

FCC REPORT

(LTE)

Applicant: INDUSTRIA FUEGUINA DE RELOJERIA ELECTRONICA SA

Address of Applicant: SARMIENTO 2920 9420 RIO GRANDE, Argentina 9420

Equipment Under Test (EUT)

Product Name: Smartphone

Model No.: T2

Trade mark: Kodak

FCC ID: 2ALP3-T2

Applicable standards: FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27 Subpart L
FCC CFR Title 47 Part 27 Subpart M

Date of sample receipt: 22 Apr., 2020

Date of Test: 22 Apr., to 12 May, 2020

Date of report issued: 19 May, 2020

Test Result: PASS*

*In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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2. Version

| Version No. | Date | Description |
|-------------|--------------|-------------|
| 00 | 19 May, 2020 | Original |
| | | |
| | | |
| | | |
| | | |

Tested by: Janet Wei **Date:** 19 May, 2020
Test Engineer

Reviewed by: Winner Zhang **Date:** 19 May, 2020
Project Engineer

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4. Test Summary

| Test Items | Section in CFR 47 | Result |
|---|--|--|
| RF Exposure (SAR) | Part 1.1307 Part 2.1093 | Passed (Please refer to SAR Report) |
| RF Output Power | Part 2.1046 Part 22.913 (a)(5) Part 24.232 (c) Part 27.50 (d)(4) Part 27.50 (h)(2) | Pass |
| Peak-to-Average Ratio | Part 24.232 (d) Part 27.50(d)(5) | Pass |
| Modulation Characteristics | Part 2.1047 | Pass |
| 99% & -26 dB Occupied Bandwidth | Part 2.1049 Part 22.917(b) Part 24.238(b) Part 27.53(h) Part 27.53(m) | Pass |
| Out of band emission at antenna terminals | Part 2.1053 Part 22.917(a) Part 24.238 (a) Part 27.53 (h) Part 27.53(m) | Pass |
| Field strength of spurious radiation | Part 22.917(a) Part 24.238 (a) Part 27.53 (h) Part 27.53(m) | Pass |
| Frequency stability vs. temperature | Part 22.355 Part 24.235 Part 27.54 Part 2.1055(a)(1)(b) | Pass |
| Frequency stability vs. voltage | Part 22.355 Part 24.235 Part 27.54 Part 2.1055(d)(2) | Pass |
| <p>Remark:</p> <ol style="list-style-type: none"> 1. Pass: The EUT complies with the essential requirements in the standard. 2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB(Fundamental Frequency below 1GHz)/1.0dB(Fundamental Frequency above 1GHz) (provided by the customer). | | |
| Test Method: | ANSI/TIA-603-E-2016 ANSI C63.26-2015 | |

5. General Information

5.1 Client Information

| | |
|---------------|--|
| Applicant: | INDUSTRIA FUEGUINA DE RELOJERIA ELECTRONICA SA |
| Address: | SARMIENTO 2920 9420 RIO GRANDE, Argentina 9420 |
| Manufacturer: | INDUSTRIA FUEGUINA DE RELOJERIA ELECTRONICA SA |
| Address: | SARMIENTO 2920 9420 RIO GRANDE, Argentina 9420 |
| Factory: | Vikin Communication Technology Co.,Ltd |
| Address: | Room 1005, HSAE Technology Building, Hi-Tech Park, Nanshan District, Shenzhen, China |

5.2 General Description of E.U.T.

| | |
|----------------------------|--|
| Product Name: | Smartphone |
| Model No.: | T2 |
| Operation Frequency range: | LTE Band 2: TX: 1850MHz-1910MHz, RX: 1930MHz-1990MHz LTE Band 4: TX: 1710MHz-1755MHz, RX: 2110MHz-2155MHz LTE Band 5: 824MHz-849MHz, RX: 869MHz-894MHz LTE Band 7: TX: 2500MHz-2570MHz, RX: 2620MHz-2690MHz |
| Modulation type: | QPSK, 16QAM |
| Antenna type: | Internal Antenna |
| Antenna gain: | LTE Band 2: -1.2dBi LTE Band 4: -2.4dBi LTE Band 5: -1.1dBi LTE Band 7: 0.8dBi |
| Power supply: | Rechargeable Li-ion Battery DC3.8V-2800mAh |
| AC adapter: | Model: KA1508-0501000AR Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1000mA |
| Test Sample Condition: | The applicant provided engineering samples for staying in continuously transmitting for testing. |

Operation Frequency List:

| LTE Band 2 (1.4MHz) | | LTE Band 2 (3MHz) | |
|---------------------|-----------------|--------------------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 18607 | 1850.70 | 18615 | 1851.50 |
| 18608 | 1850.80 | 18616 | 1851.60 |
| | | | |
| 18899 | 1879.90 | 18899 | 1879.90 |
| 18900 | 1880.00 | 18900 | 1880.00 |
| 18901 | 1880.10 | 18901 | 1880.10 |
| ... | ... | ... | ... |
| 19193 | 1909.20 | 19185 | 1908.40 |
| 19194 | 1909.30 | 19186 | 1908.50 |
| LTE Band 2 (5MHz) | | LTE Band 2 (10MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 18625 | 1852.50 | 18650 | 1855.00 |
| 18626 | 1852.60 | 18651 | 1855.10 |
| | | | |
| 18899 | 1879.90 | 18899 | 1879.90 |
| 18900 | 1880.00 | 18900 | 1880.00 |
| 18901 | 1880.10 | 18901 | 1880.10 |
| ... | ... | ... | ... |
| 19175 | 1907.40 | 19150 | 1904.90 |
| 19176 | 1907.50 | 19151 | 1905.00 |
| LTE Band 2 (15MHz) | | LTE Band 2 (20MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 18675 | 1857.50 | 18700 | 1860.00 |
| 18676 | 1857.60 | 18701 | 1860.10 |
| | | | |
| 18899 | 1879.90 | 18899 | 1879.90 |
| 18900 | 1880.00 | 18900 | 1880.00 |
| 18901 | 1880.10 | 18901 | 1880.10 |
| ... | ... | ... | ... |
| 19125 | 1902.40 | 19100 | 1899.90 |
| 19126 | 1902.50 | 19101 | 1900.00 |

| LTE Band 4 (1.4MHz) | | LTE Band 4 (3MHz) | |
|---------------------|-----------------|--------------------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 19957 | 1710.70 | 19965 | 1711.50 |
| 19958 | 1710.80 | 19966 | 1711.60 |
| | | | |
| 20174 | 1732.40 | 20174 | 1732.40 |
| 20175 | 1732.50 | 20175 | 1732.50 |
| 20176 | 1732.60 | 20176 | 1732.60 |
| ... | ... | ... | ... |
| 20392 | 1754.20 | 20384 | 1753.40 |
| 20393 | 1754.30 | 20385 | 1753.50 |
| LTE Band 4 (5MHz) | | LTE Band 4 (10MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 19975 | 1712.50 | 20000 | 1715.00 |
| 19976 | 1712.60 | 20001 | 1715.10 |
| | | | |
| 20174 | 1732.40 | 20174 | 1732.40 |
| 20175 | 1732.50 | 20175 | 1732.50 |
| 20176 | 1732.60 | 20176 | 1732.60 |
| ... | ... | ... | ... |
| 20374 | 1752.40 | 20349 | 1749.90 |
| 20375 | 1752.50 | 20350 | 1750.00 |
| LTE Band 4 (15MHz) | | LTE Band 4 (20MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 20025 | 1717.50 | 20050 | 1720.00 |
| 20026 | 1717.60 | 20051 | 1720.10 |
| | | | |
| 20174 | 1732.40 | 20174 | 1732.40 |
| 20175 | 1732.50 | 20175 | 1732.50 |
| 20176 | 1732.60 | 20176 | 1732.60 |
| ... | ... | ... | ... |
| 20324 | 1747.40 | 20299 | 1744.90 |
| 20325 | 1747.50 | 20300 | 1745.00 |

| LTE Band 5 (1.4MHz) | | LTE Band 5 (3MHz) | |
|---------------------|-----------------|--------------------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 20407 | 824.70 | 20415 | 825.50 |
| 20408 | 824.80 | 20416 | 825.60 |
| | | | |
| 20524 | 836.40 | 20524 | 836.40 |
| 20525 | 836.50 | 20525 | 836.50 |
| 20526 | 836.60 | 20526 | 836.60 |
| ... | ... | ... | ... |
| 20642 | 848.20 | 20634 | 847.40 |
| 20643 | 848.30 | 20635 | 847.50 |
| LTE Band 5 (5MHz) | | LTE Band 5 (10MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 20425 | 826.50 | 20450 | 829.00 |
| 20426 | 826.60 | 20451 | 829.10 |
| | | | |
| 20524 | 836.40 | 20524 | 836.40 |
| 20525 | 836.50 | 20525 | 836.50 |
| 20526 | 836.60 | 20526 | 836.60 |
| ... | ... | ... | ... |
| 20624 | 846.40 | 20599 | 839.90 |
| 20625 | 846.50 | 20600 | 844.00 |

| LTE Band 7 (5MHz) | | LTE Band 7 (10MHz) | |
|--------------------|-----------------|--------------------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 20775 | 2502.50 | 20800 | 2505.00 |
| 20776 | 2502.60 | 20801 | 2502.10 |
| | | | |
| 21099 | 2534.90 | 21099 | 2534.90 |
| 21100 | 2535.00 | 21100 | 2535.00 |
| 21101 | 2535.20 | 21101 | 2535.20 |
| ... | ... | ... | ... |
| 21424 | 2567.40 | 21399 | 2564.90 |
| 21425 | 2567.50 | 21400 | 2565.00 |
| LTE Band 7 (15MHz) | | LTE Band 7 (20MHz) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 20825 | 2507.50 | 20850 | 2510.00 |
| 20826 | 2507.60 | 20851 | 2510.10 |
| | | | |
| 21099 | 2534.90 | 21099 | 2534.90 |
| 21100 | 2535.00 | 21100 | 2535.00 |
| 21101 | 2535.20 | 21101 | 2535.20 |
| ... | ... | ... | ... |
| 21374 | 2562.40 | 21349 | 2559.90 |
| 21375 | 2562.50 | 21350 | 2560.00 |

Regards to the operating frequency range, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channels as below:

| LTE Band 2 (1.4MHz) | | | LTE Band 2 (3MHz) | | |
|---------------------|-----------------|---------|--------------------|-----------------|---------|
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 18607 | 1850.70 | Lowest channel | 18615 | 1851.50 |
| Middle channel | 18900 | 1880.00 | Middle channel | 18900 | 1880.00 |
| Highest channel | 19193 | 1909.30 | Highest channel | 19185 | 1908.50 |
| LTE Band 2 (5MHz) | | | LTE Band 2 (10MHz) | | |
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 18625 | 1852.50 | Lowest channel | 18650 | 1855.00 |
| Middle channel | 18900 | 1880.00 | Middle channel | 18900 | 1880.00 |
| Highest channel | 19175 | 1907.50 | Highest channel | 19150 | 1905.00 |
| LTE Band 2 (15MHz) | | | LTE Band 2 (20MHz) | | |
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 18675 | 1857.50 | Lowest channel | 18700 | 1860.00 |
| Middle channel | 18900 | 1880.00 | Middle channel | 18900 | 1880.00 |
| Highest channel | 19125 | 1902.50 | Highest channel | 19100 | 1900.00 |

| LTE Band 4 (1.4MHz) | | | LTE Band 4 (3MHz) | | |
|---------------------|-----------------|---------|--------------------|-----------------|---------|
| Channel: | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 19957 | 1710.70 | Lowest channel | 19965 | 1711.50 |
| Middle channel | 20175 | 1732.50 | Middle channel | 20175 | 1732.50 |
| Highest channel | 20393 | 1754.30 | Highest channel | 20385 | 1753.50 |
| LTE Band 4 (5MHz) | | | LTE Band 4 (10MHz) | | |
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 19975 | 1712.50 | Lowest channel | 20000 | 1715.00 |
| Middle channel | 20175 | 1732.50 | Middle channel | 20175 | 1732.50 |
| Highest channel | 20375 | 1752.50 | Highest channel | 20350 | 1750.00 |
| LTE Band 4 (15MHz) | | | LTE Band 4 (20MHz) | | |
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 20025 | 1717.50 | Lowest channel | 20050 | 1720.00 |
| Middle channel | 20175 | 1732.50 | Middle channel | 20175 | 1732.50 |
| Highest channel | 20325 | 1747.50 | Highest channel | 20300 | 1745.00 |

| LTE Band 5 (1.4MHz) | | | LTE Band 5 (3MHz) | | |
|---------------------|-----------------|--------|--------------------|-----------------|--------|
| Channel: | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 20407 | 824.70 | Lowest channel | 20415 | 825.50 |
| Middle channel | 20525 | 836.50 | Middle channel | 20525 | 836.50 |
| Highest channel | 20643 | 848.30 | Highest channel | 20635 | 847.50 |
| LTE Band 5 (5MHz) | | | LTE Band 5 (10MHz) | | |
| Channel | Frequency (MHz) | | Channel | Frequency (MHz) | |
| Lowest channel | 20425 | 826.50 | Lowest channel | 20450 | 829.00 |
| Middle channel | 20525 | 836.50 | Middle channel | 20525 | 836.50 |
| Highest channel | 20625 | 846.50 | Highest channel | 20600 | 844.00 |

| LTE Band 7 (5MHz) | | | LTE Band 7 (10MHz) | | |
|--------------------|-------|-----------------|--------------------|-------|-----------------|
| Channel | | Frequency (MHz) | Channel | | Frequency (MHz) |
| Lowest channel | 20775 | 2502.50 | Lowest channel | 20800 | 2505.00 |
| Middle channel | 21100 | 2535.00 | Middle channel | 21100 | 2535.00 |
| Highest channel | 21425 | 2567.50 | Highest channel | 21400 | 2565.00 |
| LTE Band 7 (15MHz) | | | LTE Band 7 (20MHz) | | |
| Channel | | Frequency (MHz) | Channel | | Frequency (MHz) |
| Lowest channel | 20825 | 2507.50 | Lowest channel | 20850 | 2510.00 |
| Middle channel | 21100 | 2535.00 | Middle channel | 21100 | 2535.00 |
| Highest channel | 21375 | 2562.50 | Highest channel | 21350 | 2560.00 |

5.3 Test environment and mode

| Operating Environment: | |
|--|--|
| Temperature: | Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C |
| Humidity: | 20 % ~ 75 % RH |
| Atmospheric Pressure: | 1008 mbar |
| Voltage: | Nominal: 3.8Vdc, Extreme: Low 3.5Vdc, High 4.35Vdc |
| Test mode: | |
| LTE QPSK mode | Keep the EUT communication with simulated station in QPSK mode |
| LTE 16-QAM mode | Keep the EUT communication with simulated station in 16-QAM mode |
| Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report. | |

5.4 Description of Support Units

| Test Equipment | Manufacturer | Model No. | Serial No. |
|-------------------|--------------|-----------|------------|
| Simulated Station | Anritsu | MT8820C | 6201026545 |

5.5 Measurement Uncertainty

| Parameters | Expanded Uncertainty |
|-------------------------------------|----------------------|
| Radiated Emission (9kHz ~ 30MHz) | ±3.12 dB (k=2) |
| Radiated Emission (30MHz ~ 1000MHz) | ±4.32 dB (k=2) |
| Radiated Emission (1GHz ~ 18GHz) | ±5.38 dB (k=2) |
| Radiated Emission (18GHz ~ 40GHz) | ±3.36 dB (k=2) |

5.6 Related Submittal(s) / Grant (s)

| |
|--|
| This is an original grant, no related submittals and grants. |
|--|

5.7 Additions to, deviations, or exclusions from the method

| |
|----|
| No |
|----|

5.8 Laboratory Facility

| |
|---|
| <p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● FCC - Designation No.: CN1211 Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 727551. ● ISED – CAB identifier.: CN0021 The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1. ● CNAS - Registration No.: CNAS L6048 Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048. ● A2LA - Registration No.: 4346.01 This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf |
|---|

5.9 Laboratory Location

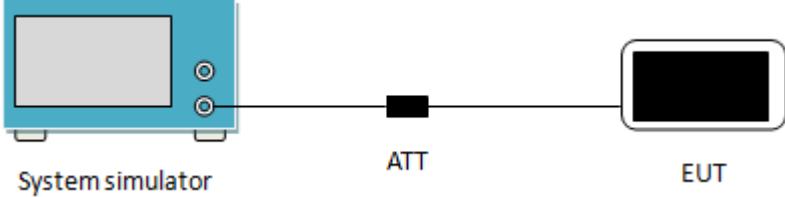
Shenzhen Zhongjian Nanfang Testing Co., Ltd.
 Address: No.110~116, Building B, Jinyuan Business Building, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China
 Tel: +86-755-23118282, Fax: +86-755-23116366
 Email: info@ccis-cb.com, Website: <http://www.ccis-cb.com>

5.10 Test Instruments list

| Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
|------------------------------|-----------------|---------------|--------------------|----------------------|--------------------------|
| 3m SAC | SAEMC | 9m*6m*6m | 966 | 07-22-2017 | 07-21-2020 |
| BiConiLog Antenna | SCHWARZBECK | VULB9163 | 497 | 03-18-2020 | 03-17-2021 |
| Biconical Antenna | SCHWARZBECK | VUBA9117 | 359 | 06-22-2017 | 06-21-2020 |
| Horn Antenna | SCHWARZBECK | BBHA9120D | 916 | 03-07-2020 | 03-06-2021 |
| Horn Antenna | SCHWARZBECK | BBHA9120D | 1805 | 06-22-2017 | 06-21-2020 |
| Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA9170582 | 11-18-2019 | 11-17-2020 |
| EMI Test Software | AUDIX | E3 | Version: 6.110919b | | |
| Pre-amplifier | HP | 8447D | 2944A09358 | 03-07-2020 | 03-06-2021 |
| Pre-amplifier | CD | PAP-1G18 | 11804 | 03-07-2020 | 03-06-2021 |
| Spectrum analyzer | Rohde & Schwarz | FSP30 | 101454 | 03-05-2020 | 03-04-2021 |
| Spectrum analyzer | Rohde & Schwarz | FSP40 | 100363 | 11-18-2019 | 11-17-2020 |
| EMI Test Receiver | Rohde & Schwarz | ESRP7 | 101070 | 03-05-2020 | 03-04-2021 |
| Spectrum Analyzer | Agilent | N9020A | MY50510123 | 11-18-2019 | 11-17-2020 |
| Signal Generator | Rohde & Schwarz | SMX | 835454/016 | 03-05-2020 | 03-04-2021 |
| Signal Generator | R&S | SMR20 | 1008100050 | 03-05-2020 | 03-04-2021 |
| RF Switch Unit | MWRFTTEST | MW200 | N/A | N/A | N/A |
| Test Software | MWRFTTEST | MTS8200 | Version: 2.0.0.0 | | |
| Cable | ZDECL | Z108-NJ-NJ-81 | 1608458 | 03-07-2020 | 03-06-2021 |
| Cable | MICRO-COAX | MFR64639 | K10742-5 | 03-07-2020 | 03-06-2021 |
| Cable | SUHNER | SUCOFLEX100 | 58193/4PE | 03-07-2020 | 03-06-2021 |
| DC Power Supply | XinNuoEr | WYK-10020K | 1409050110020 | 09-25-2019 | 09-24-2020 |
| Temperature Humidity Chamber | HengPu | HPGDS-500 | 20140828008 | 11-01-2019 | 11-31-2020 |
| Simulated Station | Rohde & Schwarz | CMW500 | 140493 | 07-22-2019 | 07-21-2020 |

6. Test results

6.1 Conducted Output Power, ERP and EIRP

| | |
|-------------------|---|
| Test Requirement: | Part 22.913(a)(5), Part 24.232(c), Part 27.50(d)(4), Part 27.50 (h)(2) |
| Limit: | LTE Band 2: 2W, LTE Band 4: 1W, LTE Band 5: 7W, LTE Band 7: 2W |
| Test Setup: |  <p>The diagram illustrates the test setup. On the left is a blue 'System simulator' with a screen and two ports. A cable connects it to a black 'ATT' (attenuator) block. Another cable connects the 'ATT' to a black 'EUT' (Equipment Under Test) device.</p> |
| Test Procedure: | The transmitter output was connected to a calibrated attenuator, the other end of which was connected to the CMW500. Transmitter output power was read off in dBm. |
| Test Instruments: | Refer to section 5.10 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

Measurement Data:

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|---------------------|-----------------|---------------------|---------|-----------|---------------------|-----------|-----------|--|--|
| | | | | | 18607 | 18900 | 19193 | | |
| | | | | | 1850.7MHz | 1880.0MHz | 1909.3MHz | | |
| 2 | 1.4 | QPSK | 1 | 0 | 22.55 | 22.74 | 22.68 | | |
| | | | 1 | 2 | 22.53 | 22.53 | 22.72 | | |
| | | | 1 | 5 | 22.57 | 22.60 | 22.67 | | |
| | | | 3 | 0 | 21.66 | 21.73 | 21.69 | | |
| | | | 3 | 1 | 21.62 | 21.75 | 21.71 | | |
| | | | 3 | 2 | 21.70 | 21.67 | 21.65 | | |
| | | | 6 | 0 | 22.75 | 22.80 | 22.80 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.60 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 21.83 | 21.31 | 21.56 | | |
| | | | 1 | 2 | 21.74 | 21.58 | 21.82 | | |
| | | | 1 | 5 | 21.97 | 21.83 | 21.44 | | |
| | | | 3 | 0 | 21.03 | 20.82 | 20.71 | | |
| | | | 3 | 1 | 20.82 | 20.84 | 20.74 | | |
| | | | 3 | 2 | 20.88 | 20.68 | 20.94 | | |
| | | | 6 | 0 | 21.43 | 21.81 | 21.92 | | |
| Antenna Gain (dBi): | | | | | -1.2 | | | | |
| Max. EIRP (dBm): | | | | | 20.77 | | | | |
| EIRP Limit (dBm): | | | | | 33.00 | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|---------------------|-----------------|---------------------|---------|-----------|---------------------|-----------|-----------|--|--|
| | | | | | 18615 | 18900 | 19185 | | |
| | | | | | 1851.5MHz | 1880.0MHz | 1908.5MHz | | |
| 2 | 3 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.61 | | |
| | | | 1 | 7 | 22.61 | 22.52 | 22.57 | | |
| | | | 1 | 14 | 22.55 | 22.58 | 22.41 | | |
| | | | 8 | 0 | 21.53 | 21.71 | 21.70 | | |
| | | | 8 | 4 | 21.62 | 21.70 | 21.66 | | |
| | | | 8 | 7 | 21.72 | 21.62 | 21.53 | | |
| | | | 15 | 0 | 22.68 | 22.48 | 22.67 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.48 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 21.86 | 21.33 | 22.08 | | |
| | | | 1 | 7 | 21.83 | 21.37 | 22.12 | | |
| | | | 1 | 14 | 21.94 | 21.51 | 21.96 | | |
| | | | 8 | 0 | 20.74 | 20.68 | 20.61 | | |
| | | | 8 | 4 | 20.72 | 20.67 | 20.67 | | |
| | | | 8 | 7 | 20.91 | 20.83 | 20.61 | | |
| | | | 15 | 0 | 21.87 | 22.04 | 22.06 | | |
| Antenna Gain (dBi): | | | | | -1.2 | | | | |
| Max. EIRP (dBm): | | | | | 20.96 | | | | |
| EIRP Limit (dBm): | | | | | 33.00 | | | | |

Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 18625 | 18900 | 19175 | | |
| | | | | | 1852.5MHz | 1880.0MHz | 1907.5MHz | | |
| 2 | 5 | QPSK | 1 | 0 | 22.54 | 22.64 | 22.62 | | |
| | | | 1 | 12 | 22.51 | 22.62 | 22.57 | | |
| | | | 1 | 24 | 22.60 | 22.53 | 22.63 | | |
| | | | 12 | 0 | 21.70 | 21.65 | 21.67 | | |
| | | | 12 | 6 | 21.65 | 21.62 | 21.63 | | |
| | | | 12 | 11 | 21.59 | 21.60 | 21.66 | | |
| | | | 25 | 0 | 22.65 | 22.81 | 22.80 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.61 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 21.80 | 21.81 | 21.81 | | |
| | | | 1 | 12 | 21.75 | 21.86 | 21.61 | | |
| | | | 1 | 24 | 21.81 | 21.57 | 21.75 | | |
| | | | 12 | 0 | 20.94 | 20.89 | 20.65 | | |
| | | | 12 | 6 | 20.73 | 20.76 | 20.91 | | |
| | | | 12 | 11 | 20.90 | 20.59 | 20.84 | | |
| | | | 25 | 0 | 21.95 | 21.84 | 21.72 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 20.75 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 18650 | 18900 | | | | | | 19150 | | |
| 1855.0MHz | 1880.0MHz | | | | | | 1905.0MHz | | |
| 2 | 10 | QPSK | 1 | 0 | 22.67 | 22.57 | 22.61 | | |
| | | | 1 | 24 | 22.54 | 22.62 | 22.54 | | |
| | | | 1 | 49 | 22.57 | 22.54 | 22.56 | | |
| | | | 25 | 0 | 21.78 | 21.66 | 21.55 | | |
| | | | 25 | 12 | 21.58 | 21.56 | 21.71 | | |
| | | | 25 | 24 | 21.62 | 21.52 | 21.73 | | |
| | | | 50 | 0 | 22.81 | 22.86 | 22.74 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.66 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 21.74 | 21.87 | 21.78 | | |
| | | | 1 | 24 | 21.92 | 21.97 | 21.93 | | |
| | | | 1 | 49 | 21.84 | 21.77 | 21.86 | | |
| | | | 25 | 0 | 21.13 | 20.87 | 20.89 | | |
| | | | 25 | 12 | 20.90 | 21.01 | 20.86 | | |
| | | | 25 | 24 | 21.01 | 20.84 | 20.98 | | |
| | | | 50 | 0 | 22.00 | 21.93 | 21.88 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 20.80 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 18675 | 18900 | 19125 | | |
| | | | | | 1857.5MHz | 1880.0MHz | 1902.5MHz | | |
| 2 | 15 | QPSK | 1 | 0 | 22.50 | 22.59 | 22.58 | | |
| | | | 1 | 37 | 22.52 | 22.42 | 22.62 | | |
| | | | 1 | 74 | 22.57 | 22.44 | 22.66 | | |
| | | | 36 | 0 | 21.73 | 21.78 | 21.69 | | |
| | | | 36 | 16 | 21.61 | 21.64 | 21.74 | | |
| | | | 36 | 35 | 21.59 | 21.57 | 21.82 | | |
| | | | 75 | 0 | 22.70 | 22.78 | 22.77 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.58 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.08 | 22.07 | 21.96 | | |
| | | | 1 | 37 | 22.15 | 22.22 | 22.08 | | |
| | | | 1 | 74 | 22.01 | 22.20 | 22.26 | | |
| | | | 36 | 0 | 20.73 | 20.79 | 20.72 | | |
| | | | 36 | 16 | 20.74 | 20.86 | 20.90 | | |
| | | | 36 | 35 | 20.69 | 20.77 | 20.89 | | |
| | | | 75 | 0 | 22.19 | 22.28 | 22.34 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.14 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 18700 | 18900 | | | | | | 19100 | | |
| 1860.0MHz | 1880.0MHz | | | | | | 1900.0MHz | | |
| 2 | 20 | QPSK | 1 | 0 | 22.73 | 22.63 | 22.55 | | |
| | | | 1 | 49 | 22.54 | 22.56 | 22.68 | | |
| | | | 1 | 99 | 22.60 | 22.57 | 22.63 | | |
| | | | 50 | 0 | 21.75 | 21.77 | 21.67 | | |
| | | | 50 | 24 | 21.60 | 21.59 | 21.58 | | |
| | | | 50 | 49 | 21.70 | 21.51 | 21.65 | | |
| | | | 100 | 0 | 22.69 | 22.87 | 22.72 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.67 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.02 | 21.70 | 21.83 | | |
| | | | 1 | 49 | 22.29 | 21.84 | 21.95 | | |
| | | | 1 | 99 | 22.31 | 21.58 | 21.78 | | |
| | | | 50 | 0 | 20.73 | 20.77 | 20.81 | | |
| | | | 50 | 24 | 20.77 | 20.82 | 20.65 | | |
| | | | 50 | 49 | 20.72 | 20.67 | 20.78 | | |
| | | | 100 | 0 | 22.02 | 22.23 | 22.24 | | |
| | | Antenna Gain (dBi): | | | | | -1.2 | | |
| | | Max. EIRP (dBm): | | | | | 21.11 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|---|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 19957 | 20175 | 20393 | | |
| | | | | | 1710.7MHz | 1732.5MHz | 1754.3MHz | | |
| 4 | 1.4 | QPSK | 1 | 0 | 22.34 | 22.47 | 22.43 | | |
| | | | 1 | 2 | 22.38 | 22.53 | 22.57 | | |
| | | | 1 | 5 | 22.30 | 22.45 | 22.39 | | |
| | | | 3 | 0 | 21.43 | 21.55 | 21.53 | | |
| | | | 3 | 1 | 21.51 | 21.54 | 21.55 | | |
| | | | 3 | 2 | 21.44 | 21.59 | 21.47 | | |
| | | | 6 | 0 | 22.45 | 22.56 | 22.50 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.17 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 21.89 | 21.74 | 22.11 | | |
| | | | 1 | 2 | 21.91 | 21.75 | 22.47 | | |
| | | | 1 | 5 | 21.86 | 21.94 | 22.28 | | |
| | | | 3 | 0 | 20.57 | 20.63 | 20.64 | | |
| | | | 3 | 1 | 20.77 | 20.68 | 20.52 | | |
| | | | 3 | 2 | 20.60 | 20.62 | 20.90 | | |
| | | | 6 | 0 | 21.86 | 21.53 | 21.88 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.07 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 19965 | 20175 | | | | | | 20385 | | |
| 1711.5MHz | 1732.5MHz | | | | | | 1753.5MHz | | |
| 4 | 3 | QPSK | 1 | 0 | 22.45 | 22.51 | 22.40 | | |
| | | | 1 | 7 | 22.43 | 22.49 | 22.41 | | |
| | | | 1 | 14 | 22.23 | 22.52 | 22.32 | | |
| | | | 8 | 0 | 21.50 | 21.57 | 21.50 | | |
| | | | 8 | 4 | 21.46 | 21.58 | 21.56 | | |
| | | | 8 | 7 | 21.42 | 21.46 | 21.51 | | |
| | | | 15 | 0 | 22.43 | 22.42 | 22.46 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.02 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 21.82 | 21.64 | 22.37 | | |
| | | | 1 | 7 | 21.73 | 21.58 | 22.36 | | |
| | | | 1 | 14 | 21.39 | 21.68 | 22.34 | | |
| | | | 8 | 0 | 20.56 | 20.51 | 20.98 | | |
| | | | 8 | 4 | 20.64 | 20.75 | 20.84 | | |
| | | | 8 | 7 | 20.57 | 20.47 | 20.51 | | |
| | | | 15 | 0 | 22.04 | 22.15 | 22.13 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 19.97 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | <i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|---|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 19975 | 20175 | 20375 | | |
| | | | | | 1712.5MHz | 1732.5MHz | 1752.5MHz | | |
| 4 | 5 | QPSK | 1 | 0 | 22.41 | 22.45 | 22.32 | | |
| | | | 1 | 12 | 22.32 | 22.50 | 22.42 | | |
| | | | 1 | 24 | 22.31 | 22.38 | 22.31 | | |
| | | | 12 | 0 | 21.38 | 21.56 | 21.45 | | |
| | | | 12 | 6 | 21.50 | 21.39 | 21.46 | | |
| | | | 12 | 11 | 21.38 | 21.54 | 21.56 | | |
| | | | 25 | 0 | 22.34 | 22.52 | 22.52 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.12 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 21.48 | 22.04 | 21.92 | | |
| | | | 1 | 12 | 22.03 | 21.80 | 21.57 | | |
| | | | 1 | 24 | 21.69 | 21.66 | 21.87 | | |
| | | | 12 | 0 | 20.62 | 20.42 | 20.99 | | |
| | | | 12 | 6 | 20.63 | 20.43 | 21.10 | | |
| | | | 12 | 11 | 20.67 | 20.40 | 21.19 | | |
| | | | 25 | 0 | 22.22 | 22.07 | 22.02 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 19.82 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20000 | 20175 | | | | | | 20350 | | |
| 1715.0MHz | 1732.5MHz | | | | | | 1750.0MHz | | |
| 4 | 10 | QPSK | 1 | 0 | 22.43 | 22.52 | 22.48 | | |
| | | | 1 | 24 | 22.39 | 22.53 | 22.46 | | |
| | | | 1 | 49 | 22.41 | 22.40 | 22.42 | | |
| | | | 25 | 0 | 21.61 | 21.45 | 21.47 | | |
| | | | 25 | 12 | 21.37 | 21.54 | 21.46 | | |
| | | | 25 | 24 | 21.45 | 21.55 | 21.51 | | |
| | | | 50 | 0 | 22.49 | 22.51 | 22.55 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.15 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 21.66 | 21.95 | 21.63 | | |
| | | | 1 | 24 | 21.81 | 21.64 | 21.83 | | |
| | | | 1 | 49 | 21.66 | 21.78 | 21.91 | | |
| | | | 25 | 0 | 20.61 | 20.78 | 20.68 | | |
| | | | 25 | 12 | 20.68 | 20.80 | 20.63 | | |
| | | | 25 | 24 | 20.67 | 20.71 | 21.14 | | |
| | | | 50 | 0 | 21.65 | 22.07 | 21.98 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 19.67 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | <i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 20025 | 20175 | 20325 | | |
| | | | | | 1717.5MHz | 1732.5MHz | 1747.5MHz | | |
| 4 | 15 | QPSK | 1 | 0 | 22.34 | 22.48 | 22.56 | | |
| | | | 1 | 37 | 22.46 | 22.50 | 22.43 | | |
| | | | 1 | 74 | 22.36 | 22.52 | 22.47 | | |
| | | | 36 | 0 | 21.44 | 21.67 | 21.57 | | |
| | | | 36 | 16 | 21.52 | 21.45 | 21.54 | | |
| | | | 36 | 35 | 21.66 | 21.40 | 21.49 | | |
| | | | 75 | 0 | 22.46 | 22.52 | 22.52 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.16 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 21.39 | 21.23 | 21.65 | | |
| | | | 1 | 37 | 21.61 | 21.64 | 21.75 | | |
| | | | 1 | 74 | 21.67 | 21.73 | 21.46 | | |
| | | | 36 | 0 | 20.64 | 20.60 | 20.67 | | |
| | | | 36 | 16 | 21.02 | 20.66 | 20.69 | | |
| | | | 36 | 35 | 20.55 | 20.59 | 21.01 | | |
| | | | 75 | 0 | 22.01 | 21.95 | 21.90 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 19.61 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20050 | 20175 | | | | | | 20300 | | |
| 1720.0MHz | 1732.5MHz | | | | | | 1745.0MHz | | |
| 4 | 20 | QPSK | 1 | 0 | 22.41 | 22.52 | 22.61 | | |
| | | | 1 | 49 | 22.32 | 22.53 | 22.34 | | |
| | | | 1 | 99 | 22.38 | 22.51 | 22.43 | | |
| | | | 50 | 0 | 21.57 | 21.54 | 21.75 | | |
| | | | 50 | 24 | 21.45 | 21.45 | 21.54 | | |
| | | | 50 | 49 | 21.48 | 21.53 | 21.48 | | |
| | | | 100 | 0 | 22.47 | 22.46 | 22.60 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 20.21 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | 16QAM | 1 | 0 | 22.22 | 22.34 | 22.25 | | |
| | | | 1 | 49 | 22.20 | 22.07 | 22.25 | | |
| | | | 1 | 99 | 22.15 | 22.09 | 22.02 | | |
| | | | 50 | 0 | 20.56 | 20.77 | 20.74 | | |
| | | | 50 | 24 | 20.60 | 20.54 | 20.50 | | |
| | | | 50 | 49 | 20.96 | 20.49 | 20.52 | | |
| | | | 100 | 0 | 22.03 | 22.09 | 22.14 | | |
| | | Antenna Gain (dBi): | | | | | -2.4 | | |
| | | Max. EIRP (dBm): | | | | | 19.94 | | |
| | | EIRP Limit (dBm): | | | | | 30.00 | | |
| | | Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). | | | | | | | |

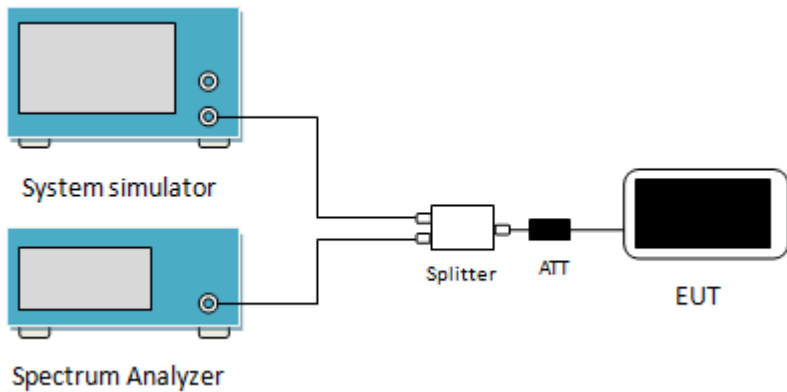
| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 20407 | 20525 | 20643 | | |
| | | | | | 824.7MHz | 836.5MHz | 848.3MHz | | |
| 5 | 1.4 | QPSK | 1 | 0 | 22.70 | 22.69 | 22.67 | | |
| | | | 1 | 2 | 22.76 | 22.58 | 22.63 | | |
| | | | 1 | 5 | 22.73 | 22.63 | 22.64 | | |
| | | | 3 | 0 | 22.06 | 21.95 | 22.06 | | |
| | | | 3 | 1 | 22.13 | 22.00 | 22.03 | | |
| | | | 3 | 2 | 22.07 | 21.95 | 21.98 | | |
| | | | 6 | 0 | 22.74 | 22.82 | 22.60 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.57 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | 16QAM | 1 | 0 | 22.45 | 22.08 | 21.98 | | |
| | | | 1 | 2 | 22.39 | 21.72 | 21.53 | | |
| | | | 1 | 5 | 22.25 | 21.74 | 21.44 | | |
| | | | 3 | 0 | 21.43 | 21.22 | 21.23 | | |
| | | | 3 | 1 | 21.21 | 21.37 | 21.26 | | |
| | | | 3 | 2 | 21.33 | 21.32 | 21.47 | | |
| | | | 6 | 0 | 22.45 | 22.08 | 22.03 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.20 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20415 | 20525 | | | | | | 20635 | | |
| 825.5MHz | 836.5MHz | | | | | | 847.50MHz | | |
| 5 | 3 | QPSK | 1 | 0 | 22.67 | 22.64 | 22.73 | | |
| | | | 1 | 7 | 22.59 | 22.63 | 22.68 | | |
| | | | 1 | 14 | 22.70 | 22.70 | 22.80 | | |
| | | | 8 | 0 | 21.96 | 22.04 | 21.76 | | |
| | | | 8 | 4 | 21.99 | 22.01 | 21.84 | | |
| | | | 8 | 7 | 22.03 | 21.96 | 21.79 | | |
| | | | 15 | 0 | 22.70 | 22.81 | 22.65 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.56 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | 16QAM | 1 | 0 | 22.12 | 21.87 | 22.11 | | |
| | | | 1 | 7 | 22.09 | 21.82 | 22.00 | | |
| | | | 1 | 14 | 22.05 | 21.97 | 21.97 | | |
| | | | 8 | 0 | 21.30 | 20.71 | 21.12 | | |
| | | | 8 | 4 | 21.25 | 21.28 | 20.85 | | |
| | | | 8 | 7 | 21.24 | 21.12 | 20.57 | | |
| | | | 15 | 0 | 22.06 | 22.08 | 22.02 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 18.87 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | <p>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).</p> | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 20425 | 20525 | 20625 | | |
| | | | | | 826.5MHz | 836.5MHz | 846.5MHz | | |
| 5 | 5 | QPSK | 1 | 0 | 22.73 | 22.76 | 22.64 | | |
| | | | 1 | 12 | 22.85 | 22.60 | 22.72 | | |
| | | | 1 | 24 | 22.71 | 22.71 | 22.69 | | |
| | | | 12 | 0 | 21.86 | 21.82 | 21.96 | | |
| | | | 12 | 6 | 21.89 | 21.83 | 21.82 | | |
| | | | 12 | 11 | 21.83 | 21.80 | 21.75 | | |
| | | | 25 | 0 | 22.88 | 22.83 | 22.89 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.64 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | 16QAM | 1 | 0 | 21.96 | 22.07 | 21.59 | | |
| | | | 1 | 12 | 21.97 | 22.06 | 21.79 | | |
| | | | 1 | 24 | 21.80 | 21.65 | 21.60 | | |
| | | | 12 | 0 | 21.24 | 20.64 | 20.75 | | |
| | | | 12 | 6 | 21.36 | 20.95 | 20.97 | | |
| | | | 12 | 11 | 21.31 | 21.07 | 20.93 | | |
| | | | 25 | 0 | 21.95 | 22.17 | 21.95 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 18.92 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20450 | 20525 | | | | | | 20600 | | |
| 829.0MHz | 836.5MHz | | | | | | 844.0MHz | | |
| 5 | 10 | QPSK | 1 | 0 | 22.62 | 22.52 | 22.65 | | |
| | | | 1 | 24 | 22.78 | 22.74 | 22.76 | | |
| | | | 1 | 49 | 22.82 | 22.81 | 22.62 | | |
| | | | 25 | 0 | 22.05 | 21.88 | 21.89 | | |
| | | | 25 | 12 | 21.81 | 21.79 | 21.60 | | |
| | | | 25 | 24 | 21.86 | 21.86 | 21.74 | | |
| | | | 50 | 0 | 22.86 | 22.94 | 22.72 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.69 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | 16QAM | 1 | 0 | 22.15 | 21.74 | 21.62 | | |
| | | | 1 | 24 | 22.07 | 21.98 | 21.91 | | |
| | | | 1 | 49 | 22.06 | 21.85 | 21.95 | | |
| | | | 25 | 0 | 21.21 | 20.82 | 21.04 | | |
| | | | 25 | 12 | 21.10 | 21.04 | 20.77 | | |
| | | | 25 | 24 | 21.02 | 20.90 | 21.08 | | |
| | | | 50 | 0 | 22.39 | 22.08 | 22.01 | | |
| | | Antenna Gain(dBi): | | | | | -1.1 | | |
| | | Max. ERP (dBm): | | | | | 19.14 | | |
| | | ERP Limit (dBm): | | | | | 38.45 | | |
| | | <p>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).</p> | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|--|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 20775 | 21100 | 21425 | | |
| | | | | | 2502.5MHz | 2535.0MHz | 2567.5MHz | | |
| 7 | 5 | QPSK | 1 | 0 | 22.84 | 22.75 | 22.70 | | |
| | | | 1 | 12 | 22.80 | 22.67 | 22.68 | | |
| | | | 1 | 24 | 22.88 | 22.68 | 22.75 | | |
| | | | 12 | 0 | 21.93 | 21.97 | 21.98 | | |
| | | | 12 | 6 | 21.90 | 21.94 | 21.90 | | |
| | | | 12 | 11 | 21.99 | 21.96 | 21.92 | | |
| | | | 25 | 0 | 22.39 | 22.43 | 22.45 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 22.08 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.55 | 22.20 | 22.16 | | |
| | | | 1 | 12 | 22.13 | 22.44 | 22.06 | | |
| | | | 1 | 24 | 22.08 | 22.04 | 22.11 | | |
| | | | 12 | 0 | 21.31 | 21.20 | 21.14 | | |
| | | | 12 | 6 | 21.29 | 21.10 | 21.09 | | |
| | | | 12 | 11 | 21.31 | 21.25 | 21.10 | | |
| | | | 25 | 0 | 21.61 | 21.74 | 21.46 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 21.75 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20800 | 21100 | | | | | | 21400 | | |
| 2505.0MHz | 2535.0MHz | | | | | | 2565.0MHz | | |
| 7 | 10 | QPSK | 1 | 0 | 22.92 | 22.74 | 22.64 | | |
| | | | 1 | 24 | 22.94 | 22.82 | 22.72 | | |
| | | | 1 | 49 | 22.95 | 22.80 | 22.77 | | |
| | | | 25 | 0 | 21.86 | 22.02 | 21.87 | | |
| | | | 25 | 12 | 21.91 | 21.90 | 21.90 | | |
| | | | 25 | 24 | 21.94 | 21.98 | 21.91 | | |
| | | | 50 | 0 | 22.52 | 22.55 | 22.47 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 22.15 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.10 | 22.47 | 22.41 | | |
| | | | 1 | 24 | 22.23 | 22.10 | 22.24 | | |
| | | | 1 | 49 | 22.12 | 22.14 | 22.07 | | |
| | | | 25 | 0 | 21.27 | 21.34 | 21.40 | | |
| | | | 25 | 12 | 21.19 | 21.48 | 21.28 | | |
| | | | 25 | 24 | 21.15 | 21.37 | 21.08 | | |
| | | | 50 | 0 | 21.63 | 21.49 | 21.52 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 21.67 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). | | | | | | | |

| LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | | | |
|-----------|-----------------|---|-----------------|------------|---------------------|-----------|---------------------|--|--|
| | | | | | 20825 | 21100 | 21375 | | |
| | | | | | 2507.5MHz | 2535.0MHz | 2562.5MHz | | |
| 7 | 15 | QPSK | 1 | 0 | 22.75 | 22.82 | 22.77 | | |
| | | | 1 | 37 | 22.82 | 22.86 | 22.82 | | |
| | | | 1 | 74 | 22.88 | 22.84 | 22.78 | | |
| | | | 36 | 0 | 22.10 | 21.97 | 21.98 | | |
| | | | 36 | 16 | 21.97 | 22.05 | 21.93 | | |
| | | | 36 | 35 | 22.07 | 21.98 | 21.89 | | |
| | | | 75 | 0 | 22.59 | 22.49 | 22.30 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 22.08 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.15 | 22.13 | 22.05 | | |
| | | | 1 | 37 | 22.03 | 22.38 | 22.55 | | |
| | | | 1 | 74 | 22.52 | 22.17 | 22.32 | | |
| | | | 36 | 0 | 21.17 | 21.03 | 21.13 | | |
| | | | 36 | 16 | 21.22 | 21.01 | 21.16 | | |
| | | | 36 | 35 | 21.28 | 21.06 | 21.26 | | |
| | | | 75 | 0 | 21.52 | 21.67 | 21.56 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 21.75 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | LTE Band | Bandwidth (MHz) | Modulation | RB Size | RB Offset | Average Power (dBm) | | |
| 20850 | 21100 | | | | | | 21350 | | |
| 2510.0MHz | 2535.0MHz | | | | | | 2560.0MHz | | |
| 7 | 20 | QPSK | 1 | 0 | 22.92 | 22.86 | 22.80 | | |
| | | | 1 | 49 | 22.93 | 22.97 | 22.92 | | |
| | | | 1 | 99 | 23.01 | 23.03 | 23.04 | | |
| | | | 50 | 0 | 22.05 | 21.95 | 21.94 | | |
| | | | 50 | 24 | 22.13 | 21.96 | 21.93 | | |
| | | | 50 | 49 | 22.01 | 22.06 | 21.94 | | |
| | | | 100 | 0 | 22.57 | 22.32 | 22.53 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 22.24 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | 16QAM | 1 | 0 | 22.40 | 22.25 | 22.61 | | |
| | | | 1 | 49 | 22.07 | 22.32 | 22.42 | | |
| | | | 1 | 99 | 22.67 | 22.41 | 22.75 | | |
| | | | 50 | 0 | 21.17 | 21.22 | 21.13 | | |
| | | | 50 | 24 | 21.16 | 21.24 | 21.26 | | |
| | | | 50 | 49 | 21.18 | 21.17 | 21.23 | | |
| | | | 100 | 0 | 21.52 | 21.64 | 21.33 | | |
| | | Antenna Gain (dBi): | | | | | -0.8 | | |
| | | Max. EIRP (dBm): | | | | | 21.95 | | |
| | | EIRP Limit (dBm): | | | | | 33.00 | | |
| | | <i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> | | | | | | | |

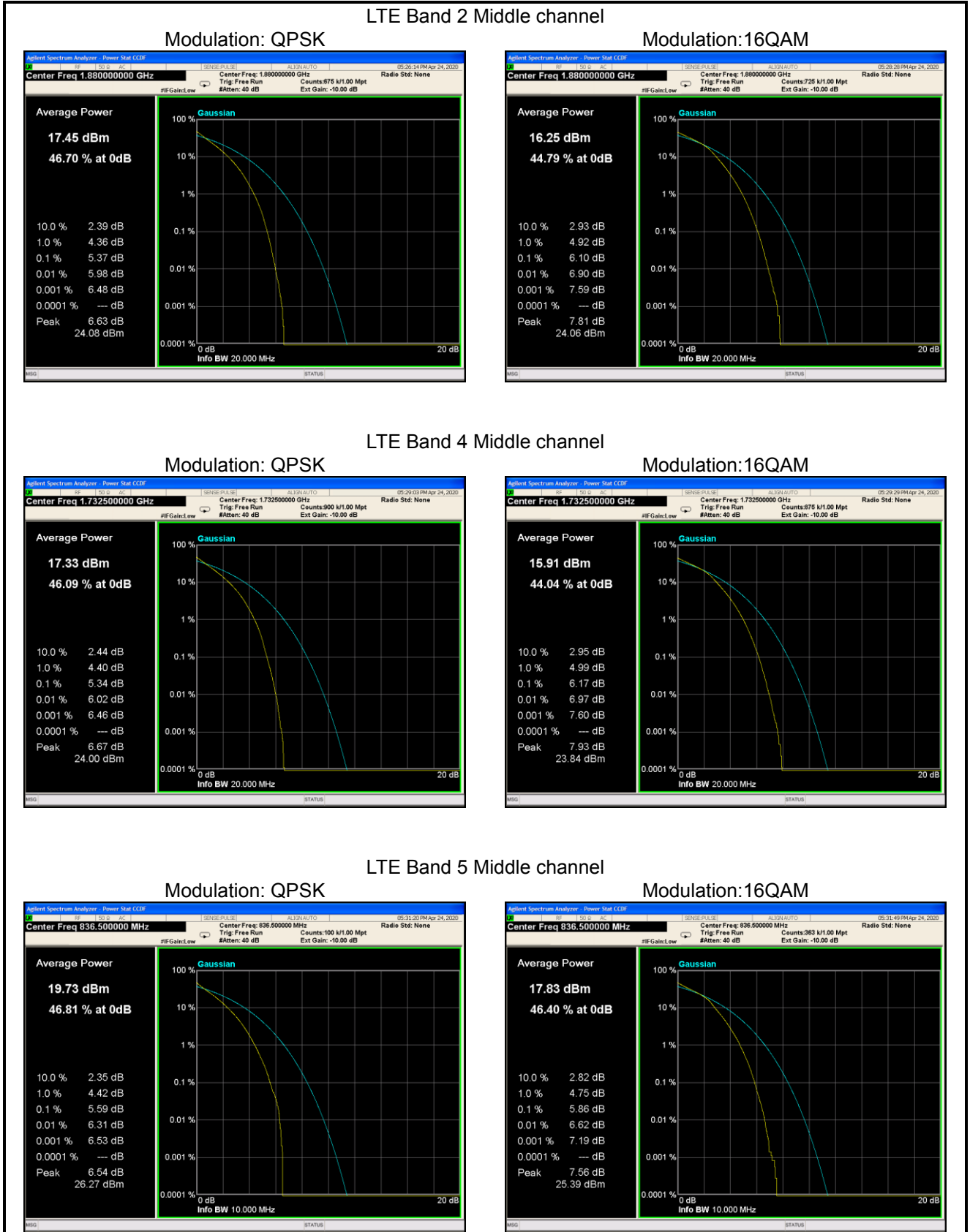
6.2 Peak-to-Average Ratio

| | |
|-------------------|---|
| Test Requirement: | Part 24.232 (d), Part 27.50(d)(5) |
| Limit: | The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB. |
| Test Setup: |  <p>The diagram illustrates the test setup. On the left, there are two blue rectangular units: the top one is labeled 'System simulator' and the bottom one is labeled 'Spectrum Analyzer'. Both have a screen and two circular ports on the right side. A single line connects the two ports of the System simulator to a central 'Splitter' box. Another line connects the two ports of the Spectrum Analyzer to the same 'Splitter' box. From the right side of the Splitter, a line goes to a small black rectangular box labeled 'ATT' (Attenuator). Finally, a line connects the ATT to a white rectangular device with a black screen, labeled 'EUT' (Equipment Under Test).</p> |
| Test Procedure: | <ol style="list-style-type: none"> 1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 Set the CCDF option in spectrum analyzer, $RBW \geq OBW$, 3 Set the EUT working in highest power level, measured and recorded the 0.1% as PAPR level. 4 Repeat step 1~3 at other frequency and modulations. |
| Test Instruments: | Refer to section 5.10 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

Measurement Data (Worst case):

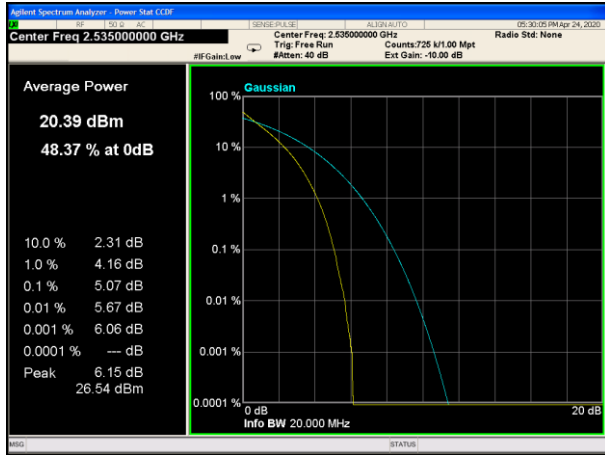
| Bandwidth | Modulation | RB Size | RB Offset | PAPR |
|-----------------------------|------------|---------|-----------|------|
| LTE Band 2 (Middle Channel) | | | | |
| 20MHz | QPSK | 100 | 0 | 5.37 |
| | 16QAM | 100 | 0 | 6.10 |
| LTE Band 4 (Middle Channel) | | | | |
| 20MHz | QPSK | 100 | 0 | 5.34 |
| | 16QAM | 100 | 0 | 6.17 |
| LTE Band 5 (Middle Channel) | | | | |
| 10MHz | QPSK | 50 | 0 | 5.59 |
| | 16QAM | 50 | 0 | 5.86 |
| LTE Band 7 (Middle Channel) | | | | |
| 20MHz | QPSK | 100 | 0 | 5.07 |
| | 16QAM | 100 | 0 | 5.73 |

Test plots as below:

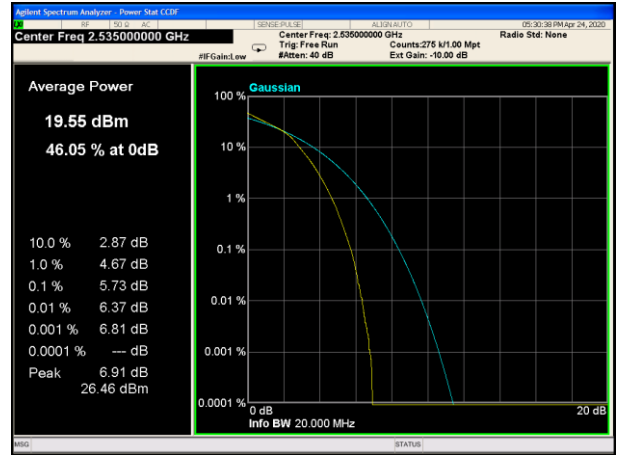


LTE Band 7 Middle channel

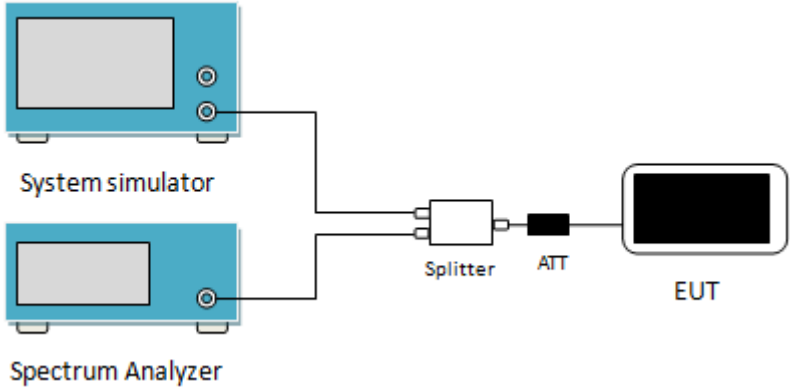
Modulation: QPSK



Modulation: 16QAM



6.3 Occupy Bandwidth

| | |
|-------------------|--|
| Test Requirement: | Part 22.917(b), Part 24.238(b), Part 27.53(h), Part 27.53(m) |
| Test Setup: |  <p>The diagram shows a test setup. On the left, there are two blue rectangular units: the top one is labeled 'System simulator' and the bottom one is labeled 'Spectrum Analyzer'. Both have a single circular connector on their right side. These two connectors are connected to a single input of a white rectangular 'Splitter'. The Splitter has two outputs: one goes to a black rectangular 'ATT' (attenuator), and the other goes to a white rectangular 'EUT' (Equipment Under Test) which has a circular connector on its left side.</p> |
| Test Procedure: | <ol style="list-style-type: none"> 1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer 2. RBW was set to about 1% ~ 5% of emission BW, VBW= 3 times RBW. 3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. |
| Test Instruments: | Refer to section 5.10 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

Measurement Data:

| LTE Band 2 | | | | | |
|------------|---------|-----------------|------------|---------------|-----------------|
| Bandwidth | Channel | Frequency (MHz) | Modulation | 99% OBW (kHz) | -26dBcEBW (kHz) |
| 1.4MHz | 18607 | 1850.70 | 16QAM | 1092 | 1278 |
| | | | QPSK | 1098 | 1260 |
| | 18900 | 1880.00 | 16QAM | 1098 | 1260 |
| | | | QPSK | 1098 | 1266 |
| | 19193 | 1909.30 | 16QAM | 1098 | 1290 |
| | | | QPSK | 1098 | 1260 |
| 3MHz | 18615 | 1851.50 | 16QAM | 2748 | 3120 |
| | | | QPSK | 2760 | 3144 |
| | 18900 | 1880.00 | 16QAM | 2736 | 3072 |
| | | | QPSK | 2760 | 3132 |
| | 19185 | 1908.50 | 16QAM | 2748 | 3108 |
| | | | QPSK | 2760 | 3120 |
| 5MHz | 18625 | 1852.50 | 16QAM | 4500 | 4960 |
| | | | QPSK | 4540 | 4980 |
| | 18900 | 1880.00 | 16QAM | 4520 | 4820 |
| | | | QPSK | 4520 | 4980 |
| | 19175 | 1907.50 | 16QAM | 4500 | 4920 |
| | | | QPSK | 4520 | 4920 |
| 10MHz | 18650 | 1855.00 | 16QAM | 9120 | 10080 |
| | | | QPSK | 9120 | 10200 |
| | 18900 | 1880.00 | 16QAM | 9160 | 10040 |
| | | | QPSK | 9120 | 10200 |
| | 19150 | 1905.00 | 16QAM | 9080 | 10200 |
| | | | QPSK | 9120 | 10240 |
| 15MHz | 18675 | 1857.50 | 16QAM | 13560 | 14700 |
| | | | QPSK | 13500 | 15060 |
| | 18900 | 1880.00 | 16QAM | 13500 | 14940 |
| | | | QPSK | 13560 | 1500 |
| | 19125 | 1902.50 | 16QAM | 13500 | 14700 |
| | | | QPSK | 13500 | 14820 |
| 20MHz | 18700 | 1860.00 | 16QAM | 18000 | 19520 |
| | | | QPSK | 18000 | 19680 |
| | 18900 | 1880.00 | 16QAM | 18000 | 19600 |
| | | | QPSK | 18000 | 19600 |
| | 19100 | 1900.00 | 16QAM | 18000 | 19360 |
| | | | QPSK | 18000 | 19760 |

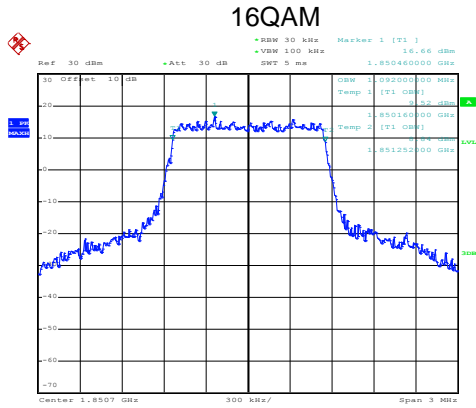
| LTE Band 4 | | | | | |
|------------|---------|-----------------|------------|---------------|-----------------|
| Bandwidth | Channel | Frequency (MHz) | Modulation | 99% OBW (kHz) | -26dBcEBW (kHz) |
| 1.4MHz | 19957 | 1710.7 | 16QAM | 1092 | 1266 |
| | | | QPSK | 1104 | 1272 |
| | 20175 | 1732.5 | 16QAM | 1098 | 1260 |
| | | | QPSK | 1104 | 1272 |
| | 20393 | 1754.3 | 16QAM | 1086 | 1284 |
| | | | QPSK | 1104 | 1266 |
| 3MHz | 19965 | 1711.5 | 16QAM | 2736 | 3036 |
| | | | QPSK | 2760 | 3108 |
| | 20175 | 1732.5 | 16QAM | 2760 | 3144 |
| | | | QPSK | 2772 | 3096 |
| | 20385 | 1750.5 | 16QAM | 2748 | 3036 |
| | | | QPSK | 2760 | 3120 |
| 5MHz | 19975 | 1712.5 | 16QAM | 4500 | 4940 |
| | | | QPSK | 4500 | 5000 |
| | 20175 | 1732.5 | 16QAM | 4500 | 4880 |
| | | | QPSK | 4520 | 4960 |
| | 20375 | 1752.5 | 16QAM | 4480 | 4900 |
| | | | QPSK | 4520 | 4960 |
| 10MHz | 20000 | 1715.0 | 16QAM | 9120 | 10200 |
| | | | QPSK | 9160 | 10200 |
| | 20175 | 1732.5 | 16QAM | 9120 | 10120 |
| | | | QPSK | 9120 | 10240 |
| | 20350 | 1750.0 | 16QAM | 9080 | 10120 |
| | | | QPSK | 9120 | 10240 |
| 15MHz | 20025 | 1717.5 | 16QAM | 13500 | 15120 |
| | | | QPSK | 13620 | 14880 |
| | 20175 | 1732.5 | 16QAM | 13500 | 14880 |
| | | | QPSK | 13500 | 14820 |
| | 20325 | 1747.5 | 16QAM | 13500 | 14820 |
| | | | QPSK | 13560 | 15120 |
| 20MHz | 20050 | 1720.0 | 16QAM | 18000 | 19280 |
| | | | QPSK | 18000 | 19680 |
| | 20175 | 1732.5 | 16QAM | 18000 | 19600 |
| | | | QPSK | 18000 | 19680 |
| | 20300 | 1745.0 | 16QAM | 18000 | 19520 |
| | | | QPSK | 18000 | 19600 |

| TE Band 5 | | | | | |
|-----------|---------|-----------------|------------|---------------|-----------------|
| Bandwidth | Channel | Frequency (MHz) | Modulation | 99% OBW (kHz) | -26dBcEBW (kHz) |
| 1.4MHz | 20407 | 824.7 | 16QAM | 1098 | 1248 |
| | | | QPSK | 1104 | 1260 |
| | 20525 | 836.5 | 16QAM | 1098 | 1260 |
| | | | QPSK | 1098 | 1278 |
| | 20643 | 848.3 | 16QAM | 1098 | 1242 |
| | | | QPSK | 1104 | 1278 |
| 3MHz | 20415 | 825.5 | 16QAM | 2736 | 3084 |
| | | | QPSK | 2760 | 3156 |
| | 20525 | 836.50 | 16QAM | 2736 | 3060 |
| | | | QPSK | 2760 | 3120 |
| | 20635 | 847.50 | 16QAM | 2736 | 3096 |
| | | | QPSK | 2760 | 3120 |
| 5MHz | 20425 | 826.50 | 16QAM | 4500 | 4880 |
| | | | QPSK | 4520 | 4960 |
| | 20525 | 836.50 | 16QAM | 4480 | 4980 |
| | | | QPSK | 4540 | 4920 |
| | 20625 | 846.50 | 16QAM | 4520 | 4940 |
| | | | QPSK | 4500 | 4900 |
| 10MHz | 20450 | 829.00 | 16QAM | 9120 | 10080 |
| | | | QPSK | 9120 | 10080 |
| | 20525 | 836.50 | 16QAM | 9120 | 10000 |
| | | | QPSK | 9120 | 10240 |
| | 20600 | 844.00 | 16QAM | 9040 | 10160 |
| | | | QPSK | 9120 | 10200 |

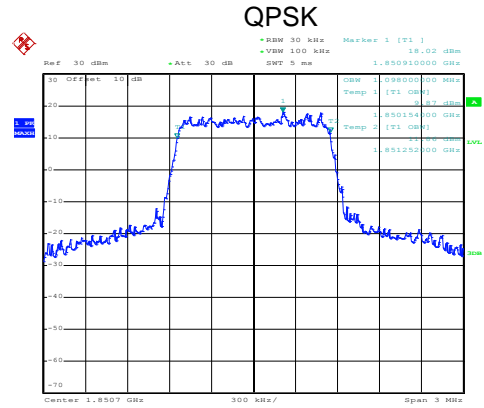
| LTE Band 7 | | | | | |
|------------|---------|-----------------|------------|---------------|-----------------|
| Bandwidth | Channel | Frequency (MHz) | Modulation | 99% OBW (kHz) | -26dBcEBW (kHz) |
| 5MHz | 20775 | 2502.5 | 16QAM | 4500 | 4960 |
| | | | QPSK | 4500 | 5060 |
| | 21100 | 2535.0 | 16QAM | 4500 | 4860 |
| | | | QPSK | 4520 | 4960 |
| | 21425 | 2567.5 | 16QAM | 4520 | 4900 |
| | | | QPSK | 4540 | 5080 |
| 10MHz | 20800 | 2505.0 | 16QAM | 9120 | 10080 |
| | | | QPSK | 9120 | 10400 |
| | 21100 | 2535.0 | 16QAM | 9120 | 10200 |
| | | | QPSK | 9120 | 10240 |
| | 21400 | 2565.0 | 16QAM | 9120 | 10360 |
| | | | QPSK | 9160 | 10240 |
| 15MHz | 20825 | 2507.5 | 16QAM | 13500 | 15240 |
| | | | QPSK | 13500 | 15180 |
| | 21100 | 2535.0 | 16QAM | 13560 | 15000 |
| | | | QPSK | 13560 | 15000 |
| | 21375 | 2562.5 | 16QAM | 13560 | 15060 |
| | | | QPSK | 13500 | 15000 |
| 20MHz | 20850 | 2510.0 | 16QAM | 18000 | 19680 |
| | | | QPSK | 18080 | 19760 |
| | 21100 | 2535.0 | 16QAM | 17920 | 19840 |
| | | | QPSK | 18080 | 19920 |
| | 21350 | 2560.0 | 16QAM | 18000 | 19760 |
| | | | QPSK | 18080 | 20160 |

Test plot as follows:
LTE Band 2 part:

LTE Band 2: 99% Occupy bandwidth
BW: 1.4MHz

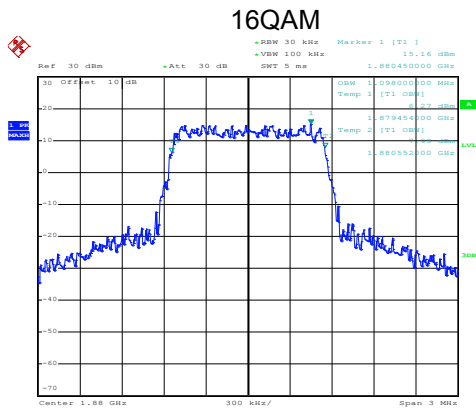


Date: 26.APR.2020 10:53:11

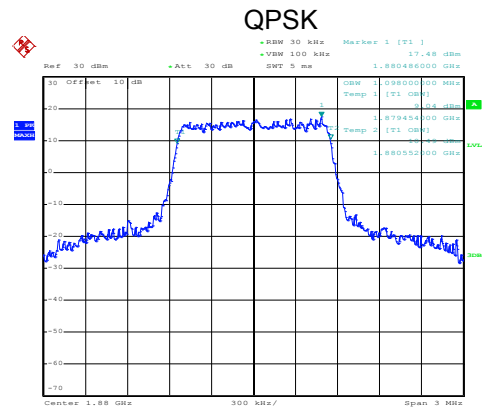


Date: 26.APR.2020 10:53:05

Lowest channel

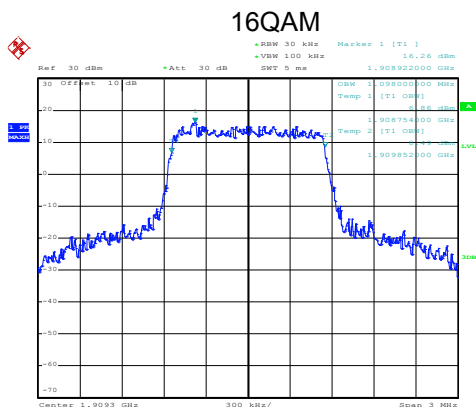


Date: 26.APR.2020 10:53:49

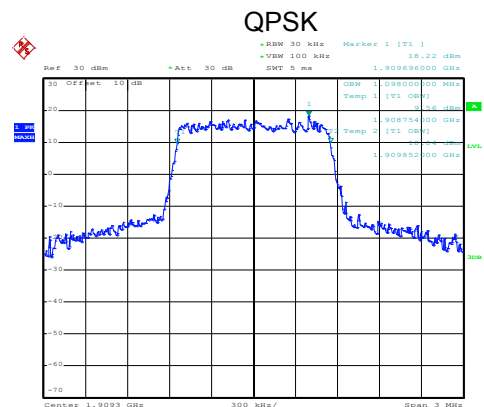


Date: 26.APR.2020 10:53:45

Middle channel



Date: 26.APR.2020 10:54:06

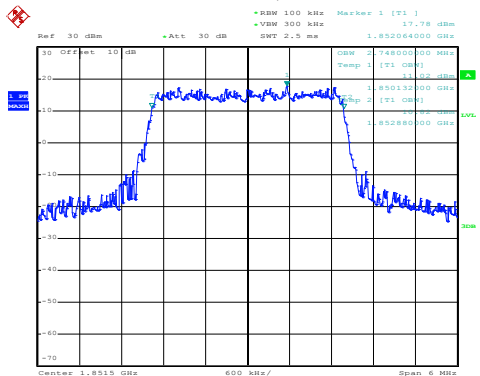


Date: 26.APR.2020 10:54:01

Highest channel

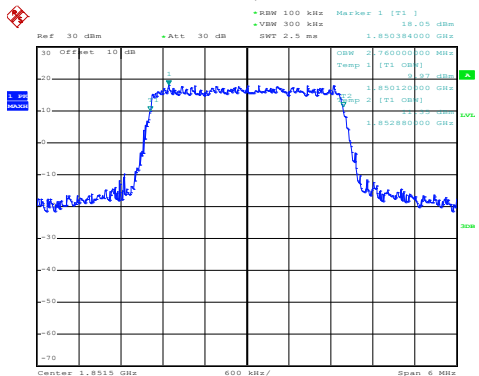
LTE Band 2: 99% Occupy bandwidth
BW: 3MHz

16QAM



Date: 26.APR.2020 10:51:23

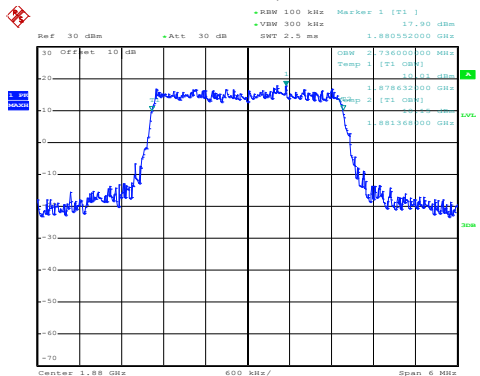
QPSK



Date: 26.APR.2020 10:51:18

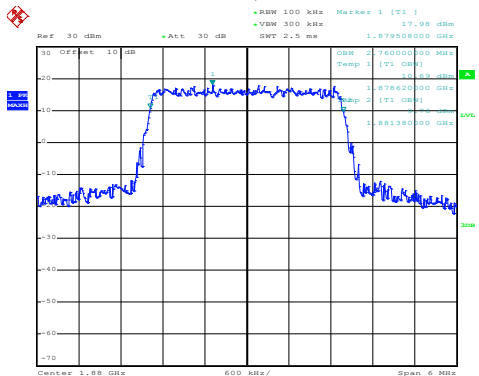
Lowest channel

16QAM



Date: 26.APR.2020 10:51:42

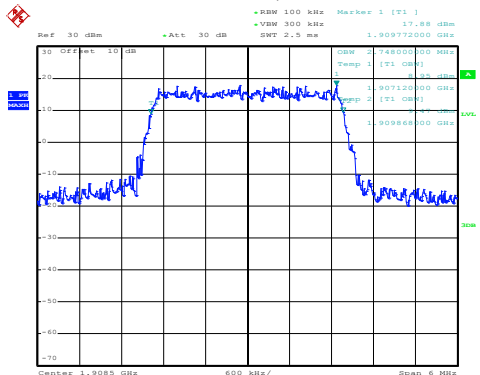
QPSK



Date: 26.APR.2020 10:51:38

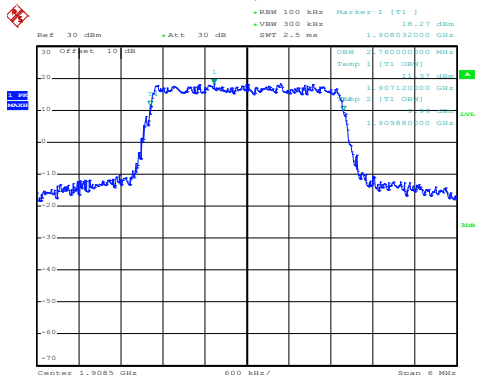
Middle channel

16QAM



Date: 26.APR.2020 10:52:30

QPSK

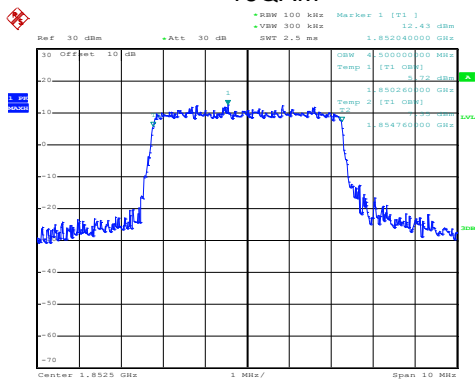


Date: 26.APR.2020 10:52:26

Highest channel

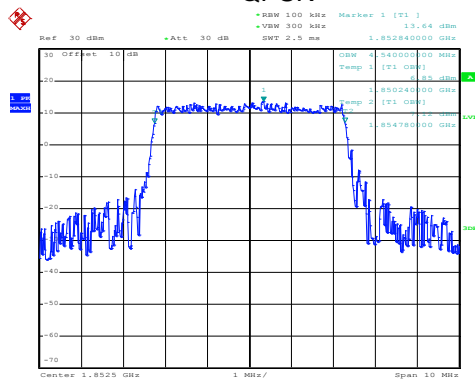
LTE Band 2: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:49:41

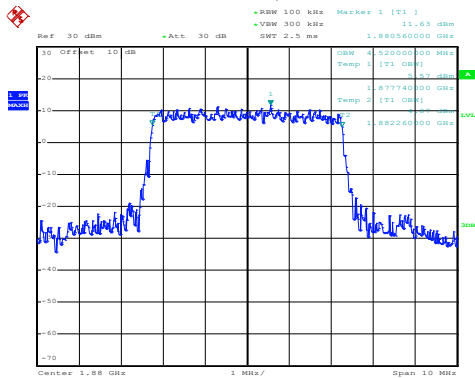
QPSK



Date: 26.APR.2020 10:49:33

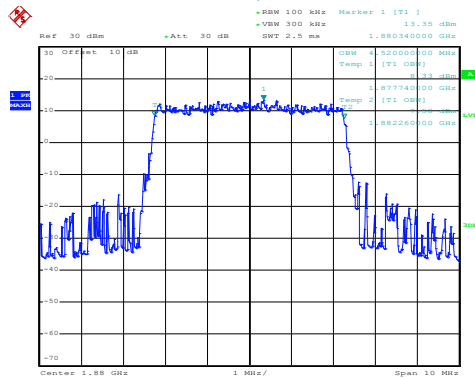
Lowest channel

16QAM



Date: 26.APR.2020 10:49:54

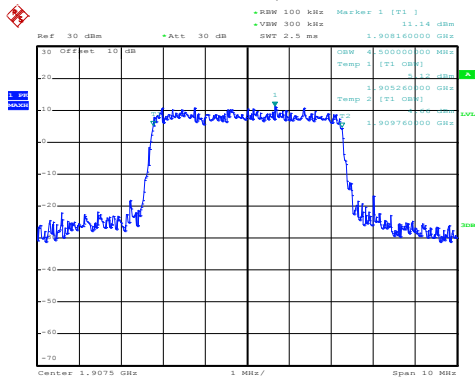
QPSK



Date: 26.APR.2020 10:49:50

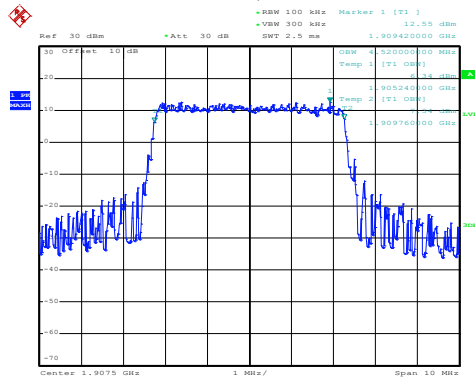
Middle channel

16QAM



Date: 26.APR.2020 10:50:33

QPSK

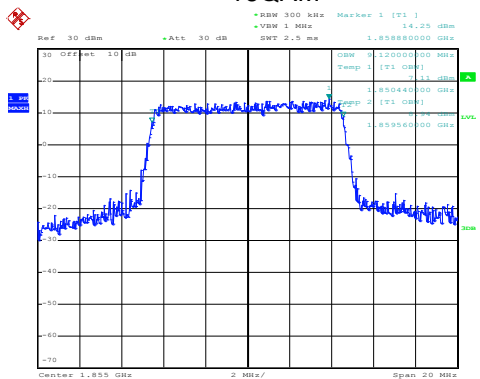


Date: 26.APR.2020 10:50:28

Highest channel

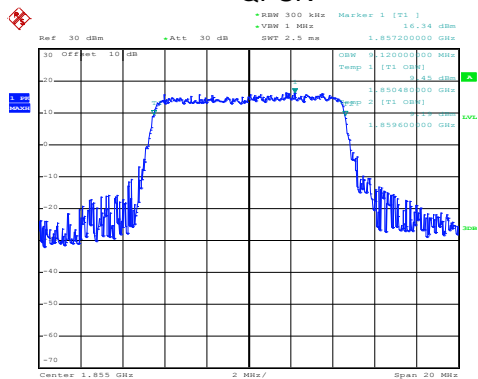
LTE Band 2: 99% Occupancy bandwidth BW: 10MHz

16QAM



Date: 26.APR.2020 10:47:37

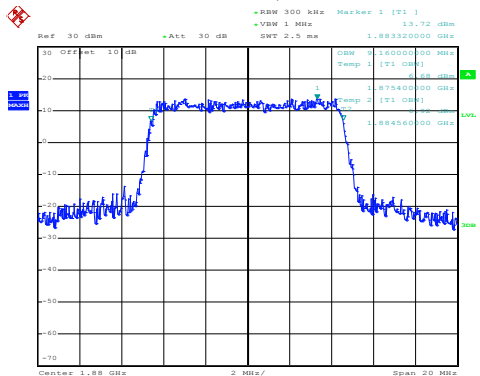
QPSK



Date: 26.APR.2020 10:47:32

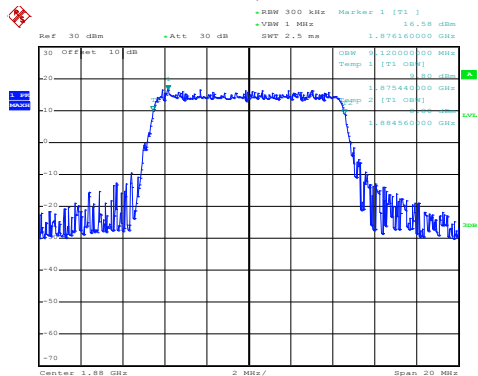
Lowest channel

16QAM



Date: 26.APR.2020 10:48:13

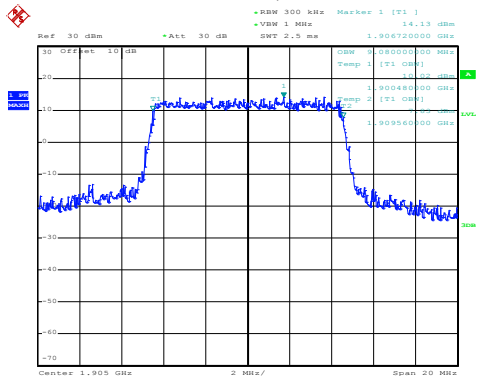
QPSK



Date: 26.APR.2020 10:48:09

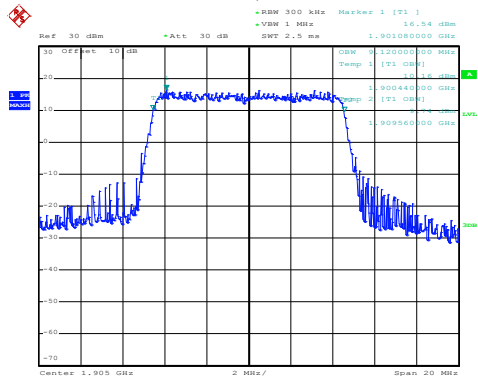
Middle channel

16QAM



Date: 26.APR.2020 10:48:32

QPSK

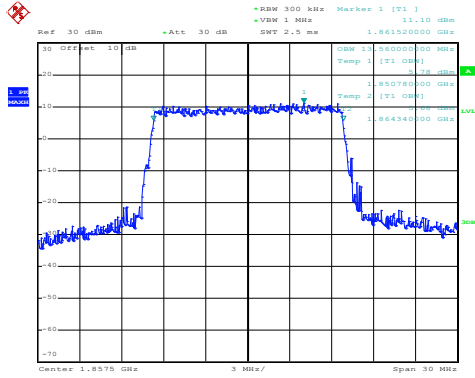


Date: 26.APR.2020 10:48:28

Highest channel

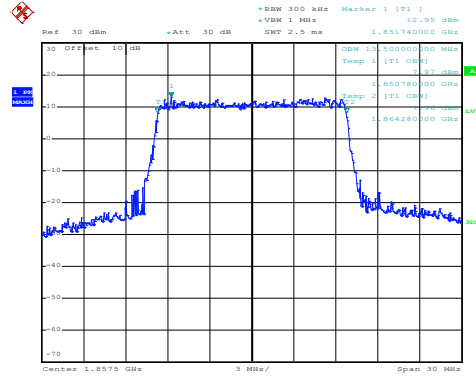
LTE Band 2: 99% Occupancy bandwidth BW: 15MHz

16QAM



Date: 26.APR.2020 10:46:07

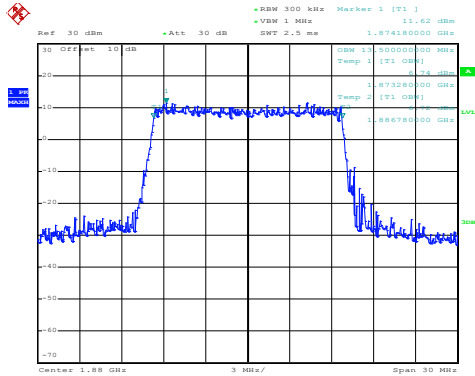
QPSK



Date: 26.APR.2020 10:46:02

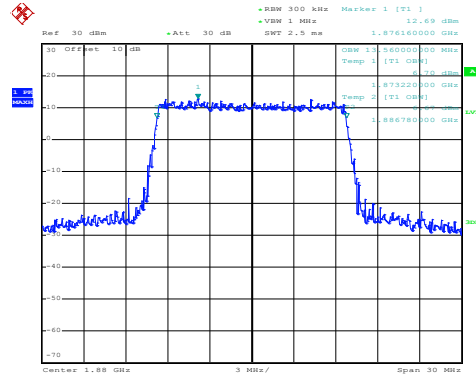
Lowest channel

16QAM



Date: 26.APR.2020 10:46:24

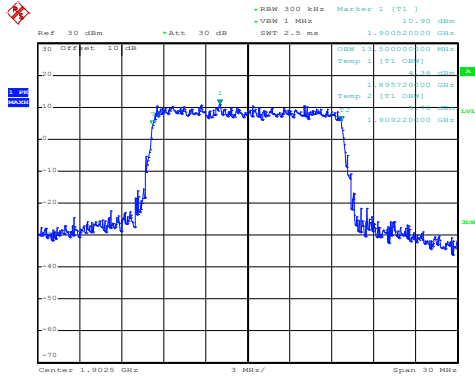
QPSK



Date: 26.APR.2020 10:46:19

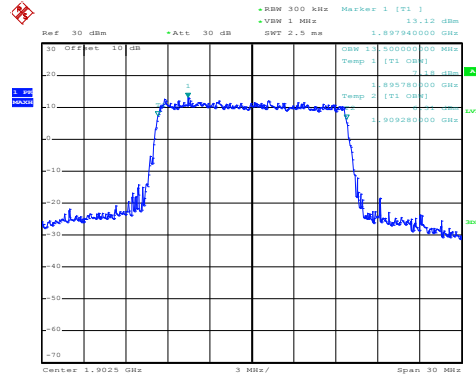
Middle channel

16QAM



Date: 26.APR.2020 10:47:04

QPSK

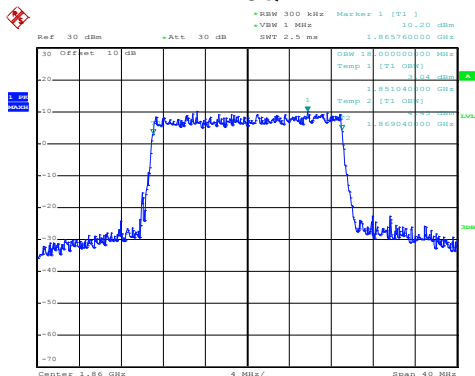


Date: 26.APR.2020 10:47:00

Highest channel

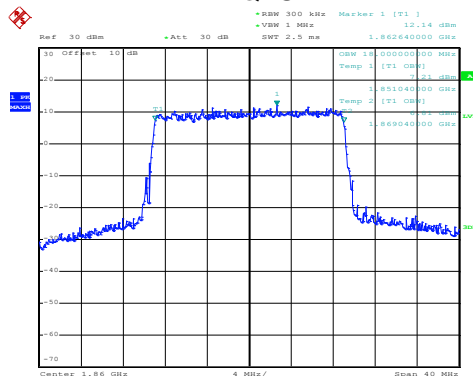
LTE Band 2: 99% Occupancy bandwidth BW: 20MHz

16QAM



Date: 26.APR.2020 10:45:10

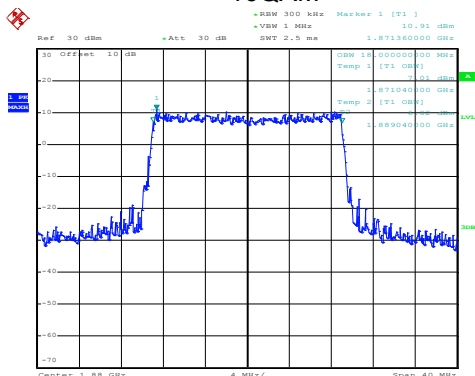
QPSK



Date: 26.APR.2020 10:45:05

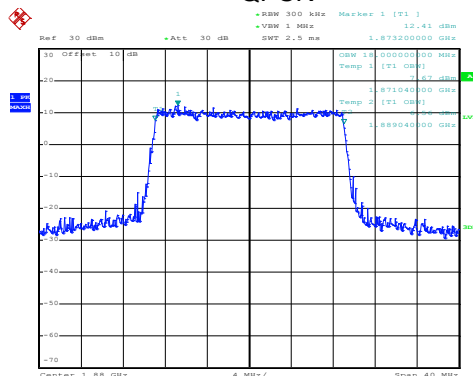
Lowest channel

16QAM



Date: 26.APR.2020 10:44:54

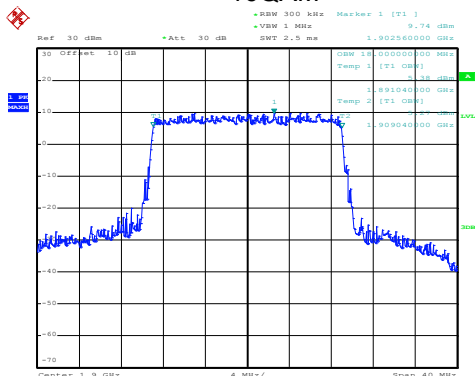
QPSK



Date: 26.APR.2020 10:44:49

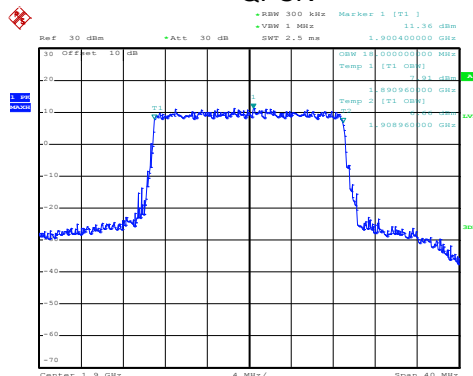
Middle channel

16QAM



Date: 26.APR.2020 10:44:13

QPSK

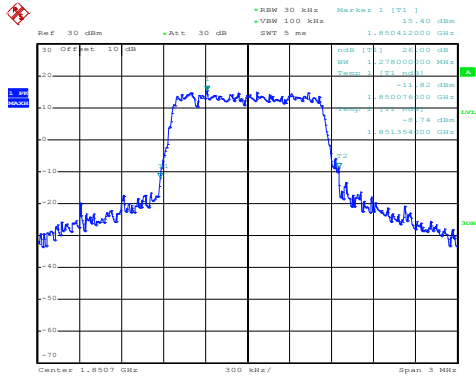


Date: 26.APR.2020 10:44:08

Highest channel

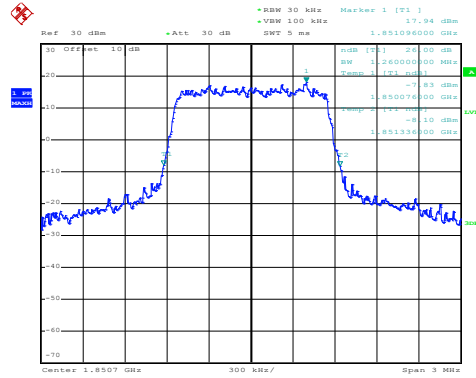
LTE Band 2: -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 26.APR.2020 10:53:25

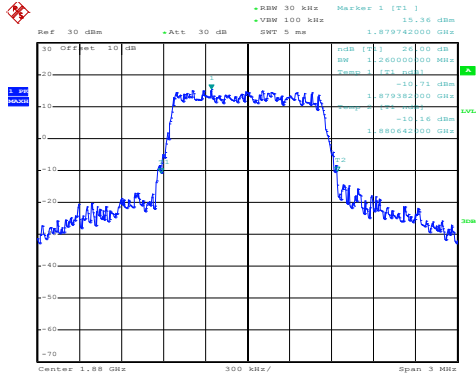
QPSK



Date: 26.APR.2020 10:53:21

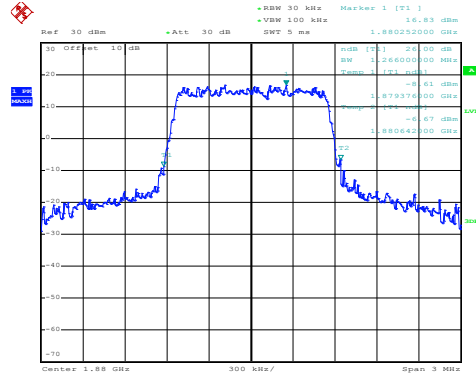
Lowest channel

16QAM



Date: 26.APR.2020 10:53:39

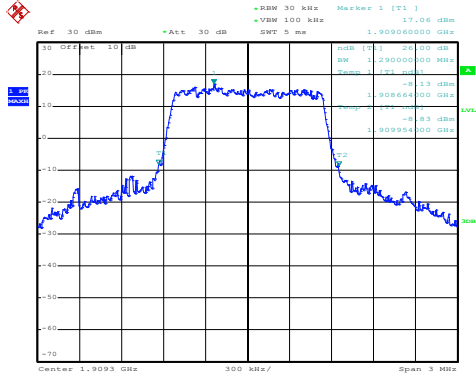
QPSK



Date: 26.APR.2020 10:53:35

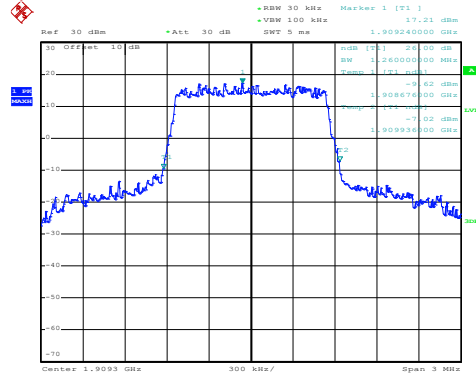
Middle channel

16QAM



Date: 26.APR.2020 10:54:15

QPSK

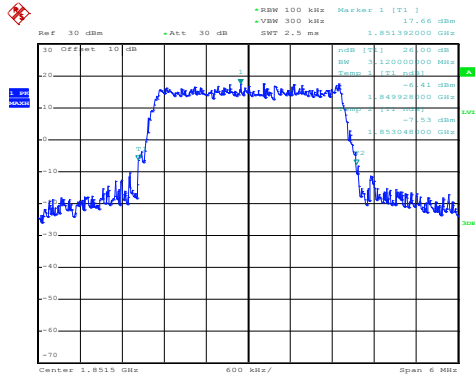


Date: 26.APR.2020 10:54:21

Highest channel

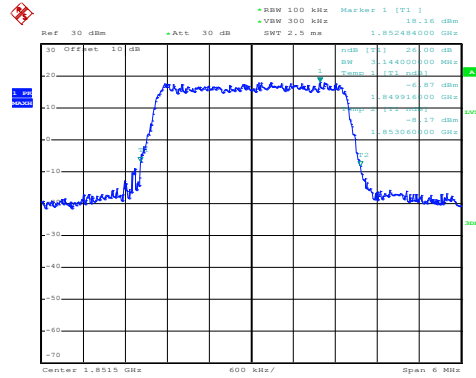
LTE Band 2: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 26.APR.2020 10:51:12

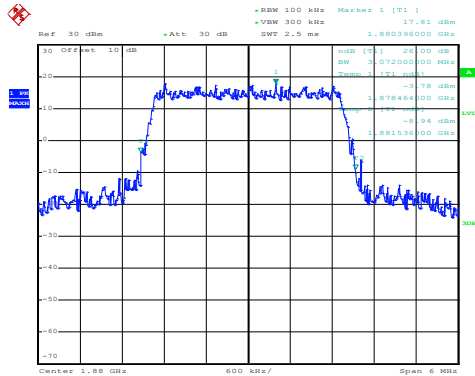
QPSK



Date: 26.APR.2020 10:51:08

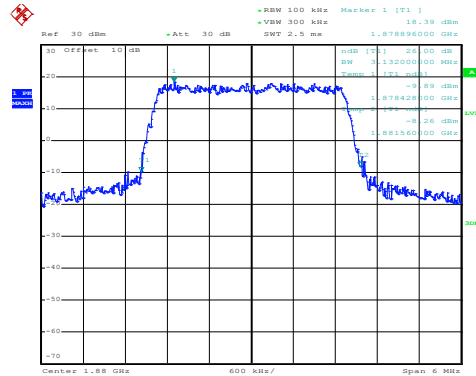
Lowest channel

16QAM



Date: 26.APR.2020 10:51:53

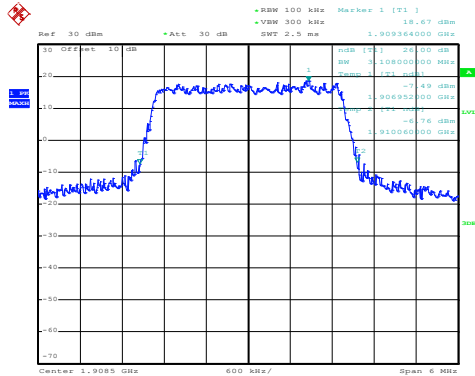
QPSK



Date: 26.APR.2020 10:51:49

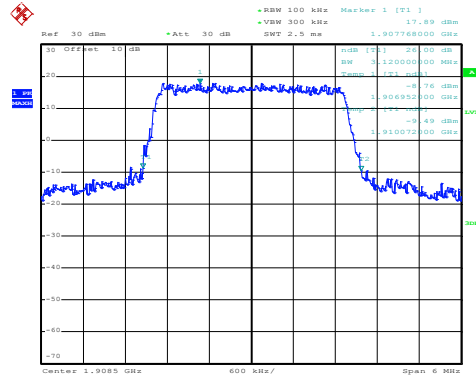
Middle channel

16QAM



Date: 26.APR.2020 10:52:13

QPSK

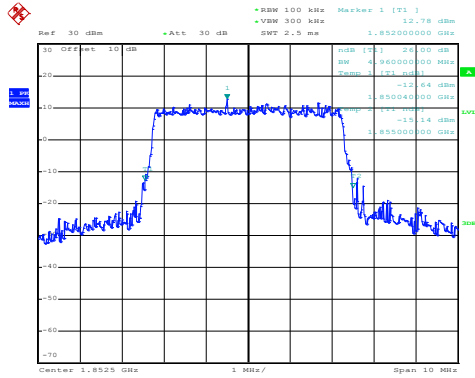


Date: 26.APR.2020 10:52:18

Highest channel

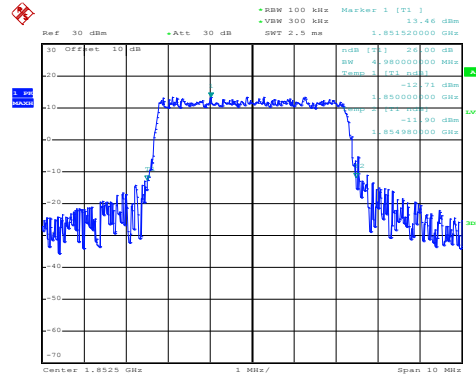
LTE Band 2: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:49:25

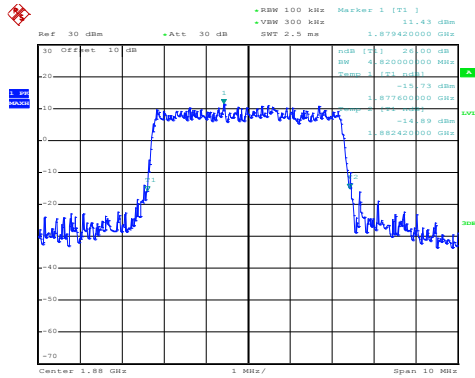
QPSK



Date: 26.APR.2020 10:49:20

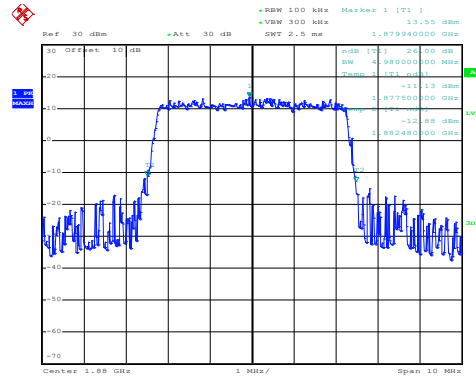
Lowest channel

16QAM



Date: 26.APR.2020 10:50:05

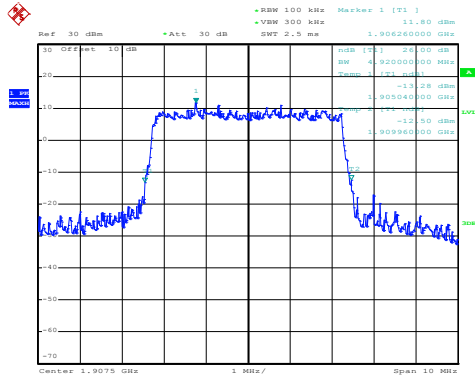
QPSK



Date: 26.APR.2020 10:50:00

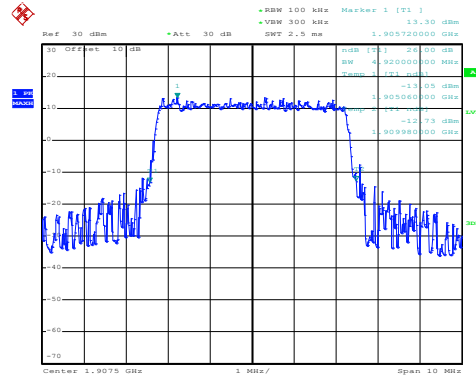
Middle channel

16QAM



Date: 26.APR.2020 10:50:22

QPSK

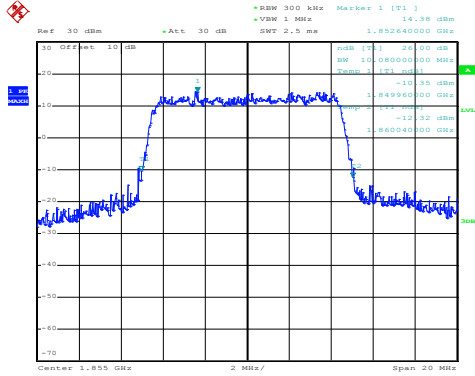


Date: 26.APR.2020 10:50:46

Highest channel

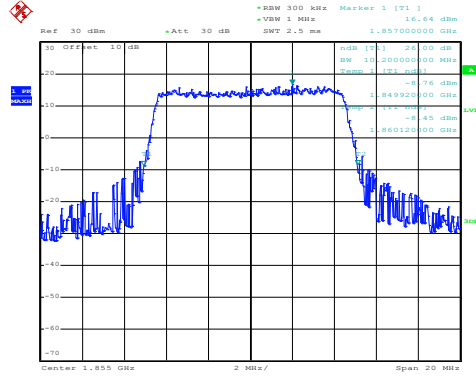
LTE Band 2: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 26.APR.2020 10:47:48

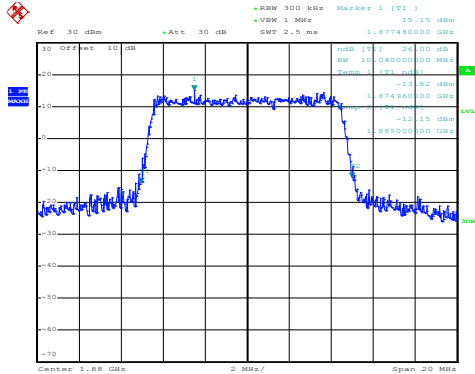
QPSK



Date: 26.APR.2020 10:47:44

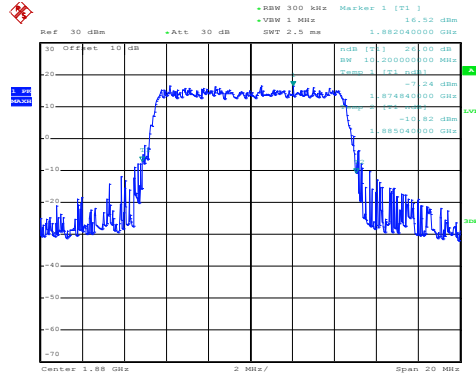
Lowest channel

16QAM



Date: 26.APR.2020 10:48:01

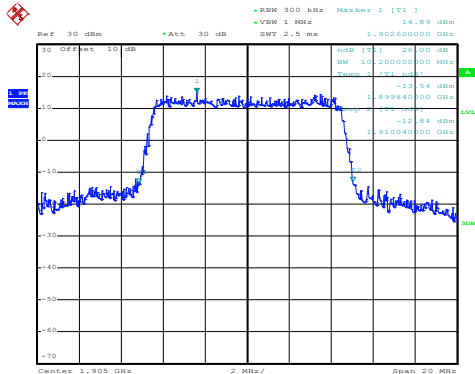
QPSK



Date: 26.APR.2020 10:47:56

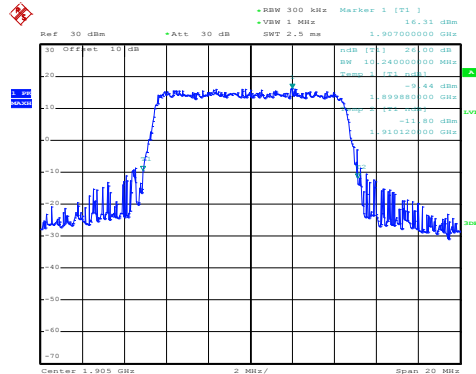
Middle channel

16QAM



Date: 26.APR.2020 10:48:43

QPSK

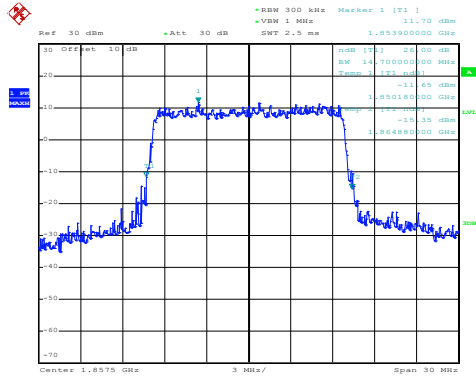


Date: 26.APR.2020 10:48:39

Highest channel

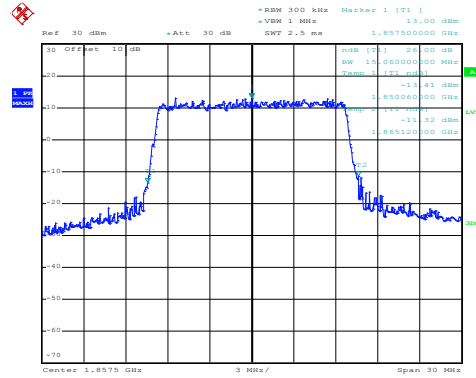
LTE Band 2: -26dBc bandwidth BW: 15MHz

16QAM



Date: 26.APR.2020 10:45:55

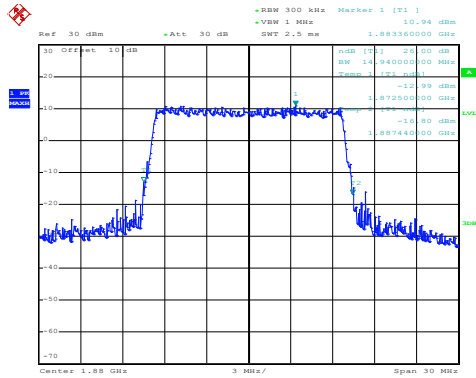
QPSK



Date: 26.APR.2020 10:45:51

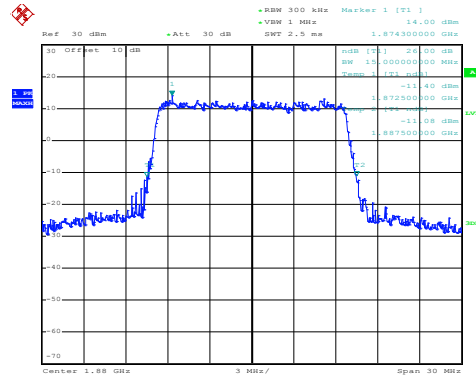
Lowest channel

16QAM



Date: 26.APR.2020 10:46:35

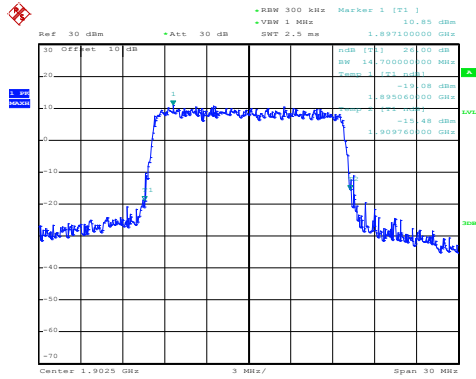
QPSK



Date: 26.APR.2020 10:46:30

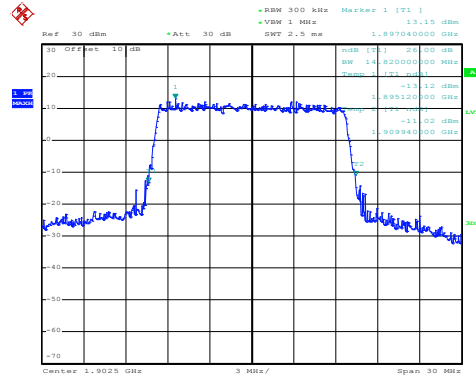
Middle channel

16QAM



Date: 26.APR.2020 10:46:54

QPSK

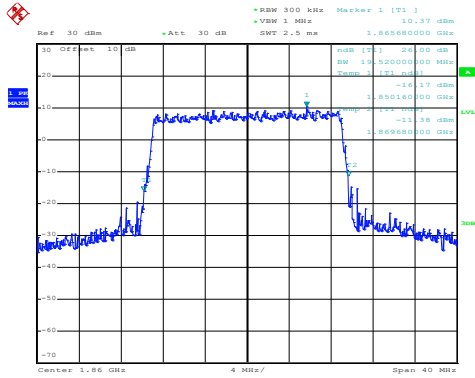


Date: 26.APR.2020 10:46:50

Highest channel

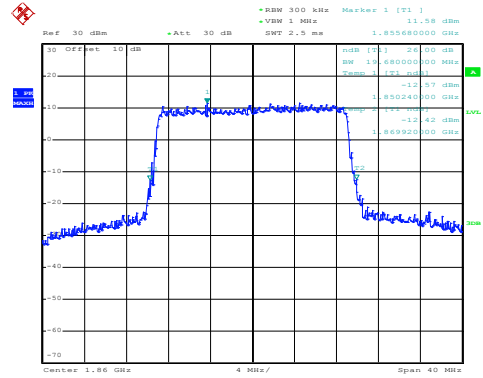
LTE Band 2: -26dBc bandwidth BW: 20MHz

16QAM



Date: 26.APR.2020 10:45:20

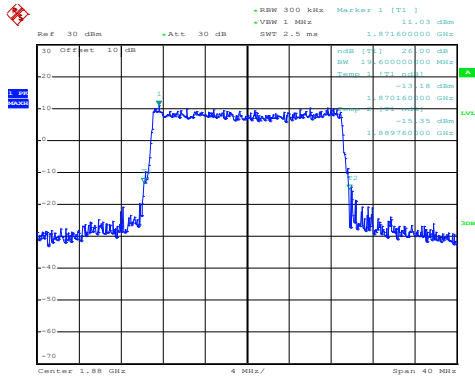
QPSK



Date: 26.APR.2020 10:45:16

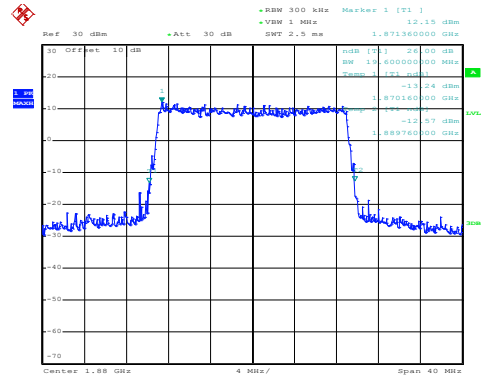
Lowest channel

16QAM



Date: 26.APR.2020 10:44:43

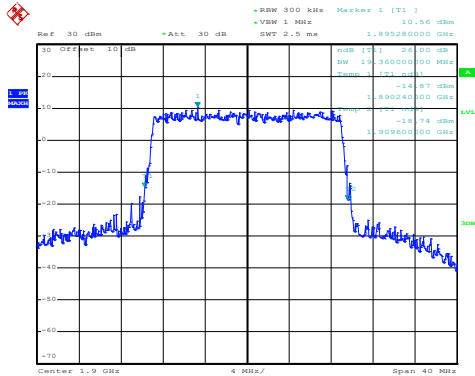
QPSK



Date: 26.APR.2020 10:44:38

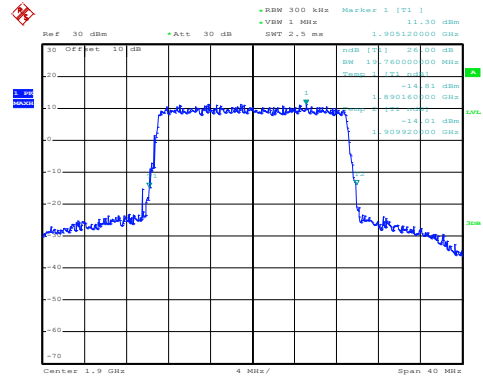
Middle channel

16QAM



Date: 26.APR.2020 10:44:24

QPSK

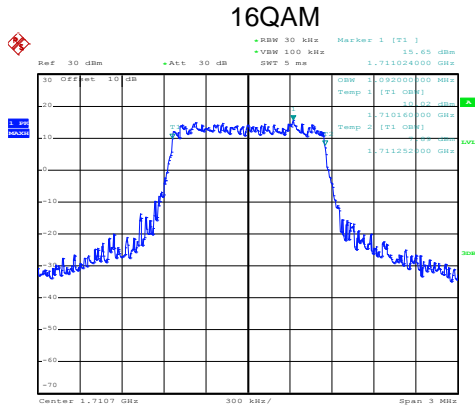


Date: 26.APR.2020 10:44:20

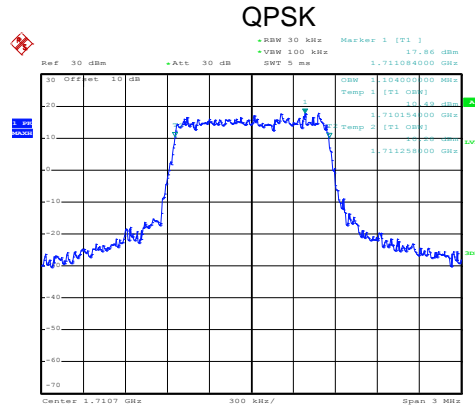
Highest channel

LTE Band 4 part:

LTE Band 4: 99% Occupy bandwidth
BW: 1.4MHz

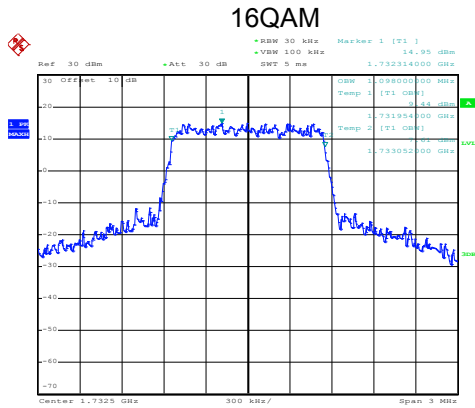


Date: 26.APR.2020 10:33:30

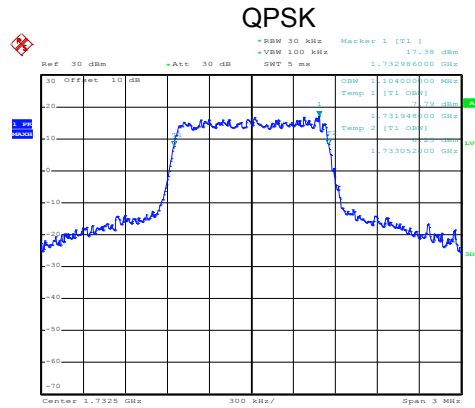


Date: 26.APR.2020 10:33:25

Lowest channel

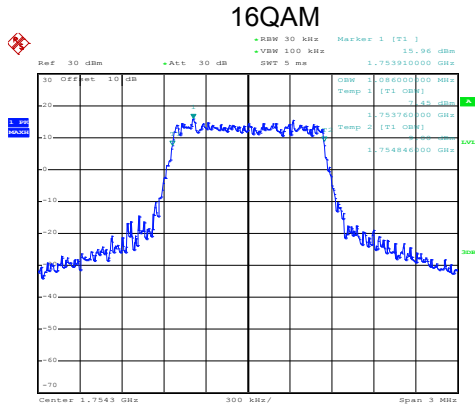


Date: 26.APR.2020 10:33:44

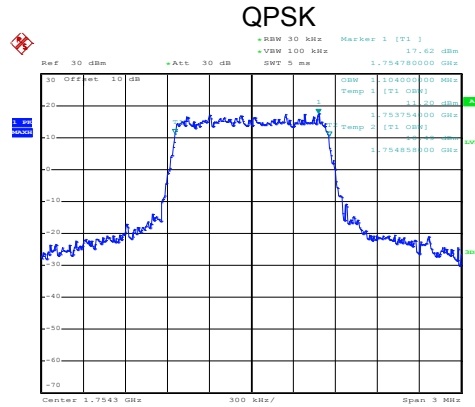


Date: 26.APR.2020 10:33:40

Middle channel



Date: 26.APR.2020 10:34:23

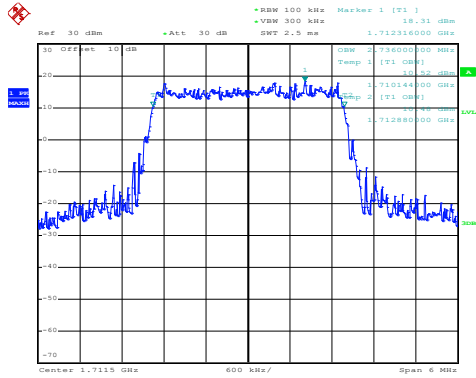


Date: 26.APR.2020 10:34:19

Highest channel

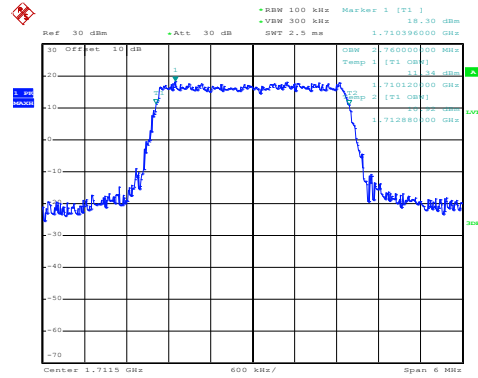
LTE Band 4: 99% Occupancy bandwidth BW: 3MHz

16QAM



Date: 26.APR.2020 10:35:00

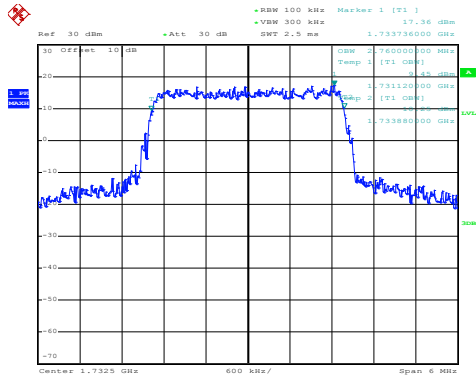
QPSK



Date: 26.APR.2020 10:34:56

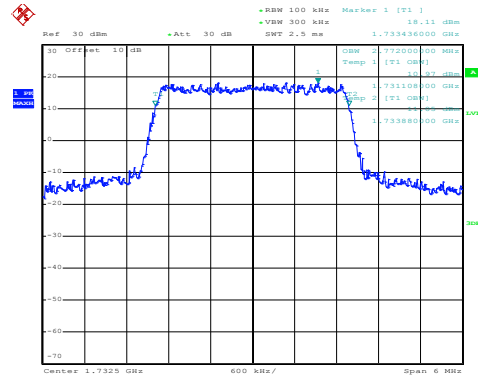
Lowest channel

16QAM



Date: 26.APR.2020 10:35:19

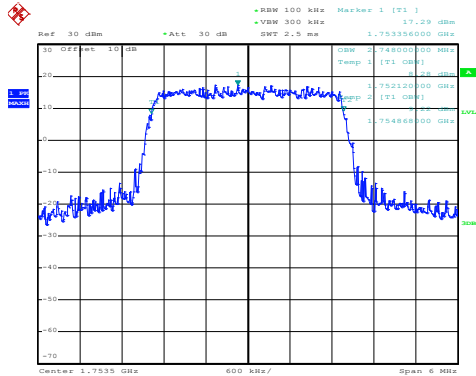
QPSK



Date: 26.APR.2020 10:35:35

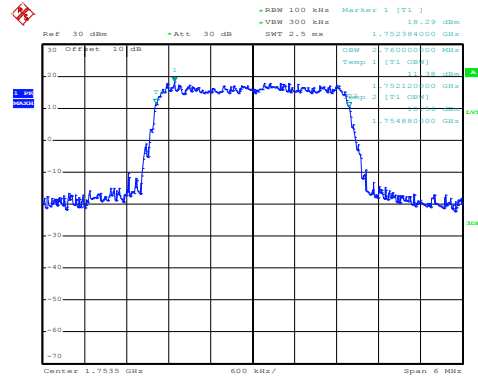
Middle channel

16QAM



Date: 26.APR.2020 10:36:00

QPSK

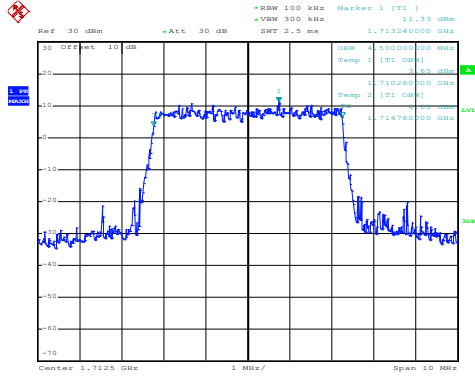


Date: 26.APR.2020 10:35:56

Highest channel

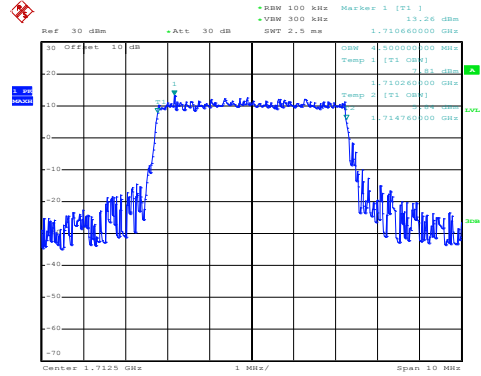
LTE Band 4: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:37:03

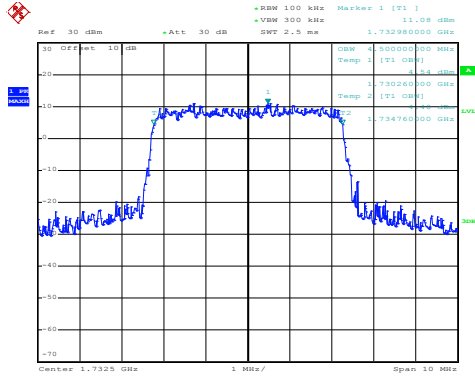
QPSK



Date: 26.APR.2020 10:36:59

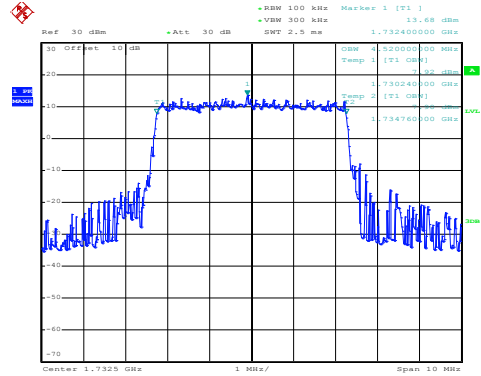
Lowest channel

16QAM



Date: 26.APR.2020 10:37:17

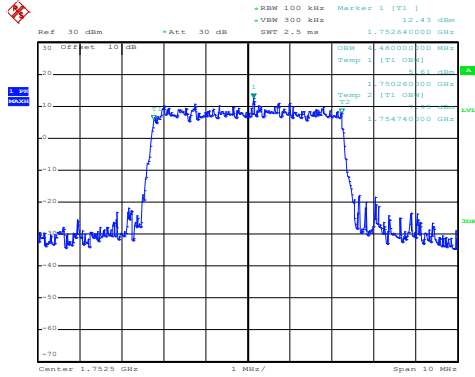
QPSK



Date: 26.APR.2020 10:37:13

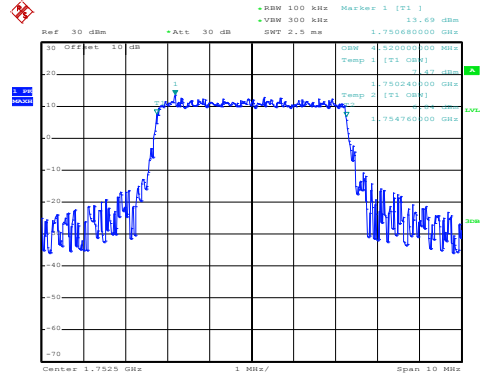
Middle channel

16QAM



Date: 26.APR.2020 10:38:02

QPSK

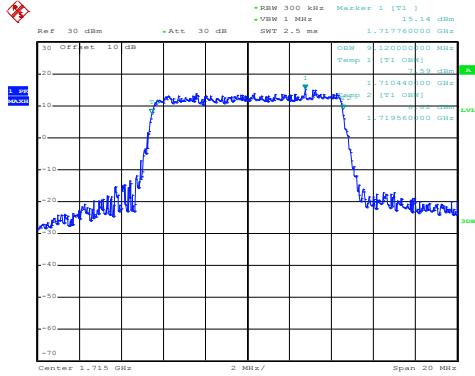


Date: 26.APR.2020 10:37:58

Highest channel

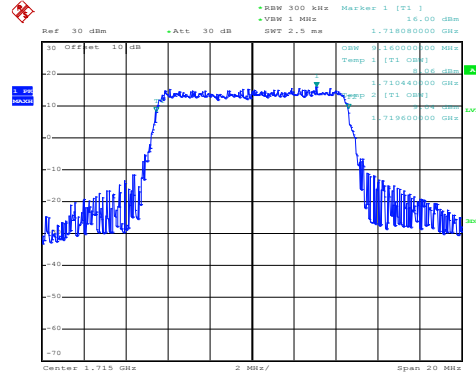
LTE Band 4: 99% Occupancy bandwidth BW: 10MHz

16QAM



Date: 26.APR.2020 10:39:35

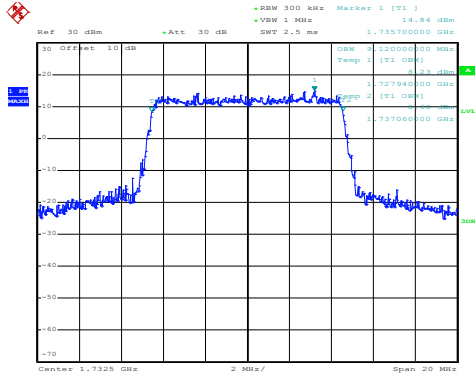
QPSK



Date: 26.APR.2020 10:39:27

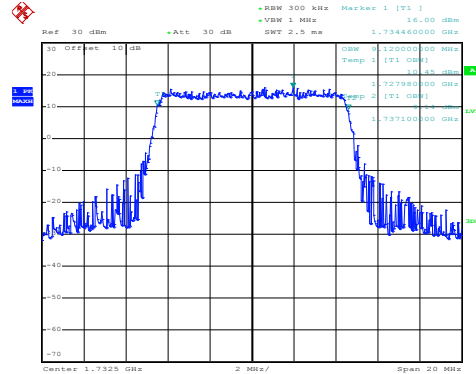
Lowest channel

16QAM



Date: 26.APR.2020 10:39:52

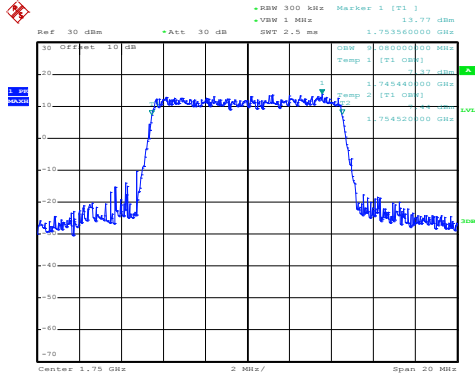
QPSK



Date: 26.APR.2020 10:39:46

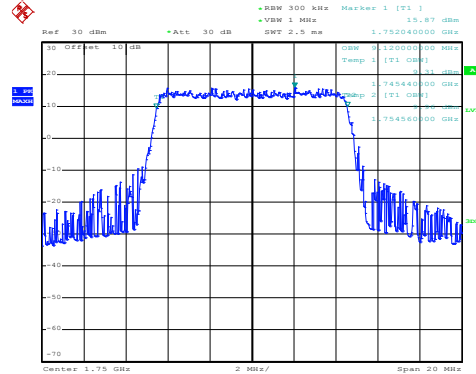
Middle channel

16QAM



Date: 26.APR.2020 10:40:32

QPSK

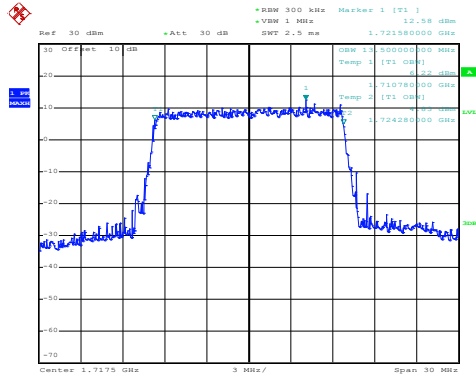


Date: 26.APR.2020 10:40:27

Highest channel

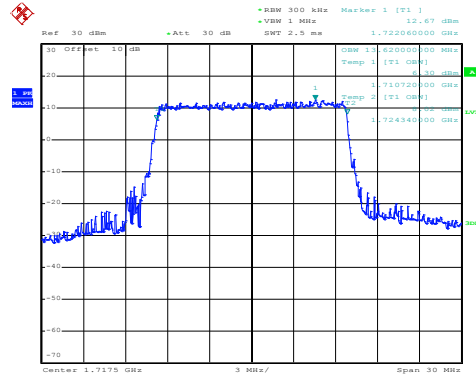
LTE Band 4: 99% Occupancy bandwidth BW: 15MHz

16QAM



Date: 26.APR.2020 10:41:00

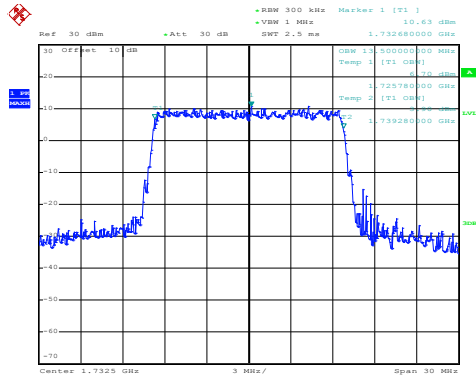
QPSK



Date: 26.APR.2020 10:40:56

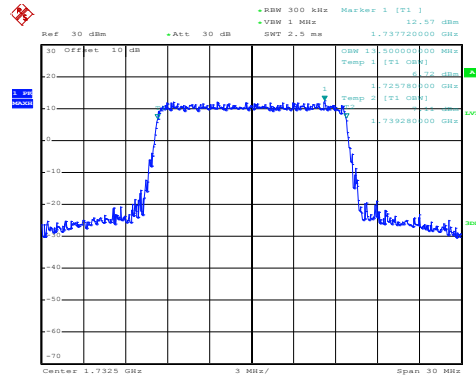
Lowest channel

16QAM



Date: 26.APR.2020 10:41:38

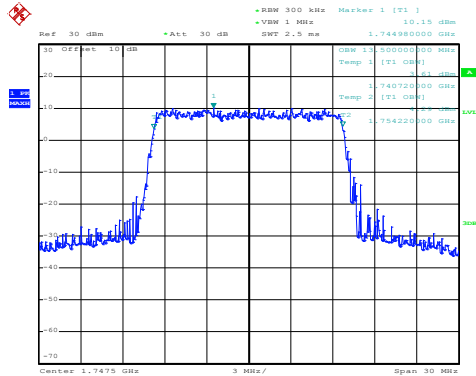
QPSK



Date: 26.APR.2020 10:41:34

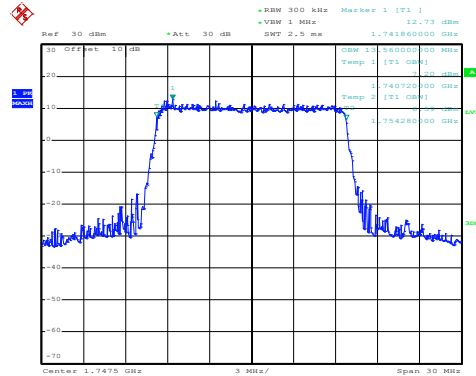
Middle channel

16QAM



Date: 26.APR.2020 10:41:59

QPSK

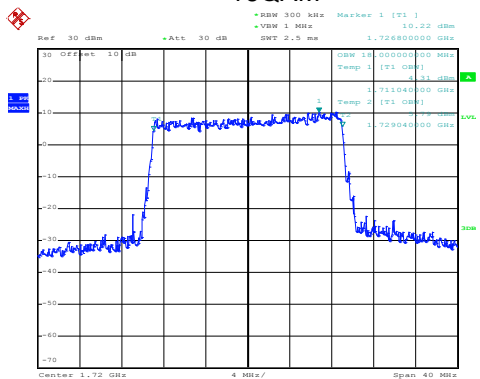


Date: 26.APR.2020 10:41:54

Highest channel

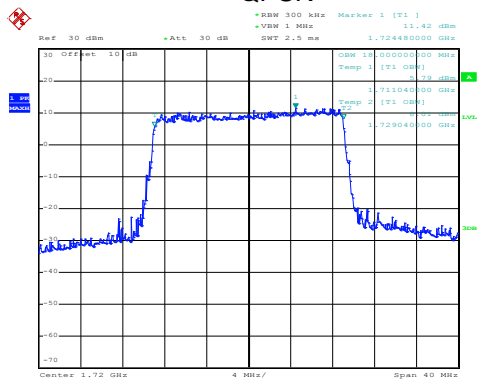
LTE Band 4: 99% Occupancy bandwidth BW: 20MHz

16QAM



Date: 26.APR.2020 10:42:51

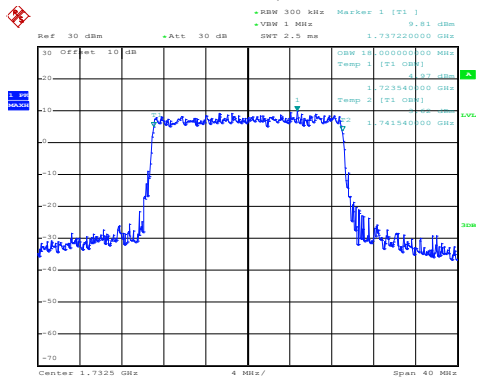
QPSK



Date: 26.APR.2020 10:42:47

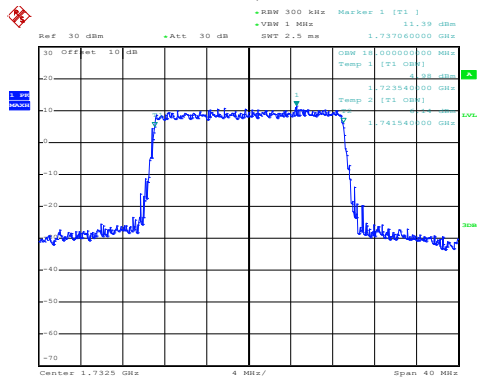
Lowest channel

16QAM



Date: 26.APR.2020 10:43:05

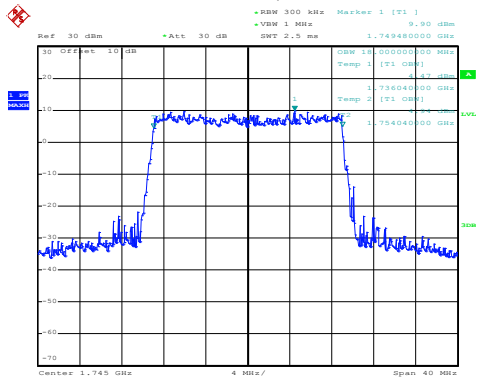
QPSK



Date: 26.APR.2020 10:43:00

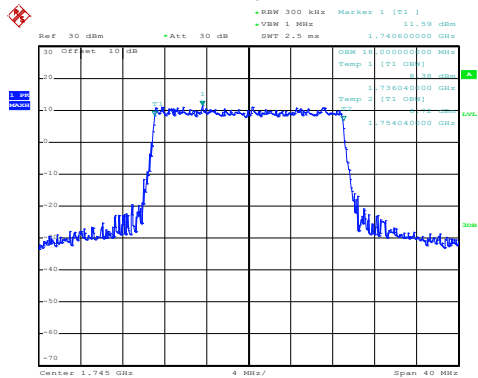
Middle channel

16QAM



Date: 26.APR.2020 10:43:45

QPSK

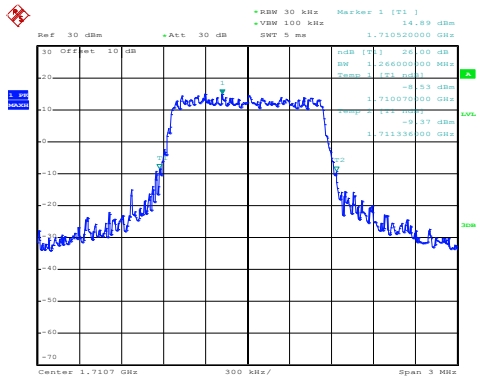


Date: 26.APR.2020 10:43:41

Highest channel

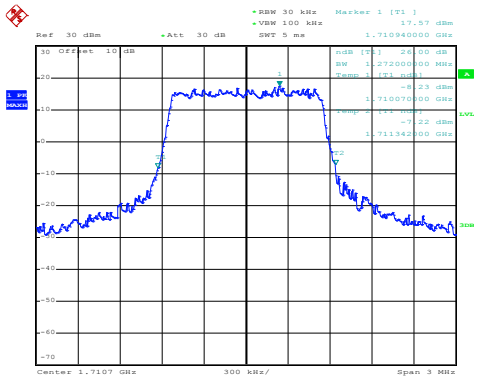
LTE Band 4: -26dBc bandwidth BW: 1.4MHz

16QAM



Date: 26.APR.2020 10:33:19

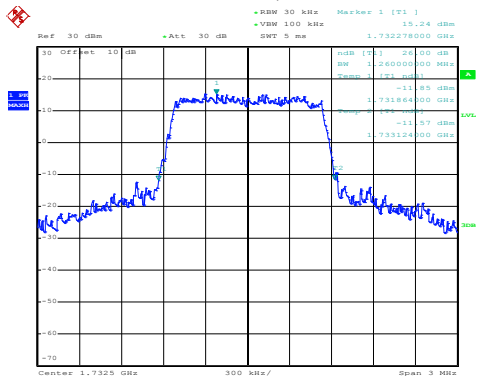
QPSK



Date: 26.APR.2020 10:33:15

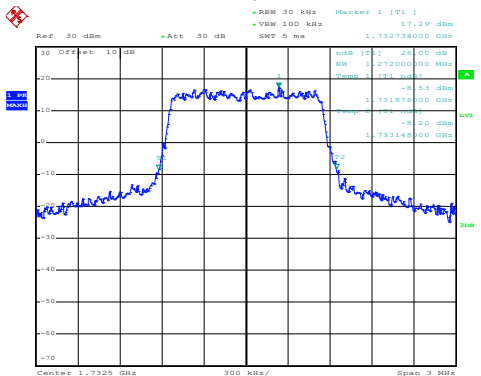
Lowest channel

16QAM



Date: 26.APR.2020 10:33:54

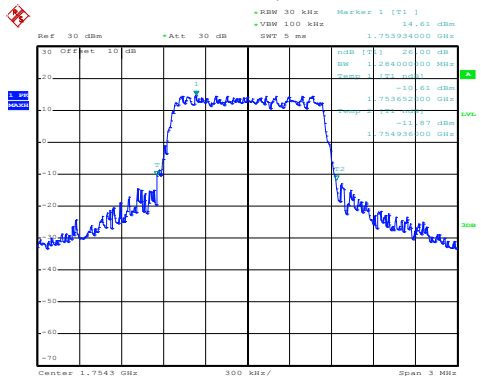
QPSK



Date: 26.APR.2020 10:33:51

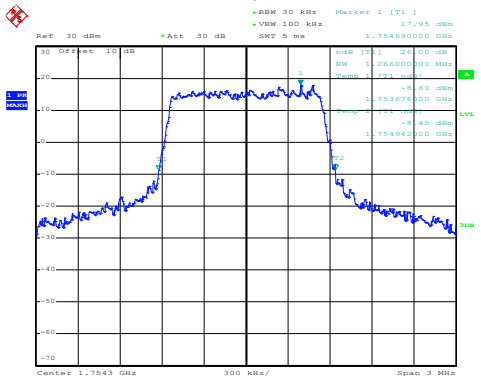
Middle channel

16QAM



Date: 26.APR.2020 10:34:12

QPSK

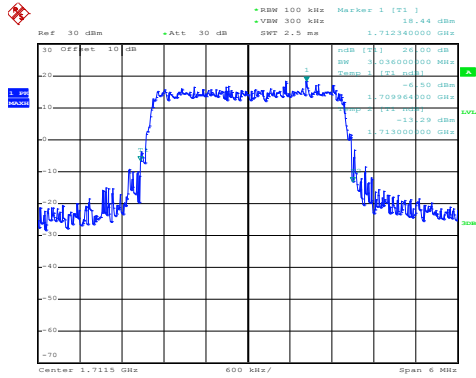


Date: 26.APR.2020 10:34:08

Highest channel

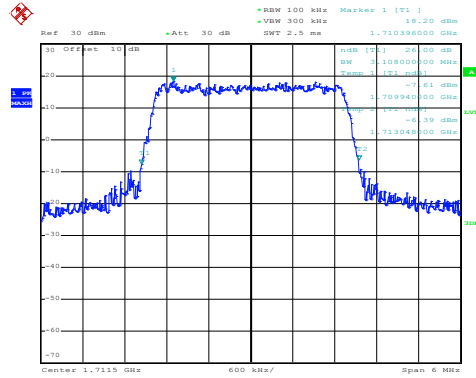
LTE Band 4: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 26.APR.2020 10:35:11

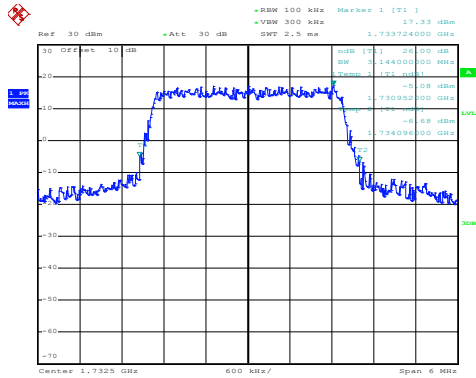
QPSK



Date: 26.APR.2020 10:35:07

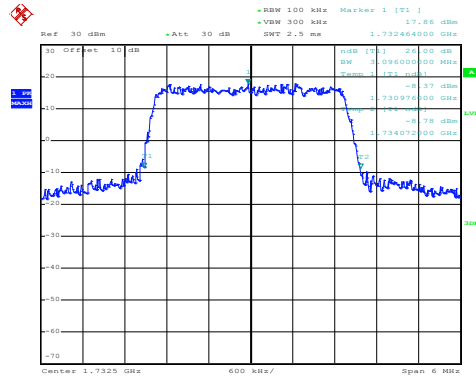
Lowest channel

16QAM



Date: 26.APR.2020 10:35:29

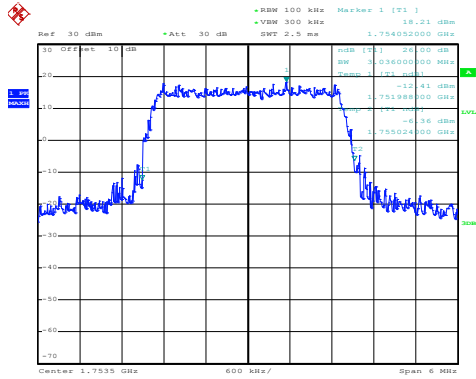
QPSK



Date: 26.APR.2020 10:35:25

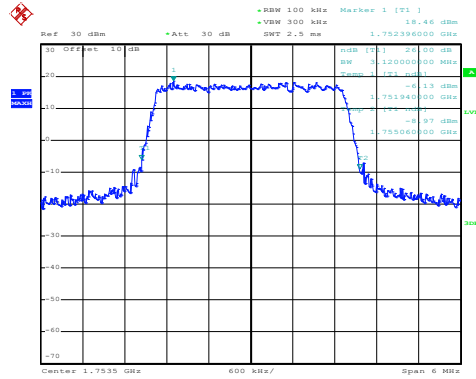
Middle channel

16QAM



Date: 26.APR.2020 10:36:14

QPSK

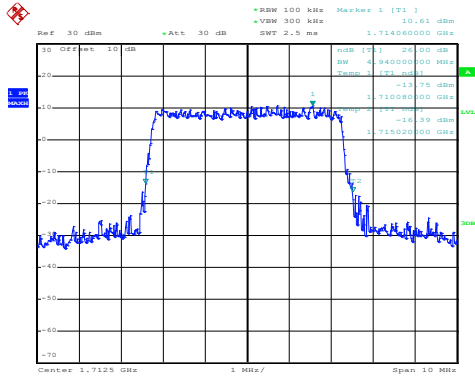


Date: 26.APR.2020 10:36:10

Highest channel

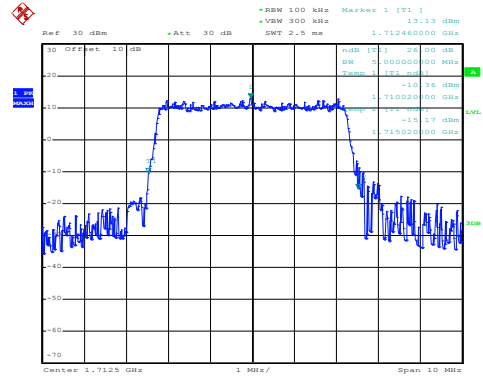
LTE Band 4: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:36:52

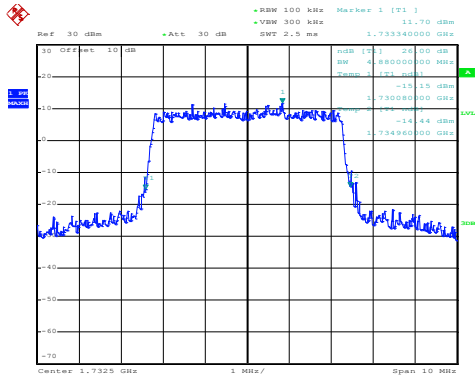
QPSK



Date: 26.APR.2020 10:36:48

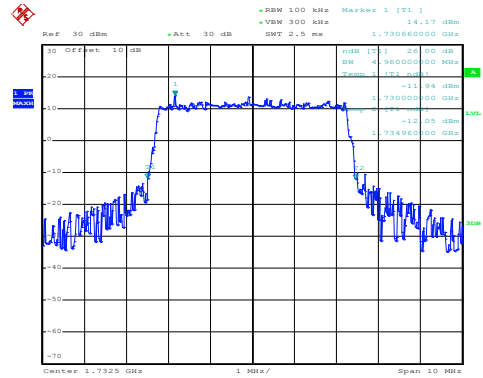
Lowest channel

16QAM



Date: 26.APR.2020 10:37:30

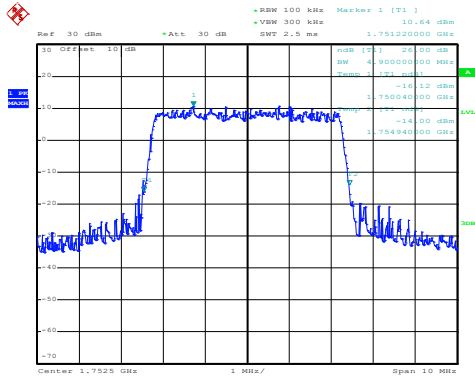
QPSK



Date: 26.APR.2020 10:37:26

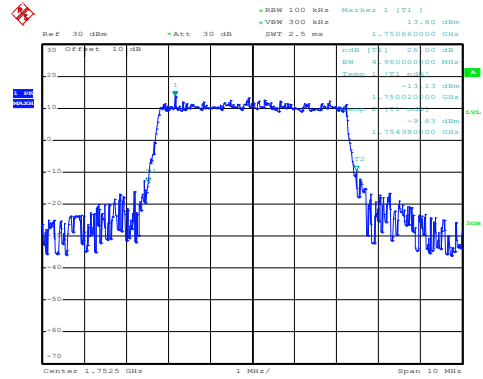
Middle channel

16QAM



Date: 26.APR.2020 10:37:49

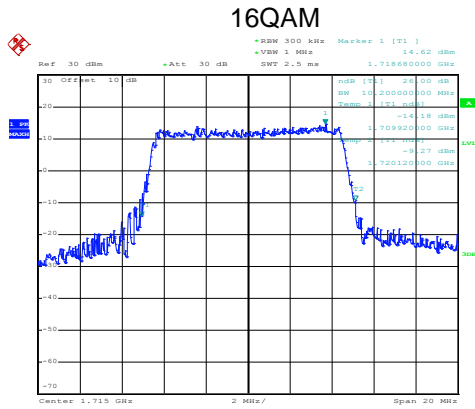
QPSK



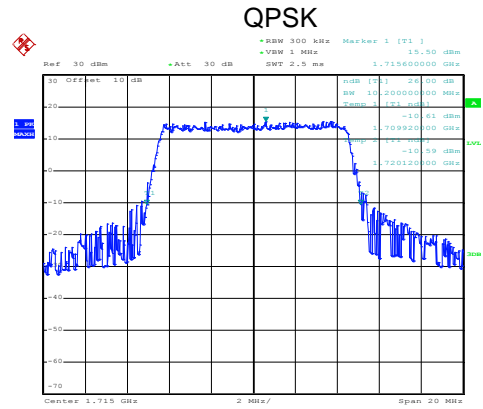
Date: 26.APR.2020 10:37:45

Highest channel

LTE Band 4: -26dBc bandwidth
BW: 10MHz

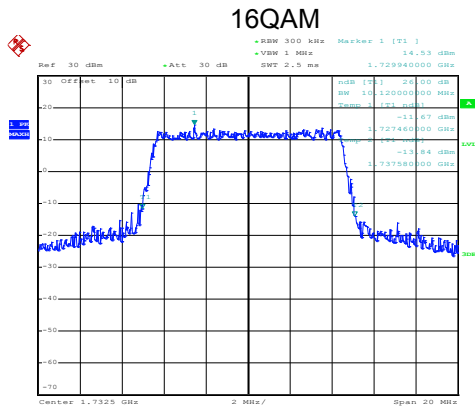


Date: 26.APR.2020 10:39:18

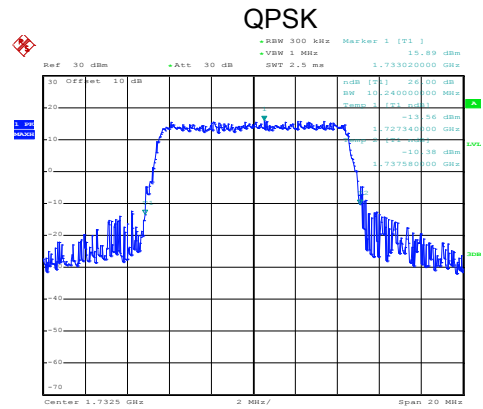


Date: 26.APR.2020 10:39:12

Lowest channel

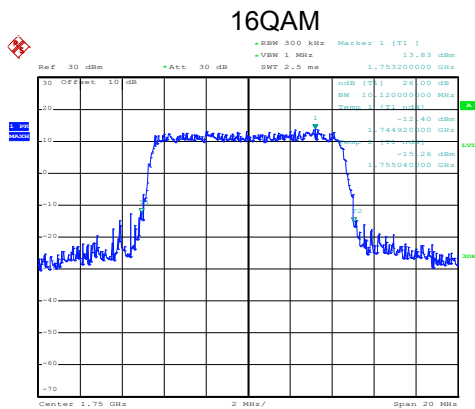


Date: 26.APR.2020 10:40:02

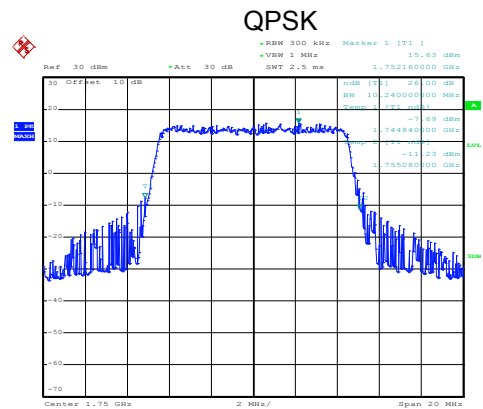


Date: 26.APR.2020 10:39:58

Middle channel



Date: 26.APR.2020 10:40:21

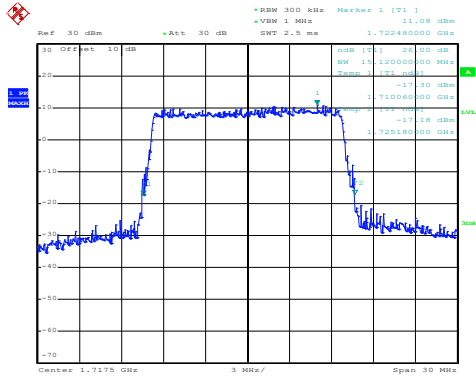


Date: 26.APR.2020 10:40:16

Highest channel

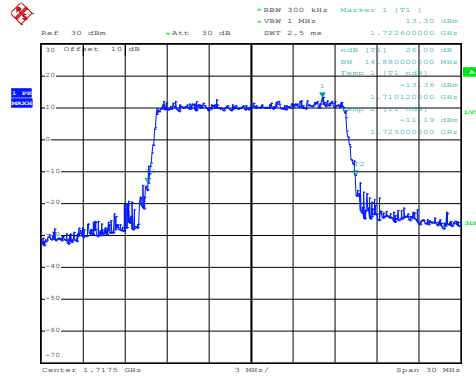
LTE Band 4: -26dBc bandwidth
BW: 15MHz

16QAM



Date: 26.APR.2020 10:41:11

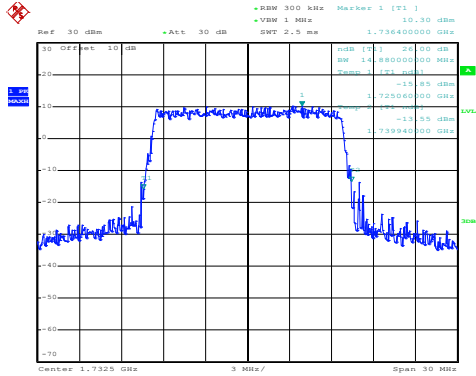
QPSK



Date: 26.APR.2020 10:41:07

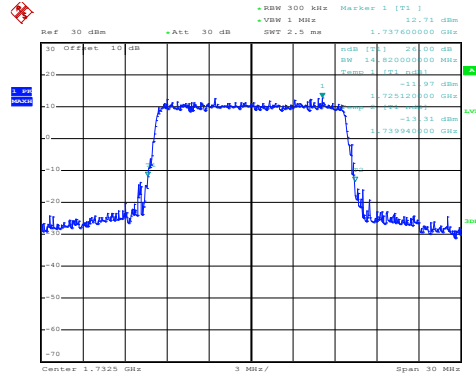
Lowest channel

16QAM



Date: 26.APR.2020 10:41:26

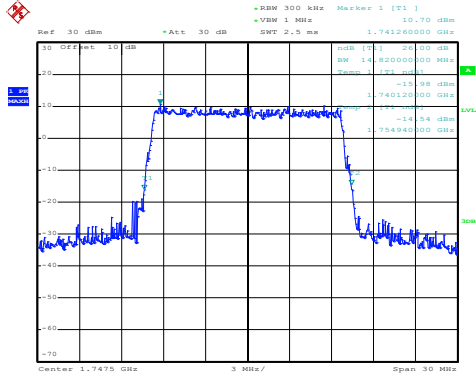
QPSK



Date: 26.APR.2020 10:41:21

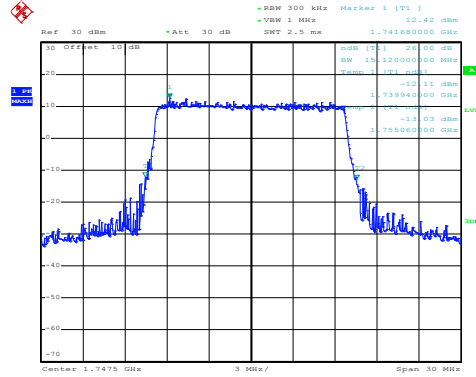
Middle channel

16QAM



Date: 26.APR.2020 10:42:10

QPSK

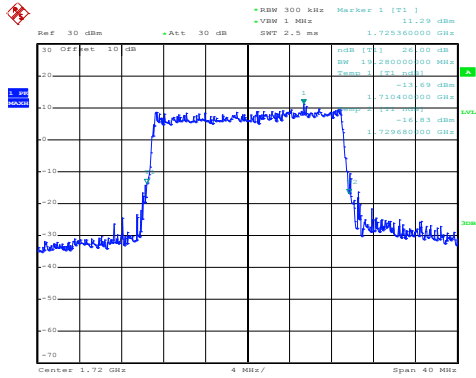


Date: 26.APR.2020 10:42:06

Highest channel

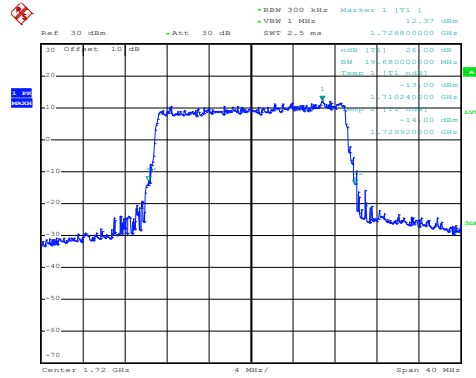
LTE Band 4: -26dBc bandwidth BW: 20MHz

16QAM



Date: 26.APR.2020 10:42:40

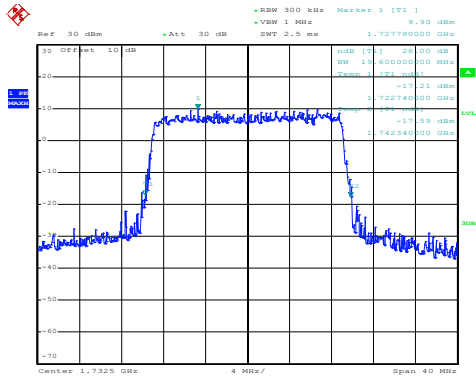
QPSK



Date: 26.APR.2020 10:42:35

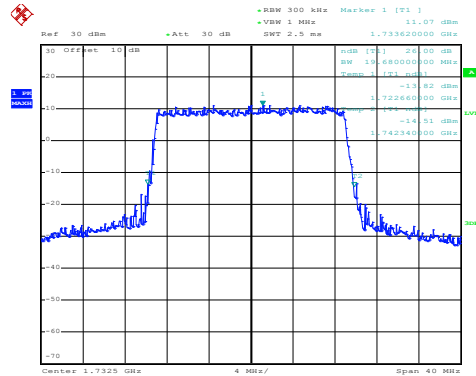
Lowest channel

16QAM



Date: 26.APR.2020 10:43:16

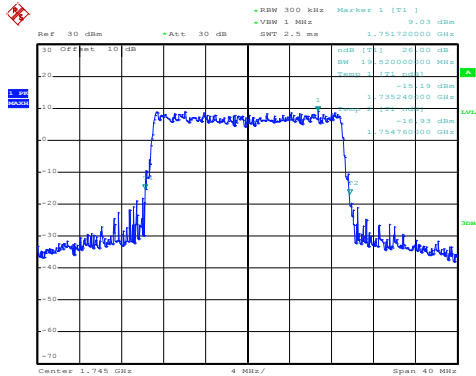
QPSK



Date: 26.APR.2020 10:43:12

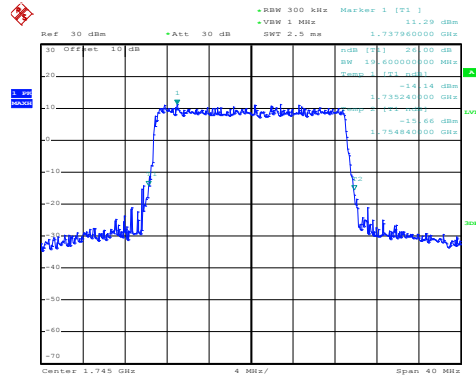
Middle channel

16QAM



Date: 26.APR.2020 10:43:30

QPSK

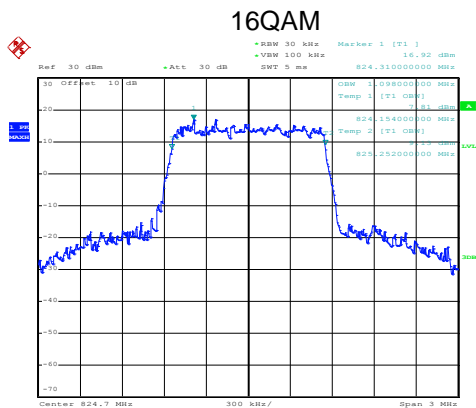


Date: 26.APR.2020 10:43:26

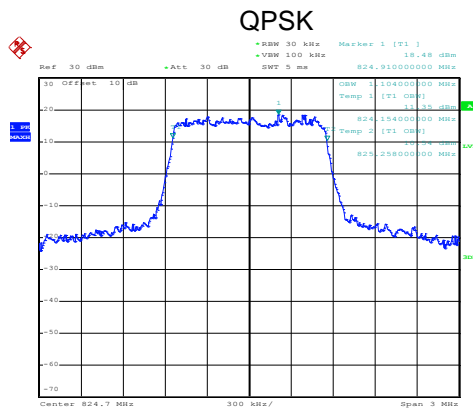
Highest channel

LTE Band 5 part:

LTE Band 5: 99% Occupancy bandwidth
BW: 1.4MHz

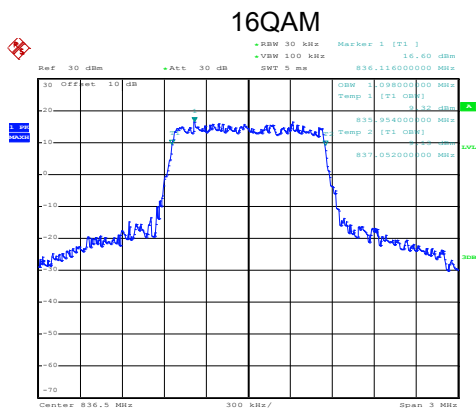


Date: 26.APR.2020 10:25:41

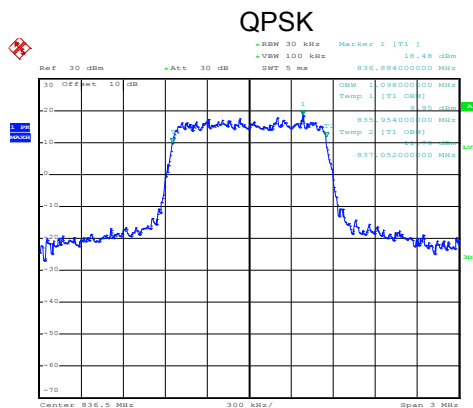


Date: 26.APR.2020 10:25:36

Lowest channel

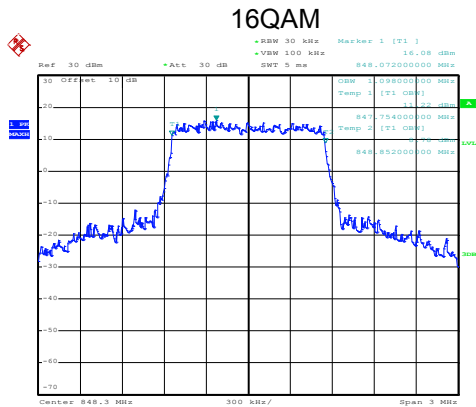


Date: 26.APR.2020 10:26:23

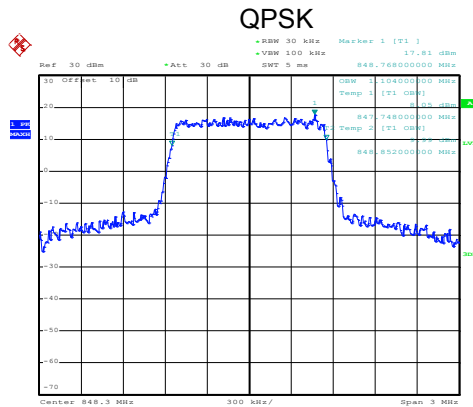


Date: 26.APR.2020 10:26:19

Middle channel



Date: 26.APR.2020 10:26:46

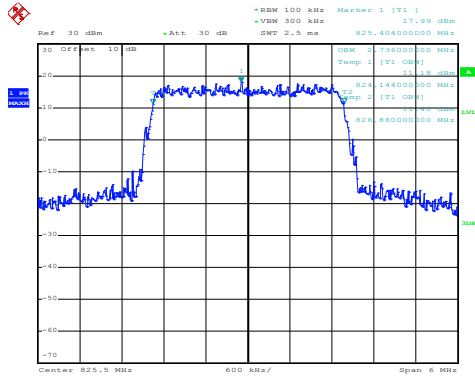


Date: 26.APR.2020 10:26:42

Highest channel

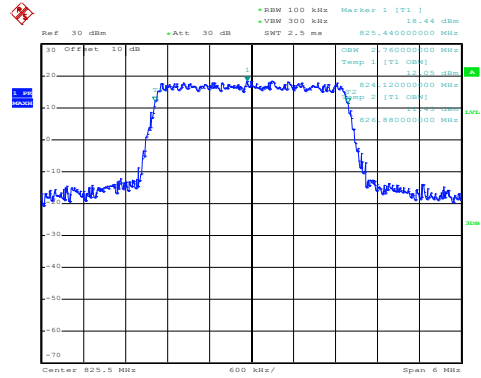
LTE Band 5: 99% Occupancy bandwidth
BW: 3MHz

16QAM



Date: 26.APR.2020 10:27:50

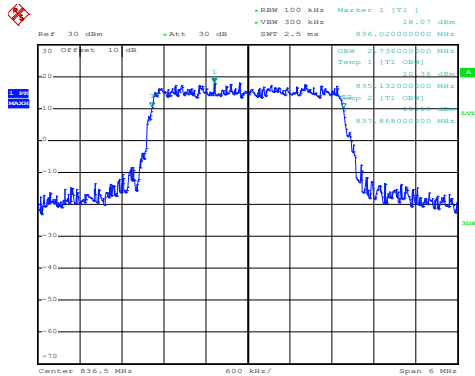
QPSK



Date: 26.APR.2020 10:27:46

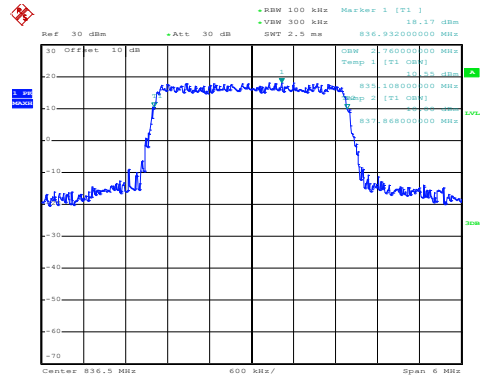
Lowest channel

16QAM



Date: 26.APR.2020 10:28:04

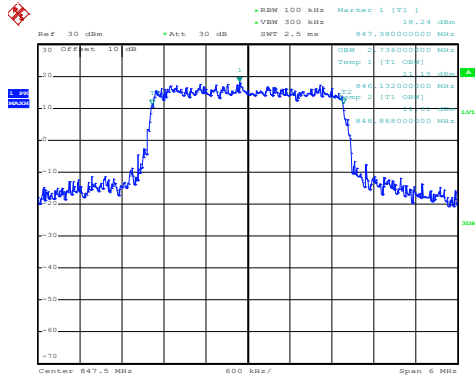
QPSK



Date: 26.APR.2020 10:28:00

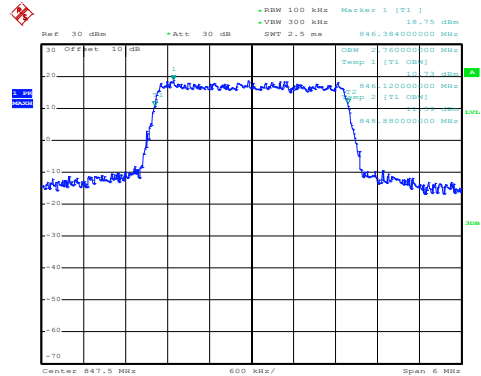
Middle channel

16QAM



Date: 26.APR.2020 10:28:41

QPSK

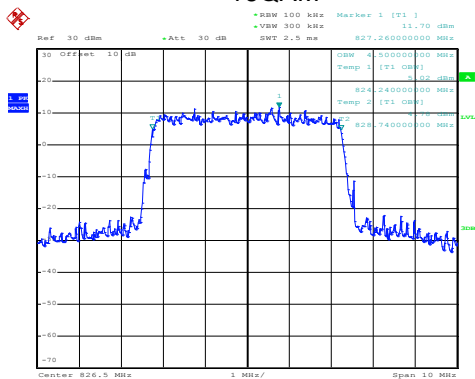


Date: 26.APR.2020 10:28:37

Highest channel

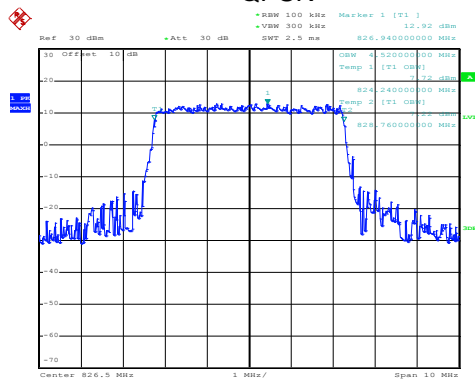
LTE Band 5: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:29:11

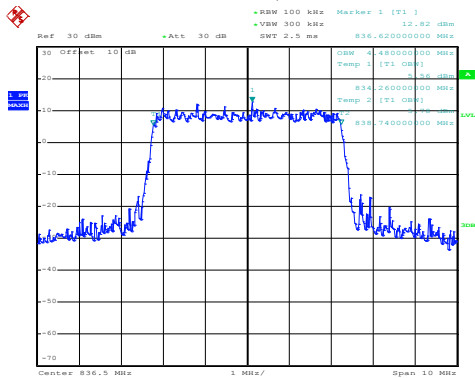
QPSK



Date: 26.APR.2020 10:29:07

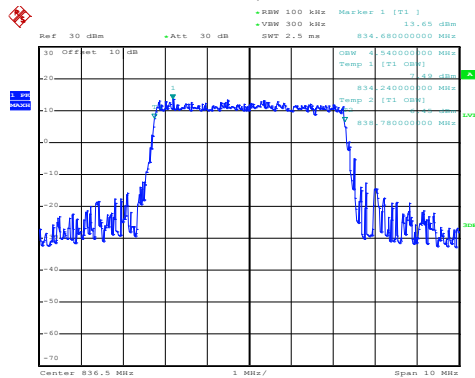
Lowest channel

16QAM



Date: 26.APR.2020 10:29:47

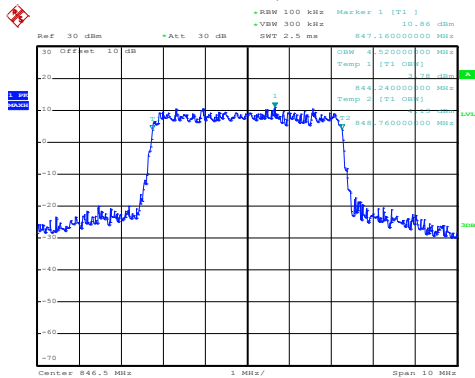
QPSK



Date: 26.APR.2020 10:29:43

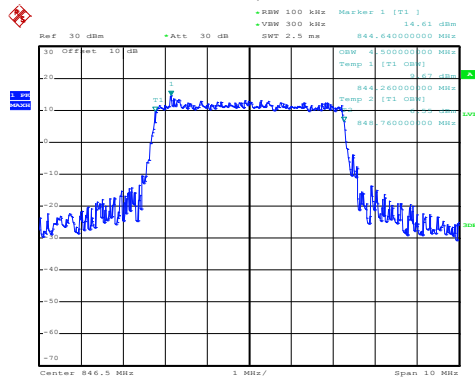
Middle channel

16QAM



Date: 26.APR.2020 10:30:04

QPSK

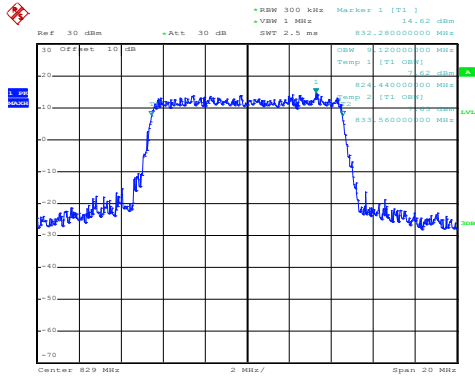


Date: 26.APR.2020 10:30:26

Highest channel

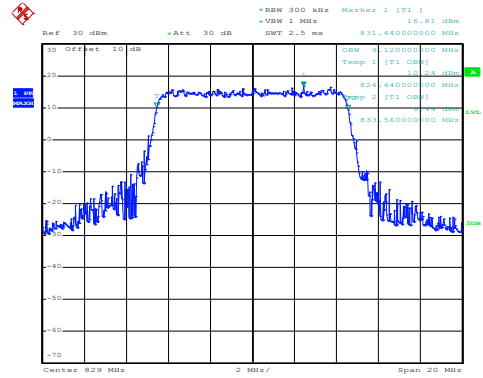
LTE Band 5: 99% Occupancy bandwidth BW: 10MHz

16QAM



Date: 26.APR.2020 10:31:01

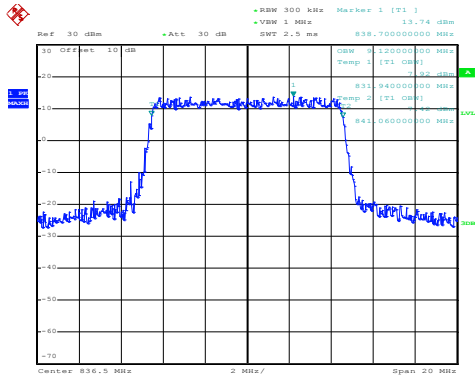
QPSK



Date: 26.APR.2020 10:30:57

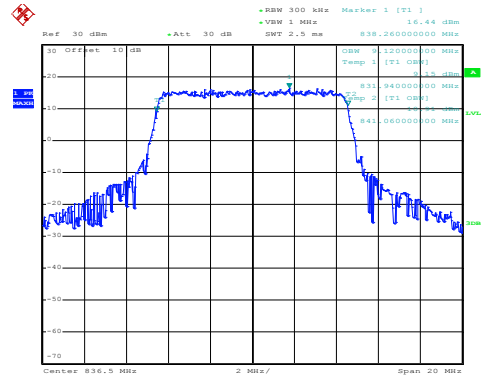
Lowest channel

16QAM



Date: 26.APR.2020 10:31:55

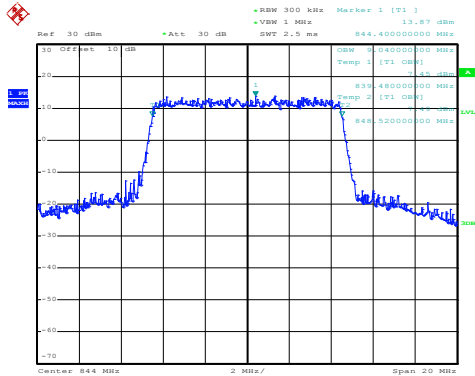
QPSK



Date: 26.APR.2020 10:31:51

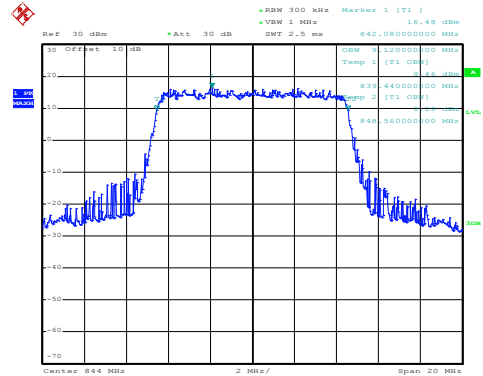
Middle channel

16QAM



Date: 26.APR.2020 10:32:14

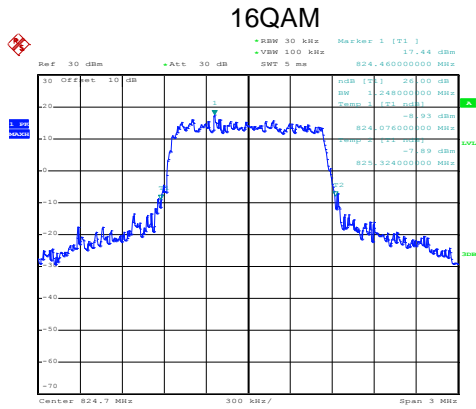
QPSK



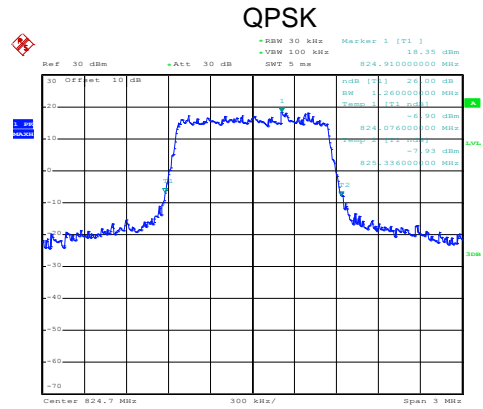
Date: 26.APR.2020 10:32:10

Highest channel

LTE Band 5: -26dBc bandwidth
BW: 1.4MHz

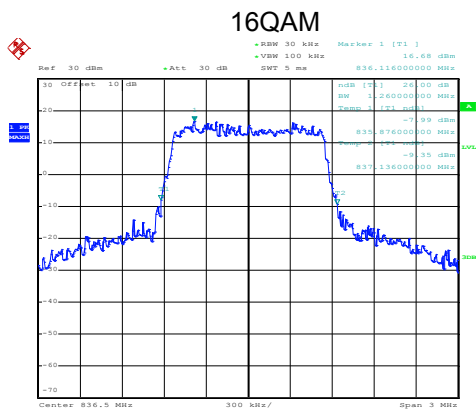


Date: 26.APR.2020 10:25:53

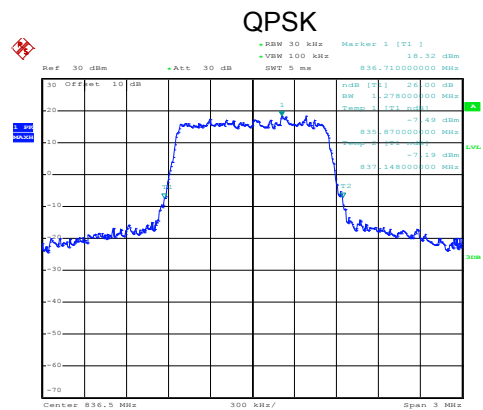


Date: 26.APR.2020 10:25:49

Lowest channel

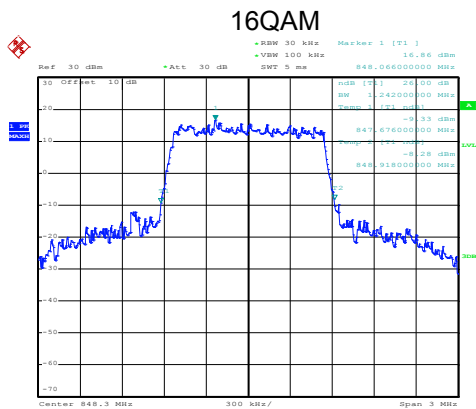


Date: 26.APR.2020 10:26:13

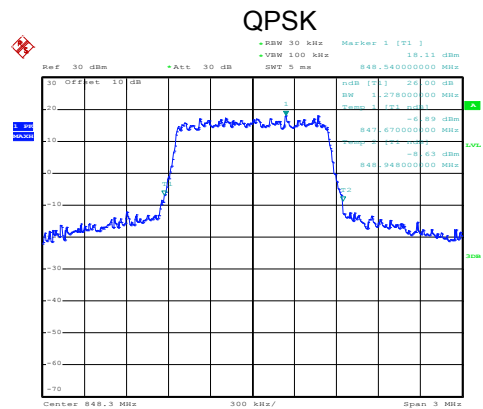


Date: 26.APR.2020 10:26:09

Middle channel



Date: 26.APR.2020 10:26:58

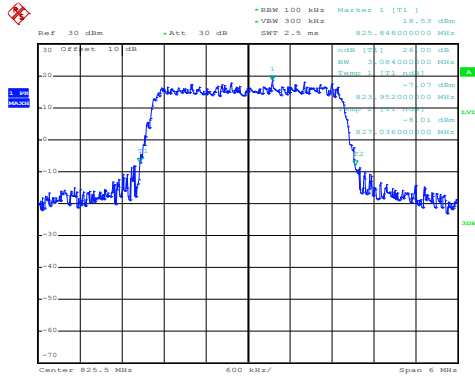


Date: 26.APR.2020 10:26:54

Highest channel

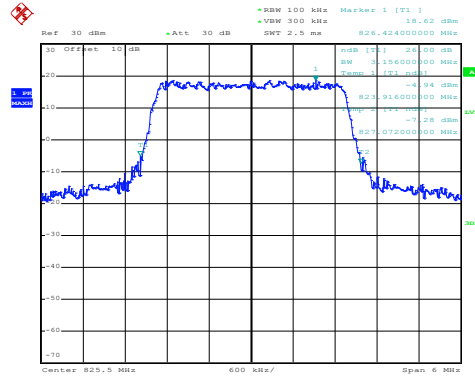
LTE Band 5: -26dBc bandwidth BW: 3MHz

16QAM



Date: 26.APR.2020 10:27:40

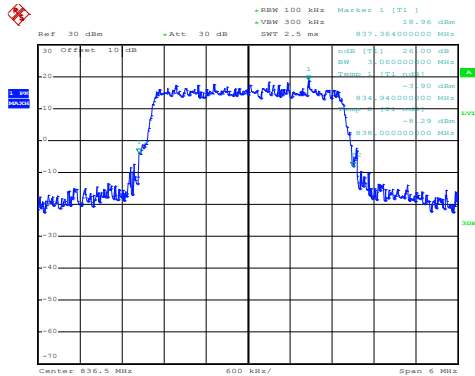
QPSK



Date: 26.APR.2020 10:27:36

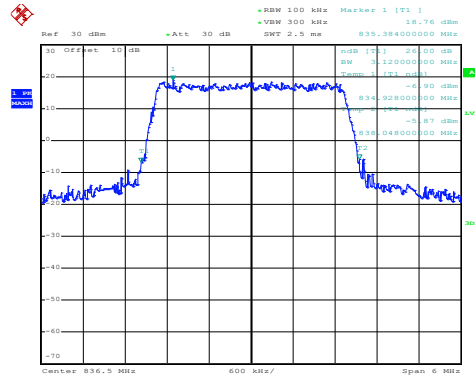
Lowest channel

16QAM



Date: 26.APR.2020 10:28:15

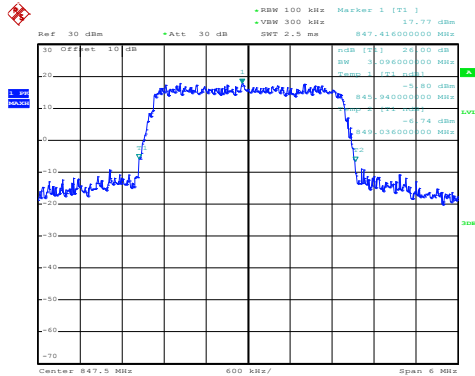
QPSK



Date: 26.APR.2020 10:28:11

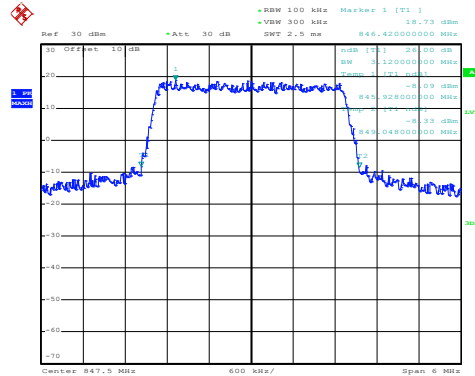
Middle channel

16QAM



Date: 26.APR.2020 10:28:30

QPSK

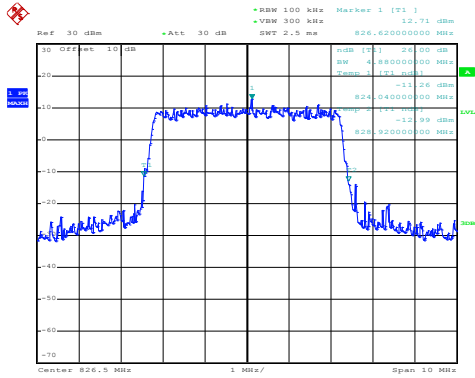


Date: 26.APR.2020 10:28:26

Highest channel

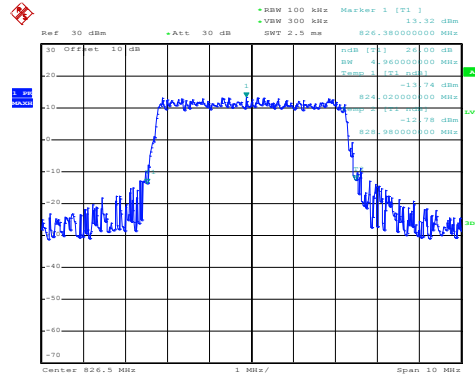
LTE Band 5: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 26.APR.2020 10:29:22

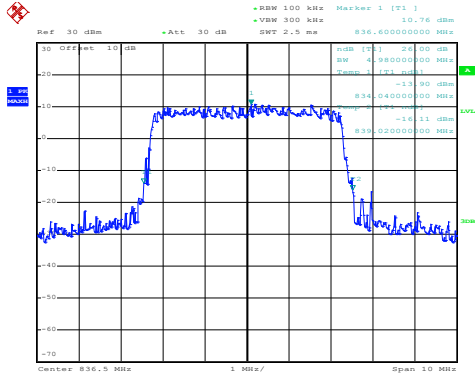
QPSK



Date: 26.APR.2020 10:29:19

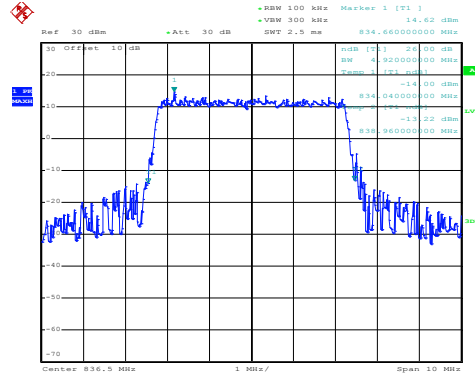
Lowest channel

16QAM



Date: 26.APR.2020 10:29:36

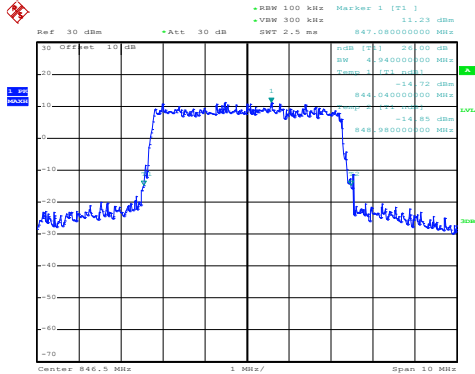
QPSK



Date: 26.APR.2020 10:29:33

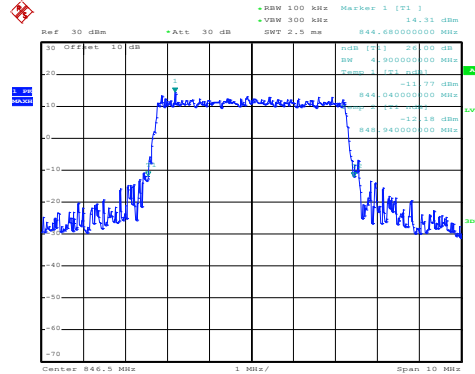
Middle channel

16QAM



Date: 26.APR.2020 10:30:15

QPSK

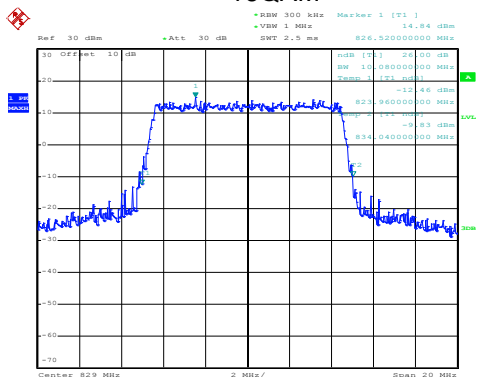


Date: 26.APR.2020 10:30:10

Highest channel

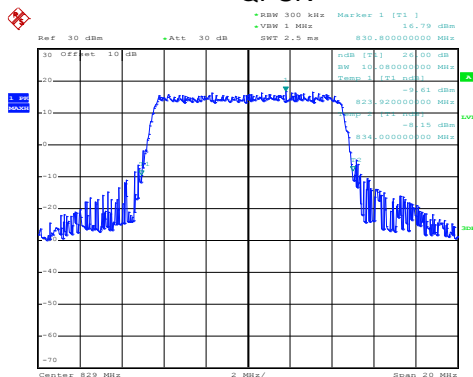
LTE Band 5: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 26.APR.2020 10:31:11

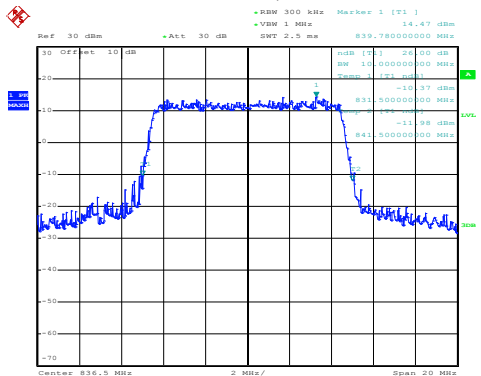
QPSK



Date: 26.APR.2020 10:31:07

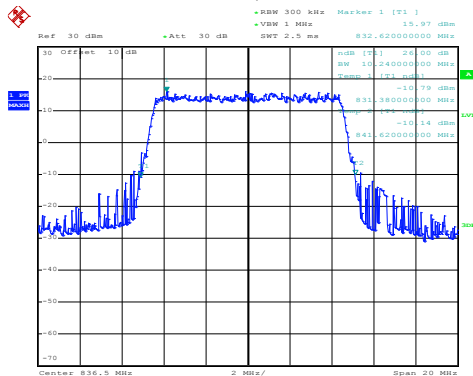
Lowest channel

16QAM



Date: 26.APR.2020 10:31:36

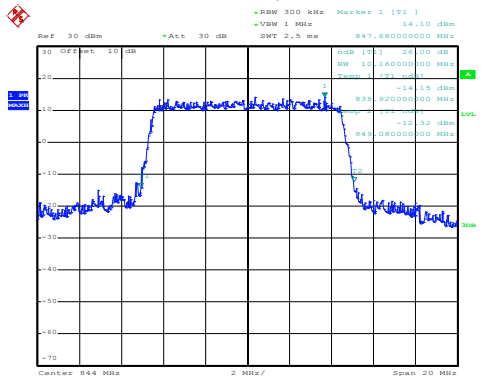
QPSK



Date: 26.APR.2020 10:31:32

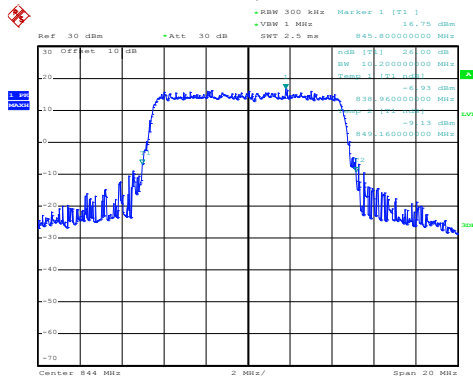
Middle channel

16QAM



Date: 26.APR.2020 10:32:25

QPSK

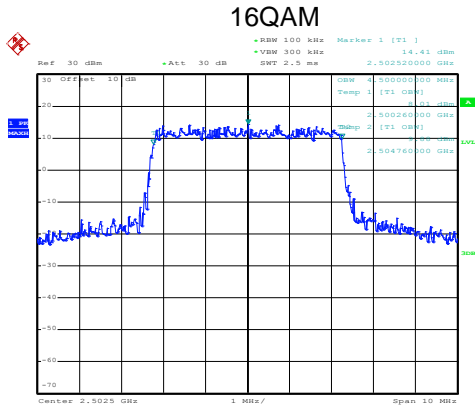


Date: 26.APR.2020 10:32:21

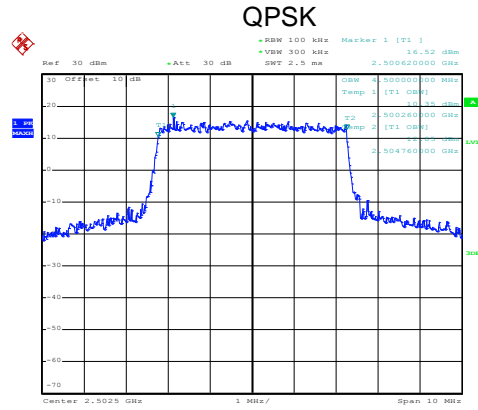
Highest channel

LTE-Band 7 part:

LTE Band 7: 99% Occupancy bandwidth BW: 5MHz

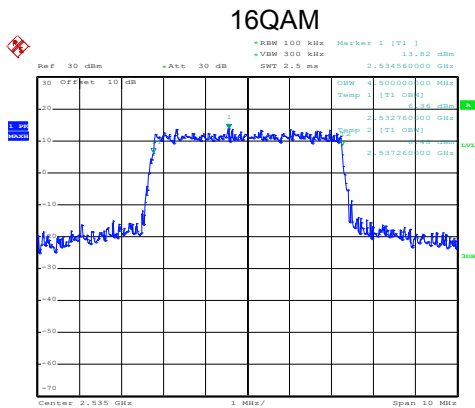


Date: 26.APR.2020 10:23:44

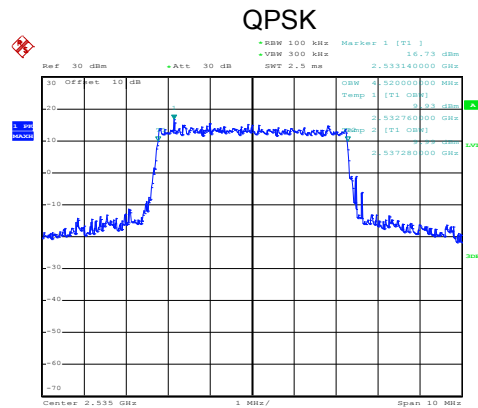


Date: 26.APR.2020 10:23:40

Lowest channel

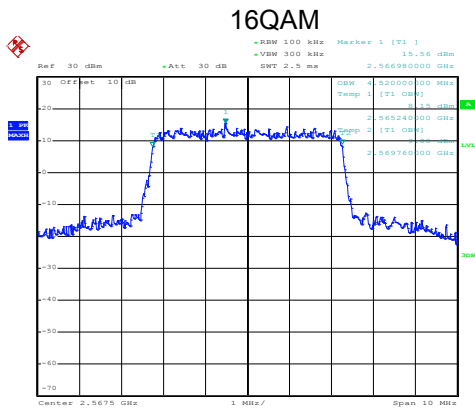


Date: 26.APR.2020 10:23:58

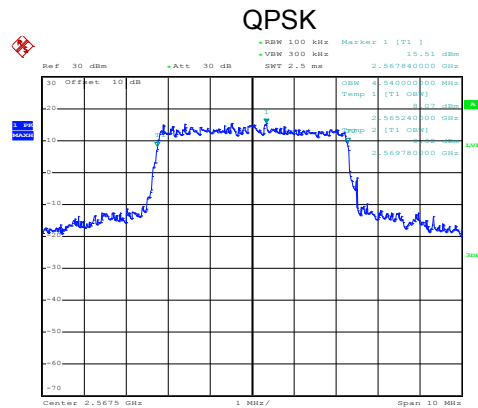


Date: 26.APR.2020 10:23:54

Middle channel



Date: 26.APR.2020 10:24:48

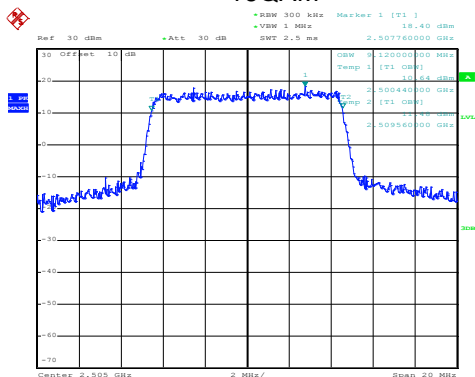


Date: 26.APR.2020 10:24:43

Highest channel

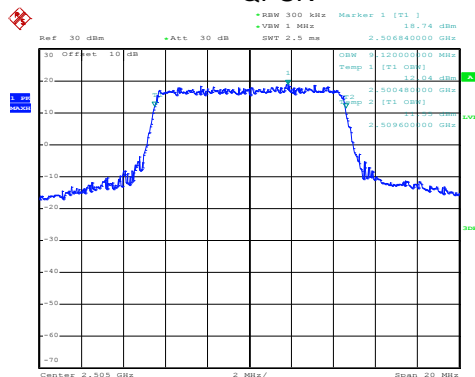
LTE Band 7: 99% Occupancy bandwidth BW: 10MHz

16QAM



Date: 26.APR.2020 10:21:19

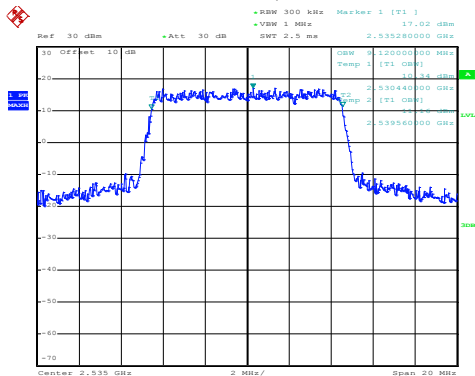
QPSK



Date: 26.APR.2020 10:21:14

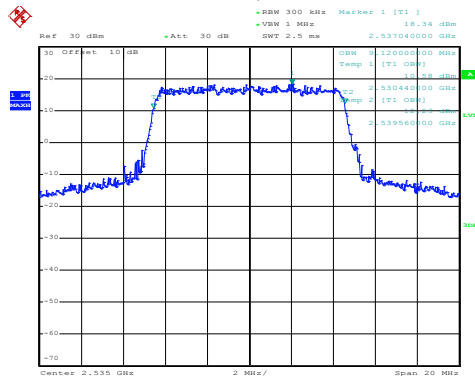
Lowest channel

16QAM



Date: 26.APR.2020 10:22:05

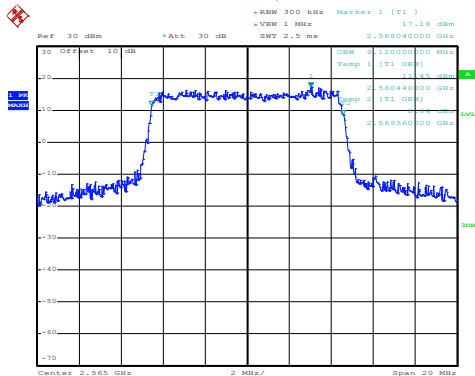
QPSK



Date: 26.APR.2020 10:22:00

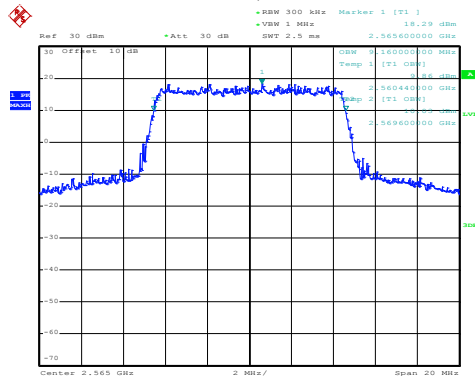
Middle channel

16QAM



Date: 26.APR.2020 10:22:27

QPSK

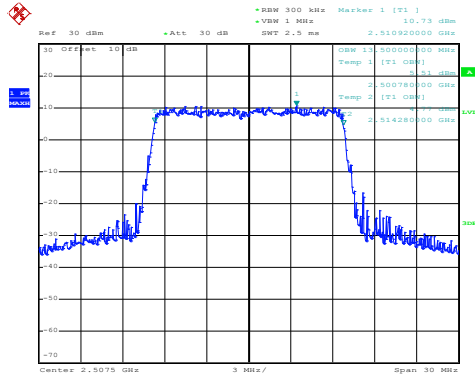


Date: 26.APR.2020 10:22:23

Highest channel

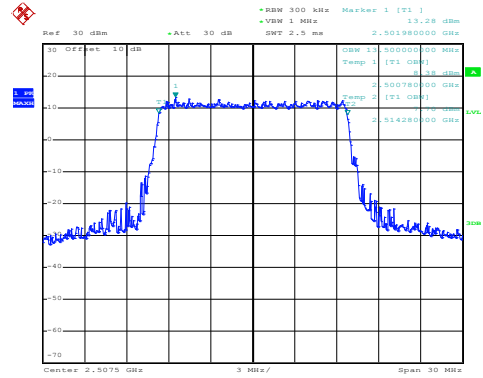
LTE Band 7: 99% Occupancy bandwidth BW: 15MHz

16QAM



Date: 26.APR.2020 10:19:03

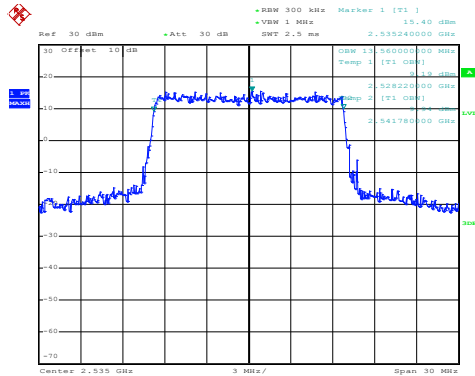
QPSK



Date: 26.APR.2020 10:18:58

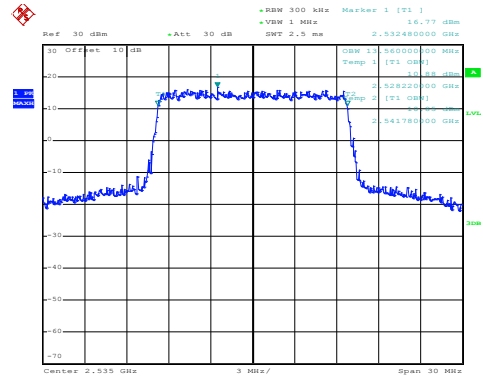
Lowest channel

16QAM



Date: 26.APR.2020 10:19:18

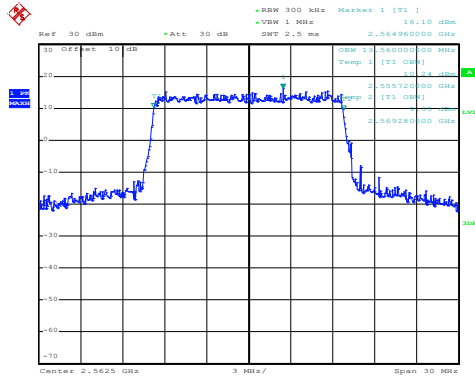
QPSK



Date: 26.APR.2020 10:19:14

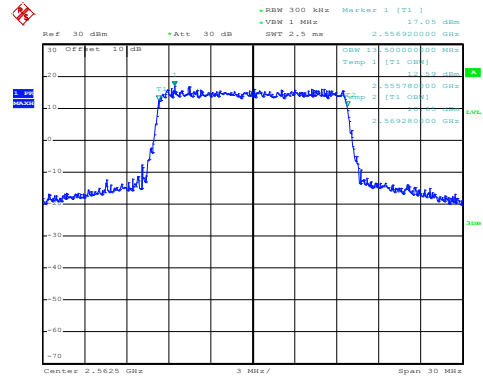
Middle channel

16QAM



Date: 26.APR.2020 10:20:04

QPSK

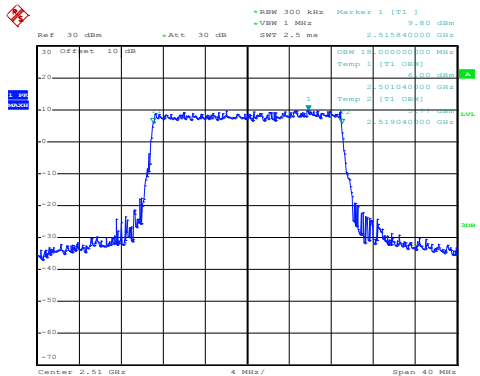


Date: 26.APR.2020 10:20:00

Highest channel

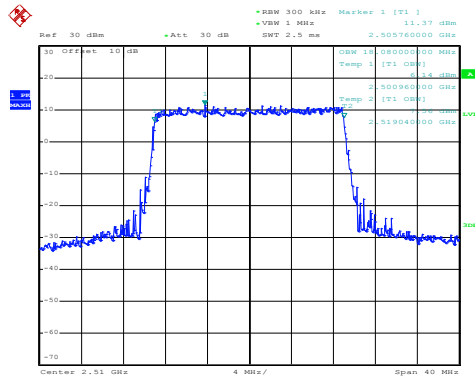
LTE Band 7: 99% Occupancy bandwidth BW: 20MHz

16QAM



Date: 26.APR.2020 10:17:47

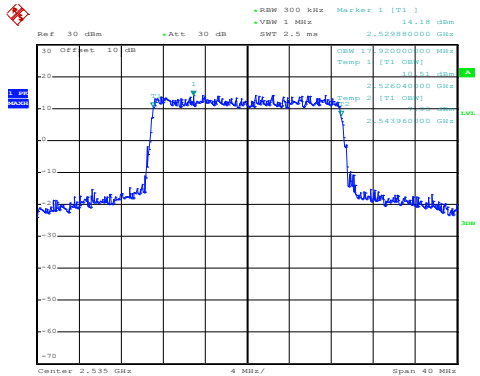
QPSK



Date: 26.APR.2020 10:17:38

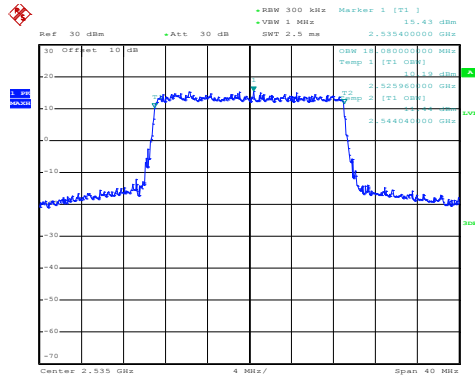
Lowest channel

16QAM



Date: 26.APR.2020 10:17:01

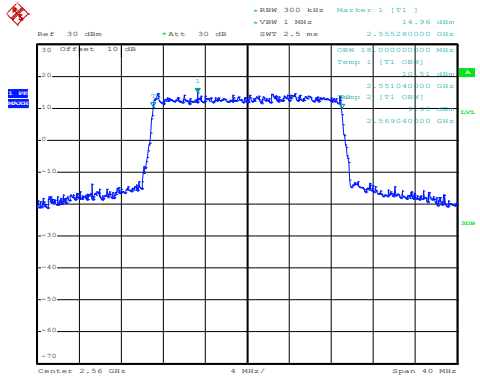
QPSK



Date: 26.APR.2020 10:16:56

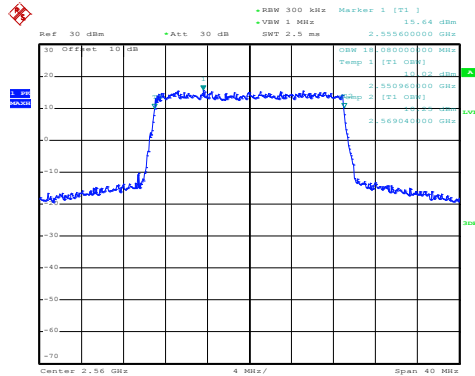
Middle channel

16QAM



Date: 26.APR.2020 10:16:08

QPSK

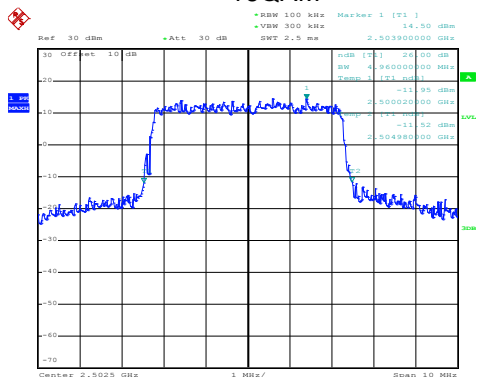


Date: 26.APR.2020 10:15:57

Highest channel

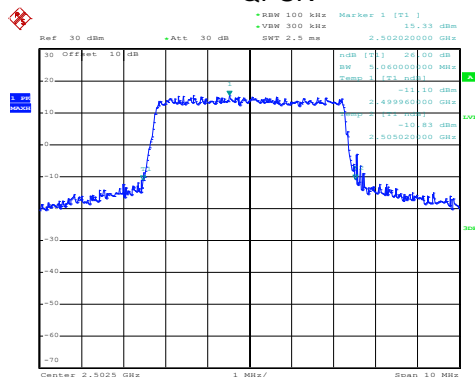
LTE Band 7: -26dBc bandwidth BW: 5MHz

16QAM



Date: 26.APR.2020 10:23:34

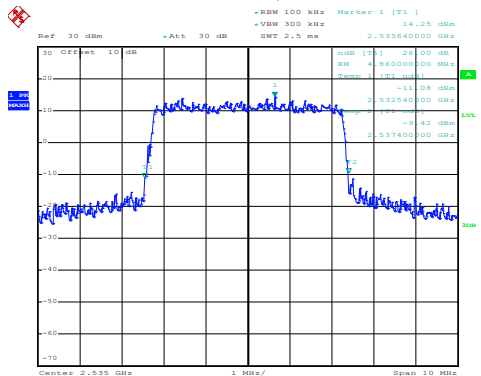
QPSK



Date: 26.APR.2020 10:23:30

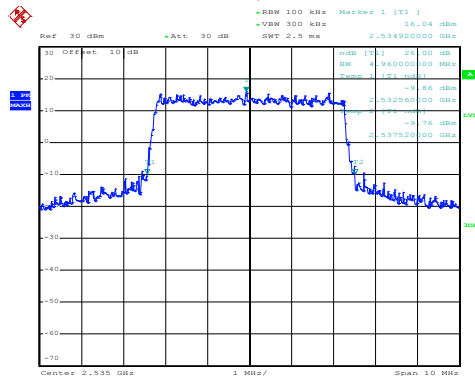
Lowest channel

16QAM



Date: 26.APR.2020 10:24:08

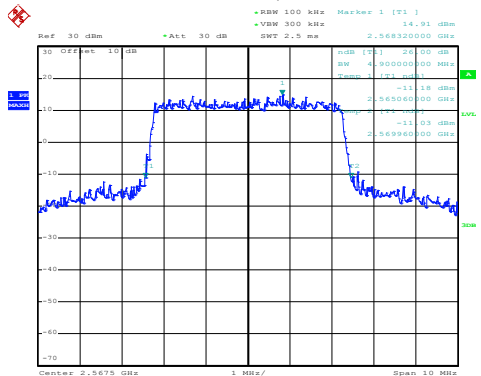
QPSK



Date: 26.APR.2020 10:24:04

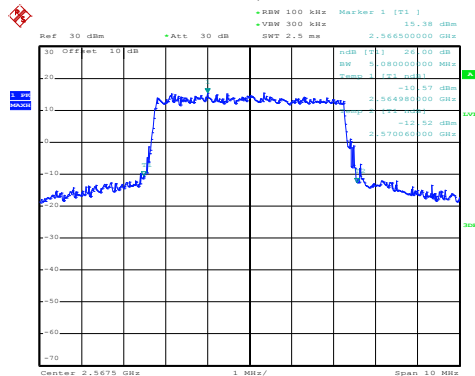
Middle channel

16QAM



Date: 26.APR.2020 10:24:37

QPSK

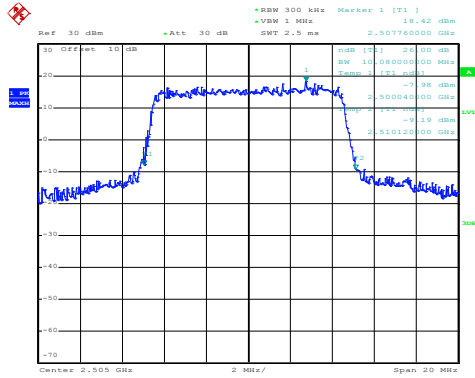


Date: 26.APR.2020 10:24:33

Highest channel

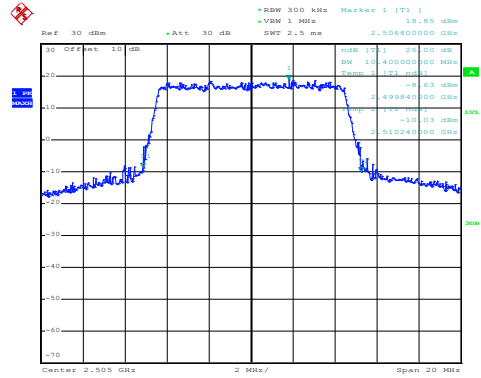
LTE Band 7: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 26.APR.2020 10:21:36

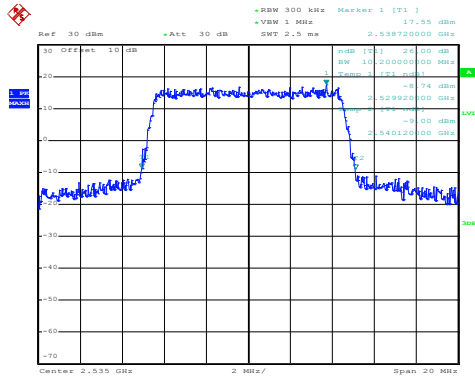
QPSK



Date: 26.APR.2020 10:21:31

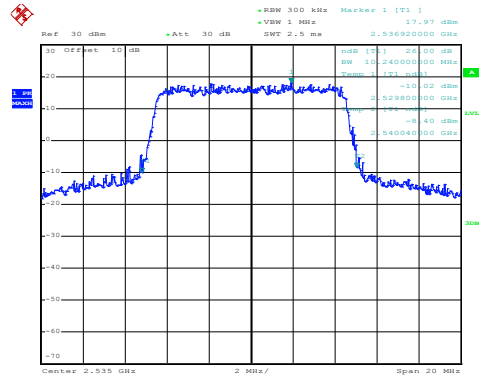
Lowest channel

16QAM



Date: 26.APR.2020 10:21:52

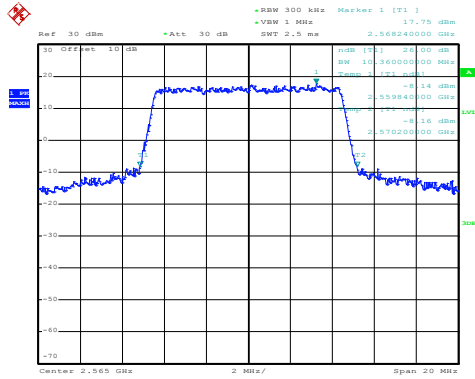
QPSK



Date: 26.APR.2020 10:21:48

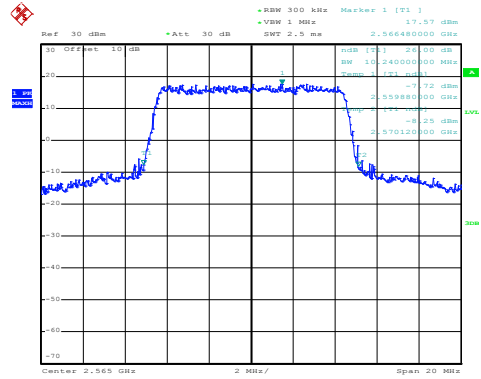
Middle channel

16QAM



Date: 26.APR.2020 10:22:42

QPSK



Date: 26.APR.2020 10:22:47

Highest channel