (18.6dBm) | 69.183mW (18.4dBm) |
| | | Channel Bandwidth 3MHz | 87.096mW (19.4dBm) | 69.183mW (18.4dBm) | 66.069mW (18.2dBm) |
| | | Channel Bandwidth 5MHz | 85.114mW (19.3dBm) | 67.608mW (18.3dBm) | 64.565mW (18.1dBm) |
| | | Channel Bandwidth 10MHz | 89.125mW (19.5dBm) | 69.183mW (18.4dBm) | 66.069mW (18.2dBm) |
| | LTE Band 13 | Channel Bandwidth 5MHz | 83.176mW (19.2dBm) | 66.069mW (18.2dBm) | 66.069mW (18.2dBm) |
| | | Channel Bandwidth 10MHz | 81.283mW (19.1dBm) | 64.565mW (18.1dBm) | 61.660mW (17.9dBm) |
| | LTE Band 17 | Channel Bandwidth 5MHz | 70.795mW (18.5dBm) | 54.954mW (17.4dBm) | 53.703mW (17.3dBm) |
| | | Channel Bandwidth 10MHz | 67.608mW (18.3dBm) | 52.481mW (17.2dBm) | 51.286mW (17.1dBm) |

| | | | | | |
|---|---|---|---|---|---|
| Emission Designator | WCDMA Band 4 | | 4M13F9W | | |
| | | | QPSK | 16QAM | 64QAM |
| | LTE Band 4 | Channel Bandwidth 1.4MHz | 1M09G7D | 1M09W7D | 1M09W7D |
| | | Channel Bandwidth 3MHz | 2M69G7D | 2M69W7D | 2M68W7D |
| | | Channel Bandwidth 5MHz | 4M48G7D | 4M46W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M93G7D | 8M96W7D | 8M93W7D |
| | | Channel Bandwidth 15MHz | 13M4G7D | 13M4W7D | 13M4W7D |
| | | Channel Bandwidth 20MHz | 17M9G7D | 17M8W7D | 17M9W7D |
| | LTE Band 7 | Channel Bandwidth 5MHz | 4M48G7D | 4M48W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M93G7D | 8M93W7D | 8M96W7D |
| | | Channel Bandwidth 15MHz | 13M4G7D | 13M4W7D | 13M4W7D |
| | | Channel Bandwidth 20MHz | 18M0G7D | 17M9W7D | 17M9W7D |
| | | Channel Bandwidth 20+20MHz | 37M6G7D | - | - |
| | LTE Band 12 | Channel Bandwidth 1.4MHz | 1M09G7D | 1M09W7D | 1M09W7D |
| | | Channel Bandwidth 3MHz | 2M69G7D | 2M69W7D | 2M68W7D |
| | | Channel Bandwidth 5MHz | 4M48G7D | 4M48W7D | 4M50W7D |
| | | Channel Bandwidth 10MHz | 8M96G7D | 8M96W7D | 8M96W7D |
| | LTE Band 13 | Channel Bandwidth 5MHz | 4M48G7D | 4M48W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M93G7D | 8M93W7D | 8M93W7D |
| | LTE Band 17 | Channel Bandwidth 5MHz | 4M48G7D | 4M48W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M96G7D | 9M00W7D | 8M96W7D |
| | LTE Band 38 | Channel Bandwidth 5MHz | 4M46G7D | 4M45W7D | 4M46W7D |
| | | Channel Bandwidth 10MHz | 8M90G7D | 8M93W7D | 8M93W7D |
| | | Channel Bandwidth 15MHz | 13M4G7D | 13M3W7D | 13M4W7D |
| | | Channel Bandwidth 20MHz | 17M9G7D | 17M9W7D | 17M9W7D |
| | LTE Band 41 | Channel Bandwidth 5MHz | 4M46G7D | 4M48W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M93G7D | 8M96W7D | 8M96W7D |
| | | Channel Bandwidth 15MHz | 13M4G7D | 13M4W7D | 13M4W7D |
| | | Channel Bandwidth 20MHz | 17M8G7D | 18M0W7D | 17M9W7D |
| | LTE Band 66 | Channel Bandwidth 1.4MHz | 1M08G7D | 1M09W7D | 1M09W7D |
| | | Channel Bandwidth 3MHz | 2M69G7D | 2M69W7D | 2M68W7D |
| | | Channel Bandwidth 5MHz | 4M46G7D | 4M46W7D | 4M48W7D |
| | | Channel Bandwidth 10MHz | 8M93G7D | 8M93W7D | 8M93W7D |
| | | Channel Bandwidth 15MHz | 13M4G7D | 13M4W7D | 13M4W7D |
| | | Channel Bandwidth 20MHz | 18M0G7D | 17M9W7D | 18M0W7D |

| | |
|---|---|
| Antenna Connector | WCDMA Band 4, LTE Band 4, LTE Band 66:<br>Main Ant.: Fixed Internal antenna with 1.6dBi gain<br>Aux. Ant.: Fixed Internal antenna with -3.3dBi gain<br>LTE Band 7, LTE Band 38:<br>Main Ant.: Fixed Internal antenna with 0.2dBi gain<br>Aux. Ant.: Fixed Internal antenna with -1.2dBi gain<br>LTE Band 12, LTE Band 13, LTE Band 17:<br>Main Ant.: Fixed Internal antenna with -2.1dBi gain<br>Aux. Ant.: Fixed Internal antenna with -1.2dBi gain<br>LTE Band 41:<br>Main Ant.: Fixed Internal antenna with 0.7dBi gain<br>Aux. Ant.: Fixed Internal antenna with -1.2dBi gain<br>(Brand: TongDa Electrics, Model: MEAOP61010A) |
| Antenna Connector | NA |
| Accessory Device | Refer to Note as below |
| Data Cable Supplied | Refer to Note as below |

Note: The EUT's accessories list refers to Ext. Pho.

### 3.2 Configuration of System under Test




#### 3.2.1 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| ID | Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks |
|---|---|---|---|---|---|---|
| 1. | USB cable | 1 | 1.0 | N | 0 | Accessory Device |

### 3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case was found when positioned on X-plane. Following channel(s) was (were) selected for the final test as listed below:

WCDMA Band 4 Mode

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Mode |
|---|---|---|---|---|
| - | EIRP | 1312 to 1513 | 1312(1712.4MHz), 1413(1732.6MHz), 1513(1752.6MHz) | WCDMA |
| - | Modulation Characteristics | 1312 to 1513 | 1413(1732.6MHz) | WCDMA |
| - | Frequency Stability | 1312 to 1513 | 1413(1732.6MHz) | WCDMA |
| - | Occupied Bandwidth | 1312 to 1513 | 1312(1712.4MHz), 1413(1732.6MHz), 1513(1752.6MHz) | WCDMA |
| - | Band Edge | 1312 to 1513 | 1312(1712.4MHz), 1513(1752.6MHz) | WCDMA |
| - | Peak To Average Ratio | 1312 to 1513 | 1312(1712.4MHz), 1413(1732.6MHz), 1513(1752.6MHz) | WCDMA |
| - | Conducted Emission | 1312 to 1513 | 1312(1712.4MHz), 1413(1732.6MHz), 1513(1752.6MHz) | WCDMA |
| - | Radiated Emission Below 1GHz | 1312 to 1513 | 1312(1712.4MHz) | WCDMA |
| - | Radiated Emission Above 1GHz | 1312 to 1513 | 1312(1712.4MHz), 1413(1732.6MHz), 1513(1752.6MHz) | WCDMA |

LTE Band 4

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 19957 to 20393 | 19957(1710.7MHz), 20175(1732.5MHz), 20393(1754.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz), 20175(1732.5MHz), 20385(1753.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz), 20175(1732.5MHz), 20375(1752.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz), 20175(1732.5MHz), 20350(1750.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz), 20175(1732.5MHz), 20325(1747.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz), 20175(1732.5MHz), 20300(1745.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 19957 to 20393 | 20175(1732.5MHz) | 1.4MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 20050 to 20300 | 20175(1732.5MHz) | 20MHz | QPSK / 16QAM | 100 RB / 0 RB Offset |
| - | Frequency Stability | 19957 to 20393 | 20175(1732.5MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 19957 to 20393 | 19957(1710.7MHz), 20175(1732.5MHz), 20393(1754.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 6 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz), 20175(1732.5MHz), 20385(1753.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 15 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz), 20175(1732.5MHz), 20375(1752.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz), 20175(1732.5MHz), 20350(1750.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz), 20175(1732.5MHz), 20325(1747.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 75 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz), 20175(1732.5MHz), 20300(1745.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 100 RB / 0 RB Offset |
| - | Band Edge | 19957 to 20393 | 19957(1710.7MHz), 20393(1754.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 5 RB Offset<br>6 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz), 20385(1753.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 14 RB Offset<br>15 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz), 20375(1752.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz), 20350(1750.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz), 20325(1747.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 74 RB Offset<br>75 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz), 20300(1745.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 99 RB Offset<br>100 RB / 0 RB Offset |

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Conducted Emission | 19957 to 20393 | 19957(1710.7MHz), 20175(1732.5MHz), 20393(1754.3MHz) | 1.4MHz | QPSK | 6 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz), 20175(1732.5MHz), 20385(1753.5MHz) | 3MHz | QPSK | 15 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz), 20175(1732.5MHz), 20375(1752.5MHz) | 5MHz | QPSK | 25 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz), 20175(1732.5MHz), 20350(1750.0MHz) | 10MHz | QPSK | 50 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz), 20175(1732.5MHz), 20325(1747.5MHz) | 15MHz | QPSK | 75 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz), 20175(1732.5MHz), 20300(1745.0MHz) | 20MHz | QPSK | 100 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 19957 to 20393 | 19957(1710.7MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 19957 to 20393 | 19957(1710.7MHz), 20175(1732.5MHz), 20393(1754.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 19965 to 20385 | 19965(1711.5MHz), 20175(1732.5MHz), 20385(1753.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 19975 to 20375 | 19975(1712.5MHz), 20175(1732.5MHz), 20375(1752.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20000 to 20350 | 20000(1715.0MHz), 20175(1732.5MHz), 20350(1750.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20025 to 20325 | 20025(1717.5MHz), 20175(1732.5MHz), 20325(1747.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 20050 to 20300 | 20050(1720.0MHz), 20175(1732.5MHz), 20300(1745.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 7

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 2775 to 3425 | 20775(2502.5MHz), 21100(2535.0MHz), 21425(2567.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21100(2535.0MHz), 21400(2565.0MHz), | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21100(2535.0MHz), 21375(2562.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21100(2535.0MHz), 21350(2560.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 2775 to 3425 | 21100(2535.0MHz) | 5MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 2850 to 3350 | 21100(2535.0MHz) | 20MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 2775 to 3425 | 21100(2535.0MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 2775 to 3425 | 20775(2502.5MHz), 21100(2535.0MHz), 21425(2567.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21100(2535.0MHz), 21400(2565.0MHz), | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21100(2535.0MHz), 21375(2562.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 75 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21100(2535.0MHz), 21350(2560.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 100 RB / 0 RB Offset |
| - | Band Edge | 2775 to 3425 | 20775(2502.5MHz), 21425(2567.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21400(2565.0MHz), | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21375(2562.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 74 RB Offset<br>75 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21350(2560.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 99 RB Offset<br>100 RB / 0 RB Offset |
| - | Peak To Average Ratio | 2775 to 3425 | 20775(2502.5MHz), 21100(2535.0MHz), 21425(2567.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21100(2535.0MHz), 21400(2565.0MHz), | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21100(2535.0MHz), 21375(2562.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21100(2535.0MHz), 21350(2560.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Conducted Emission | 2775 to 3425 | 20775(2502.5MHz), 21100(2535.0MHz), 21425(2567.5MHz) | 5MHz | QPSK | 25 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21100(2535.0MHz), 21400(2565.0MHz), | 10MHz | QPSK | 50 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21100(2535.0MHz), 21375(2562.5MHz) | 15MHz | QPSK | 75 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21100(2535.0MHz), 21350(2560.0MHz) | 20MHz | QPSK | 100 RB / 0 RB Offset |

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Radiated Emission Below 1GHz | 2775 to 3425 | 20775(2502.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 2775 to 3425 | 20775(2502.5MHz), 21100(2535.0MHz), 21425(2567.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2800 to 3400 | 20800(2505.0MHz), 21100(2535.0MHz), 21400(2565.0MHz), | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2825 to 3375 | 20825(2507.5MHz), 21100(2535.0MHz), 21375(2562.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 2850 to 3350 | 20850(2510.0MHz), 21100(2535.0MHz), 21350(2560.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 7 CA Mode

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK / 16QAM / 64QAM | 100 RB / 0 RB Offset |
| - | Band Edge | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>100 RB / 0 RB Offset |
| - | Peak To Average Ratio | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Conducted Emission | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK | 100 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 2850 to 3350 | 20850(2510.0MHz) +21048(2529.8MHz), 21100(2535.0MHz) +21298(2554.8MHz), 21350(2560.0MHz) +21152(2540.2MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

*After pre-tested all the modes and found 20+20MHz was the worst for bandwidths and power. Therefore only 20+20MHz was for the final test and presented in the test report.

LTE Band 12

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5 MHz), 23130(711.0 MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 23017 to 23171 | 23095(707.5MHz) | 1.4MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23095(707.5MHz) | 10MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5MHz), 23130(711.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 6 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 15 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5MHz), 23130(711.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| - | Band Edge | 23017 to 23171 | 23017(699.7MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset<br>6 RB / 0 RB Offset |
| | | | 23173(715.3MHz) | 1.4MHz | QPSK | 1 RB / 5 RB Offset<br>6 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset<br>15 RB / 0 RB Offset |
| | | | 23165(714.5MHz) | 3MHz | QPSK | 1 RB / 14 RB Offset<br>15 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>25 RB / 0 RB Offset |
| | | | 23155(713.5MHz) | 5MHz | QPSK | 1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>50 RB / 0 RB Offset |
| | | | 23130(711.0MHz) | 10MHz | QPSK | 1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Peak to Average Ratio | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5MHz), 23130(711.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Conducted Emission | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK | 6 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK | 15 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK | 25 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5MHz), 23130(711.0MHz) | 10MHz | QPSK | 50 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 23017 to 23171 | 23017(699.7MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 23017 to 23171 | 23017(699.7MHz), 23095(707.5MHz), 23173(715.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23025 to 23165 | 23025(700.5MHz), 23095(707.5MHz), 23165(714.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23035 to 23155 | 23035(701.5MHz), 23095(707.5MHz), 23155(713.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23060 to 23130 | 23060(704.0MHz), 23095(707.5MHz), 23130(711.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 13

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 23205 to 23255 | 23230(782.0MHz), | 5MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz), | 10MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 23205 to 23255 | 23230(782.0MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| - | Band Edge | 23205 to 23255 | 23205(779.5MHz), 23255(784.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| - | Peak to Average Ratio | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| - | Conducted Emission | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 23205 to 23255 | 23205(779.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 17

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 23755 to 23825 | 23755(706.5MHz), 23790(710.0MHz), 23825(713.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(709.0MHz), 23790(710.0MHz), 23800(711.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 23755 to 23825 | 23790(710.0MHz) | 5MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 23780 to 23800 | 23790(710.0MHz) | 10MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 23755 to 23825 | 23790(710.0MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 23755 to 23825 | 23755(706.5MHz), 23790(710.0MHz), 23825(713.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(709.0MHz), 23790(710.0MHz), 23800(711.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| - | Band Edge | 23755 to 23825 | 23755(706.5MHz), 23825(713.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(709.0MHz), 23800(711.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| - | Peak to Average Ratio | 23205 to 23255 | 23205(779.5MHz), 23230(782.0MHz), 23255(784.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 23230 | 23230(782.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| - | Conducted Emission | 23755 to 23825 | 23755(706.5MHz), 23790(710.0MHz), 23825(713.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(709.0MHz), 23790(710.0MHz), 23800(711.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 23755 to 23825 | 23755(706.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(710.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 23755 to 23825 | 23755(706.5MHz), 23790(710.0MHz), 23825(713.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23780 to 23800 | 23780(709.0MHz), 23790(710.0MHz), 23800(711.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 38

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 37775 to 38225 | 37775(2572.5MHz), 38000(2595.0MHz), 38225(2617.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz), 38000(2595.0MHz), 38200(2615.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz), 38000(2595.0MHz), 38175(2612.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz), 38000(2595.0MHz), 38150(2610.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 37775 to 38225 | 38000(2595.0MHz) | 5MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 38000(2595.0MHz) | 20MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 37775 to 38225 | 38000(2595.0MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 38000(2595.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 38000(2595.0MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 38000(2595.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 37775 to 38225 | 37775(2572.5MHz), 38000(2595.0MHz), 38225(2617.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz), 38000(2595.0MHz), 38200(2615.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz), 38000(2595.0MHz), 38175(2612.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz), 38000(2595.0MHz), 38150(2610.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Band Edge | 37775 to 38225 | 37775(2572.5MHz), 38225(2617.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz), 38200(2615.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz), 38175(2612.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 74 RB Offset<br>75 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz), 38150(2610.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 99 RB Offset<br>100 RB / 0 RB Offset |
| - | Conducted Emission | 37775 to 38225 | 37775(2572.5MHz), 38000(2595.0MHz), 38225(2617.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz), 38000(2595.0MHz), 38200(2615.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz), 38000(2595.0MHz), 38175(2612.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz), 38000(2595.0MHz), 38150(2610.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Radiated Emission Below 1GHz | 37775 to 38225 | 37775(2572.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 37775 to 38225 | 37775(2572.5MHz), 38000(2595.0MHz), 38225(2617.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37800 to 38200 | 37800(2575.0MHz), 38000(2595.0MHz), 38200(2615.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37825 to 38175 | 37825(2577.5MHz), 38000(2595.0MHz), 38175(2612.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 37850 to 38150 | 37850(2580.0MHz), 38000(2595.0MHz), 38150(2610.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 41

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 40065 to 41215 | 40065(2537.5MHz), 40640(2595.0MHz), 41215(2652.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz), 40640(2595.0MHz), 41190(2650.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz), 40640(2595.0MHz), 41165(2647.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz), 40640(2595.0MHz), 41140(2645.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 40140 to 41140 | 40640(2595.0MHz) | 20MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 40065 to 41215 | 40640(2595.0MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40640(2595.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40640(2595.0MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40640(2595.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 40065 to 41215 | 40065(2537.5MHz), 40640(2595.0MHz), 41215(2652.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz), 40640(2595.0MHz), 41190(2650.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz), 40640(2595.0MHz), 41165(2647.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz), 40640(2595.0MHz), 41140(2645.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Band Edge | 40065 to 41215 | 40065(2537.5MHz), 41215(2652.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz), 41190(2650.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz), 41165(2647.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 74 RB Offset<br>75 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz), 41140(2645.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 99 RB Offset<br>100 RB / 0 RB Offset |
| - | Conducted Emission | 40065 to 41215 | 40065(2537.5MHz), 40640(2595.0MHz), 41215(2652.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz), 40640(2595.0MHz), 41190(2650.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz), 40640(2595.0MHz), 41165(2647.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz), 40640(2595.0MHz), 41140(2645.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

| EUT Configure Mode | Test item | Available channel | Tested channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Radiated Emission Below 1GHz | 40065 to 41215 | 40065(2537.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 40065 to 41215 | 40065(2537.5MHz), 40640(2595.0MHz), 41215(2652.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40090 to 41190 | 40090(2540.0MHz), 40640(2595.0MHz), 41190(2650.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40115 to 41165 | 40115(2542.5MHz), 40640(2595.0MHz), 41165(2647.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 40140 to 41140 | 40140(2545.0MHz), 40640(2595.0MHz), 41140(2645.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

LTE Band 66

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | EIRP | 131979 to 132665 | 131979(1710.7MHz)<br>132322(1745.0MHz)<br>132665(1779.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz)<br>132322(1745.0MHz)<br>132657(1778.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz)<br>132322(1745.0MHz)<br>132647(1777.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz)<br>132322(1745.0MHz)<br>132622(1775.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz)<br>132322(1745.0MHz)<br>132597(1772.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz)<br>132322(1745.0MHz)<br>132572(1770.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 1 RB / 0 RB Offset |
| - | Modulation Characteristics | 131979 to 132665 | 132322(1745.0MHz) | 1.4MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| | | 132072 to 132572 | 132322(1745.0MHz) | 20MHz | QPSK / 16QAM | 1 RB / 0 RB Offset |
| - | Frequency Stability | 131979 to 132665 | 132322(1745.0MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| - | Emission Bandwidth | 131979 to 132665 | 131979(1710.7MHz)<br>132322(1745.0MHz)<br>132665(1779.3MHz) | 1.4MHz | QPSK / 16QAM / 64QAM | 6 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz)<br>132322(1745.0MHz)<br>132657(1778.5MHz) | 3MHz | QPSK / 16QAM / 64QAM | 15 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz)<br>132322(1745.0MHz)<br>132647(1777.5MHz) | 5MHz | QPSK / 16QAM / 64QAM | 25 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz)<br>132322(1745.0MHz)<br>132622(1775.0MHz) | 10MHz | QPSK / 16QAM / 64QAM | 50 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz)<br>132322(1745.0MHz)<br>132597(1772.5MHz) | 15MHz | QPSK / 16QAM / 64QAM | 75 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz)<br>132322(1745.0MHz)<br>132572(1770.0MHz) | 20MHz | QPSK / 16QAM / 64QAM | 100 RB / 0 RB Offset |
| - | Channel Edge | 131979 to 132665 | 131979(1710.7MHz)<br>132665(1779.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 5 RB Offset<br>6 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz)<br>132657(1778.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 14 RB Offset<br>15 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz)<br>132647(1777.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz)<br>132622(1775.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz)<br>132597(1772.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 74 RB Offset<br>75 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz)<br>132572(1770.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset<br>1 RB / 99 RB Offset<br>100 RB / 0 RB Offset |

| EUT Configure Mode | Test Item | Available Channel | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Conducted Emission | 131979 to 132665 | 131979(1710.7MHz)<br>132665(1779.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz)<br>132657(1778.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz)<br>132647(1777.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz)<br>132622(1775.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz)<br>132597(1772.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz)<br>132572(1770.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Below 1GHz | 131979 to 132665 | 131979(1710.7MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |
| - | Radiated Emission Above 1GHz | 131979 to 132665 | 131979(1710.7MHz)<br>132322(1745.0MHz)<br>132665(1779.3MHz) | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131987 to 132657 | 131987(1711.5MHz)<br>132322(1745.0MHz)<br>132657(1778.5MHz) | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 131997 to 132647 | 131997(1712.5MHz)<br>132322(1745.0MHz)<br>132647(1777.5MHz) | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132022 to 132622 | 132022(1715.0MHz)<br>132322(1745.0MHz)<br>132622(1775.0MHz) | 10MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132047 to 132597 | 132047(1717.5MHz)<br>132322(1745.0MHz)<br>132597(1772.5MHz) | 15MHz | QPSK | 1 RB / 0 RB Offset |
| | | 132072 to 132572 | 132072(1720.0MHz)<br>132322(1745.0MHz)<br>132572(1770.0MHz) | 20MHz | QPSK | 1 RB / 0 RB Offset |

CA Mode

| EUT Configure Mode | Test Item | Band | Tested Channel | Channel Bandwidth | Modulation | Mode |
|---|---|---|---|---|---|---|
| - | Radiated Emission Above 1GHz | LTE Band 2+ LTE Band 12 | 18900(1880.00MHz)+ 23095(707.5MHz) | 20MHz+20MHz | QPSK | 1 RB / 0 RB Offset |
| | | LTE Band 4+ LTE Band 12 | 20175(1732.5MHz)+ 23095(707.5MHz) | 20MHz+10MHz | QPSK | 1 RB / 0 RB Offset |
| | | LTE Band 13+ LTE Band 66 | 23230(782.0MHz)+ 132322(1745.0MHz) | 10MHz+20MHz | QPSK | 1 RB / 0 RB Offset |

Note:

1. For radiated emission below 1GHz, low, mid and high channels were pre-tested in chamber with 1.4MHz mode. Low channel on mode A was found to be the worst case and therefore had been chosen for all final tests.
2. The conducted output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM and 64QAM mode. Therefore, only occupied bandwidth and Peak to average ratio items had been tested under QPSK, 16QAM and 64QAM modes, the other test items were performed under QPSK mode only.

**Test Condition:**

| Test Item | Environmental Conditions | Input Power | Tested By |
|---|---|---|---|
| EIRP | 22deg. C, 66%RH | 120Vac, 60Hz | Han Wu |
| Modulation characteristics | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Frequency Stability | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Occupied Bandwidth | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Band Edge | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Peak To Average Ratio | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Conducted Emission | 24deg. C, 64%RH | 120Vac, 60Hz | James Yang |
| Radiated Emission | 22deg. C, 66%RH<br>25deg. C, 65%RH | 120Vac, 60Hz | Han Wu<br>Greg Lin |

### 3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

### 3.5 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

**FCC 47 CFR Part 2**

**FCC 47 CFR Part 27**

**KDB 971168 D01 Power Meas License Digital Systems v03r01**

**ANSI/TIA/EIA-603-E 2016**

**ANSI 63.26-2015**

Note: All test items have been performed and recorded as per the above standards.

# 4 Test Types and Results

## 4.1 Output Power Measurement

### 4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 1 watts e.i.r.p for WCDMA, LTE Band 4 & LTE Band 66, 2 watts e.r.p. for LTE Band 7, Band 38, Band 41 and 3 watts e.r.p for LTE Band 12, Band 13 & Band 17.

### 4.1.2 Test Procedures

**EIRP / ERP Measurement:**

a. All measurements were done at low, middle and high operational frequency range. RWB and VBW is 5MHz for WCDMA mode and 5MHz for LTE Mode.

b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value“ of step b. Record the power level of S.G

d. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power - 2.15dBi.

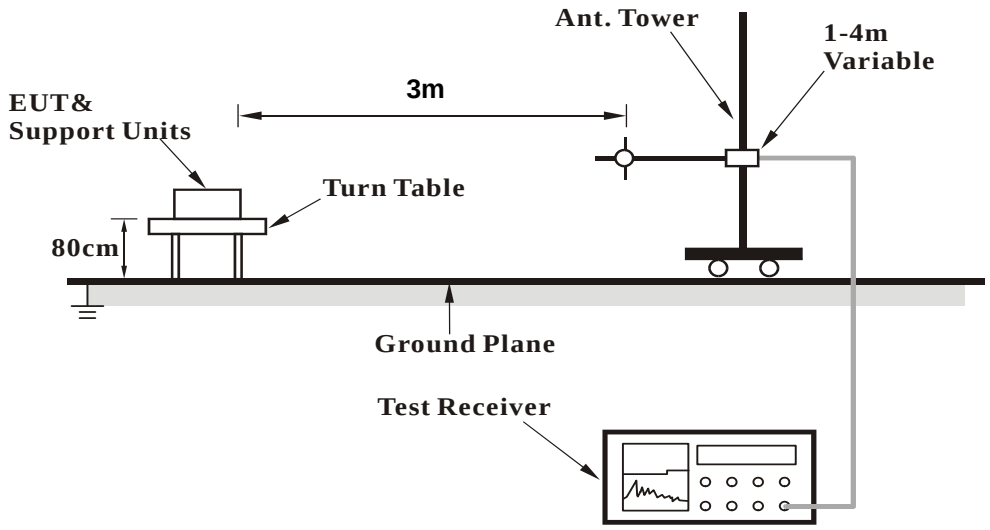
**Conducted Power Measurement:**

A power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

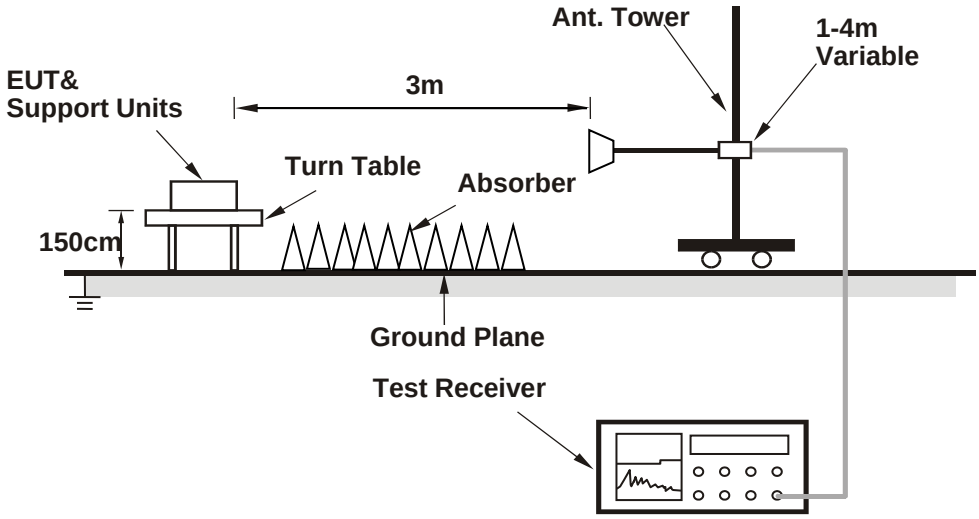
### 4.1.3 Test Setup

EIRP / ERP MEASUREMENT:

**For Radiated Emission below or equal 1GHz**




**For Radiated Emission above 1GHz**




For the actual test configuration, please refer to the attached file (Test Setup Photo).

CONDUCTED POWER MEASUREMENT:


For the actual test configuration, please refer to the attached file (Test Setup Photo).

### 4.1.4 Test Results

CONDUCTED OUTPUT POWER (dBm)

| Band | WCDMA Band IV | | |
|---|---|---|---|
| TX Channel | 1312 | 1413 | 1513 |
| Rx Channel | 1537 | 1638 | 1738 |
| Frequency (MHz) | 1712.4 | 1732.6 | 1752.6 |
| RMC 12.2K | 22.94 | 23.03 | 22.89 |
| HSDPA Subtest-1 | 21.89 | 21.98 | 21.84 |
| HSDPA Subtest-2 | 21.86 | 21.95 | 21.81 |
| HSDPA Subtest-3 | 21.34 | 21.43 | 21.29 |
| HSDPA Subtest-4 | 21.32 | 21.41 | 21.27 |
| DC-HSDPA Subtest-1 | 21.87 | 21.94 | 21.82 |
| DC-HSDPA Subtest-2 | 21.82 | 21.88 | 21.75 |
| DC-HSDPA Subtest-3 | 21.36 | 21.39 | 21.28 |
| DC-HSDPA Subtest-4 | 21.32 | 21.38 | 21.23 |
| HSUPA Subtest-1 | 21.88 | 21.97 | 21.83 |
| HSUPA Subtest-2 | 19.87 | 19.96 | 19.82 |
| HSUPA Subtest-3 | 20.85 | 20.94 | 20.80 |
| HSUPA Subtest-4 | 19.89 | 19.98 | 19.84 |
| HSUPA Subtest-5 | 21.91 | 22.00 | 21.86 |

Conducted Output Power (dBm)
LTE Band 4

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20050 | 20175 | 20300 |
| | | Frequency (MHz) | | 1720 | 1732.5 | 1745 |
| 20M | QPSK | 1 | 0 | 22.64 | **22.69** | 22.63 |
| | | 1 | 50 | 22.34 | 22.39 | 22.33 |
| | | 1 | 99 | 22.26 | 22.31 | 22.25 |
| | | 50 | 0 | 21.51 | 21.56 | 21.50 |
| | | 50 | 25 | 21.42 | 21.47 | 21.41 |
| | | 50 | 50 | 21.33 | 21.38 | 21.32 |
| | | 100 | 0 | 21.41 | 21.46 | 21.40 |
| | 16QAM | 1 | 0 | 21.54 | 21.65 | 21.58 |
| | | 1 | 50 | 21.29 | 21.37 | 21.27 |
| | | 1 | 99 | 21.19 | 21.31 | 21.18 |
| | | 50 | 0 | 20.49 | 20.56 | 20.42 |
| | | 50 | 25 | 20.36 | 20.38 | 20.40 |
| | | 50 | 50 | 20.31 | 20.29 | 20.32 |
| | | 100 | 0 | 20.36 | 20.43 | 20.35 |
| | 64QAM | 1 | 0 | 20.54 | 20.69 | 20.55 |
| | | 1 | 50 | 20.34 | 20.37 | 20.31 |
| | | 1 | 99 | 20.23 | 20.23 | 20.24 |
| | | 50 | 0 | 19.43 | 19.50 | 19.50 |
| | | 50 | 25 | 19.33 | 19.46 | 19.38 |
| | | 50 | 50 | 19.32 | 19.29 | 19.28 |
| | | 100 | 0 | 19.41 | 19.40 | 19.33 |

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20025 | 20175 | 20325 |
| | | Frequency (MHz) | | 1717.5 | 1732.5 | 1747.5 |
| 15M | QPSK | 1 | 0 | 22.57 | 22.61 | 22.57 |
| | | 1 | 37 | 22.27 | 22.30 | 22.33 |
| | | 1 | 74 | 22.18 | 22.26 | 22.19 |
| | | 36 | 0 | 21.45 | 21.48 | 21.45 |
| | | 36 | 19 | 21.33 | 21.41 | 21.36 |
| | | 36 | 39 | 21.24 | 21.32 | 21.32 |
| | | 75 | 0 | 21.31 | 21.46 | 21.33 |
| | 16QAM | 1 | 0 | 21.58 | 21.51 | 21.48 |
| | | 1 | 37 | 21.31 | 21.28 | 21.21 |
| | | 1 | 74 | 21.24 | 21.19 | 21.15 |
| | | 36 | 0 | 20.46 | 20.41 | 20.46 |
| | | 36 | 19 | 20.31 | 20.42 | 20.27 |
| | | 36 | 39 | 20.15 | 20.32 | 20.23 |
| | | 75 | 0 | 20.32 | 20.30 | 20.31 |
| | 64QAM | 1 | 0 | 20.50 | 20.61 | 20.44 |
| | | 1 | 37 | 20.24 | 20.29 | 20.26 |
| | | 1 | 74 | 20.20 | 20.12 | 20.07 |
| | | 36 | 0 | 19.32 | 19.53 | 19.40 |
| | | 36 | 19 | 19.37 | 19.29 | 19.30 |
| | | 36 | 39 | 19.22 | 19.20 | 19.16 |
| | | 75 | 0 | 19.23 | 19.38 | 19.31 |

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20000 | 20175 | 20350 |
| | | Frequency (MHz) | | 1715 | 1732.5 | 1750 |
| 10M | QPSK | 1 | 0 | 22.54 | 22.65 | 22.52 |
| | | 1 | 24 | 22.21 | 22.28 | 22.32 |
| | | 1 | 49 | 22.09 | 22.24 | 22.22 |
| | | 25 | 0 | 21.48 | 21.40 | 21.35 |
| | | 25 | 12 | 21.31 | 21.31 | 21.18 |
| | | 25 | 25 | 21.16 | 21.29 | 21.22 |
| | | 50 | 0 | 21.29 | 21.31 | 21.29 |
| | 16QAM | 1 | 0 | 21.36 | 21.61 | 21.54 |
| | | 1 | 24 | 21.18 | 21.28 | 21.08 |
| | | 1 | 49 | 21.04 | 21.20 | 21.03 |
| | | 25 | 0 | 20.47 | 20.37 | 20.30 |
| | | 25 | 12 | 20.27 | 20.26 | 20.27 |
| | | 25 | 25 | 20.32 | 20.15 | 20.13 |
| | | 50 | 0 | 20.34 | 20.26 | 20.16 |
| | 64QAM | 1 | 0 | 20.55 | 20.44 | 20.48 |
| | | 1 | 24 | 20.11 | 20.21 | 20.17 |
| | | 1 | 49 | 20.00 | 20.07 | 20.07 |
| | | 25 | 0 | 19.33 | 19.46 | 19.31 |
| | | 25 | 12 | 19.16 | 19.24 | 19.30 |
| | | 25 | 25 | 19.23 | 19.24 | 19.03 |
| | | 50 | 0 | 19.17 | 19.36 | 19.23 |

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 19975 | 20175 | 20375 |
| | | Frequency (MHz) | | 1712.5 | 1732.5 | 1752.5 |
| 5M | QPSK | 1 | 0 | 22.60 | 22.52 | 22.44 |
| | | 1 | 12 | 22.31 | 22.23 | 22.07 |
| | | 1 | 24 | 22.21 | 22.17 | 22.07 |
| | | 12 | 0 | 21.36 | 21.47 | 21.35 |
| | | 12 | 6 | 21.25 | 21.30 | 21.25 |
| | | 12 | 13 | 21.16 | 21.22 | 21.15 |
| | | 25 | 0 | 21.28 | 21.33 | 21.24 |
| | 16QAM | 1 | 0 | 21.50 | 21.53 | 21.61 |
| | | 1 | 12 | 21.03 | 21.32 | 21.22 |
| | | 1 | 24 | 21.09 | 21.14 | 21.05 |
| | | 12 | 0 | 20.32 | 20.37 | 20.39 |
| | | 12 | 6 | 20.20 | 20.34 | 20.13 |
| | | 12 | 13 | 20.16 | 20.25 | 20.16 |
| | | 25 | 0 | 20.19 | 20.27 | 20.23 |
| | 64QAM | 1 | 0 | 20.42 | 20.61 | 20.48 |
| | | 1 | 12 | 20.21 | 20.20 | 20.14 |
| | | 1 | 24 | 20.13 | 20.17 | 20.18 |
| | | 12 | 0 | 19.38 | 19.38 | 19.44 |
| | | 12 | 6 | 19.27 | 19.25 | 19.23 |
| | | 12 | 13 | 19.20 | 19.16 | 19.20 |
| | | 25 | 0 | 19.21 | 19.17 | 19.27 |

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 19965 | 20175 | 20385 |
| | | Frequency (MHz) | | 1711.5 | 1732.5 | 1753.5 |
| 3M | QPSK | 1 | 0 | 22.53 | 22.61 | 22.56 |
| | | 1 | 7 | 22.22 | 22.34 | 22.17 |
| | | 1 | 14 | 22.19 | 22.25 | 22.18 |
| | | 8 | 0 | 21.40 | 21.34 | 21.42 |
| | | 8 | 3 | 21.30 | 21.39 | 21.27 |
| | | 8 | 7 | 21.13 | 21.33 | 21.27 |
| | | 15 | 0 | 21.33 | 21.35 | 21.16 |
| | 16QAM | 1 | 0 | 21.30 | 21.38 | 21.56 |
| | | 1 | 7 | 21.23 | 21.31 | 21.10 |
| | | 1 | 14 | 21.12 | 21.13 | 21.05 |
| | | 8 | 0 | 20.31 | 20.41 | 20.41 |
| | | 8 | 3 | 20.22 | 20.44 | 20.16 |
| | | 8 | 7 | 20.20 | 20.21 | 20.25 |
| | | 15 | 0 | 20.24 | 20.19 | 20.14 |
| | 64QAM | 1 | 0 | 20.55 | 20.49 | 20.36 |
| | | 1 | 7 | 20.03 | 20.14 | 20.12 |
| | | 1 | 14 | 20.13 | 20.19 | 19.98 |
| | | 8 | 0 | 19.42 | 19.31 | 19.37 |
| | | 8 | 3 | 19.25 | 19.30 | 19.23 |
| | | 8 | 7 | 19.03 | 19.21 | 19.05 |
| | | 15 | 0 | 19.26 | 19.31 | 19.16 |

| LTE Band 4 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 19957 | 20175 | 20393 |
| | | Frequency (MHz) | | 1710.7 | 1732.5 | 1754.3 |
| 1.4M | QPSK | 1 | 0 | 22.47 | 22.57 | 22.53 |
| | | 1 | 2 | 22.19 | 22.25 | 22.29 |
| | | 1 | 5 | 22.12 | 22.22 | 22.18 |
| | | 3 | 0 | 22.41 | 22.39 | 22.45 |
| | | 3 | 1 | 22.20 | 22.39 | 22.30 |
| | | 3 | 3 | 22.24 | 22.19 | 22.18 |
| | | 6 | 0 | 21.40 | 21.44 | 21.30 |
| | 16QAM | 1 | 0 | 21.46 | 21.52 | 21.44 |
| | | 1 | 2 | 21.18 | 21.14 | 21.13 |
| | | 1 | 5 | 21.01 | 21.12 | 21.13 |
| | | 3 | 0 | 21.42 | 21.42 | 21.42 |
| | | 3 | 1 | 21.24 | 21.26 | 21.13 |
| | | 3 | 3 | 21.19 | 21.17 | 21.14 |
| | | 6 | 0 | 20.19 | 20.20 | 20.31 |
| | 64QAM | 1 | 0 | 20.47 | 20.63 | 20.49 |
| | | 1 | 2 | 20.17 | 20.28 | 20.14 |
| | | 1 | 5 | 20.04 | 20.23 | 20.09 |
| | | 3 | 0 | 20.22 | 20.45 | 20.33 |
| | | 3 | 1 | 20.29 | 20.37 | 20.23 |
| | | 3 | 3 | 20.31 | 20.17 | 20.10 |
| | | 6 | 0 | 19.28 | 19.25 | 19.28 |

| LTE Band 7 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20850 | 21100 | 21350 |
| | | Frequency (MHz) | | 2510 | 2535 | 2560 |
| 20M | QPSK | 1 | 0 | 21.13 | 21.17 | 21.08 |
| | | 1 | 50 | 21.01 | 21.05 | 20.96 |
| | | 1 | 99 | 20.97 | 21.01 | 20.92 |
| | | 50 | 0 | 20.07 | 20.11 | 20.02 |
| | | 50 | 25 | 20.05 | 20.09 | 20.00 |
| | | 50 | 50 | 20.02 | 20.06 | 19.97 |
| | | 100 | 0 | 20.04 | 20.08 | 19.99 |
| | 16QAM | 1 | 0 | 20.13 | 20.17 | 20.08 |
| | | 1 | 50 | 19.96 | 20.04 | 19.91 |
| | | 1 | 99 | 19.94 | 19.94 | 19.86 |
| | | 50 | 0 | 19.07 | 19.08 | 18.93 |
| | | 50 | 25 | 19.05 | 19.03 | 18.99 |
| | | 50 | 50 | 19.00 | 19.06 | 18.89 |
| | | 100 | 0 | 18.99 | 19.02 | 18.97 |
| | 64QAM | 1 | 0 | 19.09 | 19.15 | 19.00 |
| | | 1 | 50 | 18.91 | 19.00 | 18.91 |
| | | 1 | 99 | 18.88 | 18.96 | 18.83 |
| | | 50 | 0 | 18.01 | 18.06 | 17.98 |
| | | 50 | 25 | 17.97 | 17.99 | 17.92 |
| | | 50 | 50 | 17.92 | 18.02 | 17.89 |
| | | 100 | 0 | 18.00 | 18.05 | 17.91 |

| LTE Band 7 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20825 | 21100 | 21375 |
| | | Frequency (MHz) | | 2507.5 | 2535 | 2562.5 |
| 15M | QPSK | 1 | 0 | 21.04 | 21.15 | 21.01 |
| | | 1 | 37 | 20.99 | 21.02 | 20.86 |
| | | 1 | 74 | 20.91 | 21.00 | 20.86 |
| | | 36 | 0 | 20.04 | 20.09 | 19.99 |
| | | 36 | 19 | 19.95 | 20.05 | 19.98 |
| | | 36 | 39 | 19.94 | 19.97 | 19.93 |
| | | 75 | 0 | 20.04 | 20.05 | 19.92 |
| | 16QAM | 1 | 0 | 20.00 | 19.99 | 19.94 |
| | | 1 | 37 | 19.94 | 19.91 | 19.77 |
| | | 1 | 74 | 19.92 | 19.88 | 19.85 |
| | | 36 | 0 | 19.01 | 18.96 | 18.94 |
| | | 36 | 19 | 18.91 | 18.96 | 18.91 |
| | | 36 | 39 | 18.98 | 18.96 | 18.78 |
| | | 75 | 0 | 18.90 | 19.02 | 18.86 |
| | 64QAM | 1 | 0 | 19.04 | 19.05 | 18.98 |
| | | 1 | 37 | 18.98 | 18.95 | 18.92 |
| | | 1 | 74 | 18.93 | 18.89 | 18.82 |
| | | 36 | 0 | 17.95 | 17.97 | 17.93 |
| | | 36 | 19 | 17.94 | 17.99 | 17.94 |
| | | 36 | 39 | 17.86 | 18.00 | 17.89 |
| | | 75 | 0 | 17.92 | 17.97 | 17.88 |

| LTE Band 7 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20800 | 21100 | 21400 |
| | | Frequency (MHz) | | 2505 | 2535 | 2565 |
| 10M | QPSK | 1 | 0 | 20.91 | 21.04 | 20.96 |
| | | 1 | 24 | 20.83 | 20.94 | 20.79 |
| | | 1 | 49 | 20.82 | 20.84 | 20.70 |
| | | 25 | 0 | 20.00 | 20.05 | 19.92 |
| | | 25 | 12 | 19.84 | 19.86 | 19.97 |
| | | 25 | 25 | 19.84 | 19.92 | 19.79 |
| | | 50 | 0 | 19.98 | 19.85 | 19.83 |
| | 16QAM | 1 | 0 | 19.95 | 20.05 | 19.79 |
| | | 1 | 24 | 19.83 | 19.75 | 19.83 |
| | | 1 | 49 | 19.83 | 19.77 | 19.86 |
| | | 25 | 0 | 18.82 | 18.93 | 18.89 |
| | | 25 | 12 | 18.88 | 18.96 | 18.72 |
| | | 25 | 25 | 18.87 | 18.90 | 18.82 |
| | | 50 | 0 | 18.80 | 18.90 | 18.82 |
| | 64QAM | 1 | 0 | 19.00 | 18.99 | 18.88 |
| | | 1 | 24 | 18.69 | 18.77 | 18.73 |
| | | 1 | 49 | 18.84 | 18.79 | 18.82 |
| | | 25 | 0 | 17.96 | 17.88 | 17.83 |
| | | 25 | 12 | 17.79 | 17.85 | 17.84 |
| | | 25 | 25 | 17.94 | 17.86 | 17.73 |
| | | 50 | 0 | 17.85 | 17.88 | 17.97 |

| LTE Band 7 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 20775 | 21100 | 21425 |
| | | Frequency (MHz) | | 2502.5 | 2535 | 2567.5 |
| 5M | QPSK | 1 | 0 | 20.93 | 21.06 | 20.86 |
| | | 1 | 12 | 20.83 | 20.93 | 20.80 |
| | | 1 | 24 | 20.77 | 20.96 | 20.71 |
| | | 12 | 0 | 19.97 | 19.96 | 19.91 |
| | | 12 | 6 | 19.97 | 19.92 | 19.73 |
| | | 12 | 13 | 19.93 | 20.02 | 19.76 |
| | | 25 | 0 | 19.96 | 19.92 | 19.72 |
| | 16QAM | 1 | 0 | 19.98 | 19.98 | 19.92 |
| | | 1 | 12 | 19.93 | 20.02 | 19.77 |
| | | 1 | 24 | 19.82 | 19.83 | 19.70 |
| | | 12 | 0 | 18.91 | 18.96 | 18.75 |
| | | 12 | 6 | 18.94 | 18.94 | 18.81 |
| | | 12 | 13 | 18.87 | 18.85 | 18.77 |
| | | 25 | 0 | 18.89 | 18.94 | 18.82 |
| | 64QAM | 1 | 0 | 18.85 | 19.05 | 18.86 |
| | | 1 | 12 | 18.83 | 18.84 | 18.88 |
| | | 1 | 24 | 18.72 | 18.80 | 18.77 |
| | | 12 | 0 | 17.86 | 18.03 | 17.69 |
| | | 12 | 6 | 17.86 | 17.82 | 17.77 |
| | | 12 | 13 | 17.73 | 17.84 | 17.82 |
| | | 25 | 0 | 17.85 | 17.89 | 17.87 |

| LTE Band 12 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23060 | 23095 | 23130 |
| | | Frequency (MHz) | | 704 | 707.5 | 711 |
| 10M | QPSK | 1 | 0 | 22.62 | 22.75 | 22.71 |
| | | 1 | 24 | 22.61 | 22.74 | 22.70 |
| | | 1 | 49 | 22.59 | 22.72 | 22.68 |
| | | 25 | 0 | 21.69 | 21.82 | 21.78 |
| | | 25 | 12 | 21.66 | 21.79 | 21.75 |
| | | 25 | 25 | 21.63 | 21.76 | 21.72 |
| | | 50 | 0 | 21.64 | 21.77 | 21.73 |
| | 16QAM | 1 | 0 | 21.59 | 21.68 | 21.63 |
| | | 1 | 24 | 21.58 | 21.72 | 21.68 |
| | | 1 | 49 | 21.58 | 21.65 | 21.65 |
| | | 25 | 0 | 20.63 | 20.74 | 20.73 |
| | | 25 | 12 | 20.63 | 20.77 | 20.74 |
| | | 25 | 25 | 20.59 | 20.75 | 20.62 |
| | | 50 | 0 | 20.64 | 20.69 | 20.68 |
| | 64QAM | 1 | 0 | 20.35 | 20.60 | 20.52 |
| | | 1 | 24 | 20.52 | 20.52 | 20.60 |
| | | 1 | 49 | 20.34 | 20.57 | 20.45 |
| | | 25 | 0 | 19.60 | 19.62 | 19.63 |
| | | 25 | 12 | 19.60 | 19.51 | 19.60 |
| | | 25 | 25 | 19.39 | 19.60 | 19.56 |
| | | 50 | 0 | 19.45 | 19.59 | 19.63 |

| LTE Band 12 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23035 | 23095 | 23155 |
| | | Frequency (MHz) | | 701.5 | 707.5 | 713.5 |
| 5M | QPSK | 1 | 0 | 22.62 | 22.73 | 22.65 |
| | | 1 | 12 | 22.59 | 22.71 | 22.69 |
| | | 1 | 24 | 22.51 | 22.72 | 22.66 |
| | | 12 | 0 | 21.59 | 21.78 | 21.68 |
| | | 12 | 6 | 21.58 | 21.73 | 21.69 |
| | | 12 | 13 | 21.54 | 21.70 | 21.64 |
| | | 25 | 0 | 21.64 | 21.76 | 21.63 |
| | 16QAM | 1 | 0 | 21.51 | 21.67 | 21.59 |
| | | 1 | 12 | 21.49 | 21.57 | 21.61 |
| | | 1 | 24 | 21.49 | 21.59 | 21.49 |
| | | 12 | 0 | 20.65 | 20.67 | 20.77 |
| | | 12 | 6 | 20.54 | 20.76 | 20.59 |
| | | 12 | 13 | 20.56 | 20.60 | 20.54 |
| | | 25 | 0 | 20.60 | 20.62 | 20.68 |
| | 64QAM | 1 | 0 | 20.42 | 20.65 | 20.57 |
| | | 1 | 12 | 20.45 | 20.56 | 20.49 |
| | | 1 | 24 | 20.31 | 20.54 | 20.60 |
| | | 12 | 0 | 19.55 | 19.65 | 19.59 |
| | | 12 | 6 | 19.51 | 19.62 | 19.66 |
| | | 12 | 13 | 19.35 | 19.52 | 19.51 |
| | | 25 | 0 | 19.36 | 19.61 | 19.50 |

| LTE Band 12 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23025 | 23095 | 23165 |
| | | Frequency (MHz) | | 700.5 | 707.5 | 714.5 |
| 3M | QPSK | 1 | 0 | 22.54 | 22.68 | 22.55 |
| | | 1 | 7 | 22.42 | 22.64 | 22.53 |
| | | 1 | 14 | 22.39 | 22.62 | 22.48 |
| | | 8 | 0 | 21.59 | 21.66 | 21.58 |
| | | 8 | 3 | 21.46 | 21.62 | 21.64 |
| | | 8 | 7 | 21.60 | 21.62 | 21.60 |
| | | 15 | 0 | 21.53 | 21.59 | 21.62 |
| | 16QAM | 1 | 0 | 21.33 | 21.56 | 21.57 |
| | | 1 | 7 | 21.40 | 21.62 | 21.54 |
| | | 1 | 14 | 21.49 | 21.44 | 21.49 |
| | | 8 | 0 | 20.53 | 20.65 | 20.70 |
| | | 8 | 3 | 20.52 | 20.44 | 20.66 |
| | | 8 | 7 | 20.49 | 20.63 | 20.50 |
| | | 15 | 0 | 20.51 | 20.52 | 20.46 |
| | 64QAM | 1 | 0 | 20.49 | 20.45 | 20.43 |
| | | 1 | 7 | 20.45 | 20.57 | 20.57 |
| | | 1 | 14 | 20.44 | 20.49 | 20.40 |
| | | 8 | 0 | 19.49 | 19.78 | 19.55 |
| | | 8 | 3 | 19.50 | 19.52 | 19.48 |
| | | 8 | 7 | 19.54 | 19.59 | 19.64 |
| | | 15 | 0 | 19.49 | 19.65 | 19.56 |

| LTE Band 12 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23017 | 23095 | 23173 |
| | | Frequency (MHz) | | 699.7 | 707.5 | 715.3 |
| 1.4M | QPSK | 1 | 0 | 22.46 | 22.70 | 22.63 |
| | | 1 | 2 | 22.39 | 22.52 | 22.46 |
| | | 1 | 5 | 22.39 | 22.58 | 22.54 |
| | | 3 | 0 | 22.49 | 22.71 | 22.65 |
| | | 3 | 1 | 22.58 | 22.66 | 22.53 |
| | | 3 | 3 | 22.50 | 22.64 | 22.64 |
| | | 6 | 0 | 21.45 | 21.72 | 21.70 |
| | 16QAM | 1 | 0 | 21.56 | 21.53 | 21.48 |
| | | 1 | 2 | 21.42 | 21.53 | 21.59 |
| | | 1 | 5 | 21.33 | 21.55 | 21.56 |
| | | 3 | 0 | 21.48 | 21.68 | 21.69 |
| | | 3 | 1 | 21.47 | 21.74 | 21.68 |
| | | 3 | 3 | 21.57 | 21.52 | 21.52 |
| | | 6 | 0 | 20.52 | 20.58 | 20.56 |
| | 64QAM | 1 | 0 | 20.40 | 20.47 | 20.48 |
| | | 1 | 2 | 20.46 | 20.51 | 20.57 |
| | | 1 | 5 | 20.29 | 20.51 | 20.42 |
| | | 3 | 0 | 20.56 | 20.74 | 20.64 |
| | | 3 | 1 | 20.53 | 20.67 | 20.66 |
| | | 3 | 3 | 20.48 | 20.48 | 20.41 |
| | | 6 | 0 | 19.41 | 19.67 | 19.52 |

| LTE Band 13 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | - | 23230 | - |
| | | Frequency (MHz) | | - | 782 | - |
| 10M | QPSK | 1 | 0 | - | 22.70 | - |
| | | 1 | 24 | - | 22.52 | - |
| | | 1 | 49 | - | 22.58 | - |
| | | 25 | 0 | - | 22.71 | - |
| | | 25 | 12 | - | 22.66 | - |
| | | 25 | 25 | - | 22.64 | - |
| | | 50 | 0 | - | 21.72 | - |
| | 16QAM | 1 | 0 | - | 21.53 | - |
| | | 1 | 24 | - | 21.53 | - |
| | | 1 | 49 | - | 21.55 | - |
| | | 25 | 0 | - | 21.68 | - |
| | | 25 | 12 | - | 21.74 | - |
| | | 25 | 25 | - | 21.52 | - |
| | | 50 | 0 | - | 20.58 | - |
| | 64QAM | 1 | 0 | - | 20.47 | - |
| | | 1 | 24 | - | 20.51 | - |
| | | 1 | 49 | - | 20.51 | - |
| | | 25 | 0 | - | 20.74 | - |
| | | 25 | 12 | - | 20.67 | - |
| | | 25 | 25 | - | 20.48 | - |
| | | 50 | 0 | - | 19.67 | - |

| LTE Band 13 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23205 | 23230 | 23255 |
| | | Frequency (MHz) | | 779.5 | 782 | 784.5 |
| 5M | QPSK | 1 | 0 | 22.38 | 22.50 | 22.39 |
| | | 1 | 24 | 22.27 | 22.39 | 22.28 |
| | | 1 | 49 | 22.25 | 22.37 | 22.26 |
| | | 25 | 0 | 21.31 | 21.43 | 21.32 |
| | | 25 | 12 | 21.26 | 21.38 | 21.27 |
| | | 25 | 25 | 21.24 | 21.36 | 21.25 |
| | | 50 | 0 | 21.25 | 21.37 | 21.26 |
| | 16QAM | 1 | 0 | 21.31 | 21.49 | 21.33 |
| | | 1 | 24 | 21.26 | 21.30 | 21.24 |
| | | 1 | 49 | 21.17 | 21.33 | 21.24 |
| | | 25 | 0 | 20.25 | 20.43 | 20.27 |
| | | 25 | 12 | 20.25 | 20.33 | 20.18 |
| | | 25 | 25 | 20.14 | 20.33 | 20.17 |
| | | 50 | 0 | 20.24 | 20.34 | 20.18 |
| | 64QAM | 1 | 0 | 20.38 | 20.43 | 20.30 |
| | | 1 | 24 | 20.25 | 20.37 | 20.22 |
| | | 1 | 49 | 20.24 | 20.31 | 20.22 |
| | | 25 | 0 | 19.24 | 19.36 | 19.25 |
| | | 25 | 12 | 19.20 | 19.35 | 19.25 |
| | | 25 | 25 | 19.18 | 19.27 | 19.20 |
| | | 50 | 0 | 19.25 | 19.37 | 19.20 |

| LTE Band 17 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23780 | 23790 | 23800 |
| | | Frequency (MHz) | | 709 | 710 | 711 |
| 10M | QPSK | 1 | 0 | 22.69 | 22.70 | 22.65 |
| | | 1 | 24 | 22.60 | 22.61 | 22.56 |
| | | 1 | 49 | 22.57 | 22.58 | 22.53 |
| | | 25 | 0 | 21.67 | 21.68 | 21.63 |
| | | 25 | 12 | 21.66 | 21.67 | 21.62 |
| | | 25 | 25 | 21.64 | 21.65 | 21.60 |
| | | 50 | 0 | 21.63 | 21.64 | 21.59 |
| | 16QAM | 1 | 0 | 21.59 | 21.65 | 21.61 |
| | | 1 | 24 | 21.59 | 21.56 | 21.46 |
| | | 1 | 49 | 21.54 | 21.58 | 21.43 |
| | | 25 | 0 | 20.66 | 20.58 | 20.60 |
| | | 25 | 12 | 20.61 | 20.66 | 20.56 |
| | | 25 | 25 | 20.54 | 20.57 | 20.51 |
| | | 50 | 0 | 20.63 | 20.55 | 20.50 |
| | 64QAM | 1 | 0 | 20.59 | 20.46 | 20.40 |
| | | 1 | 24 | 20.33 | 20.56 | 20.23 |
| | | 1 | 49 | 20.40 | 20.49 | 20.40 |
| | | 25 | 0 | 19.58 | 19.50 | 19.42 |
| | | 25 | 12 | 19.53 | 19.46 | 19.39 |
| | | 25 | 25 | 19.39 | 19.38 | 19.37 |
| | | 50 | 0 | 19.45 | 19.54 | 19.38 |

| LTE Band 17 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 23755 | 23790 | 23825 |
| | | Frequency (MHz) | | 706.5 | 710 | 713.5 |
| 5M | QPSK | 1 | 0 | 22.69 | 22.65 | 22.59 |
| | | 1 | 12 | 22.55 | 22.57 | 22.48 |
| | | 1 | 24 | 22.52 | 22.56 | 22.52 |
| | | 12 | 0 | 21.67 | 21.68 | 21.54 |
| | | 12 | 6 | 21.58 | 21.64 | 21.57 |
| | | 12 | 13 | 21.58 | 21.55 | 21.57 |
| | | 25 | 0 | 21.63 | 21.59 | 21.51 |
| | 16QAM | 1 | 0 | 21.58 | 21.59 | 21.52 |
| | | 1 | 12 | 21.53 | 21.50 | 21.41 |
| | | 1 | 24 | 21.49 | 21.46 | 21.46 |
| | | 12 | 0 | 20.52 | 20.60 | 20.49 |
| | | 12 | 6 | 20.57 | 20.58 | 20.50 |
| | | 12 | 13 | 20.50 | 20.57 | 20.51 |
| | | 25 | 0 | 20.62 | 20.57 | 20.44 |
| | 64QAM | 1 | 0 | 20.48 | 20.44 | 20.64 |
| | | 1 | 12 | 20.46 | 20.41 | 20.42 |
| | | 1 | 24 | 20.44 | 20.43 | 20.22 |
| | | 12 | 0 | 19.59 | 19.55 | 19.54 |
| | | 12 | 6 | 19.44 | 19.61 | 19.46 |
| | | 12 | 13 | 19.40 | 19.35 | 19.37 |
| | | 25 | 0 | 19.53 | 19.44 | 19.44 |

| LTE Band 38 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 37850 | 38000 | 38150 |
| | | Frequency (MHz) | | 2580 | 2595 | 2610 |
| 20M | QPSK | 1 | 0 | 22.35 | 22.50 | 22.42 |
| | | 1 | 50 | 22.20 | 22.35 | 22.27 |
| | | 1 | 99 | 22.11 | 22.26 | 22.18 |
| | | 50 | 0 | 21.21 | 21.36 | 21.28 |
| | | 50 | 25 | 21.18 | 21.33 | 21.25 |
| | | 50 | 50 | 21.14 | 21.29 | 21.21 |
| | | 100 | 0 | 21.00 | 21.15 | 21.07 |
| | 16QAM | 1 | 0 | 21.26 | 21.41 | 21.37 |
| | | 1 | 50 | 21.10 | 21.27 | 21.26 |
| | | 1 | 99 | 21.10 | 21.21 | 21.16 |
| | | 50 | 0 | 20.21 | 20.33 | 20.21 |
| | | 50 | 25 | 20.15 | 20.31 | 20.25 |
| | | 50 | 50 | 20.08 | 20.29 | 20.21 |
| | | 100 | 0 | 19.95 | 20.14 | 20.07 |
| | 64QAM | 1 | 0 | 20.33 | 20.42 | 20.33 |
| | | 1 | 50 | 20.10 | 20.35 | 20.22 |
| | | 1 | 99 | 20.08 | 20.19 | 20.14 |
| | | 50 | 0 | 19.15 | 19.35 | 19.23 |
| | | 50 | 25 | 19.16 | 19.32 | 19.20 |
| | | 50 | 50 | 19.12 | 19.23 | 19.20 |
| | | 100 | 0 | 18.90 | 19.11 | 19.07 |

| LTE Band 38 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 37825 | 38000 | 38175 |
| | | Frequency (MHz) | | 2577.5 | 2595 | 2612.5 |
| 15M | QPSK | 1 | 0 | 22.27 | 22.48 | 22.39 |
| | | 1 | 37 | 22.13 | 22.25 | 22.23 |
| | | 1 | 74 | 22.08 | 22.17 | 22.08 |
| | | 36 | 0 | 21.15 | 21.30 | 21.19 |
| | | 36 | 19 | 21.15 | 21.27 | 21.20 |
| | | 36 | 39 | 21.13 | 21.23 | 21.20 |
| | | 75 | 0 | 20.96 | 21.14 | 20.98 |
| | 16QAM | 1 | 0 | 21.23 | 21.45 | 21.26 |
| | | 1 | 37 | 21.05 | 21.31 | 21.19 |
| | | 1 | 74 | 21.06 | 21.19 | 21.06 |
| | | 36 | 0 | 20.12 | 20.26 | 20.22 |
| | | 36 | 19 | 20.01 | 20.29 | 20.12 |
| | | 36 | 39 | 20.07 | 20.10 | 20.08 |
| | | 75 | 0 | 19.87 | 19.97 | 19.94 |
| | 64QAM | 1 | 0 | 20.27 | 20.36 | 20.28 |
| | | 1 | 37 | 20.16 | 20.21 | 20.13 |
| | | 1 | 74 | 20.10 | 20.16 | 20.11 |
| | | 36 | 0 | 19.05 | 19.34 | 19.11 |
| | | 36 | 19 | 19.12 | 19.18 | 19.13 |
| | | 36 | 39 | 19.00 | 19.11 | 19.04 |
| | | 75 | 0 | 18.92 | 19.09 | 18.99 |

| LTE Band 38 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 37800 | 38000 | 38200 |
| | | Frequency (MHz) | | 2575 | 2595 | 2615 |
| 10M | QPSK | 1 | 0 | 22.26 | 22.35 | 22.27 |
| | | 1 | 24 | 21.98 | 22.14 | 22.15 |
| | | 1 | 49 | 21.97 | 22.17 | 22.08 |
| | | 25 | 0 | 21.09 | 21.16 | 21.08 |
| | | 25 | 12 | 21.10 | 21.11 | 21.10 |
| | | 25 | 25 | 21.00 | 21.18 | 21.09 |
| | | 50 | 0 | 20.80 | 21.07 | 20.90 |
| | 16QAM | 1 | 0 | 21.01 | 21.30 | 21.21 |
| | | 1 | 24 | 20.97 | 21.09 | 21.07 |
| | | 1 | 49 | 20.95 | 20.95 | 21.01 |
| | | 25 | 0 | 20.01 | 20.08 | 20.11 |
| | | 25 | 12 | 20.07 | 20.12 | 20.06 |
| | | 25 | 25 | 19.91 | 20.15 | 20.13 |
| | | 50 | 0 | 19.89 | 20.01 | 19.89 |
| | 64QAM | 1 | 0 | 20.17 | 20.36 | 20.34 |
| | | 1 | 24 | 20.12 | 20.12 | 20.26 |
| | | 1 | 49 | 20.07 | 20.17 | 20.10 |
| | | 25 | 0 | 19.04 | 19.10 | 18.99 |
| | | 25 | 12 | 18.94 | 19.14 | 19.01 |
| | | 25 | 25 | 18.97 | 19.11 | 19.00 |
| | | 50 | 0 | 18.72 | 18.93 | 18.84 |

| LTE Band 38 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 37775 | 38000 | 38225 |
| | | Frequency (MHz) | | 2572.5 | 2595 | 2617.5 |
| 5M | QPSK | 1 | 0 | 22.25 | 22.49 | 22.22 |
| | | 1 | 12 | 22.05 | 22.16 | 21.95 |
| | | 1 | 24 | 21.90 | 22.13 | 21.98 |
| | | 12 | 0 | 21.06 | 21.28 | 21.19 |
| | | 12 | 6 | 21.02 | 21.22 | 21.00 |
| | | 12 | 13 | 21.06 | 21.22 | 20.93 |
| | | 25 | 0 | 20.81 | 20.99 | 20.78 |
| | 16QAM | 1 | 0 | 21.13 | 21.22 | 21.31 |
| | | 1 | 12 | 20.92 | 21.31 | 21.13 |
| | | 1 | 24 | 21.06 | 21.04 | 21.04 |
| | | 12 | 0 | 20.11 | 20.15 | 20.07 |
| | | 12 | 6 | 20.04 | 20.05 | 19.96 |
| | | 12 | 13 | 20.02 | 20.03 | 20.06 |
| | | 25 | 0 | 19.91 | 20.04 | 19.87 |
| | 64QAM | 1 | 0 | 20.31 | 20.27 | 20.23 |
| | | 1 | 12 | 19.94 | 20.10 | 20.12 |
| | | 1 | 24 | 19.91 | 20.04 | 20.02 |
| | | 12 | 0 | 18.91 | 19.15 | 19.20 |
| | | 12 | 6 | 19.03 | 19.08 | 19.18 |
| | | 12 | 13 | 18.97 | 19.01 | 19.00 |
| | | 25 | 0 | 18.81 | 19.00 | 18.84 |

| LTE Band 41 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 40140 | 40640 | 41140 |
| | | Frequency (MHz) | | 2545.0 | 2595.0 | 2645.0 |
| 20M | QPSK | 1 | 0 | 22.30 | 22.53 | **22.73** |
| | | 1 | 50 | 22.21 | 22.44 | 22.64 |
| | | 1 | 99 | 22.13 | 22.36 | 22.56 |
| | | 50 | 0 | 21.36 | 21.59 | 21.79 |
| | | 50 | 25 | 21.32 | 21.55 | 21.75 |
| | | 50 | 50 | 21.26 | 21.49 | 21.69 |
| | | 100 | 0 | 21.31 | 21.54 | 21.74 |
| | 16QAM | 1 | 0 | 21.28 | 21.46 | **21.73** |
| | | 1 | 50 | 21.15 | 21.37 | 21.56 |
| | | 1 | 99 | 21.07 | 21.32 | 21.49 |
| | | 50 | 0 | 20.34 | 20.52 | 20.72 |
| | | 50 | 25 | 20.28 | 20.48 | 20.70 |
| | | 50 | 50 | 20.17 | 20.39 | 20.67 |
| | | 100 | 0 | 20.26 | 20.47 | 20.71 |
| | 64QAM | 1 | 0 | 20.23 | 20.45 | **20.63** |
| | | 1 | 50 | 20.21 | 20.39 | 20.57 |
| | | 1 | 99 | 20.08 | 20.28 | 20.50 |
| | | 50 | 0 | 19.30 | 19.49 | 19.70 |
| | | 50 | 25 | 19.31 | 19.45 | 19.74 |
| | | 50 | 50 | 19.25 | 19.43 | 19.69 |
| | | 100 | 0 | 19.24 | 19.54 | 19.69 |

| LTE Band 41 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 40115 | 40640 | 41165 |
| | | Frequency (MHz) | | 2542.5 | 2595.0 | 2647.5 |
| 15M | QPSK | 1 | 0 | 22.23 | 22.48 | 22.70 |
| | | 1 | 37 | 22.21 | 22.37 | 22.61 |
| | | 1 | 74 | 22.05 | 22.33 | 22.51 |
| | | 36 | 0 | 21.28 | 21.49 | 21.70 |
| | | 36 | 19 | 21.30 | 21.46 | 21.66 |
| | | 36 | 39 | 21.16 | 21.46 | 21.61 |
| | | 75 | 0 | 21.25 | 21.50 | 21.68 |
| | 16QAM | 1 | 0 | 21.22 | 21.41 | **21.62** |
| | | 1 | 37 | 21.05 | 21.28 | 21.54 |
| | | 1 | 74 | 21.07 | 21.21 | 21.40 |
| | | 36 | 0 | 20.28 | 20.55 | 20.72 |
| | | 36 | 19 | 20.19 | 20.43 | 20.60 |
| | | 36 | 39 | 20.12 | 20.31 | 20.59 |
| | | 75 | 0 | 20.16 | 20.42 | 20.69 |
| | 64QAM | 1 | 0 | 20.27 | 20.50 | **20.64** |
| | | 1 | 37 | 20.07 | 20.33 | 20.58 |
| | | 1 | 74 | 20.07 | 20.26 | 20.41 |
| | | 36 | 0 | 19.34 | 19.46 | 19.66 |
| | | 36 | 19 | 19.13 | 19.47 | 19.65 |
| | | 36 | 39 | 19.10 | 19.46 | 19.56 |
| | | 75 | 0 | 19.21 | 19.50 | 19.70 |

| LTE Band 41 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 40090 | 40640 | 41190 |
| | | Frequency (MHz) | | 2540.0 | 2595.0 | 2650.0 |
| 10M | QPSK | 1 | 0 | 22.15 | 22.38 | 22.56 |
| | | 1 | 24 | 22.11 | 22.23 | 22.55 |
| | | 1 | 49 | 22.06 | 22.24 | 22.45 |
| | | 25 | 0 | 21.16 | 21.46 | 21.70 |
| | | 25 | 12 | 21.20 | 21.50 | 21.65 |
| | | 25 | 25 | 21.09 | 21.32 | 21.57 |
| | | 50 | 0 | 21.19 | 21.35 | 21.64 |
| | 16QAM | 1 | 0 | 21.01 | 21.41 | **21.50** |
| | | 1 | 24 | 21.02 | 21.21 | 21.46 |
| | | 1 | 49 | 20.94 | 21.17 | 21.48 |
| | | 25 | 0 | 20.18 | 20.53 | 20.69 |
| | | 25 | 12 | 20.12 | 20.34 | 20.63 |
| | | 25 | 25 | 20.01 | 20.35 | 20.50 |
| | | 50 | 0 | 20.05 | 20.39 | 20.53 |
| | 64QAM | 1 | 0 | 20.08 | 20.39 | **20.60** |
| | | 1 | 24 | 20.01 | 20.26 | 20.53 |
| | | 1 | 49 | 19.95 | 20.20 | 20.28 |
| | | 25 | 0 | 19.19 | 19.45 | 19.54 |
| | | 25 | 12 | 19.14 | 19.35 | 19.70 |
| | | 25 | 25 | 19.15 | 19.27 | 19.65 |
| | | 50 | 0 | 19.14 | 19.29 | 19.57 |

| LTE Band 41 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 40065 | 40640 | 41215 |
| | | Frequency (MHz) | | 2537.5 | 2595.0 | 2652.5 |
| 5M | QPSK | 1 | 0 | 22.16 | 22.43 | **22.46** |
| | | 1 | 12 | 21.99 | 22.23 | 22.38 |
| | | 1 | 24 | 21.98 | 22.20 | 22.37 |
| | | 12 | 0 | 21.22 | 21.45 | 21.60 |
| | | 12 | 6 | 21.27 | 21.55 | 21.57 |
| | | 12 | 13 | 21.06 | 21.30 | 21.52 |
| | | 25 | 0 | 21.20 | 21.40 | 21.51 |
| | 16QAM | 1 | 0 | 21.12 | 21.30 | 21.56 |
| | | 1 | 12 | 21.01 | 21.28 | 21.32 |
| | | 1 | 24 | 20.84 | 21.19 | 21.41 |
| | | 12 | 0 | 20.31 | 20.50 | 20.59 |
| | | 12 | 6 | 20.07 | 20.46 | 20.56 |
| | | 12 | 13 | 20.16 | 20.34 | 20.44 |
| | | 25 | 0 | 20.15 | 20.36 | 20.62 |
| | 64QAM | 1 | 0 | 20.18 | 20.23 | **20.57** |
| | | 1 | 12 | 19.94 | 20.16 | 20.55 |
| | | 1 | 24 | 19.98 | 20.21 | 20.30 |
| | | 12 | 0 | 19.15 | 19.49 | 19.50 |
| | | 12 | 6 | 19.16 | 19.34 | 19.54 |
| | | 12 | 13 | 19.05 | 19.35 | 19.45 |
| | | 25 | 0 | 19.16 | 19.29 | 19.67 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 132072 | 132322 | 132572 |
| | | Frequency (MHz) | | 1720 | 1745 | 1770 |
| 20M | QPSK | 1 | 0 | 22.98 | 22.99 | 22.97 |
| | | 1 | 50 | 22.78 | 22.82 | 22.77 |
| | | 1 | 99 | 22.72 | 22.76 | 22.71 |
| | | 50 | 0 | 21.88 | 21.92 | 21.87 |
| | | 50 | 25 | 21.80 | 21.84 | 21.79 |
| | | 50 | 50 | 21.75 | 21.79 | 21.74 |
| | | 100 | 0 | 21.78 | 21.82 | 21.77 |
| | 16QAM | 1 | 0 | 21.94 | 21.98 | 21.94 |
| | | 1 | 50 | 21.78 | 21.82 | 21.72 |
| | | 1 | 99 | 21.69 | 21.67 | 21.68 |
| | | 50 | 0 | 20.83 | 20.92 | 20.81 |
| | | 50 | 25 | 20.78 | 20.80 | 20.74 |
| | | 50 | 50 | 20.75 | 20.78 | 20.70 |
| | | 100 | 0 | 20.74 | 20.81 | 20.68 |
| | 64QAM | 1 | 0 | 20.89 | 20.90 | 20.97 |
| | | 1 | 50 | 20.78 | 20.75 | 20.75 |
| | | 1 | 99 | 20.71 | 20.70 | 20.71 |
| | | 50 | 0 | 19.87 | 19.88 | 19.78 |
| | | 50 | 25 | 19.77 | 19.76 | 19.71 |
| | | 50 | 50 | 19.73 | 19.75 | 19.64 |
| | | 100 | 0 | 19.72 | 19.77 | 19.75 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 132047 | 132322 | 132597 |
| | | Frequency (MHz) | | 1717.5 | 1745 | 1772.5 |
| 15M | QPSK | 1 | 0 | 22.88 | 22.91 | 22.89 |
| | | 1 | 37 | 22.74 | 22.75 | 22.69 |
| | | 1 | 74 | 22.70 | 22.71 | 22.71 |
| | | 36 | 0 | 21.85 | 21.87 | 21.85 |
| | | 36 | 19 | 21.80 | 21.78 | 21.70 |
| | | 36 | 39 | 21.66 | 21.75 | 21.73 |
| | | 75 | 0 | 21.71 | 21.73 | 21.69 |
| | 16QAM | 1 | 0 | 21.97 | 21.91 | 21.84 |
| | | 1 | 37 | 21.78 | 21.67 | 21.68 |
| | | 1 | 74 | 21.58 | 21.68 | 21.61 |
| | | 36 | 0 | 20.83 | 20.80 | 20.68 |
| | | 36 | 19 | 20.73 | 20.74 | 20.67 |
| | | 36 | 39 | 20.62 | 20.71 | 20.68 |
| | | 75 | 0 | 20.68 | 20.72 | 20.73 |
| | 64QAM | 1 | 0 | 20.90 | 20.88 | 20.89 |
| | | 1 | 37 | 20.71 | 20.71 | 20.63 |
| | | 1 | 74 | 20.70 | 20.66 | 20.62 |
| | | 36 | 0 | 19.78 | 19.86 | 19.80 |
| | | 36 | 19 | 19.63 | 19.77 | 19.67 |
| | | 36 | 39 | 19.56 | 19.70 | 19.61 |
| | | 75 | 0 | 19.67 | 19.72 | 19.63 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 132022 | 132322 | 132622 |
| | | Frequency (MHz) | | 1715 | 1745 | 1775 |
| 10M | QPSK | 1 | 0 | 22.87 | 22.92 | 22.95 |
| | | 1 | 24 | 22.72 | 22.65 | 22.70 |
| | | 1 | 49 | 22.47 | 22.63 | 22.61 |
| | | 25 | 0 | 21.77 | 21.80 | 21.72 |
| | | 25 | 12 | 21.77 | 21.74 | 21.68 |
| | | 25 | 25 | 21.57 | 21.67 | 21.60 |
| | | 50 | 0 | 21.66 | 21.65 | 21.69 |
| | 16QAM | 1 | 0 | 21.86 | 21.82 | 21.79 |
| | | 1 | 24 | 21.63 | 21.59 | 21.60 |
| | | 1 | 49 | 21.55 | 21.57 | 21.51 |
| | | 25 | 0 | 20.83 | 20.75 | 20.63 |
| | | 25 | 12 | 20.70 | 20.73 | 20.66 |
| | | 25 | 25 | 20.58 | 20.62 | 20.39 |
| | | 50 | 0 | 20.59 | 20.74 | 20.69 |
| | 64QAM | 1 | 0 | 20.77 | 20.83 | 20.91 |
| | | 1 | 24 | 20.71 | 20.60 | 20.61 |
| | | 1 | 49 | 20.55 | 20.56 | 20.48 |
| | | 25 | 0 | 19.66 | 19.76 | 19.72 |
| | | 25 | 12 | 19.71 | 19.55 | 19.53 |
| | | 25 | 25 | 19.53 | 19.64 | 19.64 |
| | | 50 | 0 | 19.51 | 19.73 | 19.59 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 131997 | 132322 | 132647 |
| | | Frequency (MHz) | | 1712.5 | 1745 | 1777.5 |
| 5M | QPSK | 1 | 0 | 22.87 | 22.86 | 22.87 |
| | | 1 | 12 | 22.65 | 22.67 | 22.63 |
| | | 1 | 24 | 22.57 | 22.62 | 22.49 |
| | | 12 | 0 | 21.74 | 21.85 | 21.61 |
| | | 12 | 6 | 21.65 | 21.68 | 21.57 |
| | | 12 | 13 | 21.55 | 21.58 | 21.44 |
| | | 25 | 0 | 21.66 | 21.76 | 21.70 |
| | 16QAM | 1 | 0 | 21.74 | 21.96 | 21.68 |
| | | 1 | 12 | 21.64 | 21.60 | 21.63 |
| | | 1 | 24 | 21.65 | 21.62 | 21.56 |
| | | 12 | 0 | 20.75 | 20.58 | 20.70 |
| | | 12 | 6 | 20.61 | 20.62 | 20.55 |
| | | 12 | 13 | 20.59 | 20.63 | 20.45 |
| | | 25 | 0 | 20.72 | 20.65 | 20.70 |
| | 64QAM | 1 | 0 | 20.68 | 20.83 | 20.76 |
| | | 1 | 12 | 20.55 | 20.63 | 20.59 |
| | | 1 | 24 | 20.58 | 20.61 | 20.47 |
| | | 12 | 0 | 19.67 | 19.67 | 19.69 |
| | | 12 | 6 | 19.61 | 19.65 | 19.44 |
| | | 12 | 13 | 19.50 | 19.62 | 19.66 |
| | | 25 | 0 | 19.67 | 19.68 | 19.56 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 131987 | 132322 | 132657 |
| | | Frequency (MHz) | | 1711.5 | 1745 | 1778.5 |
| 3M | QPSK | 1 | 0 | 22.76 | 22.95 | 22.91 |
| | | 1 | 7 | 22.75 | 22.68 | 22.66 |
| | | 1 | 14 | 22.64 | 22.73 | 22.57 |
| | | 8 | 0 | 21.72 | 21.78 | 21.71 |
| | | 8 | 3 | 21.62 | 21.82 | 21.64 |
| | | 8 | 7 | 21.70 | 21.74 | 21.57 |
| | | 15 | 0 | 21.63 | 21.64 | 21.62 |
| | 16QAM | 1 | 0 | 21.74 | 21.93 | 21.91 |
| | | 1 | 7 | 21.47 | 21.69 | 21.53 |
| | | 1 | 14 | 21.41 | 21.69 | 21.45 |
| | | 8 | 0 | 20.77 | 20.71 | 20.58 |
| | | 8 | 3 | 20.66 | 20.72 | 20.66 |
| | | 8 | 7 | 20.64 | 20.68 | 20.46 |
| | | 15 | 0 | 20.54 | 20.64 | 20.51 |
| | 64QAM | 1 | 0 | 20.71 | 20.88 | 20.87 |
| | | 1 | 7 | 20.59 | 20.61 | 20.61 |
| | | 1 | 14 | 20.46 | 20.70 | 20.46 |
| | | 8 | 0 | 19.66 | 19.67 | 19.71 |
| | | 8 | 3 | 19.59 | 19.72 | 19.56 |
| | | 8 | 7 | 19.57 | 19.54 | 19.50 |
| | | 15 | 0 | 19.65 | 19.58 | 19.49 |

| LTE Band 66 | | | | | | |
|---|---|---|---|---|---|---|
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High |
| | | Channel | | 131979 | 132322 | 132665 |
| | | Frequency (MHz) | | 1710.7 | 1745 | 1779.3 |
| 1.4M | QPSK | 1 | 0 | 22.85 | 22.82 | 22.82 |
| | | 1 | 2 | 22.74 | 22.70 | 22.60 |
| | | 1 | 5 | 22.62 | 22.66 | 22.57 |
| | | 3 | 0 | 22.78 | 22.85 | 22.73 |
| | | 3 | 1 | 22.63 | 22.71 | 22.70 |
| | | 3 | 3 | 22.61 | 22.65 | 22.61 |
| | | 6 | 0 | 21.75 | 21.74 | 21.65 |
| | 16QAM | 1 | 0 | 21.75 | 21.79 | 21.83 |
| | | 1 | 2 | 21.57 | 21.63 | 21.53 |
| | | 1 | 5 | 21.69 | 21.53 | 21.66 |
| | | 3 | 0 | 21.74 | 21.81 | 21.75 |
| | | 3 | 1 | 21.60 | 21.60 | 21.73 |
| | | 3 | 3 | 21.66 | 21.67 | 21.58 |
| | | 6 | 0 | 20.70 | 20.60 | 20.68 |
| | 64QAM | 1 | 0 | 20.85 | 20.69 | 20.67 |
| | | 1 | 2 | 20.53 | 20.70 | 20.54 |
| | | 1 | 5 | 20.47 | 20.54 | 20.47 |
| | | 3 | 0 | 20.76 | 20.61 | 20.74 |
| | | 3 | 1 | 20.69 | 20.62 | 20.51 |
| | | 3 | 3 | 20.52 | 20.70 | 20.52 |
| | | 6 | 0 | 19.57 | 19.58 | 19.59 |

EIRP Power (dBm)

WCDMA Band 4 Mode

| MODE | | TX channel 1312 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.40 | -12.6 | 25.4 | 0.7 | 26.1 | 30.0 | -3.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.40 | -22.0 | 15.8 | 0.7 | 16.5 | 30.0 | -13.5 |

| MODE | | TX channel 1413 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.60 | -13.8 | 24.6 | 0.6 | 25.2 | 30.0 | -4.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.60 | -21.2 | 17.2 | 0.6 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 1513 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.60 | -12.7 | 26.1 | 0.5 | 26.6 | 30.0 | -3.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.60 | -20.0 | 18.8 | 0.5 | 19.3 | 30.0 | -10.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

**Modulation Type: QPSK**

LTE Band 4

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 19957 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -15.6 | 22.4 | 0.7 | 23.1 | 30.0 | -6.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -20.5 | 17.3 | 0.7 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.5 | 22.9 | 0.6 | 23.5 | 30.0 | -6.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.4 | 17.9 | 0.6 | 18.5 | 30.0 | -11.5 |

| MODE | | TX channel 20393 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -15.4 | 23.4 | 0.5 | 23.9 | 30.0 | -6.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -20.2 | 18.7 | 0.5 | 19.2 | 30.0 | -10.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 19965 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -15.4 | 22.6 | 0.7 | 23.3 | 30.0 | -6.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -20.2 | 17.6 | 0.7 | 18.3 | 30.0 | -11.7 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.3 | 23.1 | 0.6 | 23.7 | 30.0 | -6.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.2 | 18.1 | 0.6 | 18.7 | 30.0 | -11.3 |

| MODE | | TX channel 20385 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -15.1 | 23.7 | 0.5 | 24.2 | 30.0 | -5.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -20.0 | 18.9 | 0.5 | 19.4 | 30.0 | -10.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 19975 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -15.4 | 22.7 | 0.7 | 23.4 | 30.0 | -6.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -20.3 | 17.6 | 0.7 | 18.3 | 30.0 | -11.7 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.3 | 23.1 | 0.6 | 23.7 | 30.0 | -6.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.2 | 18.1 | 0.6 | 18.7 | 30.0 | -11.3 |

| MODE | | TX channel 20375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -15.2 | 23.6 | 0.5 | 24.1 | 30.0 | -5.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -20.1 | 18.7 | 0.5 | 19.2 | 30.0 | -10.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -15.3 | 22.8 | 0.7 | 23.5 | 30.0 | -6.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -20.1 | 17.8 | 0.7 | 18.5 | 30.0 | -11.5 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.2 | 23.2 | 0.6 | 23.8 | 30.0 | -6.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.1 | 18.2 | 0.6 | 18.8 | 30.0 | -11.2 |

| MODE | | TX channel 20350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -15.1 | 23.7 | 0.5 | 24.2 | 30.0 | -5.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -19.9 | 18.9 | 0.5 | 19.4 | 30.0 | -10.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -15.1 | 23.0 | 0.7 | 23.7 | 30.0 | -6.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -20.0 | 18.0 | 0.7 | 18.7 | 30.0 | -11.3 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.0 | 23.4 | 0.6 | 24.0 | 30.0 | -6.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -19.9 | 18.4 | 0.6 | 19.0 | 30.0 | -11.0 |

| MODE | | TX channel 20325 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -14.9 | 23.8 | 0.5 | 24.3 | 30.0 | -5.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -19.8 | 18.9 | 0.5 | 19.4 | 30.0 | -10.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20050 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -14.9 | 23.3 | 0.7 | 24.0 | 30.0 | -6.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -19.7 | 18.3 | 0.7 | 19.0 | 30.0 | -11.0 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -14.7 | 23.7 | 0.6 | 24.3 | 30.0 | -5.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -19.6 | 18.7 | 0.6 | 19.3 | 30.0 | -10.7 |

| MODE | | TX channel 20300 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -14.5 | 24.2 | 0.5 | 24.7 | 30.0 | -5.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -19.5 | 19.2 | 0.5 | 19.7 | 30.0 | -10.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 7

Channel Bandwidth: 5MHz

| MODE | | TX channel 20775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -20.7 | 20.8 | 0.2 | 21.0 | 33.0 | -12.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -30.3 | 13.2 | 0.2 | 13.4 | 33.0 | -19.6 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.1 | 20.6 | 0.2 | 20.8 | 33.0 | -12.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.1 | 13.5 | 0.2 | 13.7 | 33.0 | -19.3 |

| MODE | | TX channel 21425 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -20.4 | 21.6 | 0.2 | 21.8 | 33.0 | -11.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -29.6 | 14.1 | 0.2 | 14.3 | 33.0 | -18.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -20.3 | 21.2 | 0.2 | 21.4 | 33.0 | -11.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -29.3 | 14.2 | 0.2 | 14.4 | 33.0 | -18.6 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -20.5 | 21.2 | 0.2 | 21.4 | 33.0 | -11.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -29.4 | 14.2 | 0.2 | 14.4 | 33.0 | -18.6 |

| MODE | | TX channel 21400 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -20.1 | 21.9 | 0.2 | 22.1 | 33.0 | -10.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -29.0 | 14.7 | 0.2 | 14.9 | 33.0 | -18.1 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -20.0 | 21.5 | 0.2 | 21.7 | 33.0 | -11.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -29.1 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -20.3 | 21.4 | 0.2 | 21.6 | 33.0 | -11.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -29.2 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 21375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -19.8 | 22.2 | 0.2 | 22.4 | 33.0 | -10.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -28.8 | 14.9 | 0.2 | 15.1 | 33.0 | -17.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -19.7 | 21.8 | 0.2 | 22.0 | 33.0 | -11.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -28.7 | 14.8 | 0.2 | 15.0 | 33.0 | -18.0 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -20.1 | 21.6 | 0.2 | 21.8 | 33.0 | -11.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -29.0 | 14.6 | 0.2 | 14.8 | 33.0 | -18.2 |

| MODE | | TX channel 21350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -19.5 | 22.4 | 0.2 | 22.6 | 33.0 | -10.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -28.3 | 15.4 | 0.2 | 15.6 | 33.0 | -17.4 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

CA Mode

Channel Bandwidth: 20MHz+20MHz

| MODE | | TX channel 20850+21048 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2519.9 | -21.0 | 20.7 | 0.1 | 20.8 | 33.0 | -12.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2519.9 | -21.0 | 22.7 | 0.1 | 22.8 | 33.0 | -10.2 |

| MODE | | TX channel 21100+21298 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2544.9 | -21.9 | 19.9 | 0.2 | 20.1 | 33.0 | -12.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2544.9 | -21.0 | 22.6 | 0.2 | 22.8 | 33.0 | -10.2 |

| MODE | | TX channel 21350+21152 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2550.1 | -22.6 | 19.3 | 0.2 | 19.5 | 33.0 | -13.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2550.1 | -21.7 | 22.0 | 0.2 | 22.2 | 33.0 | -10.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 12

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 23017 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -17.7 | 6.8 | 3.5 | 10.3 | 34.8 | -24.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm)) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -14.2 | 13.3 | 3.5 | 16.8 | 34.8 | -18.0 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -16.9 | 7.9 | 3.5 | 11.4 | 34.8 | -23.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -11.8 | 16.0 | 3.5 | 19.5 | 34.8 | -15.3 |

| MODE | | TX channel 23173 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -17.9 | 7.1 | 3.5 | 10.6 | 34.8 | -24.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -12.0 | 15.6 | 3.5 | 19.1 | 34.8 | -15.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 23025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -17.2 | 7.3 | 3.5 | 10.8 | 34.8 | -24.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -11.9 | 15.7 | 3.5 | 19.2 | 34.8 | -15.6 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -17.1 | 7.6 | 3.5 | 11.1 | 34.8 | -23.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -11.9 | 15.9 | 3.5 | 19.4 | 34.8 | -15.4 |

| MODE | | TX channel 23165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -17.6 | 7.4 | 3.5 | 10.9 | 34.8 | -23.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -11.8 | 15.8 | 3.5 | 19.3 | 34.8 | -15.5 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 23035 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -17.3 | 7.3 | 3.4 | 10.7 | 34.8 | -24.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -11.8 | 15.9 | 3.4 | 19.3 | 34.8 | -15.5 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.1 | 6.6 | 3.5 | 10.1 | 34.8 | -24.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -12.4 | 15.4 | 3.5 | 18.9 | 34.8 | -15.9 |

| MODE | | TX channel 23155 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -17.8 | 7.2 | 3.5 | 10.7 | 34.8 | -24.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -12.1 | 15.6 | 3.5 | 19.1 | 34.8 | -15.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23060 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -17.4 | 7.3 | 3.5 | 10.8 | 34.8 | -24.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -11.8 | 15.9 | 3.5 | 19.4 | 34.8 | -15.4 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -17.4 | 7.4 | 3.5 | 10.9 | 34.8 | -23.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -11.8 | 16.0 | 3.5 | 19.5 | 34.8 | -15.3 |

| MODE | | TX channel 23130 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -18.0 | 7.0 | 3.5 | 10.5 | 34.8 | -24.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -12.2 | 15.4 | 3.5 | 18.9 | 34.8 | -15.9 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 13

Channel Bandwidth: 5MHz

| MODE | | TX channel 23205 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -18.2 | 7.8 | 4.0 | 11.8 | 34.8 | -23.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -12.9 | 15.2 | 4.0 | 19.2 | 34.8 | -15.6 |

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -18.4 | 7.6 | 4.0 | 11.6 | 34.8 | -23.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -12.8 | 15.1 | 4.0 | 19.1 | 34.8 | -15.7 |

| MODE | | TX channel 23255 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -18.5 | 7.6 | 4.0 | 11.6 | 34.8 | -23.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -13.0 | 14.9 | 4.0 | 18.9 | 34.8 | -15.9 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -18.1 | 7.9 | 4.0 | 11.9 | 34.8 | -22.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -12.8 | 15.1 | 4.0 | 19.1 | 34.8 | -15.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 17

Channel Bandwidth: 5MHz

| MODE | | TX channel 23755 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -16.9 | 7.8 | 3.5 | 11.3 | 34.8 | -23.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -12.6 | 15.0 | 3.5 | 18.5 | 34.8 | -16.3 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -17.2 | 7.6 | 3.5 | 11.1 | 34.8 | -23.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -12.7 | 14.9 | 3.5 | 18.4 | 34.8 | -16.4 |

| MODE | | TX channel 23825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -17.3 | 7.7 | 3.5 | 11.2 | 34.8 | -23.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -12.9 | 14.9 | 3.5 | 18.4 | 34.8 | -16.4 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23780 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -16.9 | 7.8 | 3.5 | 11.3 | 34.8 | -23.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -13.0 | 14.6 | 3.5 | 18.1 | 34.8 | -16.7 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -17.2 | 7.6 | 3.5 | 11.1 | 34.8 | -23.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -12.9 | 14.7 | 3.5 | 18.2 | 34.8 | -16.6 |

| MODE | | TX channel 23800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -17.4 | 7.6 | 3.5 | 11.1 | 34.8 | -23.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -12.8 | 14.8 | 3.5 | 18.3 | 34.8 | -16.5 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 38

Channel Bandwidth: 5MHz

| MODE | | TX channel 37775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -17.5 | 24.6 | 0.2 | 24.8 | 33.0 | -8.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -25.3 | 18.4 | 0.2 | 18.6 | 33.0 | -14.4 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -17.3 | 24.9 | 0.2 | 25.1 | 33.0 | -7.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -25.3 | 18.5 | 0.2 | 18.7 | 33.0 | -14.3 |

| MODE | | TX channel 38225 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -18.0 | 24.4 | 0.2 | 24.6 | 33.0 | -8.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -25.6 | 18.2 | 0.2 | 18.4 | 33.0 | -14.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 37800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -18.1 | 24.0 | 0.2 | 24.2 | 33.0 | -8.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -25.3 | 18.4 | 0.2 | 18.6 | 33.0 | -14.4 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.1 | 24.1 | 0.2 | 24.3 | 33.0 | -8.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -25.4 | 18.4 | 0.2 | 18.6 | 33.0 | -14.4 |

| MODE | | TX channel 38200 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -18.3 | 24.1 | 0.2 | 24.3 | 33.0 | -8.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -25.9 | 17.9 | 0.2 | 18.1 | 33.0 | -14.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 37825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -17.7 | 24.4 | 0.2 | 24.6 | 33.0 | -8.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -25.4 | 18.3 | 0.2 | 18.5 | 33.0 | -14.5 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -17.7 | 24.5 | 0.2 | 24.7 | 33.0 | -8.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -25.6 | 18.2 | 0.2 | 18.4 | 33.0 | -14.6 |

| MODE | | TX channel 38175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -17.7 | 24.7 | 0.2 | 24.9 | 33.0 | -8.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -25.2 | 18.6 | 0.2 | 18.8 | 33.0 | -14.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 37850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -17.8 | 24.4 | 0.1 | 24.5 | 33.0 | -8.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -26.0 | 17.8 | 0.1 | 17.9 | 33.0 | -15.1 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.2 | 24.0 | 0.2 | 24.2 | 33.0 | -8.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.3 | 17.5 | 0.2 | 17.7 | 33.0 | -15.3 |

| MODE | | TX channel 38150 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -17.6 | 24.8 | 0.2 | 25.0 | 33.0 | -8.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -26.0 | 17.8 | 0.2 | 18.0 | 33.0 | -15.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 41

Channel Bandwidth: 5MHz

| MODE | | TX channel 40065 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -17.4 | 24.3 | 0.2 | 24.5 | 33.0 | -8.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -28.3 | 15.3 | 0.2 | 15.5 | 33.0 | -17.5 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -17.5 | 24.7 | 0.2 | 24.9 | 33.0 | -8.1 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -29.4 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 41215 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -19.1 | 23.5 | 0.3 | 23.8 | 33.0 | -9.2 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -28.3 | 15.4 | 0.3 | 15.7 | 33.0 | -17.3 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 40090 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -17.0 | 24.8 | 0.2 | 25.0 | 33.0 | -8.0 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -28.1 | 15.5 | 0.2 | 15.7 | 33.0 | -17.3 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.5 | 23.7 | 0.2 | 23.9 | 33.0 | -9.1 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -29.2 | 14.6 | 0.2 | 14.8 | 33.0 | -18.2 |

| MODE | | TX channel 41190 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -18.1 | 24.5 | 0.3 | 24.8 | 33.0 | -8.2 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -28.6 | 15.1 | 0.3 | 15.4 | 33.0 | -17.6 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 40115 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -17.7 | 24.1 | 0.2 | 24.3 | 33.0 | -8.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -28.2 | 15.4 | 0.2 | 15.6 | 33.0 | -17.4 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.5 | 23.7 | 0.2 | 23.9 | 33.0 | -9.1 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -28.2 | 15.6 | 0.2 | 15.8 | 33.0 | -17.2 |

| MODE | | TX channel 41165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -19.2 | 23.4 | 0.3 | 23.7 | 33.0 | -9.3 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -28.4 | 15.3 | 0.3 | 15.6 | 33.0 | -17.4 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 40140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -17.7 | 24.1 | 0.2 | 24.3 | 33.0 | -8.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -27.7 | 15.9 | 0.2 | 16.1 | 33.0 | -16.9 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.0 | 24.2 | 0.2 | 24.4 | 33.0 | -8.6 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -28.8 | 15.0 | 0.2 | 15.2 | 33.0 | -17.8 |

| MODE | | TX channel 41140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -18.6 | 24.0 | 0.3 | 24.3 | 33.0 | -8.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -28.7 | 15.0 | 0.3 | 15.3 | 33.0 | -17.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 66

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 131979 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -12.0 | 26.0 | 0.7 | 26.7 | 30.0 | -3.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -20.5 | 17.3 | 0.7 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.8 | 26.9 | 0.5 | 27.4 | 30.0 | -2.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.2 | 18.5 | 0.5 | 19.0 | 30.0 | -11.0 |

| MODE | | TX channel 132665 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -10.5 | 28.7 | 0.4 | 29.1 | 30.0 | -0.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -19.1 | 20.4 | 0.4 | 20.8 | 30.0 | -9.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 131987 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -11.7 | 26.3 | 0.7 | 27.0 | 30.0 | -3.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -19.9 | 17.9 | 0.7 | 18.6 | 30.0 | -11.4 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.5 | 27.2 | 0.5 | 27.7 | 30.0 | -2.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -19.5 | 19.2 | 0.5 | 19.7 | 30.0 | -10.3 |

| MODE | | TX channel 132657 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -10.3 | 28.9 | 0.4 | 29.3 | 30.0 | -0.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -18.6 | 20.9 | 0.4 | 21.3 | 30.0 | -8.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 131997 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -11.5 | 26.6 | 0.7 | 27.3 | 30.0 | -2.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -19.7 | 18.2 | 0.7 | 18.9 | 30.0 | -11.1 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.7 | 27.0 | 0.5 | 27.5 | 30.0 | -2.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.2 | 18.5 | 0.5 | 19.0 | 30.0 | -11.0 |

| MODE | | TX channel 132647 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -10.4 | 28.8 | 0.4 | 29.2 | 30.0 | -0.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -18.7 | 20.7 | 0.4 | 21.1 | 30.0 | -8.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 132022 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -11.4 | 26.7 | 0.7 | 27.4 | 30.0 | -2.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -19.7 | 18.2 | 0.7 | 18.9 | 30.0 | -11.1 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.6 | 27.1 | 0.5 | 27.6 | 30.0 | -2.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.0 | 18.7 | 0.5 | 19.2 | 30.0 | -10.8 |

| MODE | | TX channel 132622 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -10.4 | 28.8 | 0.4 | 29.2 | 30.0 | -0.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -19.1 | 20.3 | 0.4 | 20.7 | 30.0 | -9.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 132047 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -11.5 | 26.6 | 0.7 | 27.3 | 30.0 | -2.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -19.8 | 18.2 | 0.7 | 18.9 | 30.0 | -11.1 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.6 | 27.1 | 0.5 | 27.6 | 30.0 | -2.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -19.7 | 19.0 | 0.5 | 19.5 | 30.0 | -10.5 |

| MODE | | TX channel 132597 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -10.3 | 28.9 | 0.4 | 29.3 | 30.0 | -0.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -18.7 | 20.6 | 0.4 | 21.0 | 30.0 | -9.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 132072 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -11.5 | 26.7 | 0.7 | 27.4 | 30.0 | -2.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -19.4 | 18.6 | 0.7 | 19.3 | 30.0 | -10.7 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -11.9 | 26.8 | 0.5 | 27.3 | 30.0 | -2.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.3 | 18.4 | 0.5 | 18.9 | 30.0 | -11.1 |

| MODE | | TX channel 132572 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -10.6 | 28.4 | 0.5 | 28.9 | 30.0 | -1.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -18.8 | 20.4 | 0.5 | 20.9 | 30.0 | -9.1 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

**Modulation Type: 16QAM**

LTE Band 4

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 19957 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -16.5 | 21.5 | 0.7 | 22.2 | 30.0 | -7.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -21.4 | 16.4 | 0.7 | 17.1 | 30.0 | -12.9 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.6 | 21.8 | 0.6 | 22.4 | 30.0 | -7.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.5 | 16.8 | 0.6 | 17.4 | 30.0 | -12.6 |

| MODE | | TX channel 20393 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -16.4 | 22.4 | 0.5 | 22.9 | 30.0 | -7.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -21.2 | 17.7 | 0.5 | 18.2 | 30.0 | -11.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 19965 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -16.3 | 21.7 | 0.7 | 22.4 | 30.0 | -7.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -21.1 | 16.7 | 0.7 | 17.4 | 30.0 | -12.6 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.4 | 22.0 | 0.6 | 22.6 | 30.0 | -7.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.3 | 17.0 | 0.6 | 17.6 | 30.0 | -12.4 |

| MODE | | TX channel 20385 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -16.0 | 22.8 | 0.5 | 23.3 | 30.0 | -6.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -21.1 | 17.8 | 0.5 | 18.3 | 30.0 | -11.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 19975 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -16.4 | 21.7 | 0.7 | 22.4 | 30.0 | -7.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -21.3 | 16.6 | 0.7 | 17.3 | 30.0 | -12.7 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.2 | 22.2 | 0.6 | 22.8 | 30.0 | -7.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.2 | 17.1 | 0.6 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 20375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -16.3 | 22.5 | 0.5 | 23.0 | 30.0 | -7.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -21.2 | 17.6 | 0.5 | 18.1 | 30.0 | -11.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -16.1 | 22.0 | 0.7 | 22.7 | 30.0 | -7.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -20.9 | 17.0 | 0.7 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.1 | 22.3 | 0.6 | 22.9 | 30.0 | -7.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.1 | 17.2 | 0.6 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 20350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -16.3 | 22.5 | 0.5 | 23.0 | 30.0 | -7.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -21.1 | 17.7 | 0.5 | 18.2 | 30.0 | -11.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -16.1 | 22.0 | 0.7 | 22.7 | 30.0 | -7.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -21.0 | 17.0 | 0.7 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.1 | 22.3 | 0.6 | 22.9 | 30.0 | -7.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.0 | 17.3 | 0.6 | 17.9 | 30.0 | -12.1 |

| MODE | | TX channel 20325 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -15.8 | 22.9 | 0.5 | 23.4 | 30.0 | -6.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -20.7 | 18.0 | 0.5 | 18.5 | 30.0 | -11.5 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20050 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -15.9 | 22.3 | 0.7 | 23.0 | 30.0 | -7.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -20.7 | 17.3 | 0.7 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.6 | 22.8 | 0.6 | 23.4 | 30.0 | -6.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.6 | 17.7 | 0.6 | 18.3 | 30.0 | -11.7 |

| MODE | | TX channel 20300 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -15.5 | 23.2 | 0.5 | 23.7 | 30.0 | -6.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.6 | 18.1 | 0.5 | 18.6 | 30.0 | -11.4 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 7

Channel Bandwidth: 5MHz

| MODE | | TX channel 20775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -21.5 | 20.0 | 0.2 | 20.2 | 33.0 | -12.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -31.1 | 12.4 | 0.2 | 12.6 | 33.0 | -20.4 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.9 | 19.8 | 0.2 | 20.0 | 33.0 | -13.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.8 | 12.8 | 0.2 | 13.0 | 33.0 | -20.0 |

| MODE | | TX channel 21425 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -21.3 | 20.7 | 0.2 | 20.9 | 33.0 | -12.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -30.5 | 13.2 | 0.2 | 13.4 | 33.0 | -19.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -21.2 | 20.3 | 0.2 | 20.5 | 33.0 | -12.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -30.2 | 13.3 | 0.2 | 13.5 | 33.0 | -19.5 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.4 | 20.3 | 0.2 | 20.5 | 33.0 | -12.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.3 | 13.3 | 0.2 | 13.5 | 33.0 | -19.5 |

| MODE | | TX channel 21400 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -21.0 | 21.0 | 0.2 | 21.2 | 33.0 | -11.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -29.9 | 13.8 | 0.2 | 14.0 | 33.0 | -19.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -20.9 | 20.6 | 0.2 | 20.8 | 33.0 | -12.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -29.9 | 13.6 | 0.2 | 13.8 | 33.0 | -19.2 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.1 | 20.6 | 0.2 | 20.8 | 33.0 | -12.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.0 | 13.6 | 0.2 | 13.8 | 33.0 | -19.2 |

| MODE | | TX channel 21375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -20.7 | 21.3 | 0.2 | 21.5 | 33.0 | -11.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -29.7 | 14.0 | 0.2 | 14.2 | 33.0 | -18.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -20.7 | 20.8 | 0.2 | 21.0 | 33.0 | -12.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -29.7 | 13.8 | 0.2 | 14.0 | 33.0 | -19.0 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.0 | 20.7 | 0.2 | 20.9 | 33.0 | -12.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -29.9 | 13.7 | 0.2 | 13.9 | 33.0 | -19.1 |

| MODE | | TX channel 21350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -20.4 | 21.5 | 0.2 | 21.7 | 33.0 | -11.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -29.2 | 14.5 | 0.2 | 14.7 | 33.0 | -18.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 12

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 23017 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -18.7 | 5.8 | 3.5 | 9.3 | 34.8 | -25.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm)) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -15.0 | 12.5 | 3.5 | 16.0 | 34.8 | -18.8 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -17.9 | 6.9 | 3.5 | 10.4 | 34.8 | -24.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -12.6 | 15.1 | 3.5 | 18.6 | 34.8 | -16.2 |

| MODE | | TX channel 23173 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -18.9 | 6.1 | 3.5 | 9.6 | 34.8 | -25.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -12.9 | 14.7 | 3.5 | 18.2 | 34.8 | -16.6 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 23025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -18.1 | 6.4 | 3.5 | 9.9 | 34.8 | -24.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -12.8 | 14.8 | 3.5 | 18.3 | 34.8 | -16.5 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.2 | 6.5 | 3.5 | 10.0 | 34.8 | -24.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -12.9 | 14.9 | 3.5 | 18.4 | 34.8 | -16.4 |

| MODE | | TX channel 23165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -18.6 | 6.4 | 3.5 | 9.9 | 34.8 | -24.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -12.8 | 14.8 | 3.5 | 18.3 | 34.8 | -16.5 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 23035 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -18.2 | 6.4 | 3.4 | 9.8 | 34.8 | -25.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -12.8 | 14.9 | 3.4 | 18.3 | 34.8 | -16.5 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -19.1 | 5.7 | 3.5 | 9.2 | 34.8 | -25.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -13.4 | 14.4 | 3.5 | 17.9 | 34.8 | -16.9 |

| MODE | | TX channel 23155 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -18.8 | 6.2 | 3.5 | 9.7 | 34.8 | -25.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -13.1 | 14.6 | 3.5 | 18.1 | 34.8 | -16.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23060 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -18.4 | 6.3 | 3.5 | 9.8 | 34.8 | -25.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -12.8 | 14.8 | 3.5 | 18.3 | 34.8 | -16.5 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.6 | 6.2 | 3.5 | 9.7 | 34.8 | -25.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -12.9 | 14.9 | 3.5 | 18.4 | 34.8 | -16.4 |

| MODE | | TX channel 23130 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -19.1 | 5.9 | 3.5 | 9.4 | 34.8 | -25.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -13.3 | 14.3 | 3.5 | 17.8 | 34.8 | -17.0 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 13

Channel Bandwidth: 5MHz

| MODE | | TX channel 23205 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -19.2 | 6.8 | 4.0 | 10.8 | 34.8 | -24.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -13.9 | 14.2 | 4.0 | 18.2 | 34.8 | -16.6 |

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -19.3 | 6.7 | 4.0 | 10.7 | 34.8 | -24.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -13.8 | 14.1 | 4.0 | 18.1 | 34.8 | -16.7 |

| MODE | | TX channel 23255 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -18.5 | 7.6 | 4.0 | 11.6 | 34.8 | -23.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -13.9 | 14.0 | 4.0 | 18.0 | 34.8 | -16.8 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -19.1 | 6.9 | 4.0 | 10.9 | 34.8 | -23.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -13.8 | 14.1 | 4.0 | 18.1 | 34.8 | -16.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 17

Channel Bandwidth: 5MHz

| MODE | | TX channel 23755 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -18.1 | 6.7 | 3.5 | 10.2 | 34.8 | -24.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -13.8 | 13.8 | 3.5 | 17.3 | 34.8 | -17.5 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -18.2 | 6.7 | 3.5 | 10.2 | 34.8 | -24.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -13.7 | 13.9 | 3.5 | 17.4 | 34.8 | -17.4 |

| MODE | | TX channel 23825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -18.4 | 6.6 | 3.5 | 10.1 | 34.8 | -24.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -14.1 | 13.6 | 3.5 | 17.1 | 34.8 | -17.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23780 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -17.9 | 6.9 | 3.5 | 10.4 | 34.8 | -24.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -14.1 | 13.5 | 3.5 | 17.0 | 34.8 | -17.8 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -18.2 | 6.6 | 3.5 | 10.1 | 34.8 | -24.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -13.9 | 13.7 | 3.5 | 17.2 | 34.8 | -17.6 |

| MODE | | TX channel 23800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -18.5 | 6.5 | 3.5 | 10.0 | 34.8 | -24.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -13.9 | 13.7 | 3.5 | 17.2 | 34.8 | -17.6 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 38

Channel Bandwidth: 5MHz

| MODE | | TX channel 37775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -18.6 | 23.4 | 0.2 | 23.6 | 33.0 | -9.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -26.2 | 17.5 | 0.2 | 17.7 | 33.0 | -15.3 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.3 | 23.9 | 0.2 | 24.1 | 33.0 | -8.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.2 | 17.6 | 0.2 | 17.8 | 33.0 | -15.2 |

| MODE | | TX channel 38225 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -19.2 | 23.2 | 0.2 | 23.4 | 33.0 | -9.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -26.7 | 17.1 | 0.2 | 17.3 | 33.0 | -15.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 37800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -19.0 | 23.1 | 0.2 | 23.3 | 33.0 | -9.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -26.3 | 17.4 | 0.2 | 17.6 | 33.0 | -15.4 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.2 | 23.0 | 0.2 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.5 | 17.3 | 0.2 | 17.5 | 33.0 | -15.5 |

| MODE | | TX channel 38200 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -19.2 | 23.2 | 0.2 | 23.4 | 33.0 | -9.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -26.8 | 17.0 | 0.2 | 17.2 | 33.0 | -15.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 37825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -18.7 | 23.4 | 0.2 | 23.6 | 33.0 | -9.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -26.3 | 17.4 | 0.2 | 17.6 | 33.0 | -15.4 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.6 | 23.6 | 0.2 | 23.8 | 33.0 | -9.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.6 | 17.2 | 0.2 | 17.4 | 33.0 | -15.6 |

| MODE | | TX channel 38175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -18.8 | 23.6 | 0.2 | 23.8 | 33.0 | -9.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -26.2 | 17.6 | 0.2 | 17.8 | 33.0 | -15.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 37850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -18.6 | 23.6 | 0.1 | 23.7 | 33.0 | -9.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -26.9 | 16.9 | 0.1 | 17.0 | 33.0 | -16.0 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.1 | 23.1 | 0.2 | 23.3 | 33.0 | -9.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -27.2 | 16.6 | 0.2 | 16.8 | 33.0 | -16.2 |

| MODE | | TX channel 38150 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -18.5 | 23.9 | 0.2 | 24.1 | 33.0 | -8.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -27.1 | 16.7 | 0.2 | 16.9 | 33.0 | -16.1 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 41

Channel Bandwidth: 5MHz

| MODE | | TX channel 40065 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -18.4 | 23.3 | 0.2 | 23.5 | 33.0 | -9.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -29.2 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.5 | 23.7 | 0.2 | 23.9 | 33.0 | -9.1 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -30.3 | 13.5 | 0.2 | 13.7 | 33.0 | -19.3 |

| MODE | | TX channel 41215 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -19.8 | 22.8 | 0.3 | 23.1 | 33.0 | -9.9 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -29.0 | 14.7 | 0.3 | 15.0 | 33.0 | -18.0 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 40090 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -17.6 | 24.2 | 0.2 | 24.4 | 33.0 | -8.6 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -28.7 | 14.9 | 0.2 | 15.1 | 33.0 | -17.9 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.2 | 23.0 | 0.2 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -29.8 | 14.0 | 0.2 | 14.2 | 33.0 | -18.8 |

| MODE | | TX channel 41190 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -18.9 | 23.7 | 0.3 | 24.0 | 33.0 | -9.0 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -29.1 | 14.6 | 0.3 | 14.9 | 33.0 | -18.1 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 40115 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -18.7 | 23.1 | 0.2 | 23.3 | 33.0 | -9.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -28.8 | 14.8 | 0.2 | 15.0 | 33.0 | -18.0 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.2 | 23.0 | 0.2 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -28.8 | 15.0 | 0.2 | 15.2 | 33.0 | -17.8 |

| MODE | | TX channel 41165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -19.9 | 22.7 | 0.3 | 23.0 | 33.0 | -10.0 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -29.0 | 14.7 | 0.3 | 15.0 | 33.0 | -18.0 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 40140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -18.7 | 23.1 | 0.2 | 23.3 | 33.0 | -9.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -28.6 | 15.0 | 0.2 | 15.2 | 33.0 | -17.8 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.9 | 23.3 | 0.2 | 23.5 | 33.0 | -9.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -29.6 | 14.2 | 0.2 | 14.4 | 33.0 | -18.6 |

| MODE | | TX channel 41140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -19.4 | 23.2 | 0.3 | 23.5 | 33.0 | -9.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -29.2 | 14.5 | 0.3 | 14.8 | 33.0 | -18.2 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 66

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 131979 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -12.9 | 25.1 | 0.7 | 25.8 | 30.0 | -4.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -21.4 | 16.4 | 0.7 | 17.1 | 30.0 | -12.9 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.7 | 26.0 | 0.5 | 26.5 | 30.0 | -3.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.1 | 17.6 | 0.5 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 132665 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -11.5 | 27.7 | 0.4 | 28.1 | 30.0 | -1.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -20.1 | 19.4 | 0.4 | 19.8 | 30.0 | -10.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 131987 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -12.5 | 25.5 | 0.7 | 26.2 | 30.0 | -3.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -20.8 | 17.0 | 0.7 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.4 | 26.3 | 0.5 | 26.8 | 30.0 | -3.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.5 | 18.2 | 0.5 | 18.7 | 30.0 | -11.3 |

| MODE | | TX channel 132657 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -11.2 | 28.0 | 0.4 | 28.4 | 30.0 | -1.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -19.5 | 20.0 | 0.4 | 20.4 | 30.0 | -9.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 131997 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -12.5 | 25.6 | 0.7 | 26.3 | 30.0 | -3.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -20.6 | 17.3 | 0.7 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.7 | 26.0 | 0.5 | 26.5 | 30.0 | -3.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.1 | 17.6 | 0.5 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 132647 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -11.3 | 27.9 | 0.4 | 28.3 | 30.0 | -1.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -19.6 | 19.8 | 0.4 | 20.2 | 30.0 | -9.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 132022 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -12.5 | 25.6 | 0.7 | 26.3 | 30.0 | -3.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -20.8 | 17.1 | 0.7 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.6 | 26.1 | 0.5 | 26.6 | 30.0 | -3.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.0 | 17.7 | 0.5 | 18.2 | 30.0 | -11.8 |

| MODE | | TX channel 132622 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -11.3 | 27.9 | 0.4 | 28.3 | 30.0 | -1.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -20.1 | 19.3 | 0.4 | 19.7 | 30.0 | -10.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 132047 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -12.6 | 25.5 | 0.7 | 26.2 | 30.0 | -3.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -20.9 | 17.1 | 0.7 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.5 | 26.2 | 0.5 | 26.7 | 30.0 | -3.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.6 | 18.1 | 0.5 | 18.6 | 30.0 | -11.4 |

| MODE | | TX channel 132597 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -11.3 | 27.9 | 0.4 | 28.3 | 30.0 | -1.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -19.6 | 19.7 | 0.4 | 20.1 | 30.0 | -9.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 132072 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -12.7 | 25.5 | 0.7 | 26.2 | 30.0 | -3.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -20.6 | 17.4 | 0.7 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.9 | 25.8 | 0.5 | 26.3 | 30.0 | -3.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.3 | 17.4 | 0.5 | 17.9 | 30.0 | -12.1 |

| MODE | | TX channel 132572 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -11.5 | 27.5 | 0.5 | 28.0 | 30.0 | -2.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -19.7 | 19.5 | 0.5 | 20.0 | 30.0 | -10.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

**Modulation Type: 64QAM**

LTE Band 4

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 19957 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -16.6 | 21.4 | 0.7 | 22.1 | 30.0 | -7.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -21.4 | 16.4 | 0.7 | 17.1 | 30.0 | -12.9 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.7 | 21.7 | 0.6 | 22.3 | 30.0 | -7.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.9 | 17.4 | 0.6 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 20393 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -16.5 | 22.3 | 0.5 | 22.8 | 30.0 | -7.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1754.30 | -20.4 | 18.5 | 0.5 | 19.0 | 30.0 | -11.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 19965 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -16.5 | 21.5 | 0.7 | 22.2 | 30.0 | -7.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -20.7 | 17.1 | 0.7 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.5 | 21.9 | 0.6 | 22.5 | 30.0 | -7.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.8 | 17.5 | 0.6 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 20385 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -16.1 | 22.7 | 0.5 | 23.2 | 30.0 | -6.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1753.50 | -20.5 | 18.4 | 0.5 | 18.9 | 30.0 | -11.1 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 19975 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -16.6 | 21.5 | 0.7 | 22.2 | 30.0 | -7.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -21.0 | 16.9 | 0.7 | 17.6 | 30.0 | -12.4 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.4 | 22.0 | 0.6 | 22.6 | 30.0 | -7.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -21.0 | 17.3 | 0.6 | 17.9 | 30.0 | -12.1 |

| MODE | | TX channel 20375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -16.5 | 22.3 | 0.5 | 22.8 | 30.0 | -7.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1752.50 | -20.5 | 18.3 | 0.5 | 18.8 | 30.0 | -11.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -16.2 | 21.9 | 0.7 | 22.6 | 30.0 | -7.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -20.6 | 17.3 | 0.7 | 18.0 | 30.0 | -12.0 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.2 | 22.2 | 0.6 | 22.8 | 30.0 | -7.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.7 | 17.6 | 0.6 | 18.2 | 30.0 | -11.8 |

| MODE | | TX channel 20350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -16.4 | 22.4 | 0.5 | 22.9 | 30.0 | -7.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1750.00 | -20.6 | 18.2 | 0.5 | 18.7 | 30.0 | -11.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -16.2 | 21.9 | 0.7 | 22.6 | 30.0 | -7.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -20.6 | 17.4 | 0.7 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -16.3 | 22.1 | 0.6 | 22.7 | 30.0 | -7.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.5 | 17.8 | 0.6 | 18.4 | 30.0 | -11.6 |

| MODE | | TX channel 20325 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -16.0 | 22.7 | 0.5 | 23.2 | 30.0 | -6.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1747.50 | -20.4 | 18.3 | 0.5 | 18.8 | 30.0 | -11.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20050 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -16.8 | 21.4 | 0.7 | 22.1 | 30.0 | -7.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -20.2 | 17.8 | 0.7 | 18.5 | 30.0 | -11.5 |

| MODE | | TX channel 20175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -15.8 | 22.6 | 0.6 | 23.2 | 30.0 | -6.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1732.50 | -20.2 | 18.1 | 0.6 | 18.7 | 30.0 | -11.3 |

| MODE | | TX channel 20300 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -15.6 | 23.1 | 0.5 | 23.6 | 30.0 | -6.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.3 | 18.4 | 0.5 | 18.9 | 30.0 | -11.1 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 7

Channel Bandwidth: 5MHz

| MODE | | TX channel 20775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -21.7 | 19.8 | 0.2 | 20.0 | 33.0 | -13.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2502.50 | -31.4 | 12.1 | 0.2 | 12.3 | 33.0 | -20.7 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -22.2 | 19.5 | 0.2 | 19.7 | 33.0 | -13.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -31.0 | 12.6 | 0.2 | 12.8 | 33.0 | -20.2 |

| MODE | | TX channel 21425 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -21.8 | 20.2 | 0.2 | 20.4 | 33.0 | -12.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2567.50 | -30.7 | 13.0 | 0.2 | 13.2 | 33.0 | -19.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 20800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -21.5 | 20.0 | 0.2 | 20.2 | 33.0 | -12.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2505.00 | -30.5 | 13.0 | 0.2 | 13.2 | 33.0 | -19.8 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.8 | 19.9 | 0.2 | 20.1 | 33.0 | -12.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.7 | 12.9 | 0.2 | 13.1 | 33.0 | -19.9 |

| MODE | | TX channel 21400 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -21.2 | 20.8 | 0.2 | 21.0 | 33.0 | -12.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2565.00 | -30.2 | 13.5 | 0.2 | 13.7 | 33.0 | -19.3 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 20825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -21.2 | 20.3 | 0.2 | 20.5 | 33.0 | -12.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2507.50 | -30.1 | 13.4 | 0.2 | 13.6 | 33.0 | -19.4 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.5 | 20.2 | 0.2 | 20.4 | 33.0 | -12.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.3 | 13.3 | 0.2 | 13.5 | 33.0 | -19.5 |

| MODE | | TX channel 21375 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -21.0 | 21.0 | 0.2 | 21.2 | 33.0 | -11.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2562.50 | -29.9 | 13.8 | 0.2 | 14.0 | 33.0 | -19.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 20850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -20.9 | 20.6 | 0.2 | 20.8 | 33.0 | -12.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2510.00 | -29.9 | 13.6 | 0.2 | 13.8 | 33.0 | -19.2 |

| MODE | | TX channel 21100 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -21.2 | 20.5 | 0.2 | 20.7 | 33.0 | -12.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2535.00 | -30.2 | 13.4 | 0.2 | 13.6 | 33.0 | -19.4 |

| MODE | | TX channel 21350 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -20.7 | 21.2 | 0.2 | 21.4 | 33.0 | -11.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2560.00 | -29.6 | 14.1 | 0.2 | 14.3 | 33.0 | -18.7 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 12

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 23017 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -18.9 | 5.6 | 3.5 | 9.1 | 34.8 | -25.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm)) | Limit (dBm) | Margin (dB) |
| 1 | 699.70 | -15.1 | 12.4 | 3.5 | 15.9 | 34.8 | -18.9 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.1 | 6.7 | 3.5 | 10.2 | 34.8 | -24.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -12.9 | 14.9 | 3.5 | 18.4 | 34.8 | -16.4 |

| MODE | | TX channel 23173 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -19.1 | 5.9 | 3.5 | 9.4 | 34.8 | -25.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 715.30 | -13.0 | 14.6 | 3.5 | 18.1 | 34.8 | -16.7 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 23025 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -18.4 | 6.1 | 3.5 | 9.6 | 34.8 | -25.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 700.50 | -12.9 | 14.7 | 3.5 | 18.2 | 34.8 | -16.6 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.4 | 6.3 | 3.5 | 9.8 | 34.8 | -25.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -13.1 | 14.6 | 3.5 | 18.1 | 34.8 | -16.7 |

| MODE | | TX channel 23165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -18.9 | 6.1 | 3.5 | 9.6 | 34.8 | -25.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 714.50 | -12.9 | 14.7 | 3.5 | 18.2 | 34.8 | -16.6 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 23035 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -18.5 | 6.1 | 3.4 | 9.5 | 34.8 | -25.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 701.50 | -13.0 | 14.7 | 3.4 | 18.1 | 34.8 | -16.7 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -19.1 | 5.6 | 3.5 | 9.1 | 34.8 | -25.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -13.6 | 14.2 | 3.5 | 17.7 | 34.8 | -17.1 |

| MODE | | TX channel 23155 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -18.9 | 6.1 | 3.5 | 9.6 | 34.8 | -25.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -13.2 | 14.5 | 3.5 | 18.0 | 34.8 | -16.8 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23060 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -18.6 | 6.1 | 3.5 | 9.6 | 34.8 | -25.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 704.00 | -13.0 | 14.6 | 3.5 | 18.1 | 34.8 | -16.7 |

| MODE | | TX channel 23095 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -18.8 | 6.0 | 3.5 | 9.5 | 34.8 | -25.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 707.50 | -13.1 | 14.7 | 3.5 | 18.2 | 34.8 | -16.6 |

| MODE | | TX channel 23130 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -19.3 | 5.7 | 3.5 | 9.2 | 34.8 | -25.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -13.5 | 14.1 | 3.5 | 17.6 | 34.8 | -17.2 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 13

Channel Bandwidth: 5MHz

| MODE | | TX channel 23205 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -19.2 | 6.8 | 4.0 | 10.8 | 34.8 | -24.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 779.50 | -13.9 | 14.2 | 4.0 | 18.2 | 34.8 | -16.6 |

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -19.3 | 6.7 | 4.0 | 10.7 | 34.8 | -24.1 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -14.0 | 13.9 | 4.0 | 17.9 | 34.8 | -16.9 |

| MODE | | TX channel 23255 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -18.5 | 7.6 | 4.0 | 11.6 | 34.8 | -23.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 784.50 | -14.1 | 13.8 | 4.0 | 17.8 | 34.8 | -17.0 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23230 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -19.1 | 6.9 | 4.0 | 10.9 | 34.8 | -23.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 782.00 | -14.0 | 13.9 | 4.0 | 17.9 | 34.8 | -16.9 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 17

Channel Bandwidth: 5MHz

| MODE | | TX channel 23755 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -18.1 | 6.6 | 3.5 | 10.1 | 34.8 | -24.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 706.50 | -14.0 | 13.6 | 3.5 | 17.1 | 34.8 | -17.7 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -18.4 | 6.5 | 3.5 | 10.0 | 34.8 | -24.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -13.8 | 13.8 | 3.5 | 17.3 | 34.8 | -17.5 |

| MODE | | TX channel 23825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -18.6 | 6.4 | 3.5 | 9.9 | 34.8 | -24.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 713.50 | -14.2 | 13.5 | 3.5 | 17.0 | 34.8 | -17.8 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 23780 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -18.1 | 6.7 | 3.5 | 10.2 | 34.8 | -24.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 709.00 | -14.1 | 13.5 | 3.5 | 17.0 | 34.8 | -17.8 |

| MODE | | TX channel 23790 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -18.4 | 6.5 | 3.5 | 10.0 | 34.8 | -24.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 710.00 | -14.0 | 13.6 | 3.5 | 17.1 | 34.8 | -17.7 |

| MODE | | TX channel 23800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -18.7 | 6.3 | 3.5 | 9.8 | 34.8 | -25.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 711.00 | -14.3 | 13.3 | 3.5 | 16.8 | 34.8 | -18.0 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 38

Channel Bandwidth: 5MHz

| MODE | | TX channel 37775 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -18.9 | 23.1 | 0.2 | 23.3 | 33.0 | -9.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.50 | -26.3 | 17.4 | 0.2 | 17.6 | 33.0 | -15.4 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -18.7 | 23.5 | 0.2 | 23.7 | 33.0 | -9.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.4 | 17.4 | 0.2 | 17.6 | 33.0 | -15.4 |

| MODE | | TX channel 38225 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -19.4 | 23.0 | 0.2 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2617.50 | -26.9 | 16.9 | 0.2 | 17.1 | 33.0 | -15.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 37800 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -19.2 | 22.9 | 0.2 | 23.1 | 33.0 | -9.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2575.00 | -26.4 | 17.3 | 0.2 | 17.5 | 33.0 | -15.5 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.6 | 22.6 | 0.2 | 22.8 | 33.0 | -10.2 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.7 | 17.1 | 0.2 | 17.3 | 33.0 | -15.7 |

| MODE | | TX channel 38200 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -19.5 | 22.9 | 0.2 | 23.1 | 33.0 | -9.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2615.00 | -26.9 | 16.9 | 0.2 | 17.1 | 33.0 | -15.9 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 37825 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -19.1 | 23.0 | 0.2 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2577.50 | -26.4 | 17.3 | 0.2 | 17.5 | 33.0 | -15.5 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.3 | 22.9 | 0.2 | 23.1 | 33.0 | -9.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -26.7 | 17.1 | 0.2 | 17.3 | 33.0 | -15.7 |

| MODE | | TX channel 38175 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -19.2 | 23.2 | 0.2 | 23.4 | 33.0 | -9.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2612.50 | -26.4 | 17.4 | 0.2 | 17.6 | 33.0 | -15.4 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 37850 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -19.1 | 23.1 | 0.1 | 23.2 | 33.0 | -9.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2580.00 | -27.2 | 16.6 | 0.1 | 16.7 | 33.0 | -16.3 |

| MODE | | TX channel 38000 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.3 | 22.9 | 0.2 | 23.1 | 33.0 | -9.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -27.4 | 16.4 | 0.2 | 16.6 | 33.0 | -16.4 |

| MODE | | TX channel 38150 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -18.9 | 23.5 | 0.2 | 23.7 | 33.0 | -9.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2610.00 | -27.6 | 16.2 | 0.2 | 16.4 | 33.0 | -16.6 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 41

Channel Bandwidth: 5MHz

| MODE | | TX channel 40065 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -18.9 | 22.8 | 0.2 | 23.0 | 33.0 | -10.0 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2537.50 | -29.7 | 13.9 | 0.2 | 14.1 | 33.0 | -18.9 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.0 | 23.2 | 0.2 | 23.4 | 33.0 | -9.6 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -30.9 | 12.9 | 0.2 | 13.1 | 33.0 | -19.9 |

| MODE | | TX channel 41215 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -20.6 | 22.0 | 0.3 | 22.3 | 33.0 | -10.7 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2652.50 | -29.5 | 14.2 | 0.3 | 14.5 | 33.0 | -18.5 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 40090 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -18.2 | 23.6 | 0.2 | 23.8 | 33.0 | -9.2 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2540.00 | -29.3 | 14.3 | 0.2 | 14.5 | 33.0 | -18.5 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.7 | 22.5 | 0.2 | 22.7 | 33.0 | -10.3 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -30.3 | 13.5 | 0.2 | 13.7 | 33.0 | -19.3 |

| MODE | | TX channel 41190 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -19.4 | 23.2 | 0.3 | 23.5 | 33.0 | -9.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2650.00 | -29.8 | 13.9 | 0.3 | 14.2 | 33.0 | -18.8 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 40115 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -19.5 | 22.3 | 0.2 | 22.5 | 33.0 | -10.5 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2542.50 | -29.2 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.7 | 22.5 | 0.2 | 22.7 | 33.0 | -10.3 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -29.4 | 14.4 | 0.2 | 14.6 | 33.0 | -18.4 |

| MODE | | TX channel 41165 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -20.5 | 22.1 | 0.3 | 22.4 | 33.0 | -10.6 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2647.50 | -29.6 | 14.1 | 0.3 | 14.4 | 33.0 | -18.6 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 40140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -19.6 | 22.2 | 0.2 | 22.4 | 33.0 | -10.6 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2545.00 | -29.5 | 14.1 | 0.2 | 14.3 | 33.0 | -18.7 |

| MODE | | TX channel 40640 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -19.4 | 22.8 | 0.2 | 23.0 | 33.0 | -10.0 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2595.00 | -30.1 | 13.7 | 0.2 | 13.9 | 33.0 | -19.1 |

| MODE | | TX channel 41140 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -20.0 | 22.6 | 0.3 | 22.9 | 33.0 | -10.1 |
| Antenna Polarity & Test Distance: Vertical at 3 m | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 2645.00 | -29.8 | 13.9 | 0.3 | 14.2 | 33.0 | -18.8 |

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

LTE Band 66

Channel Bandwidth: 1.4MHz

| MODE | | TX channel 131979 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -13.2 | 24.8 | 0.7 | 25.5 | 30.0 | -4.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1710.70 | -21.5 | 16.3 | 0.7 | 17.0 | 30.0 | -13.0 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.8 | 25.9 | 0.5 | 26.4 | 30.0 | -3.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.4 | 17.3 | 0.5 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 132665 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -11.6 | 27.6 | 0.4 | 28.0 | 30.0 | -2.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1779.30 | -20.4 | 19.1 | 0.4 | 19.5 | 30.0 | -10.5 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 3MHz

| MODE | | TX channel 131987 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -12.6 | 25.4 | 0.7 | 26.1 | 30.0 | -3.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1711.50 | -21.0 | 16.8 | 0.7 | 17.5 | 30.0 | -12.5 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.5 | 26.2 | 0.5 | 26.7 | 30.0 | -3.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.8 | 17.9 | 0.5 | 18.4 | 30.0 | -11.6 |

| MODE | | TX channel 132657 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -11.3 | 27.9 | 0.4 | 28.3 | 30.0 | -1.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1778.50 | -19.7 | 19.8 | 0.4 | 20.2 | 30.0 | -9.8 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 5MHz

| MODE | | TX channel 131997 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -12.7 | 25.4 | 0.7 | 26.1 | 30.0 | -3.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1712.50 | -20.9 | 17.0 | 0.7 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.8 | 25.9 | 0.5 | 26.4 | 30.0 | -3.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.5 | 17.2 | 0.5 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 132647 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -11.4 | 27.8 | 0.4 | 28.2 | 30.0 | -1.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1777.50 | -19.8 | 19.6 | 0.4 | 20.0 | 30.0 | -10.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 10MHz

| MODE | | TX channel 132022 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -12.6 | 25.5 | 0.7 | 26.2 | 30.0 | -3.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1715.00 | -21.0 | 16.9 | 0.7 | 17.6 | 30.0 | -12.4 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.8 | 25.9 | 0.5 | 26.4 | 30.0 | -3.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.1 | 17.6 | 0.5 | 18.1 | 30.0 | -11.9 |

| MODE | | TX channel 132622 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -11.4 | 27.8 | 0.4 | 28.2 | 30.0 | -1.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1775.00 | -20.2 | 19.2 | 0.4 | 19.6 | 30.0 | -10.4 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 15MHz

| MODE | | TX channel 132047 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -12.7 | 25.4 | 0.7 | 26.1 | 30.0 | -3.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1717.50 | -21.2 | 16.8 | 0.7 | 17.5 | 30.0 | -12.5 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -12.7 | 26.0 | 0.5 | 26.5 | 30.0 | -3.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -20.8 | 17.9 | 0.5 | 18.4 | 30.0 | -11.6 |

| MODE | | TX channel 132597 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -11.4 | 27.8 | 0.4 | 28.2 | 30.0 | -1.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1772.50 | -19.7 | 19.6 | 0.4 | 20.0 | 30.0 | -10.0 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Channel Bandwidth: 20MHz

| MODE | | TX channel 132072 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -12.8 | 25.4 | 0.7 | 26.1 | 30.0 | -3.9 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1720.00 | -20.9 | 17.1 | 0.7 | 17.8 | 30.0 | -12.2 |

| MODE | | TX channel 132322 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -13.0 | 25.7 | 0.5 | 26.2 | 30.0 | -3.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1745.00 | -21.5 | 17.2 | 0.5 | 17.7 | 30.0 | -12.3 |

| MODE | | TX channel 132572 | | | | | |
|---|---|---|---|---|---|---|---|
| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -11.9 | 27.1 | 0.5 | 27.6 | 30.0 | -2.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1770.00 | -19.9 | 19.3 | 0.5 | 19.8 | 30.0 | -10.2 |

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

## 4.2 Modulation Characteristics Measurement

### 4.2.1 Limits of Modulation Characteristics

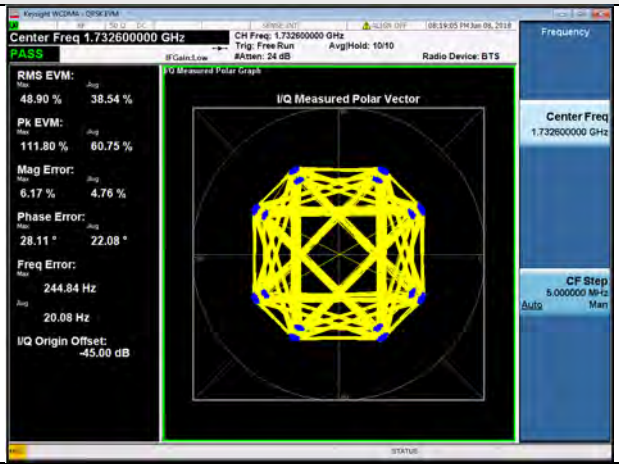
N/A

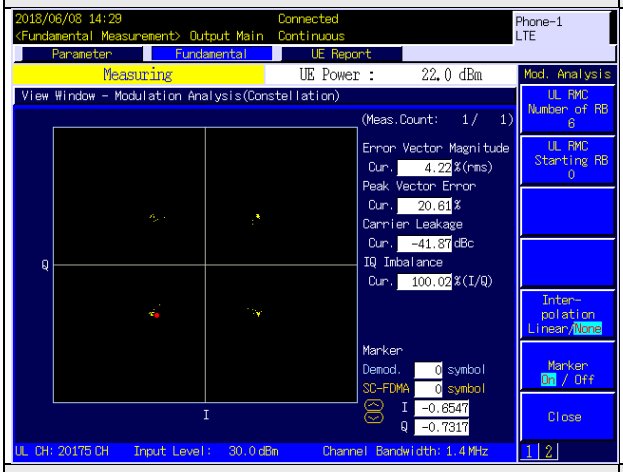
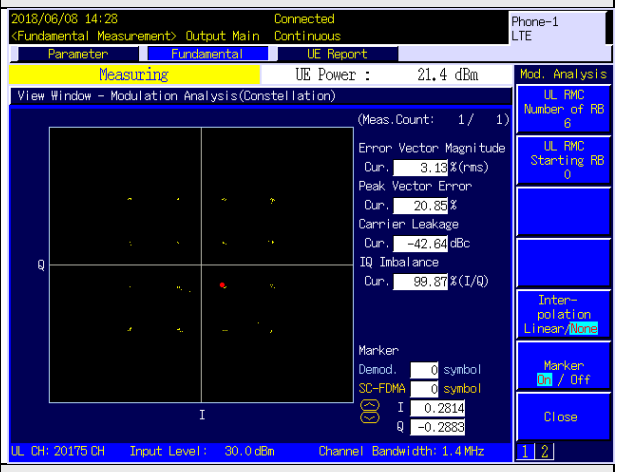
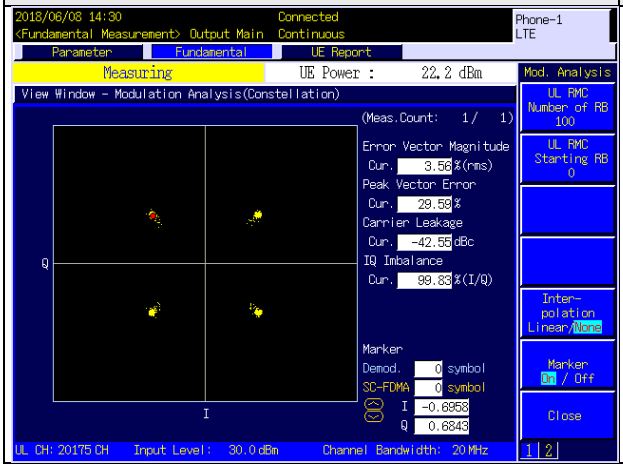
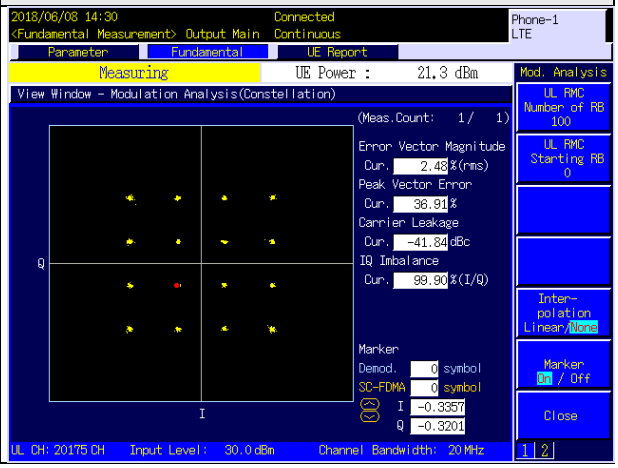
### 4.2.2 Test Procedure

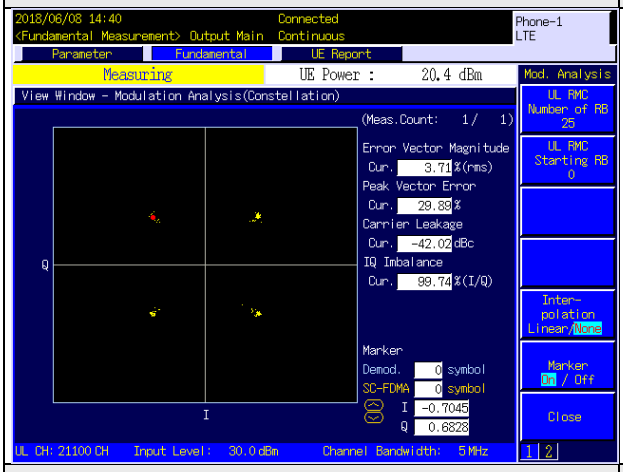
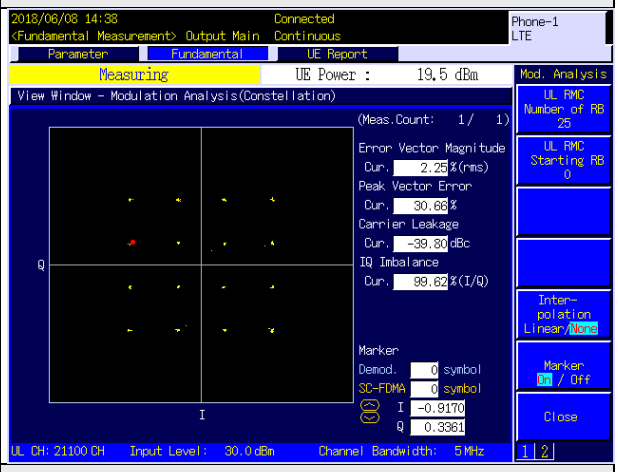
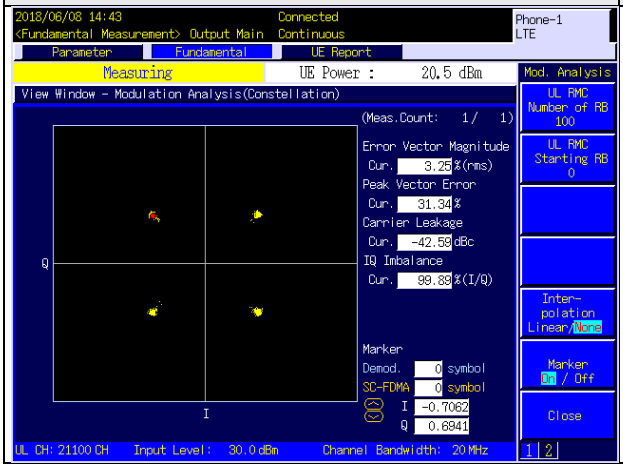
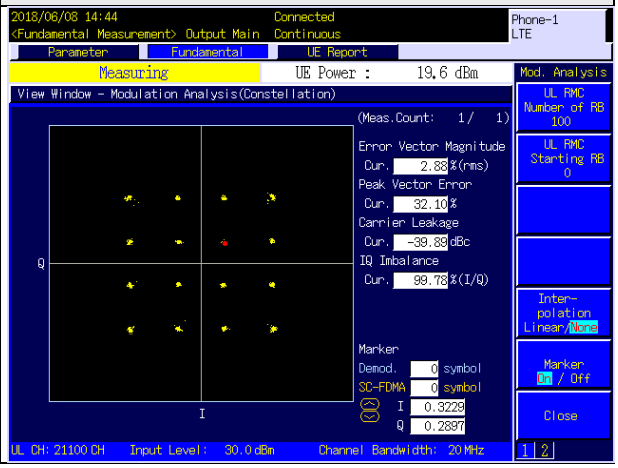
Connect the EUT to Communication Simulator via the antenna connector, the frequency band is set as EUT supported Modulation and Channels, the EUT output is matched with 50 ohm load, the waveform quality and constellation of the EUT was tested.

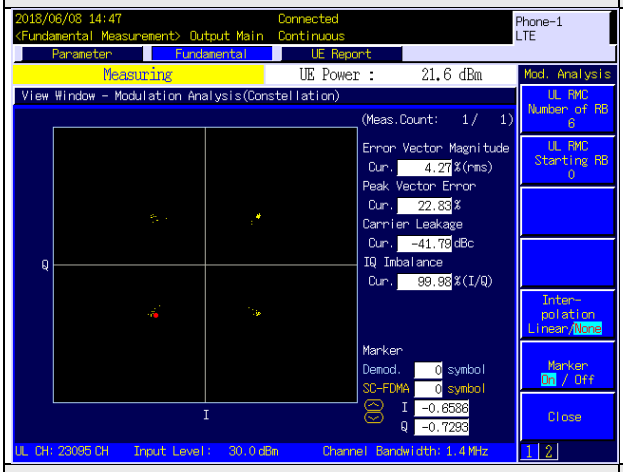
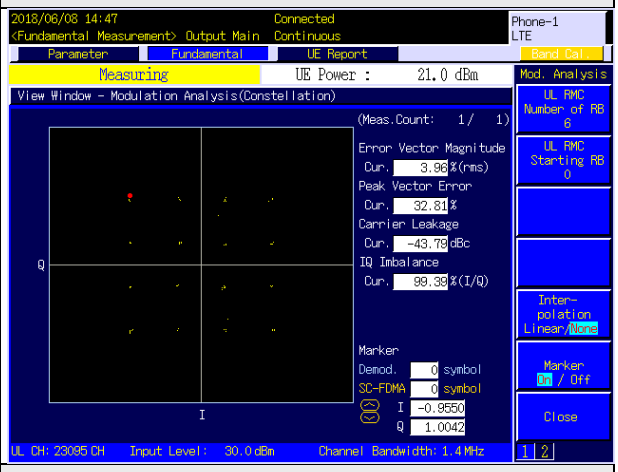
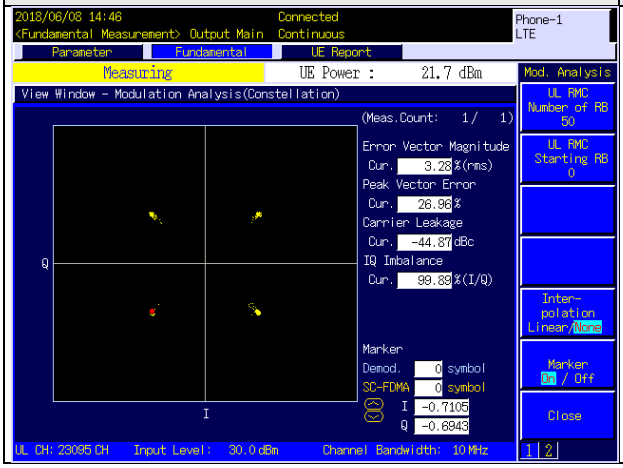
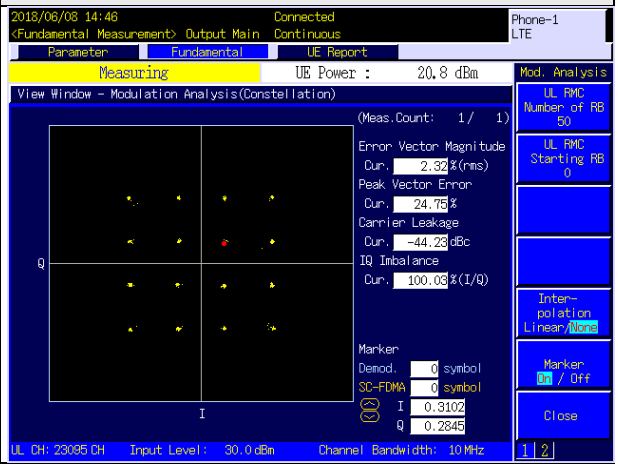
### 4.2.3 Test Setup

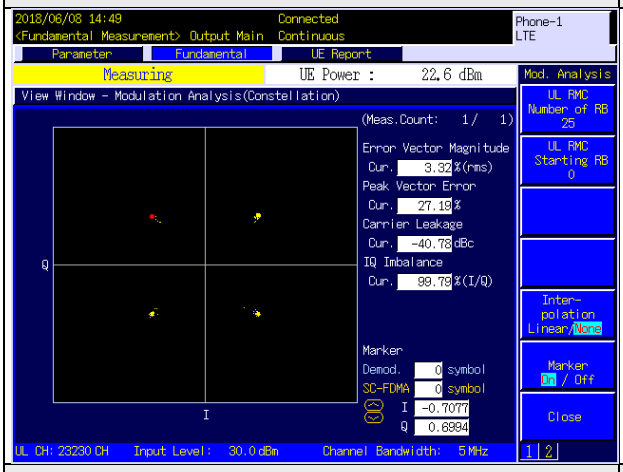
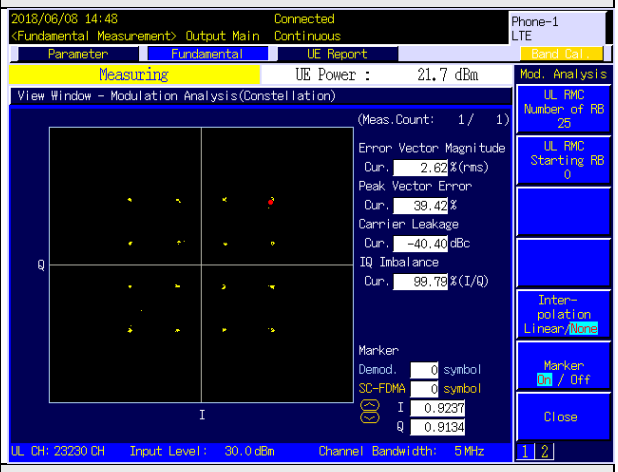
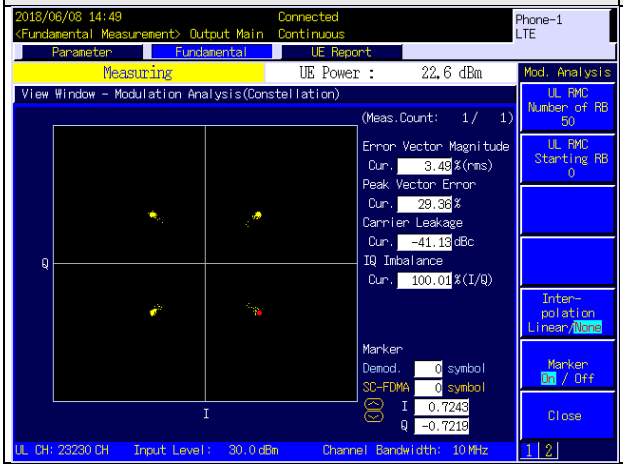
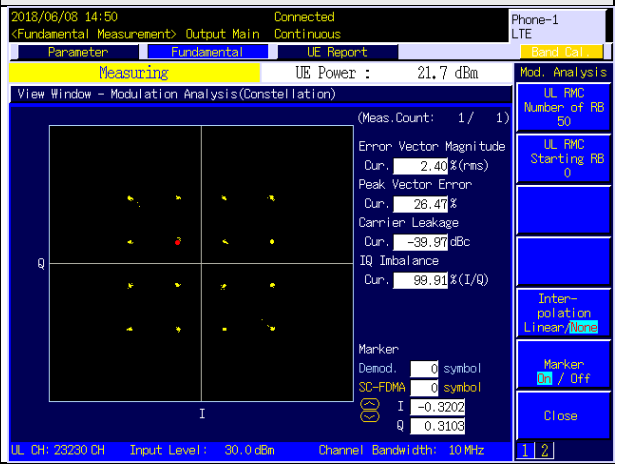
4.2.4 Test Results

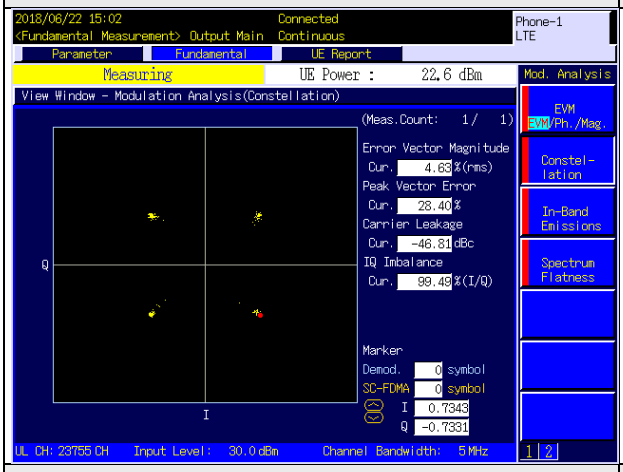
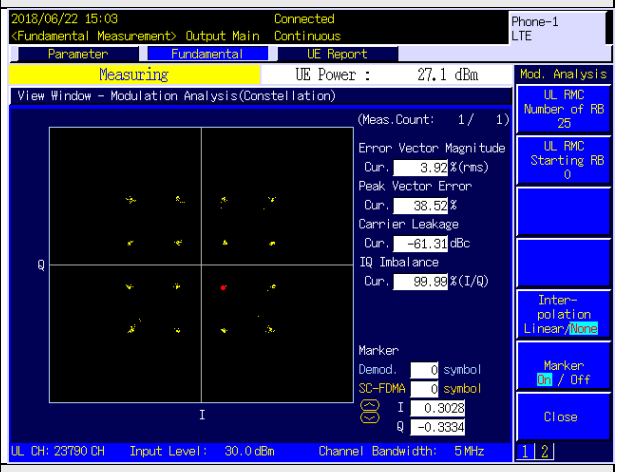
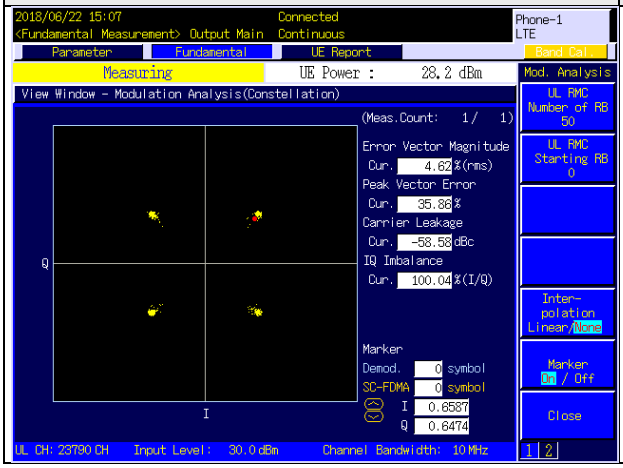
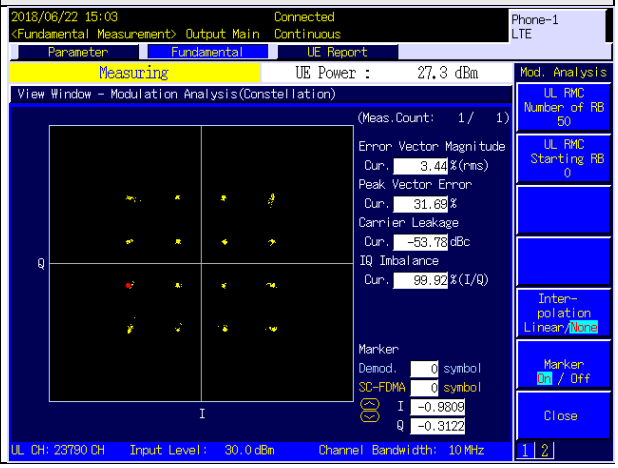
| Spectrum Plot of Measurement Value |
|---|
| Channel: 1413 / Frequency (MHz): 1732.6MHz |
| WCDMA |
|  |

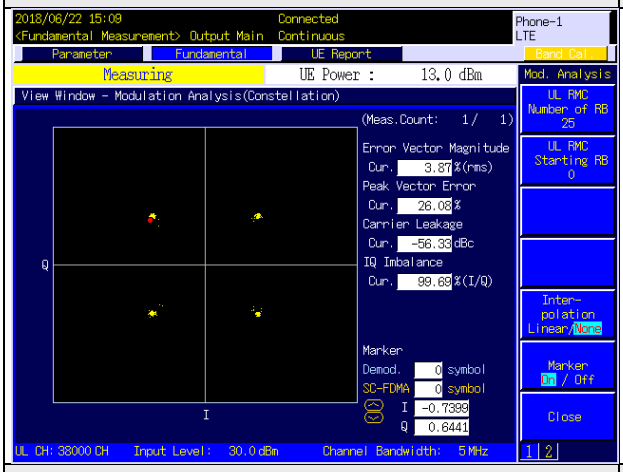
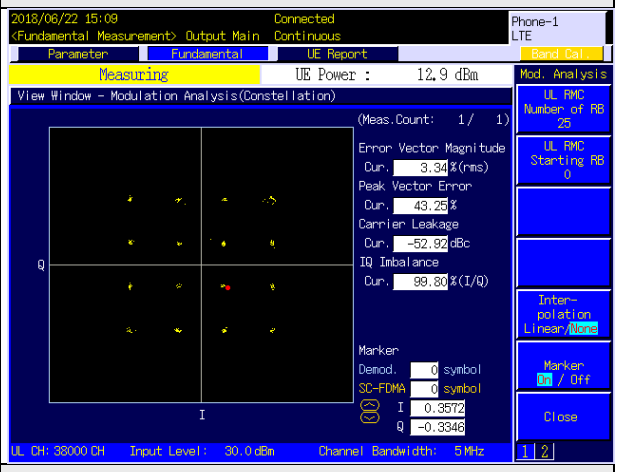
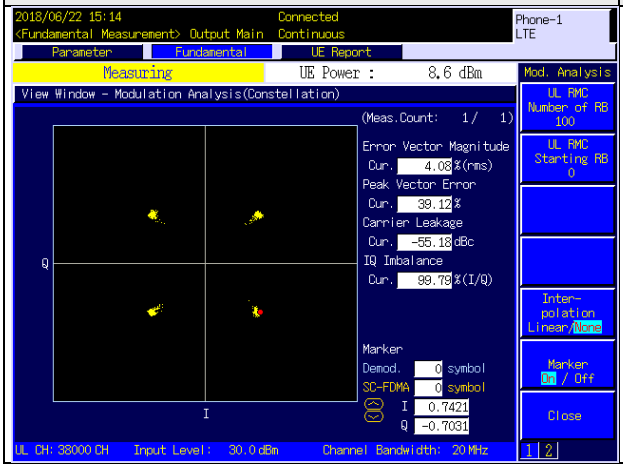
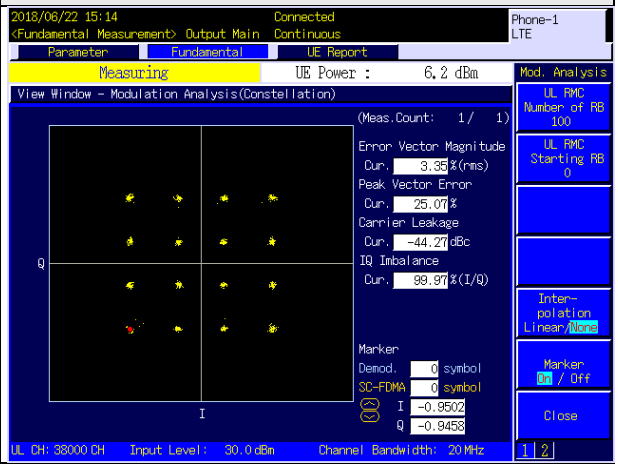
| LTE Band 4 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 20175 / Frequency (MHz): 1732.5MHz | |
| Channel Bandwidth: 1.4MHz / QPSK | Channel Bandwidth: 1.4MHz / 16QAM |
|  |  |
| Channel Bandwidth: 20MHz / QPSK | Channel Bandwidth: 20MHz / 16QAM |
|  |  |

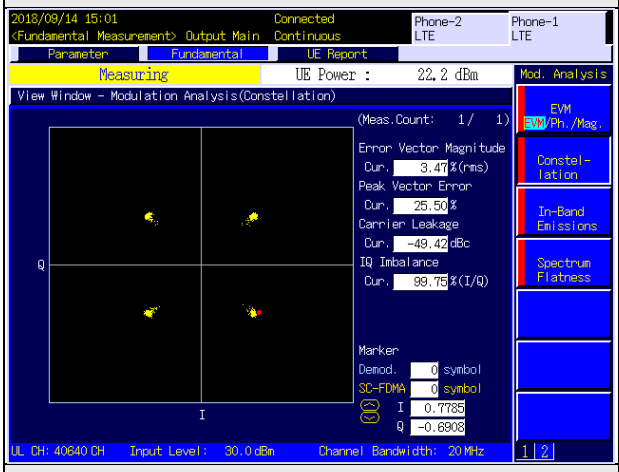
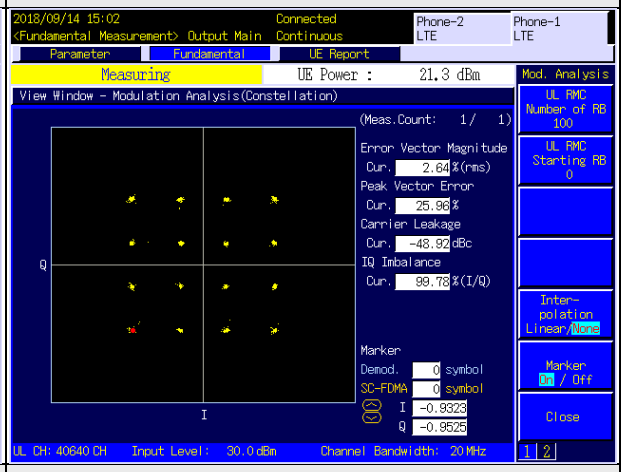
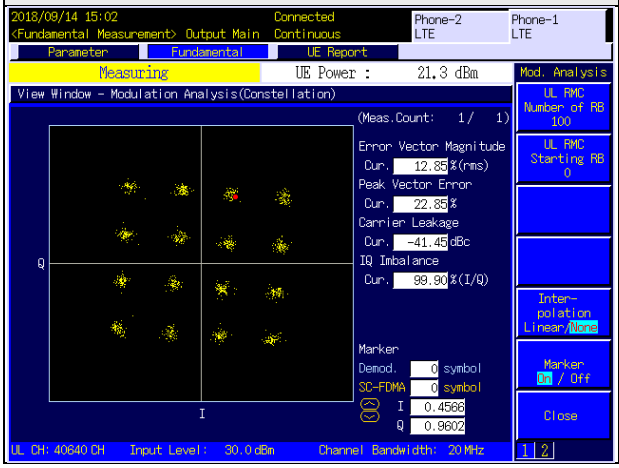
| LTE Band 7 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 21100 / Frequency (MHz): 2535 MHz | |
| Channel Bandwidth: 5MHz / QPSK | Channel Bandwidth: 5MHz / 16QAM |
|  |  |
| Channel Bandwidth: 20MHz / QPSK | Channel Bandwidth: 20MHz / 16QAM |
|  |  |

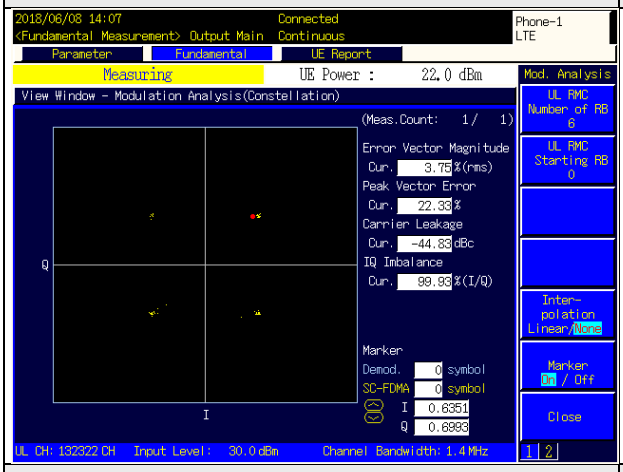
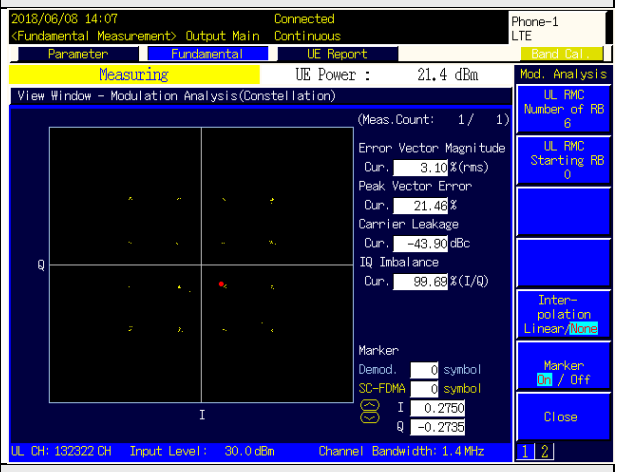
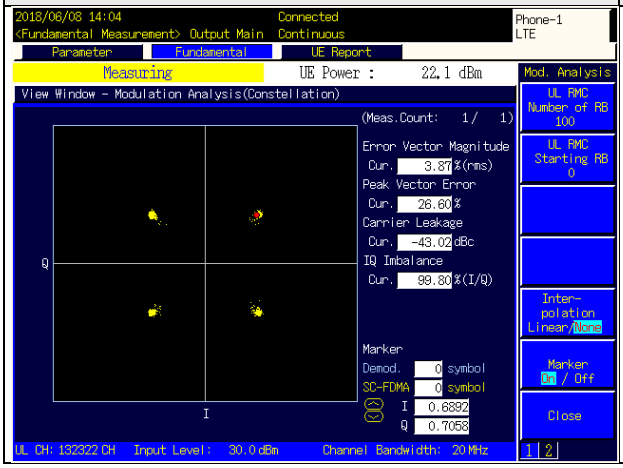
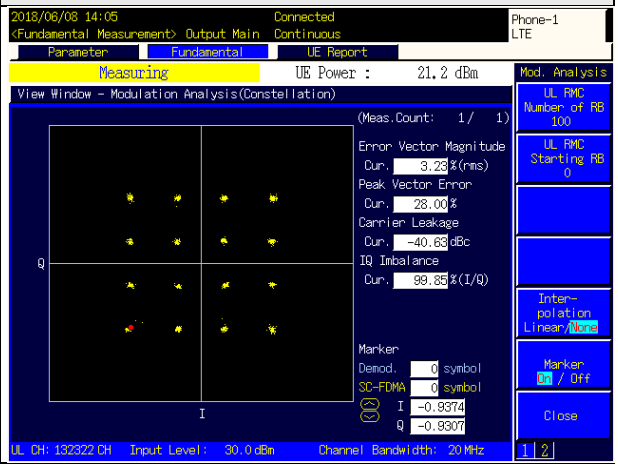
| LTE Band 12 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 23095 / Frequency (MHz): 707.5 MHz | |
| Channel Bandwidth: 1.4MHz / QPSK | Channel Bandwidth: 1.4MHz / 16QAM |
|  |  |
| Channel Bandwidth: 10MHz / QPSK | Channel Bandwidth: 10MHz / 16QAM |
|  |  |

| LTE Band 13 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 23230 / Frequency (MHz): 782.0MHz | |
| Channel Bandwidth: 5MHz / QPSK | Channel Bandwidth: 5MHz / 16QAM |
|  |  |
| Channel Bandwidth: 10MHz / QPSK | Channel Bandwidth: 10MHz / 16QAM |
|  |  |

| LTE Band 17 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 23790 / Frequency (MHz): 710.0MHz | |
| Channel Bandwidth: 5MHz / QPSK | Channel Bandwidth: 5MHz / 16QAM |
|  |  |
| Channel Bandwidth: 10MHz / QPSK | Channel Bandwidth: 10MHz / 16QAM |
|  |  |

| LTE Band 38 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 38000 / Frequency (MHz): 2595.0 MHz | |
| Channel Bandwidth: 5MHz / QPSK | Channel Bandwidth: 5MHz / 16QAM |
|  |  |
| Channel Bandwidth: 20MHz / QPSK | Channel Bandwidth: 20MHz / 16QAM |
|  |  |

| LTE Band 41 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 40640 / Frequency (MHz): 2595.0 MHz | |
| Channel Bandwidth: 20MHz / QPSK | Channel Bandwidth: 20MHz / 16QAM |
|  |  |
| Channel Bandwidth: 20MHz / 64QAM | |
|  | |

| LTE Band 66 | |
|---|---|
| Spectrum Plot of Measurement Value | |
| Channel: 132322 / Frequency (MHz): 1745 MHz | |
| Channel Bandwidth: 1.4MHz / QPSK | Channel Bandwidth: 1.4MHz / 16QAM |
|  |  |
| Channel Bandwidth: 20MHz / QPSK | Channel Bandwidth: 20MHz / 16QAM |
|  |  |

### 4.3 Frequency Stability Measurement

#### 4.3.1 Limits of Frequency Stability Measurement

According to the FCC part 2.1055 shall be tested the frequency stability. The rule is defined that" The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block." The test extreme voltage is according to the 2.1055(d)(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment and the extreme temperature rule is comply with specification of EUT -30℃ ~ 50℃.

#### 4.3.2 Test Procedure

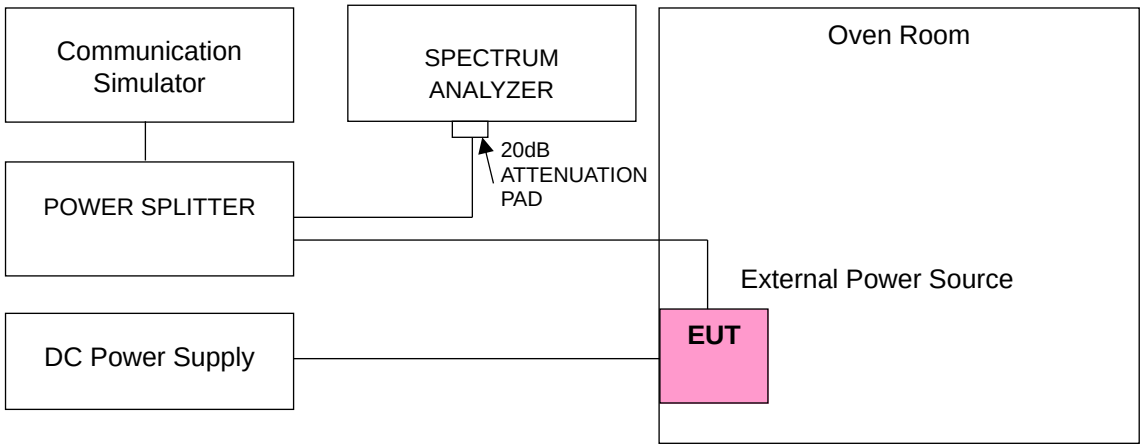
a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.

b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.

c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ±0.5 ℃ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

Note: The frequency error was recorded frequency error from the communication simulator.

#### 4.3.3 Test Setup



### 4.3.4 Test Results

Frequency Error vs. Voltage

| Voltage (Volts) | Frequency Error (ppm) | | | | | Limit (ppm) |
|---|---|---|---|---|---|---|
| | WCDMA Band 4 | LTE Band 4 | LTE Band 7 | LTE Band 12 | LTE Band 13 | |
| 4.3 | 0.05453 | 0.06932 | 0.07910 | 0.04714 | 0.05391 | 2.5 |
| 3.8 | 0.05236 | 0.01617 | 0.13322 | 0.03761 | 0.02806 | 2.5 |
| 3.6 | 0.06853 | 0.06472 | 0.13248 | 0.02860 | 0.04229 | 2.5 |

Note: The applicant defined the normal working voltage is from 3.8Vdc to 4.3Vdc.

Frequency Error vs. Temperature

| Voltage (Volts) | Frequency Error (ppm) | | | | | Limit (ppm) |
|---|---|---|---|---|---|---|
| | WCDMA Band 4 | LTE Band 4 | LTE Band 7 | LTE Band 12 | LTE Band 13 | |
| 50 | 0.02370 | 0.10858 | 0.11820 | 0.05057 | 0.00964 | 2.5 |
| 40 | 0.01688 | 0.06961 | 0.13080 | 0.00594 | 0.04408 | 2.5 |
| 30 | 0.00610 | 0.08438 | 0.14277 | 0.03227 | 0.00731 | 2.5 |
| 20 | 0.05160 | 0.04057 | 0.11911 | 0.03761 | 0.02806 | 2.5 |
| 10 | 0.00477 | 0.12382 | 0.10790 | 0.03433 | 0.04215 | 2.5 |
| 0 | 0.10021 | 0.06215 | 0.10527 | 0.00377 | 0.05153 | 2.5 |
| -10 | 0.14235 | 0.01739 | 0.17628 | 0.01444 | 0.02758 | 2.5 |
| -20 | 0.13326 | 0.00459 | 0.00426 | 0.04206 | 0.05282 | 2.5 |
| -30 | 0.01949 | 0.04674 | 0.06986 | 0.01545 | 0.04674 | 2.5 |

Frequency Error vs. Voltage

| Voltage (Volts) | Frequency Error (ppm) | | | | Limit (ppm) |
|---|---|---|---|---|---|
| | LTE Band 17 | LTE Band 38 | LTE Band 41 | LTE Band 66 | |
| 4.3 | 0.02898 | 0.04140 | 0.08642 | 0.11719 | 2.5 |
| 3.8 | 0.05436 | 0.00543 | 0.06582 | 0.05653 | 2.5 |
| 3.6 | 0.05412 | 0.03784 | 0.15617 | 0.04145 | 2.5 |

Note: The applicant defined the normal working voltage is from 3.8Vdc to 4.3Vdc.

Frequency Error vs. Temperature

| Voltage (Volts) | Frequency Error (ppm) | | | | Limit (ppm) |
|---|---|---|---|---|---|
| | LTE Band 17 | LTE Band 38 | LTE Band 41 | LTE Band 66 | |
| 50 | 0.06225 | 0.07372 | 0.13584 | 0.07160 | 2.5 |
| 40 | 0.05668 | 0.02327 | 0.18456 | 0.00805 | 2.5 |
| 30 | 0.00379 | 0.02221 | 0.04842 | 0.09023 | 2.5 |
| 20 | 0.05436 | 0.00543 | 0.09498 | 0.05653 | 2.5 |
| 10 | 0.06712 | 0.07733 | 0.13595 | 0.09949 | 2.5 |
| 0 | 0.05925 | 0.02467 | 0.02495 | 0.11935 | 2.5 |
| -10 | 0.02139 | 0.06103 | 0.11484 | 0.00553 | 2.5 |
| -20 | 0.08165 | 0.09012 | 0.12485 | 0.09445 | 2.5 |

## 4.4 Emission Bandwidth Measurement

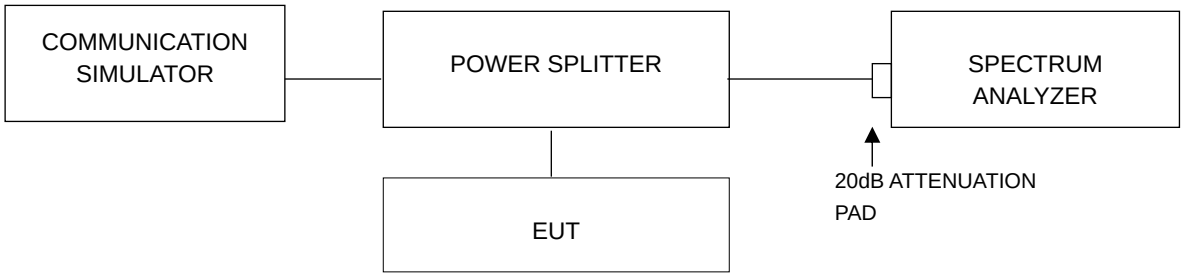
### 4.4.1 Limits of Emission Bandwidth Measurement

According to FCC 27.53(m)(6) specified that emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26dB below the transmitter power.

### 4.4.2 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW = 30kHz and VBW = 100kHz (Channel Bandwidth: 1.4MHz), RBW = 51kHz and VBW = 150kHz (Channel Bandwidth: 3MHz and 5MHz), RBW = 100kHz and VBW = 300kHz (Channel Bandwidth: 10MHz), RBW = 200kHz and VBW = 620kHz (Channel Bandwidth: 15MHz) and RBW = 430kHz and VBW = 1.2MHz (Channel Bandwidth: 20MHz). The 26dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 26dB.

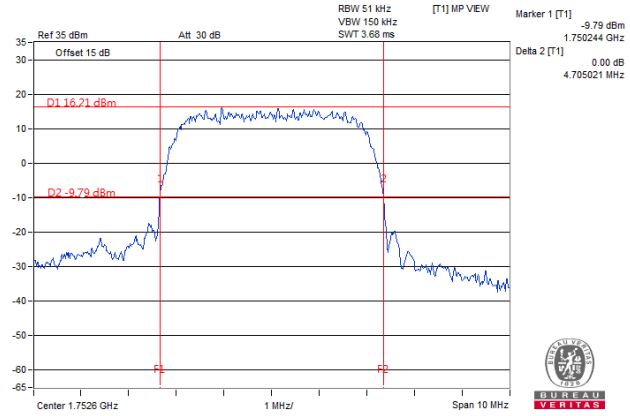
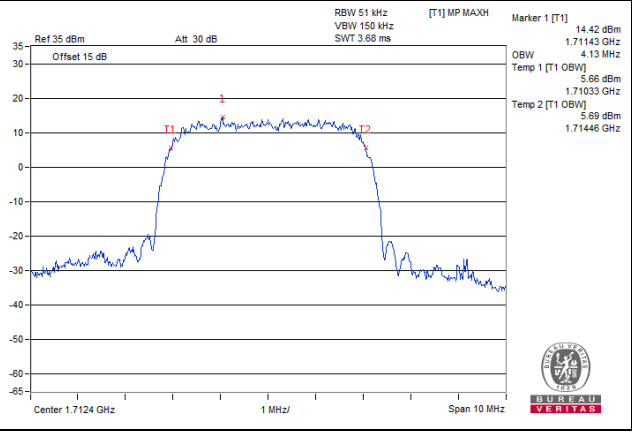
### 4.4.3 Test Setup



### 4.4.4 Test Result

WCDMA Band 4

| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | Occupied Bandwidth (MHz) |
|---|---|---|---|
| | | WCDMA | WCDMA |
| 1312 | 1712.4 | 4.68 | 4.13 |
| 1413 | 1732.6 | 4.66 | 4.13 |
| 1513 | 1752.6 | 4.71 | 4.13 |

| Spectrum Plot of Worst Value | |
|---|---|
| 26dBc Bandwidth | Occupied Bandwidth |
|  |  |

LTE Band 4

| Channel Bandwidth: 1.4MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 19957 | 1710.7 | 1.235 | 1.247 | 1.233 | 1.09 | 1.09 | 1.09 |
| 20175 | 1732.5 | 1.233 | 1.229 | 1.242 | 1.09 | 1.08 | 1.09 |
| 20393 | 1754.3 | 1.233 | 1.231 | 1.220 | 1.09 | 1.09 | 1.09 |

| Channel Bandwidth: 3MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 19965 | 1711.5 | 2.971 | 2.966 | 2.987 | 2.69 | 2.69 | 2.68 |
| 20175 | 1732.5 | 2.995 | 2.974 | 2.947 | 2.69 | 2.69 | 2.68 |
| 20385 | 1753.5 | 2.976 | 2.969 | 2.965 | 2.68 | 2.68 | 2.67 |

| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 19975 | 1712.5 | 4.917 | 4.900 | 4.848 | 4.45 | 4.46 | 4.46 |
| 20175 | 1732.5 | 4.910 | 4.894 | 4.884 | 4.45 | 4.45 | 4.48 |
| 20375 | 1752.5 | 4.889 | 4.886 | 4.849 | 4.48 | 4.46 | 4.48 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20000 | 1715.0 | 9.669 | 9.701 | 9.569 | 8.93 | 8.96 | 8.93 |
| 20175 | 1732.5 | 9.625 | 9.563 | 9.601 | 8.90 | 8.93 | 8.90 |
| 20350 | 1750.0 | 9.658 | 9.591 | 9.665 | 8.93 | 8.93 | 8.93 |

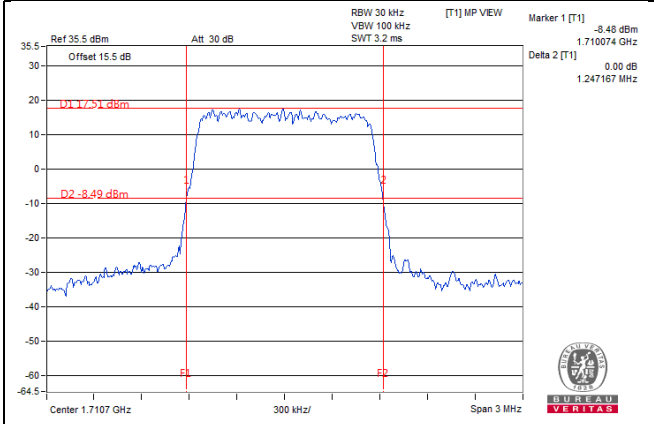
| Channel Bandwidth: 15MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20025 | 1717.5 | 14.565 | 14.489 | 14.478 | 13.36 | 13.36 | 13.36 |
| 20175 | 1732.5 | 14.555 | 14.401 | 14.446 | 13.40 | 13.36 | 13.40 |
| 20325 | 1747.5 | 14.508 | 14.529 | 14.560 | 13.43 | 13.40 | 13.40 |

| Channel Bandwidth: 20MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20050 | 1720.0 | 19.579 | 19.544 | 19.455 | 17.93 | 17.86 | 17.86 |
| 20175 | 1732.5 | 19.380 | 19.491 | 19.456 | 17.86 | 17.86 | 17.86 |
| 20300 | 1745.0 | 19.562 | 19.540 | 19.516 | 17.93 | 17.93 | 17.93 |

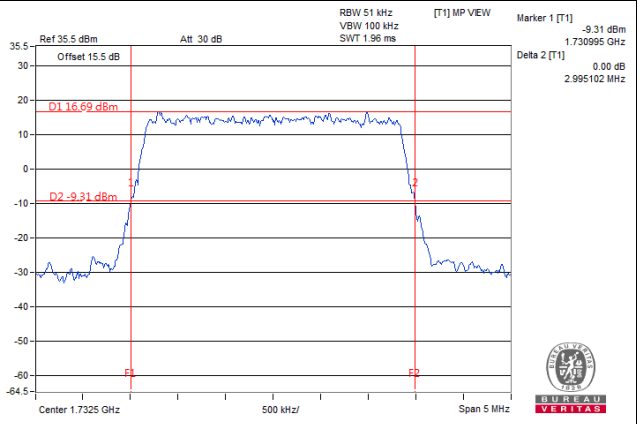
26dBc Bandwidth

Spectrum Plot of Worst Value

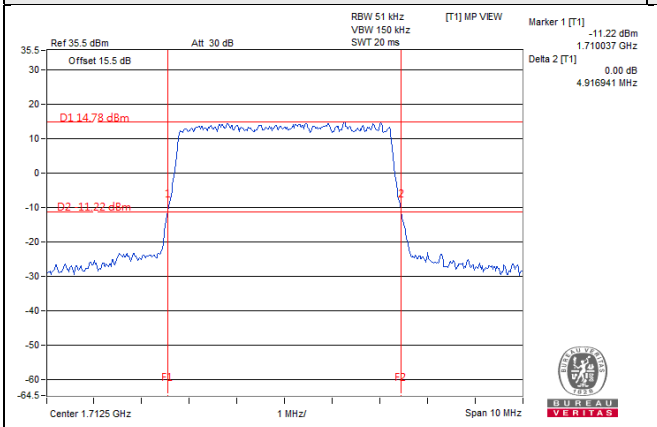
1.4MHz / 16QAM



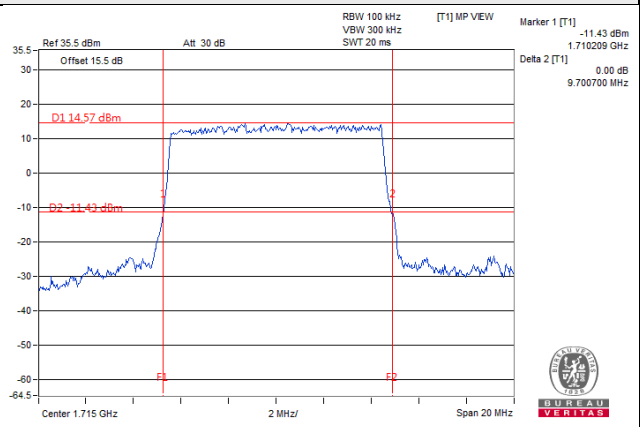

3MHz / QPSK



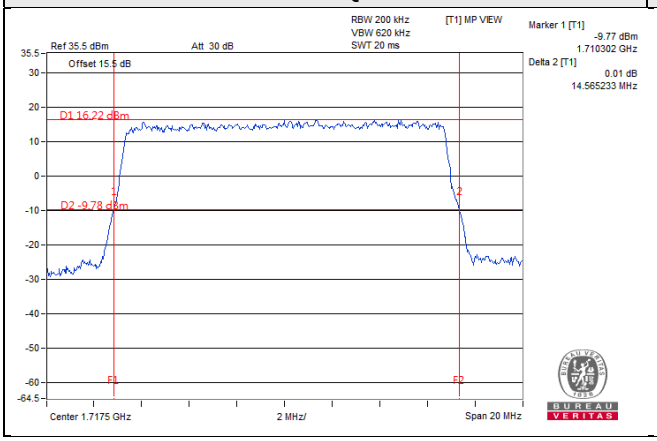

5MHz / QPSK



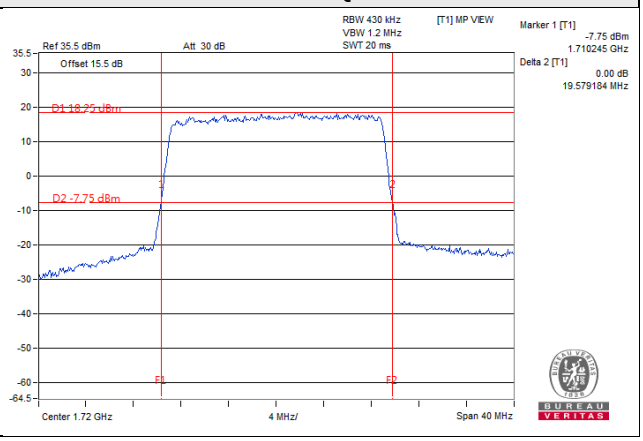

10MHz / 16QAM




15MHz / QPSK



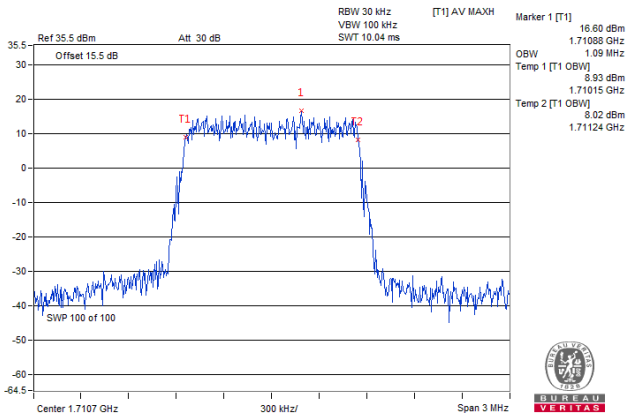

20MHz / QPSK



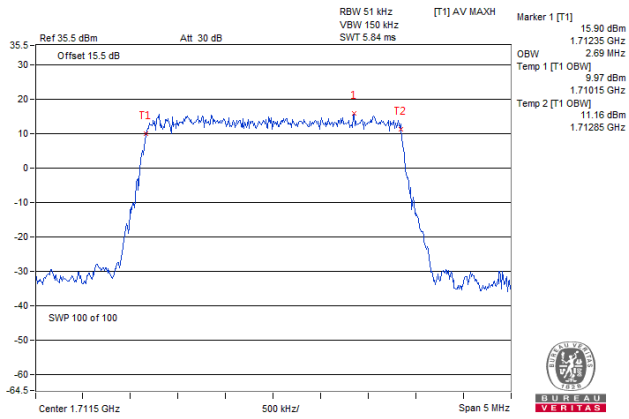
## Occupied Bandwidth

### Spectrum Plot of Worst Value

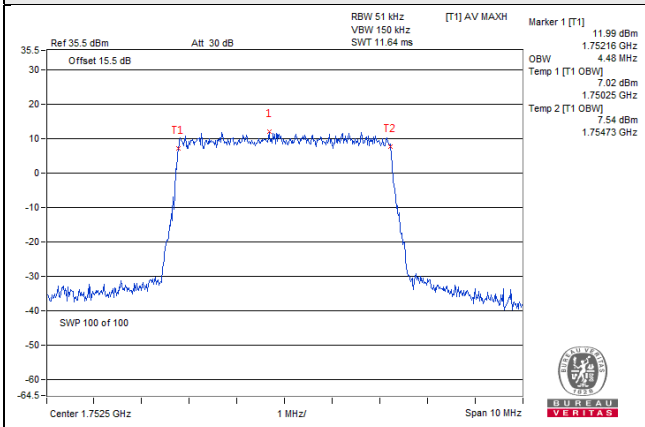
#### 1.4MHz / 16QAM



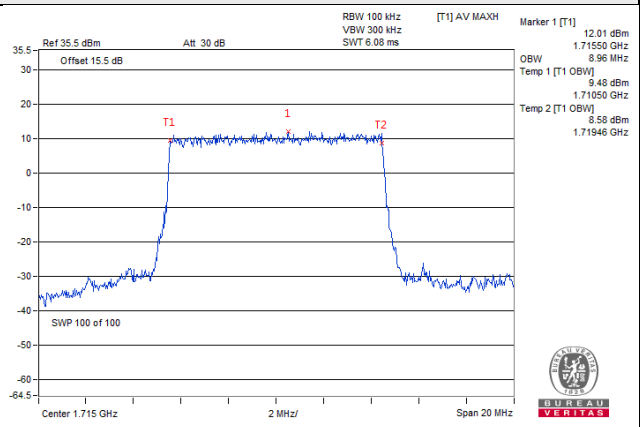

#### 3MHz / QPSK



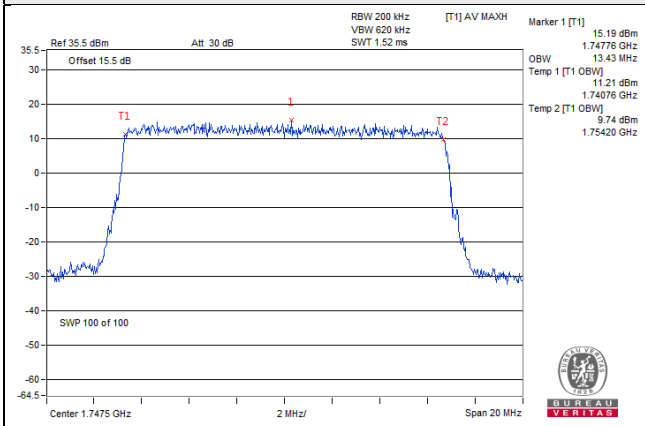

#### 5MHz / QPSK



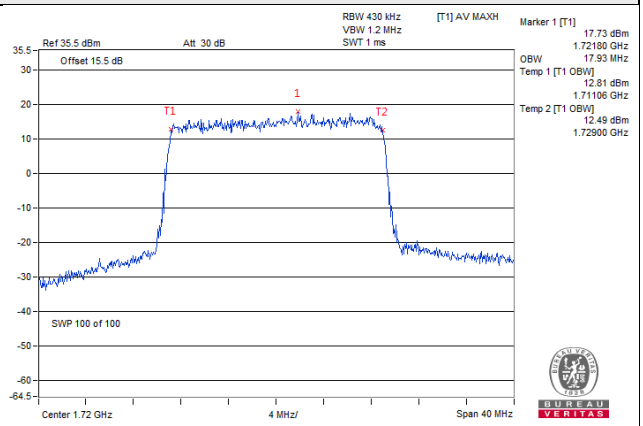

#### 10MHz / 16QAM




#### 15MHz / QPSK




#### 20MHz / QPSK



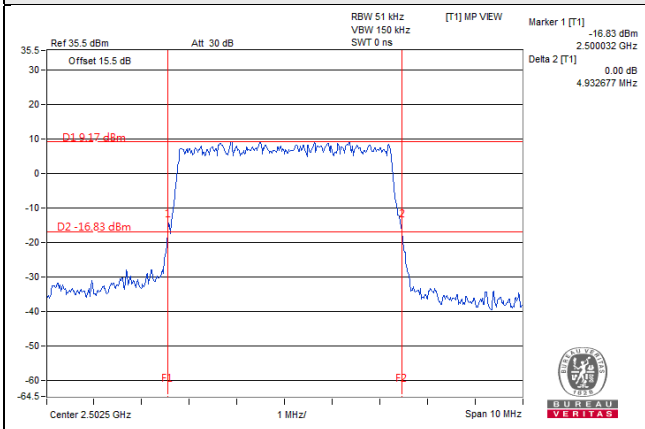
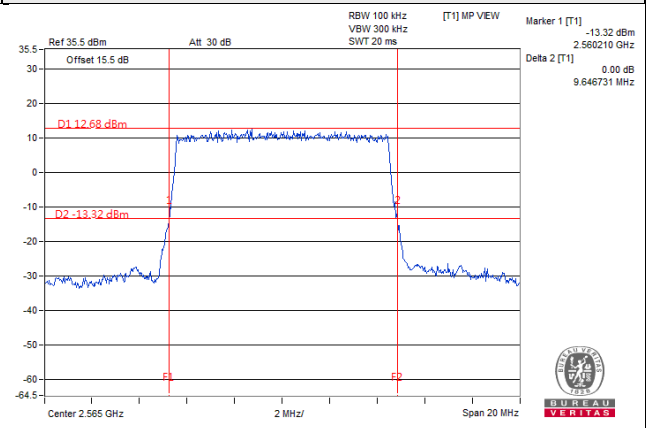
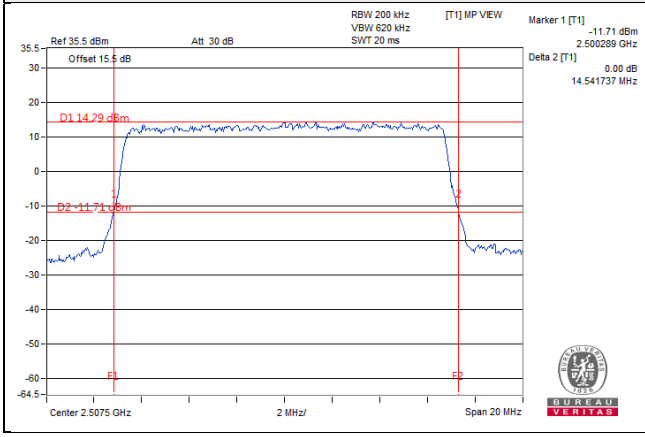
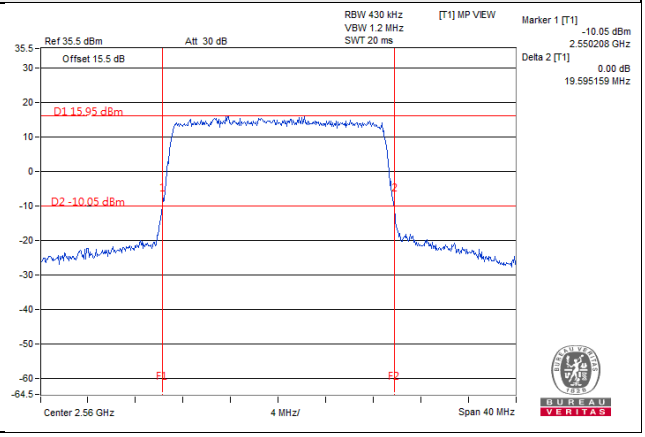
LTE Band 7

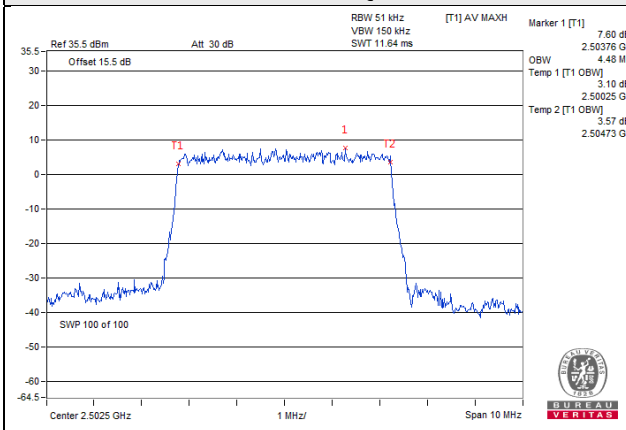
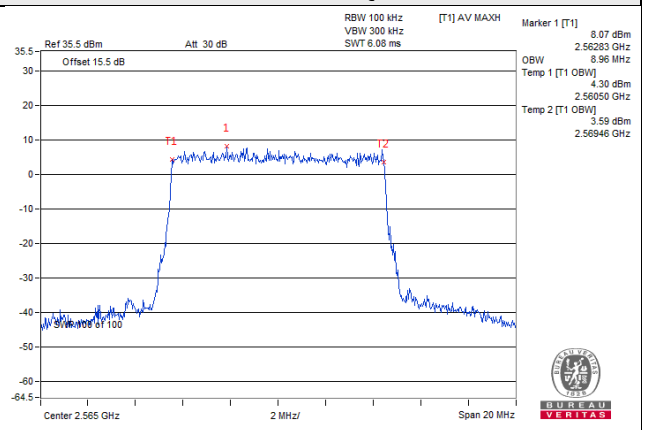
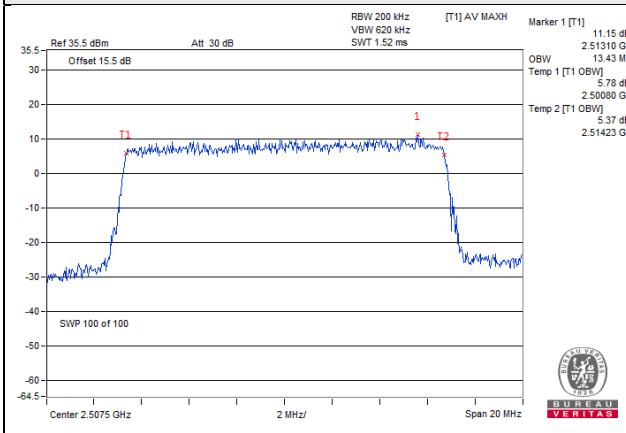
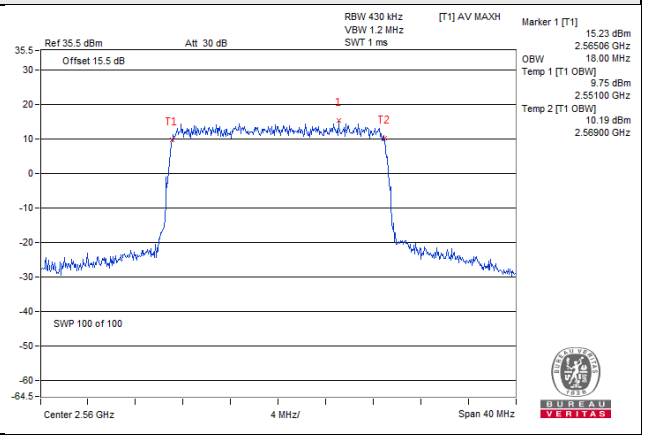
| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20775 | 2502.5 | 4.869 | 4.916 | 4.933 | 4.48 | 4.48 | 4.48 |
| 21100 | 2535.0 | 4.896 | 4.895 | 4.877 | 4.48 | 4.48 | 4.48 |
| 21425 | 2567.5 | 4.891 | 4.911 | 4.855 | 4.48 | 4.48 | 4.48 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20800 | 2505.0 | 9.575 | 9.578 | 9.604 | 8.93 | 8.93 | 8.93 |
| 21100 | 2535.0 | 9.597 | 9.620 | 9.623 | 8.90 | 8.93 | 8.90 |
| 21400 | 2565.0 | 9.590 | 9.647 | 9.598 | 8.96 | 8.93 | 8.96 |

| Channel Bandwidth: 15MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20825 | 2507.5 | 14.542 | 14.504 | 14.398 | 13.40 | 13.40 | 13.43 |
| 21100 | 2535.0 | 14.507 | 14.487 | 14.481 | 13.40 | 13.40 | 13.36 |
| 21375 | 2562.5 | 14.471 | 14.536 | 14.443 | 13.40 | 13.40 | 13.40 |

| Channel Bandwidth: 20MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20850 | 2510.0 | 19.547 | 19.502 | 19.505 | 17.93 | 17.93 | 17.93 |
| 21100 | 2535.0 | 19.477 | 19.508 | 19.583 | 17.93 | 17.93 | 17.93 |
| 21350 | 2560.0 | 19.595 | 19.545 | 19.569 | 18.00 | 17.86 | 17.86 |

| 26dBc Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 64QAM | 10MHz / 16QAM |
|  |  |
| 15MHz / QPSK | 20MHz / QPSK |
|  |  |

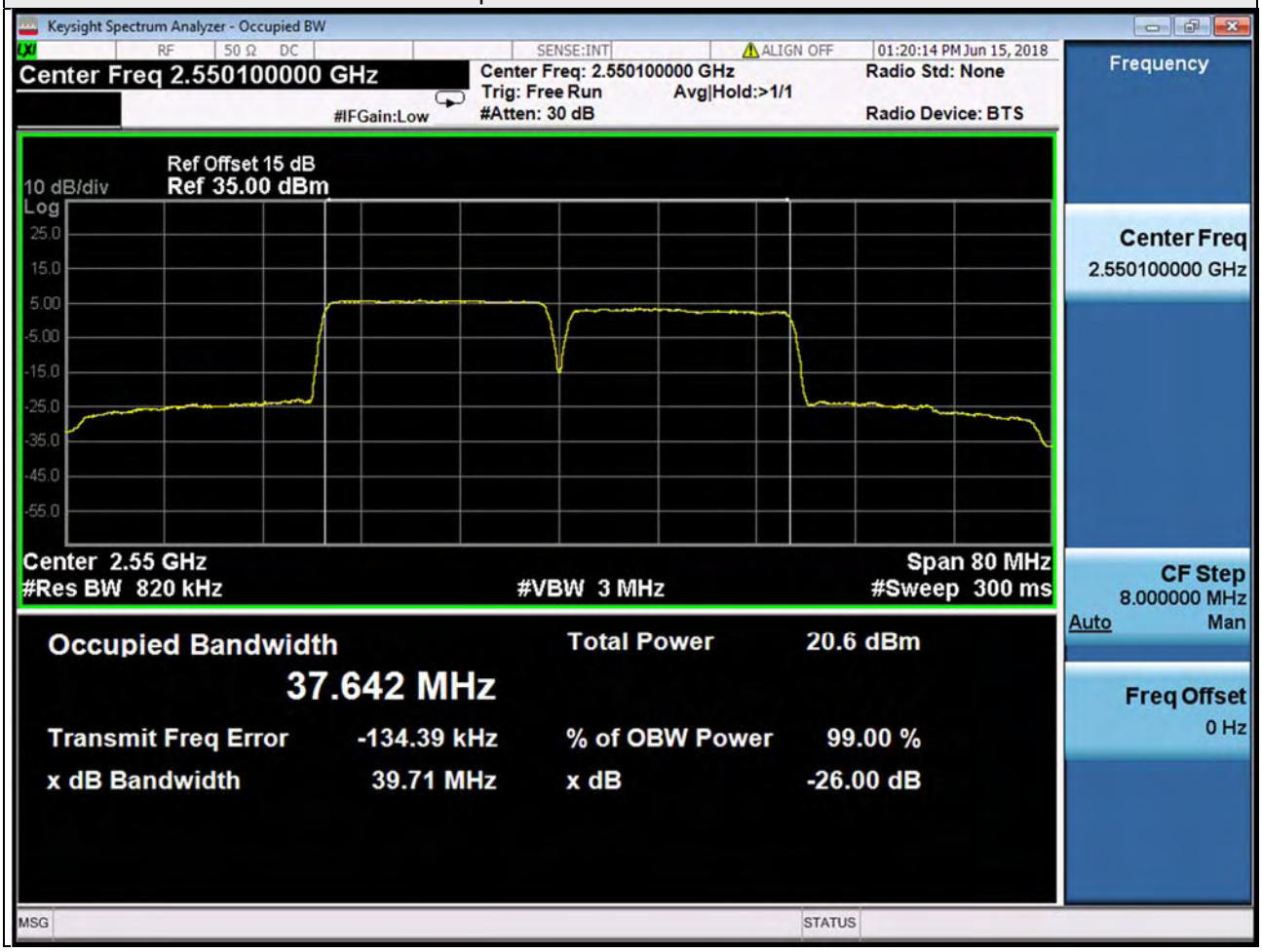
| Occupied Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 64QAM | 10MHz / 64QAM |
|  |  |
| 15MHz / 64QAM | 20MHz / QPSK |
|  |  |

LTE Band 7

CA Mode

| Channel Bandwidth: 20MHz+20MHz | | | |
|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| | | QPSK | QPSK |
| 20850+21048 | 2510.0MHz+2529.8MHz | 39.63 | 37.60 |
| 21100+21298 | 2535.0MHz+2554.8MHz | 39.70 | 37.60 |
| 21350+21152 | 2560.0MHz+2540.2MHz | 39.71 | 37.64 |

Spectrum Plot of Worst Value



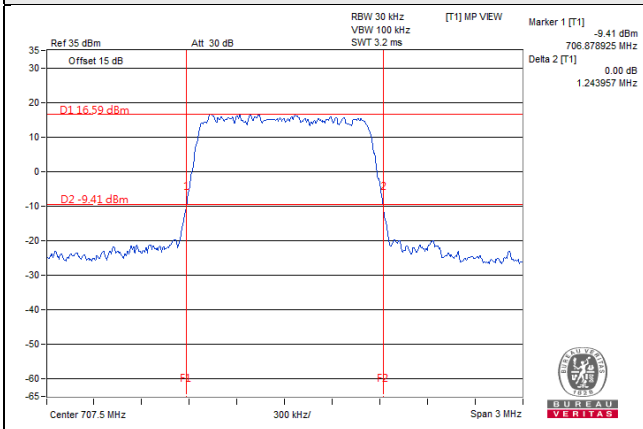
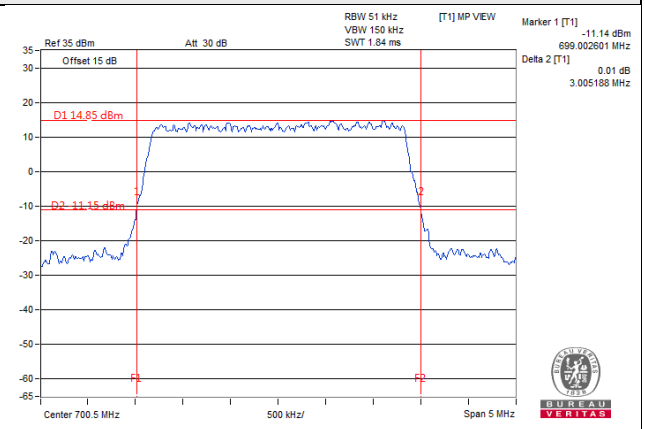
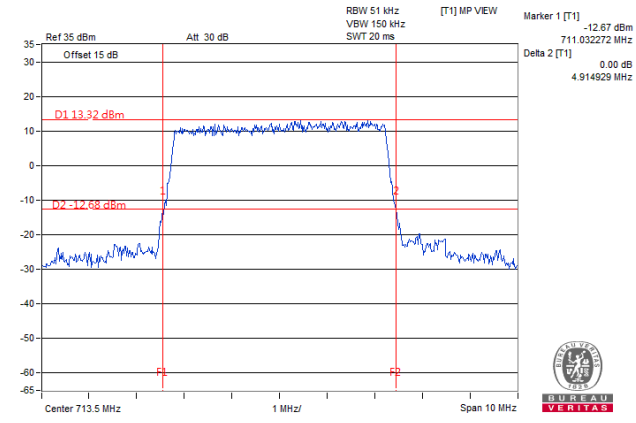
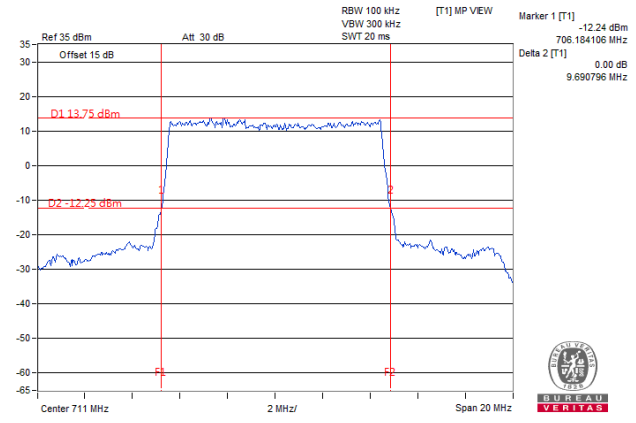
LTE Band 12

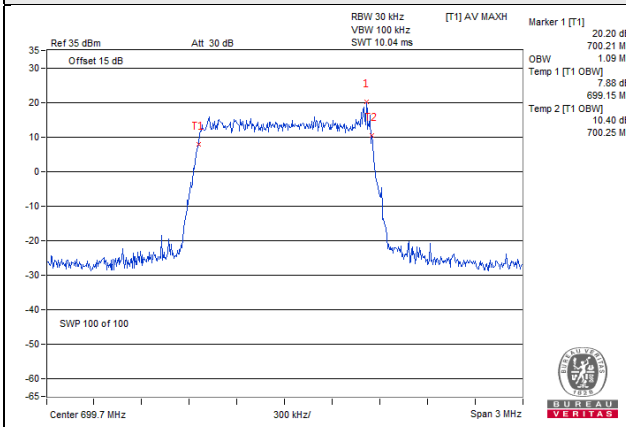
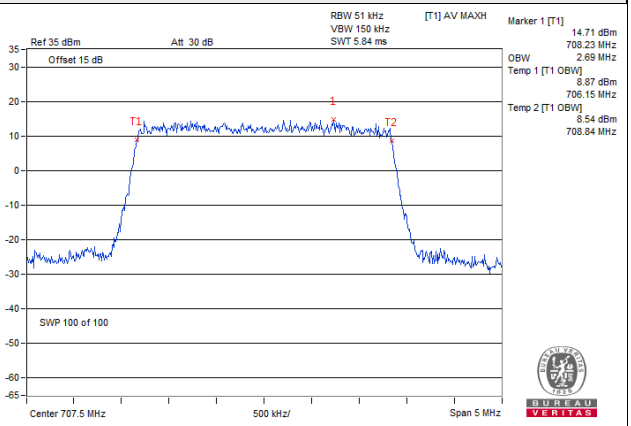
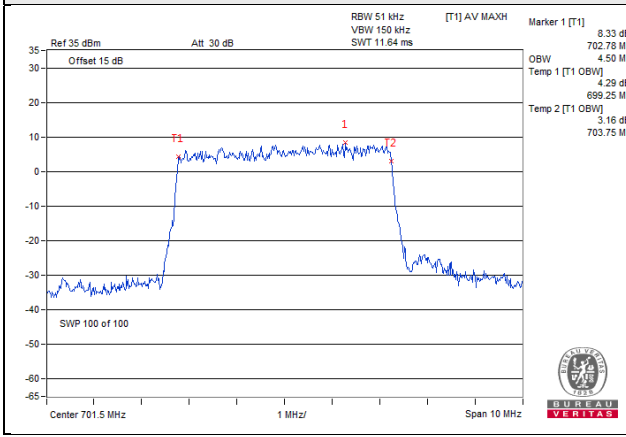
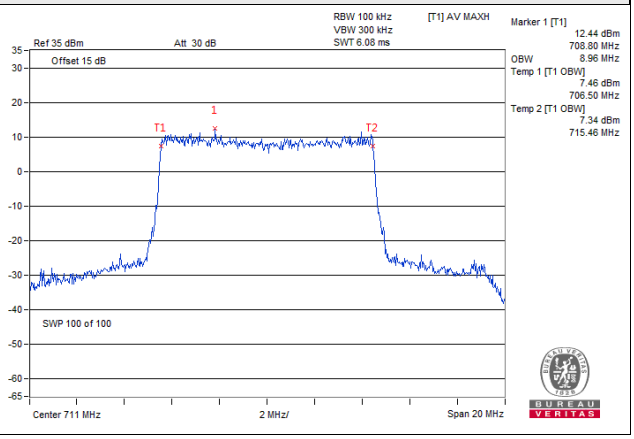
| Channel Bandwidth: 1.4MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23017 | 699.7 | 1.227 | 1.219 | 1.222 | 1.08 | 1.09 | 1.09 |
| 23095 | 707.5 | 1.232 | 1.244 | 1.237 | 1.09 | 1.09 | 1.09 |
| 23173 | 715.3 | 1.242 | 1.235 | 1.233 | 1.09 | 1.09 | 1.09 |

| Channel Bandwidth: 3MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23025 | 700.5 | 2.965 | 3.005 | 2.929 | 2.69 | 2.68 | 2.67 |
| 23095 | 707.5 | 2.965 | 2.987 | 2.988 | 2.69 | 2.69 | 2.68 |
| 23165 | 714.5 | 2.956 | 2.947 | 2.934 | 2.67 | 2.68 | 2.67 |

| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23035 | 701.5 | 4.900 | 4.861 | 4.810 | 4.48 | 4.48 | 4.50 |
| 23095 | 707.5 | 4.873 | 4.890 | 4.872 | 4.46 | 4.45 | 4.46 |
| 23155 | 713.5 | 4.888 | 4.915 | 4.847 | 4.48 | 4.48 | 4.46 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23060 | 704 | 9.616 | 9.600 | 9.513 | 8.93 | 8.93 | 8.90 |
| 23095 | 707.5 | 9.488 | 9.578 | 9.534 | 8.90 | 8.90 | 8.93 |
| 23130 | 711 | 9.691 | 9.657 | 9.663 | 8.96 | 8.96 | 8.96 |

| 26dBc Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 1.4MHz / 16QAM | 3MHz / 16QAM |
|  |  |
| 5MHz / 16QAM | 10MHz / QPSK |
|  |  |

| Occupied Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 1.4MHz / 16QAM | 3MHz / 16QAM |
|  |  |
| 5MHz / 64QAM | 10MHz / QPSK |
|  |  |

LTE Band 13

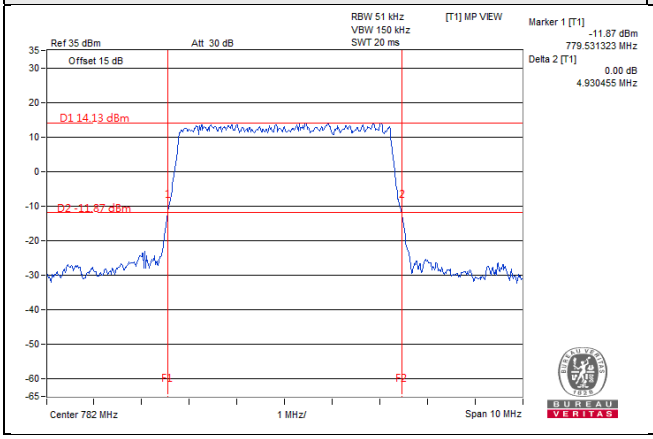
| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23205 | 779.5 | 4.886 | 4.885 | 4.817 | 4.48 | 4.46 | 4.46 |
| 23230 | 782.0 | 4.930 | 4.886 | 4.840 | 4.48 | 4.46 | 4.48 |
| 23255 | 784.5 | 4.904 | 4.909 | 4.887 | 4.45 | 4.48 | 4.48 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23230 | 782.0 | 9.646 | 9.582 | 9.573 | 8.93 | 8.93 | 8.93 |

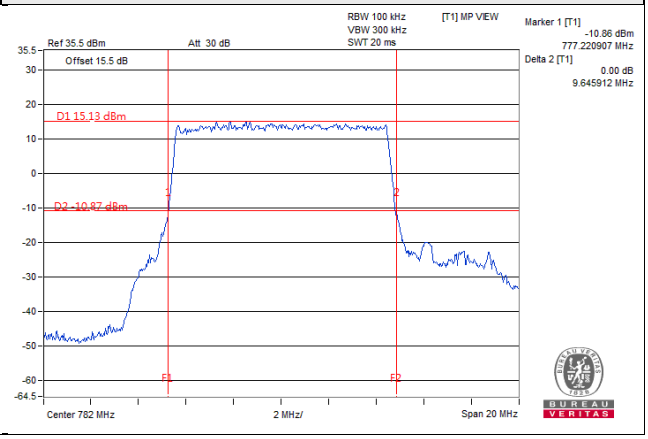
26dBc Bandwidth

Spectrum Plot of Worst Value

5MHz / QPSK



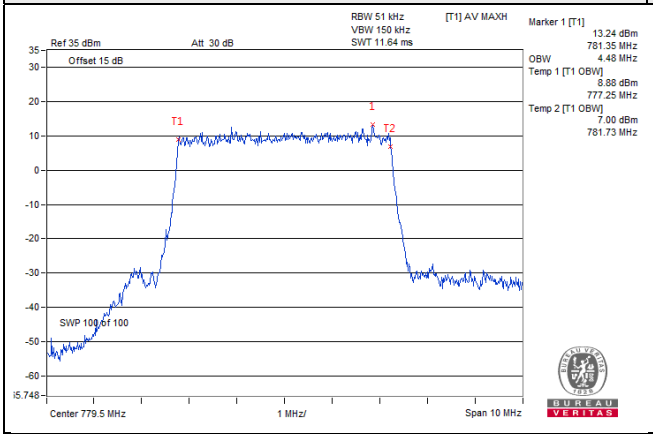

10MHz / QPSK



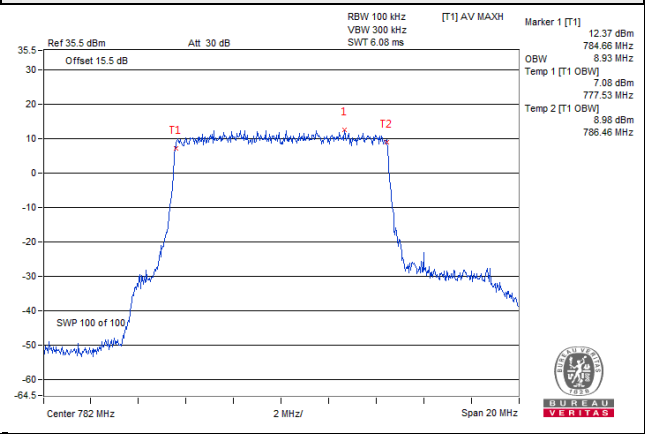

Occupied Bandwidth

Spectrum Plot of Worst Value

5MHz / QPSK



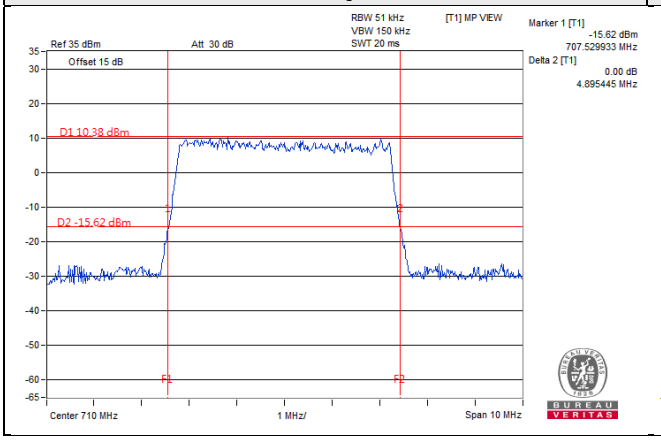
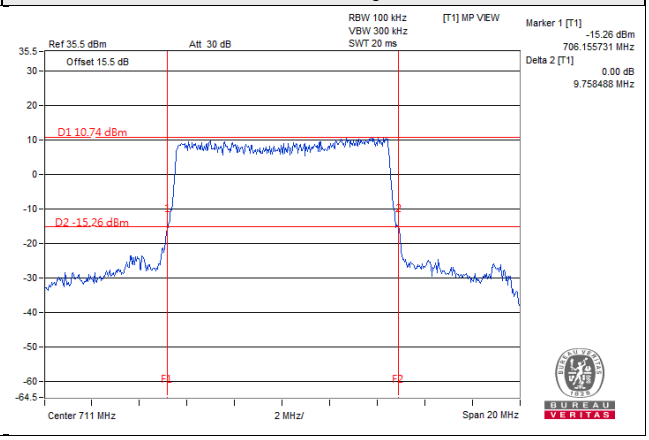

10MHz / QPSK



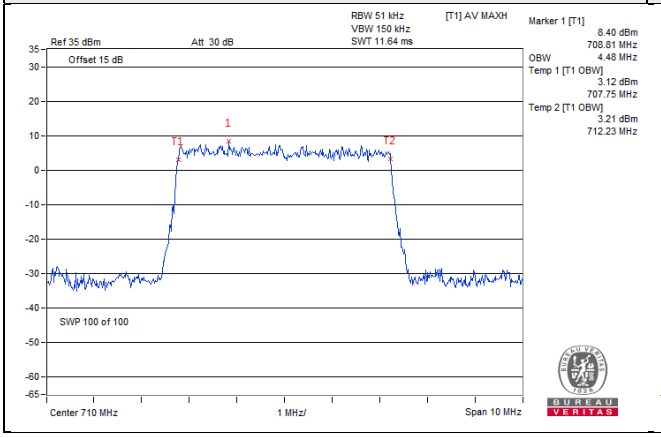
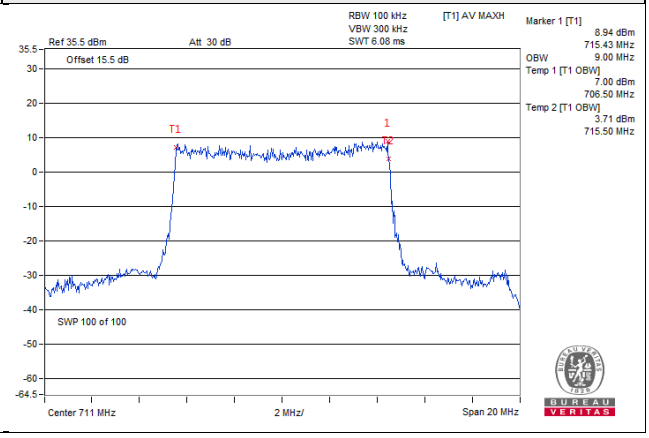
LTE Band 17

| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23755 | 706.5 | 4.871 | 4.838 | 4.860 | 4.46 | 4.46 | 4.46 |
| 23790 | 710.0 | 4.895 | 4.881 | 4.889 | 4.48 | 4.48 | 4.48 |
| 23825 | 713.5 | 4.863 | 4.876 | 4.839 | 4.46 | 4.46 | 4.46 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 23780 | 709.0 | 9.634 | 9.711 | 9.565 | 8.96 | 8.96 | 8.96 |
| 23790 | 710.0 | 9.609 | 9.660 | 9.256 | 8.96 | 8.96 | 8.96 |
| 23800 | 711.0 | 9.693 | 9.758 | 9.559 | 8.96 | 9.00 | 8.96 |

| 26dBc Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / QPSK | 10MHz / 16QAM |
|  |  |



| Occupied Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / QPSK | 10MHz / 16QAM |
|  |  |

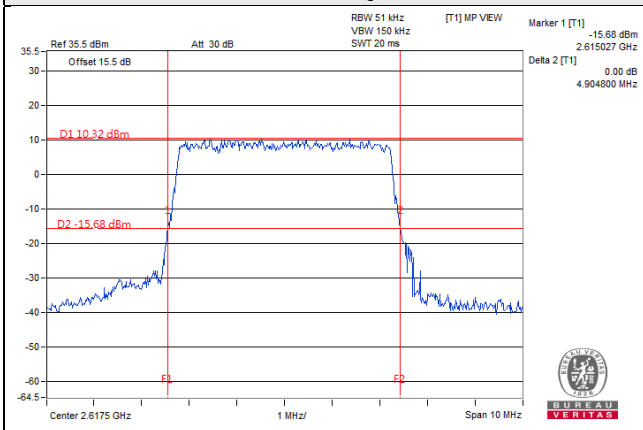
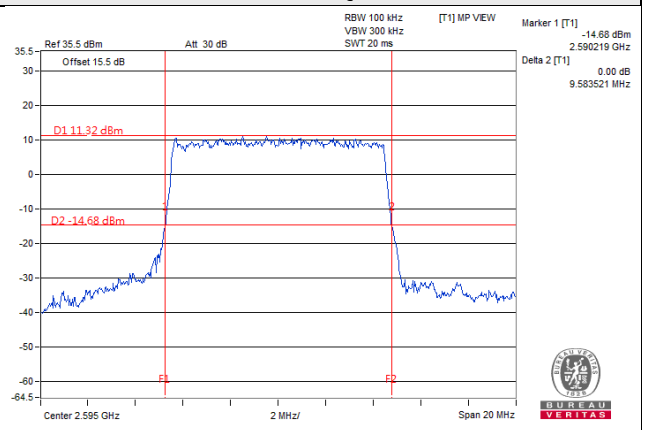
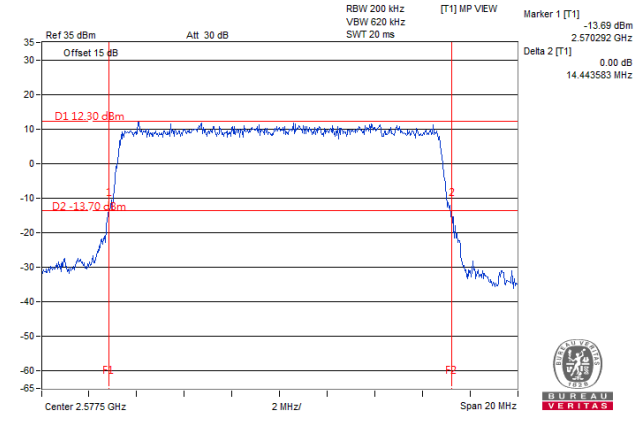
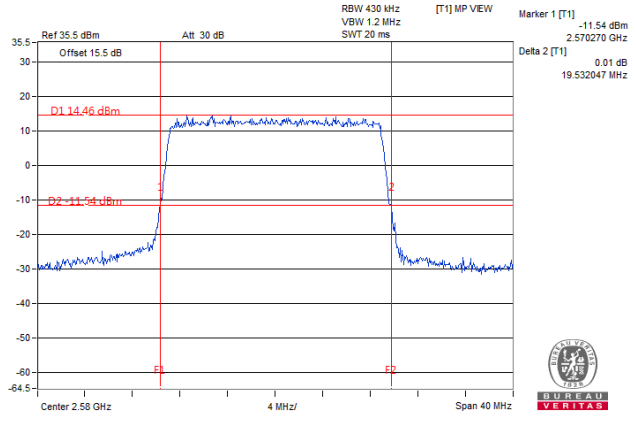
LTE Band 38

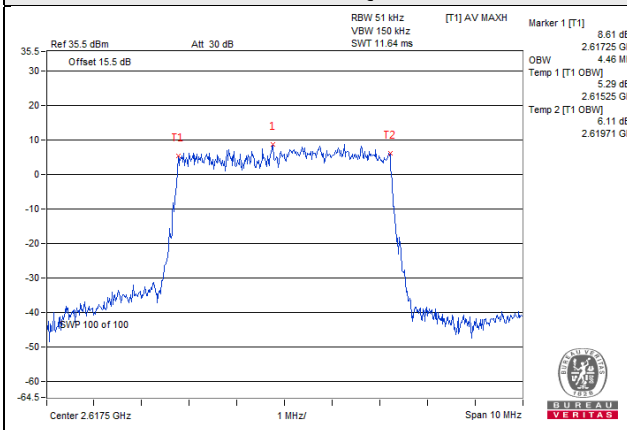
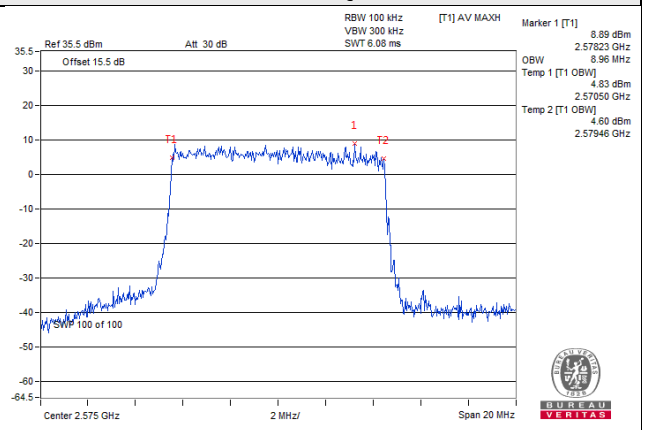
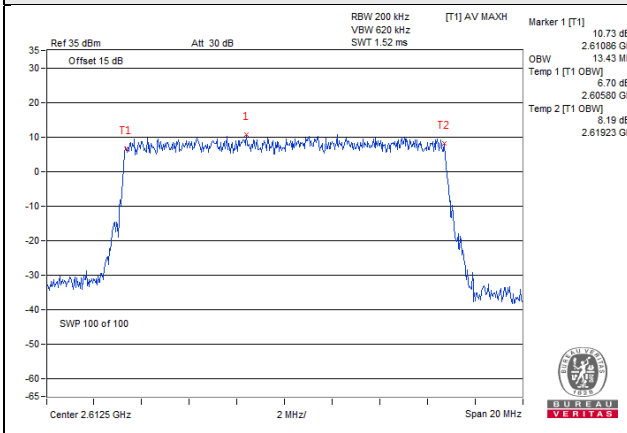
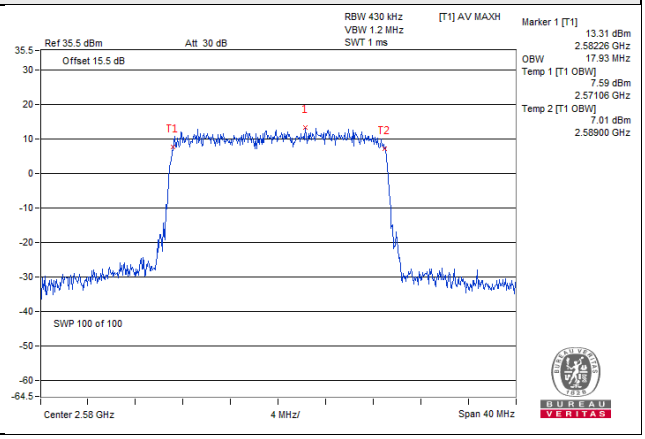
| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 37775 | 2572.5 | 4.820 | 4.866 | 4.869 | 4.46 | 4.45 | 4.45 |
| 38000 | 2595.0 | 4.850 | 4.868 | 4.888 | 4.45 | 4.45 | 4.45 |
| 38225 | 2617.5 | 4.903 | 4.905 | 4.901 | 4.45 | 4.45 | 4.46 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 37800 | 2575.0 | 9.548 | 9.580 | 9.487 | 8.96 | 8.90 | 8.90 |
| 38000 | 2595.0 | 9.584 | 9.544 | 9.577 | 8.90 | 8.93 | 8.90 |
| 38200 | 2615.0 | 9.530 | 9.507 | 9.549 | 8.86 | 8.90 | 8.93 |

| Channel Bandwidth: 15MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 37825 | 2577.5 | 14.359 | 14.402 | 14.444 | 13.36 | 13.36 | 13.40 |
| 38000 | 2595.0 | 14.335 | 14.400 | 14.349 | 13.40 | 13.36 | 13.36 |
| 38175 | 2612.5 | 14.371 | 14.392 | 14.350 | 13.43 | 13.36 | 13.36 |

| Channel Bandwidth: 20MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 37850 | 2580.0 | 19.364 | 19.532 | 19.498 | 17.86 | 17.93 | 17.93 |
| 38000 | 2595.0 | 19.497 | 19.342 | 19.279 | 17.93 | 17.86 | 17.93 |
| 38150 | 2610.0 | 19.371 | 19.514 | 19.515 | 17.80 | 17.93 | 17.86 |

| 26dBc Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 16QAM | 10MHz / QPSK |
|  |  |
| 15MHz / 64QAM | 20MHz / 16QAM |
|  |  |

| Occupied Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 64QAM | 10MHz / QPSK |
|  |  |
| 15MHz / QPSK | 20MHz / 16QAM |
|  |  |

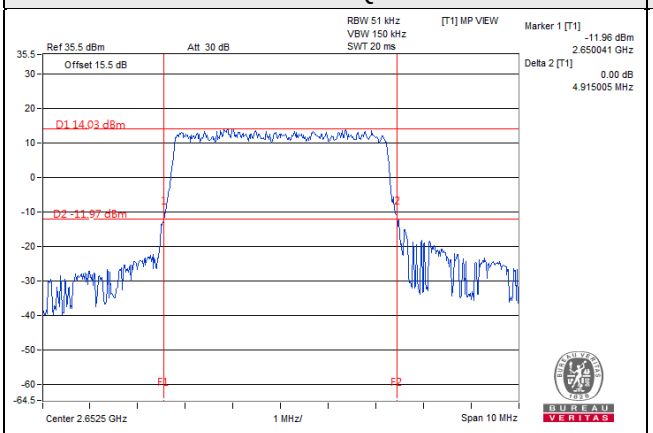
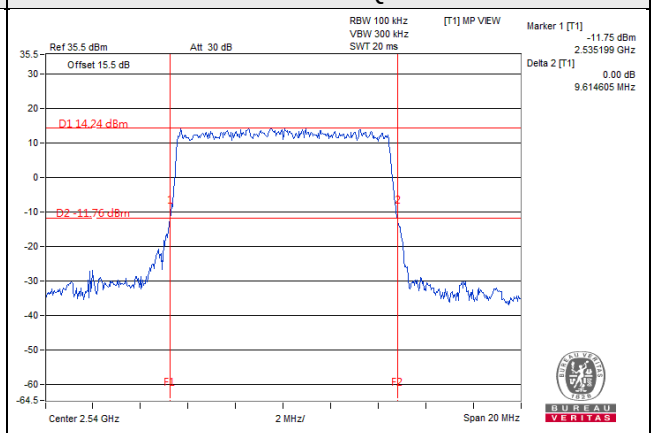
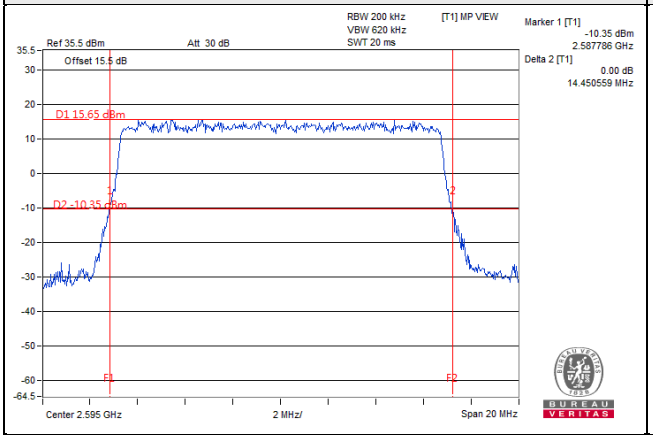
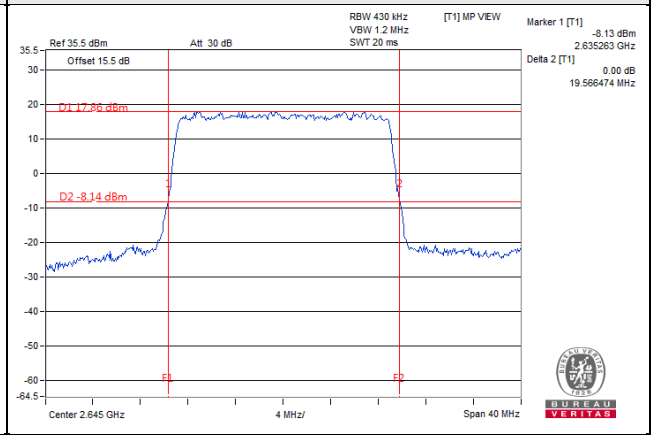
LTE Band 41

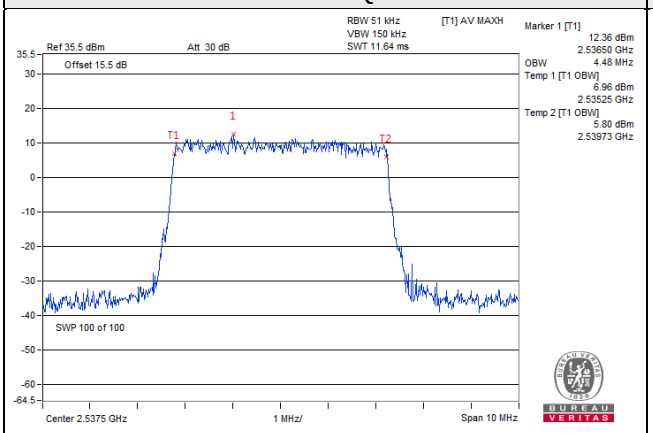
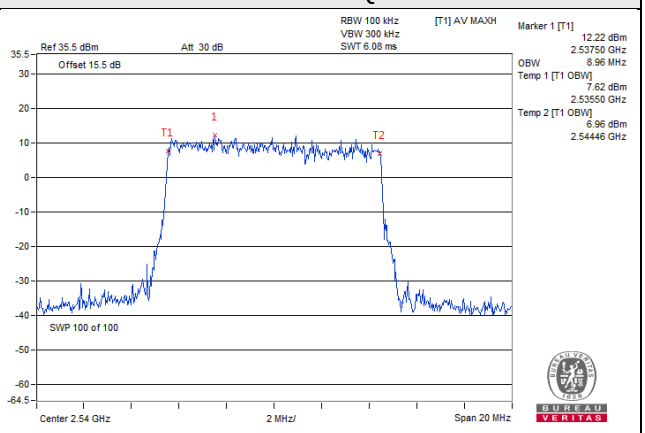
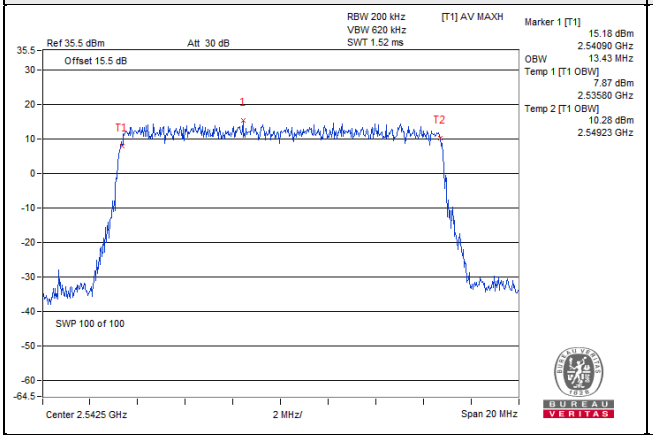
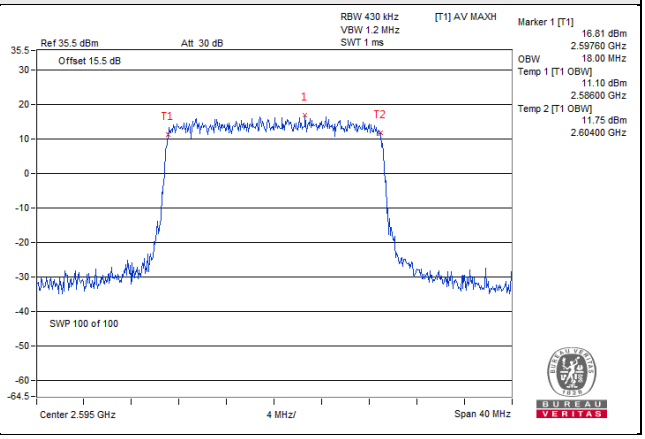
| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 40065 | 2537.5 | 4.899 | 4.897 | 4.893 | 4.45 | 4.48 | 4.45 |
| 40640 | 2595.0 | 4.920 | 4.903 | 4.894 | 4.46 | 4.45 | 4.48 |
| 41215 | 2652.5 | 4.903 | 4.915 | 4.892 | 4.45 | 4.43 | 4.46 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 40090 | 2540.0 | 9.516 | 9.549 | 9.615 | 8.93 | 8.90 | 8.96 |
| 40640 | 2595.0 | 9.546 | 9.494 | 9.546 | 8.93 | 8.90 | 8.93 |
| 41190 | 2650.0 | 9.547 | 9.570 | 9.590 | 8.93 | 8.96 | 8.96 |

| Channel Bandwidth: 15MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 40115 | 2542.5 | 14.411 | 14.444 | 14.411 | 13.43 | 13.40 | 13.43 |
| 40640 | 2595.0 | 14.418 | 14.356 | 14.451 | 13.33 | 13.40 | 13.40 |
| 41165 | 2647.5 | 14.426 | 14.358 | 14.385 | 13.40 | 13.36 | 13.40 |

| Channel Bandwidth: 20MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 40140 | 2545.0 | 19.518 | 19.337 | 19.518 | 17.86 | 17.93 | 17.93 |
| 40640 | 2595.0 | 19.324 | 19.565 | 19.509 | 17.86 | 18.00 | 17.93 |
| 41140 | 2645.0 | 19.551 | 19.460 | 19.566 | 17.86 | 17.93 | 17.86 |

| 26dBc Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 16QAM | 10MHz / 64QAM |
|  |  |
| 15MHz / 64QAM | 20MHz / 64QAM |
|  |  |

| Occupied Bandwidth | |
|---|---|
| Spectrum Plot of Worst Value | |
| 5MHz / 16QAM | 10MHz / 64QAM |
|  |  |
| 15MHz / 64QAM | 20MHz / 16QAM |
|  |  |

LTE Band 66

| Channel Bandwidth: 1.4MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 131979 | 1710.7 | 1.234 | 1.239 | 1.233 | 1.08 | 1.09 | 1.09 |
| 132322 | 1745.0 | 1.231 | 1.233 | 1.236 | 1.08 | 1.09 | 1.09 |
| 132665 | 1779.3 | 1.240 | 1.245 | 1.241 | 1.08 | 1.09 | 1.08 |

| Channel Bandwidth: 3MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 131987 | 1711.5 | 2.980 | 2.950 | 2.954 | 2.68 | 2.69 | 2.68 |
| 132322 | 1745.0 | 2.984 | 2.991 | 2.969 | 2.69 | 2.68 | 2.68 |
| 132657 | 1778.5 | 2.982 | 2.976 | 3.004 | 2.69 | 2.69 | 2.68 |

| Channel Bandwidth: 5MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 131997 | 1712.5 | 4.895 | 4.890 | 4.901 | 4.45 | 4.46 | 4.48 |
| 132322 | 1745.0 | 4.897 | 4.893 | 4.924 | 4.46 | 4.46 | 4.48 |
| 132647 | 1777.5 | 4.925 | 4.898 | 4.931 | 4.46 | 4.46 | 4.48 |

| Channel Bandwidth: 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 132022 | 1715.0 | 9.583 | 9.647 | 9.631 | 8.93 | 8.93 | 8.93 |
| 132322 | 1745.0 | 9.665 | 9.615 | 9.545 | 8.90 | 8.93 | 8.93 |
| 132622 | 1775.0 | 9.598 | 9.684 | 9.636 | 8.90 | 8.93 | 8.93 |

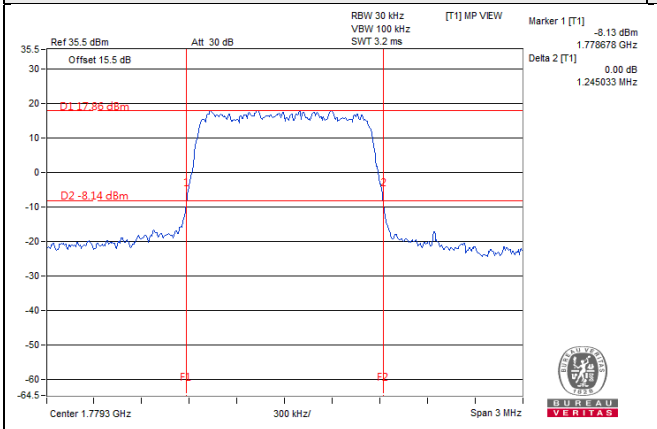
| Channel Bandwidth: 15MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 132047 | 1717.5 | 14.521 | 14.473 | 14.521 | 13.36 | 13.40 | 13.40 |
| 132322 | 1745.0 | 14.448 | 14.545 | 14.448 | 13.43 | 13.40 | 13.40 |
| 132597 | 1772.5 | 14.423 | 14.477 | 14.423 | 13.40 | 13.43 | 13.36 |

| Channel Bandwidth: 20MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency (MHz) | 26dBc Bandwidth (MHz) | | | Occupied Bandwidth (MHz) | | |
| | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 132072 | 1720.0 | 19.539 | 19.470 | 19.510 | 17.86 | 17.93 | 17.86 |
| 132322 | 1745.0 | 19.573 | 19.490 | 19.535 | 18.00 | 17.86 | 17.93 |
| 132572 | 1770.0 | 19.563 | 19.498 | 19.449 | 17.93 | 17.93 | 18.00 |

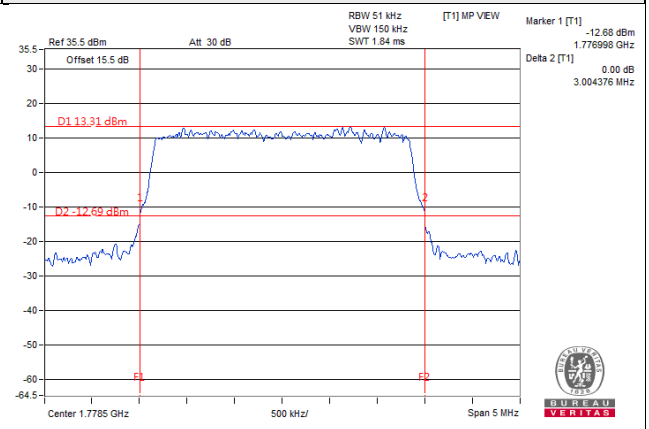
26dBc Bandwidth

Spectrum Plot of Worst Value

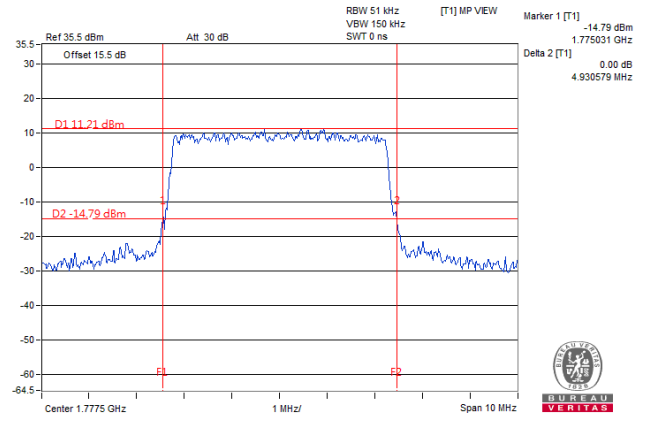
1.4MHz / 16QAM



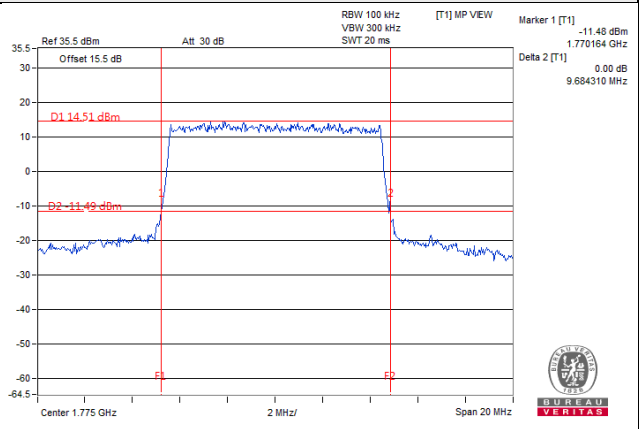

3MHz / 64QAM



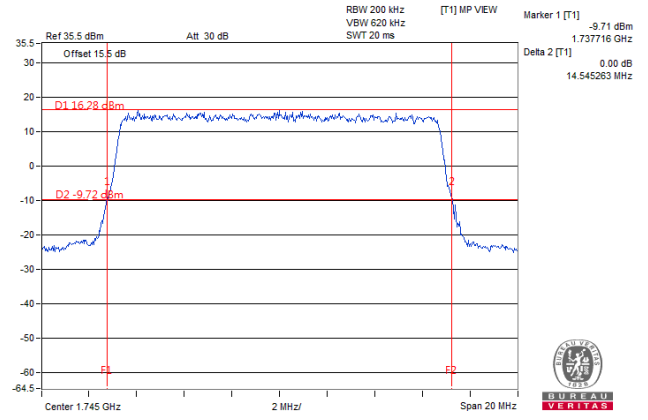

5MHz / 64QAM



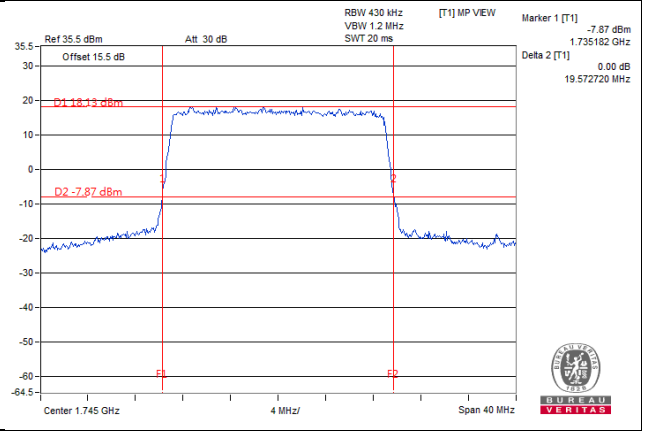

10MHz / 16QAM




15MHz / 16QAM



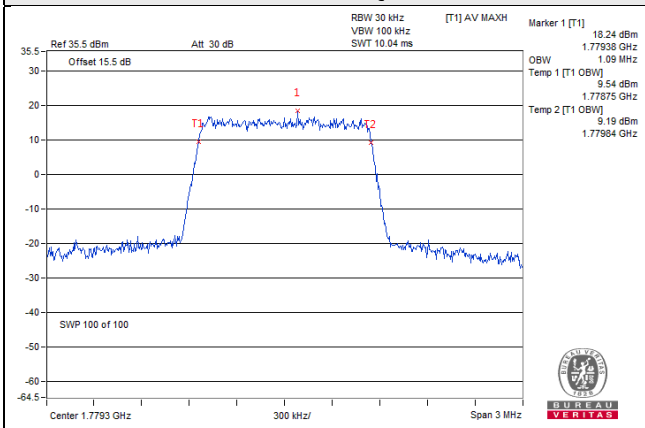

20MHz / QPSK



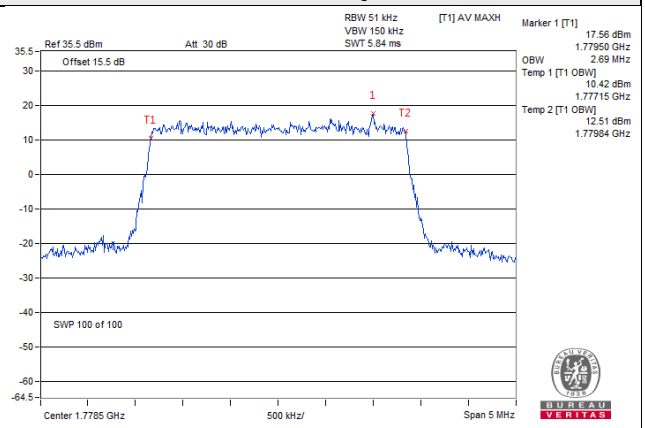
## Occupied Bandwidth

### Spectrum Plot of Worst Value

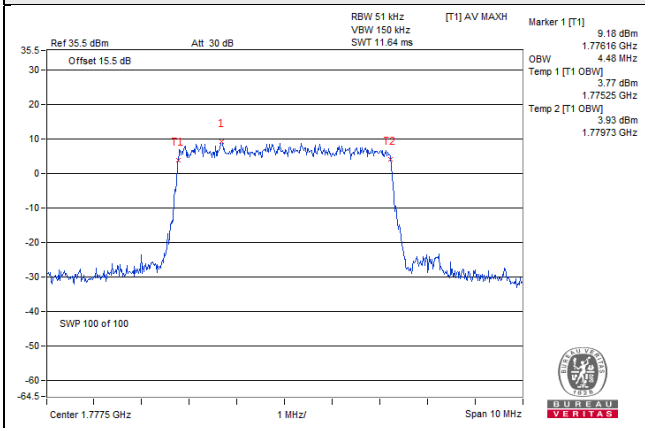
#### 1.4MHz / 16QAM



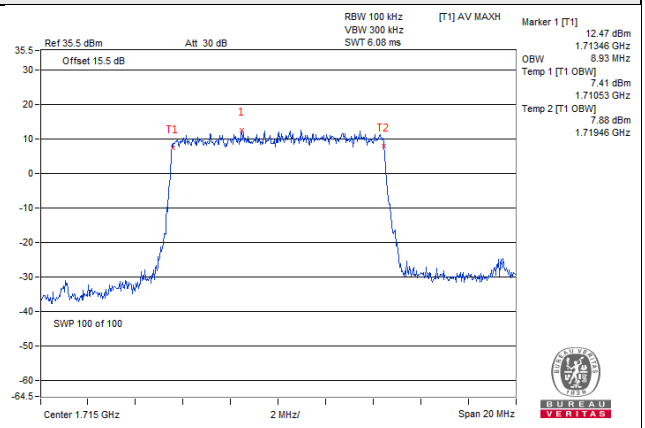

#### 3MHz / 16QAM



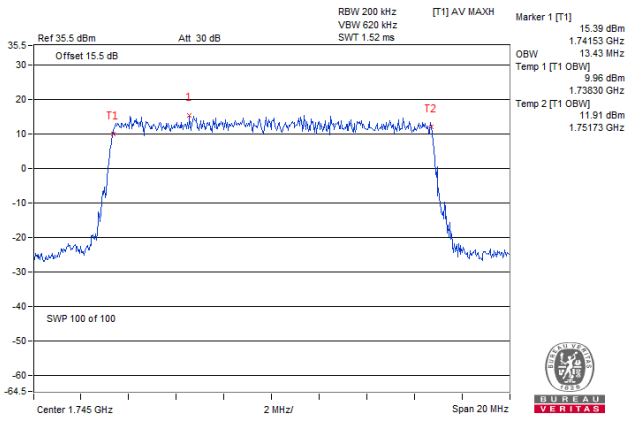

#### 5MHz / 64QAM



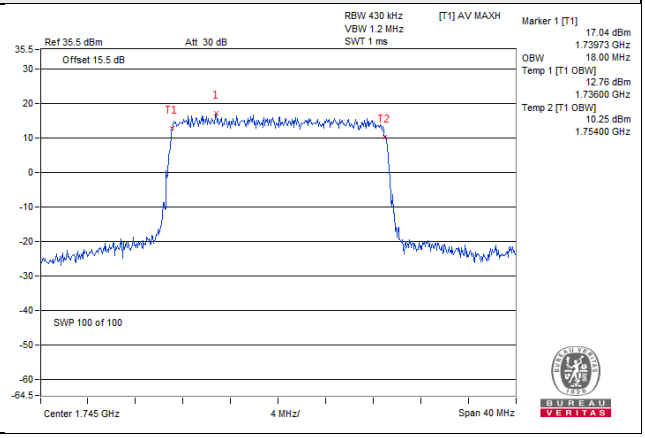

#### 10MHz / 16QAM




#### 15MHz / QPSK




#### 20MHz / QPSK



## 4.5 Channel Edge Measurement

### 4.5.1 Limits of Band Edge Measurement

For WCDMA Band 4, LTE Band 4, 66
According to FCC 27.53(h) for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

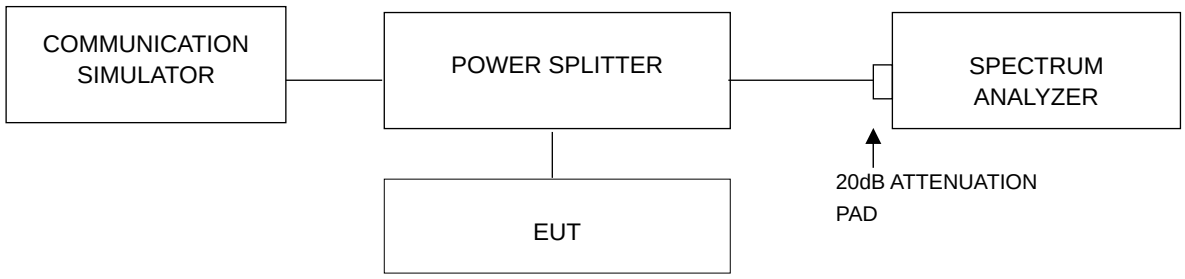
For LTE Band 7, 38, 41
According to FCC 27.53(l)(4) specified that power of any emission outside of the channel edge must be attenuated below the transmitting power (P) by a factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed.

For LTE Band 12
According to FCC 27.53(g) for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

For LTE Band 13
According to FCC 27.53(c)(2) for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB.

For LTE Band 17
According to FCC 27.53(g) for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

### 4.5.2 Test Setup



### 4.5.3 Test Procedures

a. The EUT was set up for the rated peak power. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels: low, middle and high operational frequency range.

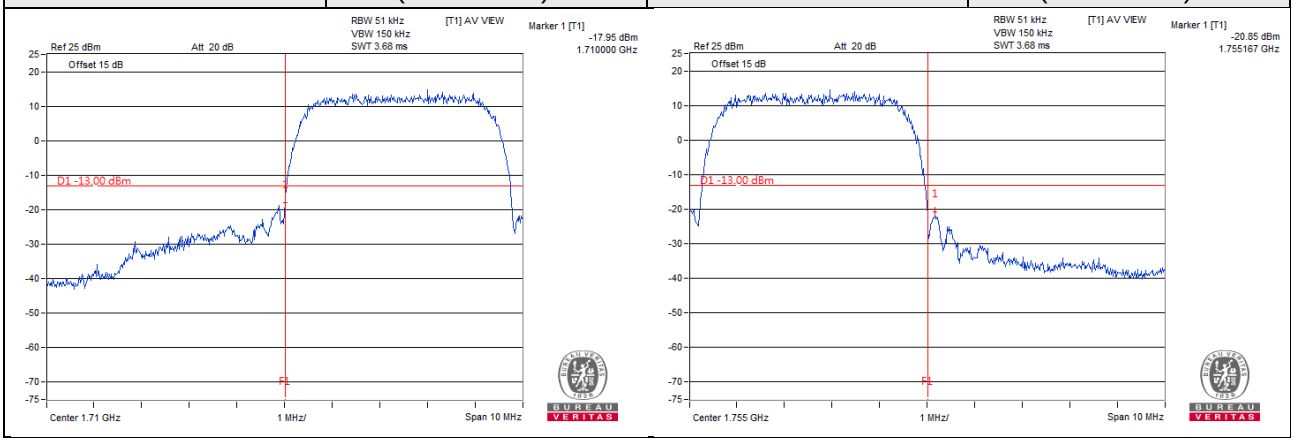
b. The center frequency of spectrum is the band edge frequency and span is 1.5MHz. RBW = 30kHz and VBW = 100kHz (Channel Bandwidth: 1.4MHz and 3MHz), RBW = 51kHz and VBW = 150kHz (Channel Bandwidth: 5MHz), RBW = 100kHz and VBW = 300kHz (Channel Bandwidth: 10MHz), RBW = 200kHz and VBW = 620kHz (Channel Bandwidth: 15MHz) and RBW = 430kHz and VBW = 1.2MHz (Channel Bandwidth: 20MHz).

c. Record the max trace plot into the test report.

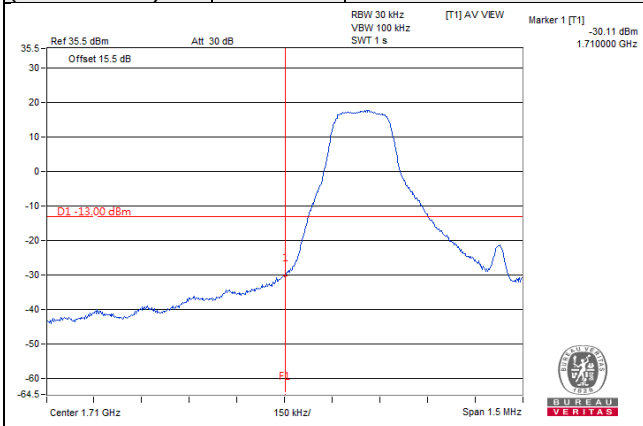
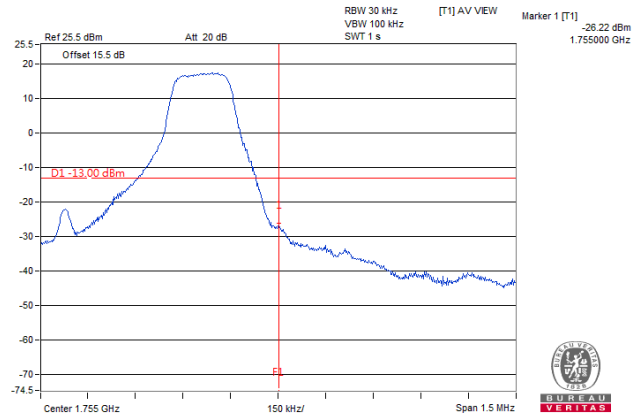
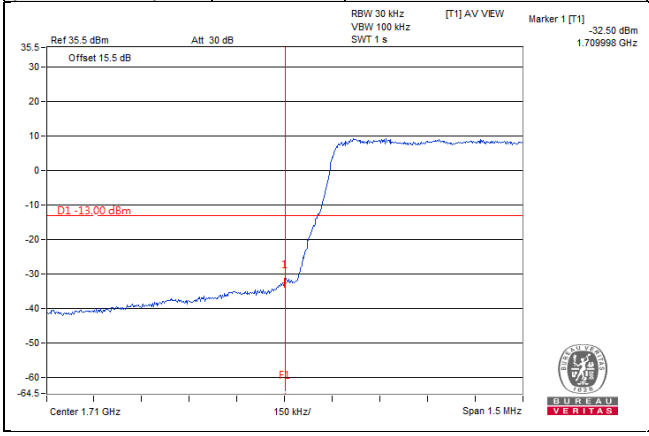
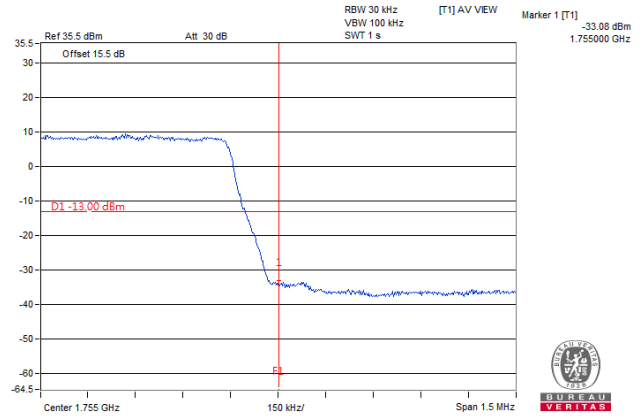
### 4.5.4 Test Results

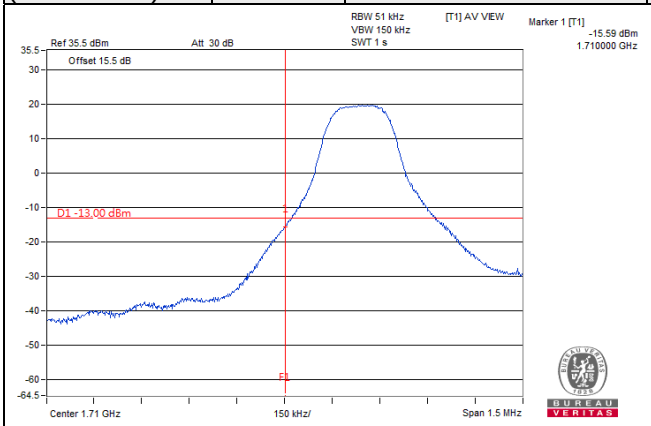
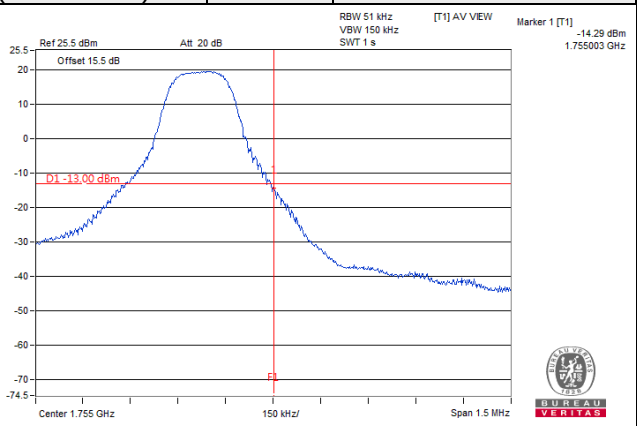
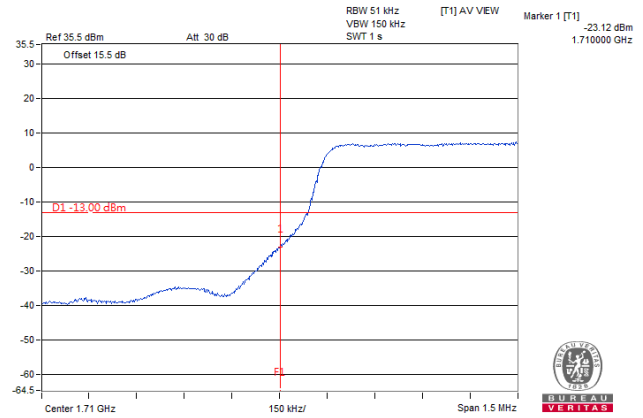
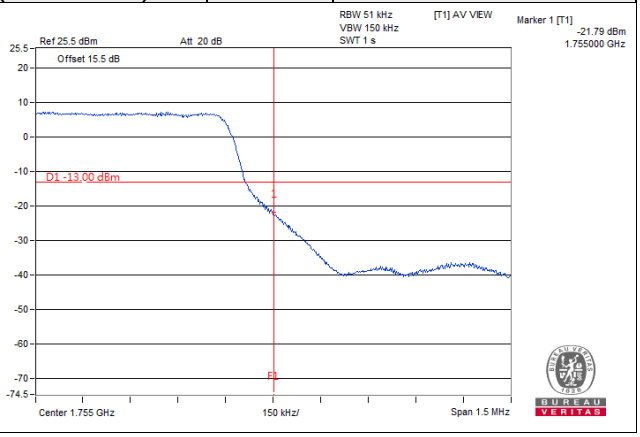
WCDMA Band 4

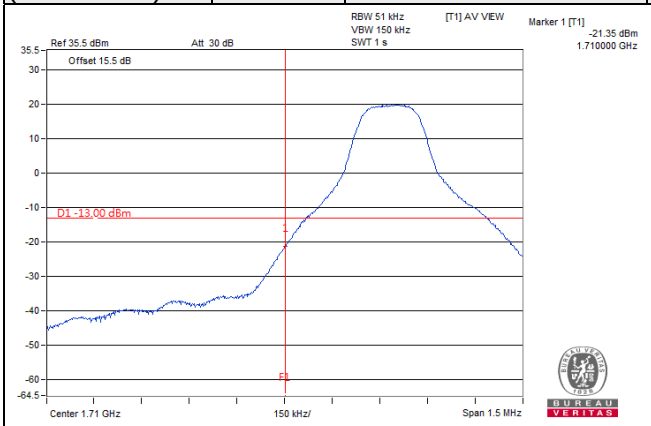
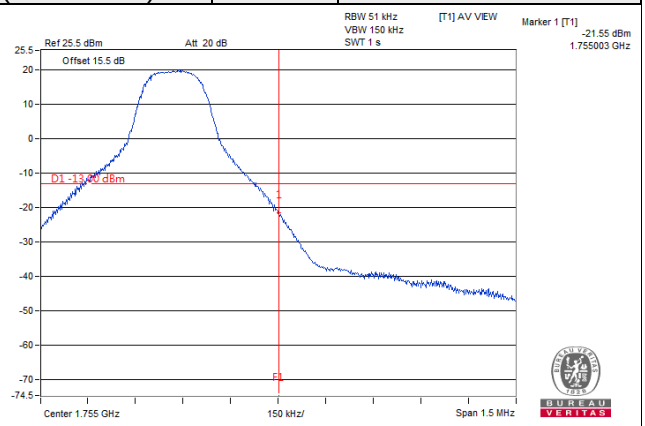
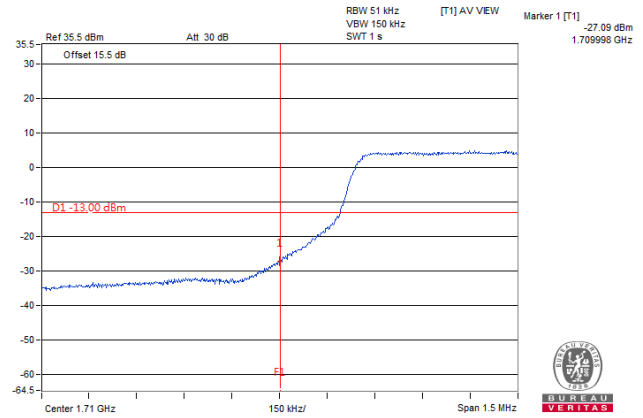
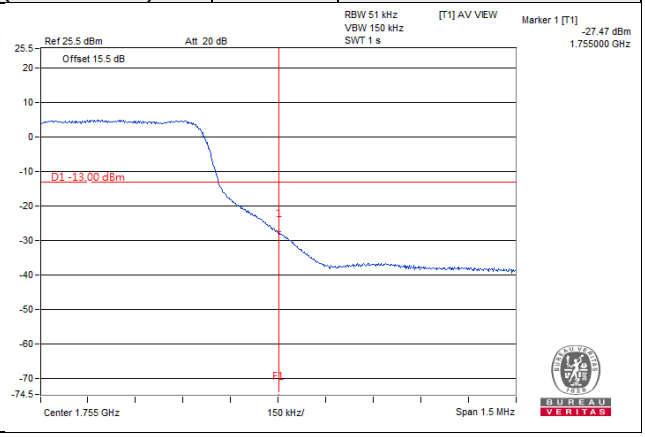
| Channel | 1312 (1712.4MHz) | Channel | 1513 (1752.6MHz) |
|---|---|---|---|

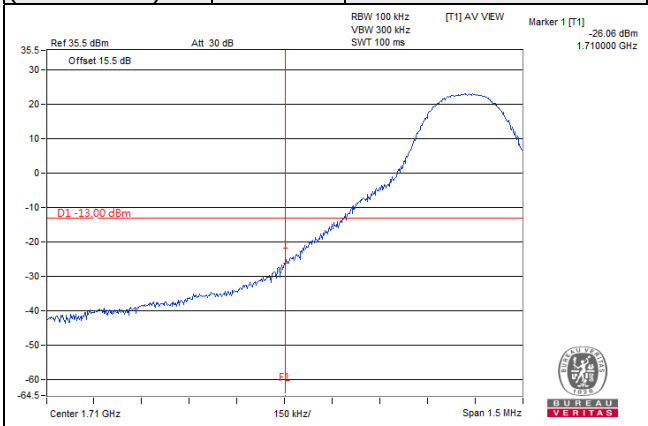
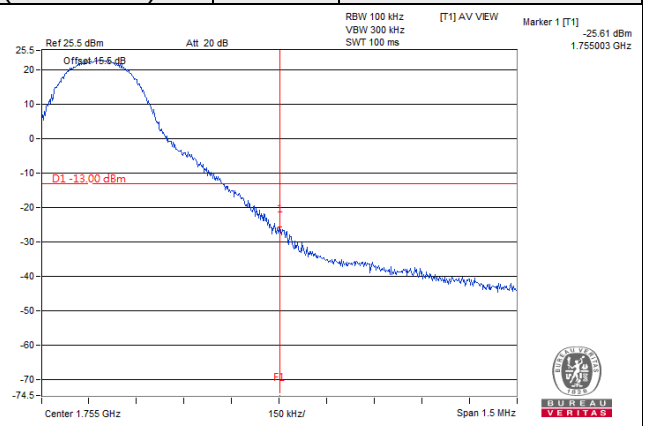
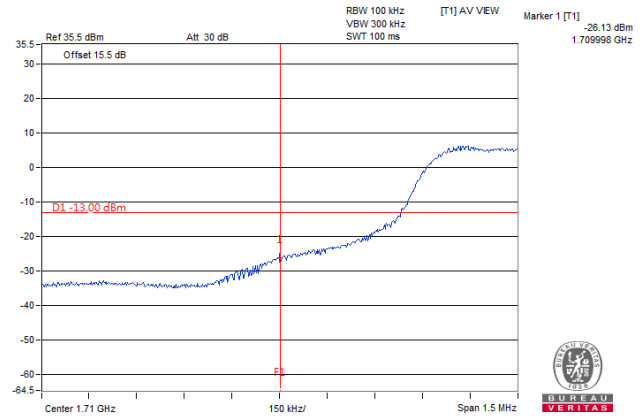
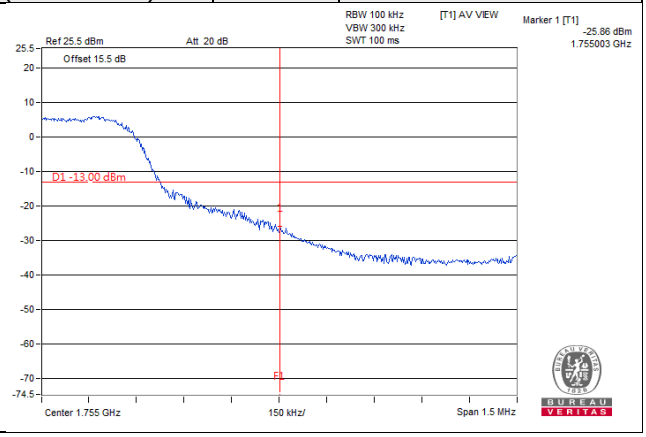


LTE Band 4

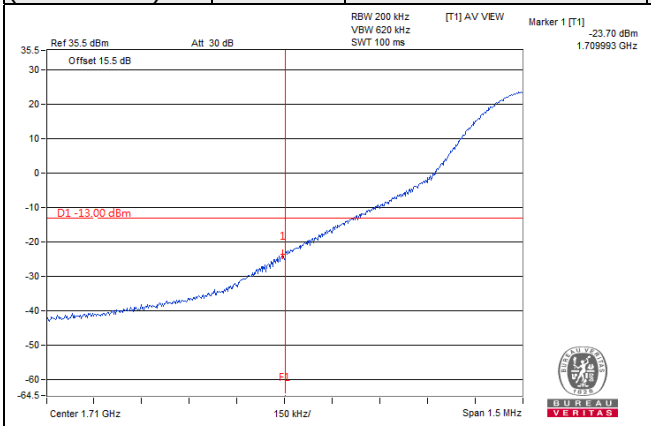
| Channel Bandwidth: 1.4MHz | | | | | |
|---|---|---|---|---|---|
| Channel 19957 (1710.7MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20393 (1754.3MHz) | QPSK | 1 RB / 5 RB Offset |
|  | | |  | | |
| Channel 19957 (1710.7MHz) | QPSK | 6 RB / 0 RB Offset | Channel 20393 (1754.3MHz) | QPSK | 6 RB / 0 RB Offset |
|  | | |  | | |

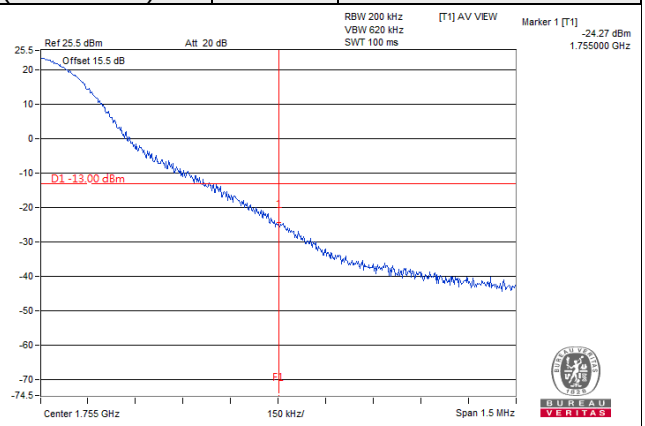
| Channel Bandwidth: 3MHz | | | | | |
|---|---|---|---|---|---|
| Channel 19965 (1711.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20385 (1753.5MHz) | QPSK | 1 RB / 14 RB Offset |
|  | | |  | | |
| Channel 19965 (1711.5MHz) | QPSK | 15 RB / 0 RB Offset | Channel 20385 (1753.5MHz) | QPSK | 15 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 19975 (1712.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20375 (1752.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 19975 (1712.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 20375 (1752.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

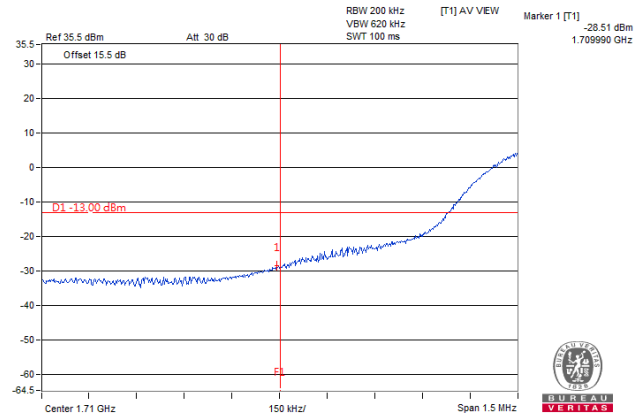
| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20000 (1715.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20350 (1750.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 20000 (1715.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 20350 (1750.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

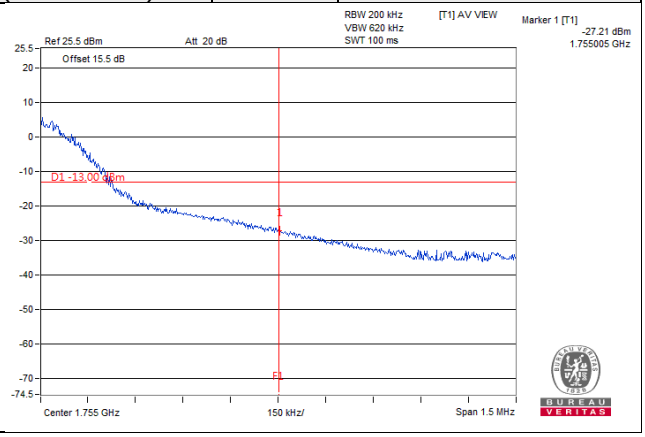
| Channel Bandwidth: 15MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20025 (1717.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20325 (1747.5MHz) | QPSK | 1 RB / 74 RB Offset |



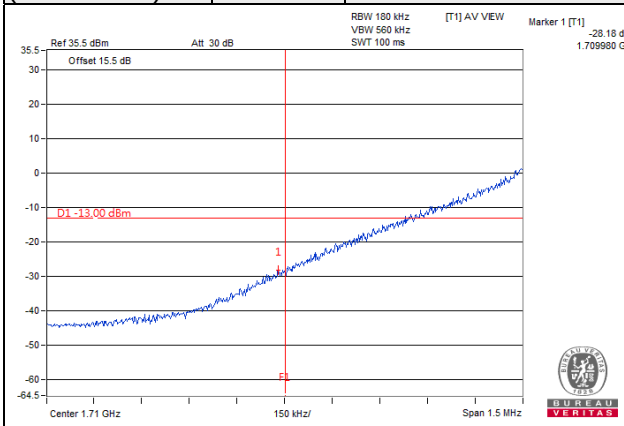



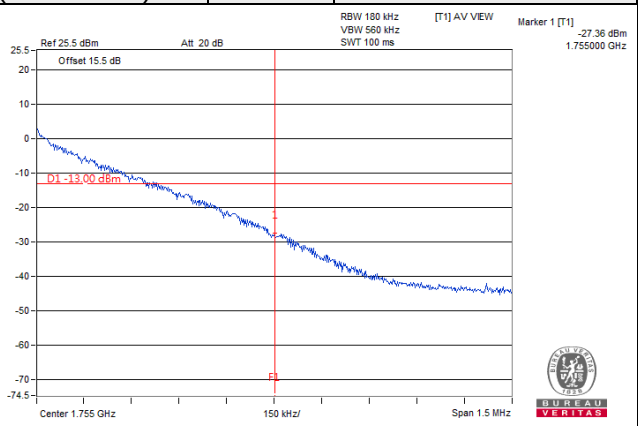

| Channel 20025 (1717.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 20325 (1747.5MHz) | QPSK | 75 RB / 0 RB Offset |
|---|---|---|---|---|---|



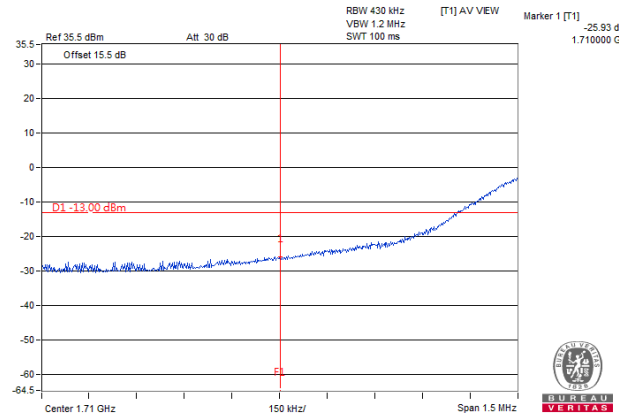



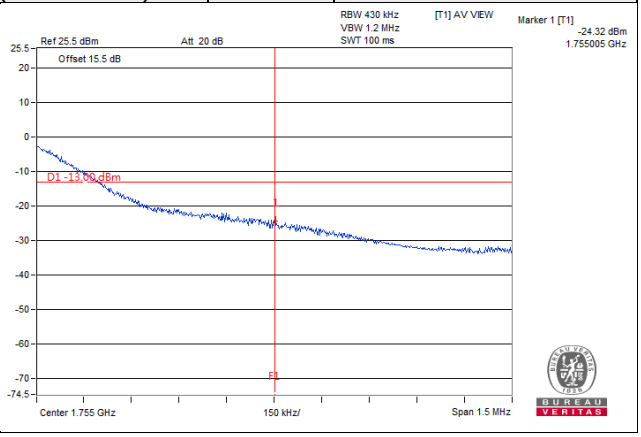
| Channel Bandwidth: 20MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20050 (1720.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 20300 (1745.0MHz) | QPSK | 1 RB / 99 RB Offset |



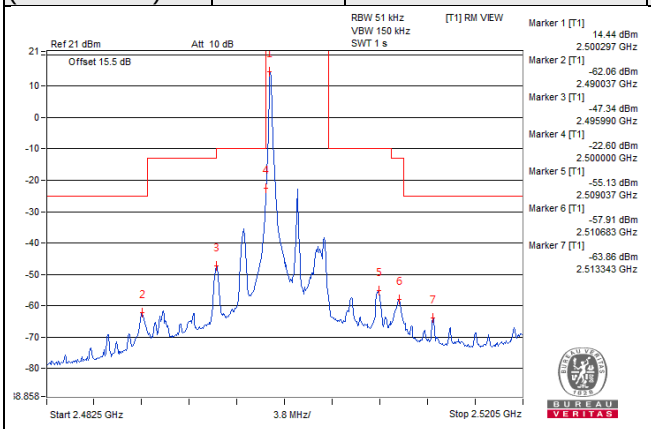
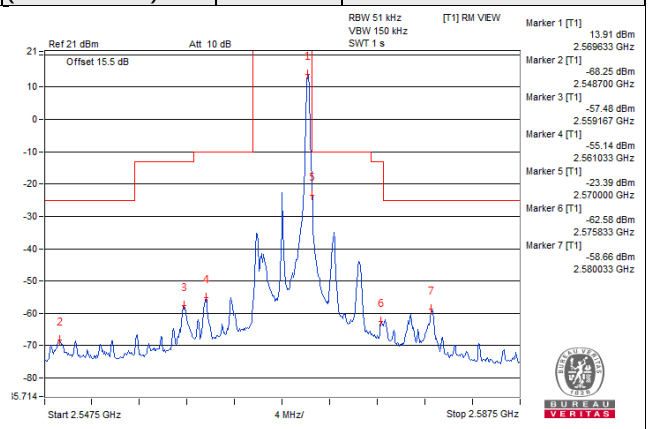
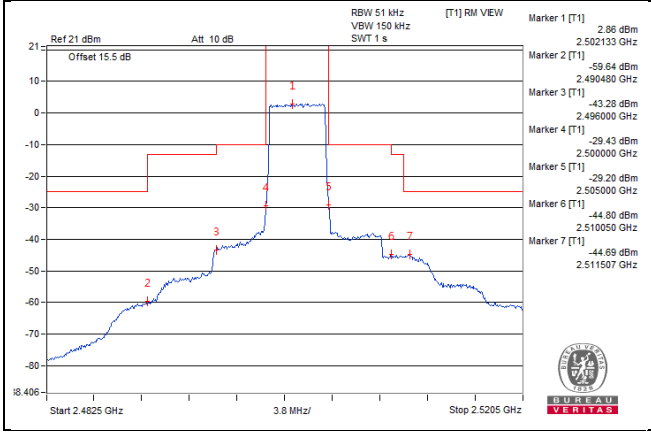
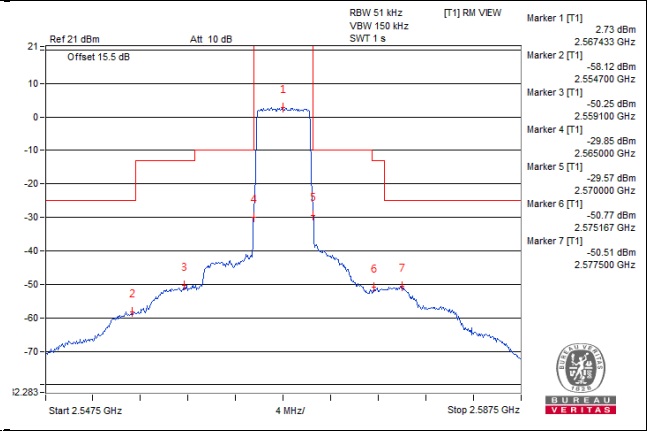



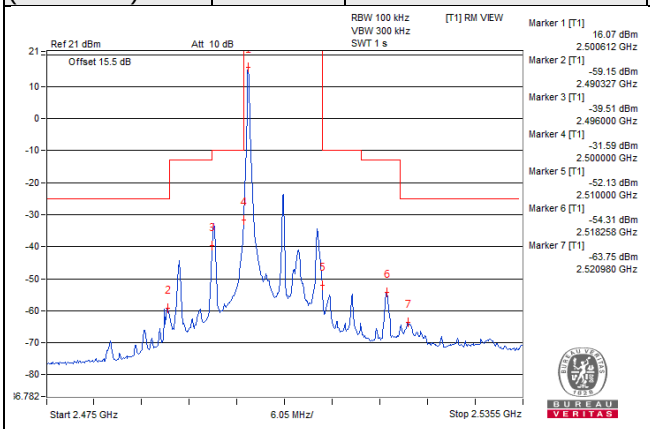
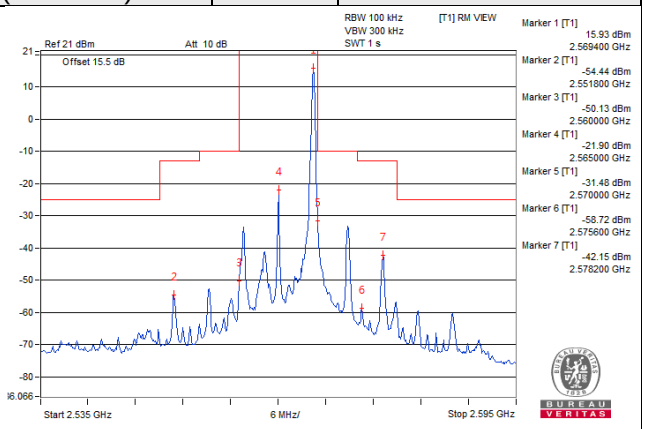
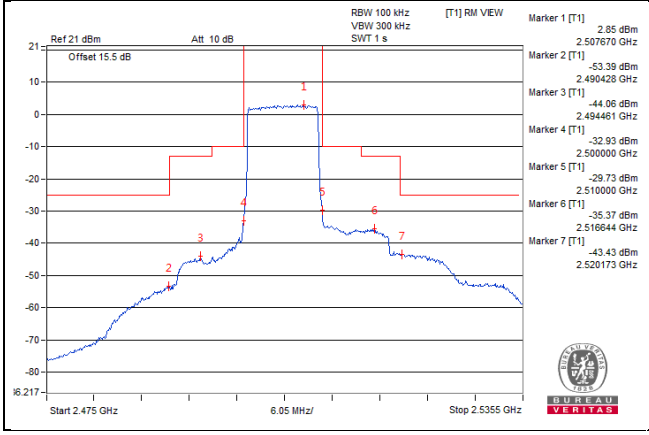
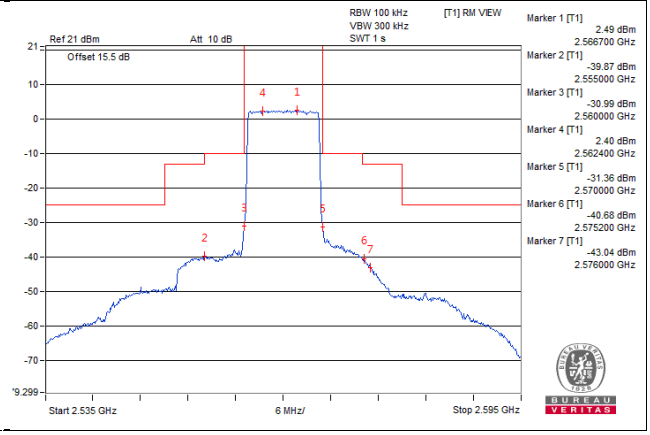

| Channel 20050 (1720.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 20300 (1745.0MHz) | QPSK | 100 RB / 0 RB Offset |
|---|---|---|---|---|---|



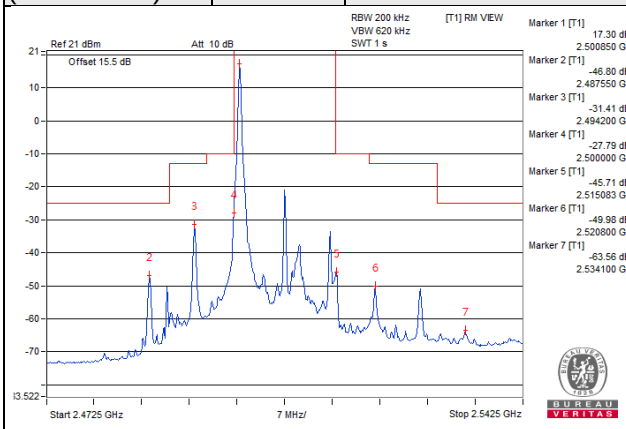



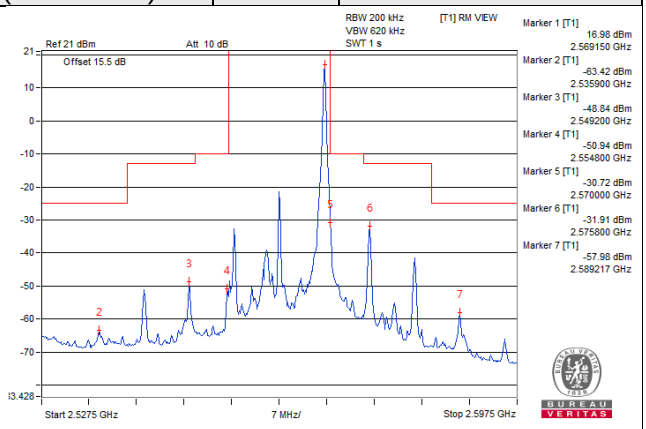
LTE Band 7

| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20775 (2502.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 21425 (2567.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 20775 (2502.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 21425 (2567.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

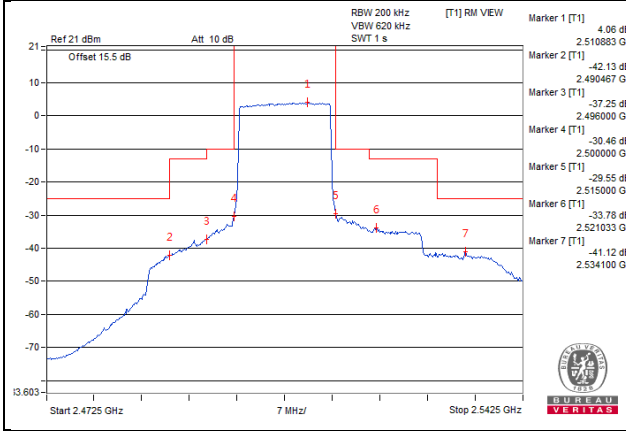
| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20800 (2505MHz) | QPSK | 1 RB / 0 RB Offset | Channel 21400 (2565MHz) | QPSK | 1 RB / 49RB Offset |
|  | | |  | | |
| Channel 20800 (2505MHz) | QPSK | 50 RB / 0 RB Offset | Channel 21400 (2565MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

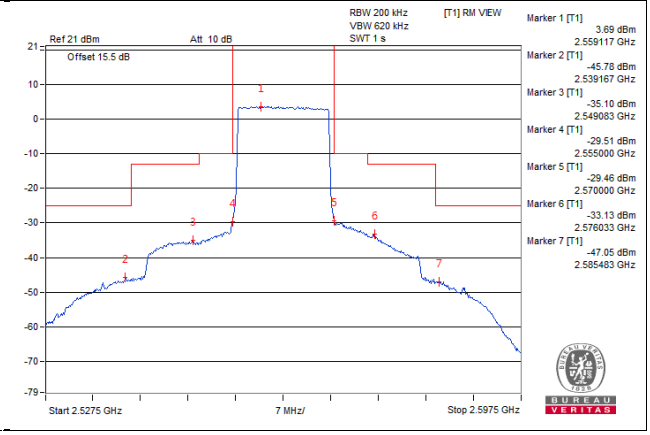
| Channel Bandwidth: 15MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20825 (2507.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 21375 (2562.5MHz) | QPSK | 1 RB / 74RB Offset |

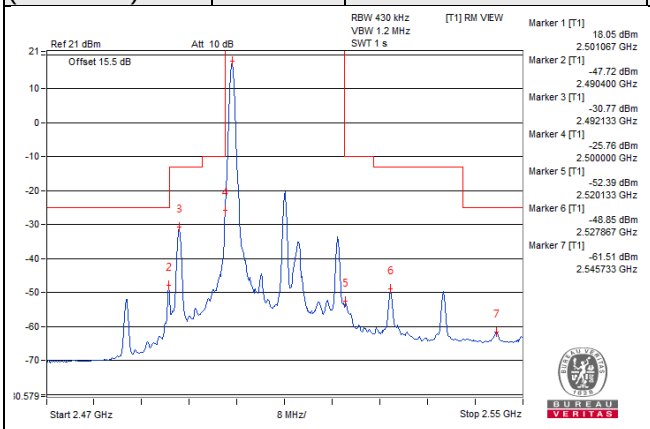
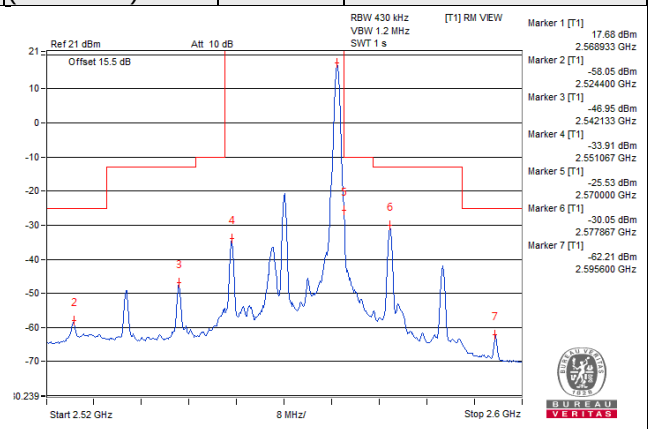
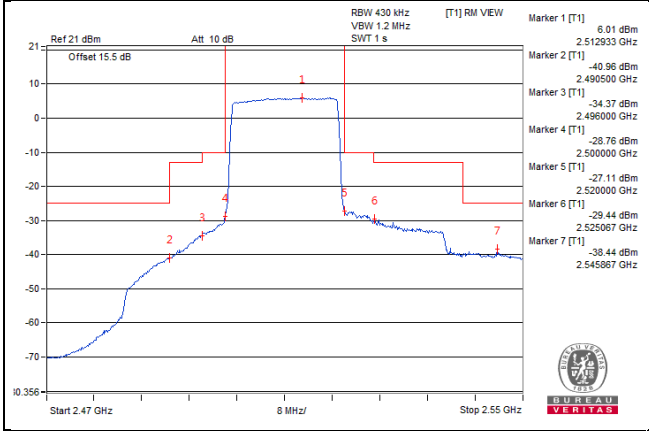
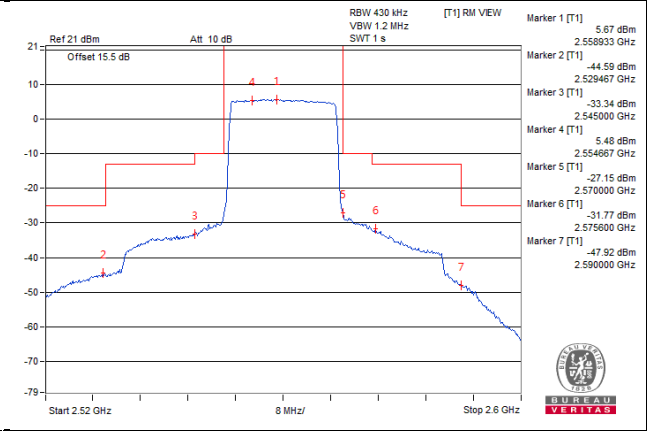



| Channel 20825 (2507.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 21375 (2562.5MHz) | QPSK | 75 RB / 0 RB Offset |
|---|---|---|---|---|---|

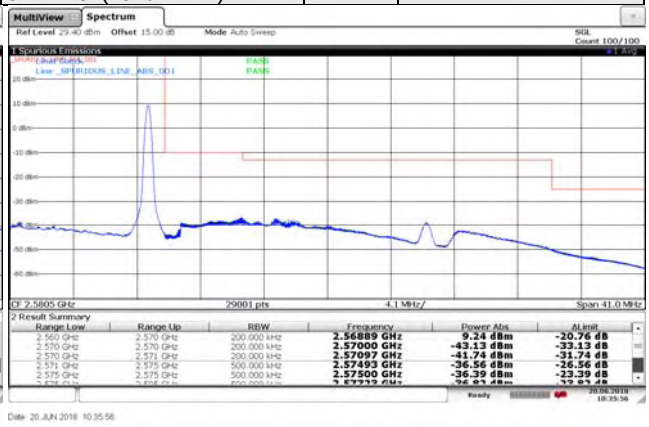


| Channel Bandwidth: 20MHz | | | | | |
|---|---|---|---|---|---|
| Channel 20850 (2510MHz) | QPSK | 1 RB / 0 RB Offset | Channel 21350 (2560MHz) | QPSK | 1 RB / 99RB Offset |
|  | | |  | | |
| Channel 20850 (2510MHz) | QPSK | 100 RB / 0 RB Offset | Channel 21350 (2560MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

LTE Band 7
CA Mode

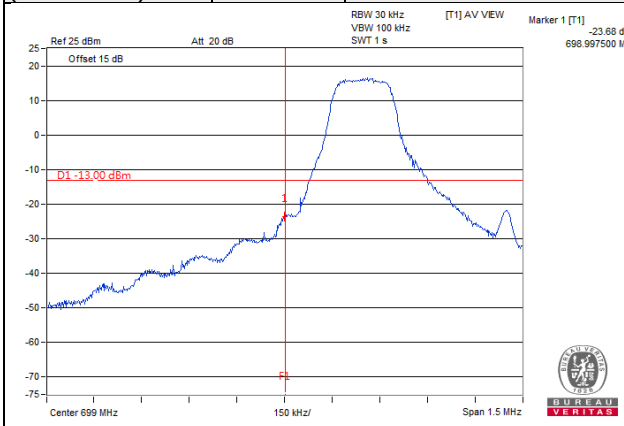
| Channel Bandwidth: 20MHz+20MHz | | | | | |
|---|---|---|---|---|---|
| Ch. 20850(2510.0MHz)+ Ch. 21048(2529.8MHz) | QPSK | 1 RB / 0 RB Offset | Ch. 21350(2560.0MHz)+ Ch. 21152(2540.2MHz) | QPSK | 1 RB / 0 RB Offset |

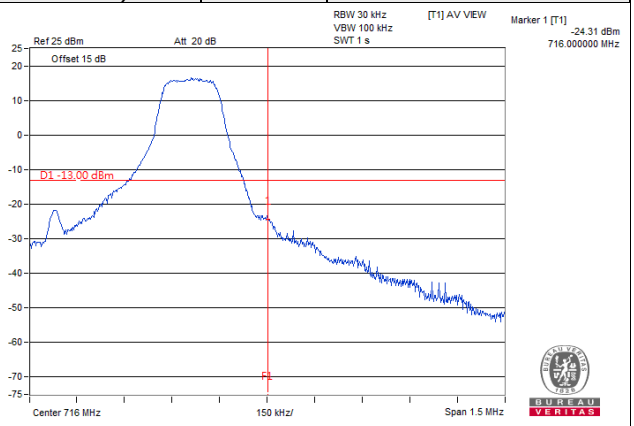




| Ch. 20850(2510.0MHz)+ Ch. 21048(2529.8MHz) | QPSK | 100 RB / 0 RB Offset | Ch. 21350(2560.0MHz) + Ch. 21152(2540.2MHz) | QPSK | 100 RB / 0 RB Offset |
|---|---|---|---|---|---|

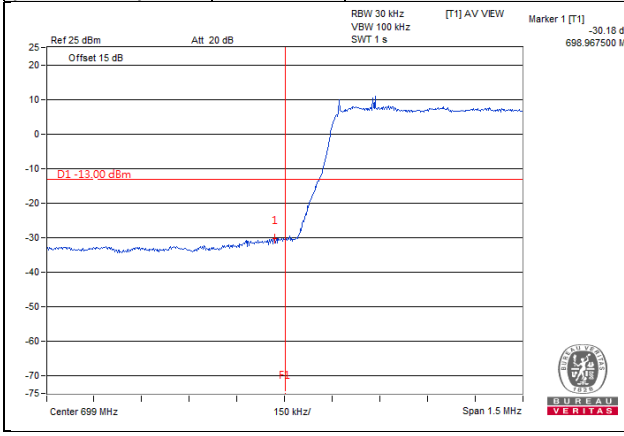

LTE Band 12

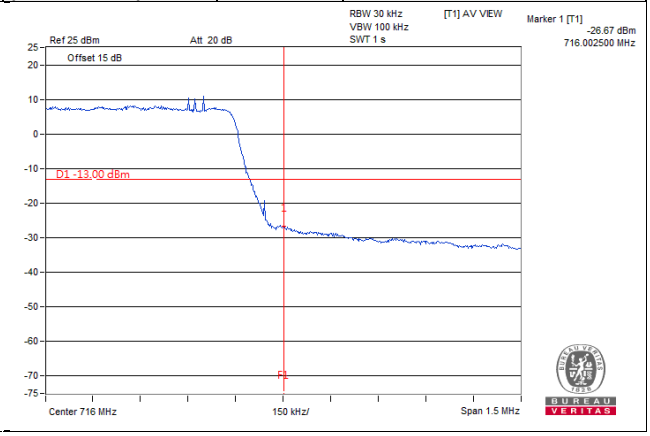
| Channel Bandwidth: 1.4MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23017 (699.7MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23171 (715.3MHz) | QPSK | 1 RB / 5 RB Offset |

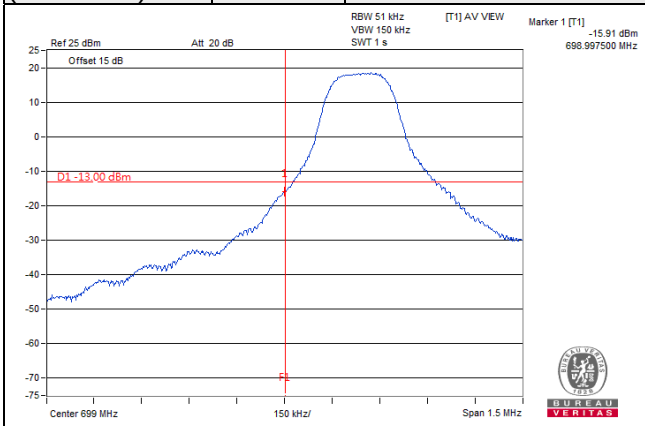
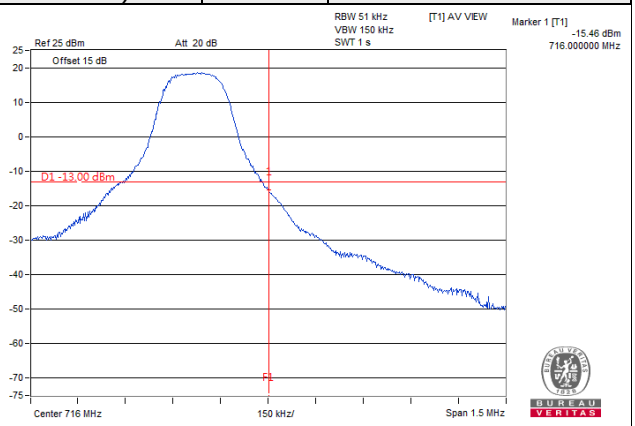
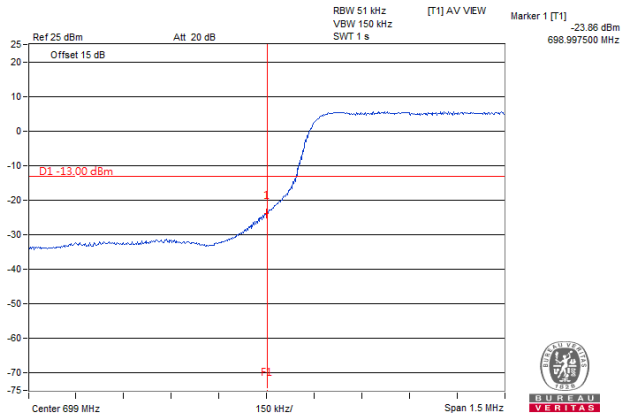
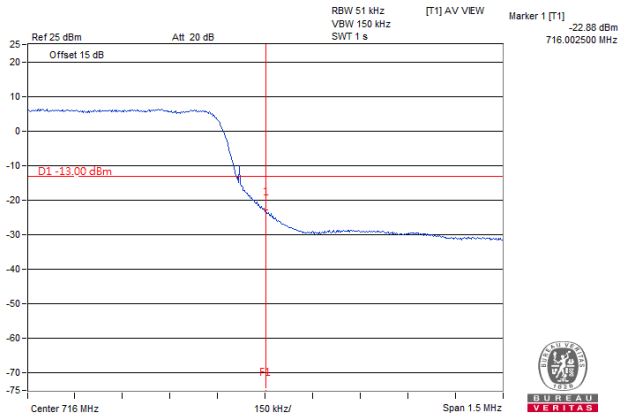


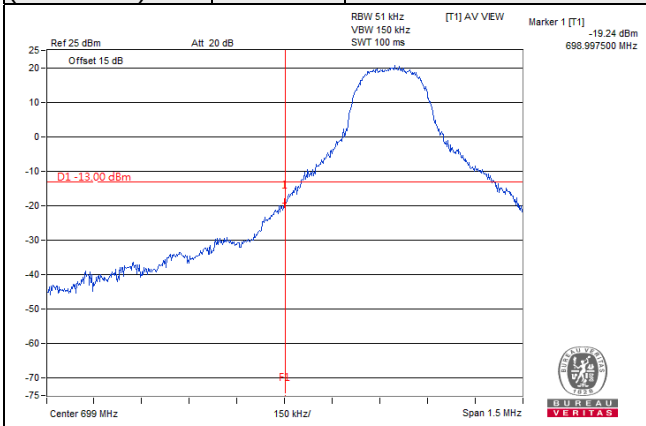
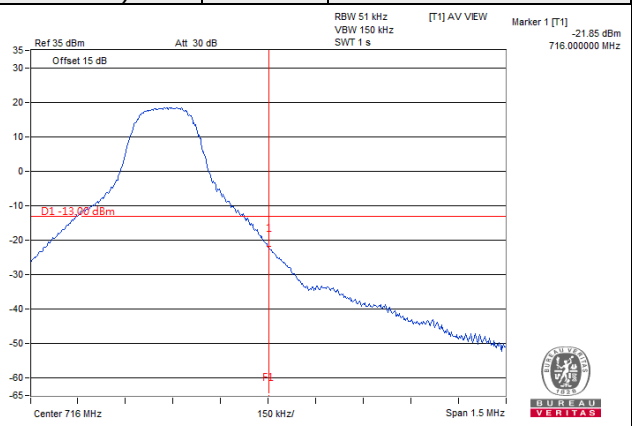
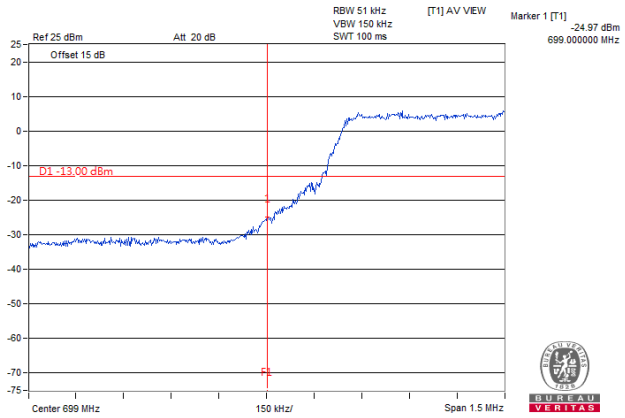
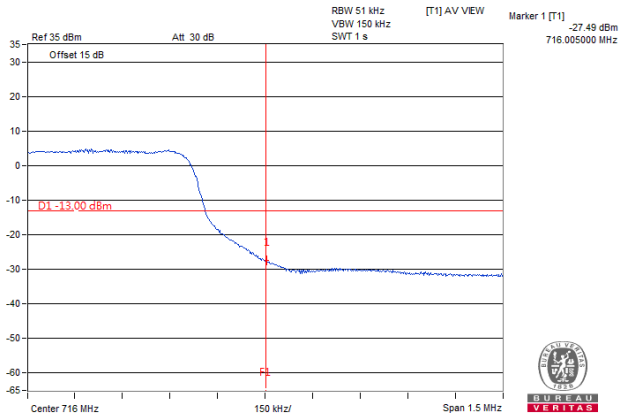



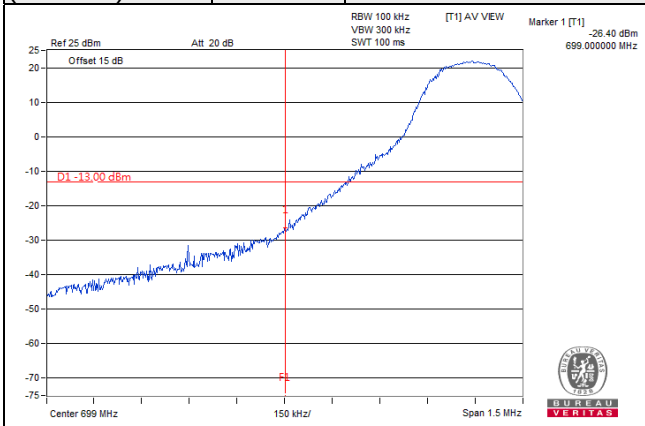
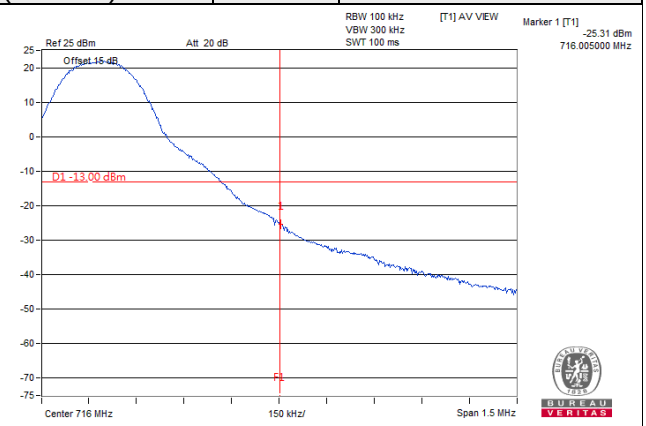
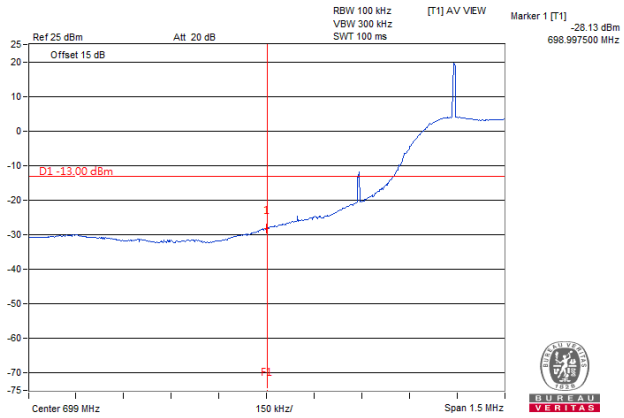
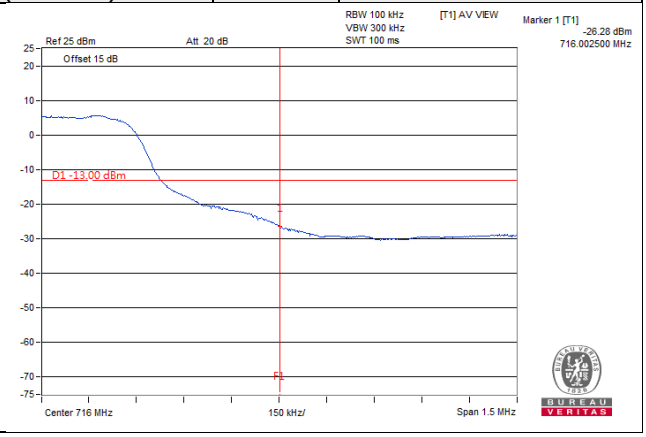

| Channel 23017 (699.7MHz) | QPSK | 6 RB / 0 RB Offset | Channel 23171 (715.3MHz) | QPSK | 6 RB / 0 RB Offset |
|---|---|---|---|---|---|



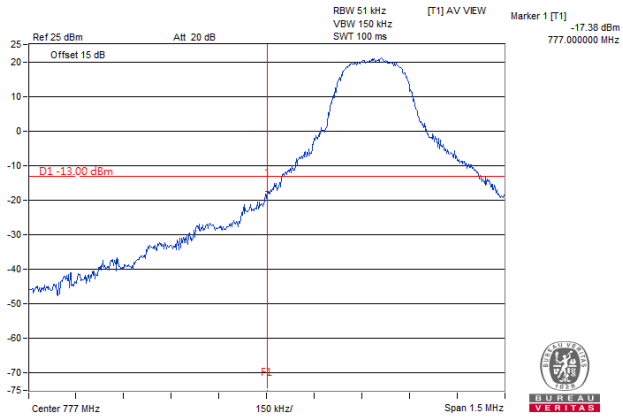
| Channel Bandwidth: 3MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23025 (700.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23165 (714.5MHz) | QPSK | 1 RB / 14RB Offset |
|  | | |  | | |
| Channel 23025 (700.5MHz) | QPSK | 15 RB / 0 RB Offset | Channel 23165 (714.5MHz) | QPSK | 15 RB / 0 RB Offset |
|  | | |  | | |

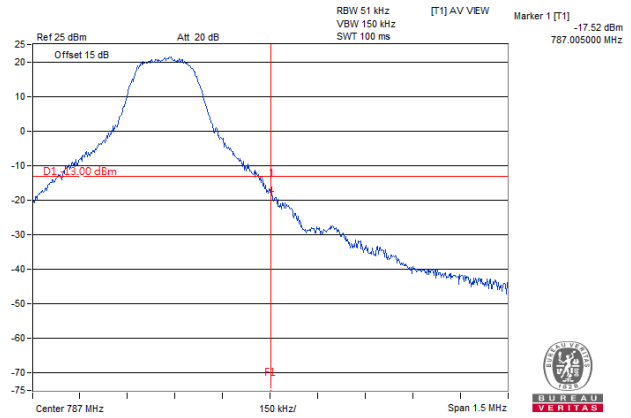
| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23035 (701.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23155 (713.5MHz) | QPSK | 1 RB / 24RB Offset |
|  | | |  | | |
| Channel 23035 (701.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 23155 (713.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23060 (704MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23130 (711MHz) | QPSK | 1 RB / 24RB Offset |
|  | | |  | | |
| Channel 23060 (704MHz) | QPSK | 50 RB / 0 RB Offset | Channel 23130 (711MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

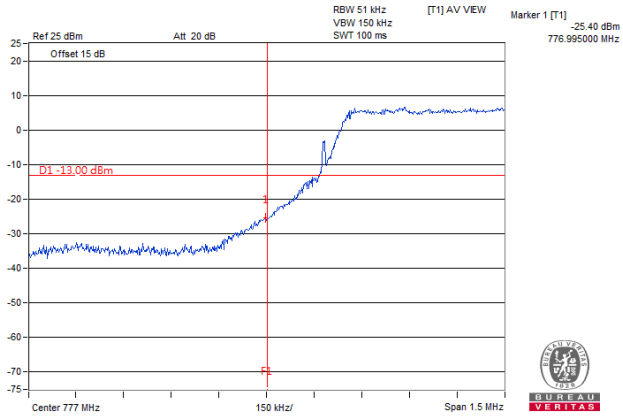
LTE Band 13

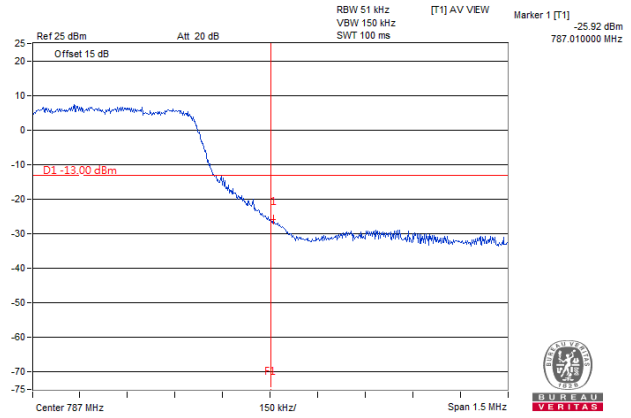
| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23205 (779.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23255 (784.5MHz) | QPSK | 1 RB / 24 RB Offset |

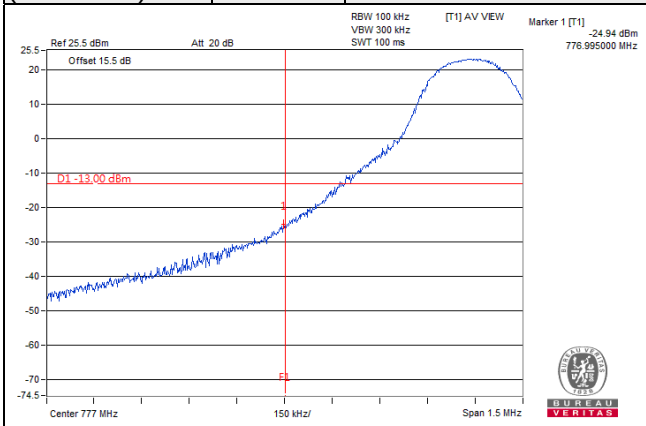
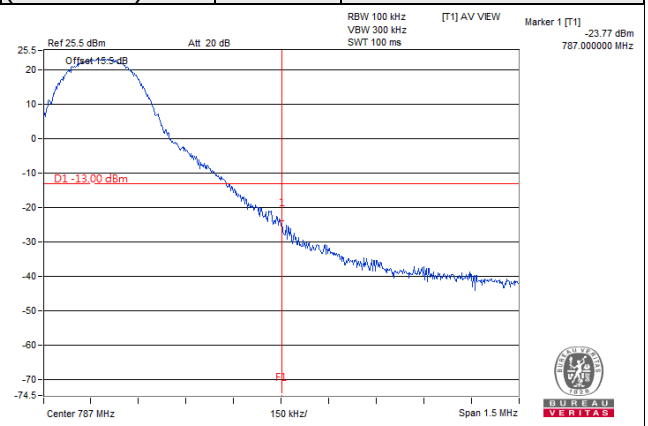
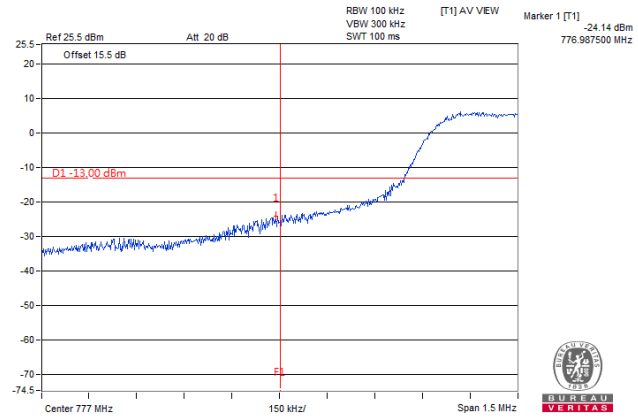
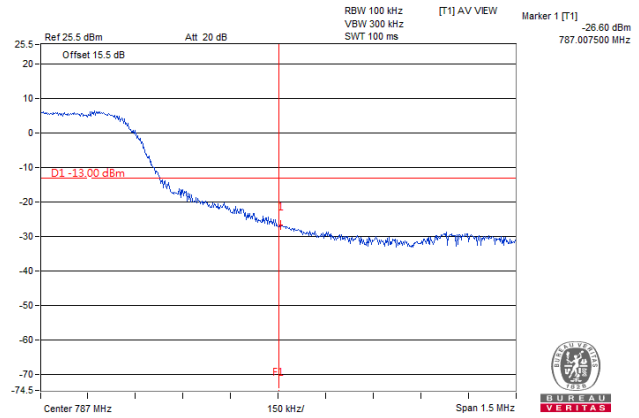



| Channel 23205 (779.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 23255 (784.5MHz) | QPSK | 25 RB / 0 RB Offset |
|---|---|---|---|---|---|

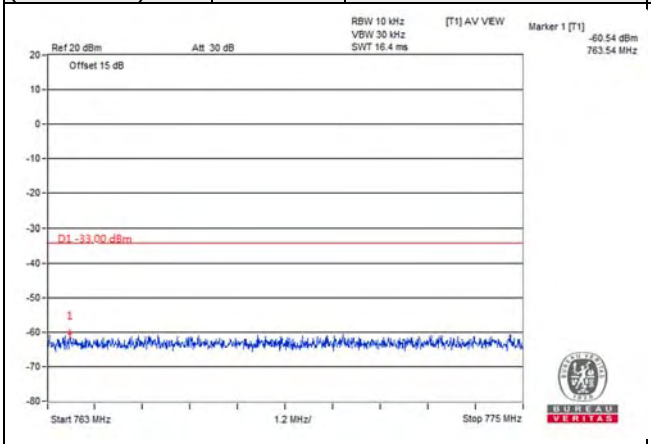


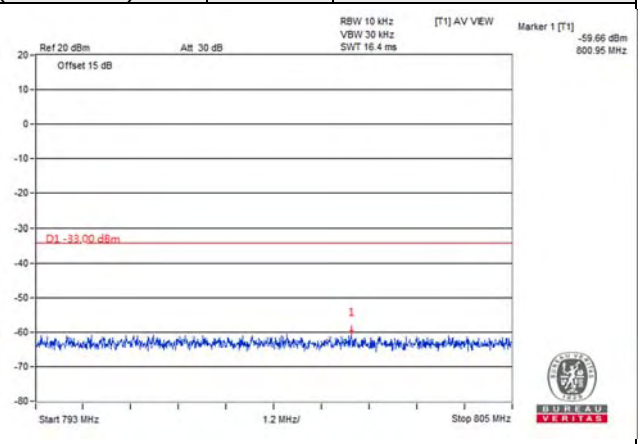



| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23230 (782.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23230 (782.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 23230 (782.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 23230 (782.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

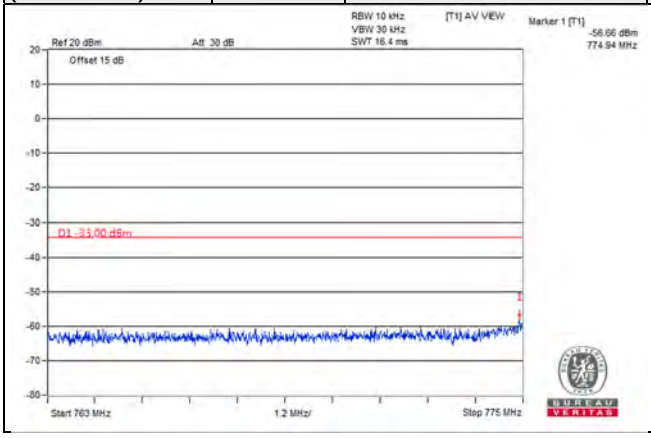
LTE Band 13

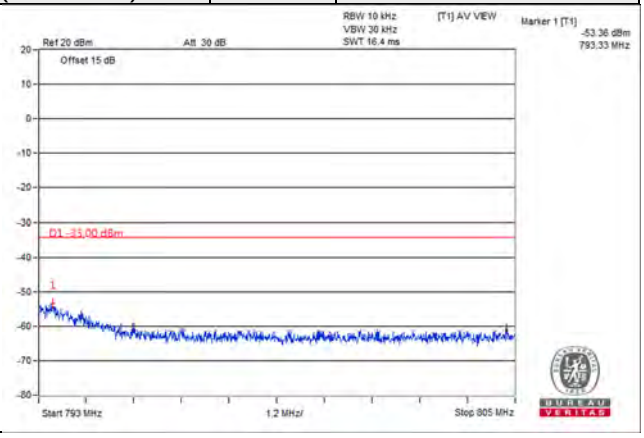
| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23205 (779.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23255 (784.5MHz) | QPSK | 1 RB / 24 RB Offset |



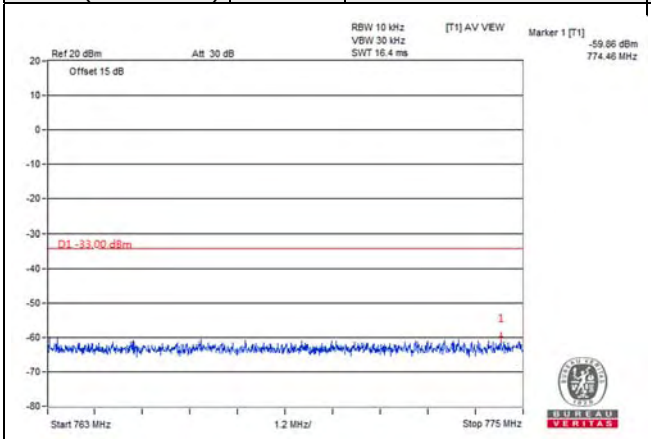
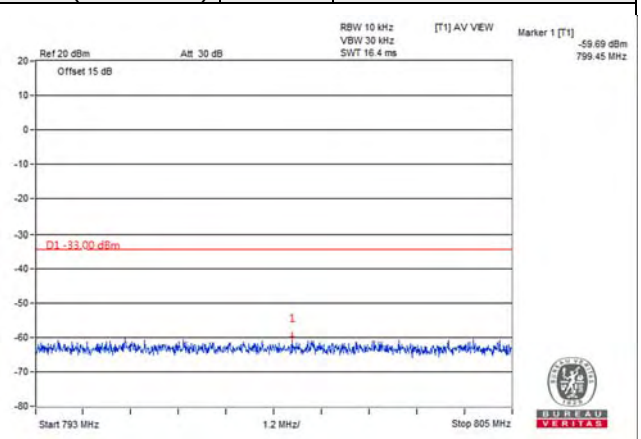
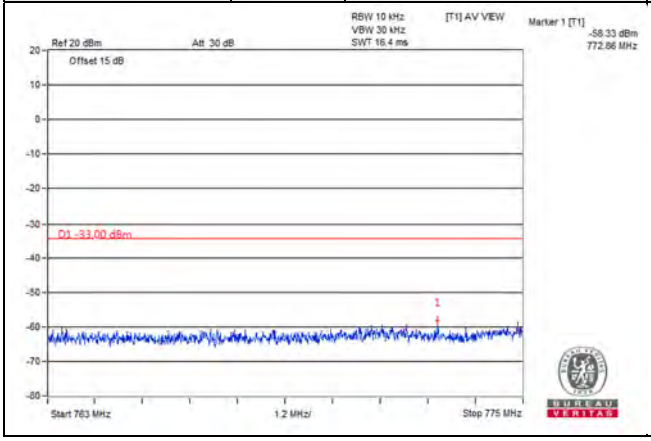
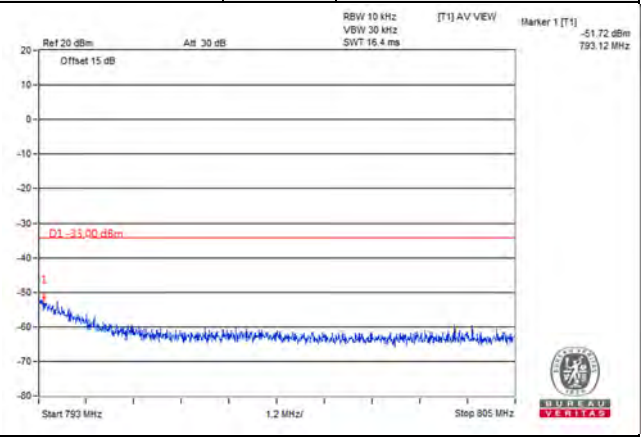




| Channel 23205 (779.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 23255 (784.5MHz) | QPSK | 25 RB / 0 RB Offset |
|---|---|---|---|---|---|



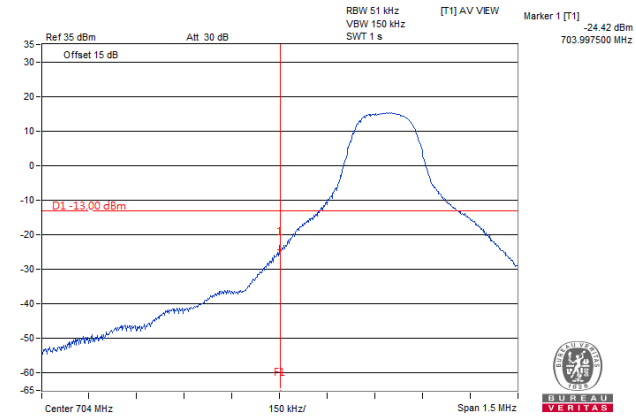

For the 763 - 775 MHz and 793 - 805 MHz band, the FCC limit is 65+10log(P[watt]) in a 6.25 kHz bandwidth. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance. By using a 10 kHz bandwidth on the spectrum analyzer.
10log(10kHz/6.25kHz) = 2.04 dB
Limit line = -35 dBm + 2.04 dB = -32.96 dBm

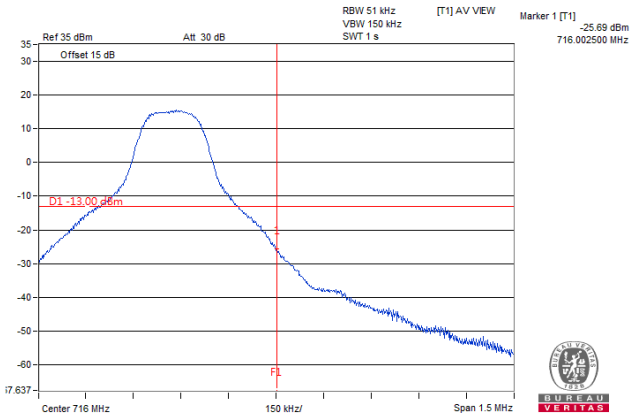
| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23230(782.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23230(782.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 23230(782.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 23230(782.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

For the 763 - 775 MHz and 793 - 805 MHz band, the FCC limit is 65+10log(P[watt]) in a 6.25 kHz bandwidth. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance. By using a 10 kHz bandwidth on the spectrum analyzer.
10log(10kHz/6.25kHz) = 2.04 dB
Limit line = -35 dBm + 2.04 dB = -32.96 dBm

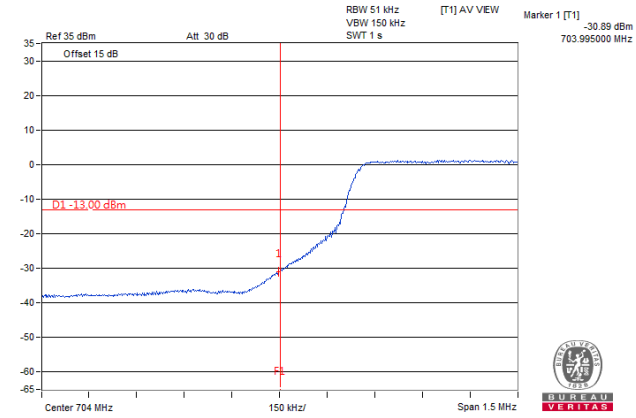
LTE Band 17

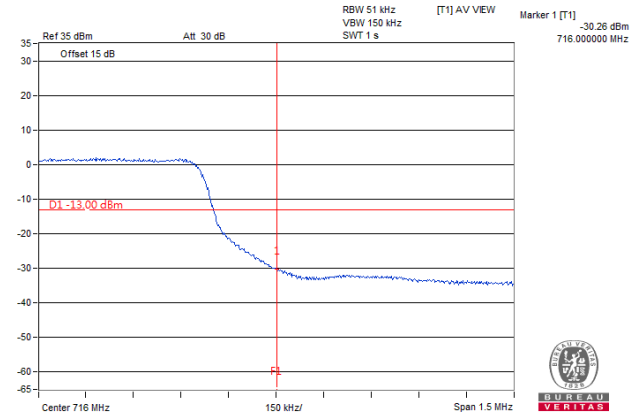
| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23755 (706.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23825 (713.5MHz) | QPSK | 1 RB / 24 RB Offset |

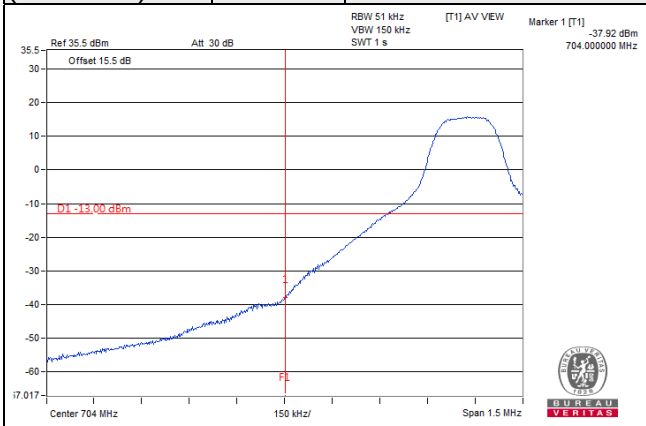
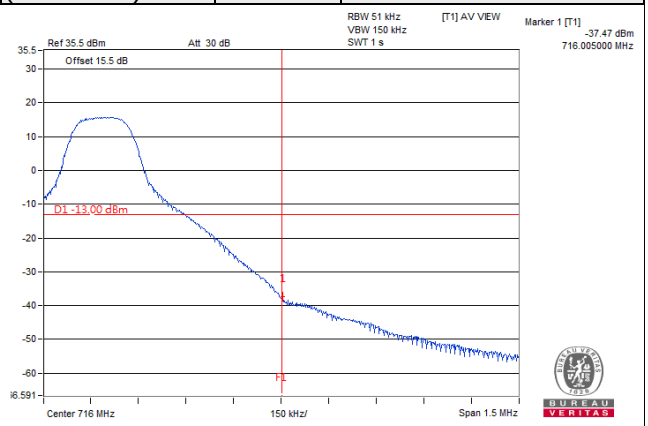
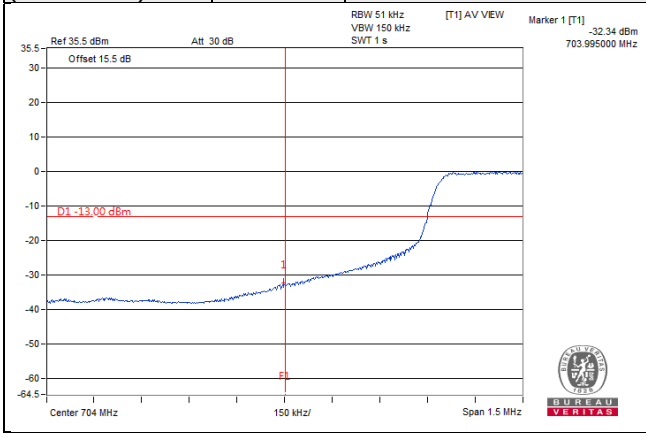
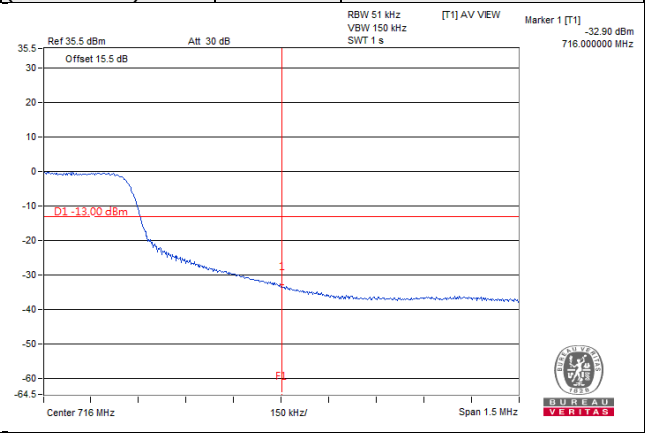


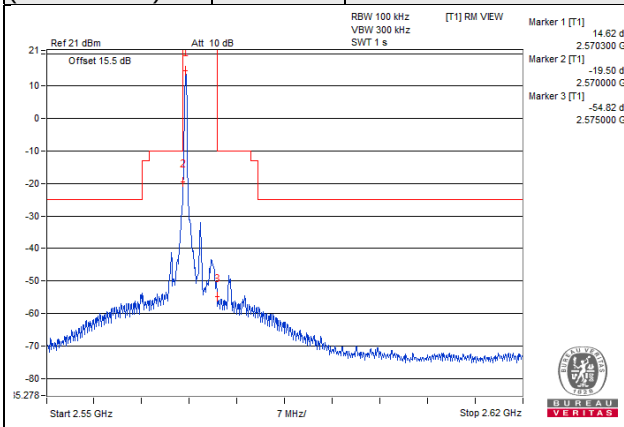
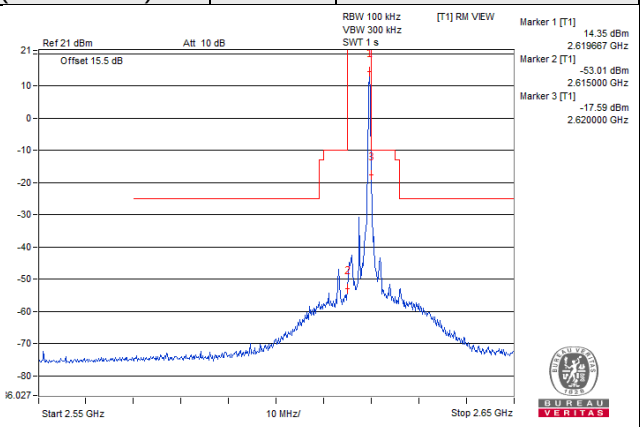
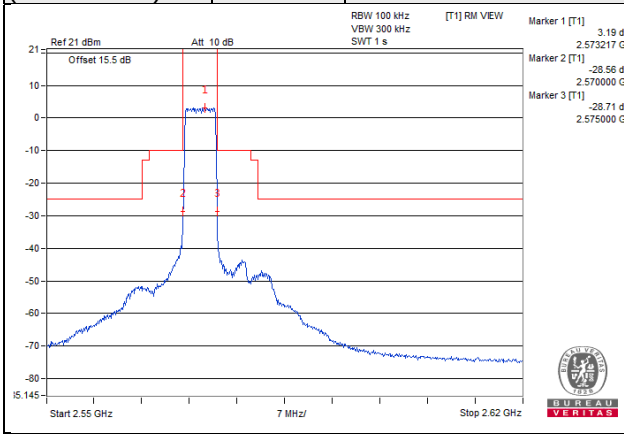
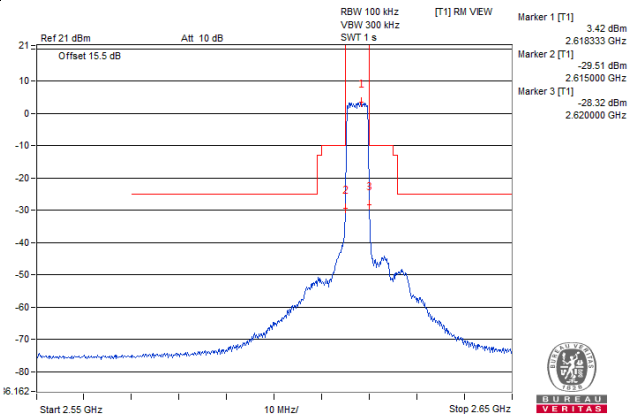

| Channel 23755 (706.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 23825 (713.5MHz) | QPSK | 25 RB / 0 RB Offset |
|---|---|---|---|---|---|

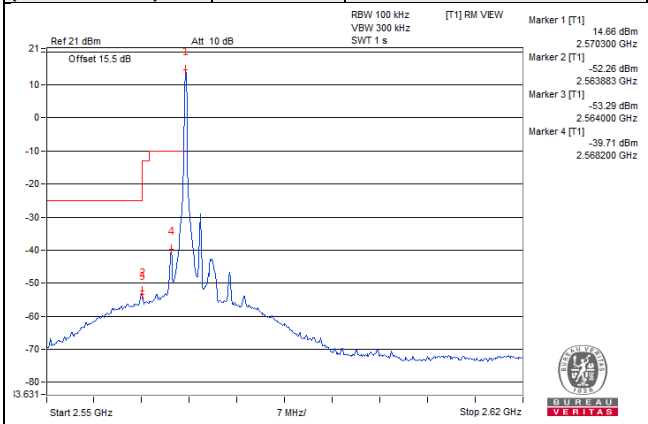
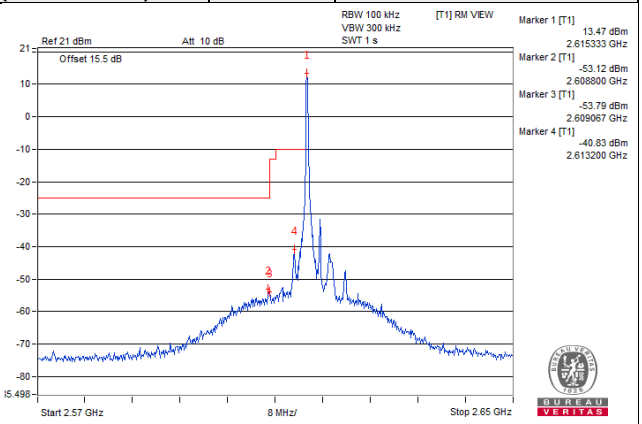
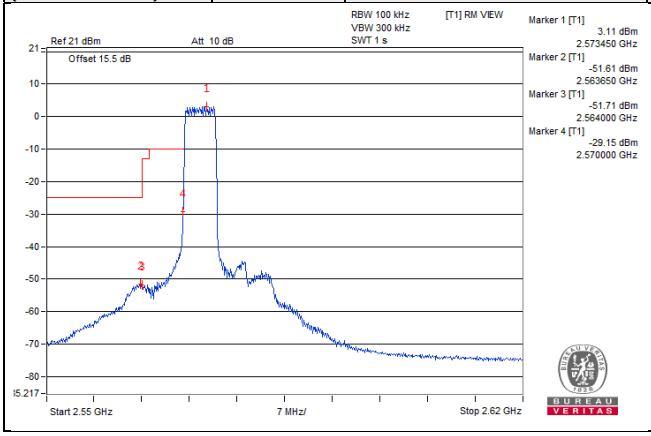
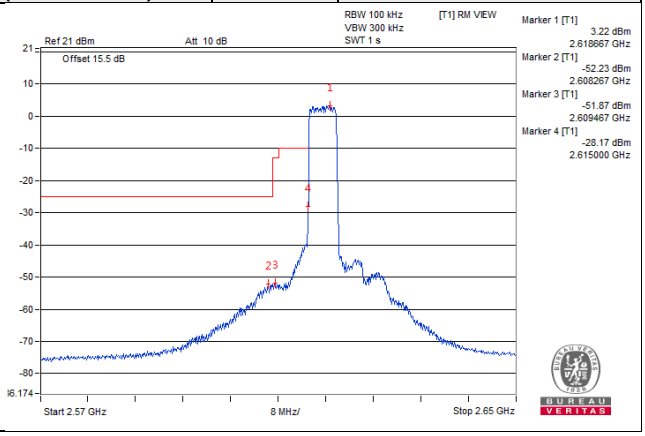


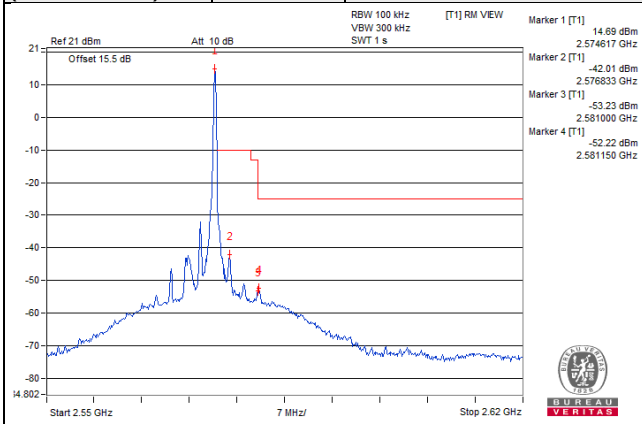
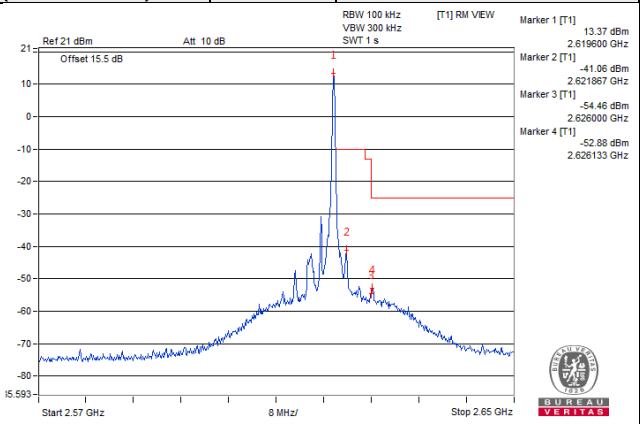
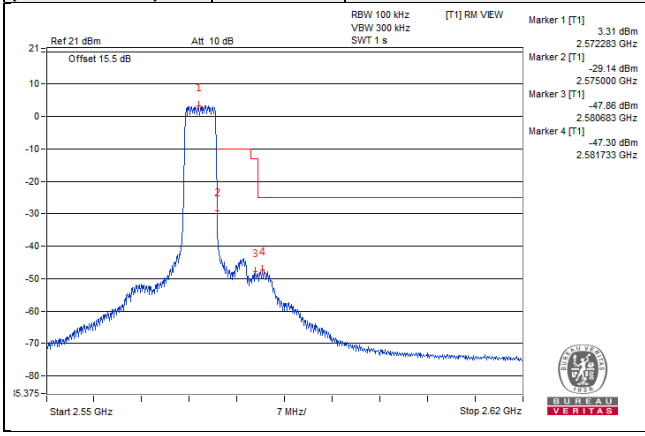
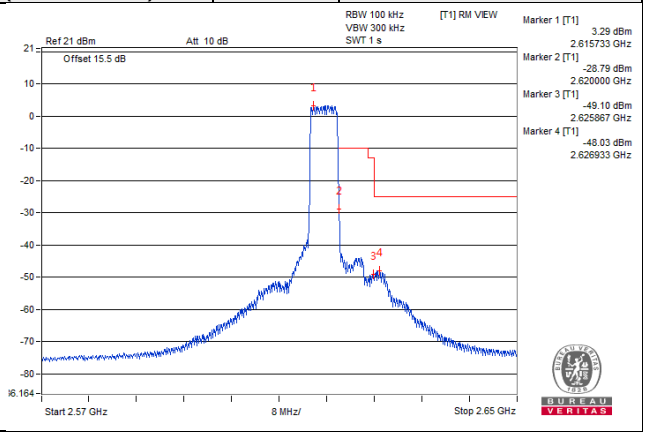



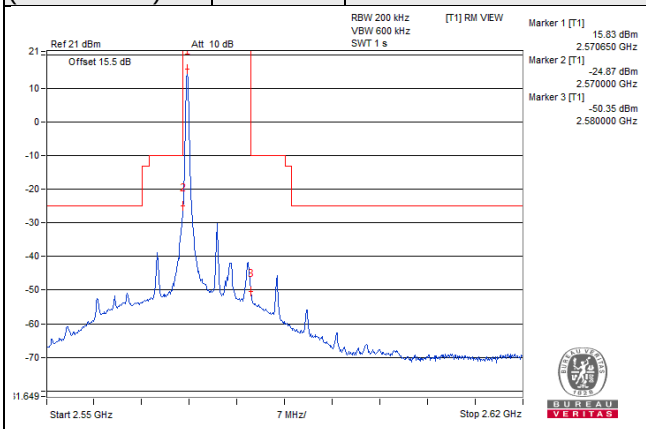
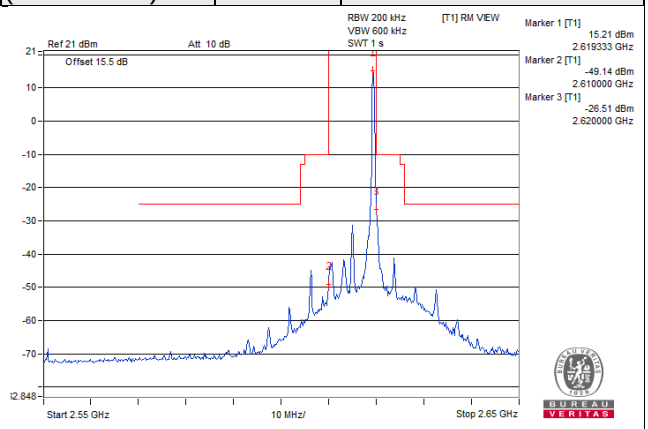
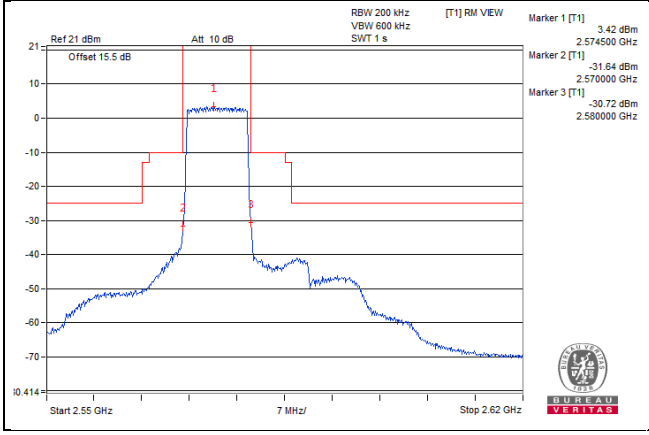
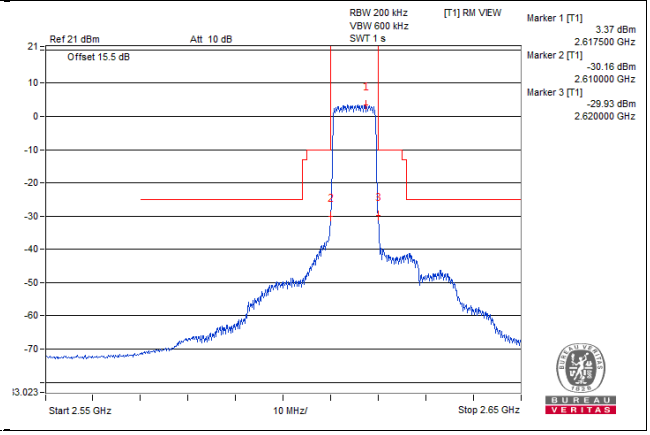
| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 23780 (709.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 23790 (711.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 23780 (709.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 23790 (711.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

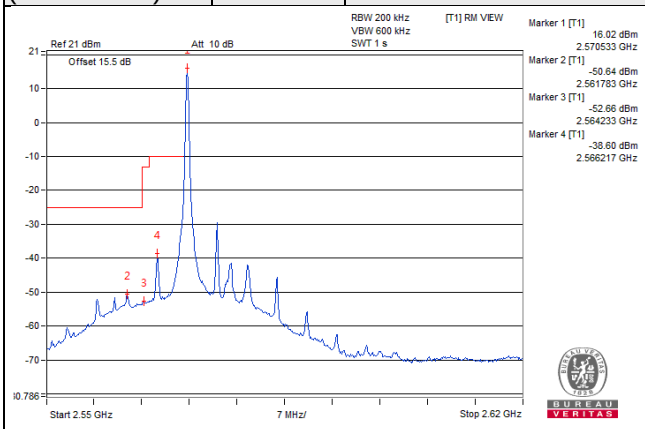
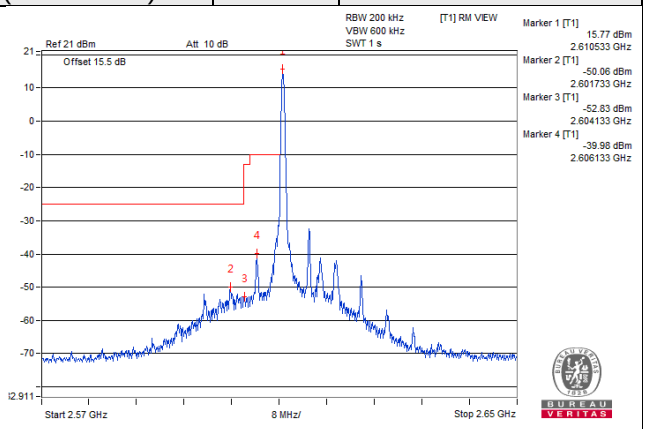
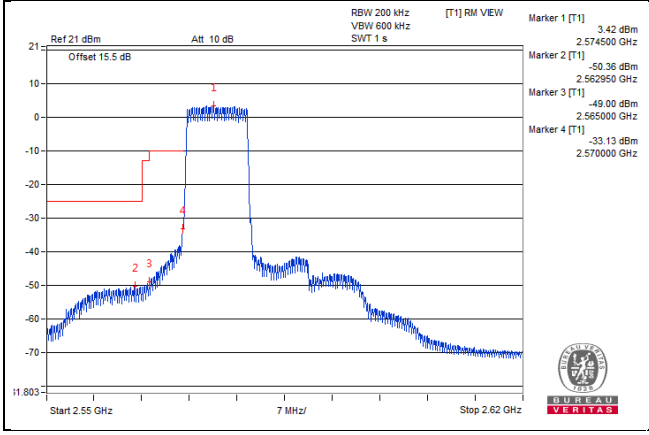
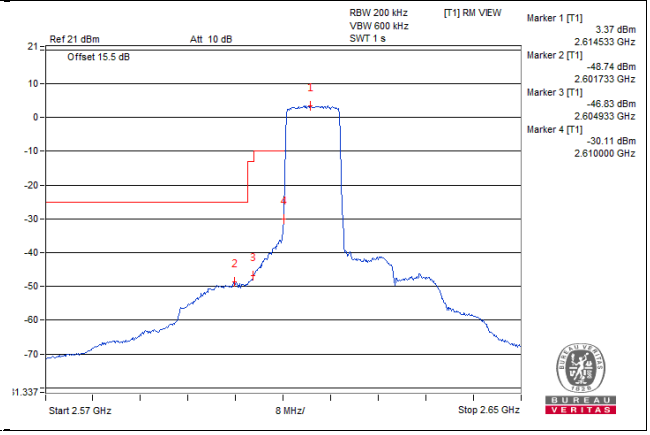
LTE Band 38

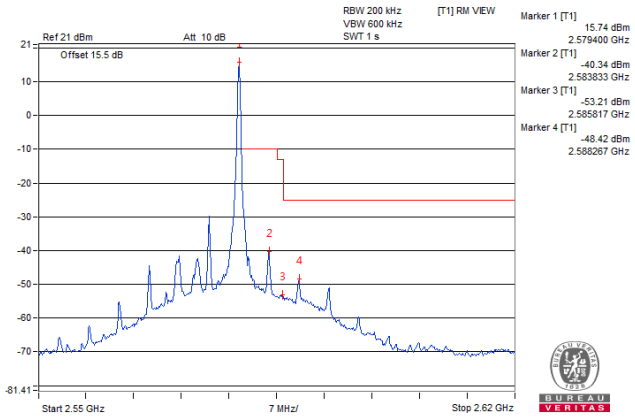
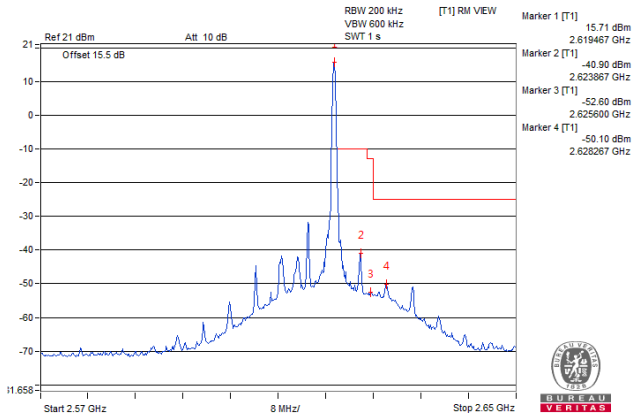
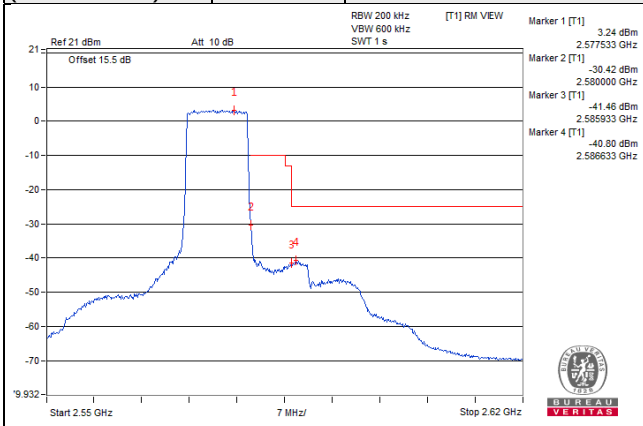
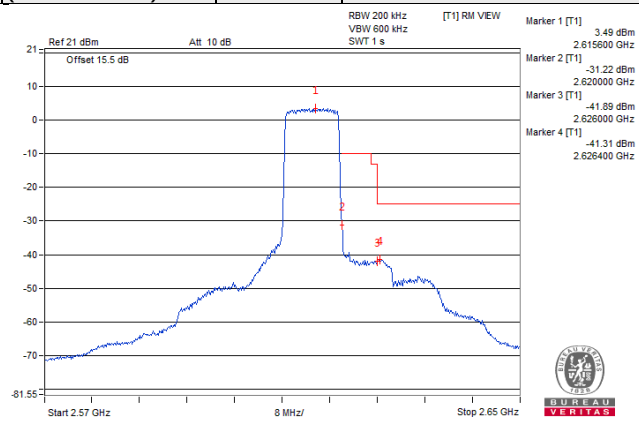
| Channel Bandwidth: 5MHz_Edge | | | | | |
|---|---|---|---|---|---|
| Channel 37775 (2572.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 37775 (2572.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

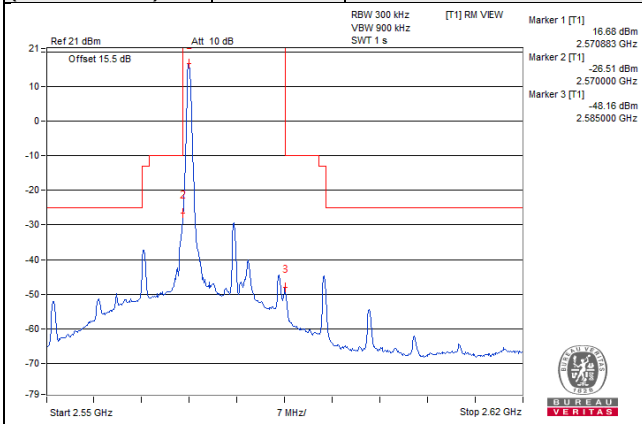
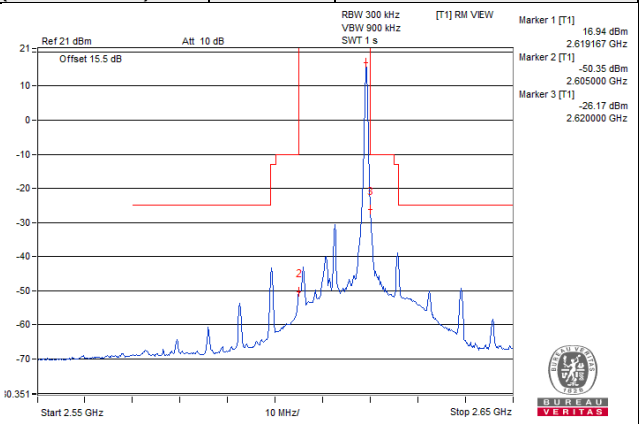
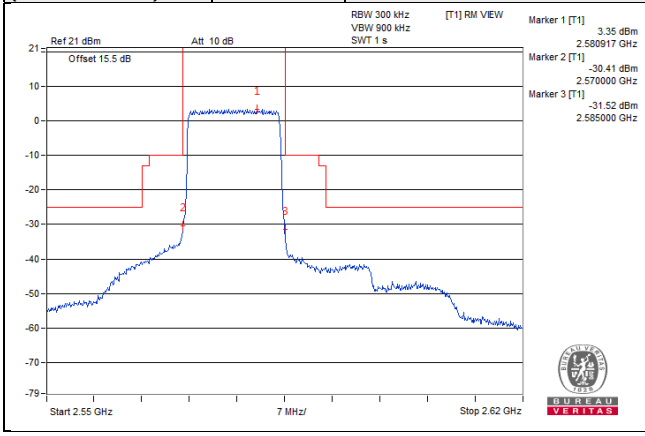
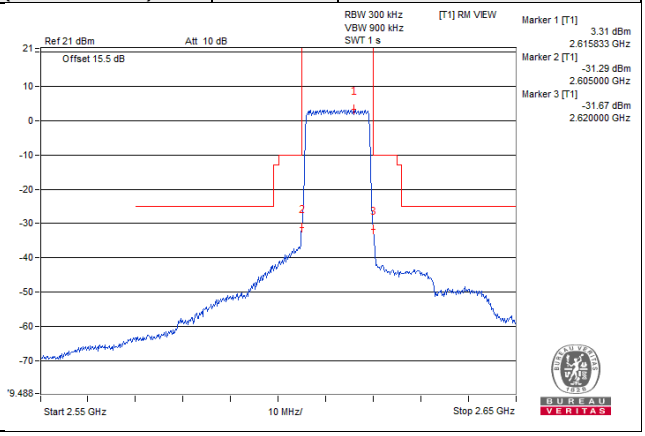
| Channel Bandwidth: 5MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 37775 (2572.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 37775 (2572.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

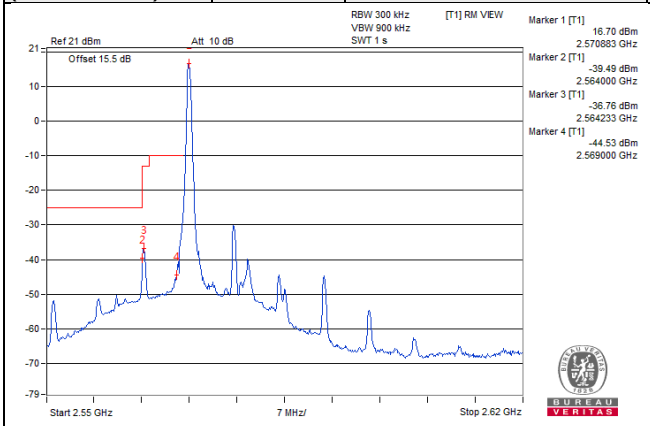
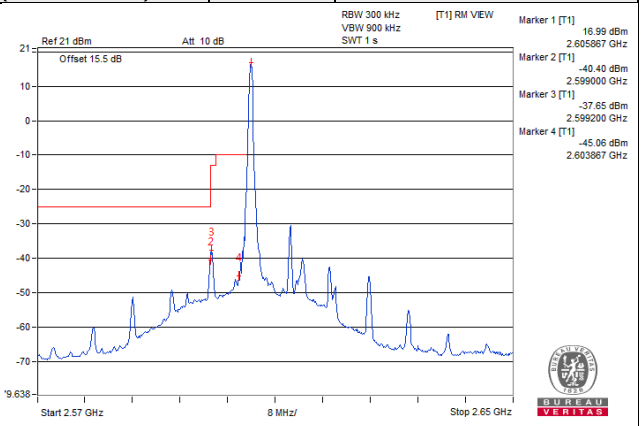
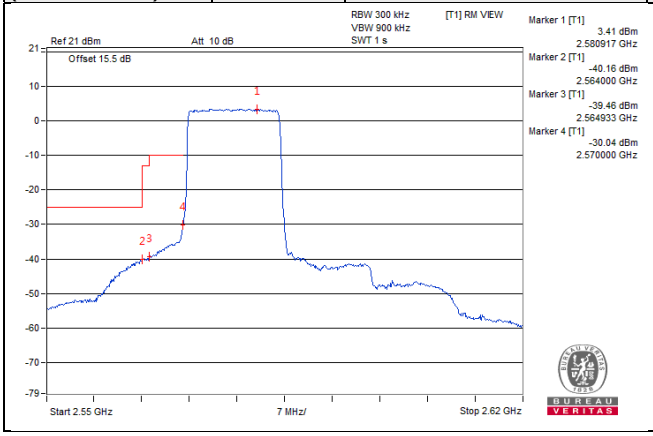
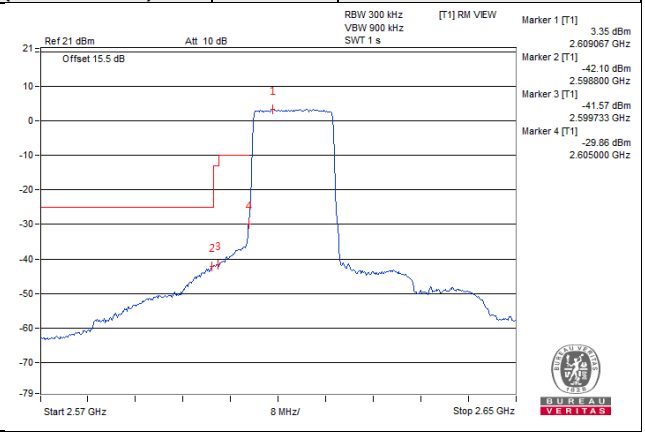
| Channel Bandwidth: 5MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 37775 (2572.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 37775 (2572.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 38225 (2617.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

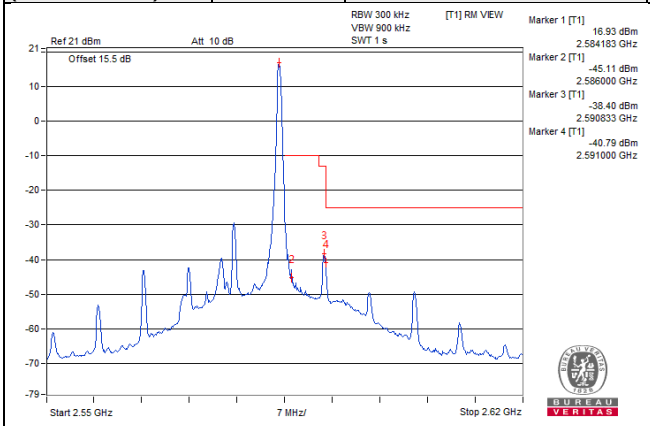
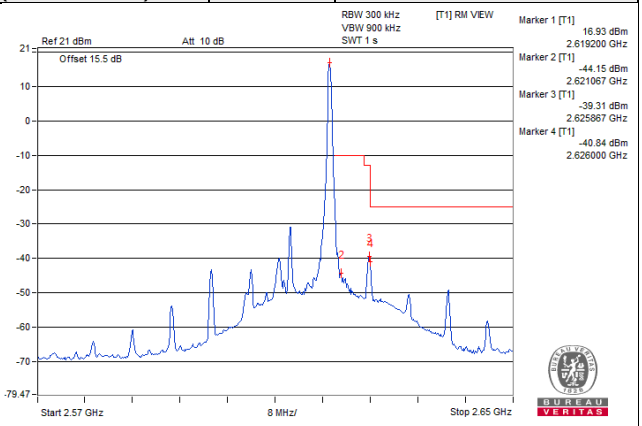
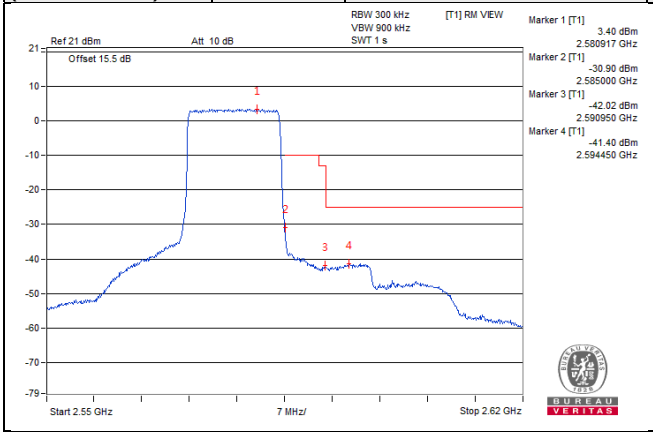
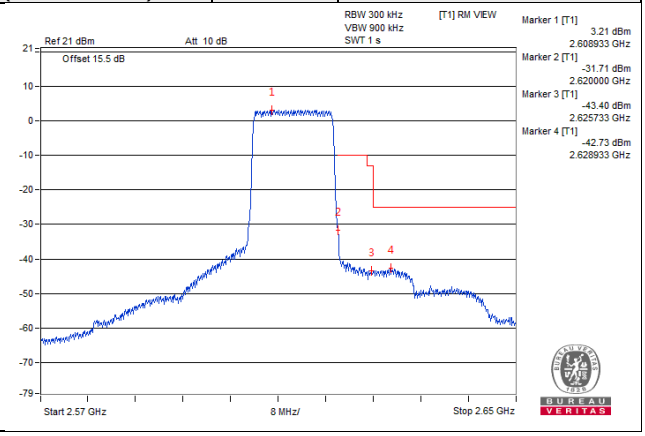
| Channel Bandwidth: 10MHz_Edge | | | | | |
|---|---|---|---|---|---|
| Channel 37800 (2575.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 37800 (2575.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

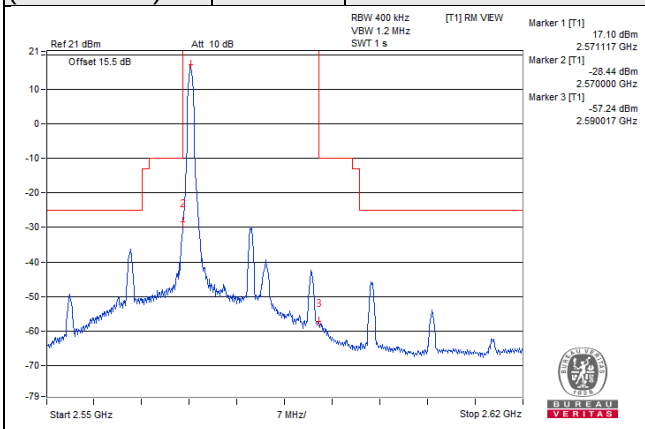
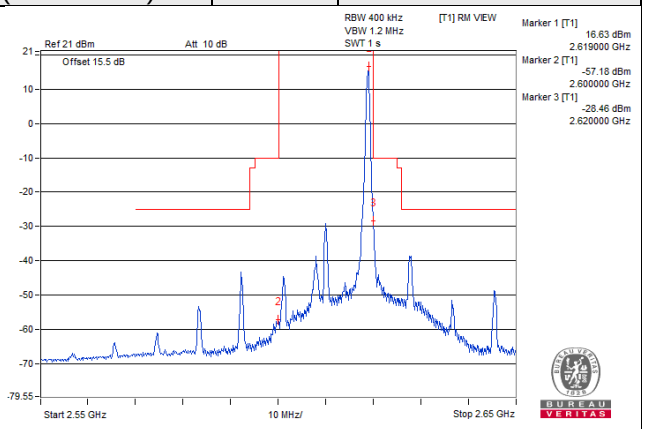
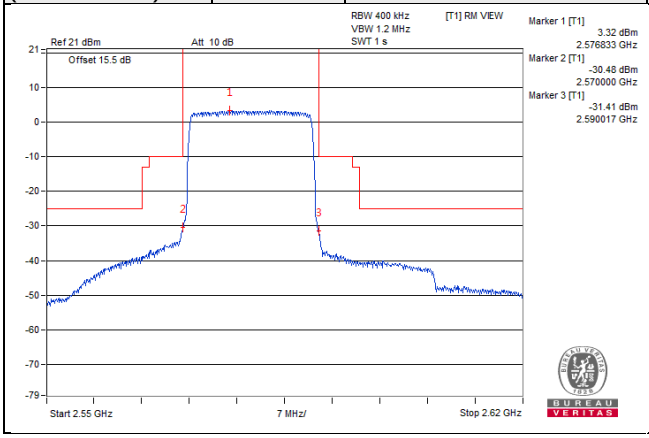
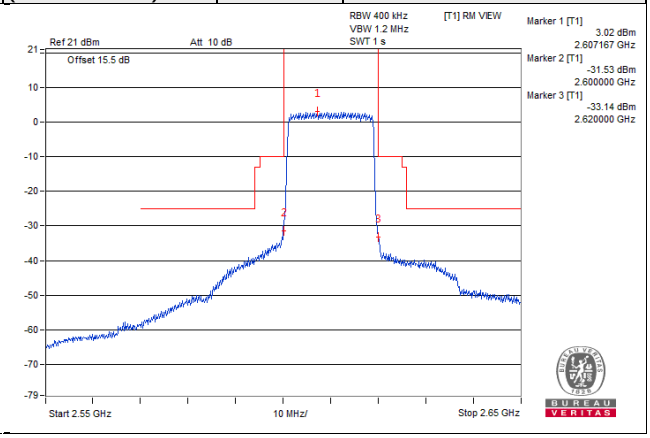
| Channel Bandwidth: 10MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 37800 (2575.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 37800 (2575.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

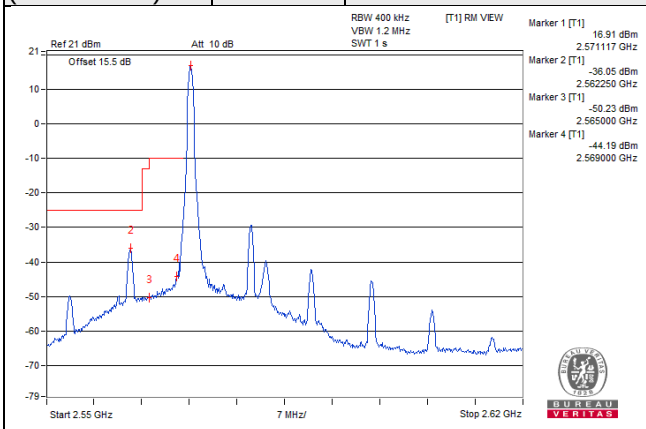
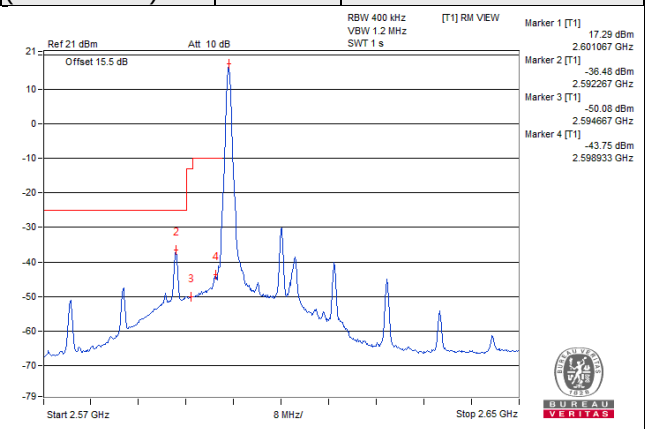
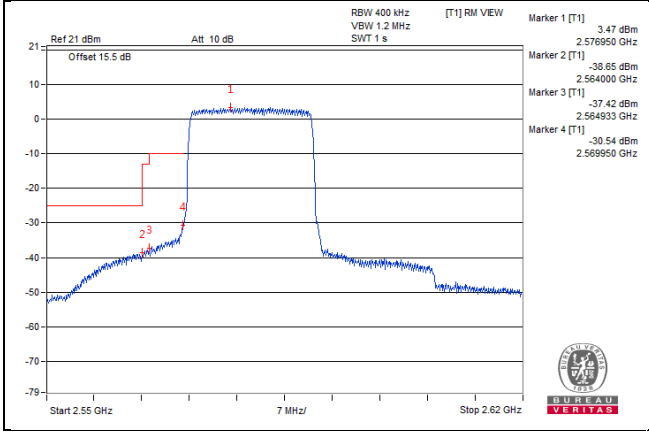
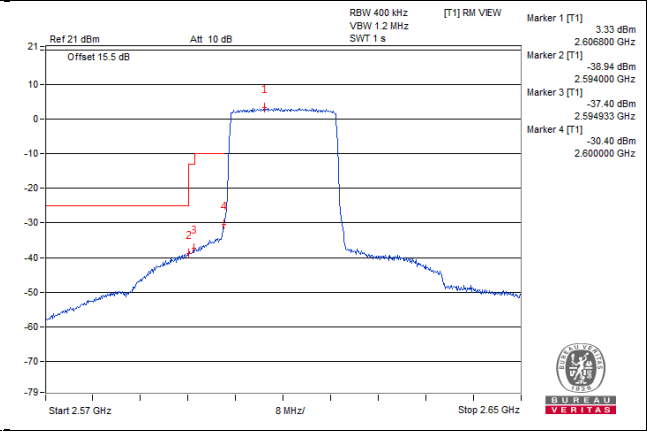
| Channel Bandwidth: 10MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 37800 (2575.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 37800 (2575.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 38200 (2615.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

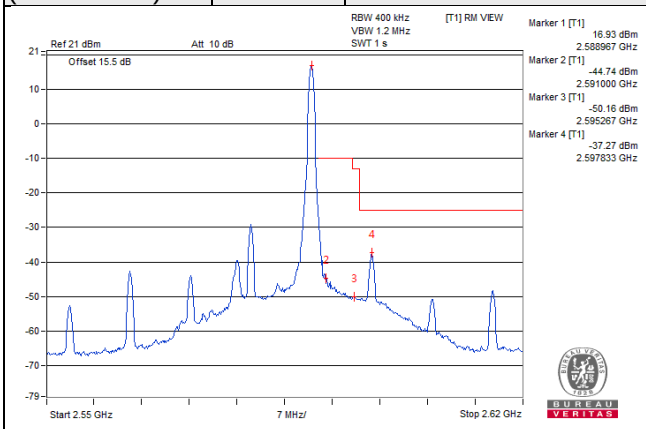
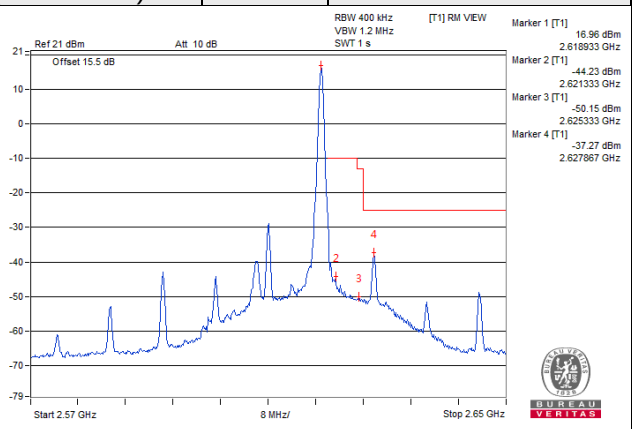
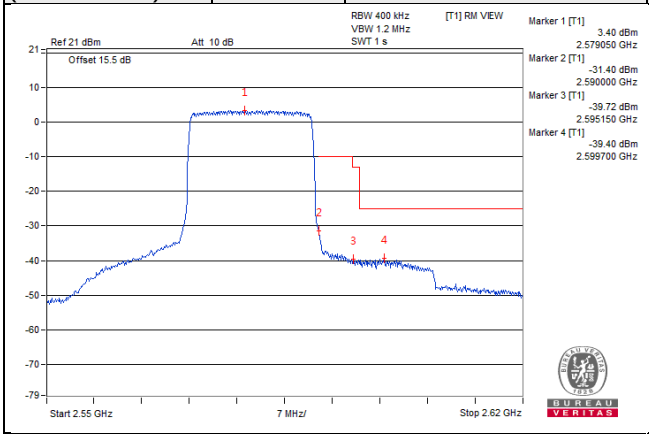
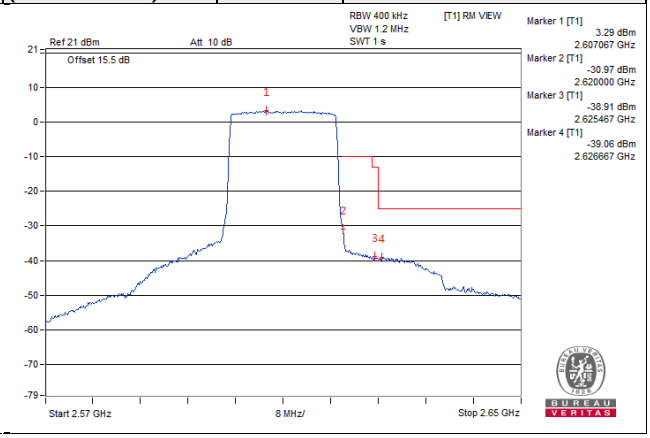
| Channel Bandwidth: 15MHz_Edge | | | | | |
|---|---|---|---|---|---|
| Channel 37825 (2577.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 1 RB / 74RB Offset |
|  | | |  | | |
| Channel 37825 (2577.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 15MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 37825 (2577.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 1 RB / 74RB Offset |
|  | | |  | | |
| Channel 37825 (2577.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 15MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 37825 (2577.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 1 RB / 74RB Offset |
|  | | |  | | |
| Channel 37825 (2577.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 38175 (2612.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 20MHz_Edge | | | | | |
|---|---|---|---|---|---|
| Channel 37850 (2580.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 37850 (2580.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 20MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 37850 (2580.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 37850 (2580.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 20MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 37850 (2580.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 37850 (2580.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 38150 (2610.0MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

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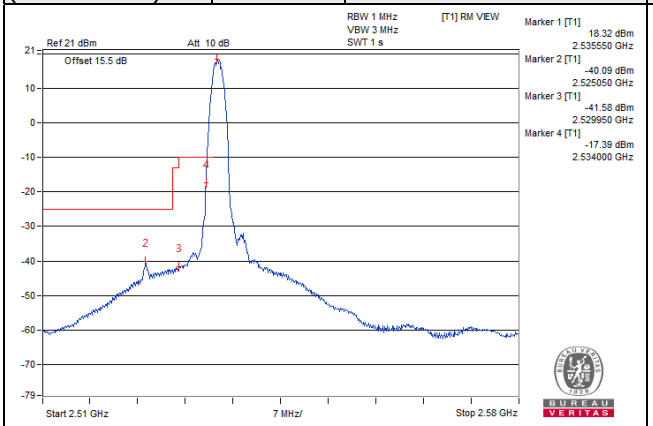
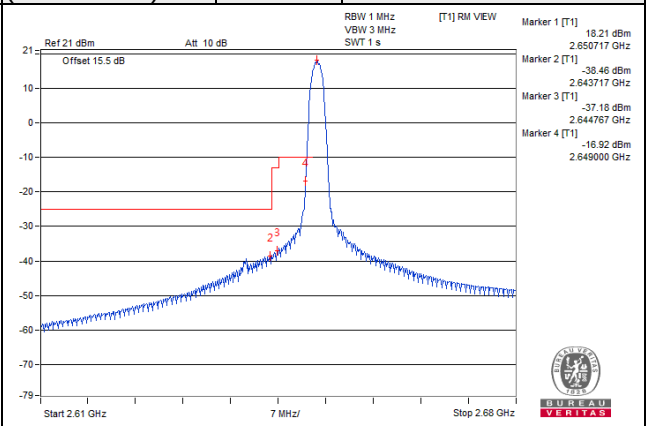
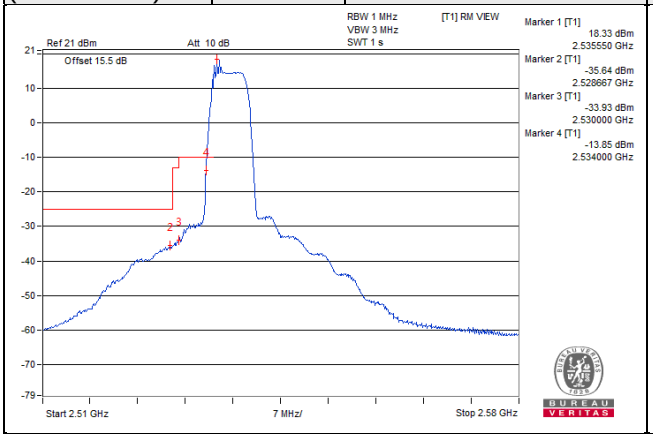
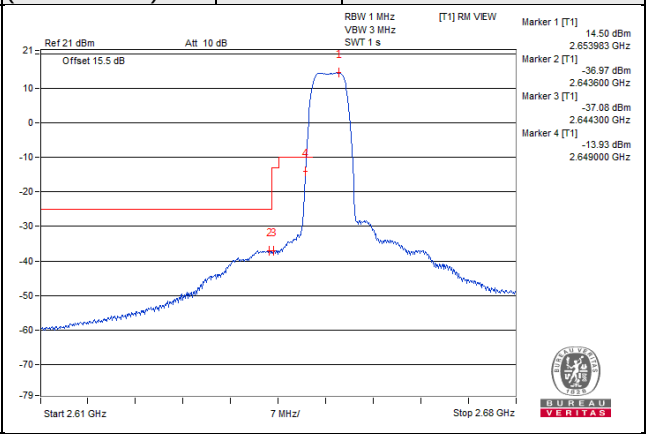
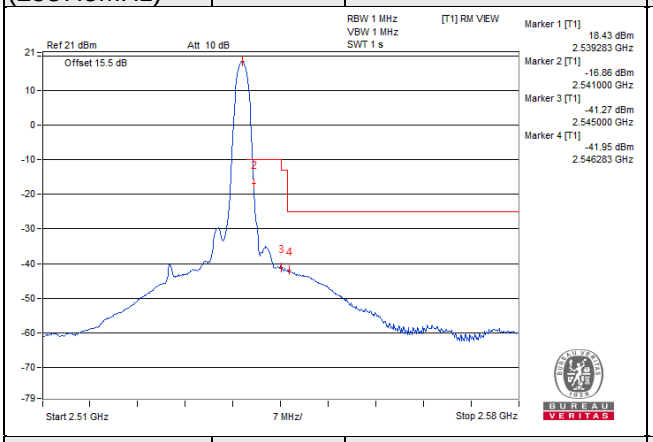
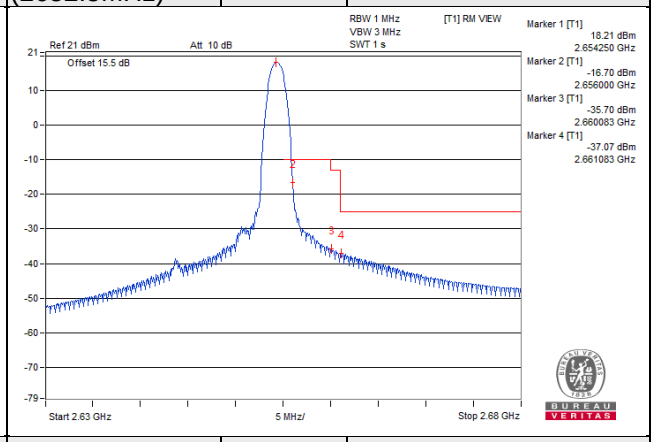
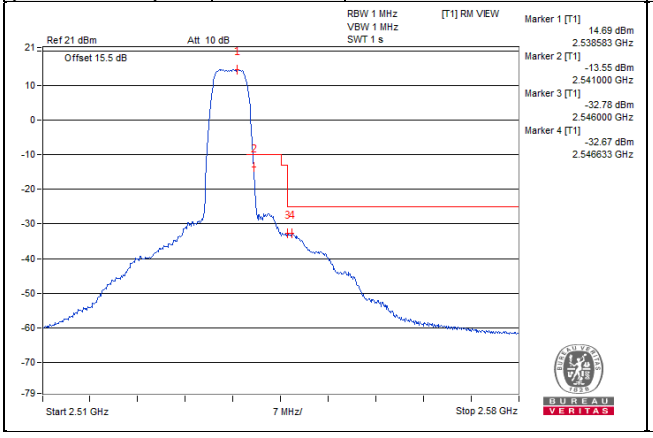
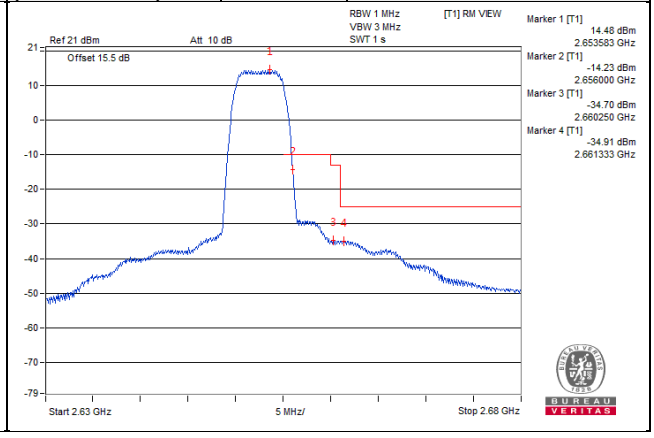
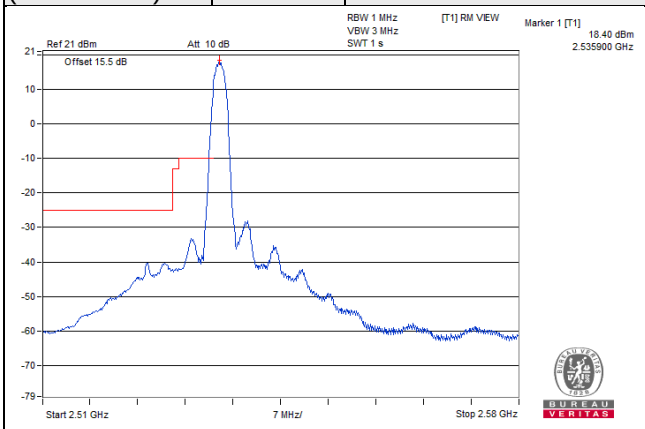
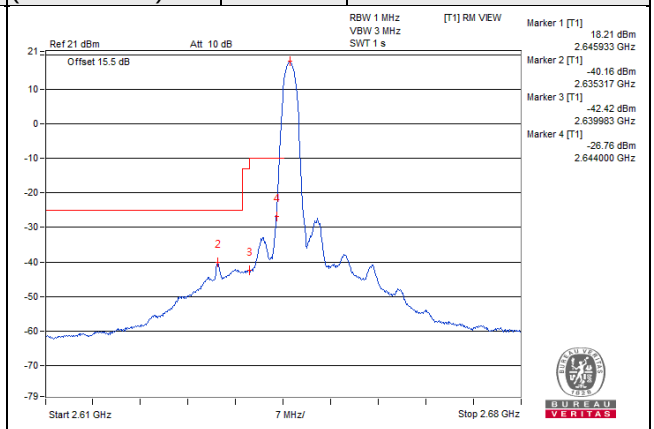
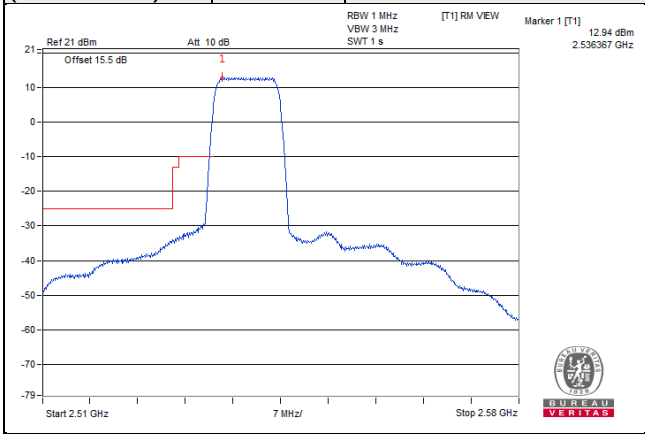
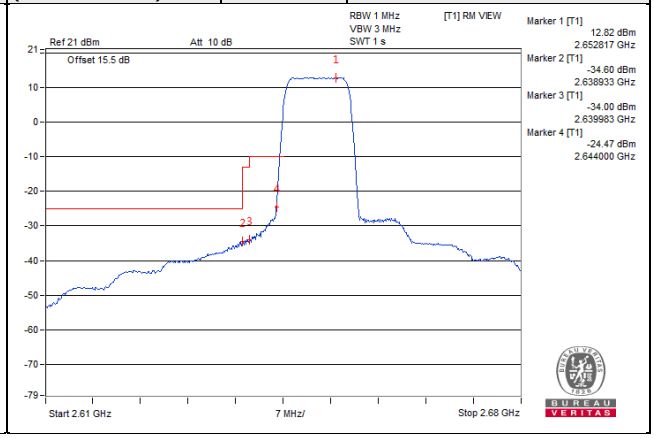
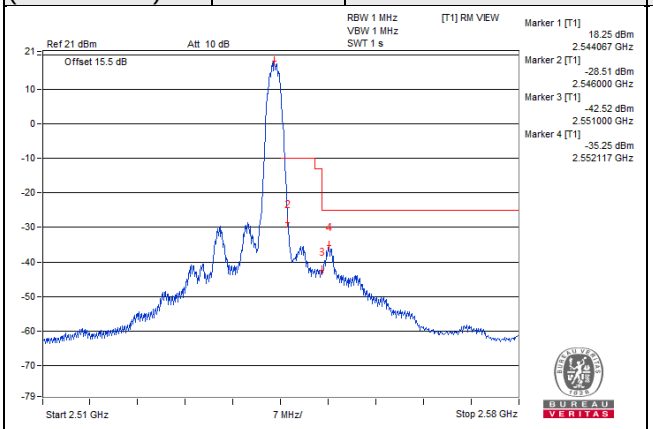
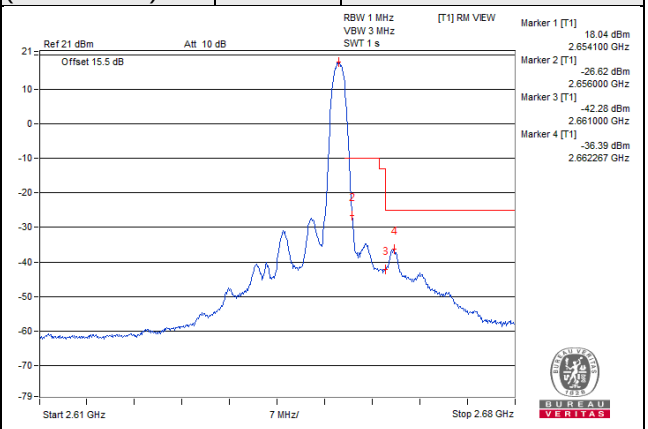
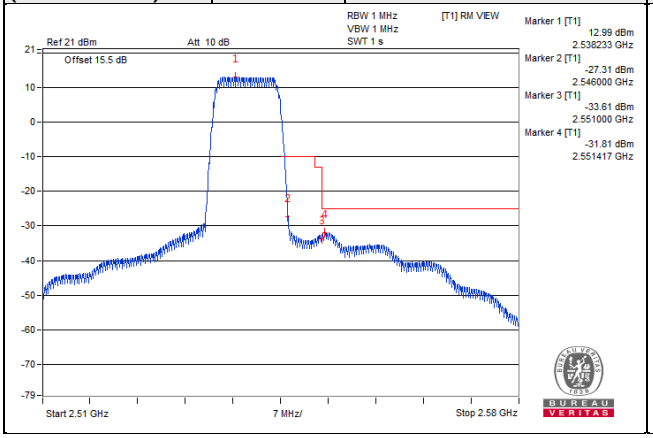
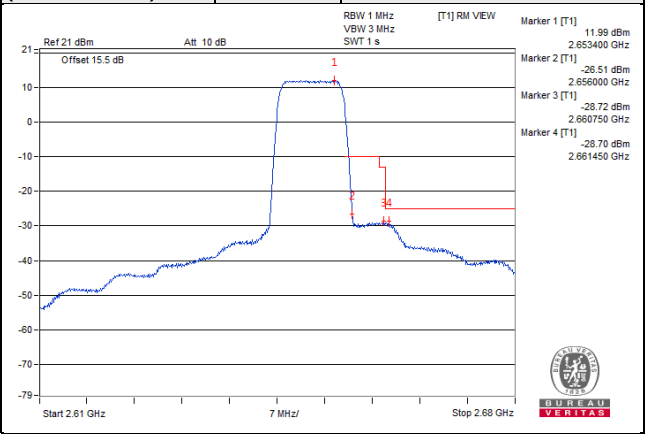
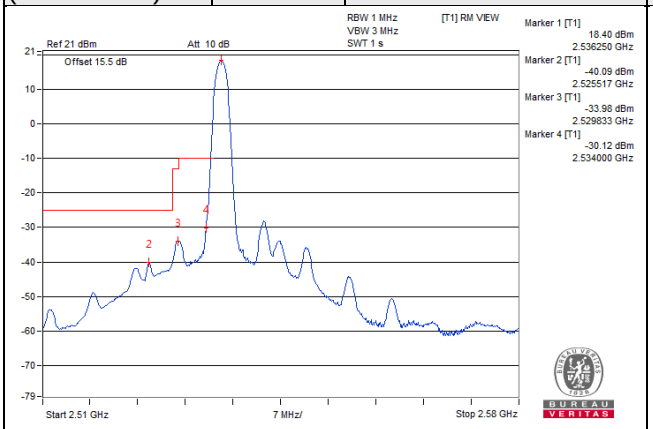
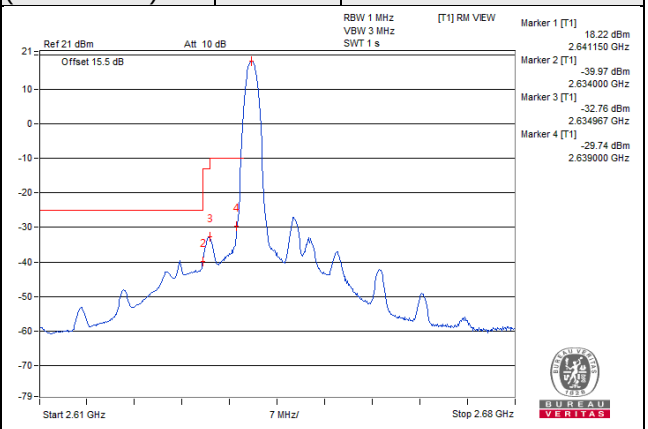
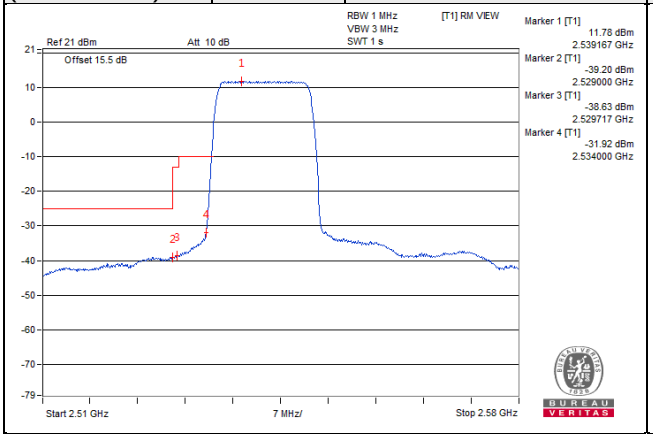
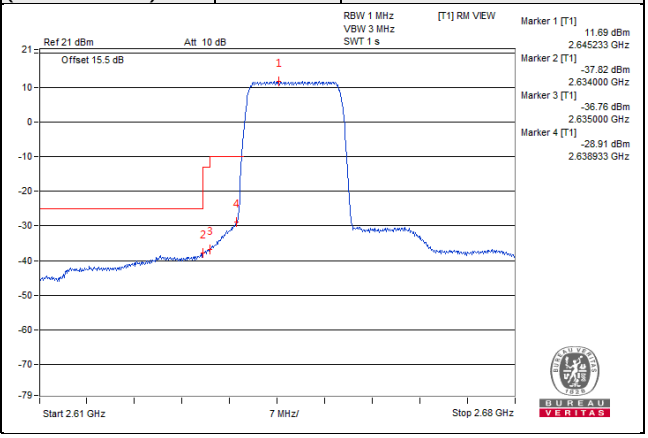
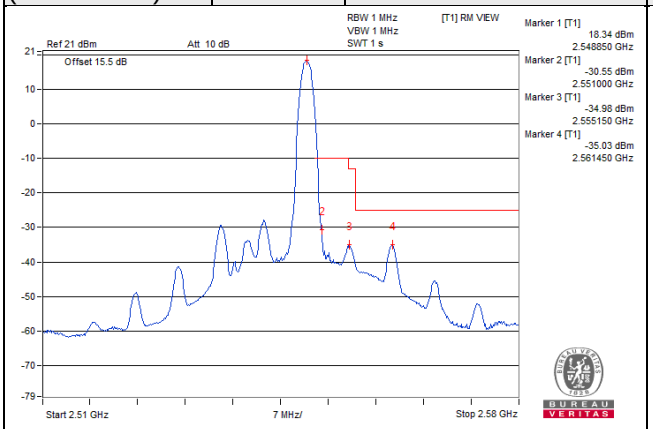
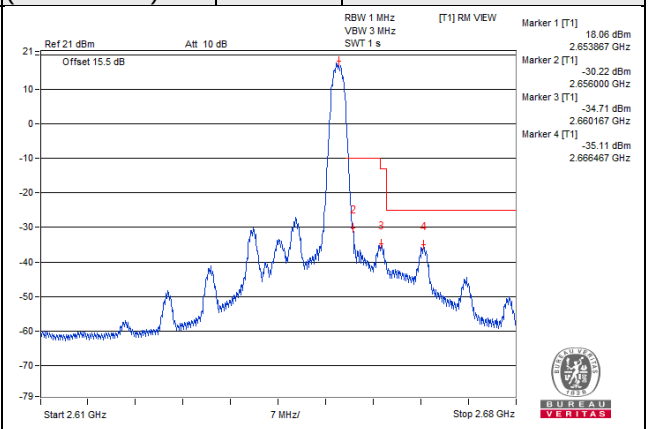
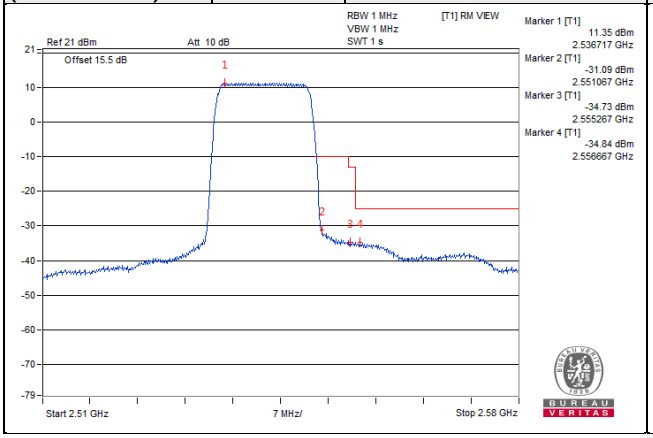
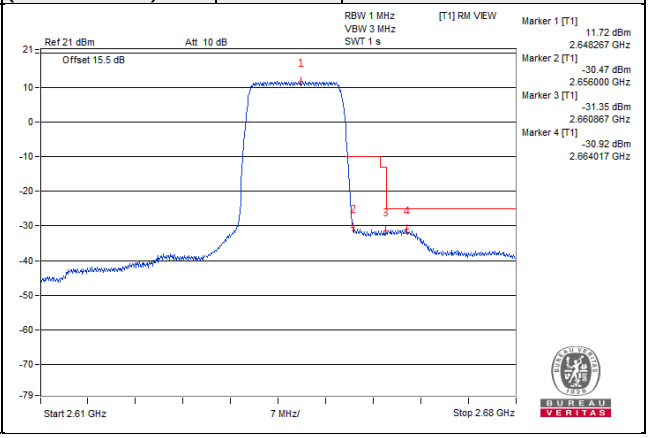
| Channel Bandwidth: 5MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 40065 (2537.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41215 (2652.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 40065 (2537.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 41215 (2652.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

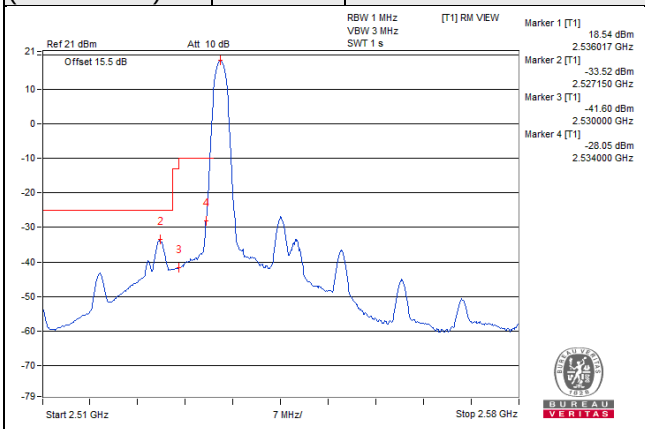
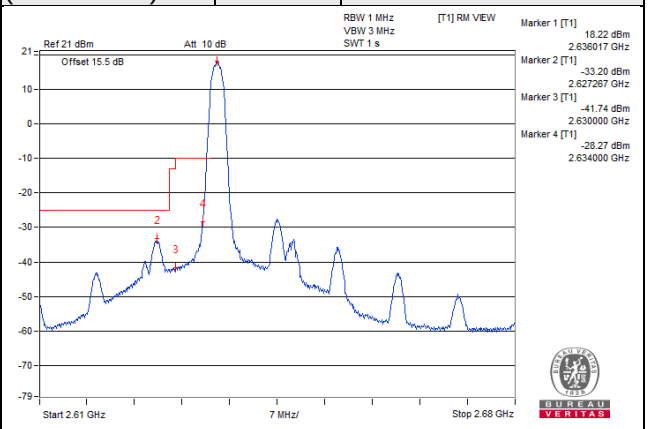
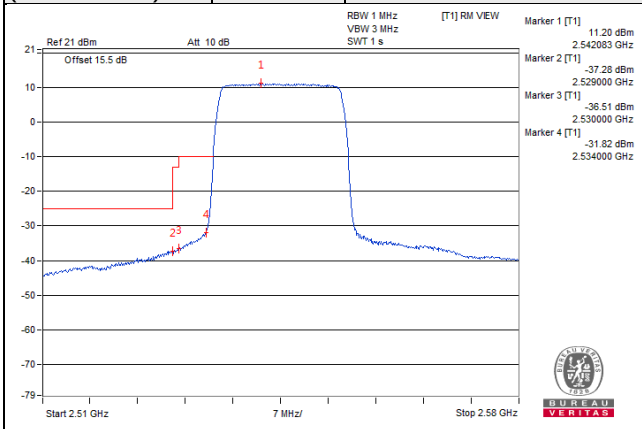
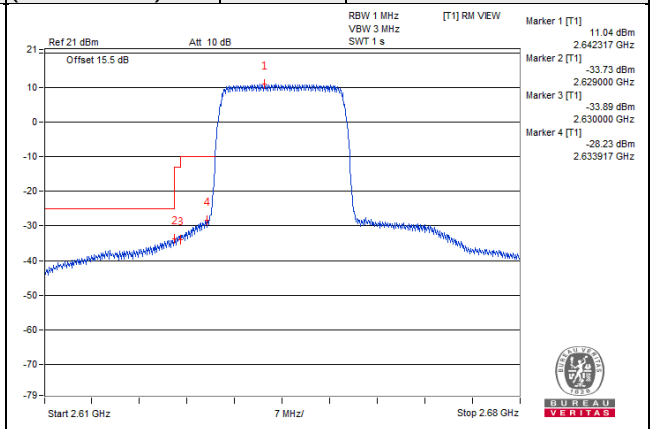
| Channel Bandwidth: 5MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 40065 (2537.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41215 (2652.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 40065 (2537.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 41215 (2652.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

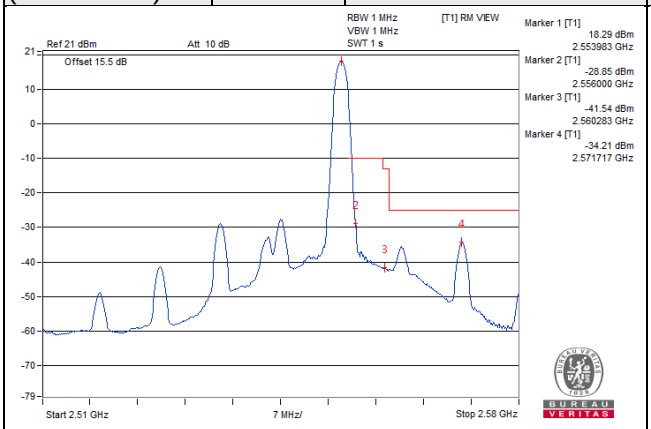
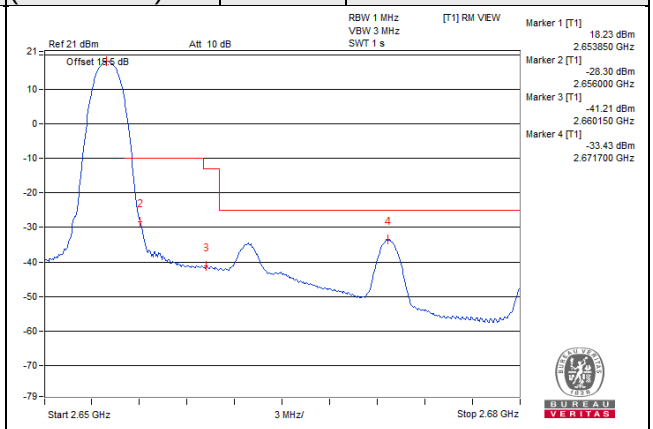
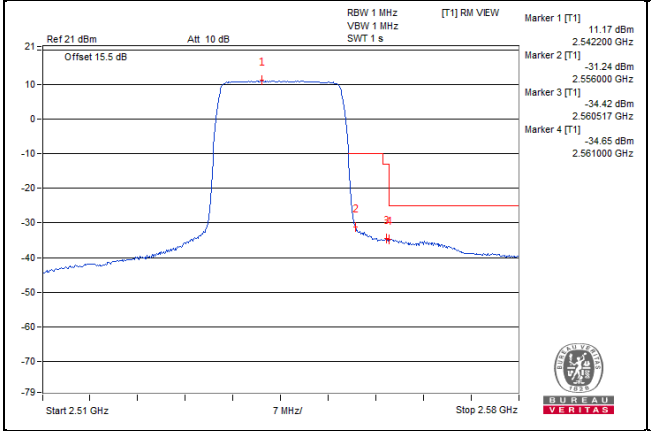
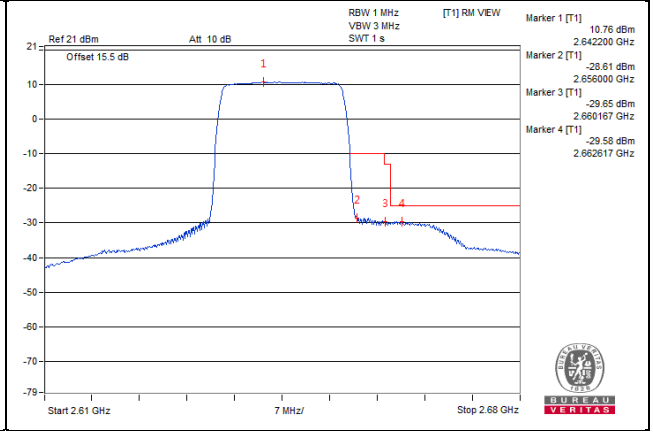
| Channel Bandwidth: 10MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 40090 (2540.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41190 (2650.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 40090 (2540.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 41190 (2650.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 10MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 40090 (2540.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41190 (2650.0MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 40090 (2540.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 41190 (2650.0MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 15MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 40115 (2542.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41165 (2647.5MHz) | QPSK | 1 RB / 74 RB Offset |
|  | | |  | | |
| Channel 40115 (2542.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 41165 (2647.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

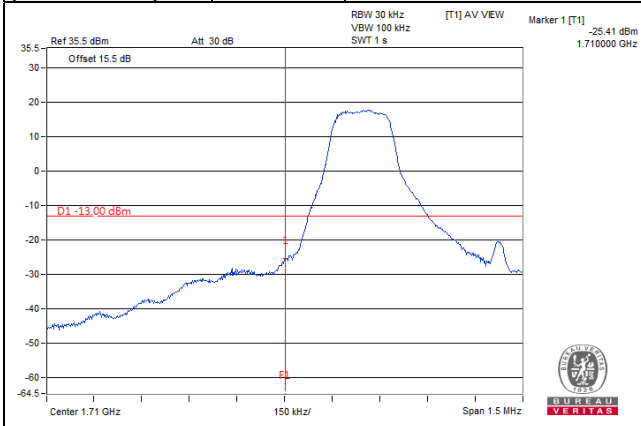
| Channel Bandwidth: 15MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 40115 (2542.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41165 (2647.5MHz) | QPSK | 1 RB / 74 RB Offset |
|  | | |  | | |
| Channel 40115 (2542.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 41165 (2647.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

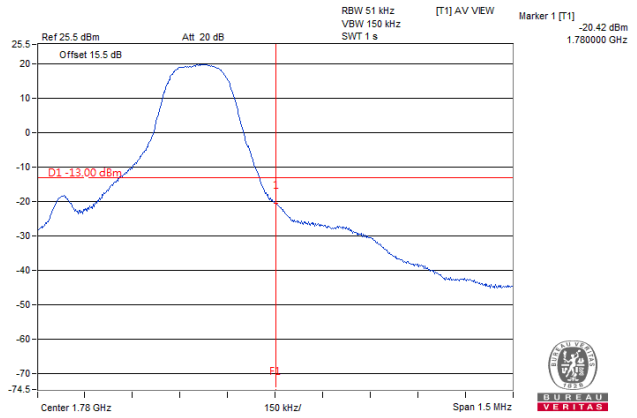
| Channel Bandwidth: 20MHz_Left | | | | | |
|---|---|---|---|---|---|
| Channel 40140 (2545.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41140 (2645.0MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 40140 (2545.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 41140 (2645.0MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 20MHz_Right | | | | | |
|---|---|---|---|---|---|
| Channel 40140 (2545.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 41140 (2645.0MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 40140 (2545.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 41140 (2645.0MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

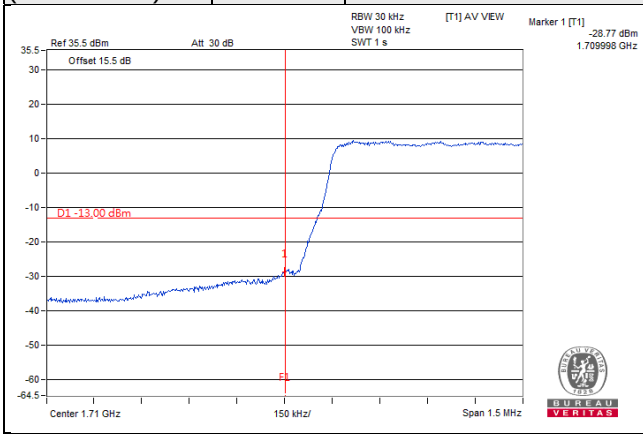
LTE Band 66

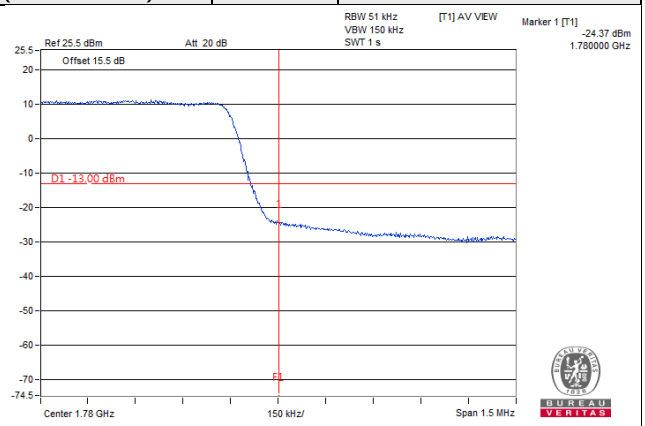
| Channel Bandwidth: 1.4MHz | | | | | |
|---|---|---|---|---|---|
| Channel 131979 (1710.7MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132665 (1779.3MHz) | QPSK | 1 RB / 5 RB Offset |

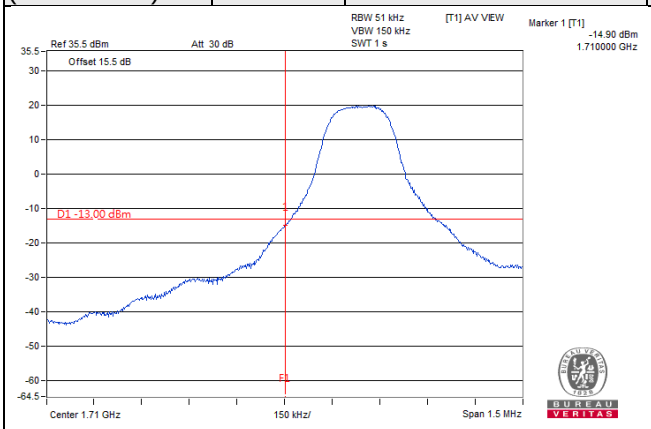
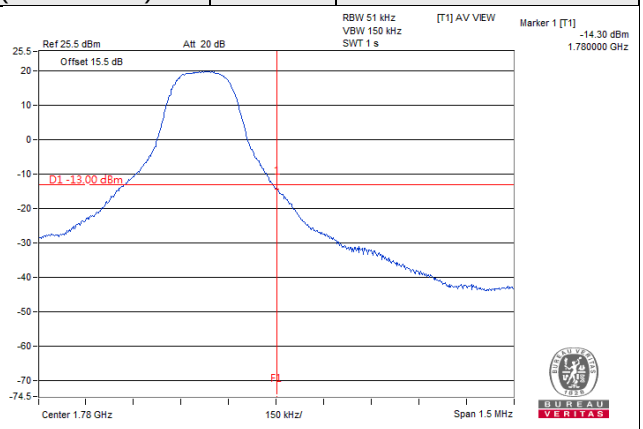
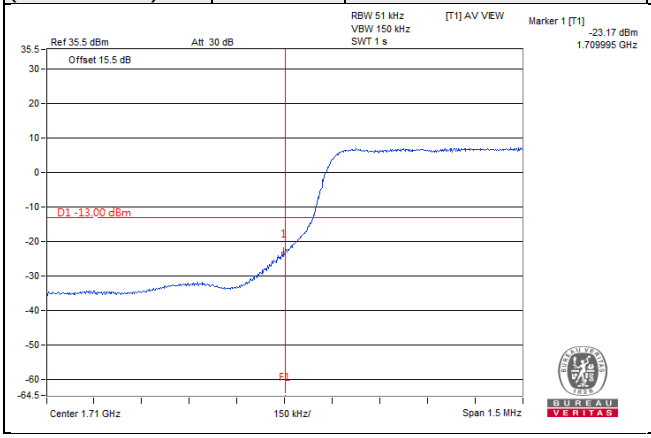
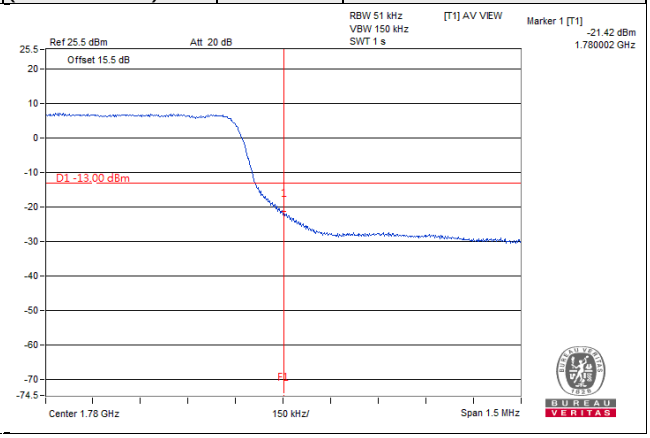


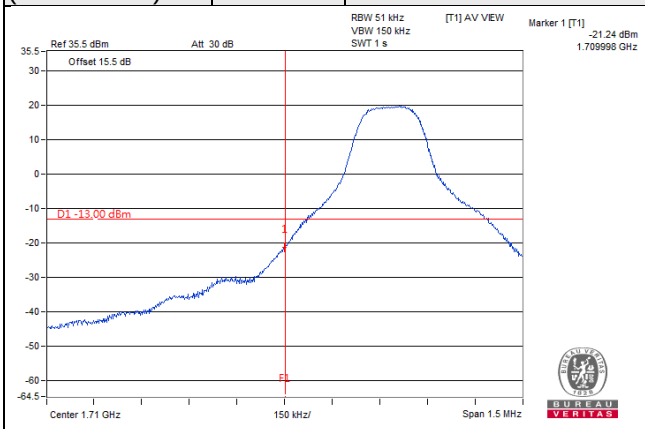
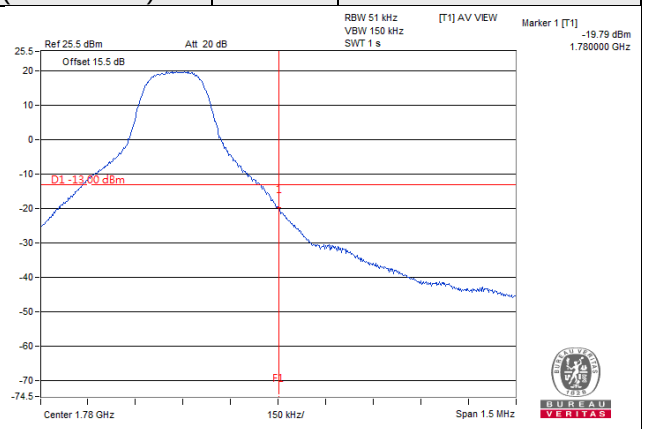
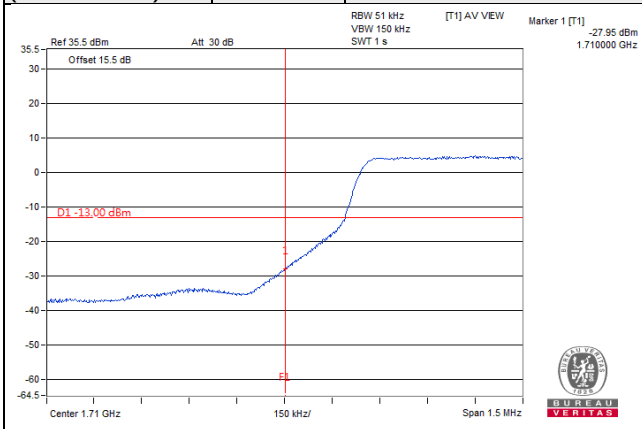
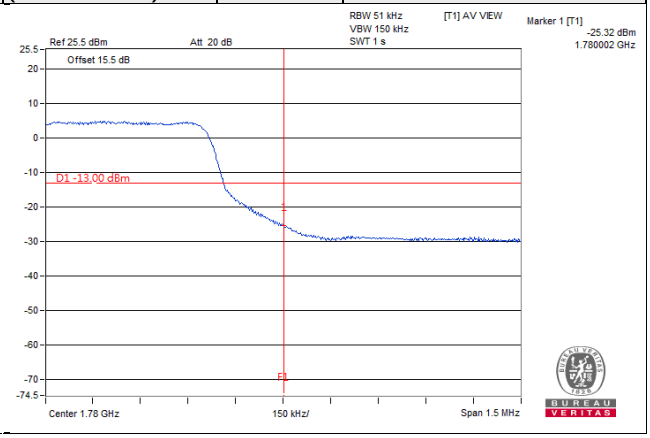



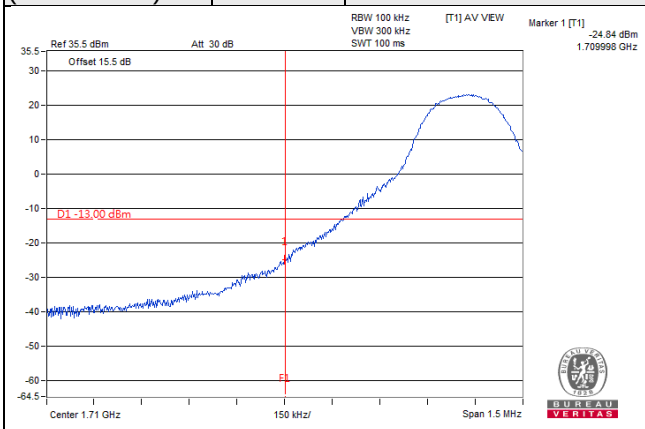
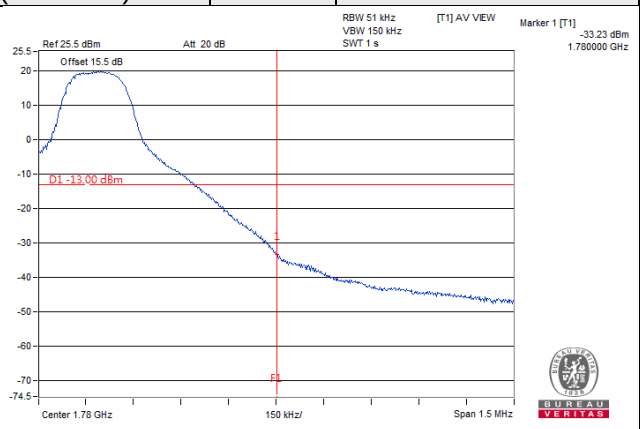
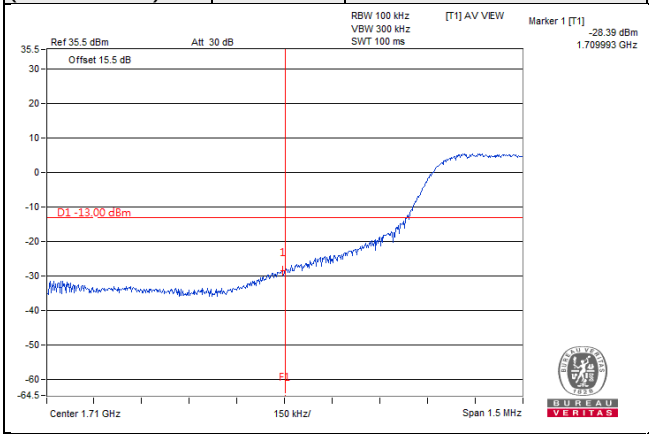
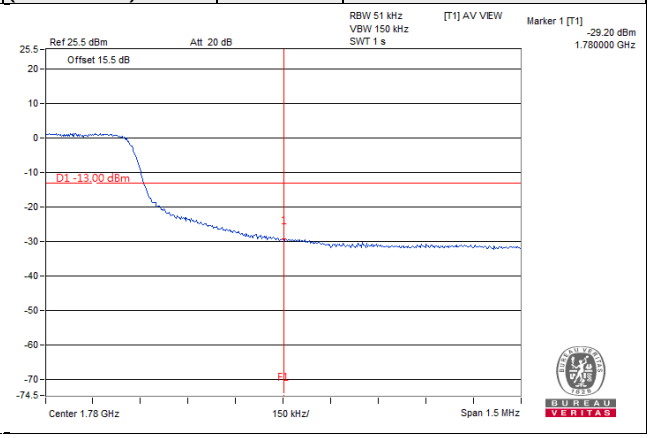

| Channel 131979 (1710.7MHz) | QPSK | 6 RB / 0 RB Offset | Channel 132665 (1779.3MHz) | QPSK | 6 RB / 0 RB Offset |
|---|---|---|---|---|---|

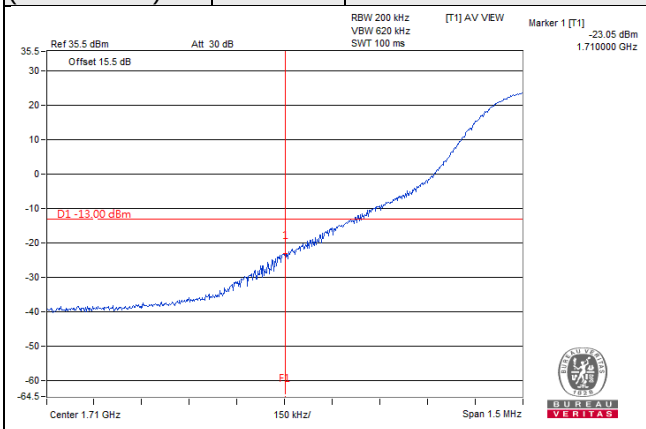
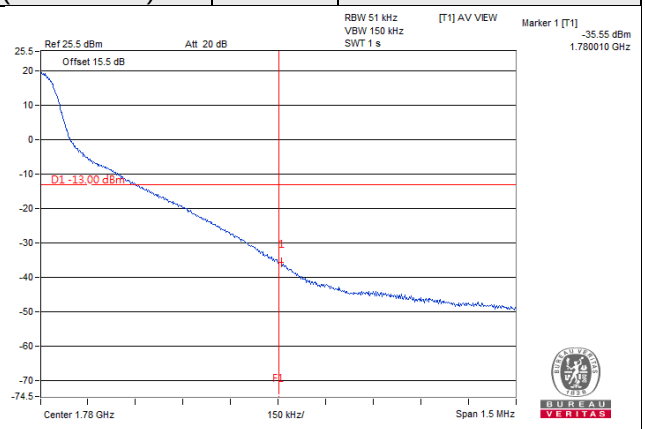
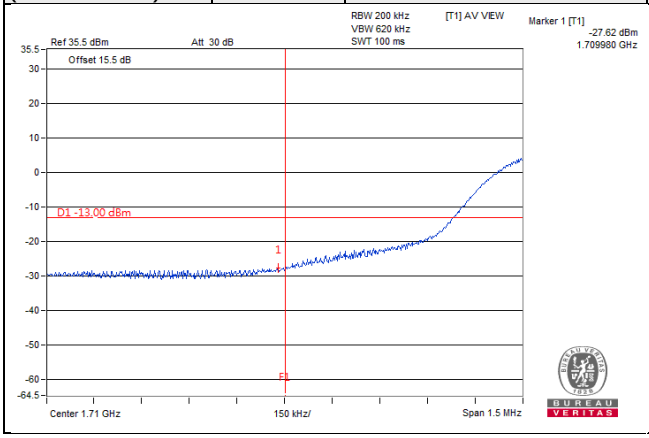
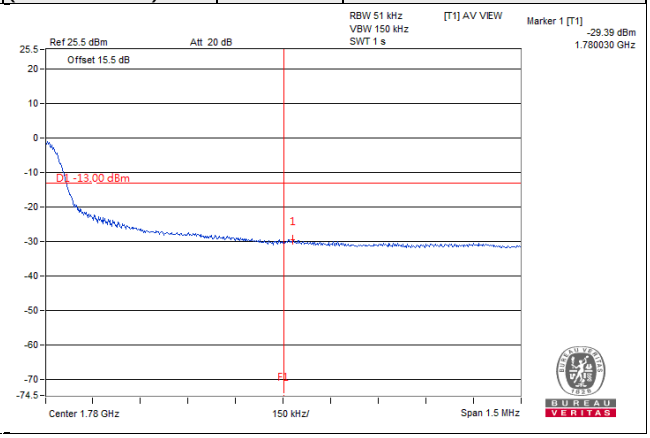


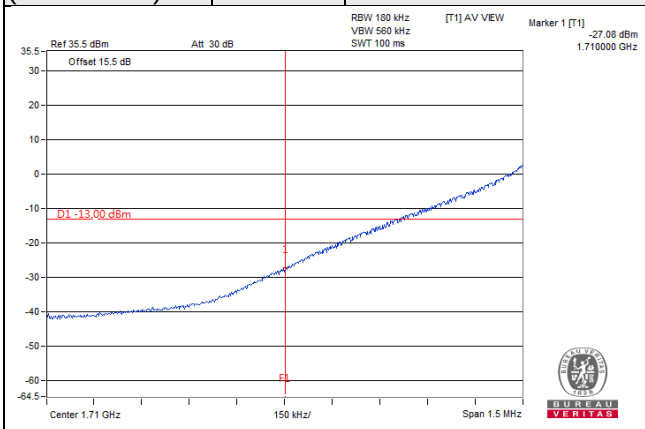
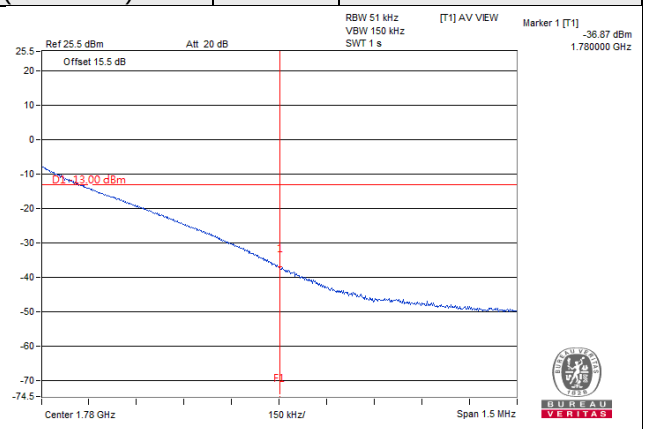
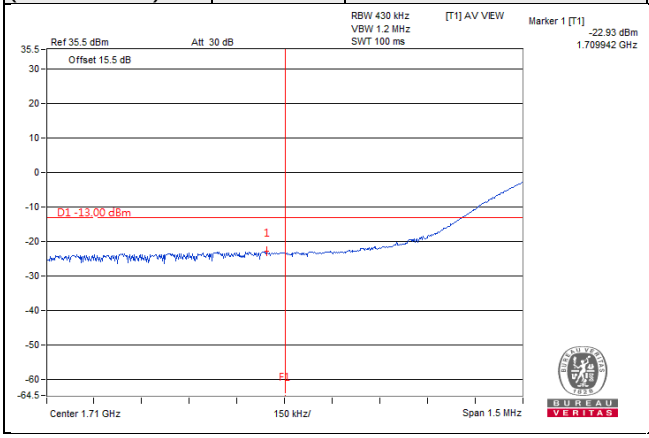
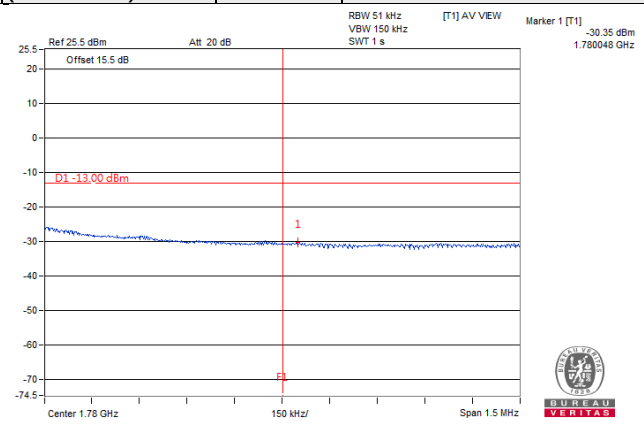



| Channel Bandwidth: 3MHz | | | | | |
|---|---|---|---|---|---|
| Channel 131987 (1711.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132657 (1778.5MHz) | QPSK | 1 RB / 14 RB Offset |
|  | | |  | | |
| Channel 131987 (1711.5MHz) | QPSK | 15 RB / 0 RB Offset | Channel 132657 (1778.5MHz) | QPSK | 15 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 5MHz | | | | | |
|---|---|---|---|---|---|
| Channel 131997 (1712.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132647 (1777.5MHz) | QPSK | 1 RB / 24 RB Offset |
|  | | |  | | |
| Channel 131997 (1712.5MHz) | QPSK | 25 RB / 0 RB Offset | Channel 132647 (1777.5MHz) | QPSK | 25 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 10MHz | | | | | |
|---|---|---|---|---|---|
| Channel 132022 (1715.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132622 (1775MHz) | QPSK | 1 RB / 49 RB Offset |
|  | | |  | | |
| Channel 132022 (1715.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 132622 (1775MHz) | QPSK | 50 RB / 0 RB Offset |
|  | | |  | | |

| Channel Bandwidth: 15MHz | | | | | |
|---|---|---|---|---|---|
| Channel 132047 (1717.5MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132597 (1772.5MHz) | QPSK | 1 RB / 74 RB Offset |
|  | | |  | | |
| Channel 132047 (1717.5MHz) | QPSK | 75 RB / 0 RB Offset | Channel 132597 (1772.5MHz) | QPSK | 75 RB / 0 RB Offset |
|  | | |  | | |

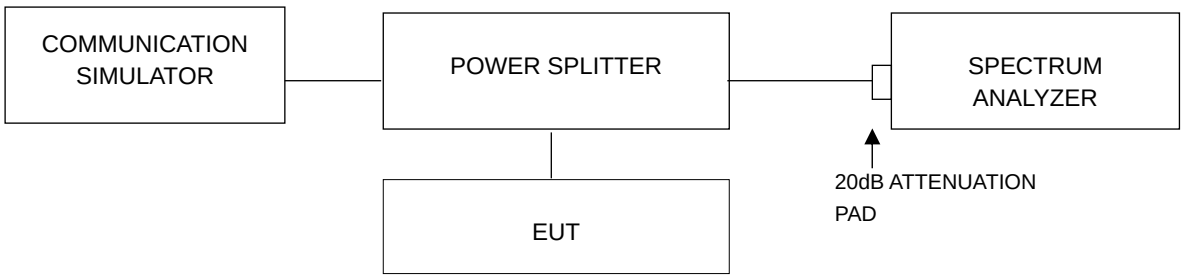
| Channel Bandwidth: 20MHz | | | | | |
|---|---|---|---|---|---|
| Channel 132072 (1720.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 132572 (1770MHz) | QPSK | 1 RB / 99 RB Offset |
|  | | |  | | |
| Channel 132072 (1720.0MHz) | QPSK | 100 RB / 0 RB Offset | Channel 132572 (1770MHz) | QPSK | 100 RB / 0 RB Offset |
|  | | |  | | |

## 4.6 Peak to Average Ratio

### 4.6.1 Limits of Peak to Average Ratio Measurement

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

### 4.6.2 Test Setup




### 4.6.3 Test Procedures

a. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;

b. Set the number of counts to a value that stabilizes the measured CCDF curve;

c. Record the maximum PAPR level associated with a probability of 0.1%.

### 4.6.4 Test Results

WCDMA Band 4

| Channel | Frequency (MHz) | Peak To Average Ratio (dB) |
|---|---|---|
| | | WCDMA |
| 1312 | 1712.4 | 3.00 |
| 1413 | 1732.6 | 3.13 |
| 1513 | 1752.6 | 3.05 |

| Spectrum Plot of Worst Value |
|---|
| WCDMA |
|  |

LTE Band 4

| LTE Band 4, Channel Bandwidth: 1.4MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 19957 | 1710.7 | 5.04 | 5.03 | 4.89 |
| 20175 | 1732.5 | 5.04 | 5.02 | 5.02 |
| 20393 | 1754.3 | 4.96 | 4.95 | 5.02 |

| LTE Band 4, Channel Bandwidth: 3MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 19965 | 1711.5 | 4.81 | 4.81 | 4.63 |
| 20175 | 1732.5 | 4.78 | 4.78 | 4.80 |
| 20385 | 1753.5 | 4.71 | 4.71 | 4.78 |

| LTE Band 4, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 19975 | 1712.5 | 4.78 | 4.67 | 4.75 |
| 20175 | 1732.5 | 4.94 | 4.93 | 4.94 |
| 20375 | 1752.5 | 4.95 | 4.96 | 4.79 |

| LTE Band 4, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20000 | 1715.0 | 4.95 | 4.96 | 4.77 |
| 20175 | 1732.5 | 4.95 | 4.96 | 4.95 |
| 20350 | 1750.0 | 5.00 | 4.99 | 4.98 |

| LTE Band 4, Channel Bandwidth: 15MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20025 | 1717.5 | 4.89 | 4.89 | 4.69 |
| 20175 | 1732.5 | 4.87 | 4.87 | 4.86 |
| 20325 | 1747.5 | 4.91 | 4.91 | 4.92 |

| LTE Band 4, Channel Bandwidth: 20MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20050 | 1720.0 | 4.84 | 4.83 | 4.75 |
| 20175 | 1732.5 | 4.83 | 4.82 | 4.80 |
| 20300 | 1745.0 | 4.87 | 4.88 | 4.87 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 1.4MHz / QPSK | 3MHz / 16QAM |
|  |  |
| 5MHz / 16QAM | 10MHz / QPSK |
|  |  |
| 15MHz / 64QAM | 20MHz / 16QAM |
|  |  |

| LTE Band 7, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20775 | 2502.5 | 4.96 | 4.96 | 4.96 |
| 21100 | 2535.0 | 4.93 | 4.94 | 4.95 |
| 21425 | 2567.5 | 4.94 | 4.95 | 4.96 |

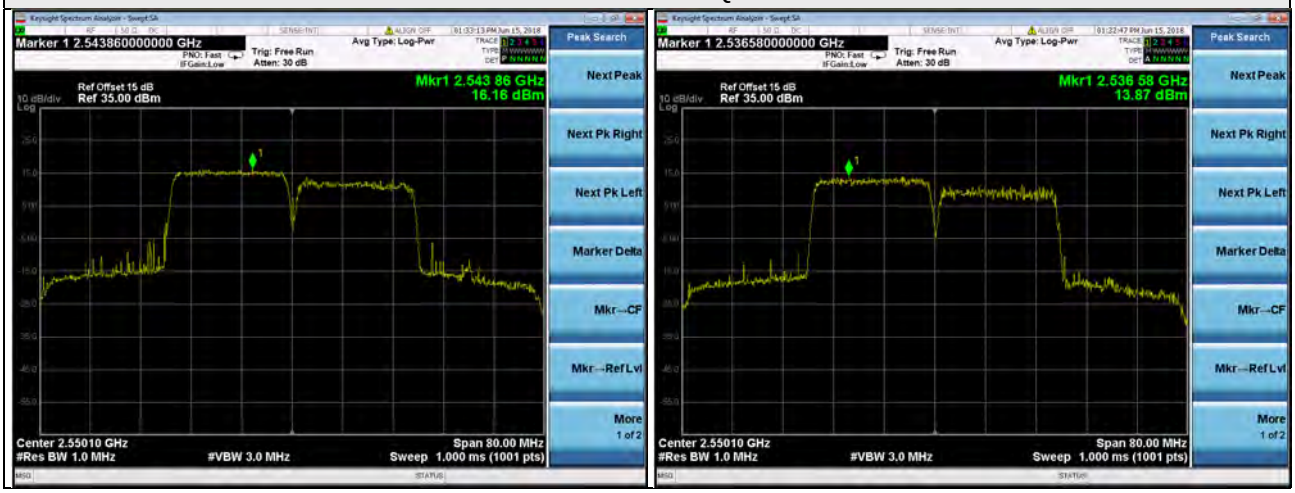
| LTE Band 7, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20800 | 2505.0 | 4.96 | 4.96 | 4.96 |
| 21100 | 2535.0 | 4.96 | 4.96 | 4.95 |
| 21400 | 2565.0 | 4.96 | 4.97 | 4.99 |

| LTE Band 7, Channel Bandwidth: 15MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20825 | 2507.5 | 4.98 | 4.98 | 5.02 |
| 21100 | 2535.0 | 4.93 | 4.91 | 4.91 |
| 21375 | 2562.5 | 4.96 | 4.96 | 4.97 |

| LTE Band 7, Channel Bandwidth: 20MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 20850 | 2510.0 | 4.95 | 4.94 | 4.97 |
| 21100 | 2535.0 | 4.85 | 4.84 | 4.86 |
| 21350 | 2560.0 | 4.82 | 4.81 | 4.88 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 5MHz / 64QAM | 10MHz / 64QAM |
|  |  |
| 15MHz / 16QAM | 20MHz / 64QAM |
|  |  |

| LTE Band 7, CA Mode, Channel Bandwidth: 20MHz+20MHz | | |
|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) |
| | | QPSK |
| 20850+21048 | 2510.0MHz+2529.8MHz | 2.09 |
| 21100+21298 | 2535.0MHz+2554.8MHz | 1.81 |
| 21350+21152 | 2560.0MHz+2540.2MHz | 2.29 |

| Spectrum Plot Of Worst Value |
|---|
| 20MHz+20MHz / QPSK |
|  |

| LTE Band 12, Channel Bandwidth: 1.4MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23017 | 699.7 | 4.98 | 4.99 | 4.99 |
| 23095 | 707.5 | 4.89 | 4.88 | 4.80 |
| 23173 | 715.3 | 4.98 | 4.97 | 5.05 |

| LTE Band 12, Channel Bandwidth: 3MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23025 | 700.5 | 4.82 | 4.82 | 4.86 |
| 23095 | 707.5 | 4.72 | 4.72 | 4.67 |
| 23165 | 714.5 | 4.73 | 4.73 | 4.77 |

| LTE Band 12, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23035 | 701.5 | 4.99 | 5.00 | 4.97 |
| 23095 | 707.5 | 4.86 | 4.86 | 4.81 |
| 23155 | 713.5 | 4.95 | 4.94 | 4.98 |

| LTE Band 12, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23060 | 704.0 | 4.60 | 4.61 | 4.61 |
| 23095 | 707.5 | 4.93 | 4.94 | 4.92 |
| 23130 | 711.0 | 5.30 | 5.31 | 5.29 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 1.4MHz / 64QAM | 3MHz / 64QAM |
|  |  |
| 5MHz / 16QAM | 10MHz / 16QAM |
|  |  |

| LTE Band 13, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23205 | 779.5 | 4.89 | 4.89 | 4.89 |
| 23230 | 782.0 | 4.90 | 4.91 | 4.92 |
| 23255 | 784.5 | 4.92 | 4.92 | 4.90 |

| LTE Band 13, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23230 | 782.0 | 4.84 | 4.82 | 4.84 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 5MHz / 64QAM | 10MHz / 64QAM |
|  |  |

| LTE Band 17, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23755 | 706.5 | 4.79 | 4.78 | 4.78 |
| 23790 | 710.0 | 4.90 | 4.89 | 4.89 |
| 23825 | 713.5 | 4.97 | 4.98 | 4.98 |

| LTE Band 17, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 23780 | 709.0 | 5.10 | 5.11 | 5.10 |
| 23790 | 710.0 | 5.22 | 5.20 | 5.22 |
| 23800 | 711.0 | 5.27 | 5.27 | 5.27 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 5MHz / 64QAM | 10MHz / 16QAM |
|  |  |

| LTE Band 38, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 37775 | 2572.5 | 4.88 | 4.88 | 4.88 |
| 38000 | 2595.0 | 4.88 | 4.88 | 4.88 |
| 38225 | 2617.5 | 4.90 | 4.89 | 4.90 |

| LTE Band 38, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 37800 | 2575.0 | 5.37 | 5.38 | 5.33 |
| 38000 | 2595.0 | 5.34 | 5.00 | 5.26 |
| 38200 | 2615.0 | 4.97 | 4.89 | 4.96 |

| LTE Band 38, Channel Bandwidth: 15MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 37825 | 2577.5 | 5.39 | 5.21 | 5.34 |
| 38000 | 2595.0 | 5.28 | 5.27 | 5.26 |
| 38175 | 2612.5 | 5.26 | 5.25 | 5.28 |

| LTE Band 38, Channel Bandwidth: 20MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 37850 | 2580.0 | 5.12 | 5.08 | 5.13 |
| 38000 | 2595.0 | 5.12 | 5.09 | 5.08 |
| 38150 | 2610.0 | 5.13 | 5.10 | 5.12 |

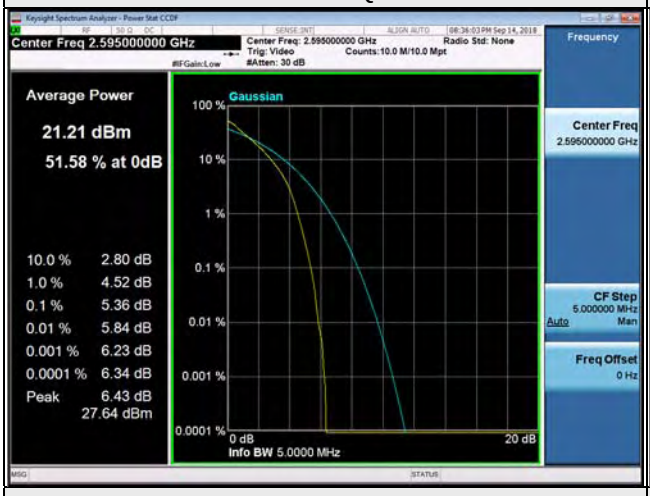
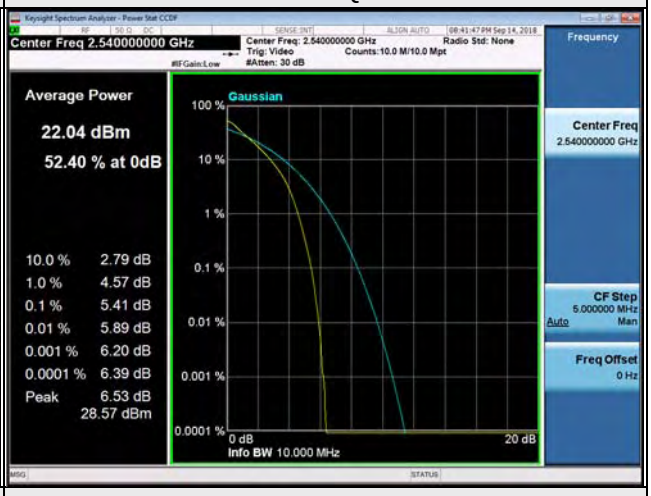
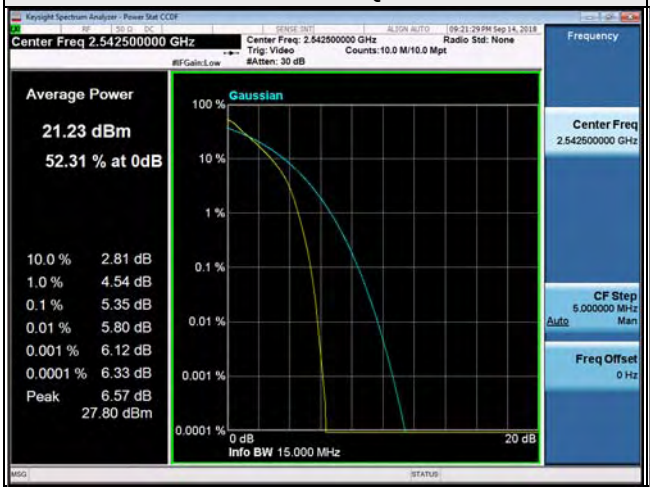
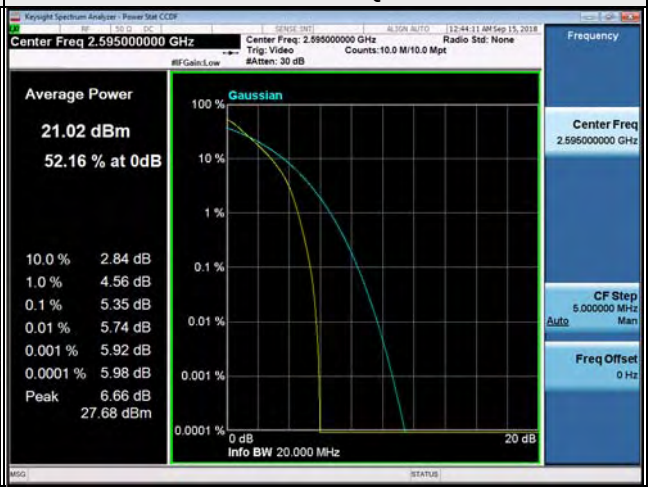
| Spectrum Plot Of Worst Value | |
|---|---|
| 5MHz / 64QAM | 10MHz / 16QAM |
|  |  |
| 15MHz / QPSK | 20MHz / QPSK |
|  |  |

| LTE Band 41, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 40065 | 2537.5 | 5.08 | 5.27 | 5.20 |
| 40640 | 2595.0 | 5.33 | 5.36 | 5.32 |
| 41215 | 2652.5 | 5.34 | 5.29 | 5.26 |

| LTE Band 41, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 40090 | 2540.0 | 5.41 | 5.40 | 5.33 |
| 40640 | 2595.0 | 5.31 | 5.33 | 5.30 |
| 41190 | 2650.0 | 5.36 | 5.32 | 5.34 |

| LTE Band 41, Channel Bandwidth: 15MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 40115 | 2542.5 | 5.26 | 5.35 | 5.25 |
| 40640 | 2595.0 | 5.23 | 5.26 | 5.29 |
| 41165 | 2647.5 | 5.29 | 5.35 | 5.31 |

| LTE Band 41, Channel Bandwidth: 20MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 40140 | 2545.0 | 5.29 | 5.25 | 5.28 |
| 40640 | 2595.0 | 5.30 | 5.35 | 5.29 |
| 41140 | 2645.0 | 5.13 | 5.01 | 5.13 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 5MHz / 16QAM | 10MHz / QPSK |
|  |  |
| 15MHz / 16QAM | 20MHz / 16QAM |
|  |  |

| LTE Band 66, Channel Bandwidth: 1.4MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 131979 | 1710.7 | 5.06 | 5.05 | 4.85 |
| 132322 | 1745.0 | 5.10 | 5.09 | 5.04 |
| 132665 | 1779.3 | 5.09 | 5.07 | 5.04 |

| LTE Band 66, Channel Bandwidth: 3MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 131987 | 1711.5 | 4.80 | 4.82 | 4.66 |
| 132322 | 1745.0 | 4.82 | 4.82 | 4.78 |
| 132657 | 1778.5 | 4.83 | 4.83 | 4.80 |

| LTE Band 66, Channel Bandwidth: 5MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 131997 | 1712.5 | 4.93 | 4.94 | 4.79 |
| 132322 | 1745.0 | 4.95 | 4.94 | 4.86 |
| 132647 | 1777.5 | 4.94 | 4.95 | 4.88 |

| LTE Band 66, Channel Bandwidth: 10MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 132022 | 1715.0 | 4.94 | 4.94 | 4.82 |
| 132322 | 1745.0 | 4.95 | 4.94 | 4.94 |
| 132622 | 1775.0 | 4.91 | 4.90 | 4.85 |

| LTE Band 66, Channel Bandwidth: 15MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 132047 | 1717.5 | 4.79 | 4.79 | 4.74 |
| 132322 | 1745.0 | 4.92 | 4.93 | 4.92 |
| 132597 | 1772.5 | 4.77 | 4.79 | 4.66 |

| LTE Band 66, Channel Bandwidth: 20MHz | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Peak To Average Ratio (dB) | | |
| | | QPSK | 16QAM | 64QAM |
| 132072 | 1720.0 | 4.83 | 4.83 | 4.73 |
| 132322 | 1745.0 | 4.85 | 4.86 | 4.83 |
| 132572 | 1770.0 | 4.82 | 4.82 | 4.77 |

| Spectrum Plot Of Worst Value | |
|---|---|
| 1.4MHz / QPSK | 3MHz / 16QAM |
|  |  |
| 5MHz / 16QAM | 10MHz / QPSK |
|  |  |
| 15MHz / 16QAM | 20MHz / 16QAM |
|  |  |