



FCC RADIO TEST REPORT

FCC ID : XIA-221

Equipment : 4G LTE Cat 1 Industrial IoT Router;
Vodafone MachineLink 4G Lite

Brand Name : NetComm;  NetComm ;  NetCommWireless

Casa; Casa Systems;  casa systems ; Vodafone 

Model Name : NTC-221, NWL-221

Applicant : NetComm Wireless Pty Ltd
Level 5, 18-20 Orion Road
Lane Cove, NSW 2066, Australia

Manufacturer : NetComm Wireless Pty Ltd
Level 5, 18-20 Orion Road
Lane Cove, NSW 2066, Australia

Standard : 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Jul. 31, 2020, and testing was started from Aug. 17, 2020 and completed on Sep. 07, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI/TIA-603-E-2016 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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Photographs of EUT v01



Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---------------|--|---|--------------------|--------|
| 3.1 | 2.1046 | Conducted Output Power | PASS | - |
| | 27.50(b)(10) 27.50(c)(10) | Effective Radiated Power | PASS | - |
| | 24.232(a) 27.50(d)(2) 27.50(d)(4) 27.50(h)(2) | Equivalent Isotropic Radiated Power | | |
| 3.2 | 24.232(d) 27.50(d)(5) | Peak-to-Average Ratio | PASS | - |
| 3.3 | 2.1049 | Occupied Bandwidth | PASS | - |
| 3.4 | 2.1051 24.238(a) 27.53(h) 27.53(m)(4) | Conducted Band Edge | PASS | - |
| 3.5 | 2.1051 24.238(a) 27.53(h) 27.53(m)(4) | Conducted Spurious Emission | PASS | - |
| 3.6 | 2.1053 24.238(a) 27.53(h) 27.53(m)(4) | Radiated Spurious Emission | PASS | - |
| 3.7 | 2.1055 24.235 27.54 | Frequency Stability for Temperature & Voltage | PASS | - |

Declaration of Conformity:

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

Comments and Explanations:

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

For WCDMA Band V and LTE Band 5, please refer to test report FG891369-06.

Reviewed by: **Sam Tsai**

Report Producer: **Jenny Yang**



1 General Description

1.1 Information

1.1.1 RF General Information

| Items | Description | | | | |
|--------------------------|-------------------------------------|-----------------|--------------------|--------------------|-----------------|
| | Band | Bandwidth (MHz) | TX Frequency (MHz) | RX Frequency (MHz) | |
| Operating Frequency | <input checked="" type="checkbox"/> | GSM 850 | 0.2 | 824.2 – 849.2 | 869.2 – 894.2 |
| | <input checked="" type="checkbox"/> | PCS 1900 | 0.2 | 1850.2 - 1909.8 | 1930.2 - 1989.8 |
| | <input checked="" type="checkbox"/> | WCDMA Band V | 5 | 826.4 - 846.6 | 871.4 - 891.6 |
| | <input checked="" type="checkbox"/> | WCDMA Band II | 5 | 1852.4 - 1907.6 | 1932.4 - 1987.6 |
| | <input type="checkbox"/> | WCDMA Band IV | 5 | 1712.4 - 1752.6 | 2112.4 - 2152.6 |
| | <input checked="" type="checkbox"/> | LTE Band 5 | 1.4 | 824.7 - 848.3 | 869.7 - 893.3 |
| | | | 3 | 825.5 - 847.5 | 870.5 - 892.5 |
| | | | 5 | 826.5 - 846.5 | 871.5 - 891.5 |
| | | | 10 | 829.0 - 844.0 | 874.0 - 889.0 |
| | <input checked="" type="checkbox"/> | LTE Band 2 | 1.4 | 1850.7 - 1909.3 | 1930.7 - 1989.3 |
| | | | 3 | 1851.5 - 1908.5 | 1931.5 - 1988.5 |
| | | | 5 | 1852.5 - 1907.5 | 1932.5 - 1987.5 |
| | | | 10 | 1855.0 - 1905.0 | 1935.0 - 1985.0 |
| | | | 15 | 1857.5 - 1902.5 | 1937.5 - 1982.5 |
| | | | 20 | 1860.0 - 1900.0 | 1940.0 - 1980.0 |
| | <input checked="" type="checkbox"/> | LTE Band 4 | 1.4 | 1710.7 - 1754.3 | 2110.7 - 2154.3 |
| | | | 3 | 1711.5 - 1753.5 | 2111.5 - 2153.5 |
| | | | 5 | 1712.5 - 1752.5 | 2112.5 - 2152.5 |
| | | | 10 | 1715.0 - 1750.0 | 2115.0 - 2150.0 |
| | | | 15 | 1717.5 - 1747.5 | 2117.5 - 2147.5 |
| | | | 20 | 1720.0 - 1745.0 | 2120.0 - 2145.0 |
| | <input checked="" type="checkbox"/> | LTE Band 7 | 5 | 2502.5 – 2567.5 | 2622.5 – 2687.5 |
| | | | 10 | 2505 – 2565 | 2625 – 2685 |
| | | | 15 | 2507.5 – 2562.5 | 2627.5 – 2682.5 |
| | | | 20 | 2510 - 2560 | 2630 - 2680 |
| | <input type="checkbox"/> | LTE Band 12 | 1.4 | 699.7 - 715.3 | 729.7 - 745.3 |
| | | | 3 | 700.5 - 714.5 | 730.5 - 744.5 |
| | | | 5 | 701.5 - 713.5 | 731.5 - 743.5 |
| | | | 10 | 704.0 - 711.0 | 734.0 - 741.0 |
| | <input type="checkbox"/> | LTE Band 13 | 5 | 779.5 - 784.5 | 748.5 - 753.5 |
| | | | 10 | 782.0 | 751.0 |
| | <input type="checkbox"/> | LTE Band 14 | 5 | 790.5 - 795.5 | 760.5 - 765.5 |
| 10 | | | 793 | 763 | |
| <input type="checkbox"/> | LTE Band 17 | 5 | 706.5 - 713.5 | 736.5 - 743.5 | |
| | | 10 | 709 - 711 | 739 - 741 | |
| <input type="checkbox"/> | LTE Band 25 | 1.4 | 1850.7 - 1914.3 | 1930.7 - 1994.3 | |
| | | 3 | 1851.5 - 1913.5 | 1931.5 - 1993.5 | |
| | | 5 | 1852.5 - 1912.5 | 1932.5 - 1992.5 | |
| | | 10 | 1855 - 1910 | 1935 - 1990 | |
| | | 15 | 1857.5 - 1907.5 | 1937.5 - 1987.5 | |
| | | 20 | 1860 - 1905 | 1940 - 1985 | |



| | | | | | |
|--------------------|---|-------------|-----|-----------------|-----------------|
| | <input type="checkbox"/> | LTE Band 26 | 1.4 | 814.7 - 848.3 | 859.7 - 893.3 |
| | | | 3 | 815.5 - 847.5 | 860.5 - 892.5 |
| | | | 5 | 816.5 - 846.5 | 861.5 - 891.5 |
| | | | 10 | 819 - 844 | 864 - 889 |
| | | | 15 | 821.5 - 841.5 | 866.5 - 886.5 |
| | <input type="checkbox"/> | LTE Band 66 | 1.4 | 1710.7 - 1779.3 | 2110.7 - 2179.3 |
| | | | 3 | 1711.5 - 1778.5 | 2111.5 - 2178.5 |
| | | | 5 | 1712.5 - 1777.5 | 2112.5 - 2177.5 |
| | | | 10 | 1715 - 1775 | 2115 - 2175 |
| | | | 15 | 1717.5 - 1772.5 | 2117.5 - 2172.5 |
| | | | 20 | 1720 - 1770 | 2120 - 2170 |
| Type of Modulation | GPRS: GMSK EDGE: 8PSK WCDMA: BPSK / QPSK / 16QAM HSDPA: BPSK / QPSK / 16 QAM HSUPA: BPSK / QPSK / 16 QAM LTE: QPSK / 16QAM | | | | |

Note: The above information was declared by manufacturer.

1.1.2 Antenna Information

| Ant. | Port | Brand | Model Name | Antenna Type | Connector |
|------|------|-------|------------|--------------|-----------|
| 1 | 1 | - | NANT-00001 | Dipole | SMA |
| 2 | 1 | - | NANT-00006 | Dipole | SMA |

| Ant. | Port | Gain (dBi) | | | |
|------|------|------------|----------------------------------|------------|------------|
| | | GSM 850 | PCS 1900 / WCDMA II / LTE Band 2 | LTE Band 4 | LTE Band 7 |
| 1 | 1 | 3.13 | 3.42 | 3.28 | 3.8 |
| 2 | 1 | 0.61 | 2.72 | 2.09 | 3.17 |

Note 1: The EUT has two types as marketing (for more detail please references section 1.1.4)

Because Ant. 1 and Ant. 2 are the same type antennas, only the higher gain antennas "Ant. 1" was tested and recorded in the report.

For WWAN function:

Ant. 1 (port 1) or Ant. 2 (port 1) could transmit/receive.



1.1.3 EUT Information

| Operational Condition | | | | |
|-------------------------------------|---|--------------|-------------------------------------|----------------|
| EUT Power Type | From AC Adapter | | | |
| EUT Function | <input type="checkbox"/> | Base Station | <input checked="" type="checkbox"/> | Mobile Station |
| | <input checked="" type="checkbox"/> | Indoor | <input type="checkbox"/> | Outdoor |
| Type of EUT | | | | |
| <input checked="" type="checkbox"/> | Stand-alone | | | |
| <input type="checkbox"/> | Combined (EUT where the radio part is fully integrated within another device) | | | |
| | Combined Equipment - Brand Name / Model No.: | | ... | |
| <input type="checkbox"/> | Plug-in radio (EUT intended for a variety of host systems) | | | |
| | Host System - Brand Name / Model No.: | | ... | |
| <input type="checkbox"/> | Other: | | | |

1.1.4 Table for Multiple Listing

| Equipment | Model Name | Description |
|------------------------------------|------------|---|
| 4G LTE Cat 1 Industrial IoT Router | NTC-221 | The difference of models is in sales marketing. |
| Vodafone MachineLink 4G Lite | NWL-221 | |

Note: The information from manufacturer.



1.2 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E), 27
- ANSI/TIA-603-E-2016
- KDB 971168 D01 v03r01

1.3 Testing Location

| Testing Location | | |
|--|----------|--|
| <input checked="" type="checkbox"/> | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973 |
| Test site Designation No. TW1190 with FCC. | | |
| <input type="checkbox"/> | JHUBEI | ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.) TEL : 886-3-656-9065 FAX : 886-3-656-9085 |
| Test site Designation No. TW0006 with FCC. | | |
| <input type="checkbox"/> | Wen Shan | ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL : 886-3-318-0787 FAX : 886-3-318-0287 |
| Test site Designation No. TW1097 with FCC. | | |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date |
|-------------------|---------------|---------------|-----------------------|-------------------------|
| RF Conducted | TH06-HY | Raven Chien | 22.8~24.1°C / 50~59% | 17/Aug/2020~07/Sep/2020 |
| Radiated Emission | 03CH02-HY | Daniel Lin | 20.6~25.9°C / 53~ 63% | 27/Aug/2020~05/Sep/2020 |

1.4 Measurement Uncertainty

| Test Items | Uncertainty | Remark |
|--------------------------------------|-------------|--------------------------|
| Radiated Emission (9kHz ~ 30MHz) | 2.4 dB | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.7 dB | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz) | 3.6 dB | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz) | 3.5 dB | Confidence levels of 95% |
| Conducted Emission | 1.0 dB | Confidence levels of 95% |
| Temperature | 0.41 °C | Confidence levels of 95% |
| Humidity | 3.4 % | Confidence levels of 95% |




2 Test Configuration of Equipment Under Test

2.1 Test Condition

| RF Conducted | Abbreviation | Remark |
|--------------|--------------|--------|
| TnomVnom | Tnom | 20°C |
| TminVmin | Vnom | 120V |
| TminVmax | Vmin | 102V |
| TmaxVmin | Vmax | 138V |
| TmaxVmax | Tmin | -40°C |
| | Tmax | 70°C |

2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests | |
|---|--|
| Tests Item | Conducted Output Power, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band Edge, Conducted Spurious Emission, Frequency Stability |
| Test Condition | Conducted measurement at transmit chains |
| 1 | EUT with GSM 850 Link |
| 2 | EUT with PCS 1900 Link |
| 3 | EUT with WCDMA Band 2 Link |
| 4 | EUT with LTE Band 2 Link |
| 5 | EUT with LTE Band 4 Link |
| 6 | EUT with LTE Band 7 Link |

| The Worst Case Mode for Following Conformance Tests | | | |
|---|---|---|---|
| Tests Item | Radiated Spurious Emission | | |
| Test Condition | Radiated measurement | | |
| 1 | Adapter mode | | |
| Orthogonal Planes of EUT | X Plane | Y Plane | Z Plane |
| |  |  |  |
| Worst Planes of EUT | | | V |



2.3 Accessories

| Accessories | | | | |
|---------------------------|--------------|---|------------|----------------|
| AC Adapter | Brand Name | NA | Model Name | S018BAM1200150 |
| | Power Rating | I/P: 100 - 240 Vac, 0.5 A, O/P: 12 Vdc, 1.5 A | | |
| | Power Cord | 1.5 meter, non-shielded cable, w/o ferrite core | | |
| RJ45 Cable | Brand Name | NA | Model Name | NA |
| | Power Cord | 1.5 meter, non-shielded cable | | |
| DIN rail mounting bracket | Brand Name | NA | Model Name | NA |

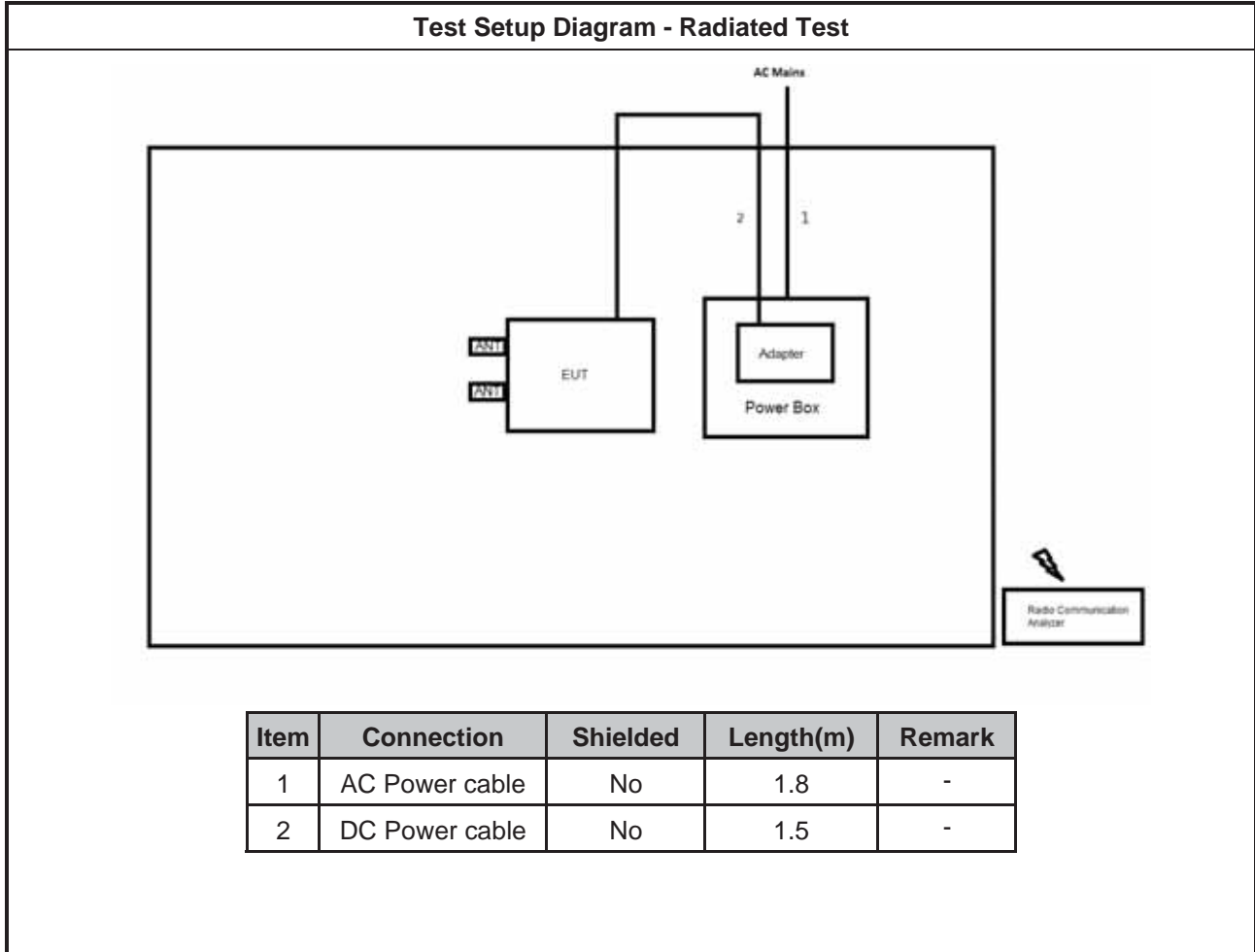
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

| Support Equipment – Conducted | | | | | |
|-------------------------------|------------------------------|------------|------------|--------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID | Remark |
| 1 | SIM card | SPORTON | SPORTON | - | - |
| 2 | Radio Communication Analyzer | Anritsu | MT8820C | - | - |

| Support Equipment – Radiated | | | | | |
|------------------------------|---------------------------------------|------------|------------|--------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID | Remark |
| 1 | SIM card | SPORTON | SPORTON | - | - |
| 2 | Radio Communication Analyzer (remote) | Anritsu | MT8820C | - | - |

2.5 Test Setup Diagram





3 Test Result

3.1 Conducted Output Power and ERP/EIRP Measurement

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

| Conducted Output Power Limit | |
|---|--|
| N/A | |
| Effective Radiated Power (ERP) Limit | |
| <input checked="" type="checkbox"/> GSM 850 | Base Station: 500 Watts or 400Watts (PSD) Mobile Station: 7 Watts |
| <input checked="" type="checkbox"/> WCDMA Band V | |
| <input checked="" type="checkbox"/> LTE Band 5 | |
| <input type="checkbox"/> LTE Band 26 | Base Station: 1000 Watts Mobile Station: 30 Watts hand-held devices: 3 Watts |
| <input type="checkbox"/> LTE Band 12 | |
| <input type="checkbox"/> LTE Band 13 | |
| <input type="checkbox"/> LTE Band 14 | |
| <input type="checkbox"/> LTE Band 17 | |
| Equivalent Isotropic Radiated Power (EIRP) Limit | |
| <input checked="" type="checkbox"/> PCS 1900 | Base Station: 1640 Watts Mobile Station: 2 Watts |
| <input checked="" type="checkbox"/> WCDMA Band II | |
| <input checked="" type="checkbox"/> LTE Band 2 | |
| <input checked="" type="checkbox"/> LTE Band 7 | |
| <input type="checkbox"/> LTE Band 25 | Base Station: 1640 Watts Mobile Station: 1 Watts |
| <input type="checkbox"/> WCDMA Band IV | |
| <input checked="" type="checkbox"/> LTE Band 4 | |
| <input type="checkbox"/> LTE Band 66 | |
| <p>Note 1: A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.</p> <p>Note 2: According to ANSI/TIA-603-E-2016 Power Approach, $EIRP = P_T + G_T - L_c$, $ERP = EIRP - 2.15$, where P_T = transmitter output power in dBm G_T = gain of the transmitting antenna in dBi L_c = signal attenuation in the connecting cable between the transmitter and antenna in dB</p> | |

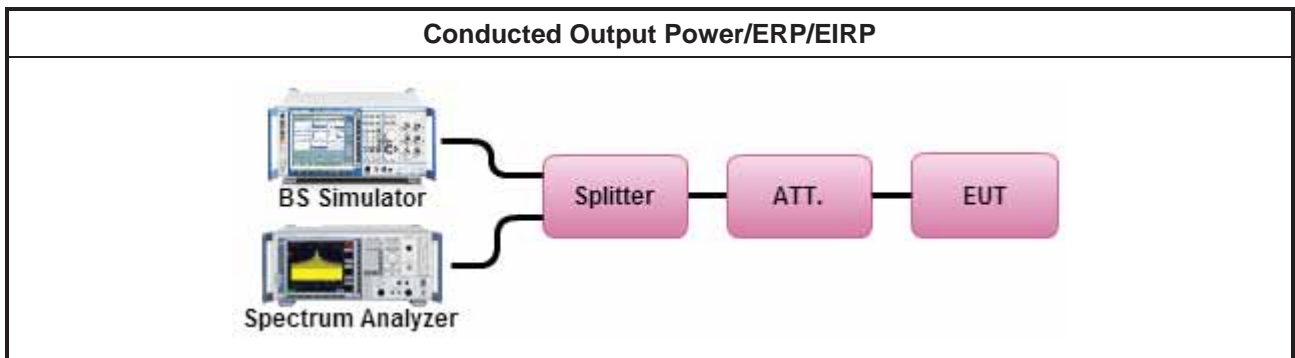
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Refer as Appendix A

3.1.6 Test Result of ERP/EIRP

Refer as Appendix A

3.2 Peak-to-Average Ratio Measurement

3.2.1 Description of the PAR Measurement

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

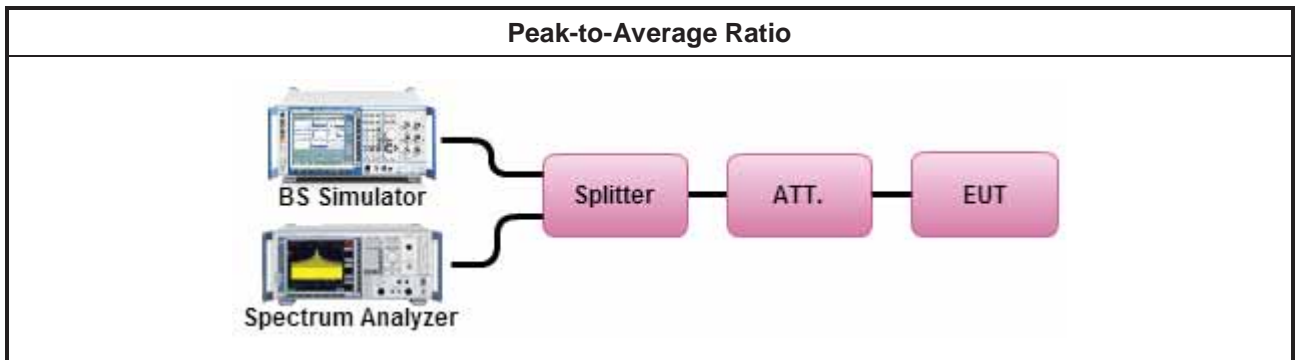
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Peak-to-Average Ratio

Refer as Appendix B



3.3 Occupied Bandwidth Measurement

3.3.1 Description of Occupied Bandwidth Measurement

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

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

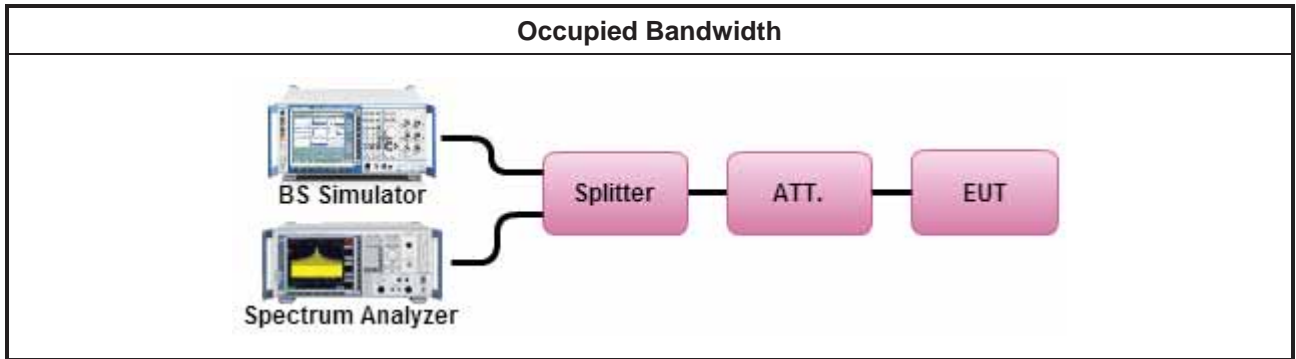
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Occupied Bandwidth

Refer as Appendix C



3.4 Conducted Band Edge Measurement

3.4.1 Description of Conducted Band Edge Measurement

| Conducted Band Edge | |
|--|--|
| <input checked="" type="checkbox"/> GSM 850 | 43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. |
| <input checked="" type="checkbox"/> WCDMA V | |
| <input checked="" type="checkbox"/> LTE Band 5 | |
| <input type="checkbox"/> LTE Band 26 | |
| <input checked="" type="checkbox"/> PCS 1900 | 43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. |
| <input checked="" type="checkbox"/> WCDMA II | |
| <input checked="" type="checkbox"/> LTE Band 2 | |
| <input type="checkbox"/> LTE Band 25 | |
| <input checked="" type="checkbox"/> LTE Band 4 | 43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. |
| <input type="checkbox"/> LTE Band 66 | |
| <input type="checkbox"/> LTE Band 12 | 43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed. |
| <input type="checkbox"/> LTE Band 17 | |
| <input type="checkbox"/> LTE Band 13 | 43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. |
| <input type="checkbox"/> LTE Band 14 | <p>(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.</p> <p>(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.</p> <p>(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.</p> <p>Compliance with the provisions of paragraph (3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.</p> |
| <input checked="" type="checkbox"/> LTE Band 7 | For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) Db on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB |

| | |
|--|---|
| | <p>at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.</p> |
|--|---|

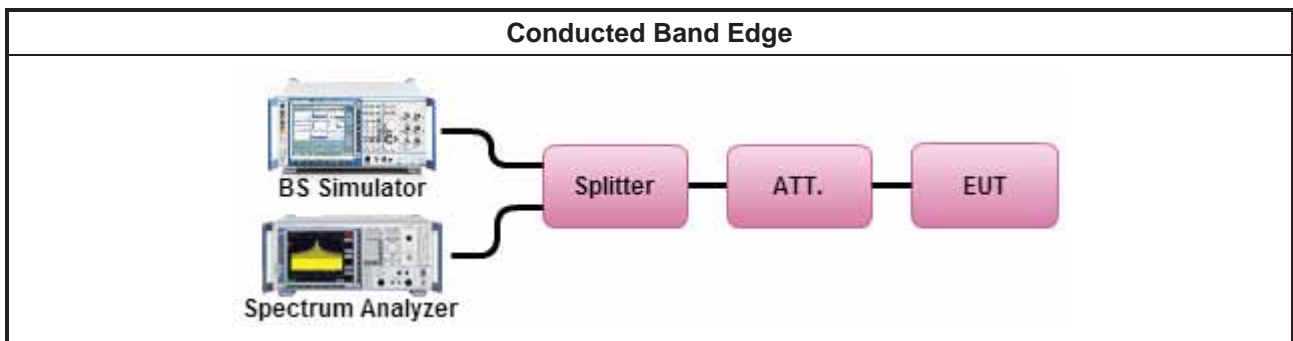
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edge

Refer as Appendix D



3.5 Conducted Spurious Emission Measurement

3.5.1 Description of Conducted Spurious Emission Measurement

| Conducted Band Edge | |
|---|---|
| <input checked="" type="checkbox"/> GSM 850 <input checked="" type="checkbox"/> PCS 1900 <input checked="" type="checkbox"/> WCDMA V <input checked="" type="checkbox"/> WCDMA II <input type="checkbox"/> WCDMA IV <input checked="" type="checkbox"/> LTE Band 5 <input checked="" type="checkbox"/> LTE Band 2 <input checked="" type="checkbox"/> LTE Band 4 <input type="checkbox"/> LTE Band 12 <input type="checkbox"/> LTE Band 13 <input type="checkbox"/> LTE Band 14 <input type="checkbox"/> LTE Band 17 <input type="checkbox"/> LTE Band 25 <input type="checkbox"/> LTE Band 28 <input type="checkbox"/> LTE Band 26 <input type="checkbox"/> LTE Band 66 | <p>The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.</p> |
| <input checked="" type="checkbox"/> LTE Band 7 | <p>The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.</p> <p>It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.</p> |

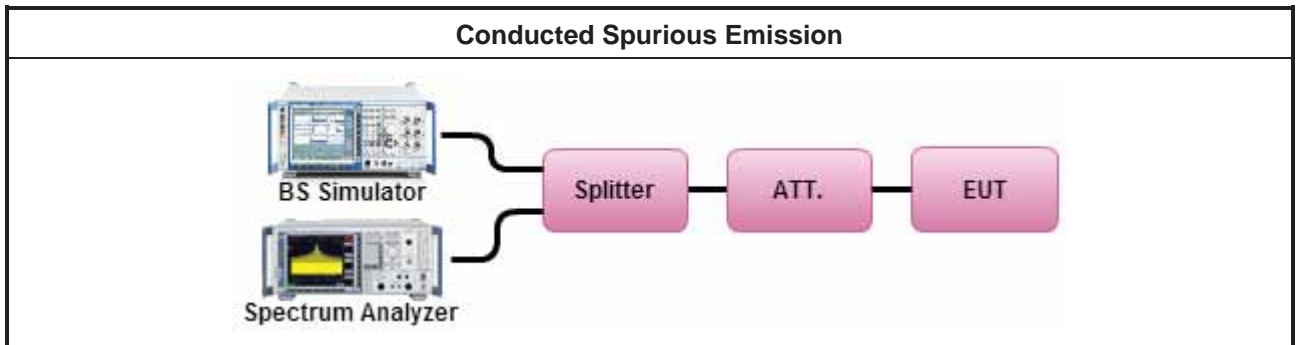
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Conducted Spurious Emission

Refer as Appendix D



3.6 Radiated Spurious Emission Measurement

3.6.1 Description of Radiated Spurious Emission Measurement

| Radiated Spurious Emission | |
|--|--|
| The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. | |
| <input type="checkbox"/> LTE Band 12 | Emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic. |
| <input type="checkbox"/> LTE Band 13 | |

3.6.2 Measuring Instruments

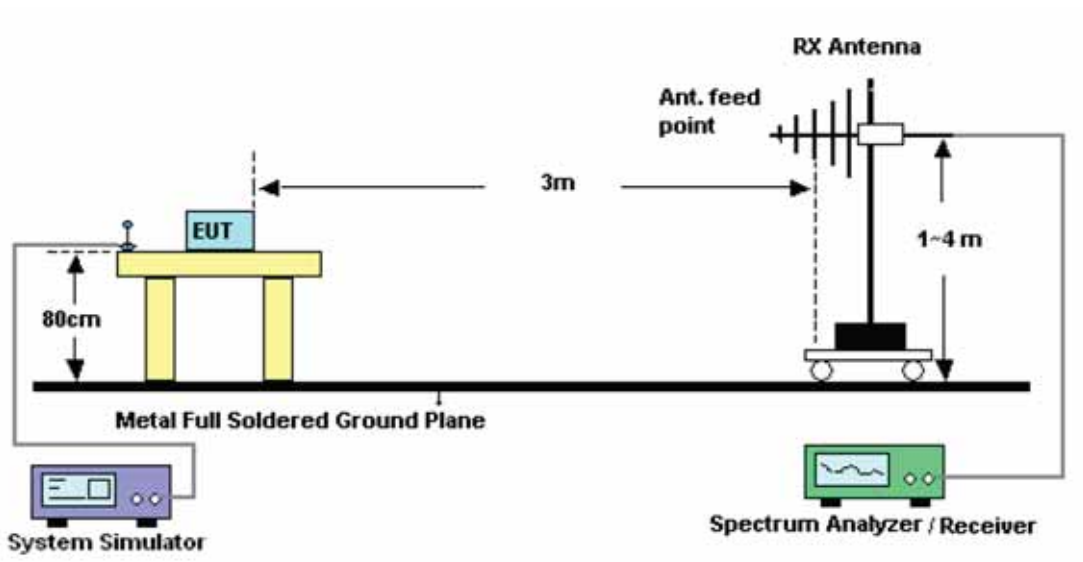
The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

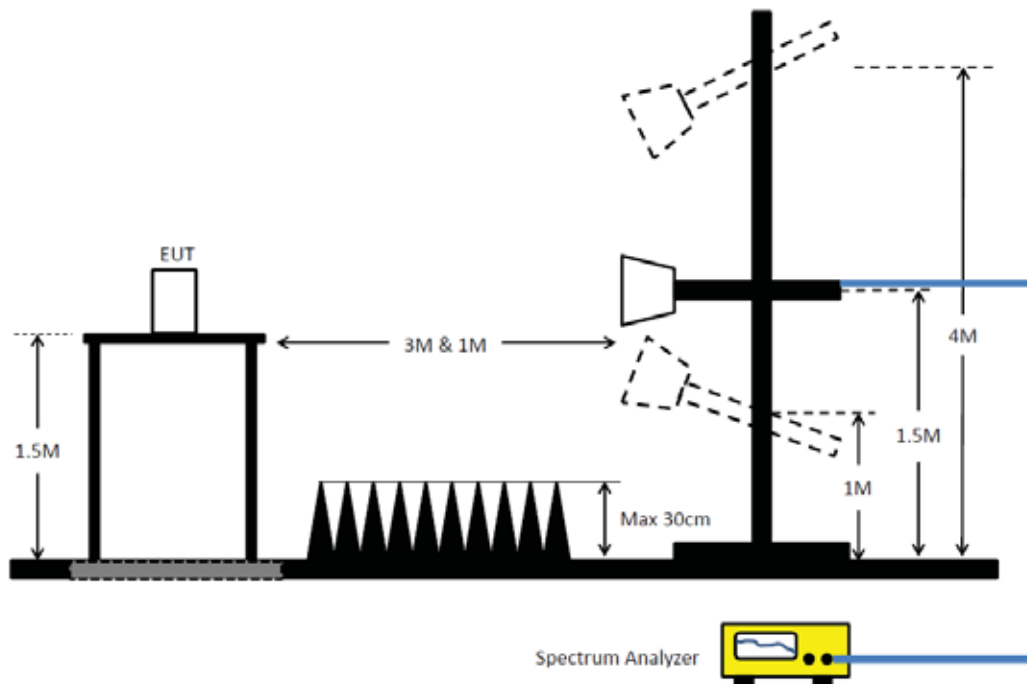
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position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

3.6.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.6.6 Test Result of Radiated Spurious Emission

Refer as Appendix E



3.7 Frequency Stability Measurement

3.7.1 Description of Frequency Stability Measurement

| Frequency Stability | |
|--|--|
| <input checked="" type="checkbox"/> GSM 850 | Base Station: ±1.5ppm Mobile Station: ±2.5ppm |
| <input checked="" type="checkbox"/> WCDMA V | |
| <input checked="" type="checkbox"/> LTE Band 5 | |
| <input checked="" type="checkbox"/> LTE Band 7 | |
| <input checked="" type="checkbox"/> PCS 1900 | Within Authorized Band |
| <input checked="" type="checkbox"/> WCDMA II | |
| <input checked="" type="checkbox"/> LTE Band 2 | |
| <input checked="" type="checkbox"/> LTE Band 4 | |
| <input type="checkbox"/> LTE Band 12 | |
| <input type="checkbox"/> LTE Band 13 | |
| <input type="checkbox"/> LTE Band 17 | |
| <input type="checkbox"/> LTE Band 25 | |
| <input type="checkbox"/> LTE Band 66 | |
| <input type="checkbox"/> LTE Band 14 | |
| <input type="checkbox"/> LTE Band 26 | ±2.5ppm |
| Note: The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. | |

3.7.2 Measuring Instruments

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

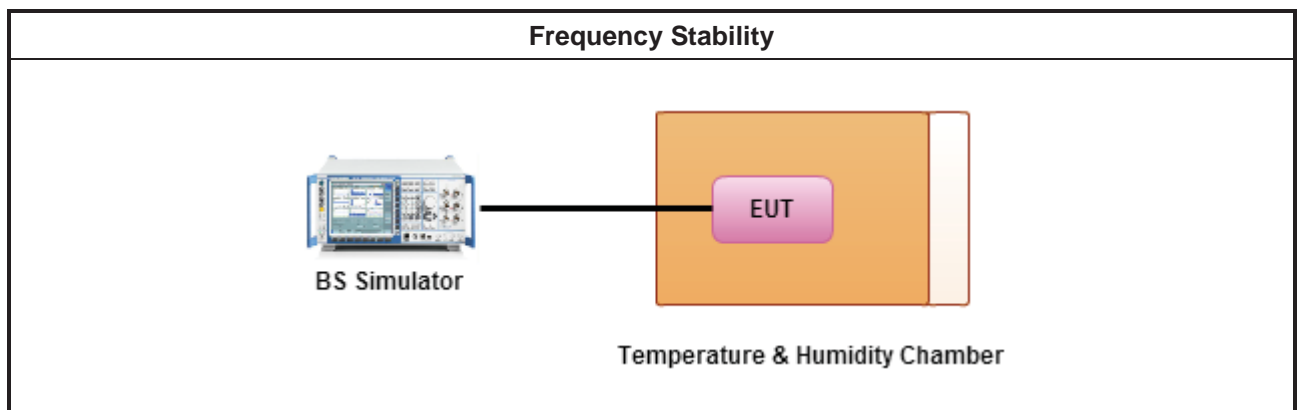
3.7.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in -30°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85 to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.7.5 Test Setup



3.7.6 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for Conducted Test

| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|--|--------------|-----------|------------|---------------|------------------|----------------------|
| Signal Analyzer | R&S | FSV 40 | 101029 | 10KHz ~ 40GHz | 01/Oct/2019 | 30/Sep/2020 |
| SMB100A Signal Generator | R&S | SMB100A03 | 181147 | 100kHz~40GHz | 12/Nov/2018 | 11/Nov/2020 |
| WIDEBAND ADIO COMMUNICATI ON TESTER | R&S | CMW 500 | 141962 | 70MHz~3.3GHz | 11/Sep/2019 | 10/Sep/2020 |



Instrument for Radiated Test

| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|----------------------------------|-----------------|------------------------|----------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03CH02-HY | 30MHz~1GHz 3m | 04/Aug/2020 | 03/Aug/2021 |
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03CH02-HY | 1GHz~18GHz 3m | 02/Aug/2020 | 01/Aug/2021 |
| Signal Analyzer | R&S | FSP40 | 100593 | 1GHz~26.5GHz | 27/Feb/2020 | 26/Feb/2021 |
| Amplifier | Agilent | 8447D | 2944A11149 | 100kHz~1.3GHz | 30/Jun/2020 | 29/Jun/2021 |
| Microwave Preamplifier | Agilent | 8449B | 3008A02373 | 1GHz~18GHz | 16/Oct/2019 | 15/Oct/2020 |
| Bilog Antenna & 5dB Attenuator | SCHAFFNER / MTJ | CBL 6112B / MTJ6102-05 | 2723 / 2 | 30MHz~1GHz | 28/Feb/2020 | 27/Feb/2021 |
| Double Ridged Guide Horn Antenna | SCHWARZBEC | BBHA 9120 D | BBHA 9120 D 01543 | 1GHz~18GHz | 09/Jun/2020 | 08/Jun/2021 |
| RF Cable-R03m | Jye Bao | RG142 | CB017 | 9kHz~30MHz | 20/Jun/2020 | 19/Jun/2021 |
| RF Cable-R03m | Jye Bao | RG142 | CB017 | 30MHz~1GHz | 25/Mar/2020 | 24/Mar/2021 |
| RF Cable-R03m | HUBER+SUHNER | SUCOFLEX104 | 805193/4+805192/4 | 1GHz~40GHz | 08/Apr/2020 | 07/Apr/2021 |
| Broadband Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA 9170221 | 18GHz~40GHz | 13/Mar/2020 | 12/Mar/2021 |
| Preamplifier | MITEQ | TTA1840-35-HG | 1864481 | 18GHz~40GHz | 10/Mar/2020 | 09/Mar/2021 |
| Loop Antenna | TESEQ | HLA 6120 | 31244 | 9kHz~30MHz | 16/Mar/2020 | 15/Mar/2021 |
| EMI Test Receiver | R&S | ESR3 | 102051 | 9kHz~3.6GHz | 29/May/2020 | 28/May/2021 |
| Double ridged Guide Horn Antenna | COM-POWER | AH-118 | 10094 | 1GHz~18GHz | 08/Jul/2020 | 07/Jul/2021 |



Summary

| Mode | Power (dBm) | Power (W) | EIRP/ERP (dBm) | EIRP (W) |
|--------------------------------------|-------------|-----------|----------------|----------|
| 850 | - | - | - | - |
| GPRS_200kHz_Nss1,Multislot 1 up_1TX | 32.42 | 1.746 | 32.77 | 1.89234 |
| GPRS_200kHz_Nss1,Multislot 2 up_1TX | 32.21 | 1.663 | 32.56 | 1.80302 |
| GPRS_200kHz_Nss1,Multislot 3 up_1TX | 29.84 | 0.964 | 30.19 | 1.04472 |
| GPRS_200kHz_Nss1,Multislot 4 up_1TX | 28.57 | 0.719 | 28.92 | 0.77983 |
| EGPRS_200kHz_Nss1,Multislot 1 up_1TX | 26.52 | 0.449 | 26.87 | 0.48641 |
| EGPRS_200kHz_Nss1,Multislot 2 up_1TX | 26.39 | 0.436 | 26.74 | 0.47206 |
| EGPRS_200kHz_Nss1,Multislot 3 up_1TX | 26.23 | 0.420 | 26.58 | 0.45499 |
| EGPRS_200kHz_Nss1,Multislot 4 up_1TX | 25.92 | 0.391 | 26.27 | 0.42364 |
| 1900 | - | - | - | - |
| GPRS_200kHz_Nss1,Multislot 1 up_1TX | 29.55 | 0.902 | 32.97 | 1.98153 |
| GPRS_200kHz_Nss1,Multislot 2 up_1TX | 29.43 | 0.877 | 32.85 | 1.92752 |
| GPRS_200kHz_Nss1,Multislot 3 up_1TX | 29.38 | 0.867 | 32.80 | 1.90546 |
| GPRS_200kHz_Nss1,Multislot 4 up_1TX | 29.38 | 0.867 | 32.80 | 1.90546 |
| EGPRS_200kHz_Nss1,Multislot 1 up_1TX | 26.51 | 0.448 | 29.93 | 0.98401 |
| EGPRS_200kHz_Nss1,Multislot 2 up_1TX | 26.44 | 0.441 | 29.86 | 0.96828 |
| EGPRS_200kHz_Nss1,Multislot 3 up_1TX | 26.11 | 0.408 | 29.53 | 0.89743 |
| EGPRS_200kHz_Nss1,Multislot 4 up_1TX | 24.81 | 0.303 | 28.23 | 0.66527 |



Result

| Mode | Result | DG (dB) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP/ERP (dBm) | EIRP/ERP (W) | EIRP/ERP Lim. (W) |
|------------------------------------|--------|------------|-----------------|----------------|--------------|-------------------|-------------------|-----------------|-------------------------|
| 850 | - | - | - | - | - | - | - | - | - |
| GPRS_200kHz_Multislot 1 up_824.2 | Pass | 2.50 | 32.42 | 32.42 | 1.746 | Inf | 32.77 | 1.89234 | 7 |
| GPRS_200kHz_Multislot 2 up_824.2 | Pass | 2.50 | 32.21 | 32.21 | 1.663 | Inf | 32.56 | 1.80302 | 7 |
| GPRS_200kHz_Multislot 3 up_824.2 | Pass | 2.50 | 29.84 | 29.84 | 0.964 | Inf | 30.19 | 1.04472 | 7 |
| GPRS_200kHz_Multislot 4 up_824.2 | Pass | 2.50 | 28.38 | 28.38 | 0.689 | Inf | 28.73 | 0.74645 | 7 |
| GPRS_200kHz_Multislot 1 up_836.4 | Pass | 2.50 | 32.39 | 32.39 | 1.734 | Inf | 32.74 | 1.87932 | 7 |
| GPRS_200kHz_Multislot 2 up_836.4 | Pass | 2.50 | 32.16 | 32.16 | 1.644 | Inf | 32.51 | 1.78238 | 7 |
| GPRS_200kHz_Multislot 3 up_836.4 | Pass | 2.50 | 29.81 | 29.81 | 0.957 | Inf | 30.16 | 1.03753 | 7 |
| GPRS_200kHz_Multislot 4 up_836.4 | Pass | 2.50 | 28.57 | 28.57 | 0.719 | Inf | 28.92 | 0.77983 | 7 |
| GPRS_200kHz_Multislot 1 up_848.8 | Pass | 2.50 | 32.30 | 32.30 | 1.698 | Inf | 32.65 | 1.84077 | 7 |
| GPRS_200kHz_Multislot 2 up_848.8 | Pass | 2.50 | 32.04 | 32.04 | 1.600 | Inf | 32.39 | 1.73380 | 7 |
| GPRS_200kHz_Multislot 3 up_848.8 | Pass | 2.50 | 29.75 | 29.75 | 0.944 | Inf | 30.10 | 1.02329 | 7 |
| GPRS_200kHz_Multislot 4 up_848.8 | Pass | 2.50 | 28.35 | 28.35 | 0.684 | Inf | 28.70 | 0.74131 | 7 |
| 1900 | - | - | - | - | - | - | - | - | - |
| GPRS_200kHz_Multislot 1 up_1850.2 | Pass | 3.42 | 29.52 | 29.52 | 0.895 | Inf | 32.94 | 1.96789 | 2 |
| GPRS_200kHz_Multislot 2 up_1850.2 | Pass | 3.42 | 29.43 | 29.43 | 0.877 | Inf | 32.85 | 1.92752 | 2 |
| GPRS_200kHz_Multislot 3 up_1850.2 | Pass | 3.42 | 29.26 | 29.26 | 0.843 | Inf | 32.68 | 1.85353 | 2 |
| GPRS_200kHz_Multislot 4 up_1850.2 | Pass | 3.42 | 28.77 | 28.77 | 0.753 | Inf | 32.19 | 1.65577 | 2 |
| GPRS_200kHz_Multislot 1 up_1880 | Pass | 3.42 | 29.55 | 29.55 | 0.902 | Inf | 32.97 | 1.98153 | 2 |
| GPRS_200kHz_Multislot 2 up_1880 | Pass | 3.42 | 29.43 | 29.43 | 0.877 | Inf | 32.85 | 1.92752 | 2 |
| GPRS_200kHz_Multislot 3 up_1880 | Pass | 3.42 | 29.26 | 29.26 | 0.843 | Inf | 32.68 | 1.85353 | 2 |
| GPRS_200kHz_Multislot 4 up_1880 | Pass | 3.42 | 29.38 | 29.38 | 0.867 | Inf | 32.80 | 1.90546 | 2 |
| GPRS_200kHz_Multislot 1 up_1909.8 | Pass | 3.42 | 29.26 | 29.26 | 0.843 | Inf | 32.68 | 1.85353 | 2 |
| GPRS_200kHz_Multislot 2 up_1909.8 | Pass | 3.42 | 29.18 | 29.18 | 0.828 | Inf | 32.60 | 1.81970 | 2 |
| GPRS_200kHz_Multislot 3 up_1909.8 | Pass | 3.42 | 29.38 | 29.38 | 0.867 | Inf | 32.80 | 1.90546 | 2 |
| GPRS_200kHz_Multislot 4 up_1909.8 | Pass | 3.42 | 28.68 | 28.68 | 0.738 | Inf | 32.10 | 1.62181 | 2 |
| 850 | - | - | - | - | - | - | - | - | - |
| EGPRS_200kHz_Multislot 1 up_824.2 | Pass | 2.50 | 26.52 | 26.52 | 0.449 | Inf | 26.87 | 0.48641 | 7 |
| EGPRS_200kHz_Multislot 2 up_824.2 | Pass | 2.50 | 26.21 | 26.21 | 0.418 | Inf | 26.56 | 0.45290 | 7 |
| EGPRS_200kHz_Multislot 3 up_824.2 | Pass | 2.50 | 26.09 | 26.09 | 0.406 | Inf | 26.44 | 0.44055 | 7 |
| EGPRS_200kHz_Multislot 4 up_824.2 | Pass | 2.50 | 25.91 | 25.91 | 0.390 | Inf | 26.26 | 0.42267 | 7 |
| EGPRS_200kHz_Multislot 1 up_836.4 | Pass | 2.50 | 26.40 | 26.40 | 0.437 | Inf | 26.75 | 0.47315 | 7 |
| EGPRS_200kHz_Multislot 2 up_836.4 | Pass | 2.50 | 26.27 | 26.27 | 0.424 | Inf | 26.62 | 0.45920 | 7 |
| EGPRS_200kHz_Multislot 3 up_836.4 | Pass | 2.50 | 26.23 | 26.23 | 0.420 | Inf | 26.58 | 0.45499 | 7 |
| EGPRS_200kHz_Multislot 4 up_836.4 | Pass | 2.50 | 25.92 | 25.92 | 0.391 | Inf | 26.27 | 0.42364 | 7 |
| EGPRS_200kHz_Multislot 1 up_848.8 | Pass | 2.50 | 26.52 | 26.52 | 0.449 | Inf | 26.87 | 0.48641 | 7 |
| EGPRS_200kHz_Multislot 2 up_848.8 | Pass | 2.50 | 26.39 | 26.39 | 0.436 | Inf | 26.74 | 0.47206 | 7 |
| EGPRS_200kHz_Multislot 3 up_848.8 | Pass | 2.50 | 26.22 | 26.22 | 0.419 | Inf | 26.57 | 0.45394 | 7 |
| EGPRS_200kHz_Multislot 4 up_848.8 | Pass | 2.50 | 25.01 | 25.01 | 0.317 | Inf | 25.36 | 0.34356 | 7 |
| 1900 | - | - | - | - | - | - | - | - | - |
| EGPRS_200kHz_Multislot 1 up_1850.2 | Pass | 3.42 | 26.48 | 26.48 | 0.445 | Inf | 29.90 | 0.97724 | 2 |
| EGPRS_200kHz_Multislot 2 up_1850.2 | Pass | 3.42 | 26.24 | 26.24 | 0.421 | Inf | 29.66 | 0.92470 | 2 |
| EGPRS_200kHz_Multislot 3 up_1850.2 | Pass | 3.42 | 26.07 | 26.07 | 0.405 | Inf | 29.49 | 0.88920 | 2 |
| EGPRS_200kHz_Multislot 4 up_1850.2 | Pass | 3.42 | 24.74 | 24.74 | 0.298 | Inf | 28.16 | 0.65464 | 2 |
| EGPRS_200kHz_Multislot 1 up_1880 | Pass | 3.42 | 26.49 | 26.49 | 0.446 | Inf | 29.91 | 0.97949 | 2 |
| EGPRS_200kHz_Multislot 2 up_1880 | Pass | 3.42 | 26.21 | 26.21 | 0.418 | Inf | 29.63 | 0.91833 | 2 |
| EGPRS_200kHz_Multislot 3 up_1880 | Pass | 3.42 | 26.11 | 26.11 | 0.408 | Inf | 29.53 | 0.89743 | 2 |
| EGPRS_200kHz_Multislot 4 up_1880 | Pass | 3.42 | 24.81 | 24.81 | 0.303 | Inf | 28.23 | 0.66527 | 2 |



Average Power_2G

Appendix A.1

| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP/ERP (dBm) | EIRP/ERP (W) | EIRP/ERP Lim. (W) |
|------------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|-------------------|-----------------|-------------------------|
| EGPRS_200kHz_Multislot 1 up_1909.8 | Pass | 3.42 | 26.51 | 26.51 | 0.448 | Inf | 29.93 | 0.98401 | 2 |
| EGPRS_200kHz_Multislot 2 up_1909.8 | Pass | 3.42 | 26.44 | 26.44 | 0.441 | Inf | 29.86 | 0.96828 | 2 |
| EGPRS_200kHz_Multislot 3 up_1909.8 | Pass | 3.42 | 25.37 | 25.37 | 0.344 | Inf | 28.79 | 0.75683 | 2 |
| EGPRS_200kHz_Multislot 4 up_1909.8 | Pass | 3.42 | 24.29 | 24.29 | 0.269 | Inf | 27.71 | 0.59020 | 2 |

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



Summary

| Mode | Power (dBm) | Power (W) | EIRP (dBm) | EIRP (W) |
|-------------------------------|-------------|-----------|------------|----------|
| Band 2 | - | - | - | - |
| WCDMA_5MHz_Nss1_1TX | 22.97 | 0.198 | 26.39 | 0.436 |
| HSDPA_5MHz_Nss1,Sublest 1_1TX | 21.89 | 0.155 | 25.31 | 0.340 |
| HSDPA_5MHz_Nss1,Sublest 2_1TX | 21.95 | 0.157 | 25.37 | 0.344 |
| HSDPA_5MHz_Nss1,Sublest 3_1TX | 21.52 | 0.142 | 24.94 | 0.312 |
| HSDPA_5MHz_Nss1,Sublest 4_1TX | 21.51 | 0.142 | 24.93 | 0.311 |
| HSUPA_5MHz_Nss1,Sublest 1_1TX | 21.59 | 0.144 | 25.01 | 0.317 |
| HSUPA_5MHz_Nss1,Sublest 2_1TX | 21.15 | 0.130 | 24.57 | 0.286 |
| HSUPA_5MHz_Nss1,Sublest 3_1TX | 21.63 | 0.146 | 25.05 | 0.320 |
| HSUPA_5MHz_Nss1,Sublest 4_1TX | 21.57 | 0.144 | 24.99 | 0.316 |
| HSUPA_5MHz_Nss1,Sublest 5_1TX | 21.52 | 0.142 | 24.94 | 0.312 |



Result

| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|-------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| WCDMA_5MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 22.88 | 22.88 | 0.194 | Inf | 26.30 | 0.427 | 2 |
| 1880MHz | Pass | 3.42 | 22.97 | 22.97 | 0.198 | Inf | 26.39 | 0.436 | 2 |
| 1907.6MHz | Pass | 3.42 | 22.81 | 22.81 | 0.191 | Inf | 26.23 | 0.420 | 2 |
| HSDPA_5MHz_Nss1_Subtest 1_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.75 | 21.75 | 0.150 | Inf | 25.17 | 0.329 | 2 |
| 1880MHz | Pass | 3.42 | 21.89 | 21.89 | 0.155 | Inf | 25.31 | 0.340 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.64 | 21.64 | 0.146 | Inf | 25.06 | 0.321 | 2 |
| HSDPA_5MHz_Nss1_Subtest 2_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.79 | 21.79 | 0.151 | Inf | 25.21 | 0.332 | 2 |
| 1880MHz | Pass | 3.42 | 21.95 | 21.95 | 0.157 | Inf | 25.37 | 0.344 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.74 | 21.74 | 0.149 | Inf | 25.16 | 0.328 | 2 |
| HSDPA_5MHz_Nss1_Subtest 3_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.296 | 2 |
| 1880MHz | Pass | 3.42 | 21.52 | 21.52 | 0.142 | Inf | 24.94 | 0.312 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.27 | 21.27 | 0.134 | Inf | 24.69 | 0.294 | 2 |
| HSDPA_5MHz_Nss1_Subtest 4_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.33 | 21.33 | 0.136 | Inf | 24.75 | 0.299 | 2 |
| 1880MHz | Pass | 3.42 | 21.51 | 21.51 | 0.142 | Inf | 24.93 | 0.311 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.25 | 21.25 | 0.133 | Inf | 24.67 | 0.293 | 2 |
| HSUPA_5MHz_Nss1_Subtest 1_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.58 | 21.58 | 0.144 | Inf | 25.00 | 0.316 | 2 |
| 1880MHz | Pass | 3.42 | 21.59 | 21.59 | 0.144 | Inf | 25.01 | 0.317 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.44 | 21.44 | 0.139 | Inf | 24.86 | 0.306 | 2 |
| HSUPA_5MHz_Nss1_Subtest 2_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.04 | 21.04 | 0.127 | Inf | 24.46 | 0.279 | 2 |
| 1880MHz | Pass | 3.42 | 21.15 | 21.15 | 0.130 | Inf | 24.57 | 0.286 | 2 |
| 1907.6MHz | Pass | 3.42 | 20.81 | 20.81 | 0.121 | Inf | 24.23 | 0.265 | 2 |
| HSUPA_5MHz_Nss1_Subtest 3_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.46 | 21.46 | 0.140 | Inf | 24.88 | 0.308 | 2 |
| 1880MHz | Pass | 3.42 | 21.63 | 21.63 | 0.146 | Inf | 25.05 | 0.320 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.37 | 21.37 | 0.137 | Inf | 24.79 | 0.301 | 2 |
| HSUPA_5MHz_Nss1_Subtest 4_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.46 | 21.46 | 0.140 | Inf | 24.88 | 0.308 | 2 |
| 1880MHz | Pass | 3.42 | 21.57 | 21.57 | 0.144 | Inf | 24.99 | 0.316 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.35 | 21.35 | 0.136 | Inf | 24.77 | 0.300 | 2 |
| HSUPA_5MHz_Nss1_Subtest 5_1TX | - | - | - | - | - | - | - | - | - |
| 1852.4MHz | Pass | 3.42 | 21.51 | 21.51 | 0.142 | Inf | 24.93 | 0.311 | 2 |
| 1880MHz | Pass | 3.42 | 21.52 | 21.52 | 0.142 | Inf | 24.94 | 0.312 | 2 |
| 1907.6MHz | Pass | 3.42 | 21.28 | 21.28 | 0.134 | Inf | 24.70 | 0.295 | 2 |

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



Summary

| Mode | Power (dBm) | Power (W) | EIRP (dBm) | EIRP (W) |
|---------------------------|-------------|-----------|------------|----------|
| Band 2 | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 21.93 | 0.156 | 25.35 | 0.34277 |
| LTE_3MHz_Nss1,QPSK_1TX | 21.61 | 0.145 | 25.03 | 0.31842 |
| LTE_5MHz_Nss1,QPSK_1TX | 21.75 | 0.150 | 25.17 | 0.32885 |
| LTE_10MHz_Nss1,QPSK_1TX | 22.90 | 0.195 | 26.32 | 0.42855 |
| LTE_15MHz_Nss1,QPSK_1TX | 22.09 | 0.162 | 25.51 | 0.35563 |
| LTE_20MHz_Nss1,QPSK_1TX | 22.74 | 0.188 | 26.16 | 0.41305 |
| LTE_1.4MHz_Nss1,16QAM_1TX | 20.74 | 0.119 | 24.16 | 0.26062 |
| LTE_3MHz_Nss1,16QAM_1TX | 20.59 | 0.115 | 24.01 | 0.25177 |
| LTE_5MHz_Nss1,16QAM_1TX | 20.64 | 0.116 | 24.06 | 0.25468 |
| LTE_10MHz_Nss1,16QAM_1TX | 21.52 | 0.142 | 24.94 | 0.31189 |
| LTE_15MHz_Nss1,16QAM_1TX | 21.47 | 0.140 | 24.89 | 0.30832 |
| LTE_20MHz_Nss1,16QAM_1TX | 21.75 | 0.150 | 25.17 | 0.32885 |
| Band 4 | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 22.00 | 0.158 | 25.28 | 0.33729 |
| LTE_3MHz_Nss1,QPSK_1TX | 22.62 | 0.183 | 25.90 | 0.38905 |
| LTE_5MHz_Nss1,QPSK_1TX | 22.29 | 0.169 | 25.57 | 0.36058 |
| LTE_10MHz_Nss1,QPSK_1TX | 22.28 | 0.169 | 25.56 | 0.35975 |
| LTE_15MHz_Nss1,QPSK_1TX | 22.08 | 0.161 | 25.36 | 0.34356 |
| LTE_20MHz_Nss1,QPSK_1TX | 22.45 | 0.176 | 25.73 | 0.37411 |
| LTE_1.4MHz_Nss1,16QAM_1TX | 22.14 | 0.164 | 25.42 | 0.34834 |
| LTE_3MHz_Nss1,16QAM_1TX | 22.04 | 0.160 | 25.32 | 0.34041 |
| LTE_5MHz_Nss1,16QAM_1TX | 22.34 | 0.171 | 25.62 | 0.36475 |
| LTE_10MHz_Nss1,16QAM_1TX | 21.47 | 0.140 | 24.75 | 0.29854 |
| LTE_15MHz_Nss1,16QAM_1TX | 21.45 | 0.140 | 24.73 | 0.29717 |
| LTE_20MHz_Nss1,16QAM_1TX | 21.50 | 0.141 | 24.78 | 0.30061 |
| Band 7 | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | 22.84 | 0.192 | 26.64 | 0.46132 |
| LTE_10MHz_Nss1,QPSK_1TX | 22.33 | 0.171 | 26.13 | 0.41020 |
| LTE_15MHz_Nss1,QPSK_1TX | 22.25 | 0.168 | 26.05 | 0.40272 |
| LTE_20MHz_Nss1,QPSK_1TX | 22.58 | 0.181 | 26.38 | 0.43451 |
| LTE_5MHz_Nss1,16QAM_1TX | 21.05 | 0.127 | 24.85 | 0.30549 |
| LTE_10MHz_Nss1,16QAM_1TX | 21.29 | 0.135 | 25.09 | 0.32285 |
| LTE_15MHz_Nss1,16QAM_1TX | 21.57 | 0.144 | 25.37 | 0.34435 |
| LTE_20MHz_Nss1,16QAM_1TX | 21.44 | 0.139 | 25.24 | 0.33420 |



Result

| Mode | Result | DG (dB) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|---------|--------------|-------------|-----------|----------------|------------|----------|---------------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 3.42 | 20.74 | 20.74 | 0.119 | Inf | 24.16 | 0.26062 | 2 |
| 1850.7MHz_RB 1,#RB L | Pass | 3.42 | 21.62 | 21.62 | 0.145 | Inf | 25.04 | 0.31915 | 2 |
| 1850.7MHz_RB 1,#RB M | Pass | 3.42 | 21.82 | 21.82 | 0.152 | Inf | 25.24 | 0.33420 | 2 |
| 1850.7MHz_RB 1,#RB H | Pass | 3.42 | 21.62 | 21.62 | 0.145 | Inf | 25.04 | 0.31915 | 2 |
| 1850.7MHz_RB 3,#RB L | Pass | 3.42 | 21.93 | 21.93 | 0.156 | Inf | 25.35 | 0.34277 | 2 |
| 1850.7MHz_RB 3,#RB M | Pass | 3.42 | 21.68 | 21.68 | 0.147 | Inf | 25.10 | 0.32359 | 2 |
| 1850.7MHz_RB 3,#RB H | Pass | 3.42 | 21.74 | 21.74 | 0.149 | Inf | 25.16 | 0.32810 | 2 |
| 1880MHz_RB 6,#RB 0 | Pass | 3.42 | 20.62 | 20.62 | 0.115 | Inf | 24.04 | 0.25351 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.58 | 21.58 | 0.144 | Inf | 25.00 | 0.31623 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.64 | 21.64 | 0.146 | Inf | 25.06 | 0.32063 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.60 | 21.60 | 0.145 | Inf | 25.02 | 0.31769 | 2 |
| 1880MHz_RB 3,#RB L | Pass | 3.42 | 21.36 | 21.36 | 0.137 | Inf | 24.78 | 0.30061 | 2 |
| 1880MHz_RB 3,#RB M | Pass | 3.42 | 21.50 | 21.50 | 0.141 | Inf | 24.92 | 0.31046 | 2 |
| 1880MHz_RB 3,#RB H | Pass | 3.42 | 21.35 | 21.35 | 0.136 | Inf | 24.77 | 0.29992 | 2 |
| 1909.3MHz_RB 6,#RB 0 | Pass | 3.42 | 20.37 | 20.37 | 0.109 | Inf | 23.79 | 0.23933 | 2 |
| 1909.3MHz_RB 1,#RB L | Pass | 3.42 | 21.32 | 21.32 | 0.136 | Inf | 24.74 | 0.29785 | 2 |
| 1909.3MHz_RB 1,#RB M | Pass | 3.42 | 21.39 | 21.39 | 0.138 | Inf | 24.81 | 0.30269 | 2 |
| 1909.3MHz_RB 1,#RB H | Pass | 3.42 | 21.18 | 21.18 | 0.131 | Inf | 24.60 | 0.28840 | 2 |
| 1909.3MHz_RB 3,#RB L | Pass | 3.42 | 21.25 | 21.25 | 0.133 | Inf | 24.67 | 0.29309 | 2 |
| 1909.3MHz_RB 3,#RB M | Pass | 3.42 | 21.26 | 21.26 | 0.134 | Inf | 24.68 | 0.29376 | 2 |
| 1909.3MHz_RB 3,#RB H | Pass | 3.42 | 21.18 | 21.18 | 0.131 | Inf | 24.60 | 0.28840 | 2 |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1851.5MHz_RB 15,#RB 0 | Pass | 3.42 | 20.63 | 20.63 | 0.116 | Inf | 24.05 | 0.25410 | 2 |
| 1851.5MHz_RB 1,#RB L | Pass | 3.42 | 21.32 | 21.32 | 0.136 | Inf | 24.74 | 0.29785 | 2 |
| 1851.5MHz_RB 1,#RB M | Pass | 3.42 | 21.61 | 21.61 | 0.145 | Inf | 25.03 | 0.31842 | 2 |
| 1851.5MHz_RB 1,#RB H | Pass | 3.42 | 21.49 | 21.49 | 0.141 | Inf | 24.91 | 0.30974 | 2 |
| 1851.5MHz_RB 8,#RB L | Pass | 3.42 | 20.66 | 20.66 | 0.116 | Inf | 24.08 | 0.25586 | 2 |
| 1851.5MHz_RB 8,#RB M | Pass | 3.42 | 20.64 | 20.64 | 0.116 | Inf | 24.06 | 0.25468 | 2 |
| 1851.5MHz_RB 8,#RB H | Pass | 3.42 | 20.49 | 20.49 | 0.112 | Inf | 23.91 | 0.24604 | 2 |
| 1880MHz_RB 15,#RB 0 | Pass | 3.42 | 20.44 | 20.44 | 0.111 | Inf | 23.86 | 0.24322 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.35 | 21.35 | 0.136 | Inf | 24.77 | 0.29992 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.53 | 21.53 | 0.142 | Inf | 24.95 | 0.31261 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.29648 | 2 |
| 1880MHz_RB 8,#RB L | Pass | 3.42 | 20.37 | 20.37 | 0.109 | Inf | 23.79 | 0.23933 | 2 |
| 1880MHz_RB 8,#RB M | Pass | 3.42 | 20.41 | 20.41 | 0.110 | Inf | 23.83 | 0.24155 | 2 |
| 1880MHz_RB 8,#RB H | Pass | 3.42 | 20.49 | 20.49 | 0.112 | Inf | 23.91 | 0.24604 | 2 |
| 1908.5MHz_RB 15,#RB 0 | Pass | 3.42 | 20.34 | 20.34 | 0.108 | Inf | 23.76 | 0.23768 | 2 |
| 1908.5MHz_RB 1,#RB L | Pass | 3.42 | 21.15 | 21.15 | 0.130 | Inf | 24.57 | 0.28642 | 2 |
| 1908.5MHz_RB 1,#RB M | Pass | 3.42 | 21.38 | 21.38 | 0.137 | Inf | 24.80 | 0.30200 | 2 |
| 1908.5MHz_RB 1,#RB H | Pass | 3.42 | 21.44 | 21.44 | 0.139 | Inf | 24.86 | 0.30620 | 2 |
| 1908.5MHz_RB 8,#RB L | Pass | 3.42 | 20.29 | 20.29 | 0.107 | Inf | 23.71 | 0.23496 | 2 |
| 1908.5MHz_RB 8,#RB M | Pass | 3.42 | 20.28 | 20.28 | 0.107 | Inf | 23.70 | 0.23442 | 2 |
| 1908.5MHz_RB 8,#RB H | Pass | 3.42 | 20.17 | 20.17 | 0.104 | Inf | 23.59 | 0.22856 | 2 |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1852.5MHz_RB 25,#RB 0 | Pass | 3.42 | 20.66 | 20.66 | 0.116 | Inf | 24.08 | 0.25586 | 2 |
| 1852.5MHz_RB 1,#RB L | Pass | 3.42 | 21.42 | 21.42 | 0.139 | Inf | 24.84 | 0.30479 | 2 |
| 1852.5MHz_RB 1,#RB M | Pass | 3.42 | 21.75 | 21.75 | 0.150 | Inf | 25.17 | 0.32885 | 2 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1852.5MHz_RB 1,#RB H | Pass | 3.42 | 21.50 | 21.50 | 0.141 | Inf | 24.92 | 0.31046 | 2 |
| 1852.5MHz_RB 12,#RB L | Pass | 3.42 | 20.63 | 20.63 | 0.116 | Inf | 24.05 | 0.25410 | 2 |
| 1852.5MHz_RB 12,#RB M | Pass | 3.42 | 20.59 | 20.59 | 0.115 | Inf | 24.01 | 0.25177 | 2 |
| 1852.5MHz_RB 12,#RB H | Pass | 3.42 | 20.56 | 20.56 | 0.114 | Inf | 23.98 | 0.25003 | 2 |
| 1880MHz_RB 25,#RB 0 | Pass | 3.42 | 20.22 | 20.22 | 0.105 | Inf | 23.64 | 0.23121 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.29648 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.50 | 21.50 | 0.141 | Inf | 24.92 | 0.31046 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.29648 | 2 |
| 1880MHz_RB 12,#RB L | Pass | 3.42 | 20.27 | 20.27 | 0.106 | Inf | 23.69 | 0.23388 | 2 |
| 1880MHz_RB 12,#RB M | Pass | 3.42 | 20.38 | 20.38 | 0.109 | Inf | 23.80 | 0.23988 | 2 |
| 1880MHz_RB 12,#RB H | Pass | 3.42 | 20.41 | 20.41 | 0.110 | Inf | 23.83 | 0.24155 | 2 |
| 1907.5MHz_RB 25,#RB 0 | Pass | 3.42 | 20.33 | 20.33 | 0.108 | Inf | 23.75 | 0.23714 | 2 |
| 1907.5MHz_RB 1,#RB L | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.29648 | 2 |
| 1907.5MHz_RB 1,#RB M | Pass | 3.42 | 21.43 | 21.43 | 0.139 | Inf | 24.85 | 0.30549 | 2 |
| 1907.5MHz_RB 1,#RB H | Pass | 3.42 | 21.15 | 21.15 | 0.130 | Inf | 24.57 | 0.28642 | 2 |
| 1907.5MHz_RB 12,#RB L | Pass | 3.42 | 20.31 | 20.31 | 0.107 | Inf | 23.73 | 0.23605 | 2 |
| 1907.5MHz_RB 12,#RB M | Pass | 3.42 | 20.29 | 20.29 | 0.107 | Inf | 23.71 | 0.23496 | 2 |
| 1907.5MHz_RB 12,#RB H | Pass | 3.42 | 20.17 | 20.17 | 0.104 | Inf | 23.59 | 0.22856 | 2 |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1855MHz_RB 50,#RB 0 | Pass | 3.42 | 21.54 | 21.54 | 0.143 | Inf | 24.96 | 0.31333 | 2 |
| 1855MHz_RB 1,#RB L | Pass | 3.42 | 22.89 | 22.89 | 0.195 | Inf | 26.31 | 0.42756 | 2 |
| 1855MHz_RB 1,#RB M | Pass | 3.42 | 22.90 | 22.90 | 0.195 | Inf | 26.32 | 0.42855 | 2 |
| 1855MHz_RB 1,#RB H | Pass | 3.42 | 22.16 | 22.16 | 0.164 | Inf | 25.58 | 0.36141 | 2 |
| 1855MHz_RB 25,#RB L | Pass | 3.42 | 21.02 | 21.02 | 0.126 | Inf | 24.44 | 0.27797 | 2 |
| 1855MHz_RB 25,#RB M | Pass | 3.42 | 20.84 | 20.84 | 0.121 | Inf | 24.26 | 0.26669 | 2 |
| 1855MHz_RB 25,#RB H | Pass | 3.42 | 20.89 | 20.89 | 0.123 | Inf | 24.31 | 0.26977 | 2 |
| 1880MHz_RB 50,#RB 0 | Pass | 3.42 | 21.39 | 21.39 | 0.138 | Inf | 24.81 | 0.30269 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 22.31 | 22.31 | 0.170 | Inf | 25.73 | 0.37411 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 22.60 | 22.60 | 0.182 | Inf | 26.02 | 0.39994 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 22.19 | 22.19 | 0.166 | Inf | 25.61 | 0.36392 | 2 |
| 1880MHz_RB 25,#RB L | Pass | 3.42 | 20.92 | 20.92 | 0.124 | Inf | 24.34 | 0.27164 | 2 |
| 1880MHz_RB 25,#RB M | Pass | 3.42 | 20.74 | 20.74 | 0.119 | Inf | 24.16 | 0.26062 | 2 |
| 1880MHz_RB 25,#RB H | Pass | 3.42 | 20.75 | 20.75 | 0.119 | Inf | 24.17 | 0.26122 | 2 |
| 1905MHz_RB 50,#RB 0 | Pass | 3.42 | 20.93 | 20.93 | 0.124 | Inf | 24.35 | 0.27227 | 2 |
| 1905MHz_RB 1,#RB L | Pass | 3.42 | 22.36 | 22.36 | 0.172 | Inf | 25.78 | 0.37844 | 2 |
| 1905MHz_RB 1,#RB M | Pass | 3.42 | 22.43 | 22.43 | 0.175 | Inf | 25.85 | 0.38459 | 2 |
| 1905MHz_RB 1,#RB H | Pass | 3.42 | 21.97 | 21.97 | 0.157 | Inf | 25.39 | 0.34594 | 2 |
| 1905MHz_RB 25,#RB L | Pass | 3.42 | 20.81 | 20.81 | 0.121 | Inf | 24.23 | 0.26485 | 2 |
| 1905MHz_RB 25,#RB M | Pass | 3.42 | 20.70 | 20.70 | 0.117 | Inf | 24.12 | 0.25823 | 2 |
| 1905MHz_RB 25,#RB H | Pass | 3.42 | 20.63 | 20.63 | 0.116 | Inf | 24.05 | 0.25410 | 2 |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1857.5MHz_RB 75,#RB 0 | Pass | 3.42 | 21.50 | 21.50 | 0.141 | Inf | 24.92 | 0.31046 | 2 |
| 1857.5MHz_RB 1,#RB L | Pass | 3.42 | 21.88 | 21.88 | 0.154 | Inf | 25.30 | 0.33884 | 2 |
| 1857.5MHz_RB 1,#RB M | Pass | 3.42 | 22.09 | 22.09 | 0.162 | Inf | 25.51 | 0.35563 | 2 |
| 1857.5MHz_RB 1,#RB H | Pass | 3.42 | 21.90 | 21.90 | 0.155 | Inf | 25.32 | 0.34041 | 2 |
| 1857.5MHz_RB 36,#RB L | Pass | 3.42 | 20.67 | 20.67 | 0.117 | Inf | 24.09 | 0.25645 | 2 |
| 1857.5MHz_RB 36,#RB M | Pass | 3.42 | 20.82 | 20.82 | 0.121 | Inf | 24.24 | 0.26546 | 2 |
| 1857.5MHz_RB 36,#RB H | Pass | 3.42 | 20.81 | 20.81 | 0.121 | Inf | 24.23 | 0.26485 | 2 |
| 1880MHz_RB 75,#RB 0 | Pass | 3.42 | 21.16 | 21.16 | 0.131 | Inf | 24.58 | 0.28708 | 2 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.99 | 21.99 | 0.158 | Inf | 25.41 | 0.34754 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.76 | 21.76 | 0.150 | Inf | 25.18 | 0.32961 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.68 | 21.68 | 0.147 | Inf | 25.10 | 0.32359 | 2 |
| 1880MHz_RB 36,#RB L | Pass | 3.42 | 20.68 | 20.68 | 0.117 | Inf | 24.10 | 0.25704 | 2 |
| 1880MHz_RB 36,#RB M | Pass | 3.42 | 20.89 | 20.89 | 0.123 | Inf | 24.31 | 0.26977 | 2 |
| 1880MHz_RB 36,#RB H | Pass | 3.42 | 20.74 | 20.74 | 0.119 | Inf | 24.16 | 0.26062 | 2 |
| 1902.5MHz_RB 75,#RB 0 | Pass | 3.42 | 20.74 | 20.74 | 0.119 | Inf | 24.16 | 0.26062 | 2 |
| 1902.5MHz_RB 1,#RB L | Pass | 3.42 | 21.80 | 21.80 | 0.151 | Inf | 25.22 | 0.33266 | 2 |
| 1902.5MHz_RB 1,#RB M | Pass | 3.42 | 21.84 | 21.84 | 0.153 | Inf | 25.26 | 0.33574 | 2 |
| 1902.5MHz_RB 1,#RB H | Pass | 3.42 | 21.67 | 21.67 | 0.147 | Inf | 25.09 | 0.32285 | 2 |
| 1902.5MHz_RB 36,#RB L | Pass | 3.42 | 20.60 | 20.60 | 0.115 | Inf | 24.02 | 0.25235 | 2 |
| 1902.5MHz_RB 36,#RB M | Pass | 3.42 | 20.52 | 20.52 | 0.113 | Inf | 23.94 | 0.24774 | 2 |
| 1902.5MHz_RB 36,#RB H | Pass | 3.42 | 20.56 | 20.56 | 0.114 | Inf | 23.98 | 0.25003 | 2 |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1860MHz_RB 100,#RB 0 | Pass | 3.42 | 21.41 | 21.41 | 0.138 | Inf | 24.83 | 0.30409 | 2 |
| 1860MHz_RB 1,#RB L | Pass | 3.42 | 22.29 | 22.29 | 0.169 | Inf | 25.71 | 0.37239 | 2 |
| 1860MHz_RB 1,#RB M | Pass | 3.42 | 22.74 | 22.74 | 0.188 | Inf | 26.16 | 0.41305 | 2 |
| 1860MHz_RB 1,#RB H | Pass | 3.42 | 21.86 | 21.86 | 0.153 | Inf | 25.28 | 0.33729 | 2 |
| 1860MHz_RB 50,#RB L | Pass | 3.42 | 21.06 | 21.06 | 0.128 | Inf | 24.48 | 0.28054 | 2 |
| 1860MHz_RB 50,#RB M | Pass | 3.42 | 20.94 | 20.94 | 0.124 | Inf | 24.36 | 0.27290 | 2 |
| 1860MHz_RB 50,#RB H | Pass | 3.42 | 20.78 | 20.78 | 0.120 | Inf | 24.20 | 0.26303 | 2 |
| 1880MHz_RB 100,#RB 0 | Pass | 3.42 | 21.47 | 21.47 | 0.140 | Inf | 24.89 | 0.30832 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 22.16 | 22.16 | 0.164 | Inf | 25.58 | 0.36141 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 22.38 | 22.38 | 0.173 | Inf | 25.80 | 0.38019 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 22.11 | 22.11 | 0.163 | Inf | 25.53 | 0.35727 | 2 |
| 1880MHz_RB 50,#RB L | Pass | 3.42 | 20.85 | 20.85 | 0.122 | Inf | 24.27 | 0.26730 | 2 |
| 1880MHz_RB 50,#RB M | Pass | 3.42 | 20.85 | 20.85 | 0.122 | Inf | 24.27 | 0.26730 | 2 |
| 1880MHz_RB 50,#RB H | Pass | 3.42 | 20.86 | 20.86 | 0.122 | Inf | 24.28 | 0.26792 | 2 |
| 1900MHz_RB 100,#RB 0 | Pass | 3.42 | 21.29 | 21.29 | 0.135 | Inf | 24.71 | 0.29580 | 2 |
| 1900MHz_RB 1,#RB L | Pass | 3.42 | 22.37 | 22.37 | 0.173 | Inf | 25.79 | 0.37931 | 2 |
| 1900MHz_RB 1,#RB M | Pass | 3.42 | 22.10 | 22.10 | 0.162 | Inf | 25.52 | 0.35645 | 2 |
| 1900MHz_RB 1,#RB H | Pass | 3.42 | 21.80 | 21.80 | 0.151 | Inf | 25.22 | 0.33266 | 2 |
| 1900MHz_RB 50,#RB L | Pass | 3.42 | 20.71 | 20.71 | 0.118 | Inf | 24.13 | 0.25882 | 2 |
| 1900MHz_RB 50,#RB M | Pass | 3.42 | 20.78 | 20.78 | 0.120 | Inf | 24.20 | 0.26303 | 2 |
| 1900MHz_RB 50,#RB H | Pass | 3.42 | 20.75 | 20.75 | 0.119 | Inf | 24.17 | 0.26122 | 2 |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 3.42 | 19.63 | 19.63 | 0.092 | Inf | 23.05 | 0.20184 | 2 |
| 1850.7MHz_RB 1,#RB L | Pass | 3.42 | 20.51 | 20.51 | 0.112 | Inf | 23.93 | 0.24717 | 2 |
| 1850.7MHz_RB 1,#RB M | Pass | 3.42 | 20.60 | 20.60 | 0.115 | Inf | 24.02 | 0.25235 | 2 |
| 1850.7MHz_RB 1,#RB H | Pass | 3.42 | 20.61 | 20.61 | 0.115 | Inf | 24.03 | 0.25293 | 2 |
| 1850.7MHz_RB 3,#RB L | Pass | 3.42 | 20.74 | 20.74 | 0.119 | Inf | 24.16 | 0.26062 | 2 |
| 1850.7MHz_RB 3,#RB M | Pass | 3.42 | 20.71 | 20.71 | 0.118 | Inf | 24.13 | 0.25882 | 2 |
| 1850.7MHz_RB 3,#RB H | Pass | 3.42 | 20.61 | 20.61 | 0.115 | Inf | 24.03 | 0.25293 | 2 |
| 1880MHz_RB 6,#RB 0 | Pass | 3.42 | 19.55 | 19.55 | 0.090 | Inf | 22.97 | 0.19815 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 20.17 | 20.17 | 0.104 | Inf | 23.59 | 0.22856 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 20.39 | 20.39 | 0.109 | Inf | 23.81 | 0.24044 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 20.33 | 20.33 | 0.108 | Inf | 23.75 | 0.23714 | 2 |
| 1880MHz_RB 3,#RB L | Pass | 3.42 | 20.60 | 20.60 | 0.115 | Inf | 24.02 | 0.25235 | 2 |
| 1880MHz_RB 3,#RB M | Pass | 3.42 | 20.47 | 20.47 | 0.111 | Inf | 23.89 | 0.24491 | 2 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1880MHz_RB 3,#RB H | Pass | 3.42 | 20.67 | 20.67 | 0.117 | Inf | 24.09 | 0.25645 | 2 |
| 1909.3MHz_RB 6,#RB O | Pass | 3.42 | 19.46 | 19.46 | 0.088 | Inf | 22.88 | 0.19409 | 2 |
| 1909.3MHz_RB 1,#RB L | Pass | 3.42 | 20.09 | 20.09 | 0.102 | Inf | 23.51 | 0.22439 | 2 |
| 1909.3MHz_RB 1,#RB M | Pass | 3.42 | 20.16 | 20.16 | 0.104 | Inf | 23.58 | 0.22803 | 2 |
| 1909.3MHz_RB 1,#RB H | Pass | 3.42 | 19.95 | 19.95 | 0.099 | Inf | 23.37 | 0.21727 | 2 |
| 1909.3MHz_RB 3,#RB L | Pass | 3.42 | 20.19 | 20.19 | 0.104 | Inf | 23.61 | 0.22961 | 2 |
| 1909.3MHz_RB 3,#RB M | Pass | 3.42 | 20.29 | 20.29 | 0.107 | Inf | 23.71 | 0.23496 | 2 |
| 1909.3MHz_RB 3,#RB H | Pass | 3.42 | 20.37 | 20.37 | 0.109 | Inf | 23.79 | 0.23933 | 2 |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1851.5MHz_RB 15,#RB O | Pass | 3.42 | 19.49 | 19.49 | 0.089 | Inf | 22.91 | 0.19543 | 2 |
| 1851.5MHz_RB 1,#RB L | Pass | 3.42 | 20.51 | 20.51 | 0.112 | Inf | 23.93 | 0.24717 | 2 |
| 1851.5MHz_RB 1,#RB M | Pass | 3.42 | 20.59 | 20.59 | 0.115 | Inf | 24.01 | 0.25177 | 2 |
| 1851.5MHz_RB 1,#RB H | Pass | 3.42 | 20.31 | 20.31 | 0.107 | Inf | 23.73 | 0.23605 | 2 |
| 1851.5MHz_RB 8,#RB L | Pass | 3.42 | 19.64 | 19.64 | 0.092 | Inf | 23.06 | 0.20230 | 2 |
| 1851.5MHz_RB 8,#RB M | Pass | 3.42 | 19.59 | 19.59 | 0.091 | Inf | 23.01 | 0.19999 | 2 |
| 1851.5MHz_RB 8,#RB H | Pass | 3.42 | 19.57 | 19.57 | 0.091 | Inf | 22.99 | 0.19907 | 2 |
| 1880MHz_RB 15,#RB O | Pass | 3.42 | 19.36 | 19.36 | 0.086 | Inf | 22.78 | 0.18967 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 20.13 | 20.13 | 0.103 | Inf | 23.55 | 0.22646 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 20.46 | 20.46 | 0.111 | Inf | 23.88 | 0.24434 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 20.37 | 20.37 | 0.109 | Inf | 23.79 | 0.23933 | 2 |
| 1880MHz_RB 8,#RB L | Pass | 3.42 | 19.38 | 19.38 | 0.087 | Inf | 22.80 | 0.19055 | 2 |
| 1880MHz_RB 8,#RB M | Pass | 3.42 | 19.40 | 19.40 | 0.087 | Inf | 22.82 | 0.19143 | 2 |
| 1880MHz_RB 8,#RB H | Pass | 3.42 | 19.36 | 19.36 | 0.086 | Inf | 22.78 | 0.18967 | 2 |
| 1908.5MHz_RB 15,#RB O | Pass | 3.42 | 19.38 | 19.38 | 0.087 | Inf | 22.80 | 0.19055 | 2 |
| 1908.5MHz_RB 1,#RB L | Pass | 3.42 | 20.17 | 20.17 | 0.104 | Inf | 23.59 | 0.22856 | 2 |
| 1908.5MHz_RB 1,#RB M | Pass | 3.42 | 20.15 | 20.15 | 0.104 | Inf | 23.57 | 0.22751 | 2 |
| 1908.5MHz_RB 1,#RB H | Pass | 3.42 | 20.09 | 20.09 | 0.102 | Inf | 23.51 | 0.22439 | 2 |
| 1908.5MHz_RB 8,#RB L | Pass | 3.42 | 19.16 | 19.16 | 0.082 | Inf | 22.58 | 0.18113 | 2 |
| 1908.5MHz_RB 8,#RB M | Pass | 3.42 | 19.17 | 19.17 | 0.083 | Inf | 22.59 | 0.18155 | 2 |
| 1908.5MHz_RB 8,#RB H | Pass | 3.42 | 19.30 | 19.30 | 0.085 | Inf | 22.72 | 0.18707 | 2 |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1852.5MHz_RB 25,#RB O | Pass | 3.42 | 19.62 | 19.62 | 0.092 | Inf | 23.04 | 0.20137 | 2 |
| 1852.5MHz_RB 1,#RB L | Pass | 3.42 | 20.31 | 20.31 | 0.107 | Inf | 23.73 | 0.23605 | 2 |
| 1852.5MHz_RB 1,#RB M | Pass | 3.42 | 20.64 | 20.64 | 0.116 | Inf | 24.06 | 0.25468 | 2 |
| 1852.5MHz_RB 1,#RB H | Pass | 3.42 | 20.18 | 20.18 | 0.104 | Inf | 23.60 | 0.22909 | 2 |
| 1852.5MHz_RB 12,#RB L | Pass | 3.42 | 19.60 | 19.60 | 0.091 | Inf | 23.02 | 0.20045 | 2 |
| 1852.5MHz_RB 12,#RB M | Pass | 3.42 | 19.48 | 19.48 | 0.089 | Inf | 22.90 | 0.19498 | 2 |
| 1852.5MHz_RB 12,#RB H | Pass | 3.42 | 19.63 | 19.63 | 0.092 | Inf | 23.05 | 0.20184 | 2 |
| 1880MHz_RB 25,#RB O | Pass | 3.42 | 19.35 | 19.35 | 0.086 | Inf | 22.77 | 0.18923 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 20.21 | 20.21 | 0.105 | Inf | 23.63 | 0.23067 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 20.18 | 20.18 | 0.104 | Inf | 23.60 | 0.22909 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 20.13 | 20.13 | 0.103 | Inf | 23.55 | 0.22646 | 2 |
| 1880MHz_RB 12,#RB L | Pass | 3.42 | 19.37 | 19.37 | 0.086 | Inf | 22.79 | 0.19011 | 2 |
| 1880MHz_RB 12,#RB M | Pass | 3.42 | 19.30 | 19.30 | 0.085 | Inf | 22.72 | 0.18707 | 2 |
| 1880MHz_RB 12,#RB H | Pass | 3.42 | 19.40 | 19.40 | 0.087 | Inf | 22.82 | 0.19143 | 2 |
| 1907.5MHz_RB 25,#RB O | Pass | 3.42 | 19.38 | 19.38 | 0.087 | Inf | 22.80 | 0.19055 | 2 |
| 1907.5MHz_RB 1,#RB L | Pass | 3.42 | 20.07 | 20.07 | 0.102 | Inf | 23.49 | 0.22336 | 2 |
| 1907.5MHz_RB 1,#RB M | Pass | 3.42 | 20.21 | 20.21 | 0.105 | Inf | 23.63 | 0.23067 | 2 |
| 1907.5MHz_RB 1,#RB H | Pass | 3.42 | 19.91 | 19.91 | 0.098 | Inf | 23.33 | 0.21528 | 2 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1907.5MHz_RB 12,#RB L | Pass | 3.42 | 19.18 | 19.18 | 0.083 | Inf | 22.60 | 0.18197 | 2 |
| 1907.5MHz_RB 12,#RB M | Pass | 3.42 | 19.25 | 19.25 | 0.084 | Inf | 22.67 | 0.18493 | 2 |
| 1907.5MHz_RB 12,#RB H | Pass | 3.42 | 19.19 | 19.19 | 0.083 | Inf | 22.61 | 0.18239 | 2 |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1855MHz_RB 1,#RB L | Pass | 3.42 | 21.31 | 21.31 | 0.135 | Inf | 24.73 | 0.29717 | 2 |
| 1855MHz_RB 1,#RB M | Pass | 3.42 | 21.43 | 21.43 | 0.139 | Inf | 24.85 | 0.30549 | 2 |
| 1855MHz_RB 1,#RB H | Pass | 3.42 | 21.50 | 21.50 | 0.141 | Inf | 24.92 | 0.31046 | 2 |
| 1855MHz_RB 25,#RB L | Pass | 3.42 | 20.50 | 20.50 | 0.112 | Inf | 23.92 | 0.24660 | 2 |
| 1855MHz_RB 25,#RB M | Pass | 3.42 | 20.52 | 20.52 | 0.113 | Inf | 23.94 | 0.24774 | 2 |
| 1855MHz_RB 25,#RB H | Pass | 3.42 | 20.53 | 20.53 | 0.113 | Inf | 23.95 | 0.24831 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.41 | 21.41 | 0.138 | Inf | 24.83 | 0.30409 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.45 | 21.45 | 0.140 | Inf | 24.87 | 0.30690 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.52 | 21.52 | 0.142 | Inf | 24.94 | 0.31189 | 2 |
| 1880MHz_RB 25,#RB L | Pass | 3.42 | 20.59 | 20.59 | 0.115 | Inf | 24.01 | 0.25177 | 2 |
| 1880MHz_RB 25,#RB M | Pass | 3.42 | 20.47 | 20.47 | 0.111 | Inf | 23.89 | 0.24491 | 2 |
| 1880MHz_RB 25,#RB H | Pass | 3.42 | 20.44 | 20.44 | 0.111 | Inf | 23.86 | 0.24322 | 2 |
| 1905MHz_RB 1,#RB L | Pass | 3.42 | 21.06 | 21.06 | 0.128 | Inf | 24.48 | 0.28054 | 2 |
| 1905MHz_RB 1,#RB M | Pass | 3.42 | 21.24 | 21.24 | 0.133 | Inf | 24.66 | 0.29242 | 2 |
| 1905MHz_RB 1,#RB H | Pass | 3.42 | 20.99 | 20.99 | 0.126 | Inf | 24.41 | 0.27606 | 2 |
| 1905MHz_RB 25,#RB L | Pass | 3.42 | 20.60 | 20.60 | 0.115 | Inf | 24.02 | 0.25235 | 2 |
| 1905MHz_RB 25,#RB M | Pass | 3.42 | 20.34 | 20.34 | 0.108 | Inf | 23.76 | 0.23768 | 2 |
| 1905MHz_RB 25,#RB H | Pass | 3.42 | 20.24 | 20.24 | 0.106 | Inf | 23.66 | 0.23227 | 2 |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1857.5MHz_RB 1,#RB L | Pass | 3.42 | 21.47 | 21.47 | 0.140 | Inf | 24.89 | 0.30832 | 2 |
| 1857.5MHz_RB 1,#RB M | Pass | 3.42 | 21.23 | 21.23 | 0.133 | Inf | 24.65 | 0.29174 | 2 |
| 1857.5MHz_RB 1,#RB H | Pass | 3.42 | 21.30 | 21.30 | 0.135 | Inf | 24.72 | 0.29648 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.20 | 21.20 | 0.132 | Inf | 24.62 | 0.28973 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.04 | 21.04 | 0.127 | Inf | 24.46 | 0.27925 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.16 | 21.16 | 0.131 | Inf | 24.58 | 0.28708 | 2 |
| 1902.5MHz_RB 1,#RB L | Pass | 3.42 | 21.05 | 21.05 | 0.127 | Inf | 24.47 | 0.27990 | 2 |
| 1902.5MHz_RB 1,#RB M | Pass | 3.42 | 21.04 | 21.04 | 0.127 | Inf | 24.46 | 0.27925 | 2 |
| 1902.5MHz_RB 1,#RB H | Pass | 3.42 | 20.97 | 20.97 | 0.125 | Inf | 24.39 | 0.27479 | 2 |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1860MHz_RB 1,#RB L | Pass | 3.42 | 21.05 | 21.05 | 0.127 | Inf | 24.47 | 0.27990 | 2 |
| 1860MHz_RB 1,#RB M | Pass | 3.42 | 21.25 | 21.25 | 0.133 | Inf | 24.67 | 0.29309 | 2 |
| 1860MHz_RB 1,#RB H | Pass | 3.42 | 20.87 | 20.87 | 0.122 | Inf | 24.29 | 0.26853 | 2 |
| 1880MHz_RB 1,#RB L | Pass | 3.42 | 21.29 | 21.29 | 0.135 | Inf | 24.71 | 0.29580 | 2 |
| 1880MHz_RB 1,#RB M | Pass | 3.42 | 21.17 | 21.17 | 0.131 | Inf | 24.59 | 0.28774 | 2 |
| 1880MHz_RB 1,#RB H | Pass | 3.42 | 21.03 | 21.03 | 0.127 | Inf | 24.45 | 0.27861 | 2 |
| 1900MHz_RB 1,#RB L | Pass | 3.42 | 21.10 | 21.10 | 0.129 | Inf | 24.52 | 0.28314 | 2 |
| 1900MHz_RB 1,#RB M | Pass | 3.42 | 21.75 | 21.75 | 0.150 | Inf | 25.17 | 0.32885 | 2 |
| 1900MHz_RB 1,#RB H | Pass | 3.42 | 20.95 | 20.95 | 0.124 | Inf | 24.37 | 0.27353 | 2 |
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1710.7MHz_RB 6,#RB 0 | Pass | 3.28 | 21.27 | 21.27 | 0.134 | Inf | 24.55 | 0.28510 | 1 |
| 1710.7MHz_RB 1,#RB L | Pass | 3.28 | 21.86 | 21.86 | 0.153 | Inf | 25.14 | 0.32659 | 1 |
| 1710.7MHz_RB 1,#RB M | Pass | 3.28 | 21.91 | 21.91 | 0.155 | Inf | 25.19 | 0.33037 | 1 |
| 1710.7MHz_RB 1,#RB H | Pass | 3.28 | 21.88 | 21.88 | 0.154 | Inf | 25.16 | 0.32810 | 1 |
| 1710.7MHz_RB 3,#RB L | Pass | 3.28 | 21.83 | 21.83 | 0.152 | Inf | 25.11 | 0.32434 | 1 |
| 1710.7MHz_RB 3,#RB M | Pass | 3.28 | 21.87 | 21.87 | 0.154 | Inf | 25.15 | 0.32734 | 1 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|-------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1710.7MHz_RB 3,#RB H | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1732.5MHz_RB 6,#RB 0 | Pass | 3.28 | 21.16 | 21.16 | 0.131 | Inf | 24.44 | 0.27797 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.95 | 21.95 | 0.157 | Inf | 25.23 | 0.33343 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.86 | 21.86 | 0.153 | Inf | 25.14 | 0.32659 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.87 | 21.87 | 0.154 | Inf | 25.15 | 0.32734 | 1 |
| 1732.5MHz_RB 3,#RB L | Pass | 3.28 | 21.84 | 21.84 | 0.153 | Inf | 25.12 | 0.32509 | 1 |
| 1732.5MHz_RB 3,#RB M | Pass | 3.28 | 21.91 | 21.91 | 0.155 | Inf | 25.19 | 0.33037 | 1 |
| 1732.5MHz_RB 3,#RB H | Pass | 3.28 | 21.76 | 21.76 | 0.150 | Inf | 25.04 | 0.31915 | 1 |
| 1754.3MHz_RB 6,#RB 0 | Pass | 3.28 | 20.68 | 20.68 | 0.117 | Inf | 23.96 | 0.24889 | 1 |
| 1754.3MHz_RB 1,#RB L | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1754.3MHz_RB 1,#RB M | Pass | 3.28 | 22.00 | 22.00 | 0.158 | Inf | 25.28 | 0.33729 | 1 |
| 1754.3MHz_RB 1,#RB H | Pass | 3.28 | 21.73 | 21.73 | 0.149 | Inf | 25.01 | 0.31696 | 1 |
| 1754.3MHz_RB 3,#RB L | Pass | 3.28 | 21.54 | 21.54 | 0.143 | Inf | 24.82 | 0.30339 | 1 |
| 1754.3MHz_RB 3,#RB M | Pass | 3.28 | 21.62 | 21.62 | 0.145 | Inf | 24.90 | 0.30903 | 1 |
| 1754.3MHz_RB 3,#RB H | Pass | 3.28 | 21.65 | 21.65 | 0.146 | Inf | 24.93 | 0.31117 | 1 |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 3.28 | 21.29 | 21.29 | 0.135 | Inf | 24.57 | 0.28642 | 1 |
| 1711.5MHz_RB 1,#RB L | Pass | 3.28 | 22.62 | 22.62 | 0.183 | Inf | 25.90 | 0.38905 | 1 |
| 1711.5MHz_RB 1,#RB M | Pass | 3.28 | 22.08 | 22.08 | 0.161 | Inf | 25.36 | 0.34356 | 1 |
| 1711.5MHz_RB 1,#RB H | Pass | 3.28 | 21.99 | 21.99 | 0.158 | Inf | 25.27 | 0.33651 | 1 |
| 1711.5MHz_RB 8,#RB L | Pass | 3.28 | 21.30 | 21.30 | 0.135 | Inf | 24.58 | 0.28708 | 1 |
| 1711.5MHz_RB 8,#RB M | Pass | 3.28 | 21.08 | 21.08 | 0.128 | Inf | 24.36 | 0.27290 | 1 |
| 1711.5MHz_RB 8,#RB H | Pass | 3.28 | 20.99 | 20.99 | 0.126 | Inf | 24.27 | 0.26730 | 1 |
| 1732.5MHz_RB 15,#RB 0 | Pass | 3.28 | 21.38 | 21.38 | 0.137 | Inf | 24.66 | 0.29242 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 22.01 | 22.01 | 0.159 | Inf | 25.29 | 0.33806 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 22.03 | 22.03 | 0.160 | Inf | 25.31 | 0.33963 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.91 | 21.91 | 0.155 | Inf | 25.19 | 0.33037 | 1 |
| 1732.5MHz_RB 8,#RB L | Pass | 3.28 | 21.26 | 21.26 | 0.134 | Inf | 24.54 | 0.28445 | 1 |
| 1732.5MHz_RB 8,#RB M | Pass | 3.28 | 20.96 | 20.96 | 0.125 | Inf | 24.24 | 0.26546 | 1 |
| 1732.5MHz_RB 8,#RB H | Pass | 3.28 | 20.76 | 20.76 | 0.119 | Inf | 24.04 | 0.25351 | 1 |
| 1753.5MHz_RB 15,#RB 0 | Pass | 3.28 | 20.93 | 20.93 | 0.124 | Inf | 24.21 | 0.26363 | 1 |
| 1753.5MHz_RB 1,#RB L | Pass | 3.28 | 22.16 | 22.16 | 0.164 | Inf | 25.44 | 0.34995 | 1 |
| 1753.5MHz_RB 1,#RB M | Pass | 3.28 | 21.87 | 21.87 | 0.154 | Inf | 25.15 | 0.32734 | 1 |
| 1753.5MHz_RB 1,#RB H | Pass | 3.28 | 21.76 | 21.76 | 0.150 | Inf | 25.04 | 0.31915 | 1 |
| 1753.5MHz_RB 8,#RB L | Pass | 3.28 | 20.67 | 20.67 | 0.117 | Inf | 23.95 | 0.24831 | 1 |
| 1753.5MHz_RB 8,#RB M | Pass | 3.28 | 20.62 | 20.62 | 0.115 | Inf | 23.90 | 0.24547 | 1 |
| 1753.5MHz_RB 8,#RB H | Pass | 3.28 | 20.63 | 20.63 | 0.116 | Inf | 23.91 | 0.24604 | 1 |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 3.28 | 21.38 | 21.38 | 0.137 | Inf | 24.66 | 0.29242 | 1 |
| 1712.5MHz_RB 1,#RB L | Pass | 3.28 | 22.04 | 22.04 | 0.160 | Inf | 25.32 | 0.34041 | 1 |
| 1712.5MHz_RB 1,#RB M | Pass | 3.28 | 22.04 | 22.04 | 0.160 | Inf | 25.32 | 0.34041 | 1 |
| 1712.5MHz_RB 1,#RB H | Pass | 3.28 | 22.06 | 22.06 | 0.161 | Inf | 25.34 | 0.34198 | 1 |
| 1712.5MHz_RB 12,#RB L | Pass | 3.28 | 21.02 | 21.02 | 0.126 | Inf | 24.30 | 0.26915 | 1 |
| 1712.5MHz_RB 12,#RB M | Pass | 3.28 | 20.98 | 20.98 | 0.125 | Inf | 24.26 | 0.26669 | 1 |
| 1712.5MHz_RB 12,#RB H | Pass | 3.28 | 20.94 | 20.94 | 0.124 | Inf | 24.22 | 0.26424 | 1 |
| 1732.5MHz_RB 25,#RB 0 | Pass | 3.28 | 21.21 | 21.21 | 0.132 | Inf | 24.49 | 0.28119 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 22.01 | 22.01 | 0.159 | Inf | 25.29 | 0.33806 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 22.29 | 22.29 | 0.169 | Inf | 25.57 | 0.36058 | 1 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1732.5MHz_RB 12,#RB L | Pass | 3.28 | 20.98 | 20.98 | 0.125 | Inf | 24.26 | 0.26669 | 1 |
| 1732.5MHz_RB 12,#RB M | Pass | 3.28 | 21.04 | 21.04 | 0.127 | Inf | 24.32 | 0.27040 | 1 |
| 1732.5MHz_RB 12,#RB H | Pass | 3.28 | 20.73 | 20.73 | 0.118 | Inf | 24.01 | 0.25177 | 1 |
| 1752.5MHz_RB 25,#RB 0 | Pass | 3.28 | 21.00 | 21.00 | 0.126 | Inf | 24.28 | 0.26792 | 1 |
| 1752.5MHz_RB 1,#RB L | Pass | 3.28 | 22.00 | 22.00 | 0.158 | Inf | 25.28 | 0.33729 | 1 |
| 1752.5MHz_RB 1,#RB M | Pass | 3.28 | 21.78 | 21.78 | 0.151 | Inf | 25.06 | 0.32063 | 1 |
| 1752.5MHz_RB 1,#RB H | Pass | 3.28 | 21.87 | 21.87 | 0.154 | Inf | 25.15 | 0.32734 | 1 |
| 1752.5MHz_RB 12,#RB L | Pass | 3.28 | 20.82 | 20.82 | 0.121 | Inf | 24.10 | 0.25704 | 1 |
| 1752.5MHz_RB 12,#RB M | Pass | 3.28 | 20.82 | 20.82 | 0.121 | Inf | 24.10 | 0.25704 | 1 |
| 1752.5MHz_RB 12,#RB H | Pass | 3.28 | 20.87 | 20.87 | 0.122 | Inf | 24.15 | 0.26002 | 1 |
| Band 4_LTE_10MHz_Nss1,OPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1715MHz_RB 50,#RB 0 | Pass | 3.28 | 21.63 | 21.63 | 0.146 | Inf | 24.91 | 0.30974 | 1 |
| 1715MHz_RB 1,#RB L | Pass | 3.28 | 22.25 | 22.25 | 0.168 | Inf | 25.53 | 0.35727 | 1 |
| 1715MHz_RB 1,#RB M | Pass | 3.28 | 22.27 | 22.27 | 0.169 | Inf | 25.55 | 0.35892 | 1 |
| 1715MHz_RB 1,#RB H | Pass | 3.28 | 22.05 | 22.05 | 0.160 | Inf | 25.33 | 0.34119 | 1 |
| 1715MHz_RB 25,#RB L | Pass | 3.28 | 20.98 | 20.98 | 0.125 | Inf | 24.26 | 0.26669 | 1 |
| 1715MHz_RB 25,#RB M | Pass | 3.28 | 20.92 | 20.92 | 0.124 | Inf | 24.20 | 0.26303 | 1 |
| 1715MHz_RB 25,#RB H | Pass | 3.28 | 20.80 | 20.80 | 0.120 | Inf | 24.08 | 0.25586 | 1 |
| 1732.5MHz_RB 50,#RB 0 | Pass | 3.28 | 21.28 | 21.28 | 0.134 | Inf | 24.56 | 0.28576 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 22.22 | 22.22 | 0.167 | Inf | 25.50 | 0.35481 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 22.11 | 22.11 | 0.163 | Inf | 25.39 | 0.34594 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.85 | 21.85 | 0.153 | Inf | 25.13 | 0.32584 | 1 |
| 1732.5MHz_RB 25,#RB L | Pass | 3.28 | 20.93 | 20.93 | 0.124 | Inf | 24.21 | 0.26363 | 1 |
| 1732.5MHz_RB 25,#RB M | Pass | 3.28 | 20.89 | 20.89 | 0.123 | Inf | 24.17 | 0.26122 | 1 |
| 1732.5MHz_RB 25,#RB H | Pass | 3.28 | 20.73 | 20.73 | 0.118 | Inf | 24.01 | 0.25177 | 1 |
| 1750MHz_RB 50,#RB 0 | Pass | 3.28 | 21.01 | 21.01 | 0.126 | Inf | 24.29 | 0.26853 | 1 |
| 1750MHz_RB 1,#RB L | Pass | 3.28 | 22.28 | 22.28 | 0.169 | Inf | 25.56 | 0.35975 | 1 |
| 1750MHz_RB 1,#RB M | Pass | 3.28 | 22.19 | 22.19 | 0.166 | Inf | 25.47 | 0.35237 | 1 |
| 1750MHz_RB 1,#RB H | Pass | 3.28 | 22.14 | 22.14 | 0.164 | Inf | 25.42 | 0.34834 | 1 |
| 1750MHz_RB 25,#RB L | Pass | 3.28 | 20.81 | 20.81 | 0.121 | Inf | 24.09 | 0.25645 | 1 |
| 1750MHz_RB 25,#RB M | Pass | 3.28 | 20.76 | 20.76 | 0.119 | Inf | 24.04 | 0.25351 | 1 |
| 1750MHz_RB 25,#RB H | Pass | 3.28 | 20.63 | 20.63 | 0.116 | Inf | 23.91 | 0.24604 | 1 |
| Band 4_LTE_15MHz_Nss1,OPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1717.5MHz_RB 75,#RB 0 | Pass | 3.28 | 21.78 | 21.78 | 0.151 | Inf | 25.06 | 0.32063 | 1 |
| 1717.5MHz_RB 1,#RB L | Pass | 3.28 | 21.96 | 21.96 | 0.157 | Inf | 25.24 | 0.33420 | 1 |
| 1717.5MHz_RB 1,#RB M | Pass | 3.28 | 21.95 | 21.95 | 0.157 | Inf | 25.23 | 0.33343 | 1 |
| 1717.5MHz_RB 1,#RB H | Pass | 3.28 | 22.04 | 22.04 | 0.160 | Inf | 25.32 | 0.34041 | 1 |
| 1717.5MHz_RB 36,#RB L | Pass | 3.28 | 20.71 | 20.71 | 0.118 | Inf | 23.99 | 0.25061 | 1 |
| 1717.5MHz_RB 36,#RB M | Pass | 3.28 | 20.75 | 20.75 | 0.119 | Inf | 24.03 | 0.25293 | 1 |
| 1717.5MHz_RB 36,#RB H | Pass | 3.28 | 20.76 | 20.76 | 0.119 | Inf | 24.04 | 0.25351 | 1 |
| 1732.5MHz_RB 75,#RB 0 | Pass | 3.28 | 21.03 | 21.03 | 0.127 | Inf | 24.31 | 0.26977 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.99 | 21.99 | 0.158 | Inf | 25.27 | 0.33651 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.99 | 21.99 | 0.158 | Inf | 25.27 | 0.33651 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.97 | 21.97 | 0.157 | Inf | 25.25 | 0.33497 | 1 |
| 1732.5MHz_RB 36,#RB L | Pass | 3.28 | 20.67 | 20.67 | 0.117 | Inf | 23.95 | 0.24831 | 1 |
| 1732.5MHz_RB 36,#RB M | Pass | 3.28 | 20.75 | 20.75 | 0.119 | Inf | 24.03 | 0.25293 | 1 |
| 1732.5MHz_RB 36,#RB H | Pass | 3.28 | 20.69 | 20.69 | 0.117 | Inf | 23.97 | 0.24946 | 1 |
| 1747.5MHz_RB 75,#RB 0 | Pass | 3.28 | 20.79 | 20.79 | 0.120 | Inf | 24.07 | 0.25527 | 1 |
| 1747.5MHz_RB 1,#RB L | Pass | 3.28 | 22.08 | 22.08 | 0.161 | Inf | 25.36 | 0.34356 | 1 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|----------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1747.5MHz_RB 1,#RB M | Pass | 3.28 | 21.97 | 21.97 | 0.157 | Inf | 25.25 | 0.33497 | 1 |
| 1747.5MHz_RB 1,#RB H | Pass | 3.28 | 21.88 | 21.88 | 0.154 | Inf | 25.16 | 0.32810 | 1 |
| 1747.5MHz_RB 36,#RB L | Pass | 3.28 | 20.75 | 20.75 | 0.119 | Inf | 24.03 | 0.25293 | 1 |
| 1747.5MHz_RB 36,#RB M | Pass | 3.28 | 20.84 | 20.84 | 0.121 | Inf | 24.12 | 0.25823 | 1 |
| 1747.5MHz_RB 36,#RB H | Pass | 3.28 | 20.67 | 20.67 | 0.117 | Inf | 23.95 | 0.24831 | 1 |
| Band 4_LTE_20MHz_Nss1.OPSK_1TX | - | - | - | - | - | - | - | - | - |
| 1720MHz_RB 100,#RB O | Pass | 3.28 | 21.33 | 21.33 | 0.136 | Inf | 24.61 | 0.28907 | 1 |
| 1720MHz_RB 1,#RB L | Pass | 3.28 | 22.09 | 22.09 | 0.162 | Inf | 25.37 | 0.34435 | 1 |
| 1720MHz_RB 1,#RB M | Pass | 3.28 | 22.21 | 22.21 | 0.166 | Inf | 25.49 | 0.35400 | 1 |
| 1720MHz_RB 1,#RB H | Pass | 3.28 | 21.79 | 21.79 | 0.151 | Inf | 25.07 | 0.32137 | 1 |
| 1720MHz_RB 50,#RB L | Pass | 3.28 | 20.74 | 20.74 | 0.119 | Inf | 24.02 | 0.25235 | 1 |
| 1720MHz_RB 50,#RB M | Pass | 3.28 | 20.92 | 20.92 | 0.124 | Inf | 24.20 | 0.26303 | 1 |
| 1720MHz_RB 50,#RB H | Pass | 3.28 | 20.92 | 20.92 | 0.124 | Inf | 24.20 | 0.26303 | 1 |
| 1732.5MHz_RB 100,#RB O | Pass | 3.28 | 21.36 | 21.36 | 0.137 | Inf | 24.64 | 0.29107 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 22.40 | 22.40 | 0.174 | Inf | 25.68 | 0.36983 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 22.10 | 22.10 | 0.162 | Inf | 25.38 | 0.34514 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1732.5MHz_RB 50,#RB L | Pass | 3.28 | 20.71 | 20.71 | 0.118 | Inf | 23.99 | 0.25061 | 1 |
| 1732.5MHz_RB 50,#RB M | Pass | 3.28 | 20.74 | 20.74 | 0.119 | Inf | 24.02 | 0.25235 | 1 |
| 1732.5MHz_RB 50,#RB H | Pass | 3.28 | 20.74 | 20.74 | 0.119 | Inf | 24.02 | 0.25235 | 1 |
| 1745MHz_RB 100,#RB O | Pass | 3.28 | 21.02 | 21.02 | 0.126 | Inf | 24.30 | 0.26915 | 1 |
| 1745MHz_RB 1,#RB L | Pass | 3.28 | 22.45 | 22.45 | 0.176 | Inf | 25.73 | 0.37411 | 1 |
| 1745MHz_RB 1,#RB M | Pass | 3.28 | 22.22 | 22.22 | 0.167 | Inf | 25.50 | 0.35481 | 1 |
| 1745MHz_RB 1,#RB H | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1745MHz_RB 50,#RB L | Pass | 3.28 | 20.82 | 20.82 | 0.121 | Inf | 24.10 | 0.25704 | 1 |
| 1745MHz_RB 50,#RB M | Pass | 3.28 | 20.74 | 20.74 | 0.119 | Inf | 24.02 | 0.25235 | 1 |
| 1745MHz_RB 50,#RB H | Pass | 3.28 | 20.58 | 20.58 | 0.114 | Inf | 23.86 | 0.24322 | 1 |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1710.7MHz_RB 6,#RB O | Pass | 3.28 | 20.83 | 20.83 | 0.121 | Inf | 24.11 | 0.25763 | 1 |
| 1710.7MHz_RB 1,#RB L | Pass | 3.28 | 21.63 | 21.63 | 0.146 | Inf | 24.91 | 0.30974 | 1 |
| 1710.7MHz_RB 1,#RB M | Pass | 3.28 | 22.14 | 22.14 | 0.164 | Inf | 25.42 | 0.34834 | 1 |
| 1710.7MHz_RB 1,#RB H | Pass | 3.28 | 21.91 | 21.91 | 0.155 | Inf | 25.19 | 0.33037 | 1 |
| 1710.7MHz_RB 3,#RB L | Pass | 3.28 | 21.92 | 21.92 | 0.156 | Inf | 25.20 | 0.33113 | 1 |
| 1710.7MHz_RB 3,#RB M | Pass | 3.28 | 21.96 | 21.96 | 0.157 | Inf | 25.24 | 0.33420 | 1 |
| 1710.7MHz_RB 3,#RB H | Pass | 3.28 | 21.91 | 21.91 | 0.155 | Inf | 25.19 | 0.33037 | 1 |
| 1732.5MHz_RB 6,#RB O | Pass | 3.28 | 20.69 | 20.69 | 0.117 | Inf | 23.97 | 0.24946 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.86 | 21.86 | 0.153 | Inf | 25.14 | 0.32659 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.82 | 21.82 | 0.152 | Inf | 25.10 | 0.32359 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.55 | 21.55 | 0.143 | Inf | 24.83 | 0.30409 | 1 |
| 1732.5MHz_RB 3,#RB L | Pass | 3.28 | 21.86 | 21.86 | 0.153 | Inf | 25.14 | 0.32659 | 1 |
| 1732.5MHz_RB 3,#RB M | Pass | 3.28 | 22.06 | 22.06 | 0.161 | Inf | 25.34 | 0.34198 | 1 |
| 1732.5MHz_RB 3,#RB H | Pass | 3.28 | 21.59 | 21.59 | 0.144 | Inf | 24.87 | 0.30690 | 1 |
| 1754.3MHz_RB 6,#RB O | Pass | 3.28 | 21.06 | 21.06 | 0.128 | Inf | 24.34 | 0.27164 | 1 |
| 1754.3MHz_RB 1,#RB L | Pass | 3.28 | 21.63 | 21.63 | 0.146 | Inf | 24.91 | 0.30974 | 1 |
| 1754.3MHz_RB 1,#RB M | Pass | 3.28 | 21.77 | 21.77 | 0.150 | Inf | 25.05 | 0.31989 | 1 |
| 1754.3MHz_RB 1,#RB H | Pass | 3.28 | 21.72 | 21.72 | 0.149 | Inf | 25.00 | 0.31623 | 1 |
| 1754.3MHz_RB 3,#RB L | Pass | 3.28 | 21.40 | 21.40 | 0.138 | Inf | 24.68 | 0.29376 | 1 |
| 1754.3MHz_RB 3,#RB M | Pass | 3.28 | 21.87 | 21.87 | 0.154 | Inf | 25.15 | 0.32734 | 1 |
| 1754.3MHz_RB 3,#RB H | Pass | 3.28 | 21.45 | 21.45 | 0.140 | Inf | 24.73 | 0.29717 | 1 |



| Mode | Result | DG (dB) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|---------|--------------|-------------|-----------|----------------|------------|----------|---------------|
| Band 4_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 3.28 | 21.06 | 21.06 | 0.128 | Inf | 24.34 | 0.27164 | 1 |
| 1711.5MHz_RB 1,#RB L | Pass | 3.28 | 21.75 | 21.75 | 0.150 | Inf | 25.03 | 0.31842 | 1 |
| 1711.5MHz_RB 1,#RB M | Pass | 3.28 | 21.62 | 21.62 | 0.145 | Inf | 24.90 | 0.30903 | 1 |
| 1711.5MHz_RB 1,#RB H | Pass | 3.28 | 22.04 | 22.04 | 0.160 | Inf | 25.32 | 0.34041 | 1 |
| 1711.5MHz_RB 8,#RB L | Pass | 3.28 | 21.04 | 21.04 | 0.127 | Inf | 24.32 | 0.27040 | 1 |
| 1711.5MHz_RB 8,#RB M | Pass | 3.28 | 21.10 | 21.10 | 0.129 | Inf | 24.38 | 0.27416 | 1 |
| 1711.5MHz_RB 8,#RB H | Pass | 3.28 | 20.99 | 20.99 | 0.126 | Inf | 24.27 | 0.26730 | 1 |
| 1732.5MHz_RB 15,#RB 0 | Pass | 3.28 | 20.84 | 20.84 | 0.121 | Inf | 24.12 | 0.25823 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.56 | 21.56 | 0.143 | Inf | 24.84 | 0.30479 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.54 | 21.54 | 0.143 | Inf | 24.82 | 0.30339 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.59 | 21.59 | 0.144 | Inf | 24.87 | 0.30690 | 1 |
| 1732.5MHz_RB 8,#RB L | Pass | 3.28 | 20.93 | 20.93 | 0.124 | Inf | 24.21 | 0.26363 | 1 |
| 1732.5MHz_RB 8,#RB M | Pass | 3.28 | 20.95 | 20.95 | 0.124 | Inf | 24.23 | 0.26485 | 1 |
| 1732.5MHz_RB 8,#RB H | Pass | 3.28 | 20.80 | 20.80 | 0.120 | Inf | 24.08 | 0.25586 | 1 |
| 1753.5MHz_RB 15,#RB 0 | Pass | 3.28 | 20.68 | 20.68 | 0.117 | Inf | 23.96 | 0.24889 | 1 |
| 1753.5MHz_RB 1,#RB L | Pass | 3.28 | 21.39 | 21.39 | 0.138 | Inf | 24.67 | 0.29309 | 1 |
| 1753.5MHz_RB 1,#RB M | Pass | 3.28 | 21.25 | 21.25 | 0.133 | Inf | 24.53 | 0.28379 | 1 |
| 1753.5MHz_RB 1,#RB H | Pass | 3.28 | 21.51 | 21.51 | 0.142 | Inf | 24.79 | 0.30130 | 1 |
| 1753.5MHz_RB 8,#RB L | Pass | 3.28 | 20.85 | 20.85 | 0.122 | Inf | 24.13 | 0.25882 | 1 |
| 1753.5MHz_RB 8,#RB M | Pass | 3.28 | 21.17 | 21.17 | 0.131 | Inf | 24.45 | 0.27861 | 1 |
| 1753.5MHz_RB 8,#RB H | Pass | 3.28 | 20.80 | 20.80 | 0.120 | Inf | 24.08 | 0.25586 | 1 |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 3.28 | 20.85 | 20.85 | 0.122 | Inf | 24.13 | 0.25882 | 1 |
| 1712.5MHz_RB 1,#RB L | Pass | 3.28 | 21.53 | 21.53 | 0.142 | Inf | 24.81 | 0.30269 | 1 |
| 1712.5MHz_RB 1,#RB M | Pass | 3.28 | 21.58 | 21.58 | 0.144 | Inf | 24.86 | 0.30620 | 1 |
| 1712.5MHz_RB 1,#RB H | Pass | 3.28 | 22.34 | 22.34 | 0.171 | Inf | 25.62 | 0.36475 | 1 |
| 1712.5MHz_RB 12,#RB L | Pass | 3.28 | 20.67 | 20.67 | 0.117 | Inf | 23.95 | 0.24831 | 1 |
| 1712.5MHz_RB 12,#RB M | Pass | 3.28 | 20.62 | 20.62 | 0.115 | Inf | 23.90 | 0.24547 | 1 |
| 1712.5MHz_RB 12,#RB H | Pass | 3.28 | 20.78 | 20.78 | 0.120 | Inf | 24.06 | 0.25468 | 1 |
| 1732.5MHz_RB 25,#RB 0 | Pass | 3.28 | 20.87 | 20.87 | 0.122 | Inf | 24.15 | 0.26002 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.31 | 21.31 | 0.135 | Inf | 24.59 | 0.28774 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.12 | 21.12 | 0.129 | Inf | 24.40 | 0.27542 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.38 | 21.38 | 0.137 | Inf | 24.66 | 0.29242 | 1 |
| 1732.5MHz_RB 12,#RB L | Pass | 3.28 | 20.58 | 20.58 | 0.114 | Inf | 23.86 | 0.24322 | 1 |
| 1732.5MHz_RB 12,#RB M | Pass | 3.28 | 20.44 | 20.44 | 0.111 | Inf | 23.72 | 0.23550 | 1 |
| 1732.5MHz_RB 12,#RB H | Pass | 3.28 | 20.45 | 20.45 | 0.111 | Inf | 23.73 | 0.23605 | 1 |
| 1752.5MHz_RB 25,#RB 0 | Pass | 3.28 | 20.84 | 20.84 | 0.121 | Inf | 24.12 | 0.25823 | 1 |
| 1752.5MHz_RB 1,#RB L | Pass | 3.28 | 21.38 | 21.38 | 0.137 | Inf | 24.66 | 0.29242 | 1 |
| 1752.5MHz_RB 1,#RB M | Pass | 3.28 | 21.10 | 21.10 | 0.129 | Inf | 24.38 | 0.27416 | 1 |
| 1752.5MHz_RB 1,#RB H | Pass | 3.28 | 21.54 | 21.54 | 0.143 | Inf | 24.82 | 0.30339 | 1 |
| 1752.5MHz_RB 12,#RB L | Pass | 3.28 | 20.60 | 20.60 | 0.115 | Inf | 23.88 | 0.24434 | 1 |
| 1752.5MHz_RB 12,#RB M | Pass | 3.28 | 20.56 | 20.56 | 0.114 | Inf | 23.84 | 0.24210 | 1 |
| 1752.5MHz_RB 12,#RB H | Pass | 3.28 | 20.72 | 20.72 | 0.118 | Inf | 24.00 | 0.25119 | 1 |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1715MHz_RB 1,#RB L | Pass | 3.28 | 21.27 | 21.27 | 0.134 | Inf | 24.55 | 0.28510 | 1 |
| 1715MHz_RB 1,#RB M | Pass | 3.28 | 21.47 | 21.47 | 0.140 | Inf | 24.75 | 0.29854 | 1 |
| 1715MHz_RB 1,#RB H | Pass | 3.28 | 20.94 | 20.94 | 0.124 | Inf | 24.22 | 0.26424 | 1 |
| 1715MHz_RB 25,#RB L | Pass | 3.28 | 20.77 | 20.77 | 0.119 | Inf | 24.05 | 0.25410 | 1 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 1715MHz_RB 25,#RB M | Pass | 3.28 | 20.65 | 20.65 | 0.116 | Inf | 23.93 | 0.24717 | 1 |
| 1715MHz_RB 25,#RB H | Pass | 3.28 | 20.74 | 20.74 | 0.119 | Inf | 24.02 | 0.25235 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.14 | 21.14 | 0.130 | Inf | 24.42 | 0.27669 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.47 | 21.47 | 0.140 | Inf | 24.75 | 0.29854 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.06 | 21.06 | 0.128 | Inf | 24.34 | 0.27164 | 1 |
| 1732.5MHz_RB 25,#RB L | Pass | 3.28 | 20.58 | 20.58 | 0.114 | Inf | 23.86 | 0.24322 | 1 |
| 1732.5MHz_RB 25,#RB M | Pass | 3.28 | 20.44 | 20.44 | 0.111 | Inf | 23.72 | 0.23550 | 1 |
| 1732.5MHz_RB 25,#RB H | Pass | 3.28 | 20.48 | 20.48 | 0.112 | Inf | 23.76 | 0.23768 | 1 |
| 1750MHz_RB 1,#RB L | Pass | 3.28 | 20.92 | 20.92 | 0.124 | Inf | 24.20 | 0.26303 | 1 |
| 1750MHz_RB 1,#RB M | Pass | 3.28 | 21.22 | 21.22 | 0.132 | Inf | 24.50 | 0.28184 | 1 |
| 1750MHz_RB 1,#RB H | Pass | 3.28 | 21.42 | 21.42 | 0.139 | Inf | 24.70 | 0.29512 | 1 |
| 1750MHz_RB 25,#RB L | Pass | 3.28 | 20.45 | 20.45 | 0.111 | Inf | 23.73 | 0.23605 | 1 |
| 1750MHz_RB 25,#RB M | Pass | 3.28 | 20.45 | 20.45 | 0.111 | Inf | 23.73 | 0.23605 | 1 |
| 1750MHz_RB 25,#RB H | Pass | 3.28 | 20.67 | 20.67 | 0.117 | Inf | 23.95 | 0.24831 | 1 |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1717.5MHz_RB 1,#RB L | Pass | 3.28 | 21.45 | 21.45 | 0.140 | Inf | 24.73 | 0.29717 | 1 |
| 1717.5MHz_RB 1,#RB M | Pass | 3.28 | 21.37 | 21.37 | 0.137 | Inf | 24.65 | 0.29174 | 1 |
| 1717.5MHz_RB 1,#RB H | Pass | 3.28 | 21.37 | 21.37 | 0.137 | Inf | 24.65 | 0.29174 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.26 | 21.26 | 0.134 | Inf | 24.54 | 0.28445 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 20.95 | 20.95 | 0.124 | Inf | 24.23 | 0.26485 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.22 | 21.22 | 0.132 | Inf | 24.50 | 0.28184 | 1 |
| 1747.5MHz_RB 1,#RB L | Pass | 3.28 | 21.34 | 21.34 | 0.136 | Inf | 24.62 | 0.28973 | 1 |
| 1747.5MHz_RB 1,#RB M | Pass | 3.28 | 21.22 | 21.22 | 0.132 | Inf | 24.50 | 0.28184 | 1 |
| 1747.5MHz_RB 1,#RB H | Pass | 3.28 | 21.27 | 21.27 | 0.134 | Inf | 24.55 | 0.28510 | 1 |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 1720MHz_RB 1,#RB L | Pass | 3.28 | 21.37 | 21.37 | 0.137 | Inf | 24.65 | 0.29174 | 1 |
| 1720MHz_RB 1,#RB M | Pass | 3.28 | 21.50 | 21.50 | 0.141 | Inf | 24.78 | 0.30061 | 1 |
| 1720MHz_RB 1,#RB H | Pass | 3.28 | 21.33 | 21.33 | 0.136 | Inf | 24.61 | 0.28907 | 1 |
| 1732.5MHz_RB 1,#RB L | Pass | 3.28 | 21.15 | 21.15 | 0.130 | Inf | 24.43 | 0.27733 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 3.28 | 21.22 | 21.22 | 0.132 | Inf | 24.50 | 0.28184 | 1 |
| 1732.5MHz_RB 1,#RB H | Pass | 3.28 | 21.16 | 21.16 | 0.131 | Inf | 24.44 | 0.27797 | 1 |
| 1745MHz_RB 1,#RB L | Pass | 3.28 | 21.27 | 21.27 | 0.134 | Inf | 24.55 | 0.28510 | 1 |
| 1745MHz_RB 1,#RB M | Pass | 3.28 | 21.37 | 21.37 | 0.137 | Inf | 24.65 | 0.29174 | 1 |
| 1745MHz_RB 1,#RB H | Pass | 3.28 | 21.39 | 21.39 | 0.138 | Inf | 24.67 | 0.29309 | 1 |
| Band 7_LTE_5MHz_Nss1,OPSK_1TX | - | - | - | - | - | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 3.80 | 21.22 | 21.22 | 0.132 | Inf | 25.02 | 0.31769 | 2 |
| 2502.5MHz_RB 1,#RB L | Pass | 3.80 | 22.11 | 22.11 | 0.163 | Inf | 25.91 | 0.38994 | 2 |
| 2502.5MHz_RB 1,#RB M | Pass | 3.80 | 22.15 | 22.15 | 0.164 | Inf | 25.95 | 0.39355 | 2 |
| 2502.5MHz_RB 1,#RB H | Pass | 3.80 | 22.02 | 22.02 | 0.159 | Inf | 25.82 | 0.38194 | 2 |
| 2502.5MHz_RB 12,#RB L | Pass | 3.80 | 21.20 | 21.20 | 0.132 | Inf | 25.00 | 0.31623 | 2 |
| 2502.5MHz_RB 12,#RB M | Pass | 3.80 | 20.90 | 20.90 | 0.123 | Inf | 24.70 | 0.29512 | 2 |
| 2502.5MHz_RB 12,#RB H | Pass | 3.80 | 20.98 | 20.98 | 0.125 | Inf | 24.78 | 0.30061 | 2 |
| 2535MHz_RB 25,#RB 0 | Pass | 3.80 | 21.53 | 21.53 | 0.142 | Inf | 25.33 | 0.34119 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 22.73 | 22.73 | 0.187 | Inf | 26.53 | 0.44978 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 22.37 | 22.37 | 0.173 | Inf | 26.17 | 0.41400 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 22.17 | 22.17 | 0.165 | Inf | 25.97 | 0.39537 | 2 |
| 2535MHz_RB 12,#RB L | Pass | 3.80 | 21.17 | 21.17 | 0.131 | Inf | 24.97 | 0.31405 | 2 |
| 2535MHz_RB 12,#RB M | Pass | 3.80 | 21.25 | 21.25 | 0.133 | Inf | 25.05 | 0.31989 | 2 |
| 2535MHz_RB 12,#RB H | Pass | 3.80 | 21.24 | 21.24 | 0.133 | Inf | 25.04 | 0.31915 | 2 |



| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|--------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2567.5MHz_RB 25,#RB 0 | Pass | 3.80 | 21.80 | 21.80 | 0.151 | Inf | 25.60 | 0.36308 | 2 |
| 2567.5MHz_RB 1,#RB L | Pass | 3.80 | 22.84 | 22.84 | 0.192 | Inf | 26.64 | 0.46132 | 2 |
| 2567.5MHz_RB 1,#RB M | Pass | 3.80 | 22.13 | 22.13 | 0.163 | Inf | 25.93 | 0.39174 | 2 |
| 2567.5MHz_RB 1,#RB H | Pass | 3.80 | 21.87 | 21.87 | 0.154 | Inf | 25.67 | 0.36898 | 2 |
| 2567.5MHz_RB 12,#RB L | Pass | 3.80 | 20.90 | 20.90 | 0.123 | Inf | 24.70 | 0.29512 | 2 |
| 2567.5MHz_RB 12,#RB M | Pass | 3.80 | 20.84 | 20.84 | 0.121 | Inf | 24.64 | 0.29107 | 2 |
| 2567.5MHz_RB 12,#RB H | Pass | 3.80 | 20.79 | 20.79 | 0.120 | Inf | 24.59 | 0.28774 | 2 |
| Band 7_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 2505MHz_RB 50,#RB 0 | Pass | 3.80 | 20.83 | 20.83 | 0.121 | Inf | 24.63 | 0.29040 | 2 |
| 2505MHz_RB 1,#RB L | Pass | 3.80 | 21.99 | 21.99 | 0.158 | Inf | 25.79 | 0.37931 | 2 |
| 2505MHz_RB 1,#RB M | Pass | 3.80 | 21.99 | 21.99 | 0.158 | Inf | 25.79 | 0.37931 | 2 |
| 2505MHz_RB 1,#RB H | Pass | 3.80 | 21.90 | 21.90 | 0.155 | Inf | 25.70 | 0.37154 | 2 |
| 2505MHz_RB 25,#RB L | Pass | 3.80 | 20.82 | 20.82 | 0.121 | Inf | 24.62 | 0.28973 | 2 |
| 2505MHz_RB 25,#RB M | Pass | 3.80 | 20.79 | 20.79 | 0.120 | Inf | 24.59 | 0.28774 | 2 |
| 2505MHz_RB 25,#RB H | Pass | 3.80 | 20.73 | 20.73 | 0.118 | Inf | 24.53 | 0.28379 | 2 |
| 2535MHz_RB 50,#RB 0 | Pass | 3.80 | 21.13 | 21.13 | 0.130 | Inf | 24.93 | 0.31117 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 22.28 | 22.28 | 0.169 | Inf | 26.08 | 0.40551 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 22.33 | 22.33 | 0.171 | Inf | 26.13 | 0.41020 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 22.05 | 22.05 | 0.160 | Inf | 25.85 | 0.38459 | 2 |
| 2535MHz_RB 25,#RB L | Pass | 3.80 | 21.19 | 21.19 | 0.132 | Inf | 24.99 | 0.31550 | 2 |
| 2535MHz_RB 25,#RB M | Pass | 3.80 | 20.95 | 20.95 | 0.124 | Inf | 24.75 | 0.29854 | 2 |
| 2535MHz_RB 25,#RB H | Pass | 3.80 | 21.04 | 21.04 | 0.127 | Inf | 24.84 | 0.30479 | 2 |
| 2565MHz_RB 50,#RB 0 | Pass | 3.80 | 20.79 | 20.79 | 0.120 | Inf | 24.59 | 0.28774 | 2 |
| 2565MHz_RB 1,#RB L | Pass | 3.80 | 22.19 | 22.19 | 0.166 | Inf | 25.99 | 0.39719 | 2 |
| 2565MHz_RB 1,#RB M | Pass | 3.80 | 22.29 | 22.29 | 0.169 | Inf | 26.09 | 0.40644 | 2 |
| 2565MHz_RB 1,#RB H | Pass | 3.80 | 22.25 | 22.25 | 0.168 | Inf | 26.05 | 0.40272 | 2 |
| 2565MHz_RB 25,#RB L | Pass | 3.80 | 21.10 | 21.10 | 0.129 | Inf | 24.90 | 0.30903 | 2 |
| 2565MHz_RB 25,#RB M | Pass | 3.80 | 21.18 | 21.18 | 0.131 | Inf | 24.98 | 0.31477 | 2 |
| 2565MHz_RB 25,#RB H | Pass | 3.80 | 21.13 | 21.13 | 0.130 | Inf | 24.93 | 0.31117 | 2 |
| Band 7_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 2507.5MHz_RB 75,#RB 0 | Pass | 3.80 | 21.24 | 21.24 | 0.133 | Inf | 25.04 | 0.31915 | 2 |
| 2507.5MHz_RB 1,#RB L | Pass | 3.80 | 22.25 | 22.25 | 0.168 | Inf | 26.05 | 0.40272 | 2 |
| 2507.5MHz_RB 1,#RB M | Pass | 3.80 | 21.87 | 21.87 | 0.154 | Inf | 25.67 | 0.36898 | 2 |
| 2507.5MHz_RB 1,#RB H | Pass | 3.80 | 21.96 | 21.96 | 0.157 | Inf | 25.76 | 0.37670 | 2 |
| 2507.5MHz_RB 36,#RB L | Pass | 3.80 | 20.85 | 20.85 | 0.122 | Inf | 24.65 | 0.29174 | 2 |
| 2507.5MHz_RB 36,#RB M | Pass | 3.80 | 20.83 | 20.83 | 0.121 | Inf | 24.63 | 0.29040 | 2 |
| 2507.5MHz_RB 36,#RB H | Pass | 3.80 | 20.83 | 20.83 | 0.121 | Inf | 24.63 | 0.29040 | 2 |
| 2535MHz_RB 75,#RB 0 | Pass | 3.80 | 21.76 | 21.76 | 0.150 | Inf | 25.56 | 0.35975 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 22.23 | 22.23 | 0.167 | Inf | 26.03 | 0.40087 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 22.15 | 22.15 | 0.164 | Inf | 25.95 | 0.39355 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 22.18 | 22.18 | 0.165 | Inf | 25.98 | 0.39628 | 2 |
| 2535MHz_RB 36,#RB L | Pass | 3.80 | 21.19 | 21.19 | 0.132 | Inf | 24.99 | 0.31550 | 2 |
| 2535MHz_RB 36,#RB M | Pass | 3.80 | 21.15 | 21.15 | 0.130 | Inf | 24.95 | 0.31261 | 2 |
| 2535MHz_RB 36,#RB H | Pass | 3.80 | 21.20 | 21.20 | 0.132 | Inf | 25.00 | 0.31623 | 2 |
| 2562.5MHz_RB 75,#RB 0 | Pass | 3.80 | 21.16 | 21.16 | 0.131 | Inf | 24.96 | 0.31333 | 2 |
| 2562.5MHz_RB 1,#RB L | Pass | 3.80 | 22.12 | 22.12 | 0.163 | Inf | 25.92 | 0.39084 | 2 |
| 2562.5MHz_RB 1,#RB M | Pass | 3.80 | 21.78 | 21.78 | 0.151 | Inf | 25.58 | 0.36141 | 2 |
| 2562.5MHz_RB 1,#RB H | Pass | 3.80 | 21.63 | 21.63 | 0.146 | Inf | 25.43 | 0.34914 | 2 |
| 2562.5MHz_RB 36,#RB L | Pass | 3.80 | 20.84 | 20.84 | 0.121 | Inf | 24.64 | 0.29107 | 2 |



Average Power_4G

Appendix A.3

| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2562.5MHz_RB 36,#RB M | Pass | 3.80 | 20.81 | 20.81 | 0.121 | Inf | 24.61 | 0.28907 | 2 |
| 2562.5MHz_RB 36,#RB H | Pass | 3.80 | 20.86 | 20.86 | 0.122 | Inf | 24.66 | 0.29242 | 2 |
| Band 7_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - | - | - | - | - | - |
| 2510MHz_RB 100,#RB 0 | Pass | 3.80 | 21.22 | 21.22 | 0.132 | Inf | 25.02 | 0.31769 | 2 |
| 2510MHz_RB 1,#RB L | Pass | 3.80 | 22.10 | 22.10 | 0.162 | Inf | 25.90 | 0.38905 | 2 |
| 2510MHz_RB 1,#RB M | Pass | 3.80 | 21.93 | 21.93 | 0.156 | Inf | 25.73 | 0.37411 | 2 |
| 2510MHz_RB 1,#RB H | Pass | 3.80 | 22.10 | 22.10 | 0.162 | Inf | 25.90 | 0.38905 | 2 |
| 2510MHz_RB 50,#RB L | Pass | 3.80 | 20.96 | 20.96 | 0.125 | Inf | 24.76 | 0.29923 | 2 |
| 2510MHz_RB 50,#RB M | Pass | 3.80 | 20.78 | 20.78 | 0.120 | Inf | 24.58 | 0.28708 | 2 |
| 2510MHz_RB 50,#RB H | Pass | 3.80 | 20.80 | 20.80 | 0.120 | Inf | 24.60 | 0.28840 | 2 |
| 2535MHz_RB 100,#RB 0 | Pass | 3.80 | 21.43 | 21.43 | 0.139 | Inf | 25.23 | 0.33343 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 22.32 | 22.32 | 0.171 | Inf | 26.12 | 0.40926 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 22.33 | 22.33 | 0.171 | Inf | 26.13 | 0.41020 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 22.22 | 22.22 | 0.167 | Inf | 26.02 | 0.39994 | 2 |
| 2535MHz_RB 50,#RB L | Pass | 3.80 | 21.12 | 21.12 | 0.129 | Inf | 24.92 | 0.31046 | 2 |
| 2535MHz_RB 50,#RB M | Pass | 3.80 | 21.12 | 21.12 | 0.129 | Inf | 24.92 | 0.31046 | 2 |
| 2535MHz_RB 50,#RB H | Pass | 3.80 | 21.08 | 21.08 | 0.128 | Inf | 24.88 | 0.30761 | 2 |
| 2560MHz_RB 100,#RB 0 | Pass | 3.80 | 21.20 | 21.20 | 0.132 | Inf | 25.00 | 0.31623 | 2 |
| 2560MHz_RB 1,#RB L | Pass | 3.80 | 22.58 | 22.58 | 0.181 | Inf | 26.38 | 0.43451 | 2 |
| 2560MHz_RB 1,#RB M | Pass | 3.80 | 22.05 | 22.05 | 0.160 | Inf | 25.85 | 0.38459 | 2 |
| 2560MHz_RB 1,#RB H | Pass | 3.80 | 21.99 | 21.99 | 0.158 | Inf | 25.79 | 0.37931 | 2 |
| 2560MHz_RB 50,#RB L | Pass | 3.80 | 20.90 | 20.90 | 0.123 | Inf | 24.70 | 0.29512 | 2 |
| 2560MHz_RB 50,#RB M | Pass | 3.80 | 20.77 | 20.77 | 0.119 | Inf | 24.57 | 0.28642 | 2 |
| 2560MHz_RB 50,#RB H | Pass | 3.80 | 20.67 | 20.67 | 0.117 | Inf | 24.47 | 0.27990 | 2 |
| Band 7_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 3.80 | 19.94 | 19.94 | 0.099 | Inf | 23.74 | 0.23659 | 2 |
| 2502.5MHz_RB 1,#RB L | Pass | 3.80 | 20.68 | 20.68 | 0.117 | Inf | 24.48 | 0.28054 | 2 |
| 2502.5MHz_RB 1,#RB M | Pass | 3.80 | 20.49 | 20.49 | 0.112 | Inf | 24.29 | 0.26853 | 2 |
| 2502.5MHz_RB 1,#RB H | Pass | 3.80 | 20.52 | 20.52 | 0.113 | Inf | 24.32 | 0.27040 | 2 |
| 2502.5MHz_RB 12,#RB L | Pass | 3.80 | 19.69 | 19.69 | 0.093 | Inf | 23.49 | 0.22336 | 2 |
| 2502.5MHz_RB 12,#RB M | Pass | 3.80 | 19.65 | 19.65 | 0.092 | Inf | 23.45 | 0.22131 | 2 |
| 2502.5MHz_RB 12,#RB H | Pass | 3.80 | 19.63 | 19.63 | 0.092 | Inf | 23.43 | 0.22029 | 2 |
| 2535MHz_RB 25,#RB 0 | Pass | 3.80 | 20.32 | 20.32 | 0.108 | Inf | 24.12 | 0.25823 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 20.90 | 20.90 | 0.123 | Inf | 24.70 | 0.29512 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 20.86 | 20.86 | 0.122 | Inf | 24.66 | 0.29242 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 20.95 | 20.95 | 0.124 | Inf | 24.75 | 0.29854 | 2 |
| 2535MHz_RB 12,#RB L | Pass | 3.80 | 19.90 | 19.90 | 0.098 | Inf | 23.70 | 0.23442 | 2 |
| 2535MHz_RB 12,#RB M | Pass | 3.80 | 19.96 | 19.96 | 0.099 | Inf | 23.76 | 0.23768 | 2 |
| 2535MHz_RB 12,#RB H | Pass | 3.80 | 20.15 | 20.15 | 0.104 | Inf | 23.95 | 0.24831 | 2 |
| 2567.5MHz_RB 25,#RB 0 | Pass | 3.80 | 19.98 | 19.98 | 0.100 | Inf | 23.78 | 0.23878 | 2 |
| 2567.5MHz_RB 1,#RB L | Pass | 3.80 | 21.05 | 21.05 | 0.127 | Inf | 24.85 | 0.30549 | 2 |
| 2567.5MHz_RB 1,#RB M | Pass | 3.80 | 20.97 | 20.97 | 0.125 | Inf | 24.77 | 0.29992 | 2 |
| 2567.5MHz_RB 1,#RB H | Pass | 3.80 | 20.37 | 20.37 | 0.109 | Inf | 24.17 | 0.26122 | 2 |
| 2567.5MHz_RB 12,#RB L | Pass | 3.80 | 19.86 | 19.86 | 0.097 | Inf | 23.66 | 0.23227 | 2 |
| 2567.5MHz_RB 12,#RB M | Pass | 3.80 | 19.79 | 19.79 | 0.095 | Inf | 23.59 | 0.22856 | 2 |
| 2567.5MHz_RB 12,#RB H | Pass | 3.80 | 19.64 | 19.64 | 0.092 | Inf | 23.44 | 0.22080 | 2 |
| Band 7_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 2505MHz_RB 1,#RB L | Pass | 3.80 | 20.71 | 20.71 | 0.118 | Inf | 24.51 | 0.28249 | 2 |
| 2505MHz_RB 1,#RB M | Pass | 3.80 | 19.96 | 19.96 | 0.099 | Inf | 23.76 | 0.23768 | 2 |



Average Power_4G

Appendix A.3

| Mode | Result | DG (dBi) | Port 1 (dBm) | Power (dBm) | Power (W) | Power Lim. (W) | EIRP (dBm) | EIRP (W) | EIRP Lim. (W) |
|---------------------------------|--------|-------------|-----------------|----------------|--------------|-------------------|---------------|-------------|------------------|
| 2505MHz_RB 1,#RB H | Pass | 3.80 | 20.36 | 20.36 | 0.109 | Inf | 24.16 | 0.26062 | 2 |
| 2505MHz_RB 25,#RB L | Pass | 3.80 | 19.86 | 19.86 | 0.097 | Inf | 23.66 | 0.23227 | 2 |
| 2505MHz_RB 25,#RB M | Pass | 3.80 | 19.87 | 19.87 | 0.097 | Inf | 23.67 | 0.23281 | 2 |
| 2505MHz_RB 25,#RB H | Pass | 3.80 | 19.85 | 19.85 | 0.097 | Inf | 23.65 | 0.23174 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 21.03 | 21.03 | 0.127 | Inf | 24.83 | 0.30409 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 21.15 | 21.15 | 0.130 | Inf | 24.95 | 0.31261 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 20.96 | 20.96 | 0.125 | Inf | 24.76 | 0.29923 | 2 |
| 2535MHz_RB 25,#RB L | Pass | 3.80 | 20.28 | 20.28 | 0.107 | Inf | 24.08 | 0.25586 | 2 |
| 2535MHz_RB 25,#RB M | Pass | 3.80 | 20.14 | 20.14 | 0.103 | Inf | 23.94 | 0.24774 | 2 |
| 2535MHz_RB 25,#RB H | Pass | 3.80 | 20.24 | 20.24 | 0.106 | Inf | 24.04 | 0.25351 | 2 |
| 2565MHz_RB 1,#RB L | Pass | 3.80 | 21.00 | 21.00 | 0.126 | Inf | 24.80 | 0.30200 | 2 |
| 2565MHz_RB 1,#RB M | Pass | 3.80 | 21.29 | 21.29 | 0.135 | Inf | 25.09 | 0.32285 | 2 |
| 2565MHz_RB 1,#RB H | Pass | 3.80 | 21.10 | 21.10 | 0.129 | Inf | 24.90 | 0.30903 | 2 |
| 2565MHz_RB 25,#RB L | Pass | 3.80 | 20.34 | 20.34 | 0.108 | Inf | 24.14 | 0.25942 | 2 |
| 2565MHz_RB 25,#RB M | Pass | 3.80 | 20.24 | 20.24 | 0.106 | Inf | 24.04 | 0.25351 | 2 |
| 2565MHz_RB 25,#RB H | Pass | 3.80 | 20.39 | 20.39 | 0.109 | Inf | 24.19 | 0.26242 | 2 |
| Band 7_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 2507.5MHz_RB 1,#RB L | Pass | 3.80 | 21.31 | 21.31 | 0.135 | Inf | 25.11 | 0.32434 | 2 |
| 2507.5MHz_RB 1,#RB M | Pass | 3.80 | 21.15 | 21.15 | 0.130 | Inf | 24.95 | 0.31261 | 2 |
| 2507.5MHz_RB 1,#RB H | Pass | 3.80 | 21.09 | 21.09 | 0.129 | Inf | 24.89 | 0.30832 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 21.44 | 21.44 | 0.139 | Inf | 25.24 | 0.33420 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 21.29 | 21.29 | 0.135 | Inf | 25.09 | 0.32285 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 21.57 | 21.57 | 0.144 | Inf | 25.37 | 0.34435 | 2 |
| 2562.5MHz_RB 1,#RB L | Pass | 3.80 | 21.00 | 21.00 | 0.126 | Inf | 24.80 | 0.30200 | 2 |
| 2562.5MHz_RB 1,#RB M | Pass | 3.80 | 21.18 | 21.18 | 0.131 | Inf | 24.98 | 0.31477 | 2 |
| 2562.5MHz_RB 1,#RB H | Pass | 3.80 | 20.99 | 20.99 | 0.126 | Inf | 24.79 | 0.30130 | 2 |
| Band 7_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - | - | - | - | - |
| 2510MHz_RB 1,#RB L | Pass | 3.80 | 21.12 | 21.12 | 0.129 | Inf | 24.92 | 0.31046 | 2 |
| 2510MHz_RB 1,#RB M | Pass | 3.80 | 21.07 | 21.07 | 0.128 | Inf | 24.87 | 0.30690 | 2 |
| 2510MHz_RB 1,#RB H | Pass | 3.80 | 20.63 | 20.63 | 0.116 | Inf | 24.43 | 0.27733 | 2 |
| 2535MHz_RB 1,#RB L | Pass | 3.80 | 21.22 | 21.22 | 0.132 | Inf | 25.02 | 0.31769 | 2 |
| 2535MHz_RB 1,#RB M | Pass | 3.80 | 20.65 | 20.65 | 0.116 | Inf | 24.45 | 0.27861 | 2 |
| 2535MHz_RB 1,#RB H | Pass | 3.80 | 20.80 | 20.80 | 0.120 | Inf | 24.60 | 0.28840 | 2 |
| 2560MHz_RB 1,#RB L | Pass | 3.80 | 21.44 | 21.44 | 0.139 | Inf | 25.24 | 0.33420 | 2 |
| 2560MHz_RB 1,#RB M | Pass | 3.80 | 21.04 | 21.04 | 0.127 | Inf | 24.84 | 0.30479 | 2 |
| 2560MHz_RB 1,#RB H | Pass | 3.80 | 20.35 | 20.35 | 0.108 | Inf | 24.15 | 0.26002 | 2 |

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



Summary

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|-----------------------|--------|------------|------------|------|------|
| 1900 | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | Pass | 1850.2 | 13.00 | 1.22 | 1 |
| EGPRS_200kHz_Nss1_1TX | Pass | 1880 | 13.00 | 3.92 | 1 |
| 850 | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | Pass | 836.4 | 13.00 | 1.58 | 1 |
| EGPRS_200kHz_Nss1_1TX | Pass | 836.4 | 13.00 | 3.83 | 1 |



Result

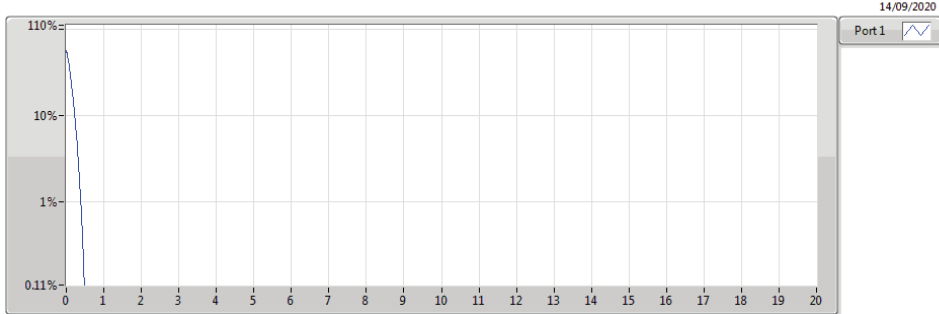
| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|----------------------------|--------|------------|------------|------|------|
| 850_GPRS_200kHz_Nss1_1TX | - | - | - | - | - |
| 824.2MHz | Pass | 824.2 | 13.00 | 1.22 | 1 |
| 836.4MHz | Pass | 836.4 | 13.00 | 1.58 | 1 |
| 848.8MHz | Pass | 848.8 | 13.00 | 1.24 | 1 |
| 1900_GPRS_200kHz_Nss1_1TX | - | - | - | - | - |
| 1850.2MHz | Pass | 1850.2 | 13.00 | 1.22 | 1 |
| 1880MHz | Pass | 1880 | 13.00 | 1.21 | 1 |
| 1909.8MHz | Pass | 1909.8 | 13.00 | 1.21 | 1 |
| 850_EGPRS_200kHz_Nss1_1TX | - | - | - | - | - |
| 824.2MHz | Pass | 824.2 | 13.00 | 3.81 | 1 |
| 836.4MHz | Pass | 836.4 | 13.00 | 3.83 | 1 |
| 848.8MHz | Pass | 848.8 | 13.00 | 3.81 | 1 |
| 1900_EGPRS_200kHz_Nss1_1TX | - | - | - | - | - |
| 1850.2MHz | Pass | 1850.2 | 13.00 | 3.91 | 1 |
| 1880MHz | Pass | 1880 | 13.00 | 3.92 | 1 |
| 1909.8MHz | Pass | 1909.8 | 13.00 | 3.88 | 1 |



850_GPRS_200kHz_Nss1_1TX

PAR

824.2MHz

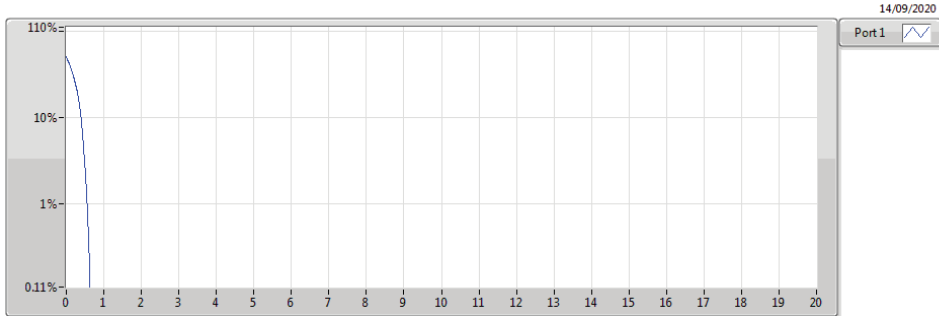


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 824.2 | 200k | 1.22 | -11.78 | 13.00 | 1 |

850_GPRS_200kHz_Nss1_1TX

PAR

836.4MHz

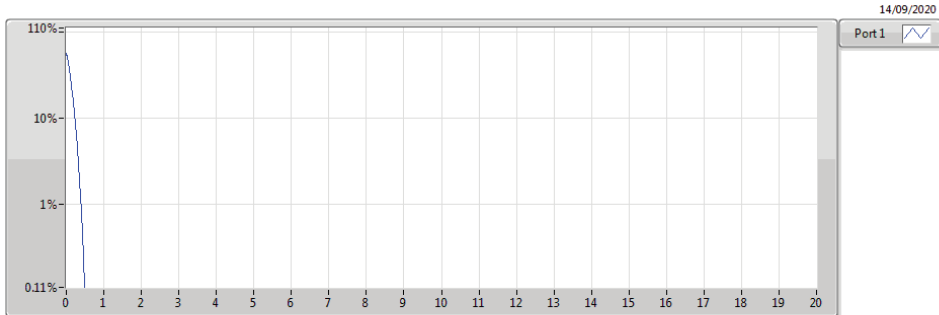


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 836.4 | 200k | 1.58 | -11.42 | 13.00 | 1 |

850_GPRS_200kHz_Nss1_1TX

PAR

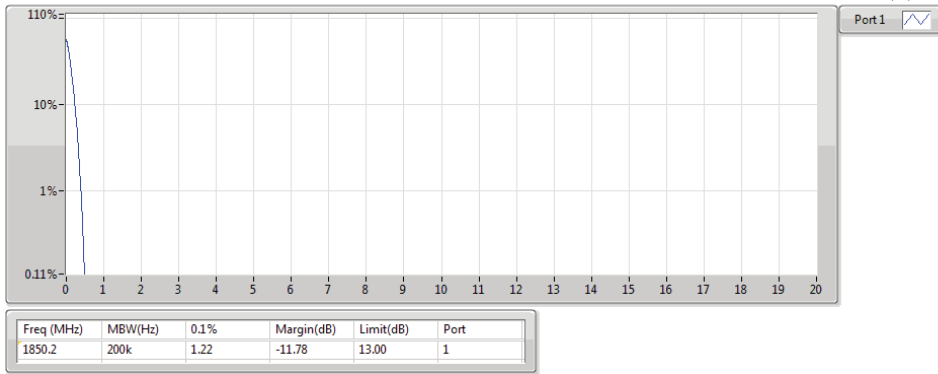
848.8MHz



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 848.8 | 200k | 1.24 | -11.76 | 13.00 | 1 |

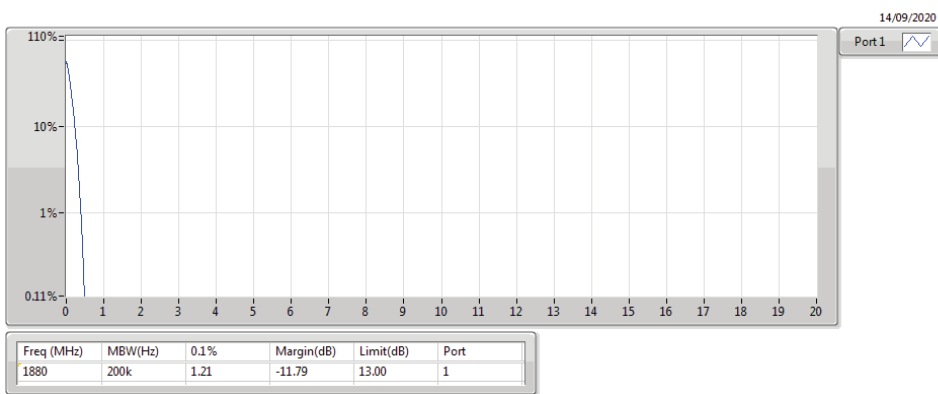
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1850.2MHz

PAR



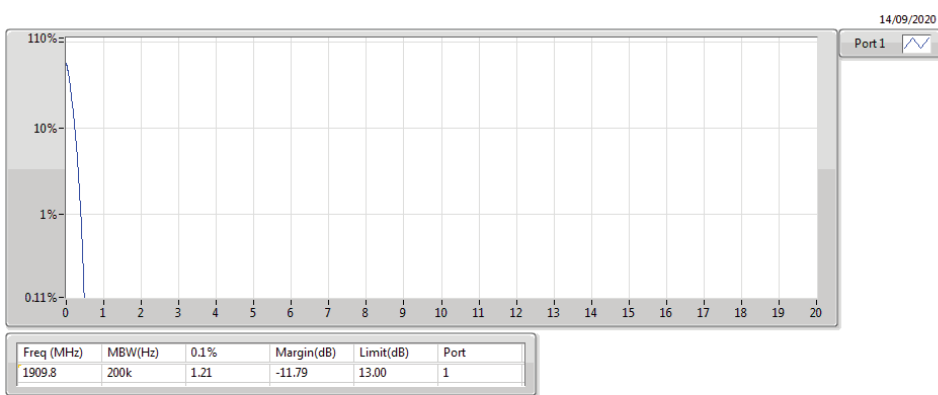
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1880MHz

PAR



1900_GPRS_200kHz_Nss1_1TX
1909.8MHz

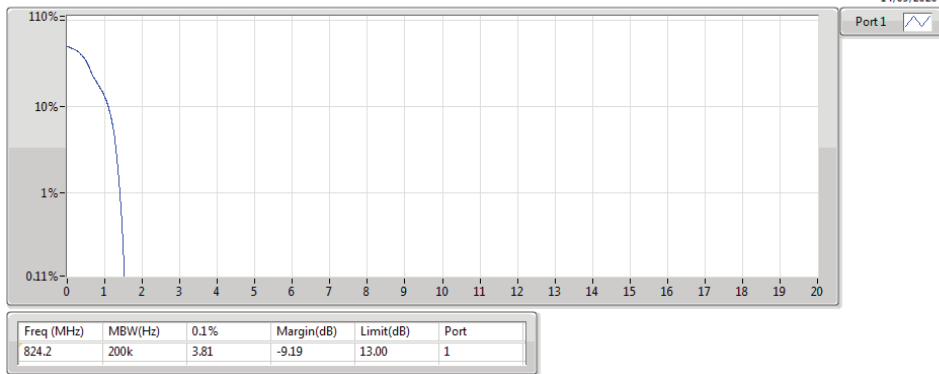
PAR



850_EGPRS_200kHz_Nss1_1TX

PAR

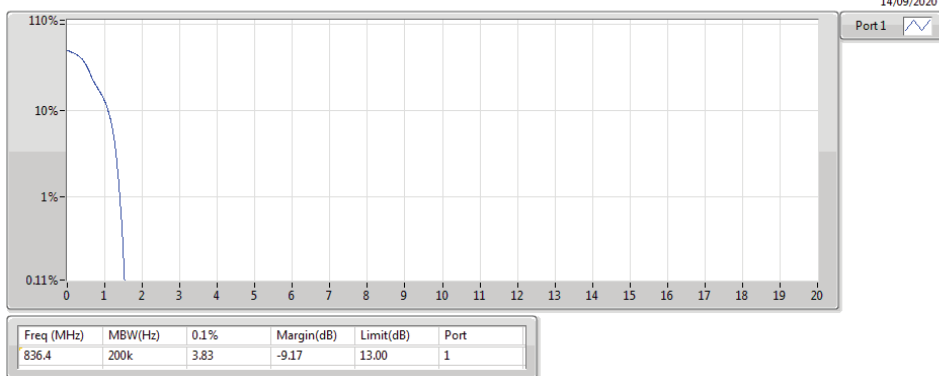
824.2MHz



850_EGPRS_200kHz_Nss1_1TX

PAR

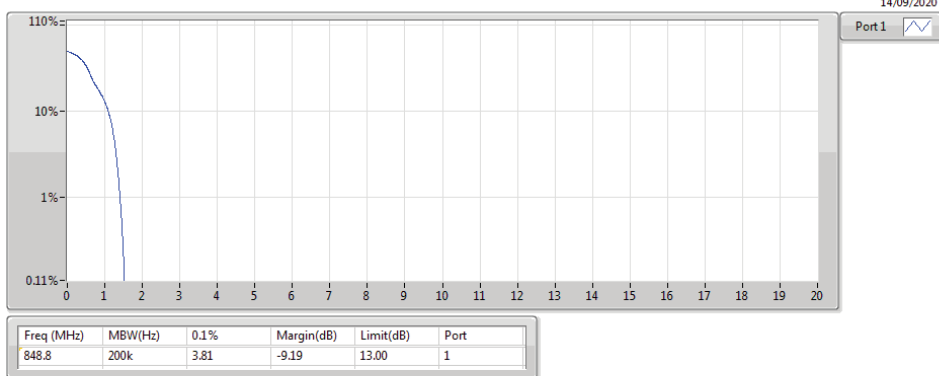
836.4MHz



850_EGPRS_200kHz_Nss1_1TX

PAR

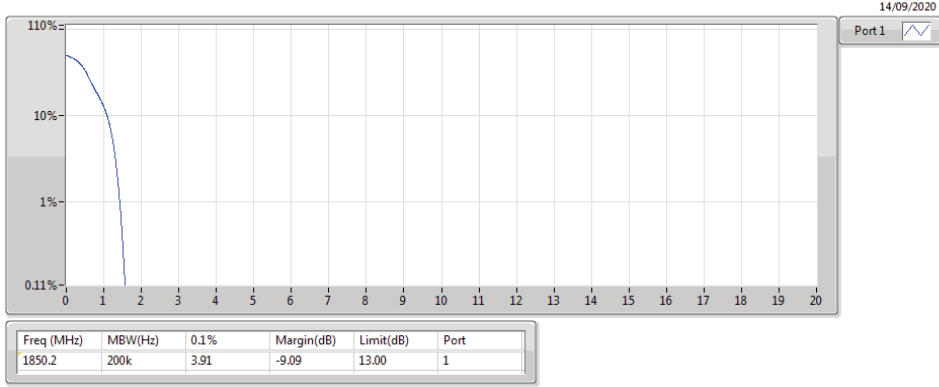
848.8MHz





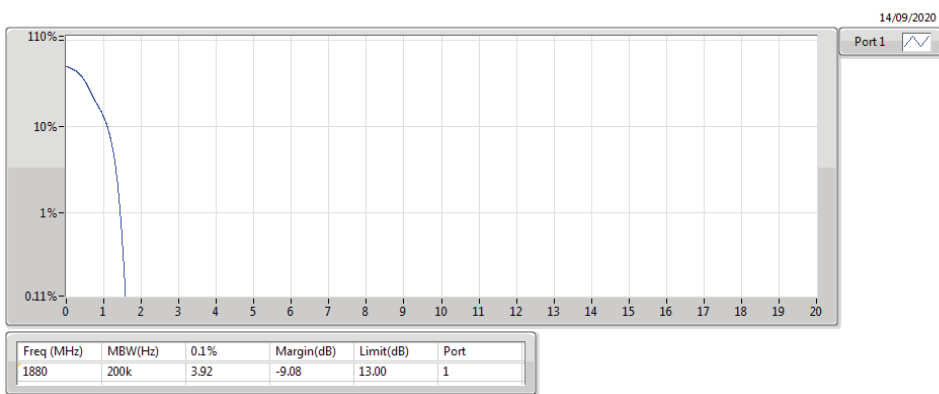
1900_EGPRS_200kHz_Nss1_1TX
1850.2MHz

PAR



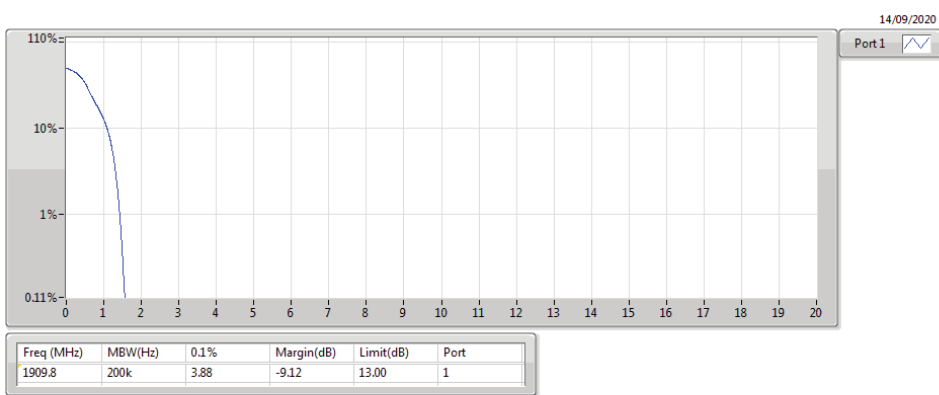
1900_EGPRS_200kHz_Nss1_1TX
1880MHz

PAR



1900_EGPRS_200kHz_Nss1_1TX
1909.8MHz

PAR





Summary

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------|--------|------------|------------|------|------|
| Band 2 | - | - | - | - | - |
| WCDMA_5MHz_Nss1_1TX | Pass | 1880 | 13.00 | 3.33 | 1 |

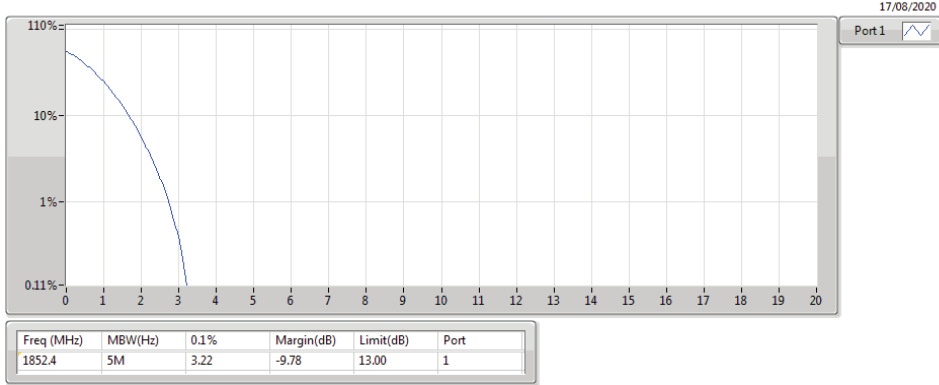


Result

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|----------------------------|--------|------------|------------|------|------|
| Band 2_WCDMA_5MHz_Nss1_1TX | - | - | - | - | - |
| 1852.4MHz | Pass | 1852.4 | 13.00 | 3.22 | 1 |
| 1880MHz | Pass | 1880 | 13.00 | 3.33 | 1 |
| 1907.6MHz | Pass | 1907.6 | 13.00 | 3.30 | 1 |

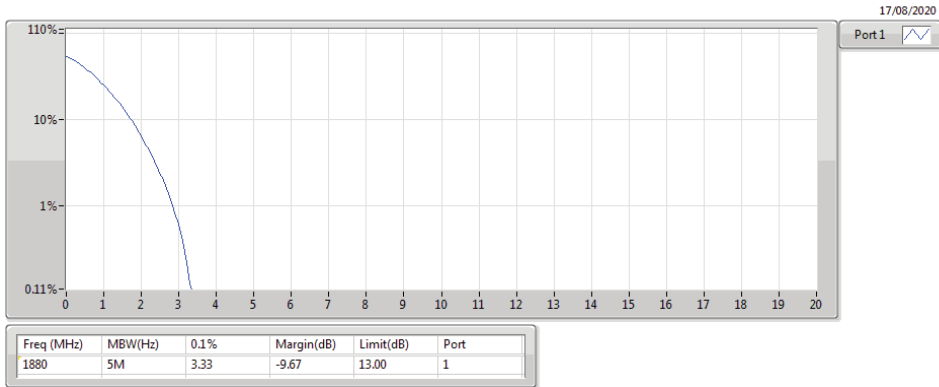
Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

PAR



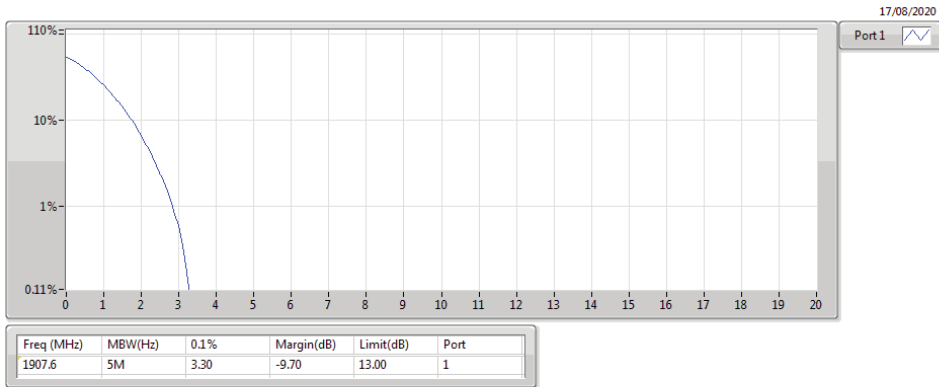
Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

PAR



Band 2_WCDMA_5MHz_Nss1_1TX
1907.6MHz

PAR





Summary

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------|--------|------------|------------|------|------|
| Band 2 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | Pass | 1909.3 | 13.00 | 8.46 | 1 |
| LTE_3MHz_Nss1,QPSK_1TX | Pass | 1880 | 13.00 | 8.52 | 1 |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 1880 | 13.00 | 8.61 | 1 |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 1905 | 13.00 | 8.49 | 1 |
| LTE_15MHz_Nss1,QPSK_1TX | Pass | 1902.5 | 13.00 | 8.52 | 1 |
| LTE_20MHz_Nss1,QPSK_1TX | Pass | 1860 | 13.00 | 8.55 | 1 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass | 1850.7 | 13.00 | 8.61 | 1 |
| LTE_3MHz_Nss1,16QAM_1TX | Pass | 1880 | 13.00 | 8.55 | 1 |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 1852.5 | 13.00 | 8.55 | 1 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 1880 | 13.00 | 5.97 | 1 |
| LTE_15MHz_Nss1,16QAM_1TX | Pass | 1880 | 13.00 | 5.71 | 1 |
| LTE_20MHz_Nss1,16QAM_1TX | Pass | 1880 | 13.00 | 5.62 | 1 |
| Band 4 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | Pass | 1754.3 | 13.00 | 8.67 | 1 |
| LTE_3MHz_Nss1,QPSK_1TX | Pass | 1732.5 | 13.00 | 8.55 | 1 |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 1712.5 | 13.00 | 8.55 | 1 |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 1715 | 13.00 | 8.55 | 1 |
| LTE_15MHz_Nss1,QPSK_1TX | Pass | 1717.5 | 13.00 | 8.52 | 1 |
| LTE_20MHz_Nss1,QPSK_1TX | Pass | 1720 | 13.00 | 8.52 | 1 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass | 1710.7 | 13.00 | 6.26 | 1 |
| LTE_3MHz_Nss1,16QAM_1TX | Pass | 1711.5 | 13.00 | 6.17 | 1 |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 1732.5 | 13.00 | 6.14 | 1 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 1732.5 | 13.00 | 6.00 | 1 |
| LTE_15MHz_Nss1,16QAM_1TX | Pass | 1732.5 | 13.00 | 5.77 | 1 |
| LTE_20MHz_Nss1,16QAM_1TX | Pass | 1720 | 13.00 | 5.59 | 1 |
| Band 7 | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 2567.5 | 13.00 | 4.81 | 1 |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 2565 | 13.00 | 4.84 | 1 |
| LTE_15MHz_Nss1,QPSK_1TX | Pass | 2562.5 | 13.00 | 4.87 | 1 |
| LTE_20MHz_Nss1,QPSK_1TX | Pass | 2560 | 13.00 | 4.81 | 1 |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 2567.5 | 13.00 | 5.83 | 1 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 2565 | 13.00 | 5.77 | 1 |
| LTE_15MHz_Nss1,16QAM_1TX | Pass | 2562.5 | 13.00 | 4.96 | 1 |
| LTE_20MHz_Nss1,16QAM_1TX | Pass | 2560 | 13.00 | 5.39 | 1 |



Result

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------------|--------|------------|------------|------|------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 1850.7 | 13.00 | 8.29 | 1 |
| 1850.7MHz_RB 1,#RB M | Pass | 1850.7 | 13.00 | 8.43 | 1 |
| 1850.7MHz_RB 3,#RB M | Pass | 1850.7 | 13.00 | 8.38 | 1 |
| 1880MHz_RB 6,#RB 0 | Pass | 1880 | 13.00 | 8.35 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.43 | 1 |
| 1880MHz_RB 3,#RB M | Pass | 1880 | 13.00 | 8.38 | 1 |
| 1909.3MHz_RB 6,#RB 0 | Pass | 1909.3 | 13.00 | 8.46 | 1 |
| 1909.3MHz_RB 1,#RB M | Pass | 1909.3 | 13.00 | 8.46 | 1 |
| 1909.3MHz_RB 3,#RB M | Pass | 1909.3 | 13.00 | 8.46 | 1 |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1851.5MHz_RB 15,#RB 0 | Pass | 1851.5 | 13.00 | 8.46 | 1 |
| 1851.5MHz_RB 1,#RB M | Pass | 1851.5 | 13.00 | 8.43 | 1 |
| 1851.5MHz_RB 8,#RB M | Pass | 1851.5 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 15,#RB 0 | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.52 | 1 |
| 1880MHz_RB 8,#RB M | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1908.5MHz_RB 15,#RB 0 | Pass | 1908.5 | 13.00 | 8.38 | 1 |
| 1908.5MHz_RB 1,#RB M | Pass | 1908.5 | 13.00 | 8.35 | 1 |
| 1908.5MHz_RB 8,#RB M | Pass | 1908.5 | 13.00 | 8.35 | 1 |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1852.5MHz_RB 25,#RB 0 | Pass | 1852.5 | 13.00 | 8.52 | 1 |
| 1852.5MHz_RB 1,#RB M | Pass | 1852.5 | 13.00 | 8.41 | 1 |
| 1852.5MHz_RB 12,#RB M | Pass | 1852.5 | 13.00 | 8.52 | 1 |
| 1880MHz_RB 25,#RB 0 | Pass | 1880 | 13.00 | 8.43 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 12,#RB M | Pass | 1880 | 13.00 | 8.61 | 1 |
| 1907.5MHz_RB 25,#RB 0 | Pass | 1907.5 | 13.00 | 8.43 | 1 |
| 1907.5MHz_RB 1,#RB M | Pass | 1907.5 | 13.00 | 8.46 | 1 |
| 1907.5MHz_RB 12,#RB M | Pass | 1907.5 | 13.00 | 8.55 | 1 |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1855MHz_RB 50,#RB 0 | Pass | 1855 | 13.00 | 8.43 | 1 |
| 1855MHz_RB 1,#RB M | Pass | 1855 | 13.00 | 8.41 | 1 |
| 1855MHz_RB 25,#RB M | Pass | 1855 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 50,#RB 0 | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.43 | 1 |
| 1880MHz_RB 25,#RB M | Pass | 1880 | 13.00 | 8.38 | 1 |
| 1905MHz_RB 50,#RB 0 | Pass | 1905 | 13.00 | 8.49 | 1 |
| 1905MHz_RB 1,#RB M | Pass | 1905 | 13.00 | 8.46 | 1 |
| 1905MHz_RB 25,#RB M | Pass | 1905 | 13.00 | 8.41 | 1 |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1857.5MHz_RB 75,#RB 0 | Pass | 1857.5 | 13.00 | 8.43 | 1 |
| 1857.5MHz_RB 1,#RB M | Pass | 1857.5 | 13.00 | 8.49 | 1 |
| 1857.5MHz_RB 36,#RB M | Pass | 1857.5 | 13.00 | 8.38 | 1 |



| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|----------------------------------|--------|------------|------------|------|------|
| 1880MHz_RB 75,#RB 0 | Pass | 1880 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 36,#RB M | Pass | 1880 | 13.00 | 8.49 | 1 |
| 1902.5MHz_RB 75,#RB 0 | Pass | 1902.5 | 13.00 | 8.49 | 1 |
| 1902.5MHz_RB 1,#RB M | Pass | 1902.5 | 13.00 | 8.35 | 1 |
| 1902.5MHz_RB 36,#RB M | Pass | 1902.5 | 13.00 | 8.52 | 1 |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1860MHz_RB 100,#RB 0 | Pass | 1860 | 13.00 | 8.55 | 1 |
| 1860MHz_RB 1,#RB M | Pass | 1860 | 13.00 | 8.43 | 1 |
| 1860MHz_RB 50,#RB M | Pass | 1860 | 13.00 | 8.52 | 1 |
| 1880MHz_RB 100,#RB 0 | Pass | 1880 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 50,#RB M | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1900MHz_RB 100,#RB 0 | Pass | 1900 | 13.00 | 8.43 | 1 |
| 1900MHz_RB 1,#RB M | Pass | 1900 | 13.00 | 8.52 | 1 |
| 1900MHz_RB 50,#RB M | Pass | 1900 | 13.00 | 8.49 | 1 |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 1850.7 | 13.00 | 8.38 | 1 |
| 1850.7MHz_RB 1,#RB M | Pass | 1850.7 | 13.00 | 8.43 | 1 |
| 1850.7MHz_RB 3,#RB M | Pass | 1850.7 | 13.00 | 8.61 | 1 |
| 1880MHz_RB 6,#RB 0 | Pass | 1880 | 13.00 | 8.38 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.43 | 1 |
| 1880MHz_RB 3,#RB M | Pass | 1880 | 13.00 | 8.61 | 1 |
| 1909.3MHz_RB 6,#RB 0 | Pass | 1909.3 | 13.00 | 8.29 | 1 |
| 1909.3MHz_RB 1,#RB M | Pass | 1909.3 | 13.00 | 8.55 | 1 |
| 1909.3MHz_RB 3,#RB M | Pass | 1909.3 | 13.00 | 8.23 | 1 |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1851.5MHz_RB 15,#RB 0 | Pass | 1851.5 | 13.00 | 8.32 | 1 |
| 1851.5MHz_RB 1,#RB M | Pass | 1851.5 | 13.00 | 8.32 | 1 |
| 1851.5MHz_RB 8,#RB M | Pass | 1851.5 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 15,#RB 0 | Pass | 1880 | 13.00 | 8.55 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.52 | 1 |
| 1880MHz_RB 8,#RB M | Pass | 1880 | 13.00 | 8.35 | 1 |
| 1908.5MHz_RB 15,#RB 0 | Pass | 1908.5 | 13.00 | 8.43 | 1 |
| 1908.5MHz_RB 1,#RB M | Pass | 1908.5 | 13.00 | 8.38 | 1 |
| 1908.5MHz_RB 8,#RB M | Pass | 1908.5 | 13.00 | 8.35 | 1 |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1852.5MHz_RB 25,#RB 0 | Pass | 1852.5 | 13.00 | 8.55 | 1 |
| 1852.5MHz_RB 1,#RB M | Pass | 1852.5 | 13.00 | 8.43 | 1 |
| 1852.5MHz_RB 12,#RB M | Pass | 1852.5 | 13.00 | 8.52 | 1 |
| 1880MHz_RB 25,#RB 0 | Pass | 1880 | 13.00 | 8.46 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 8.41 | 1 |
| 1880MHz_RB 12,#RB M | Pass | 1880 | 13.00 | 8.49 | 1 |
| 1907.5MHz_RB 25,#RB 0 | Pass | 1907.5 | 13.00 | 8.46 | 1 |
| 1907.5MHz_RB 1,#RB M | Pass | 1907.5 | 13.00 | 8.49 | 1 |



Peak to Average Power Ratio (PAPR)_4G

Appendix B.3

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------------|--------|------------|------------|------|------|
| 1907.5MHz_RB 12,#RB M | Pass | 1907.5 | 13.00 | 8.41 | 1 |
| Band 2_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1855MHz_RB 1,#RB M | Pass | 1855 | 13.00 | 5.48 | 1 |
| 1855MHz_RB 25,#RB M | Pass | 1855 | 13.00 | 5.86 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 5.45 | 1 |
| 1880MHz_RB 25,#RB M | Pass | 1880 | 13.00 | 5.97 | 1 |
| 1905MHz_RB 1,#RB M | Pass | 1905 | 13.00 | 5.22 | 1 |
| 1905MHz_RB 25,#RB M | Pass | 1905 | 13.00 | 5.94 | 1 |
| Band 2_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1857.5MHz_RB 1,#RB M | Pass | 1857.5 | 13.00 | 5.57 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 5.71 | 1 |
| 1902.5MHz_RB 1,#RB M | Pass | 1902.5 | 13.00 | 5.36 | 1 |
| Band 2_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1860MHz_RB 1,#RB M | Pass | 1860 | 13.00 | 5.57 | 1 |
| 1880MHz_RB 1,#RB M | Pass | 1880 | 13.00 | 5.62 | 1 |
| 1900MHz_RB 1,#RB M | Pass | 1900 | 13.00 | 5.33 | 1 |
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1710.7MHz_RB 6,#RB 0 | Pass | 1710.7 | 13.00 | 8.55 | 1 |
| 1710.7MHz_RB 1,#RB M | Pass | 1710.7 | 13.00 | 8.58 | 1 |
| 1710.7MHz_RB 3,#RB M | Pass | 1710.7 | 13.00 | 8.58 | 1 |
| 1732.5MHz_RB 6,#RB 0 | Pass | 1732.5 | 13.00 | 8.49 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.49 | 1 |
| 1732.5MHz_RB 3,#RB M | Pass | 1732.5 | 13.00 | 8.58 | 1 |
| 1754.3MHz_RB 6,#RB 0 | Pass | 1754.3 | 13.00 | 8.43 | 1 |
| 1754.3MHz_RB 1,#RB M | Pass | 1754.3 | 13.00 | 8.52 | 1 |
| 1754.3MHz_RB 3,#RB M | Pass | 1754.3 | 13.00 | 8.67 | 1 |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 1711.5 | 13.00 | 8.49 | 1 |
| 1711.5MHz_RB 1,#RB M | Pass | 1711.5 | 13.00 | 8.43 | 1 |
| 1711.5MHz_RB 8,#RB M | Pass | 1711.5 | 13.00 | 8.46 | 1 |
| 1732.5MHz_RB 15,#RB 0 | Pass | 1732.5 | 13.00 | 8.38 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.43 | 1 |
| 1732.5MHz_RB 8,#RB M | Pass | 1732.5 | 13.00 | 8.55 | 1 |
| 1753.5MHz_RB 15,#RB 0 | Pass | 1753.5 | 13.00 | 8.46 | 1 |
| 1753.5MHz_RB 1,#RB M | Pass | 1753.5 | 13.00 | 8.49 | 1 |
| 1753.5MHz_RB 8,#RB M | Pass | 1753.5 | 13.00 | 8.46 | 1 |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 1712.5 | 13.00 | 8.46 | 1 |
| 1712.5MHz_RB 1,#RB M | Pass | 1712.5 | 13.00 | 8.46 | 1 |
| 1712.5MHz_RB 12,#RB M | Pass | 1712.5 | 13.00 | 8.55 | 1 |
| 1732.5MHz_RB 25,#RB 0 | Pass | 1732.5 | 13.00 | 8.38 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.52 | 1 |
| 1732.5MHz_RB 12,#RB M | Pass | 1732.5 | 13.00 | 8.43 | 1 |
| 1752.5MHz_RB 25,#RB 0 | Pass | 1752.5 | 13.00 | 8.41 | 1 |
| 1752.5MHz_RB 1,#RB M | Pass | 1752.5 | 13.00 | 8.49 | 1 |



Peak to Average Power Ratio (PAPR)_4G

Appendix B.3

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|----------------------------------|--------|------------|------------|------|------|
| 1752.5MHz_RB 12,#RB M | Pass | 1752.5 | 13.00 | 8.55 | 1 |
| Band 4_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1715MHz_RB 50,#RB 0 | Pass | 1715 | 13.00 | 8.41 | 1 |
| 1715MHz_RB 1,#RB M | Pass | 1715 | 13.00 | 8.55 | 1 |
| 1715MHz_RB 25,#RB M | Pass | 1715 | 13.00 | 8.46 | 1 |
| 1732.5MHz_RB 50,#RB 0 | Pass | 1732.5 | 13.00 | 8.38 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.55 | 1 |
| 1732.5MHz_RB 25,#RB M | Pass | 1732.5 | 13.00 | 8.49 | 1 |
| 1750MHz_RB 50,#RB 0 | Pass | 1750 | 13.00 | 8.55 | 1 |
| 1750MHz_RB 1,#RB M | Pass | 1750 | 13.00 | 8.46 | 1 |
| 1750MHz_RB 25,#RB M | Pass | 1750 | 13.00 | 8.55 | 1 |
| Band 4_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1717.5MHz_RB 75,#RB 0 | Pass | 1717.5 | 13.00 | 8.46 | 1 |
| 1717.5MHz_RB 1,#RB M | Pass | 1717.5 | 13.00 | 8.41 | 1 |
| 1717.5MHz_RB 36,#RB M | Pass | 1717.5 | 13.00 | 8.52 | 1 |
| 1732.5MHz_RB 75,#RB 0 | Pass | 1732.5 | 13.00 | 8.41 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.41 | 1 |
| 1732.5MHz_RB 36,#RB M | Pass | 1732.5 | 13.00 | 8.41 | 1 |
| 1747.5MHz_RB 75,#RB 0 | Pass | 1747.5 | 13.00 | 8.43 | 1 |
| 1747.5MHz_RB 1,#RB M | Pass | 1747.5 | 13.00 | 8.43 | 1 |
| 1747.5MHz_RB 36,#RB M | Pass | 1747.5 | 13.00 | 8.46 | 1 |
| Band 4_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 1720MHz_RB 100,#RB 0 | Pass | 1720 | 13.00 | 8.46 | 1 |
| 1720MHz_RB 1,#RB M | Pass | 1720 | 13.00 | 8.43 | 1 |
| 1720MHz_RB 50,#RB M | Pass | 1720 | 13.00 | 8.52 | 1 |
| 1732.5MHz_RB 100,#RB 0 | Pass | 1732.5 | 13.00 | 8.43 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 8.49 | 1 |
| 1732.5MHz_RB 50,#RB M | Pass | 1732.5 | 13.00 | 8.38 | 1 |
| 1745MHz_RB 100,#RB 0 | Pass | 1745 | 13.00 | 8.46 | 1 |
| 1745MHz_RB 1,#RB M | Pass | 1745 | 13.00 | 8.46 | 1 |
| 1745MHz_RB 50,#RB M | Pass | 1745 | 13.00 | 8.46 | 1 |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1710.7MHz_RB 6,#RB 0 | Pass | 1710.7 | 13.00 | 6.26 | 1 |
| 1710.7MHz_RB 1,#RB M | Pass | 1710.7 | 13.00 | 5.57 | 1 |
| 1710.7MHz_RB 3,#RB M | Pass | 1710.7 | 13.00 | 5.80 | 1 |
| 1732.5MHz_RB 6,#RB 0 | Pass | 1732.5 | 13.00 | 6.26 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.45 | 1 |
| 1732.5MHz_RB 3,#RB M | Pass | 1732.5 | 13.00 | 5.83 | 1 |
| 1754.3MHz_RB 6,#RB 0 | Pass | 1754.3 | 13.00 | 6.12 | 1 |
| 1754.3MHz_RB 1,#RB M | Pass | 1754.3 | 13.00 | 5.33 | 1 |
| 1754.3MHz_RB 3,#RB M | Pass | 1754.3 | 13.00 | 5.71 | 1 |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 1711.5 | 13.00 | 6.17 | 1 |
| 1711.5MHz_RB 1,#RB M | Pass | 1711.5 | 13.00 | 5.65 | 1 |
| 1711.5MHz_RB 8,#RB M | Pass | 1711.5 | 13.00 | 6.06 | 1 |



| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------------|--------|------------|------------|------|------|
| 1732.5MHz_RB 15,#RB 0 | Pass | 1732.5 | 13.00 | 6.17 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.59 | 1 |
| 1732.5MHz_RB 8,#RB M | Pass | 1732.5 | 13.00 | 6.03 | 1 |
| 1753.5MHz_RB 15,#RB 0 | Pass | 1753.5 | 13.00 | 6.09 | 1 |
| 1753.5MHz_RB 1,#RB M | Pass | 1753.5 | 13.00 | 5.33 | 1 |
| 1753.5MHz_RB 8,#RB M | Pass | 1753.5 | 13.00 | 5.94 | 1 |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 1712.5 | 13.00 | 6.12 | 1 |
| 1712.5MHz_RB 1,#RB M | Pass | 1712.5 | 13.00 | 5.48 | 1 |
| 1712.5MHz_RB 12,#RB M | Pass | 1712.5 | 13.00 | 6.00 | 1 |
| 1732.5MHz_RB 25,#RB 0 | Pass | 1732.5 | 13.00 | 6.14 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.59 | 1 |
| 1732.5MHz_RB 12,#RB M | Pass | 1732.5 | 13.00 | 5.97 | 1 |
| 1752.5MHz_RB 25,#RB 0 | Pass | 1752.5 | 13.00 | 6.09 | 1 |
| 1752.5MHz_RB 1,#RB M | Pass | 1752.5 | 13.00 | 5.39 | 1 |
| 1752.5MHz_RB 12,#RB M | Pass | 1752.5 | 13.00 | 5.88 | 1 |
| Band 4_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1715MHz_RB 1,#RB M | Pass | 1715 | 13.00 | 5.71 | 1 |
| 1715MHz_RB 25,#RB M | Pass | 1715 | 13.00 | 5.97 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.57 | 1 |
| 1732.5MHz_RB 25,#RB M | Pass | 1732.5 | 13.00 | 6.00 | 1 |
| 1750MHz_RB 1,#RB M | Pass | 1750 | 13.00 | 5.30 | 1 |
| 1750MHz_RB 25,#RB M | Pass | 1750 | 13.00 | 5.91 | 1 |
| Band 4_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1717.5MHz_RB 1,#RB M | Pass | 1717.5 | 13.00 | 5.68 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.77 | 1 |
| 1747.5MHz_RB 1,#RB M | Pass | 1747.5 | 13.00 | 5.33 | 1 |
| Band 4_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 1720MHz_RB 1,#RB M | Pass | 1720 | 13.00 | 5.59 | 1 |
| 1732.5MHz_RB 1,#RB M | Pass | 1732.5 | 13.00 | 5.57 | 1 |
| 1745MHz_RB 1,#RB M | Pass | 1745 | 13.00 | 5.42 | 1 |
| Band 7_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 2502.5 | 13.00 | 4.14 | 1 |
| 2502.5MHz_RB 1,#RB M | Pass | 2502.5 | 13.00 | 3.68 | 1 |
| 2502.5MHz_RB 12,#RB M | Pass | 2502.5 | 13.00 | 4.41 | 1 |
| 2535MHz_RB 25,#RB 0 | Pass | 2535 | 13.00 | 4.17 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 3.77 | 1 |
| 2535MHz_RB 12,#RB M | Pass | 2535 | 13.00 | 4.35 | 1 |
| 2567.5MHz_RB 25,#RB 0 | Pass | 2567.5 | 13.00 | 4.49 | 1 |
| 2567.5MHz_RB 1,#RB M | Pass | 2567.5 | 13.00 | 4.09 | 1 |
| 2567.5MHz_RB 12,#RB M | Pass | 2567.5 | 13.00 | 4.81 | 1 |
| Band 7_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 2505MHz_RB 50,#RB 0 | Pass | 2505 | 13.00 | 4.55 | 1 |
| 2505MHz_RB 1,#RB M | Pass | 2505 | 13.00 | 3.51 | 1 |
| 2505MHz_RB 25,#RB M | Pass | 2505 | 13.00 | 4.49 | 1 |



Peak to Average Power Ratio (PAPR)_4G

Appendix B.3

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------------|--------|------------|------------|------|------|
| 2535MHz_RB 50,#RB 0 | Pass | 2535 | 13.00 | 4.43 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 3.62 | 1 |
| 2535MHz_RB 25,#RB M | Pass | 2535 | 13.00 | 4.35 | 1 |
| 2565MHz_RB 50,#RB 0 | Pass | 2565 | 13.00 | 4.84 | 1 |
| 2565MHz_RB 1,#RB M | Pass | 2565 | 13.00 | 4.06 | 1 |
| 2565MHz_RB 25,#RB M | Pass | 2565 | 13.00 | 4.84 | 1 |
| Band 7_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 2507.5MHz_RB 75,#RB 0 | Pass | 2507.5 | 13.00 | 4.84 | 1 |
| 2507.5MHz_RB 1,#RB M | Pass | 2507.5 | 13.00 | 3.80 | 1 |
| 2507.5MHz_RB 36,#RB M | Pass | 2507.5 | 13.00 | 4.58 | 1 |
| 2535MHz_RB 75,#RB 0 | Pass | 2535 | 13.00 | 4.09 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 3.68 | 1 |
| 2535MHz_RB 36,#RB M | Pass | 2535 | 13.00 | 4.38 | 1 |
| 2562.5MHz_RB 75,#RB 0 | Pass | 2562.5 | 13.00 | 4.38 | 1 |
| 2562.5MHz_RB 1,#RB M | Pass | 2562.5 | 13.00 | 4.17 | 1 |
| 2562.5MHz_RB 36,#RB M | Pass | 2562.5 | 13.00 | 4.87 | 1 |
| Band 7_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - | - |
| 2510MHz_RB 100,#RB 0 | Pass | 2510 | 13.00 | 3.91 | 1 |
| 2510MHz_RB 1,#RB M | Pass | 2510 | 13.00 | 3.71 | 1 |
| 2510MHz_RB 50,#RB M | Pass | 2510 | 13.00 | 4.61 | 1 |
| 2535MHz_RB 100,#RB 0 | Pass | 2535 | 13.00 | 3.77 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 3.57 | 1 |
| 2535MHz_RB 50,#RB M | Pass | 2535 | 13.00 | 4.35 | 1 |
| 2560MHz_RB 100,#RB 0 | Pass | 2560 | 13.00 | 3.94 | 1 |
| 2560MHz_RB 1,#RB M | Pass | 2560 | 13.00 | 4.00 | 1 |
| 2560MHz_RB 50,#RB M | Pass | 2560 | 13.00 | 4.81 | 1 |
| Band 7_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 2502.5 | 13.00 | 5.42 | 1 |
| 2502.5MHz_RB 1,#RB M | Pass | 2502.5 | 13.00 | 4.58 | 1 |
| 2502.5MHz_RB 12,#RB M | Pass | 2502.5 | 13.00 | 5.25 | 1 |
| 2535MHz_RB 25,#RB 0 | Pass | 2535 | 13.00 | 5.39 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 4.58 | 1 |
| 2535MHz_RB 12,#RB M | Pass | 2535 | 13.00 | 5.30 | 1 |
| 2567.5MHz_RB 25,#RB 0 | Pass | 2567.5 | 13.00 | 5.83 | 1 |
| 2567.5MHz_RB 1,#RB M | Pass | 2567.5 | 13.00 | 5.13 | 1 |
| 2567.5MHz_RB 12,#RB M | Pass | 2567.5 | 13.00 | 5.68 | 1 |
| Band 7_LTE_10MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 2505MHz_RB 1,#RB M | Pass | 2505 | 13.00 | 4.58 | 1 |
| 2505MHz_RB 25,#RB M | Pass | 2505 | 13.00 | 5.30 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 4.58 | 1 |
| 2535MHz_RB 25,#RB M | Pass | 2535 | 13.00 | 5.22 | 1 |
| 2565MHz_RB 1,#RB M | Pass | 2565 | 13.00 | 5.13 | 1 |
| 2565MHz_RB 25,#RB M | Pass | 2565 | 13.00 | 5.77 | 1 |
| Band 7_LTE_15MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 2507.5MHz_RB 1,#RB M | Pass | 2507.5 | 13.00 | 4.78 | 1 |



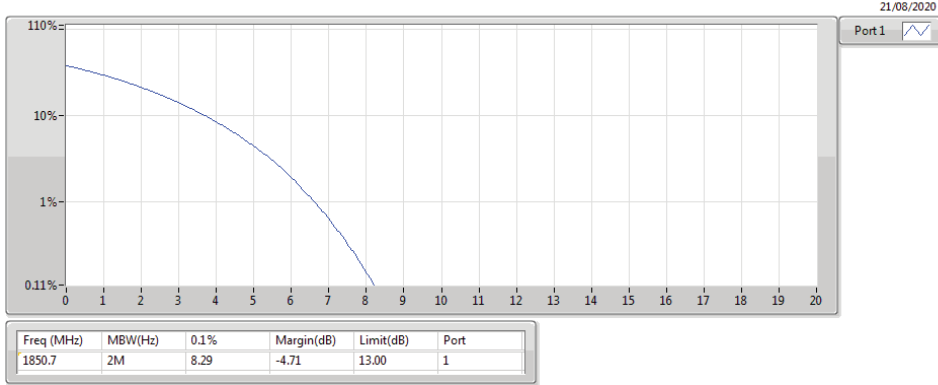
Peak to Average Power Ratio (PAPR)_4G

Appendix B.3

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------------|--------|------------|------------|------|------|
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 4.58 | 1 |
| 2562.5MHz_RB 1,#RB M | Pass | 2562.5 | 13.00 | 4.96 | 1 |
| Band 7_LTE_20MHz_Nss1,16QAM_1TX | - | - | - | - | - |
| 2510MHz_RB 1,#RB M | Pass | 2510 | 13.00 | 4.72 | 1 |
| 2535MHz_RB 1,#RB M | Pass | 2535 | 13.00 | 4.52 | 1 |
| 2560MHz_RB 1,#RB M | Pass | 2560 | 13.00 | 5.39 | 1 |

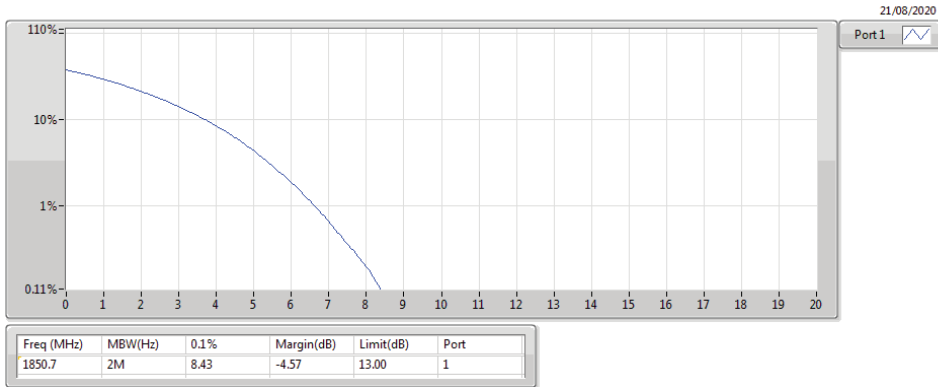
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

PAR



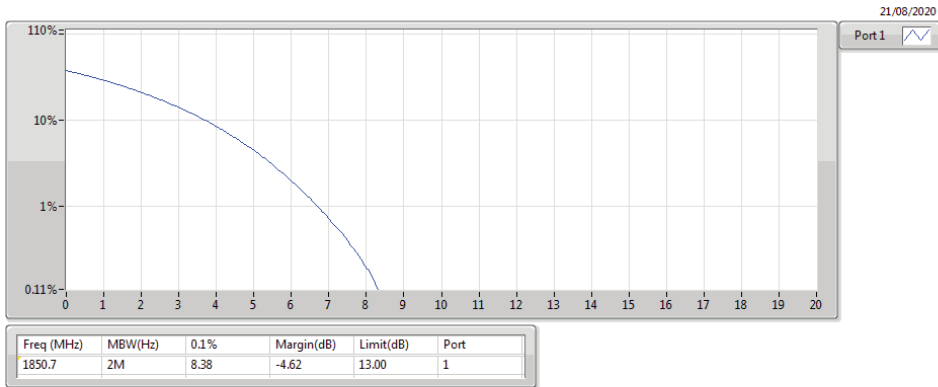
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1850.7MHz_QPSK_RB 1,#RB M

PAR



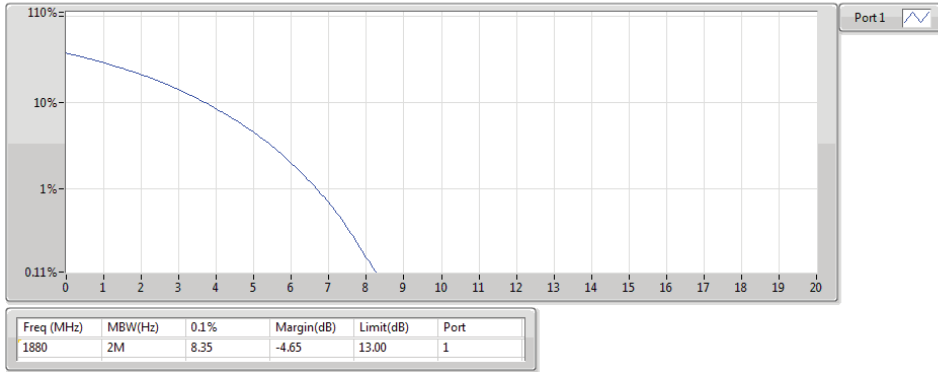
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 3,#RB M

PAR



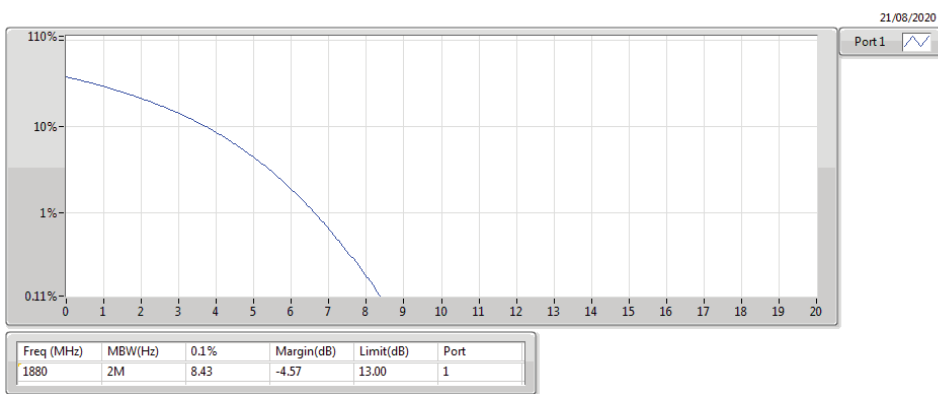
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 6,#RB 0

PAR



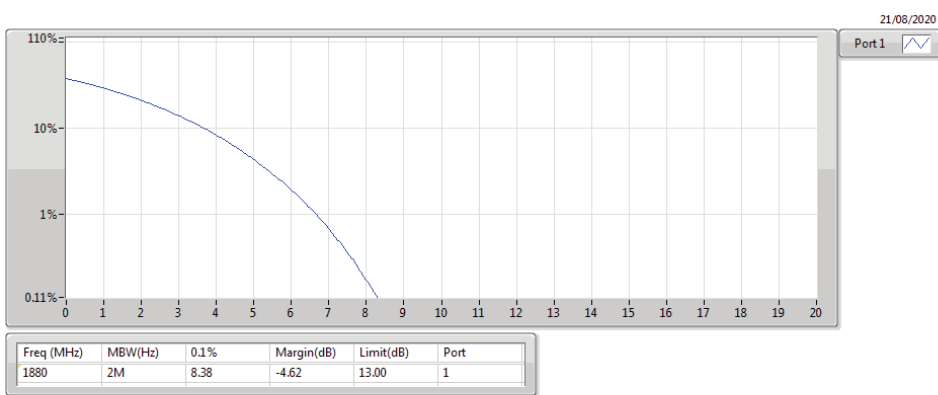
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1880MHz_QPSK_RB 1,#RB M

PAR



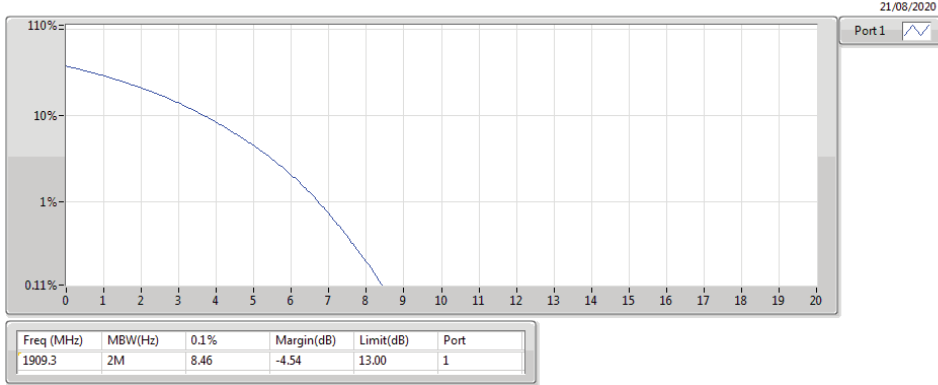
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1880MHz_QPSK_RB 3,#RB M

PAR



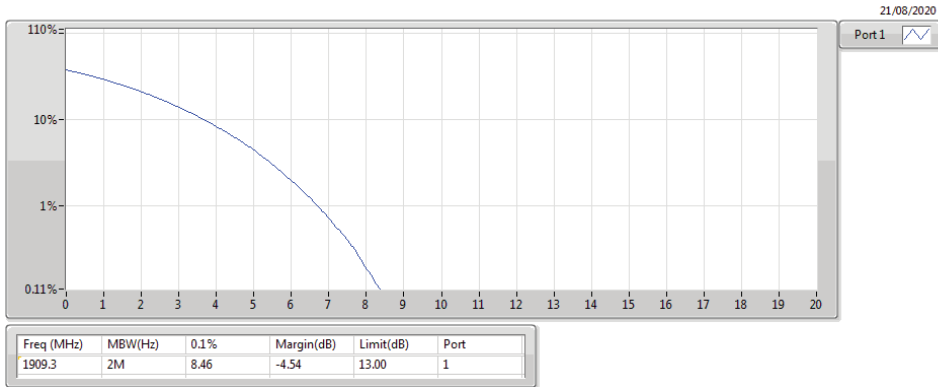
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 6,#RB 0

PAR



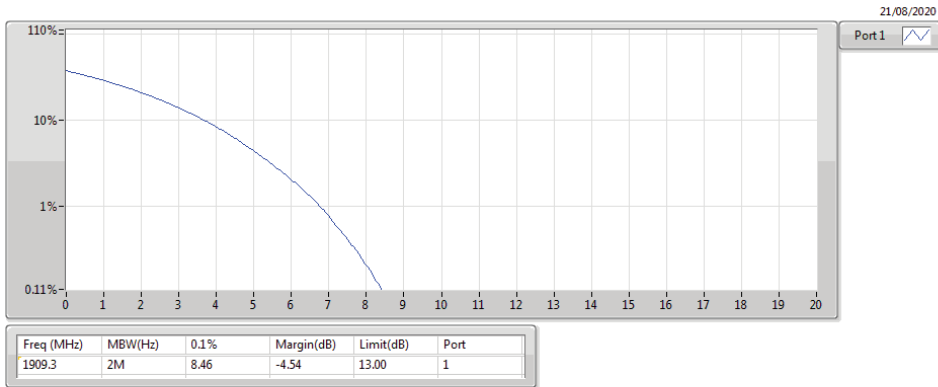
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 1,#RB M

PAR



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 3,#RB M

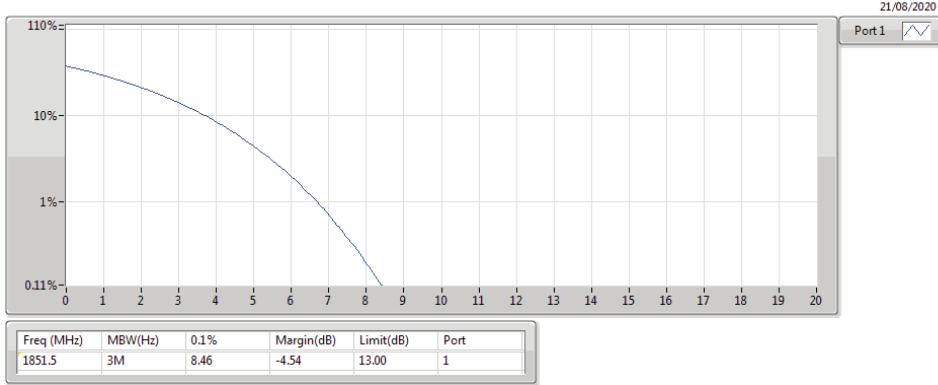
PAR





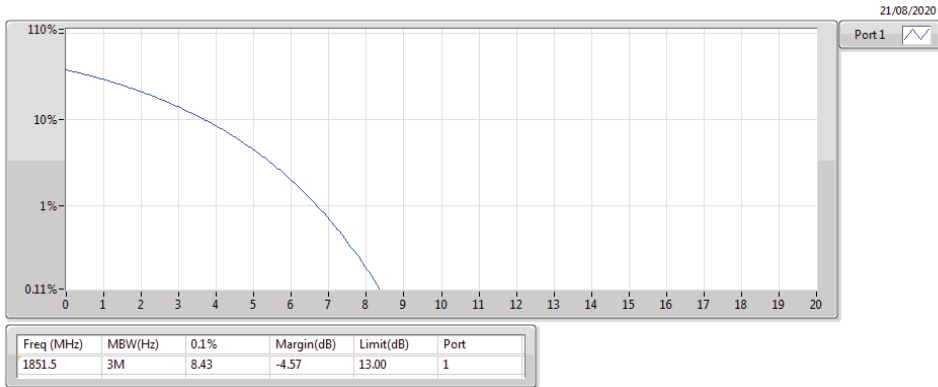
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1851.5MHz_QPSK_RB 15,#RB 0

PAR



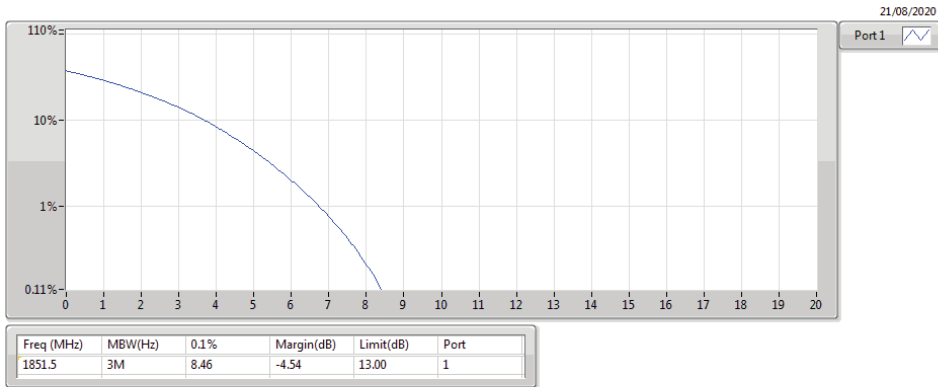
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PAR



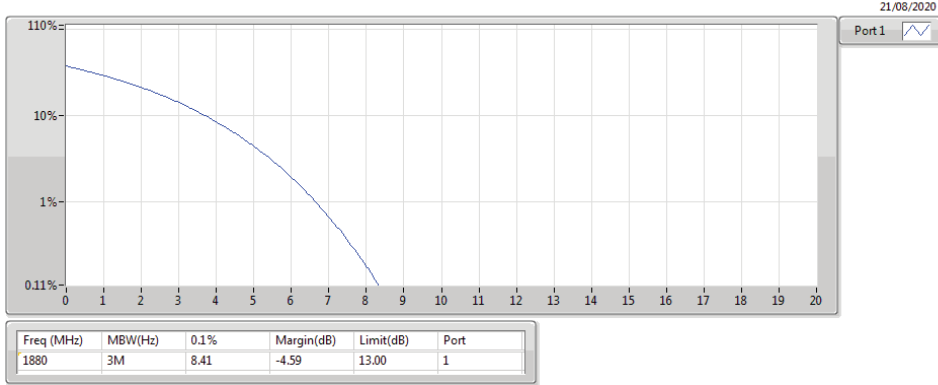
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1851.5MHz_QPSK_RB 8,#RB M

PAR



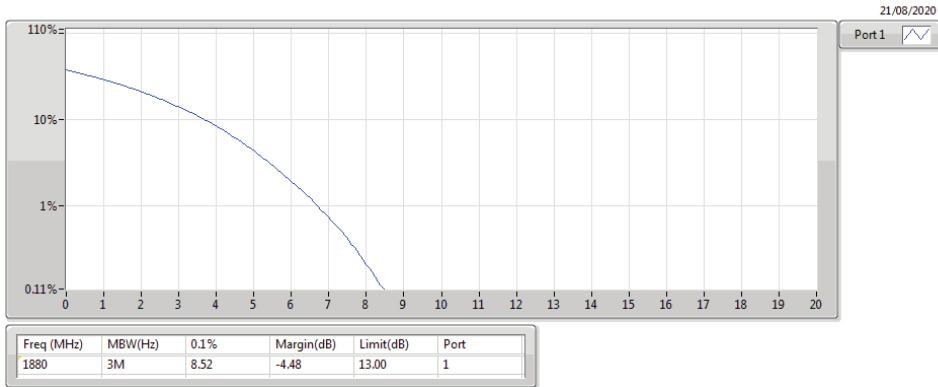
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1880MHz_QPSK_RB 15,#RB 0

PAR



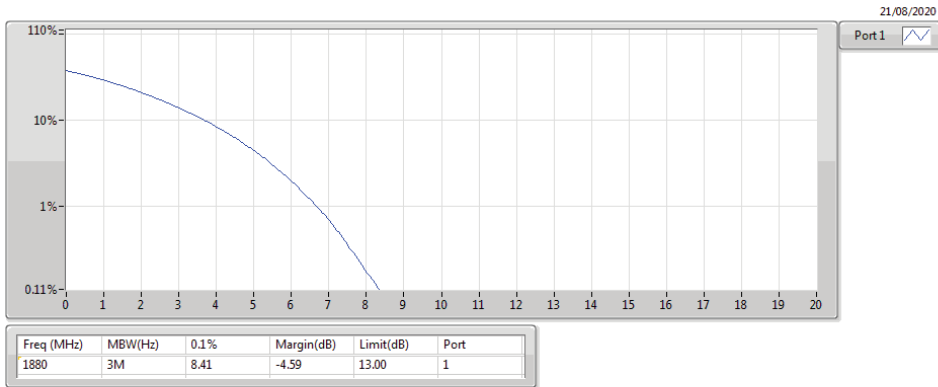
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1880MHz_QPSK_RB 1,#RB M

PAR



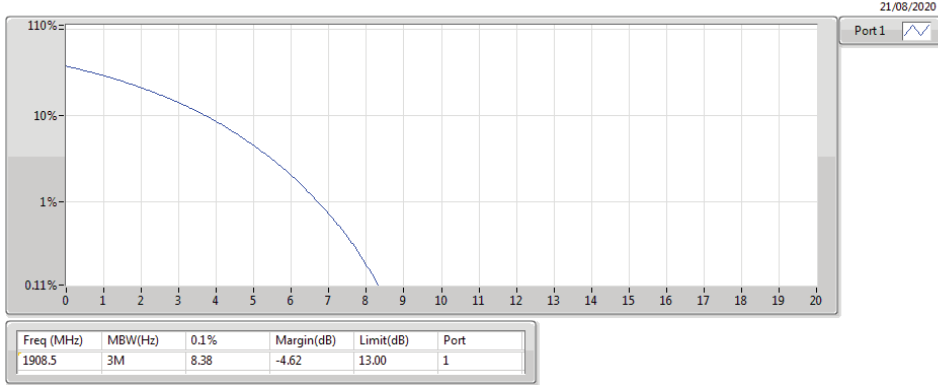
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PAR



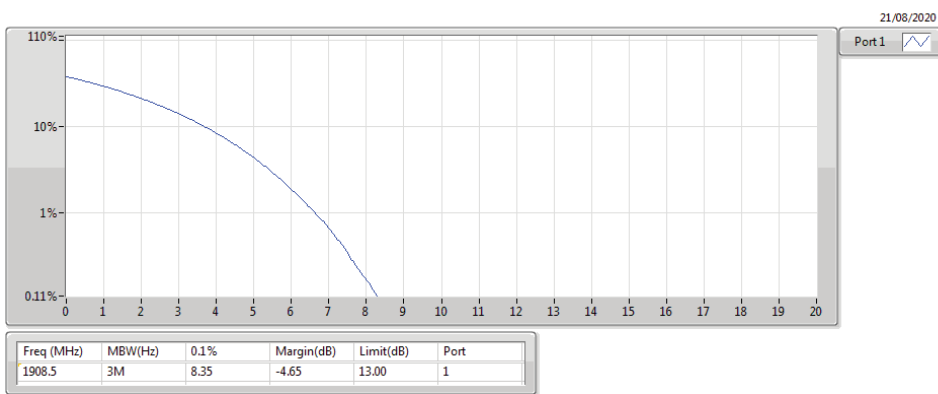
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1908.5MHz_QPSK_RB 15,#RB 0

PAR



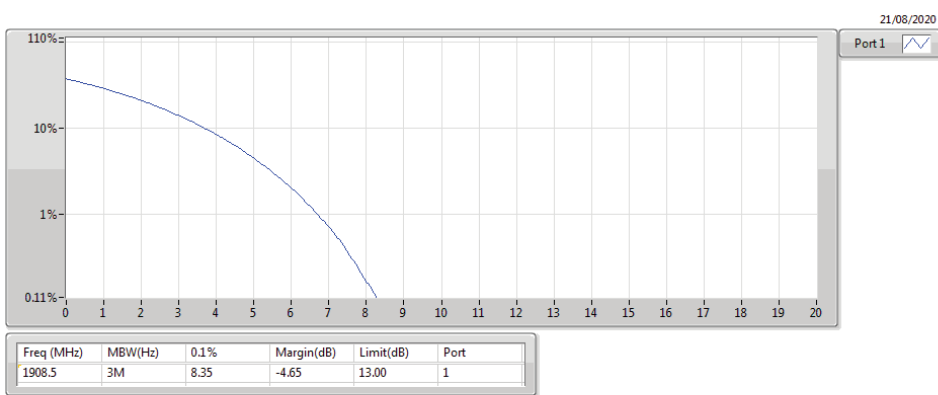
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1908.5MHz_QPSK_RB 1,#RB M

PAR



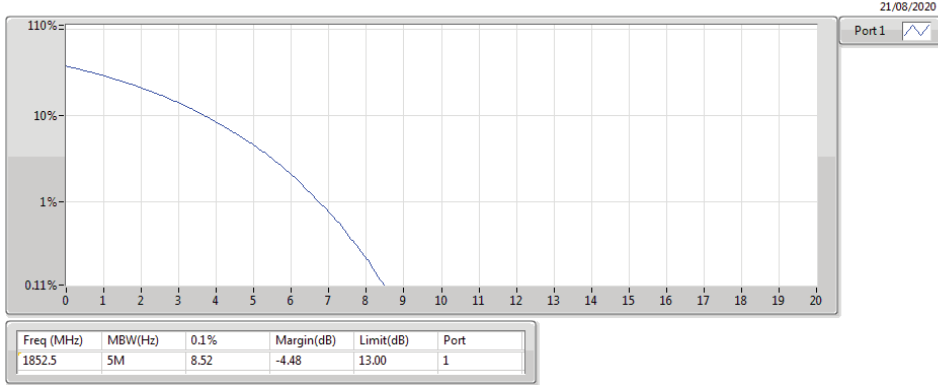
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PAR



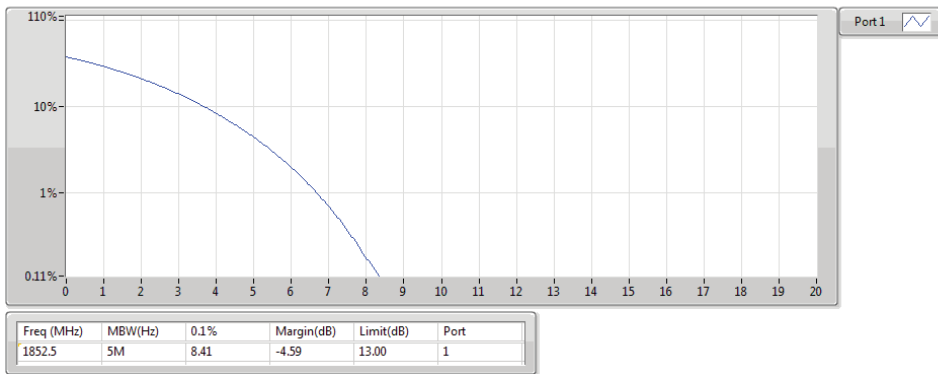
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PAR



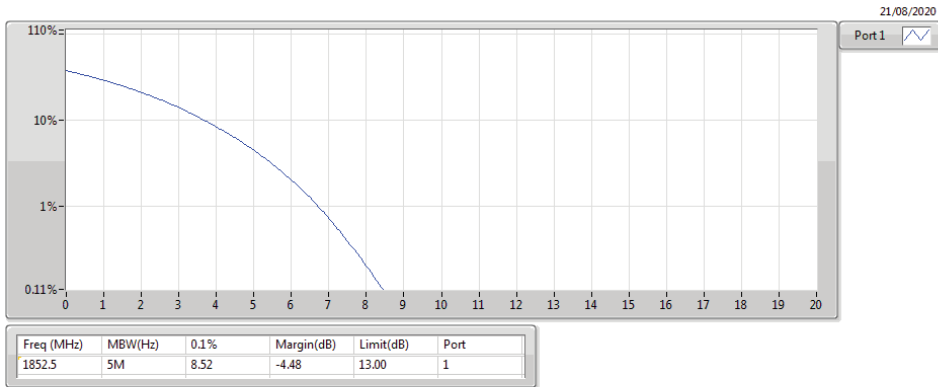
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PAR



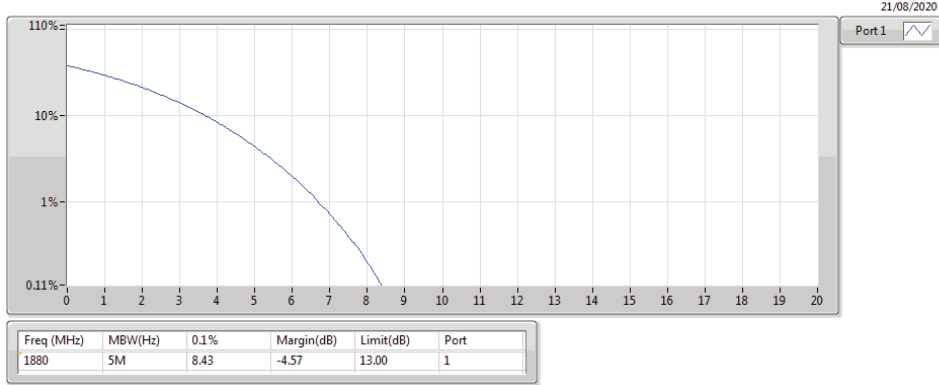
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PAR



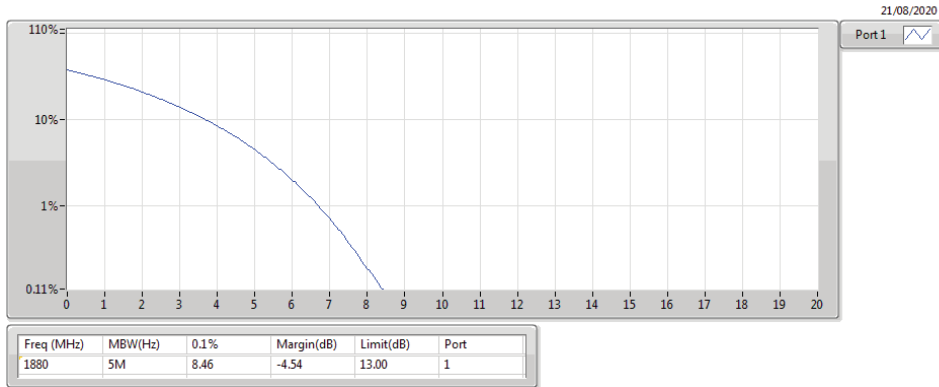
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB 0

PAR



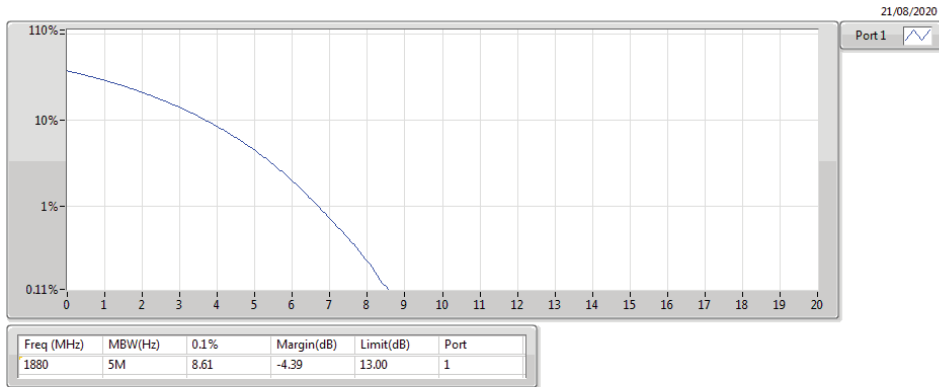
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1880MHz_QPSK_RB 1,#RB M

PAR



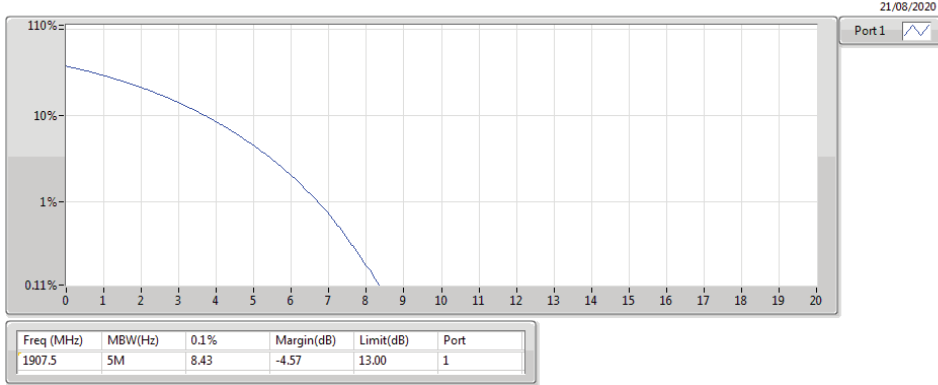
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 12,#RB M

PAR



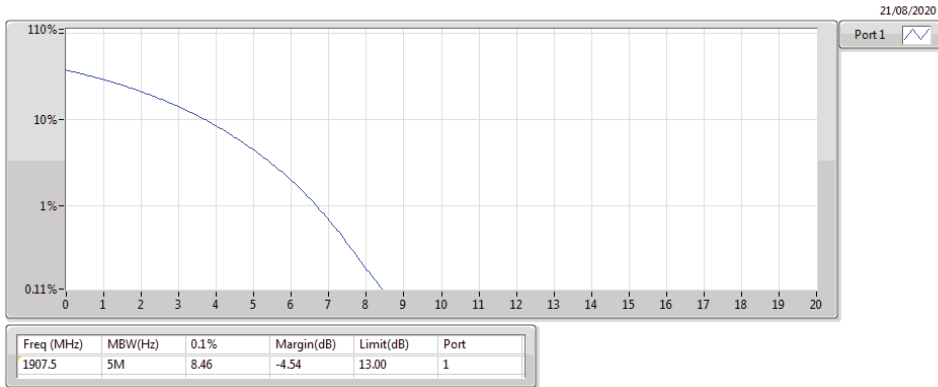
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PAR



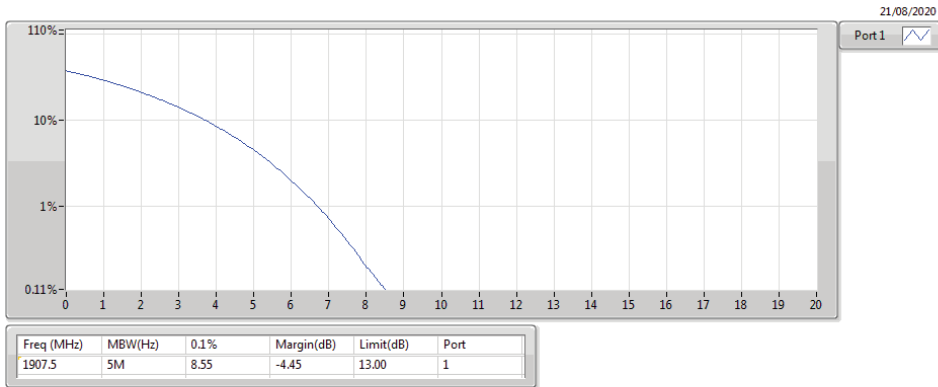
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1907.5MHz_QPSK_RB 1,#RB M

PAR



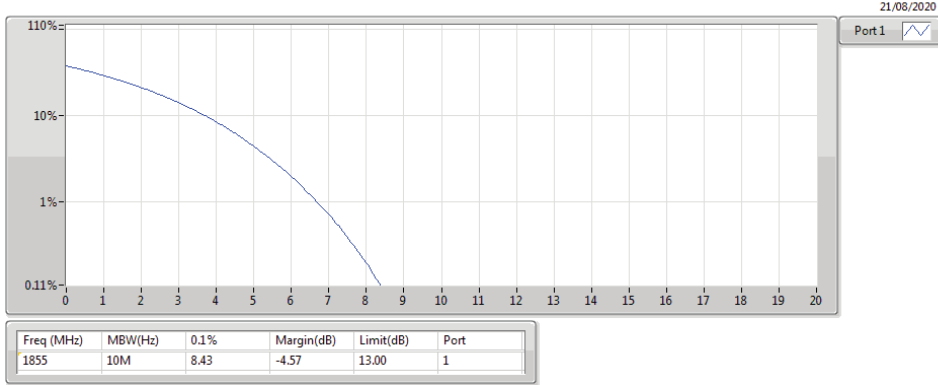
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PAR



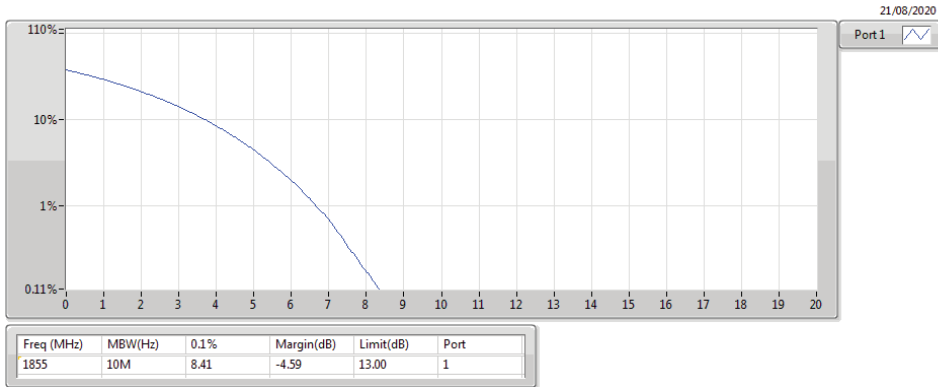
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1855MHz_QPSK_RB 50,#RB 0

PAR



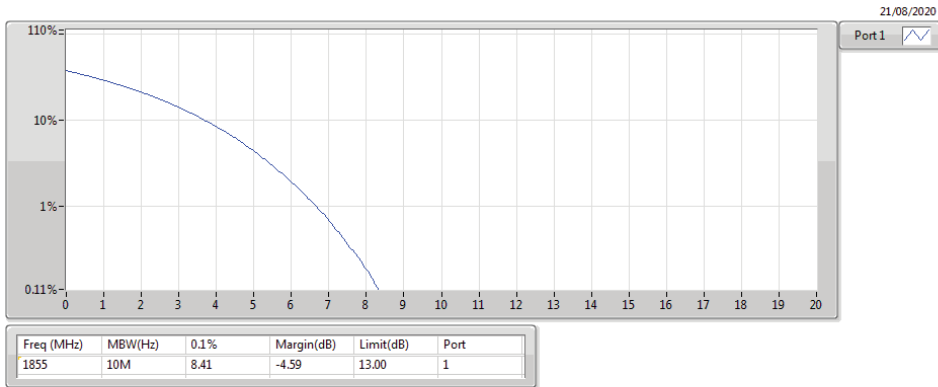
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PAR



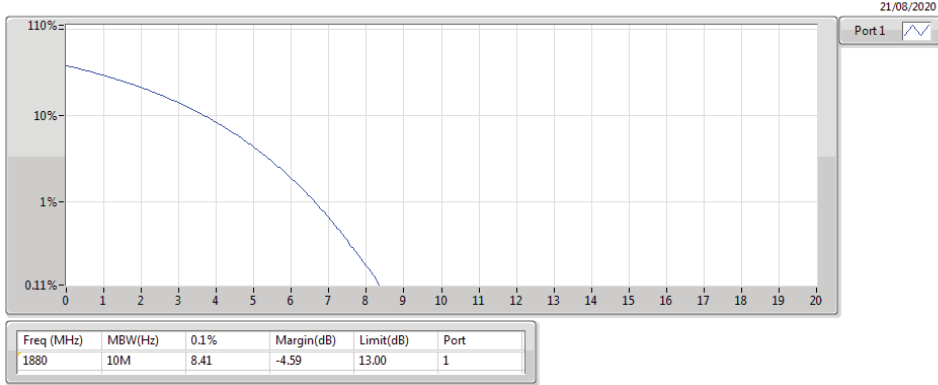
Band 2_LTE_10MHz_Nss1,QPSK_1TX
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PAR



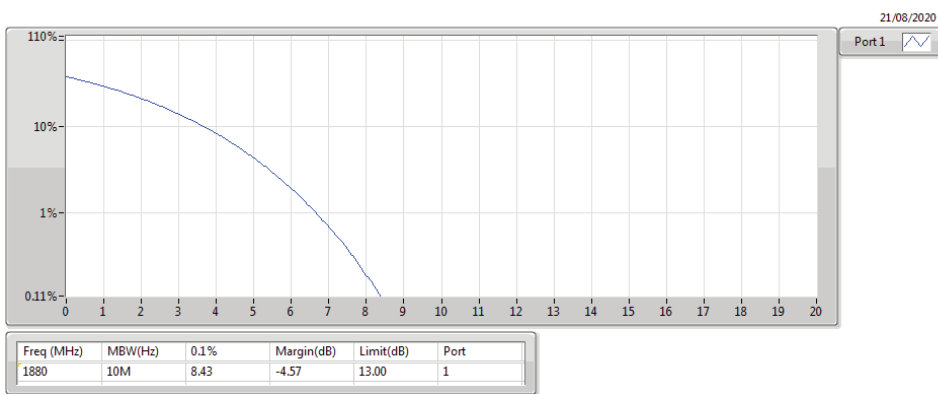
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1880MHz_QPSK_RB 50,#RB 0

PAR



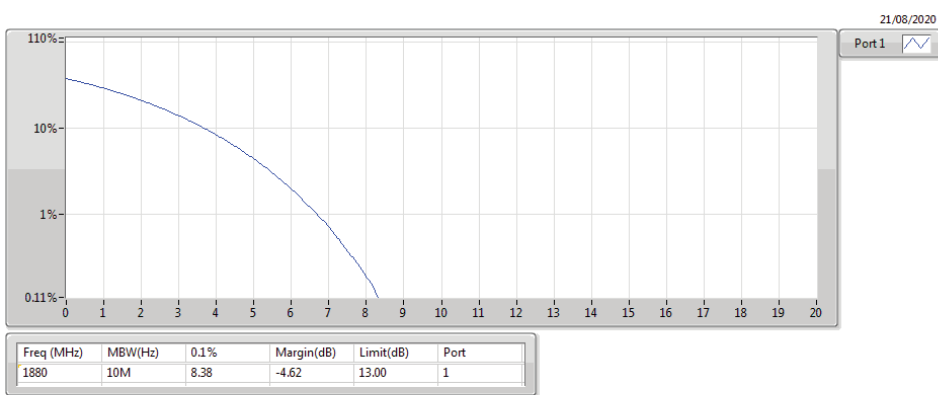
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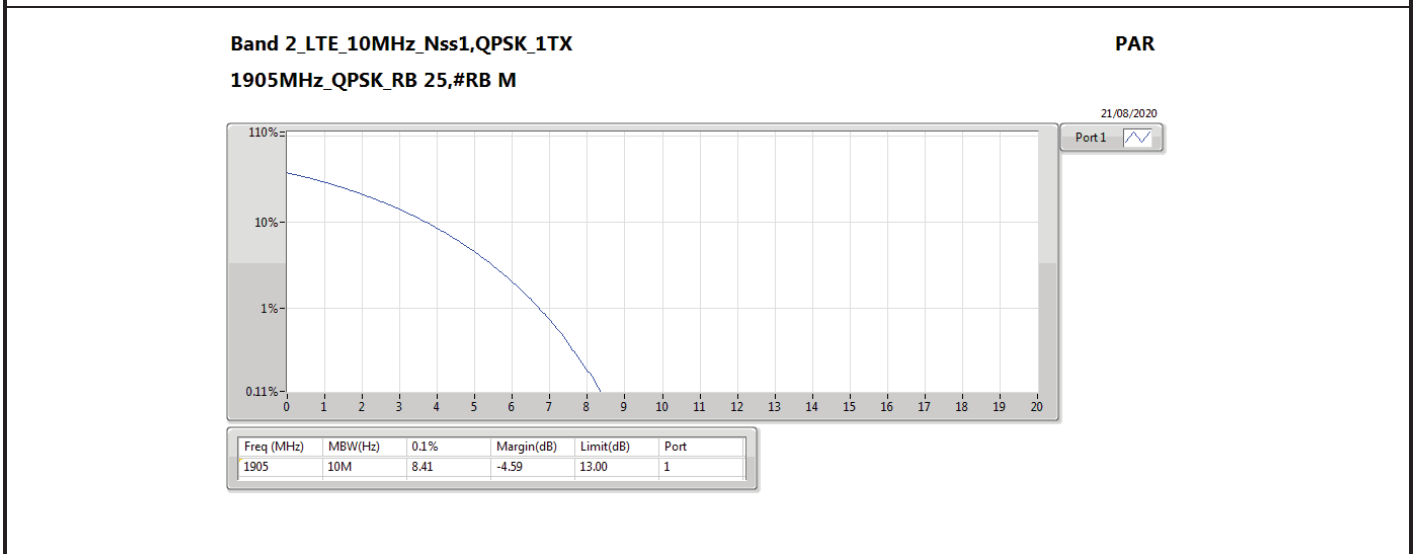
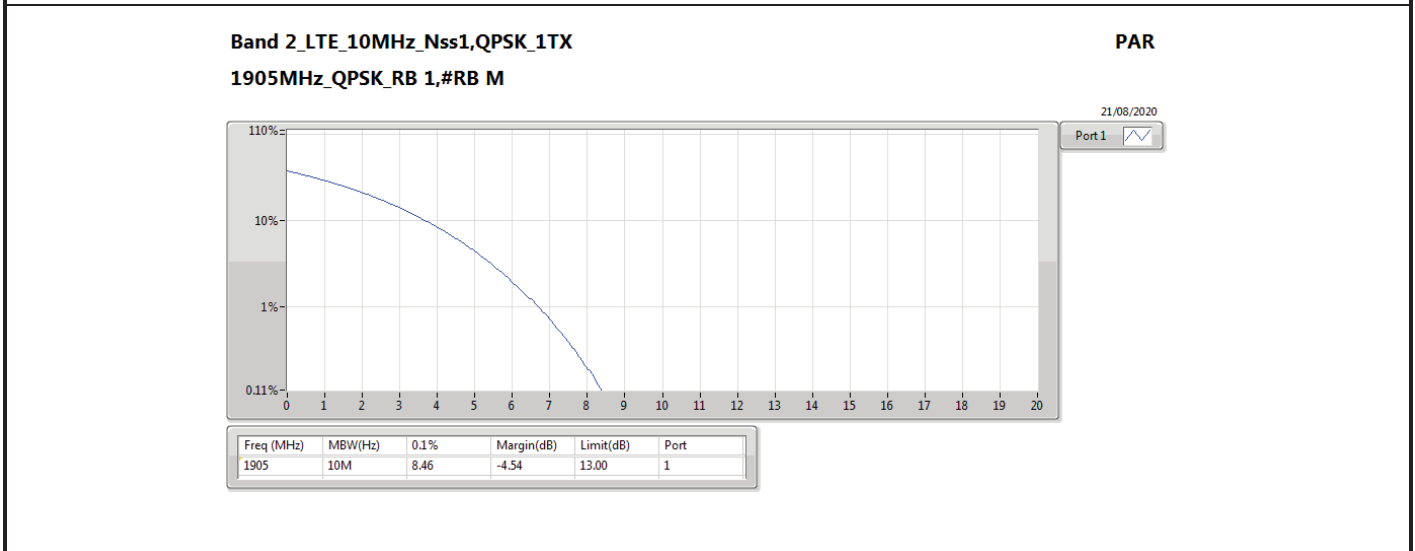
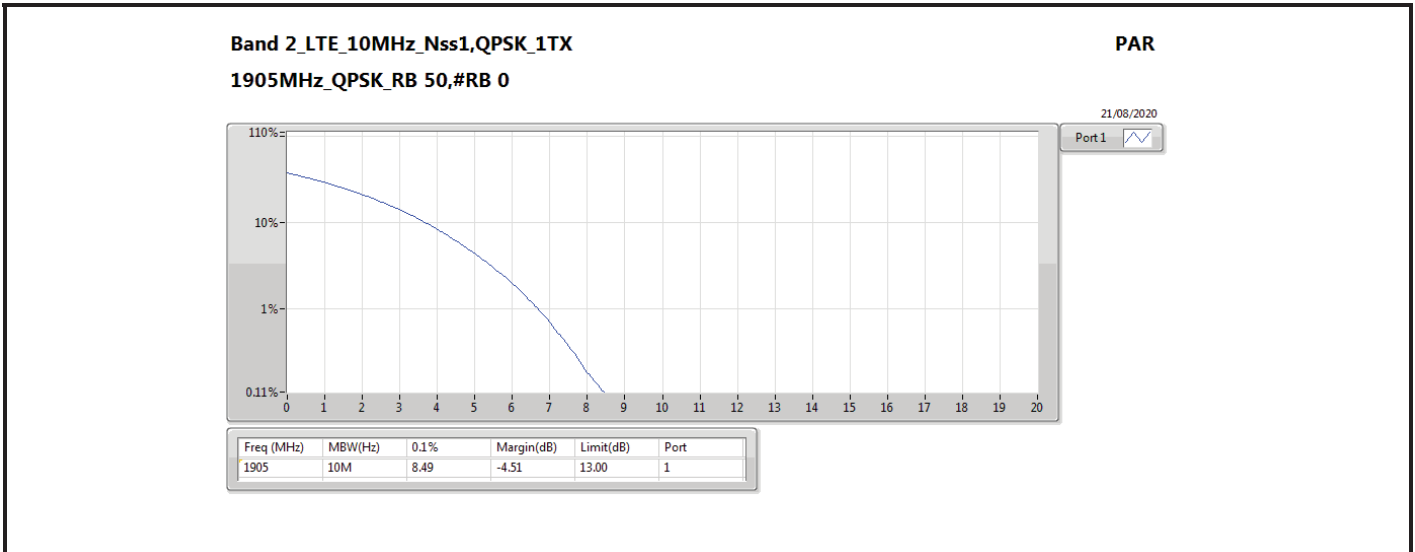
PAR



Band 2_LTE_10MHz_Nss1,QPSK_1TX
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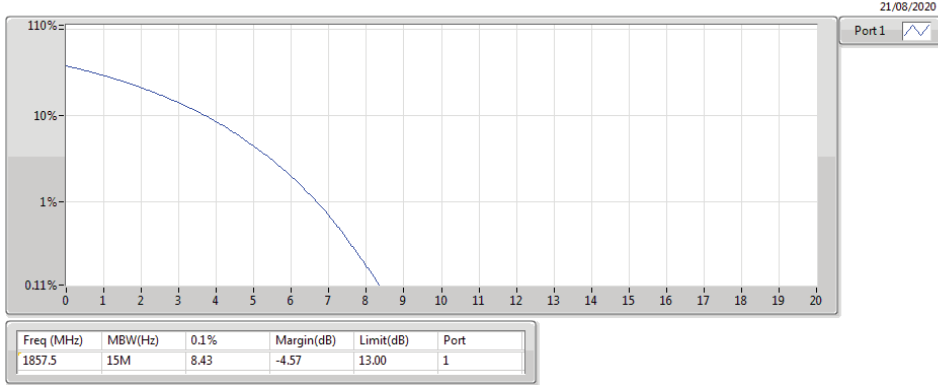
PAR





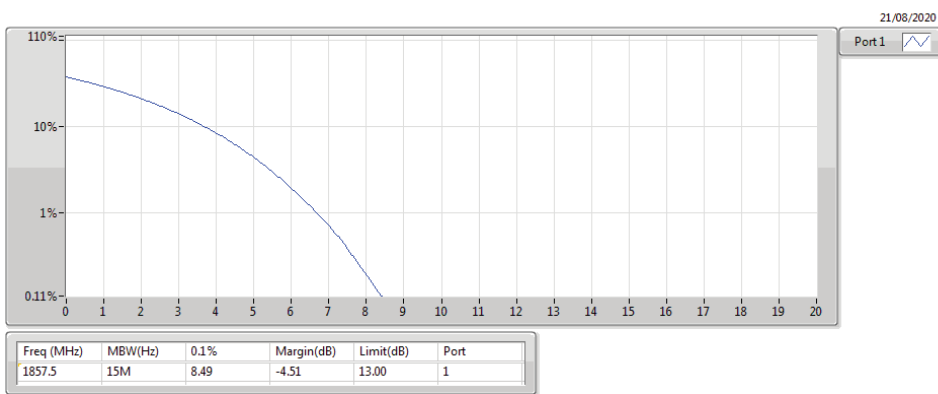
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PAR



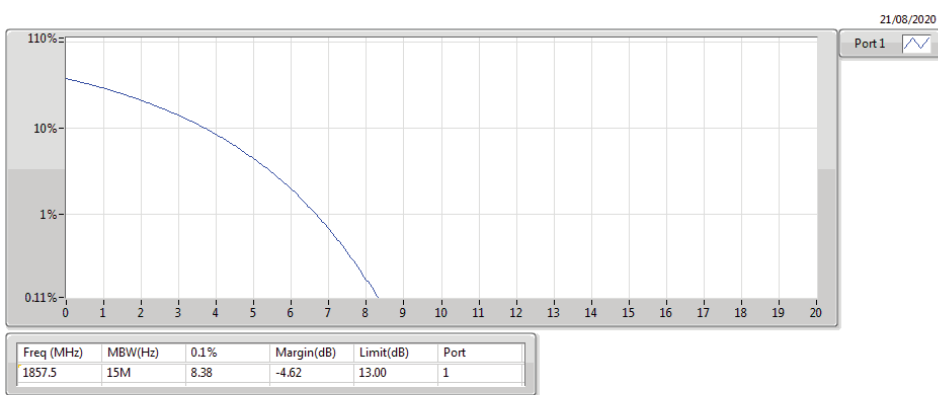
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1857.5MHz_QPSK_RB 1,#RB M

PAR



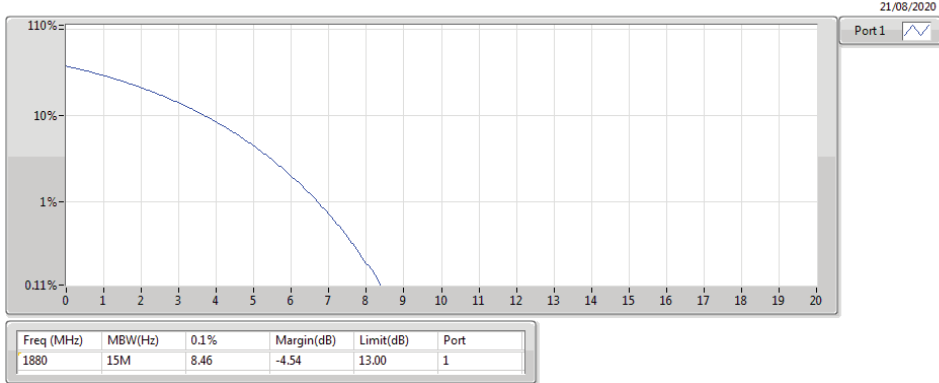
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PAR



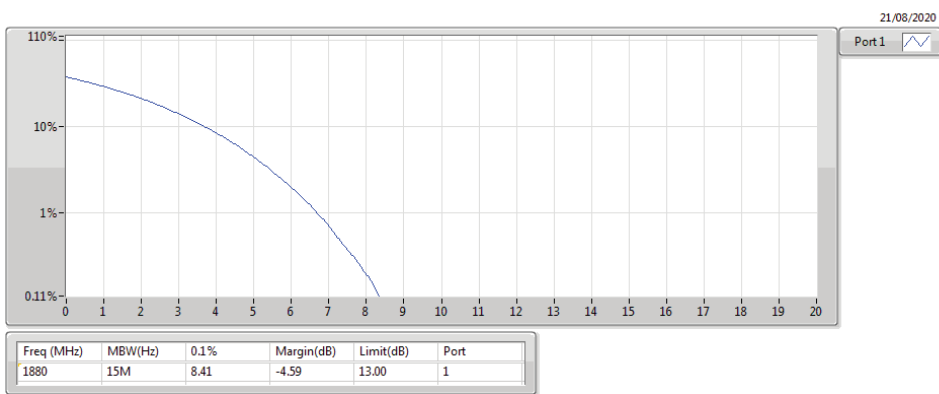
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PAR



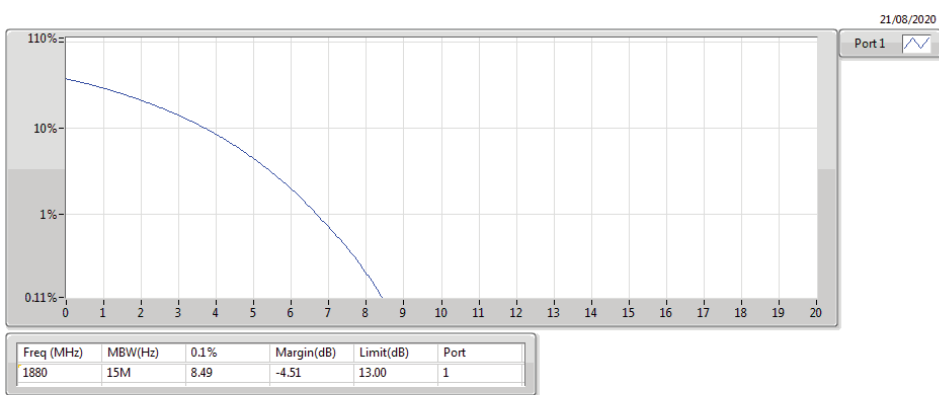
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PAR



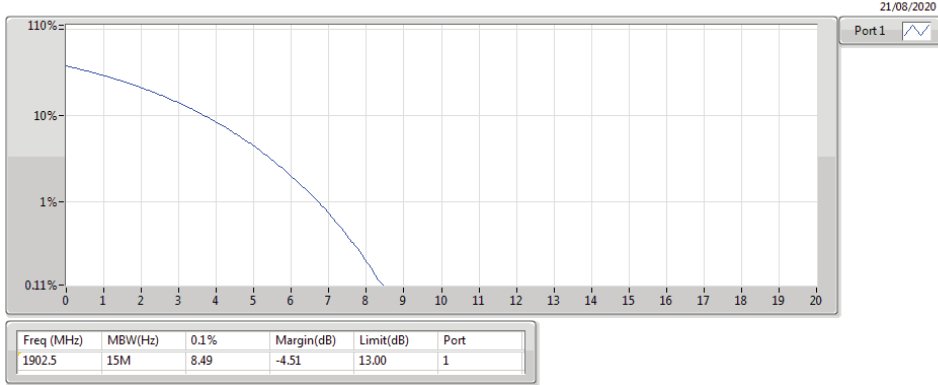
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1880MHz_QPSK_RB 36,#RB M

PAR



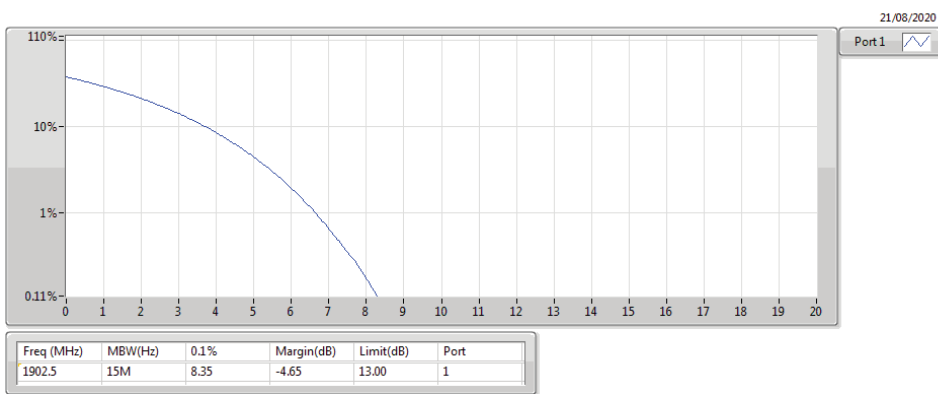
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 75,#RB 0

PAR



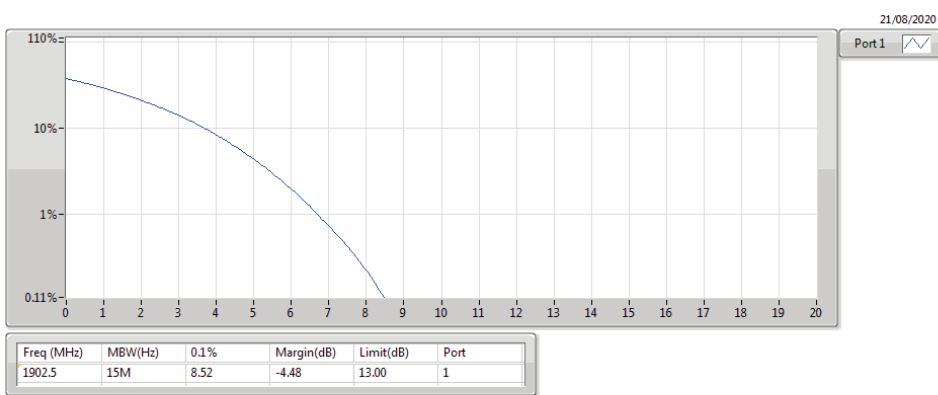
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 1,#RB M

PAR



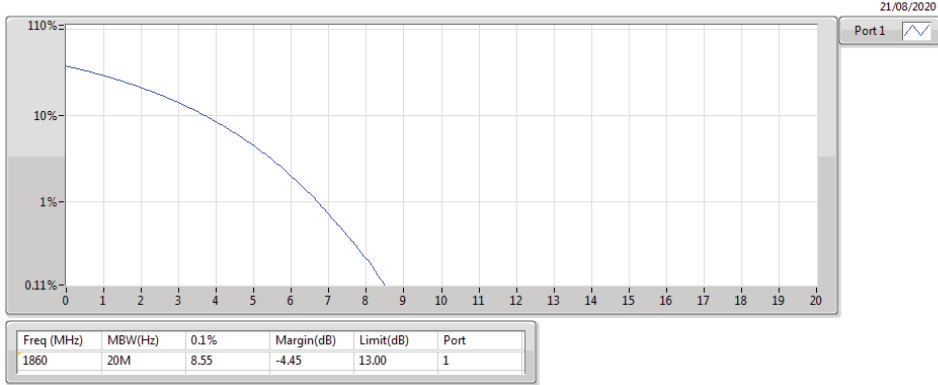
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 36,#RB M

PAR



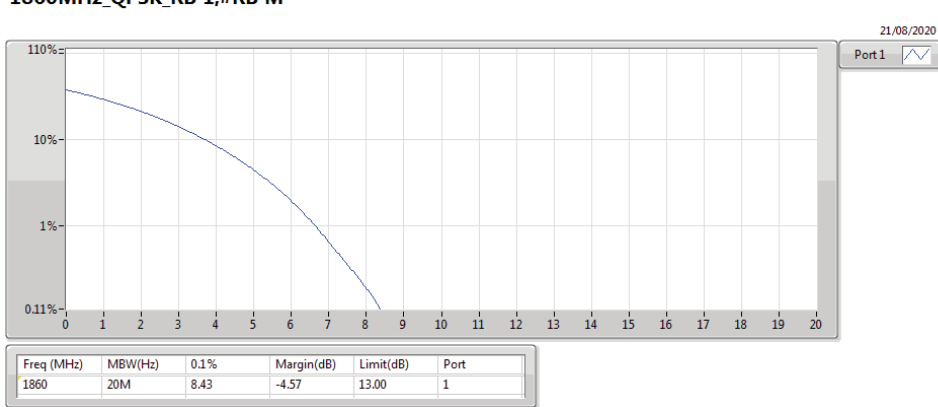
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

PAR



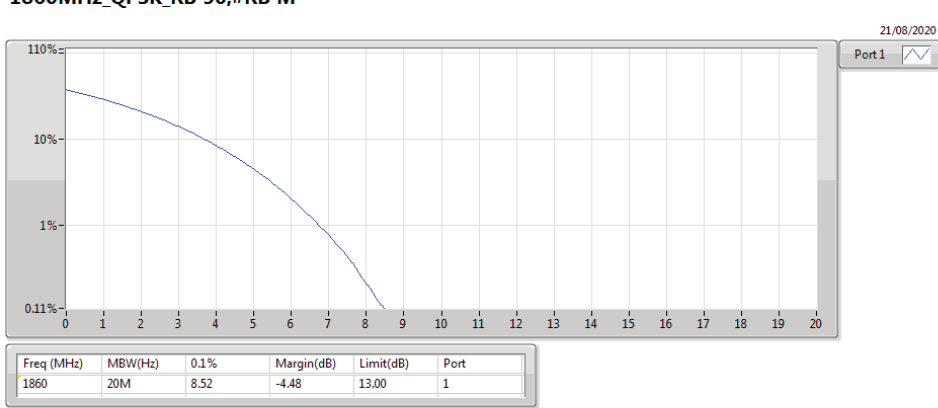
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 1,#RB M

PAR



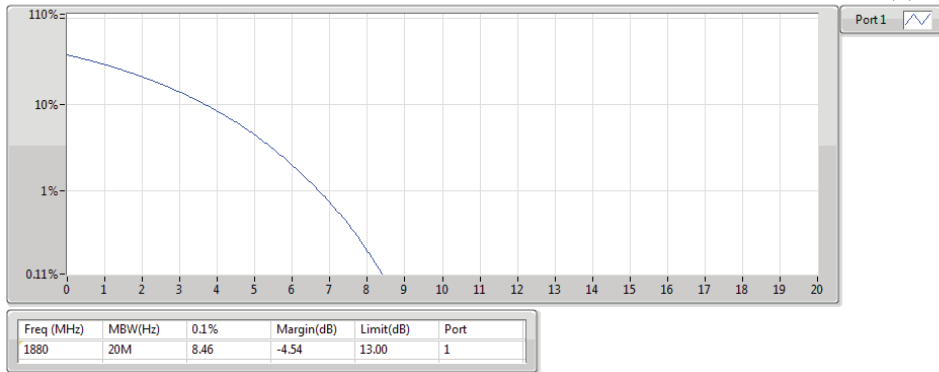
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 50,#RB M

PAR



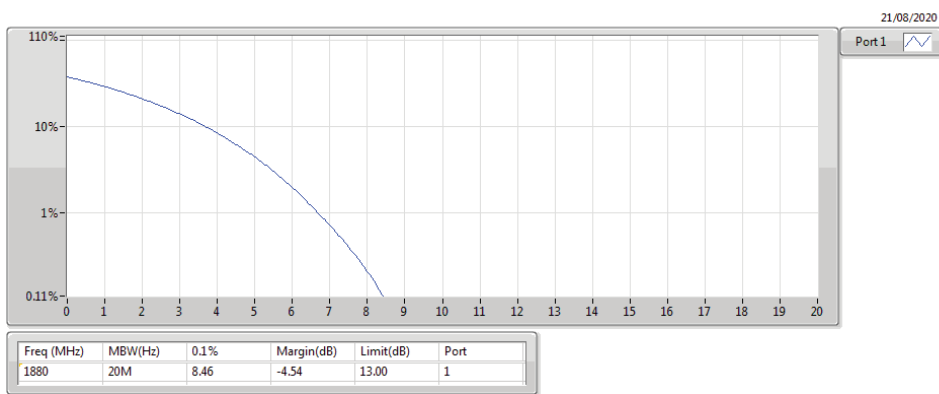
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

PAR



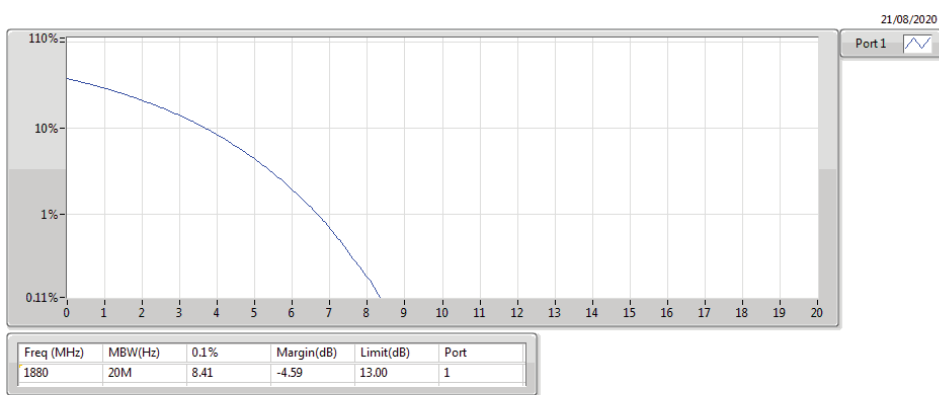
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



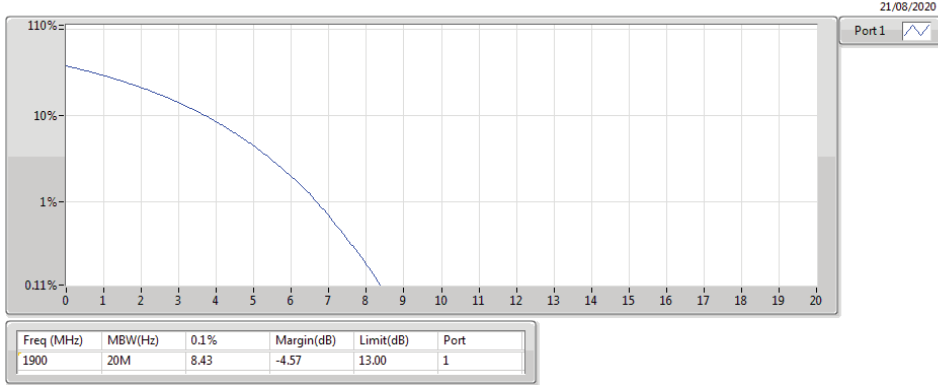
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 50,#RB M

PAR



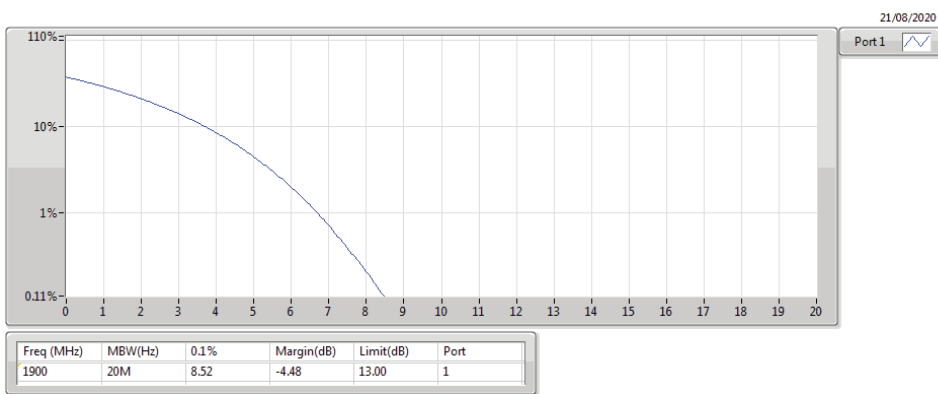
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

PAR



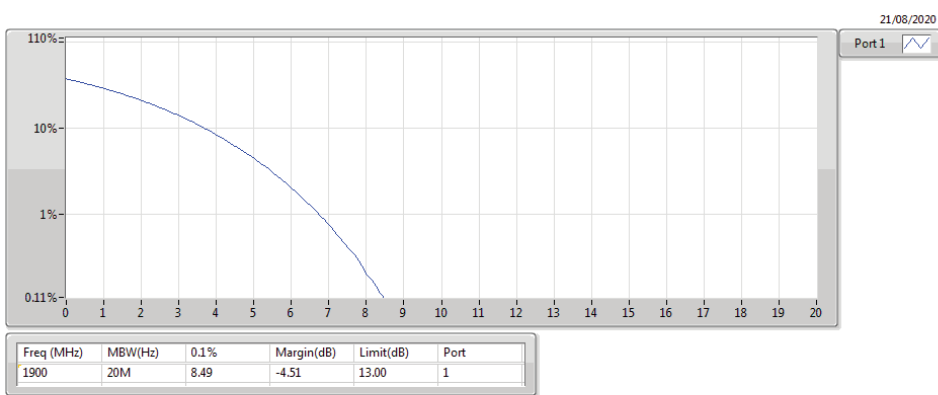
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 1,#RB M

PAR



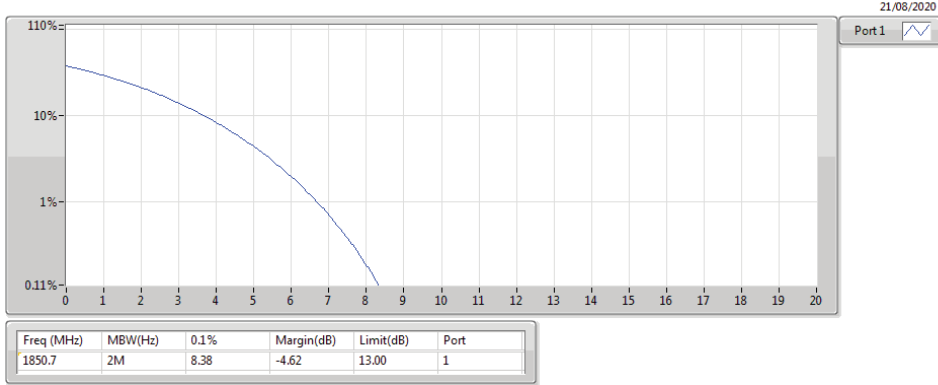
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 50,#RB M

PAR



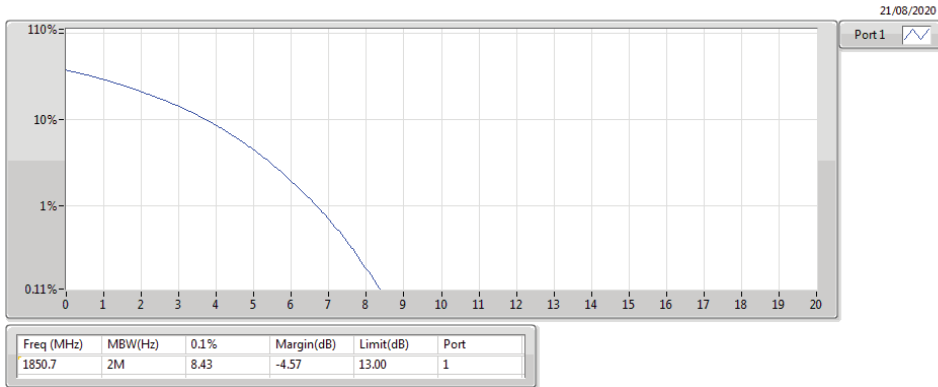
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 6,#RB 0

PAR



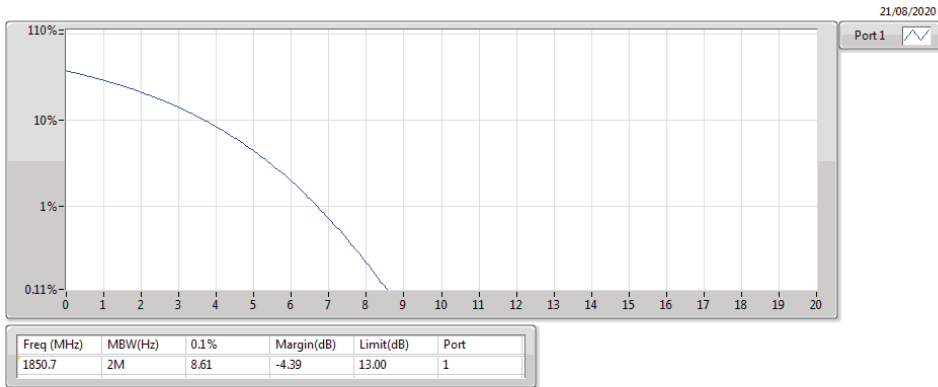
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 1,#RB M

PAR



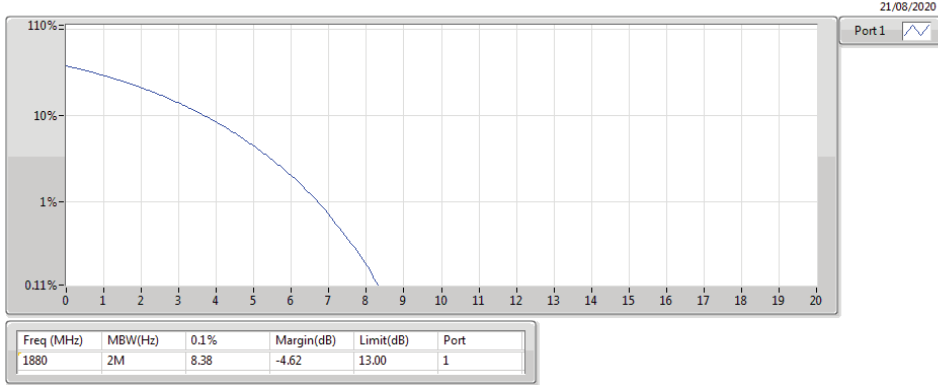
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 3,#RB M

PAR



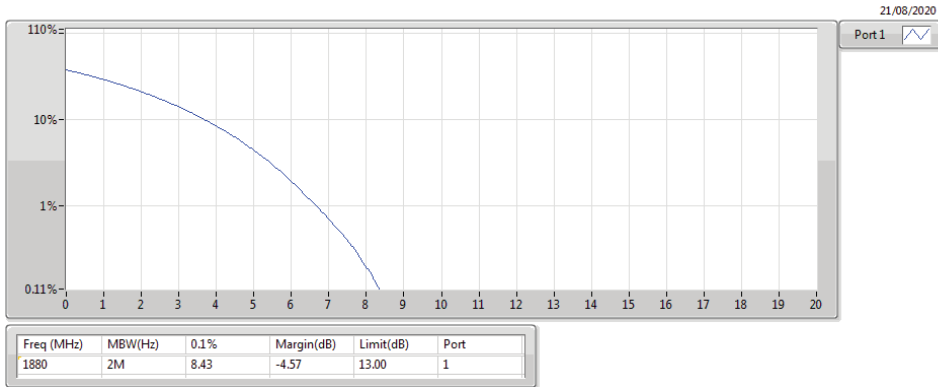
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1880MHz_16QAM_RB 6,#RB 0

PAR



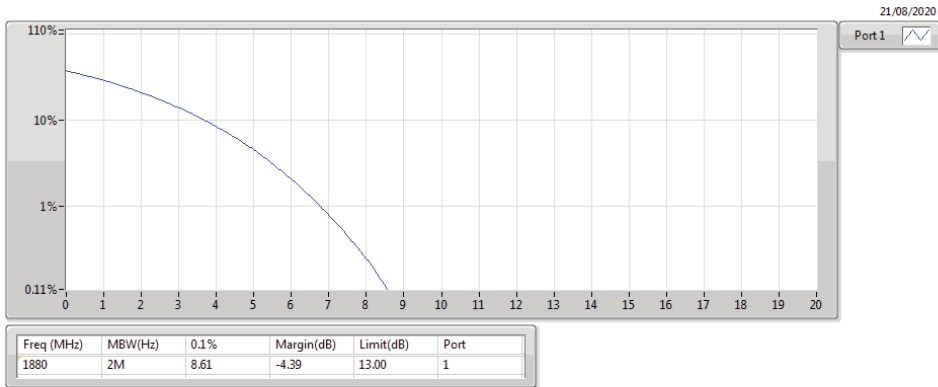
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

PAR



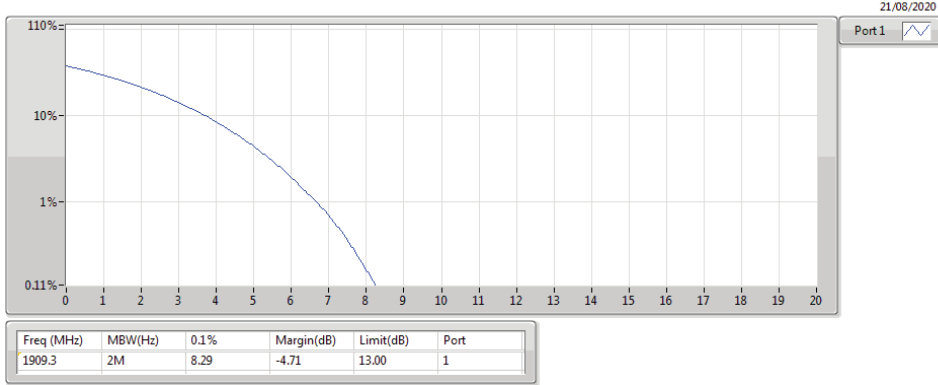
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 3,#RB M

PAR



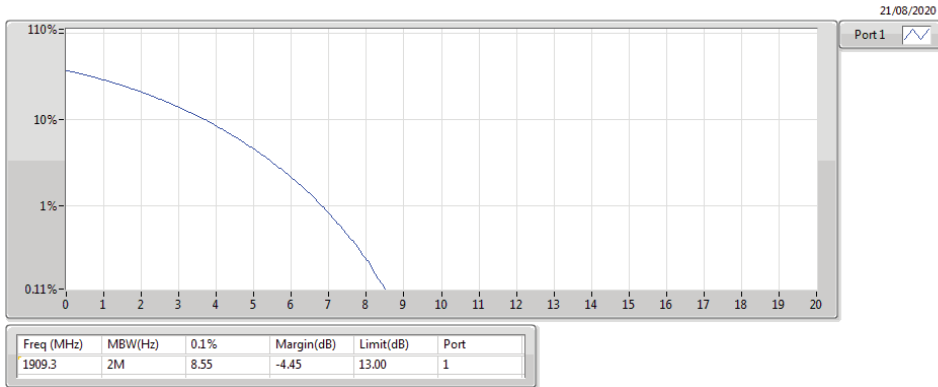
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

PAR



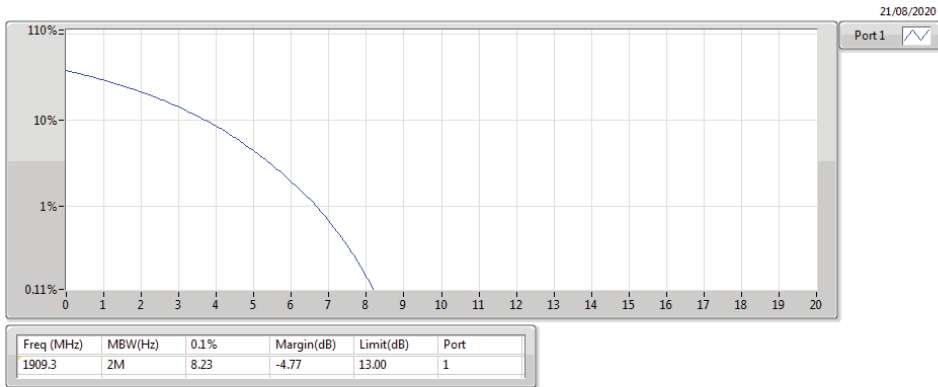
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 1,#RB M

PAR



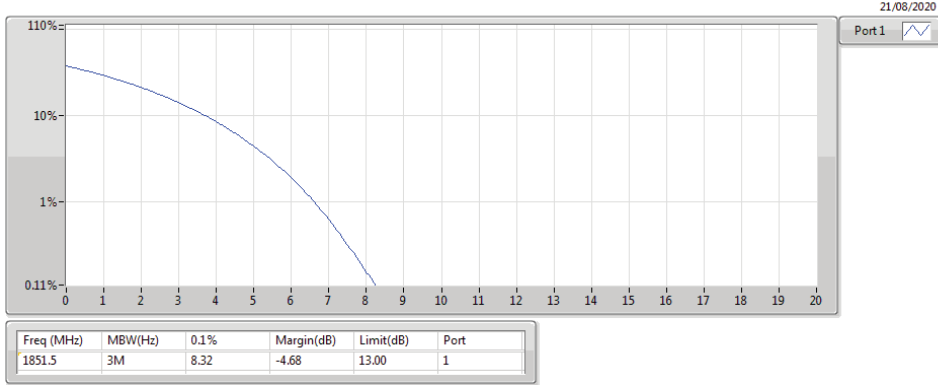
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 3,#RB M

PAR



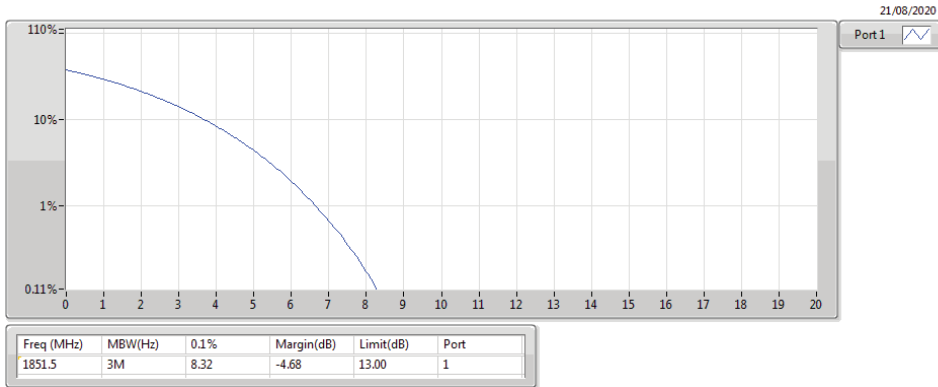
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 15,#RB 0

PAR



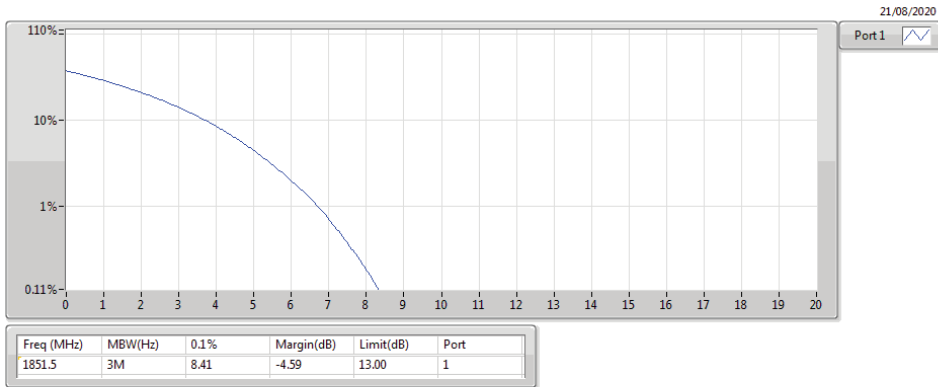
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 1,#RB M

PAR



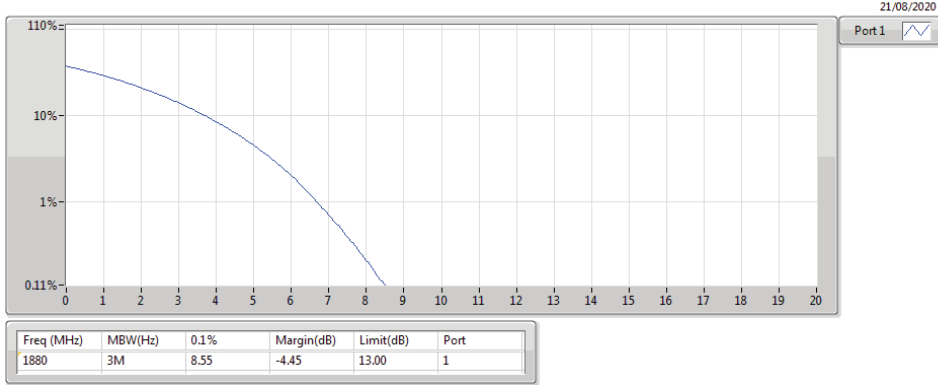
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 8,#RB M

PAR



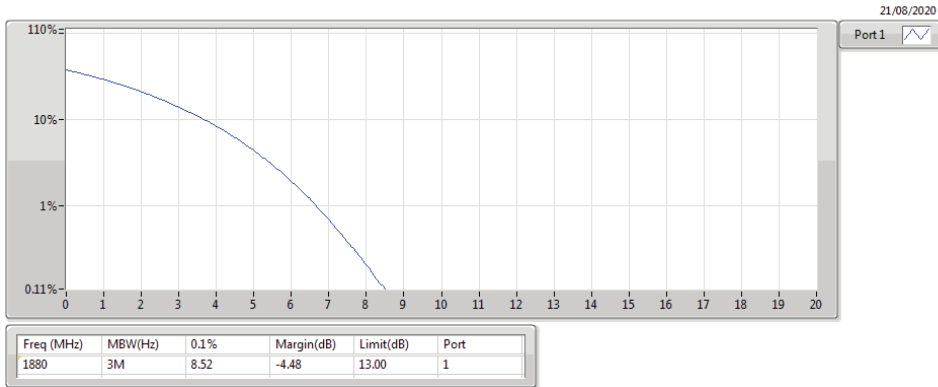
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 15,#RB 0

PAR



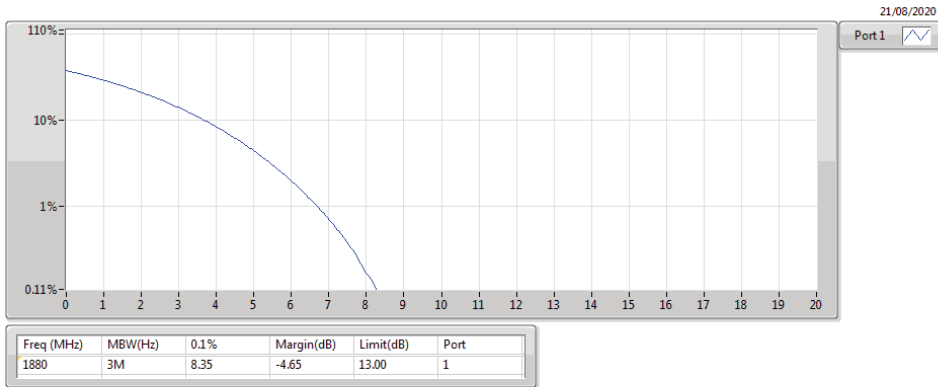
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

PAR



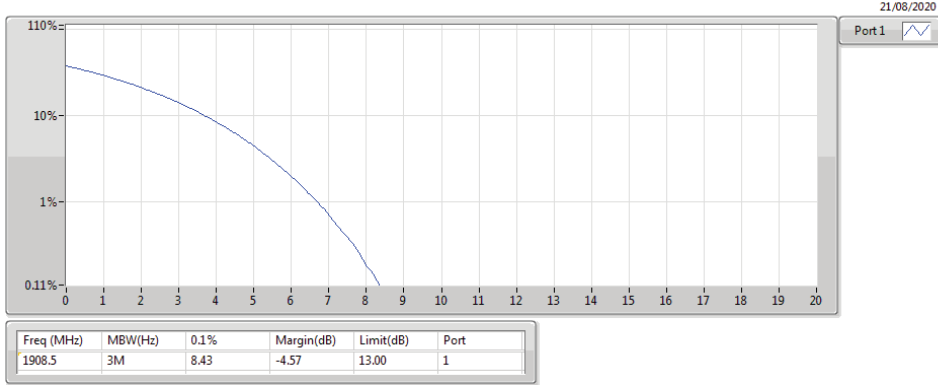
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 8,#RB M

PAR



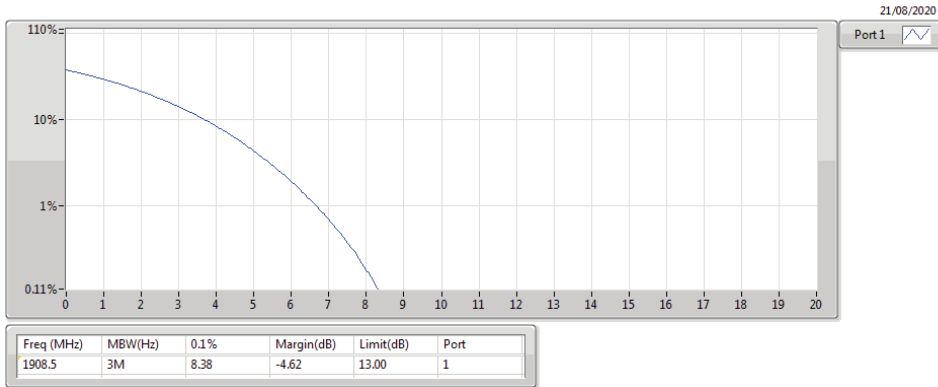
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

PAR



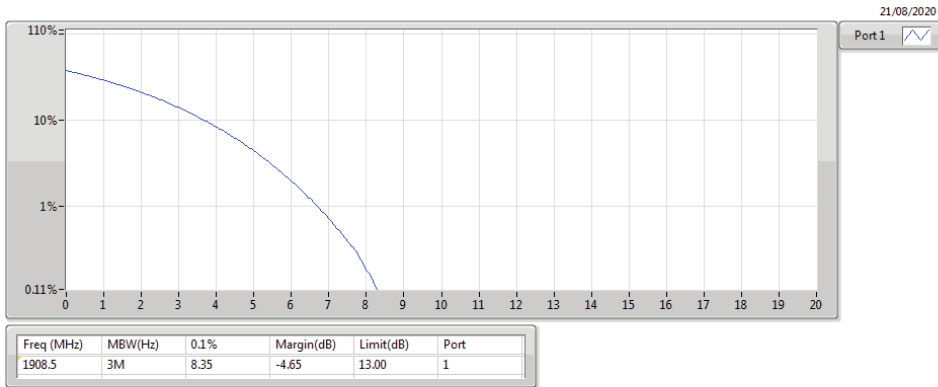
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 1,#RB M

PAR



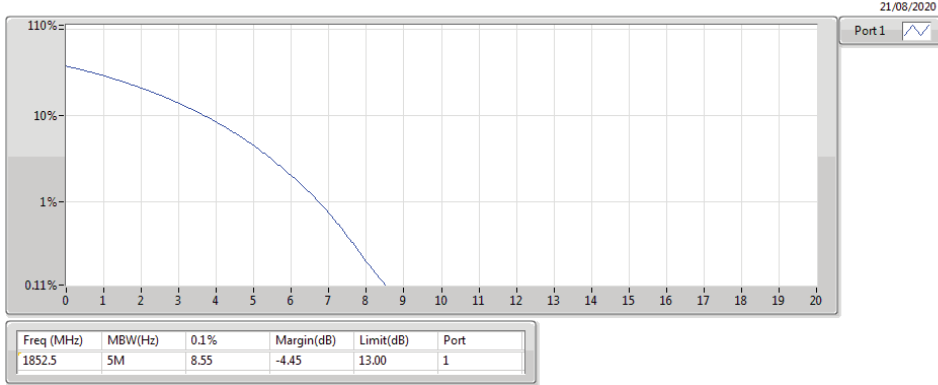
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 8,#RB M

PAR



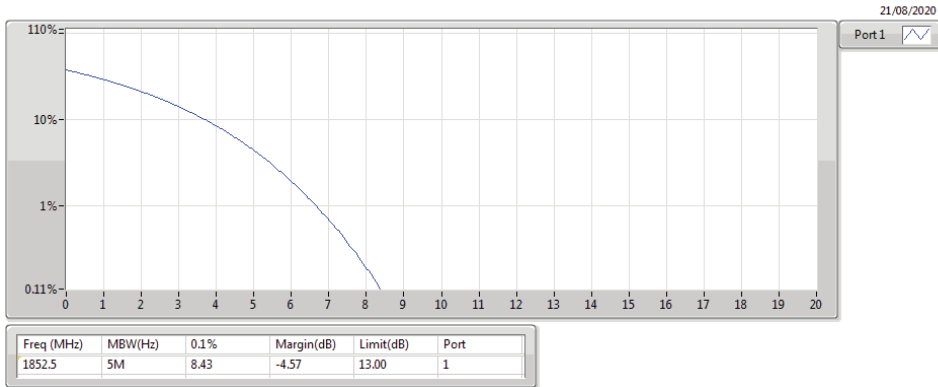
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 25,#RB 0

PAR



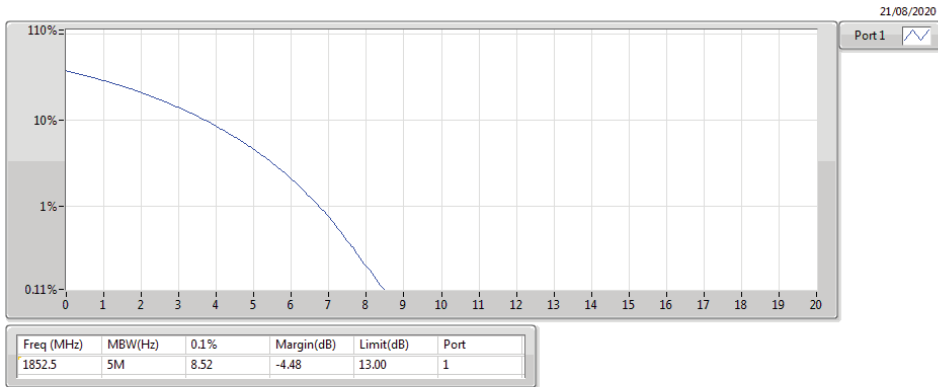
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 1,#RB M

PAR



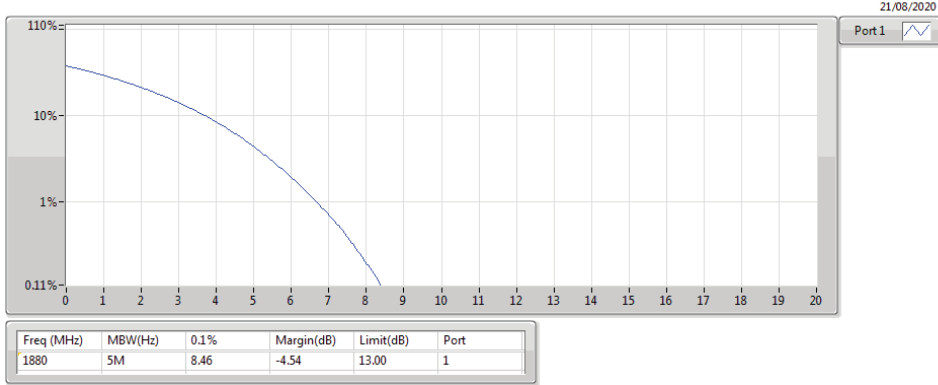
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 12,#RB M

PAR



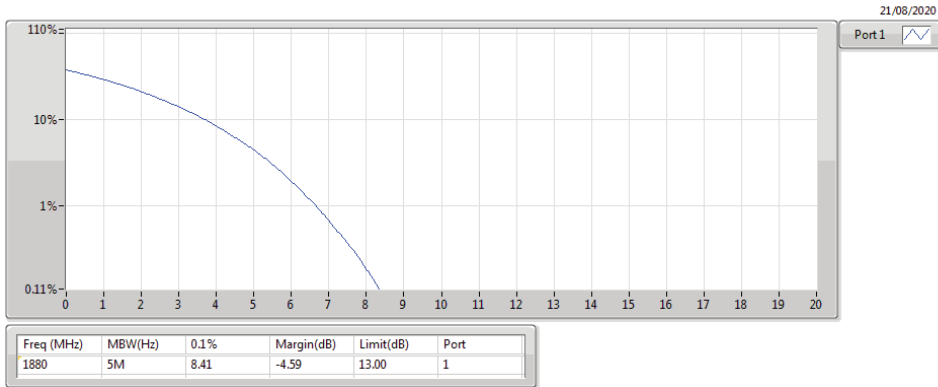
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB 0

PAR



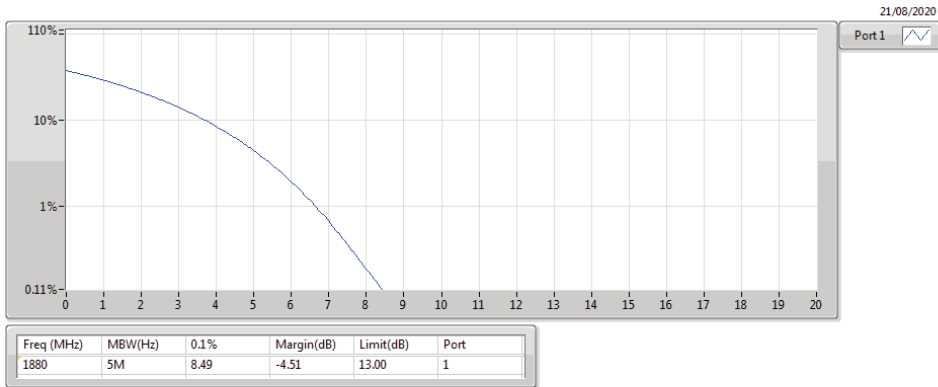
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

PAR



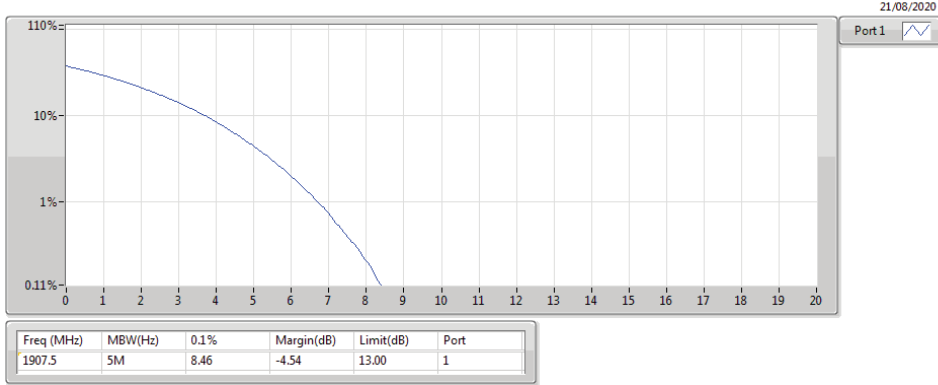
Band 2_LTE_5MHz_Nss1,16QAM_1TX
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PAR



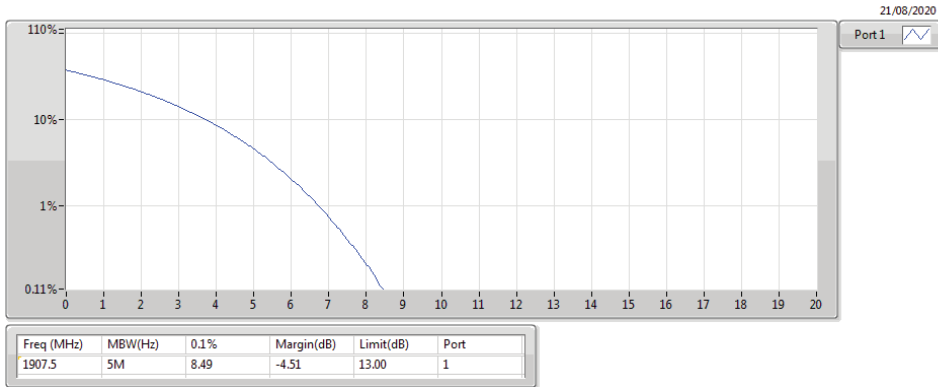
Band 2_LTE_5MHz_Nss1,16QAM_1TX
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PAR



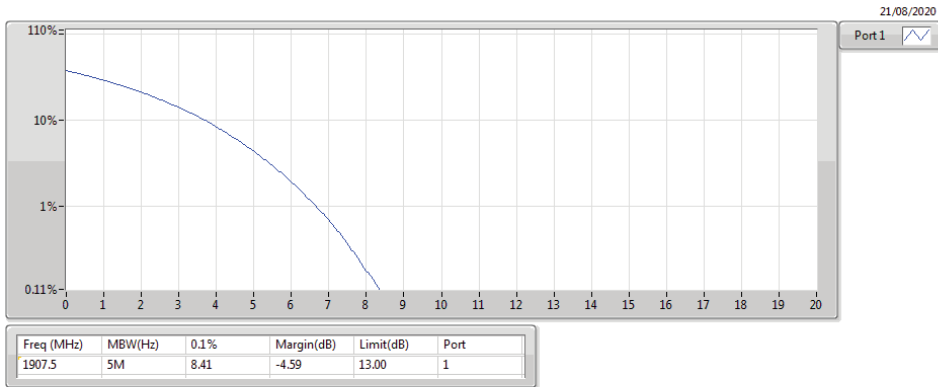
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PAR



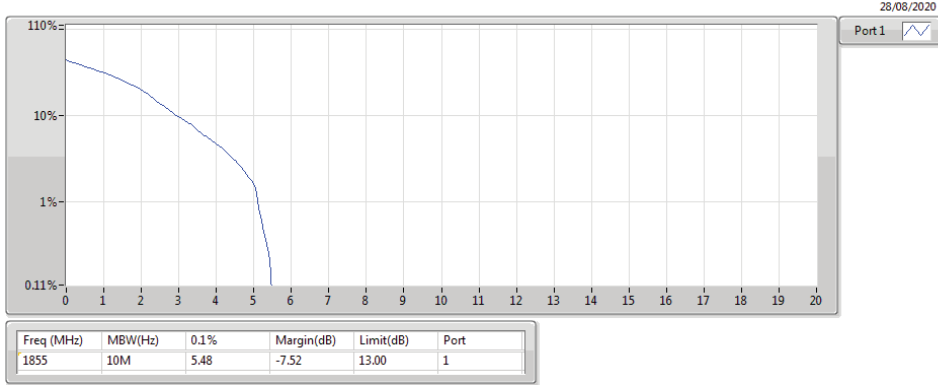
Band 2_LTE_5MHz_Nss1,16QAM_1TX
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PAR



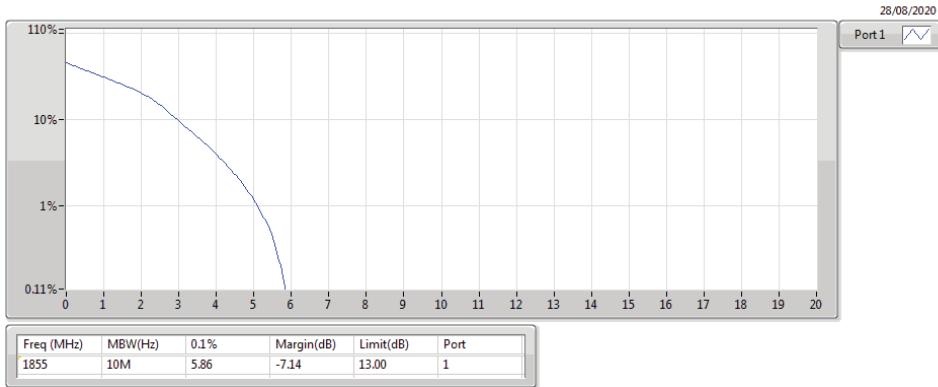
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PAR



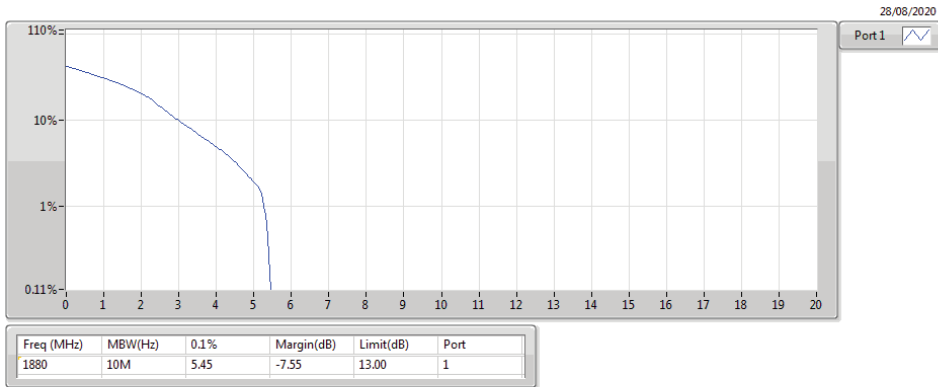
Band 2_LTE_10MHz_Nss1,16QAM_1TX
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PAR



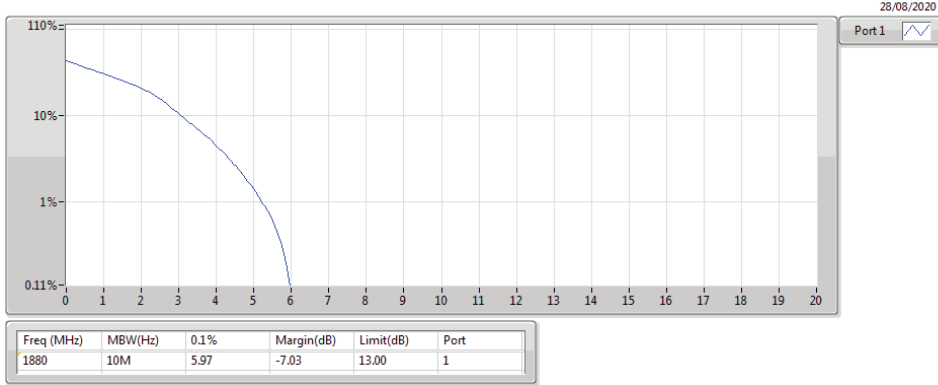
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PAR



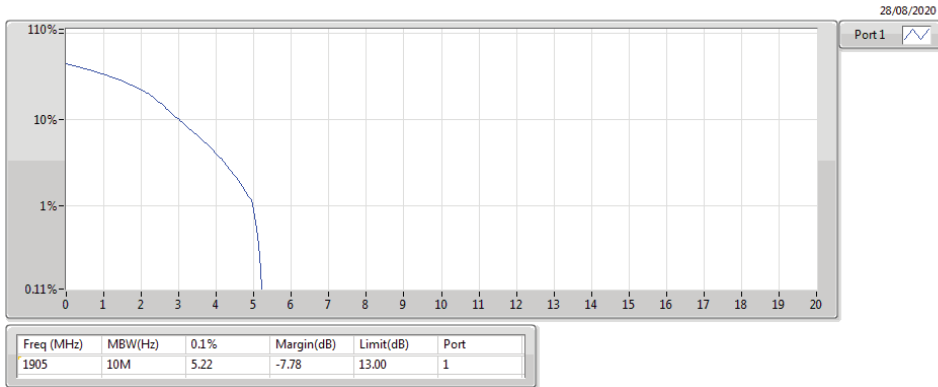
Band 2_LTE_10MHz_Nss1,16QAM_1TX
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PAR



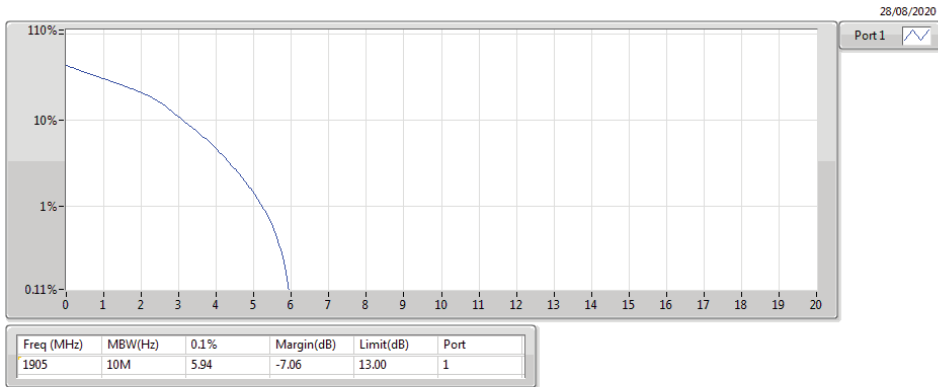
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PAR



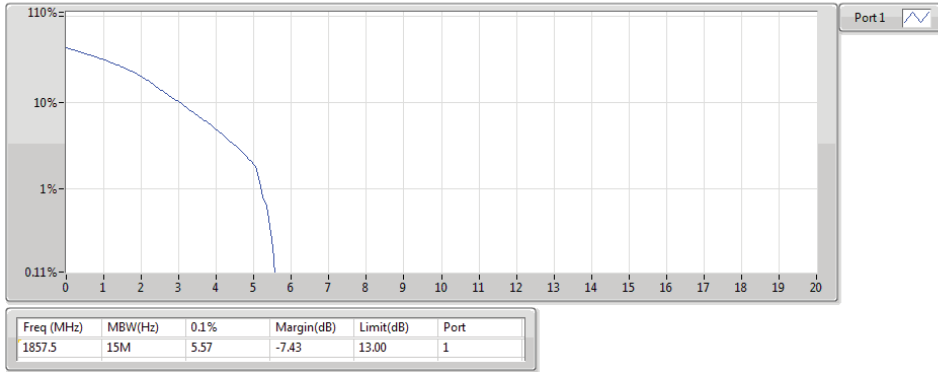
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PAR



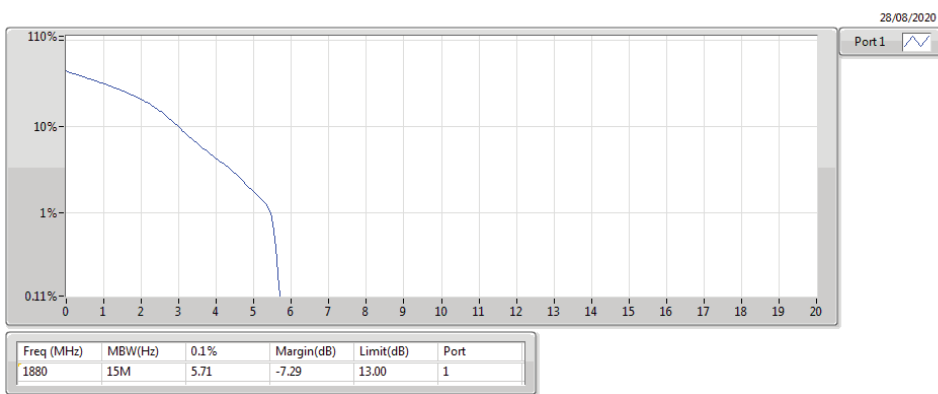
Band 2_LTE_15MHz_Nss1,16QAM_1TX
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PAR



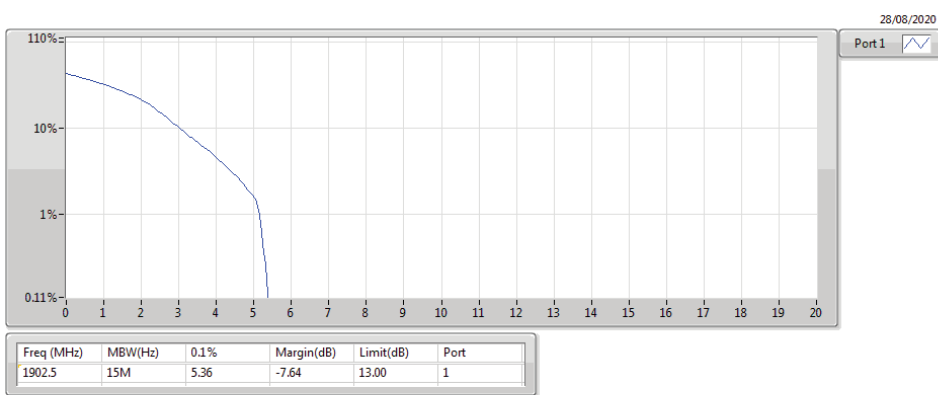
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1880MHz_16QAM_RB 1,#RB M

PAR



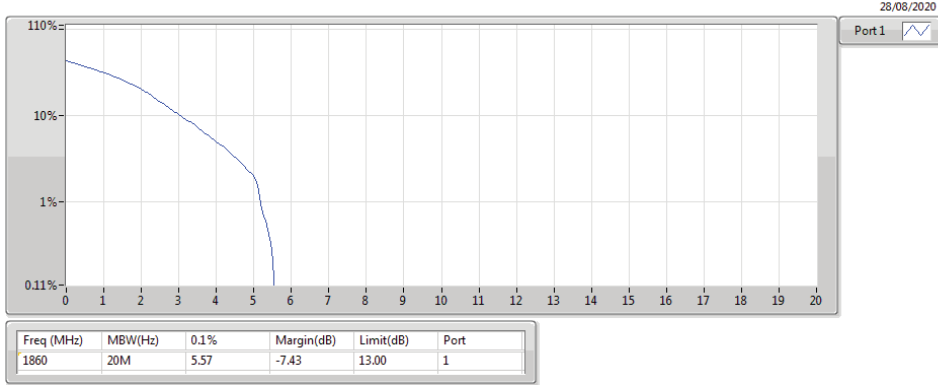
Band 2_LTE_15MHz_Nss1,16QAM_1TX
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PAR



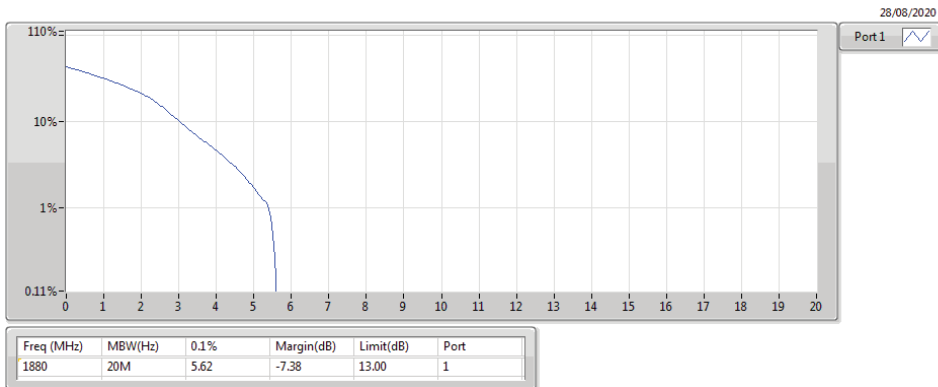
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 1,#RB M

PAR



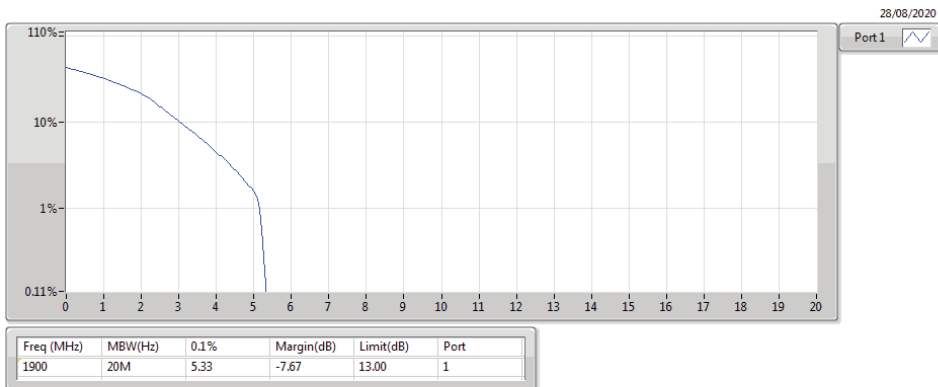
Band 2_LTE_20MHz_Nss1,16QAM_1TX
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PAR



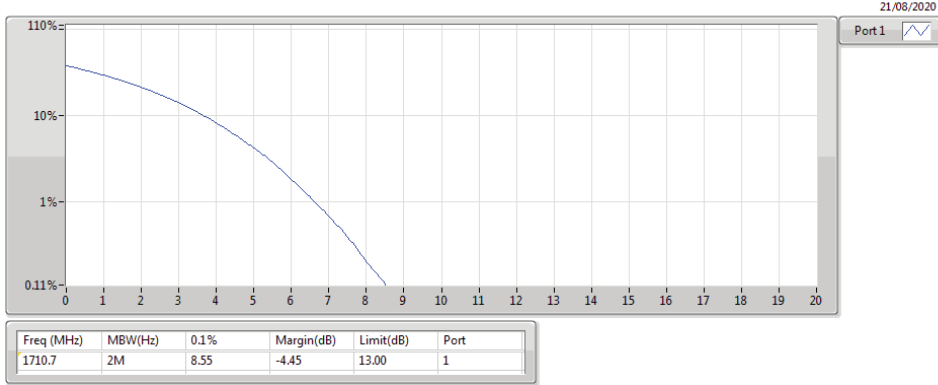
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM_RB 1,#RB M

PAR



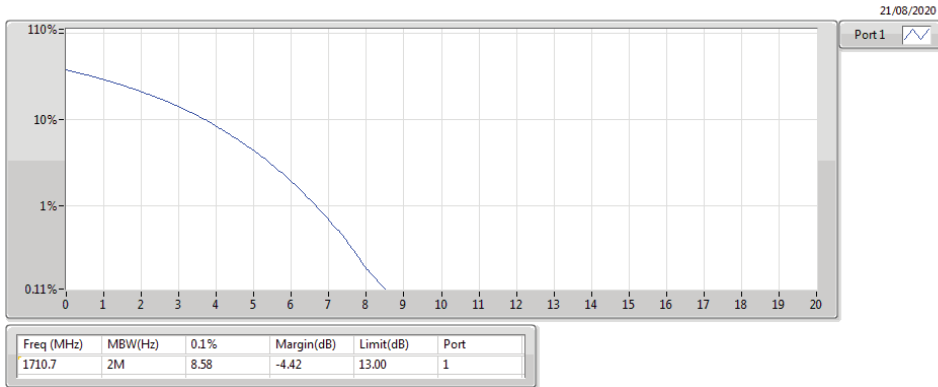
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1710.7MHz_QPSK_RB 6,#RB 0

PAR



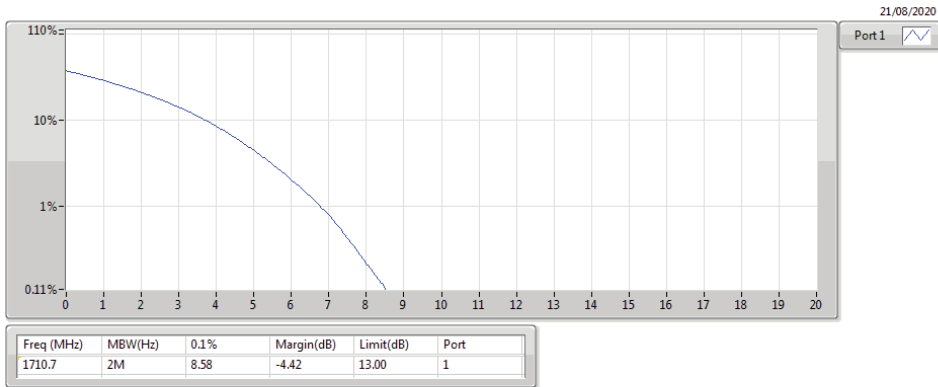
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1710.7MHz_QPSK_RB 1,#RB M

PAR



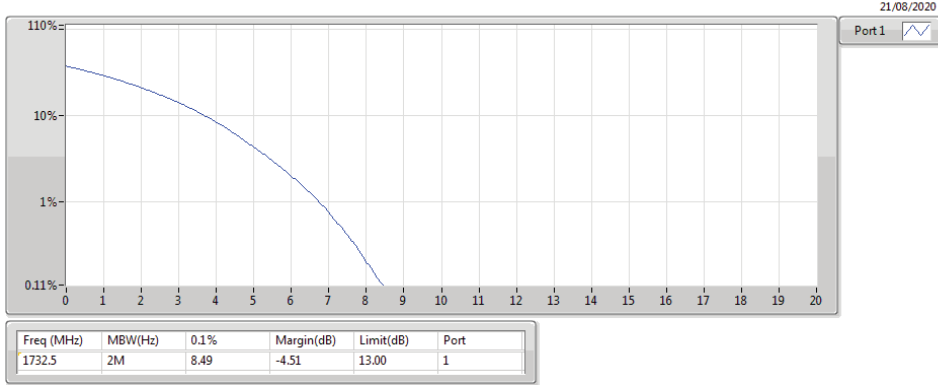
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
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PAR



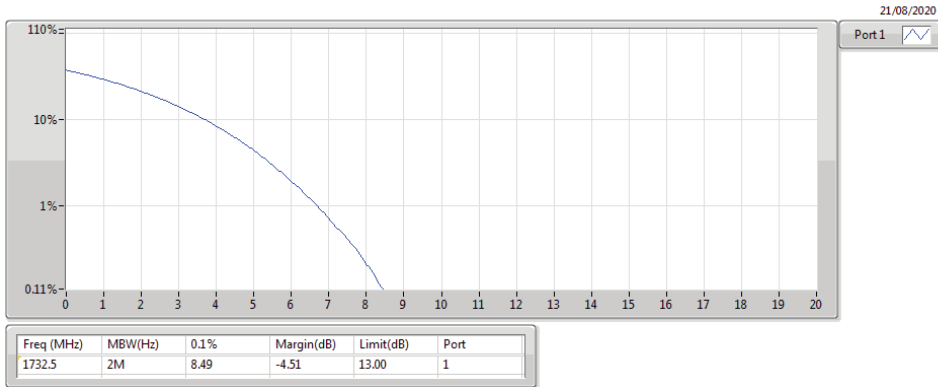
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PAR



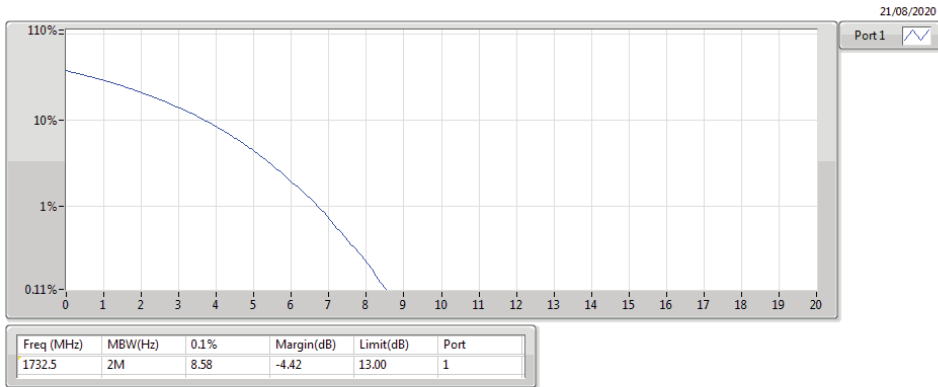
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

PAR



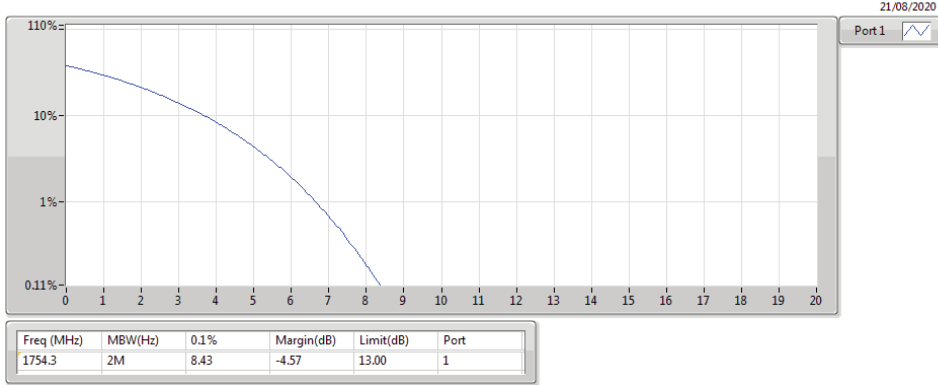
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PAR



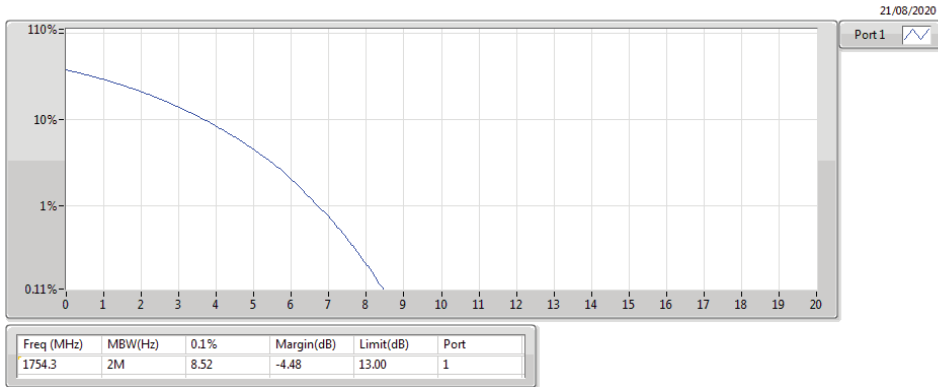
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PAR



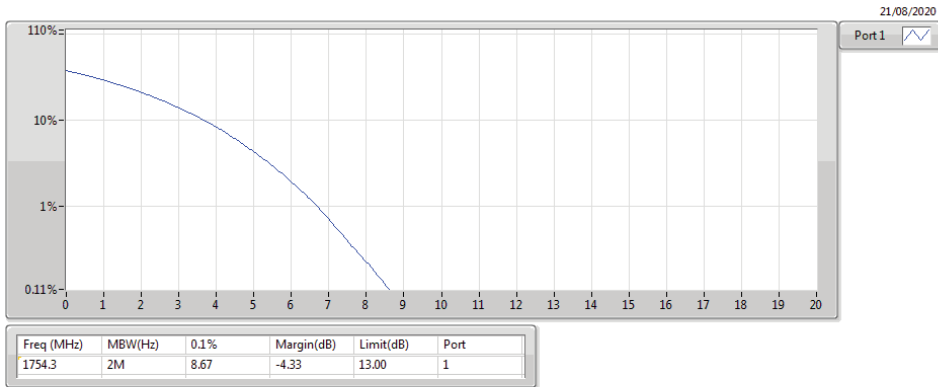
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1754.3MHz_QPSK_RB 1,#RB M

PAR



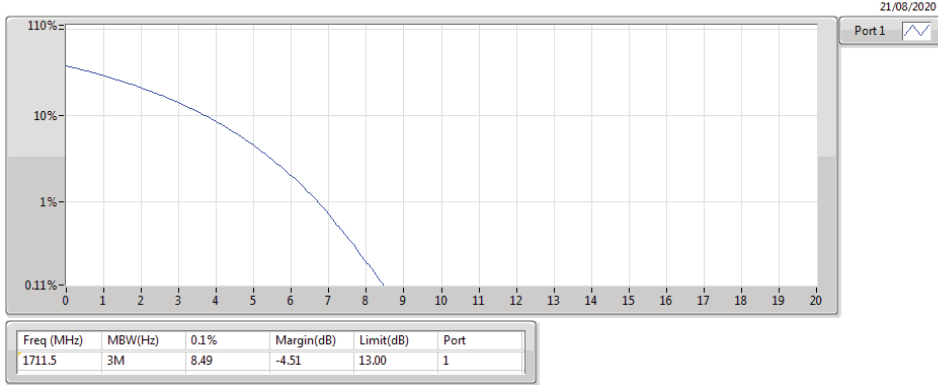
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1754.3MHz_QPSK_RB 3,#RB M

PAR



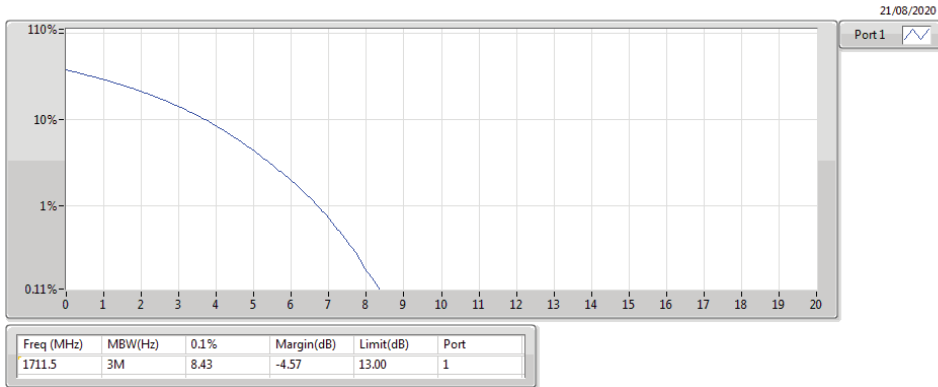
Band 4_LTE_3MHz_Nss1,QPSK_1TX
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PAR



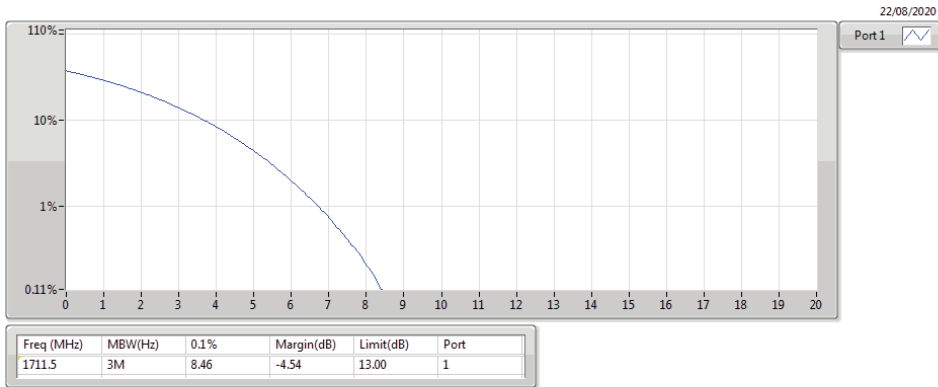
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PAR



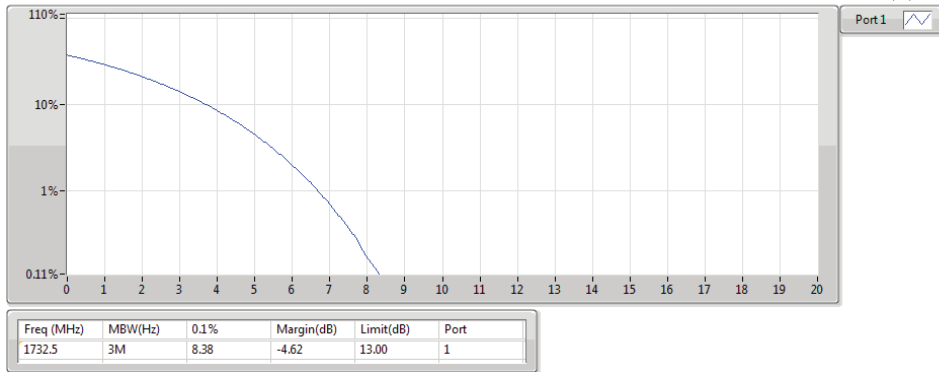
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PAR



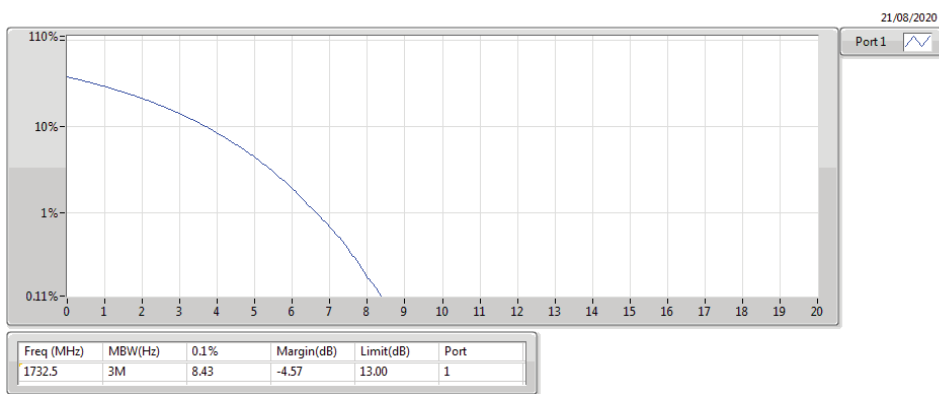
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PAR



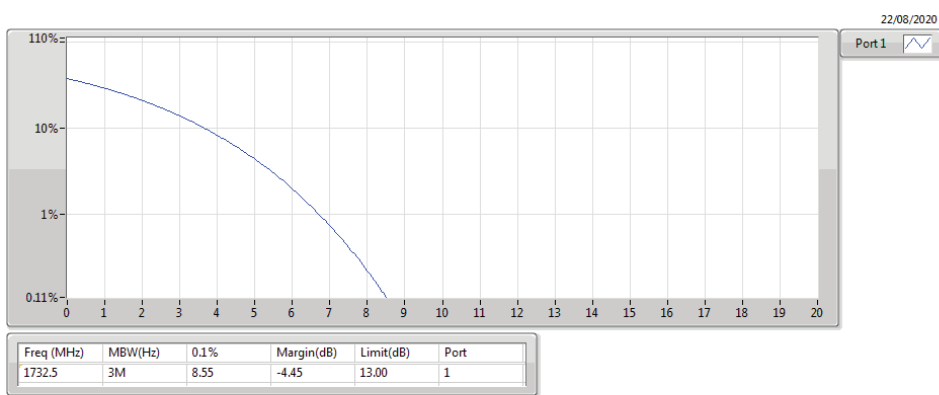
Band 4_LTE_3MHz_Nss1,QPSK_1TX
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PAR



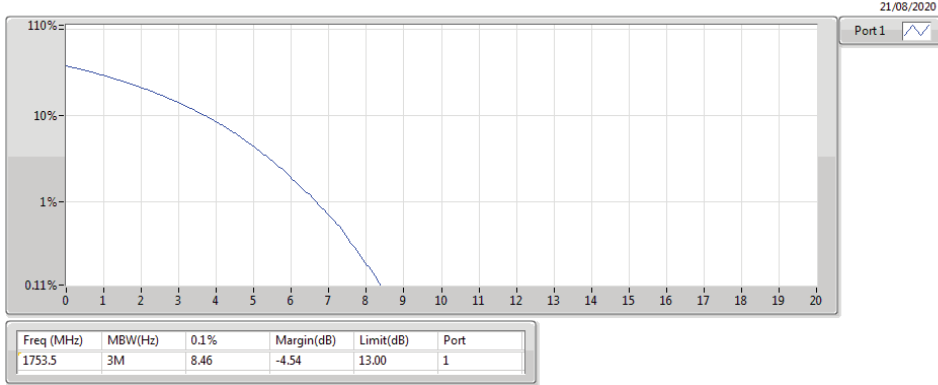
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1732.5MHz_QPSK_RB 8,#RB M

PAR



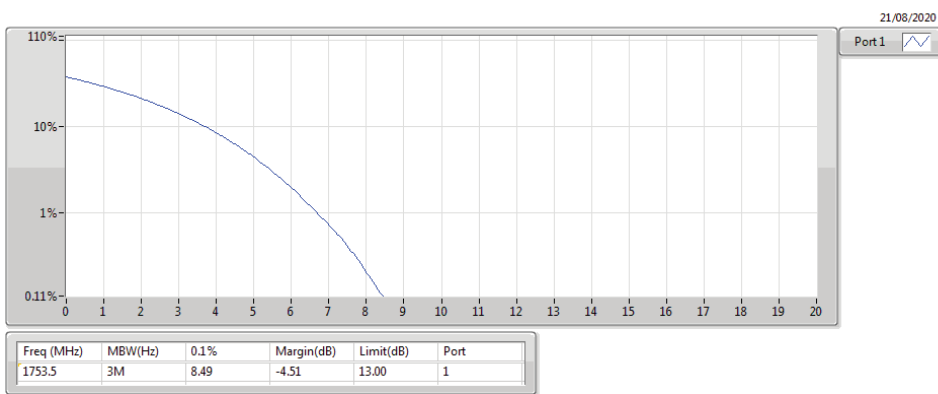
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PAR



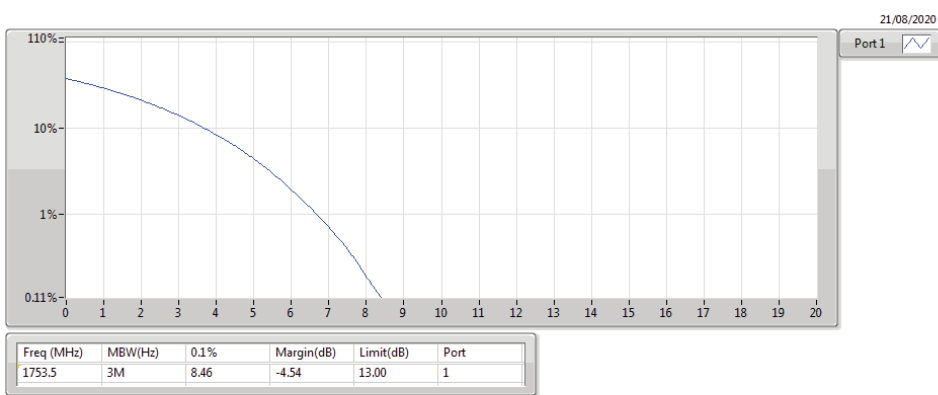
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1753.5MHz_QPSK_RB 1,#RB M

PAR



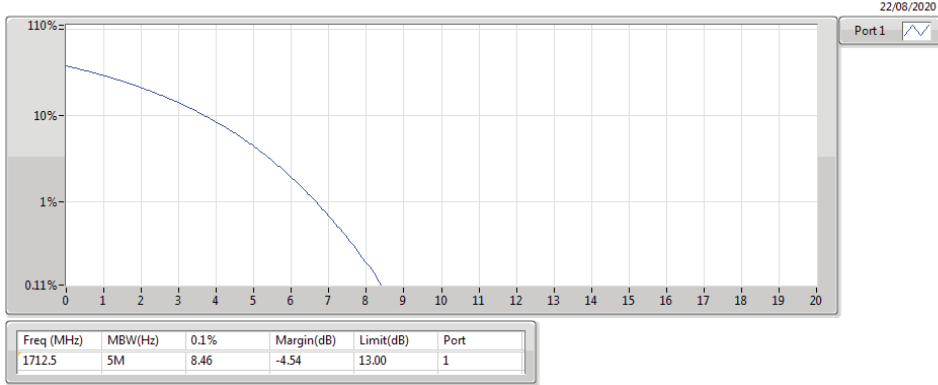
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PAR



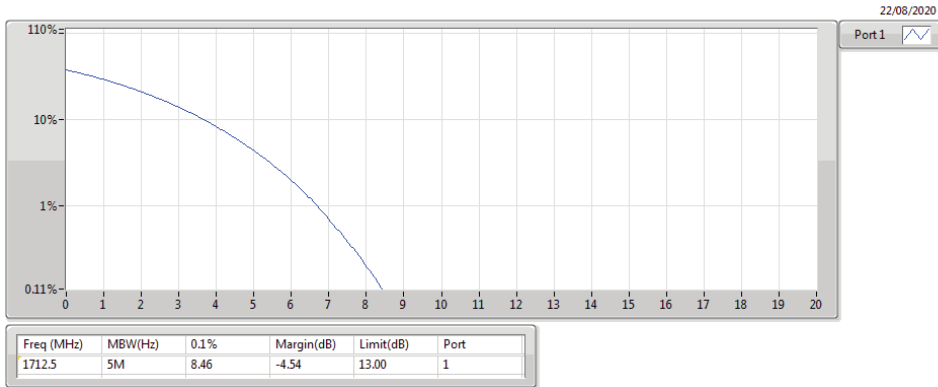
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1712.5MHz_QPSK_RB 25,#RB 0

PAR



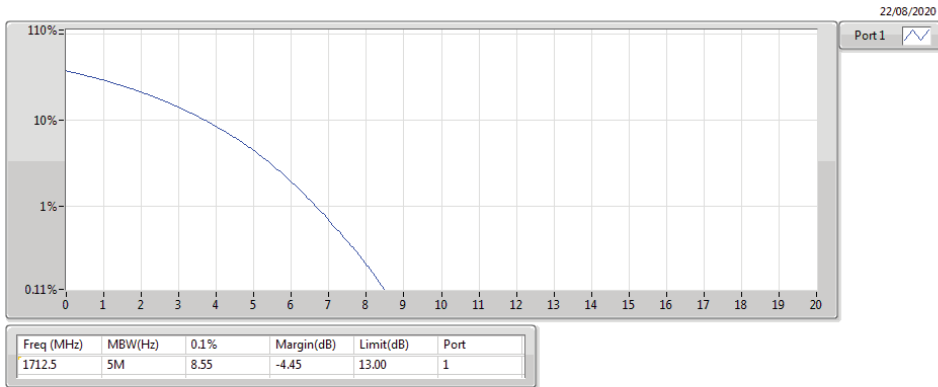
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PAR



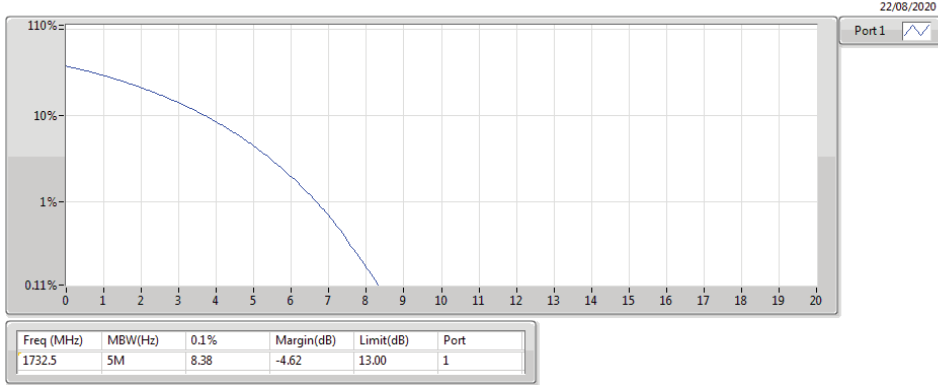
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PAR



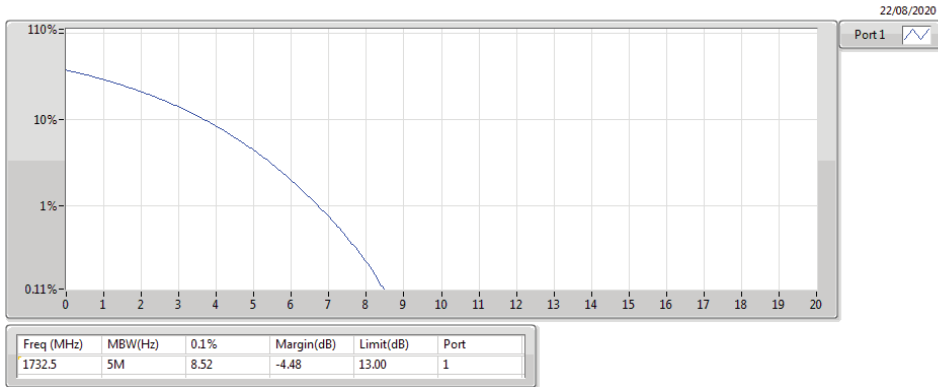
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PAR



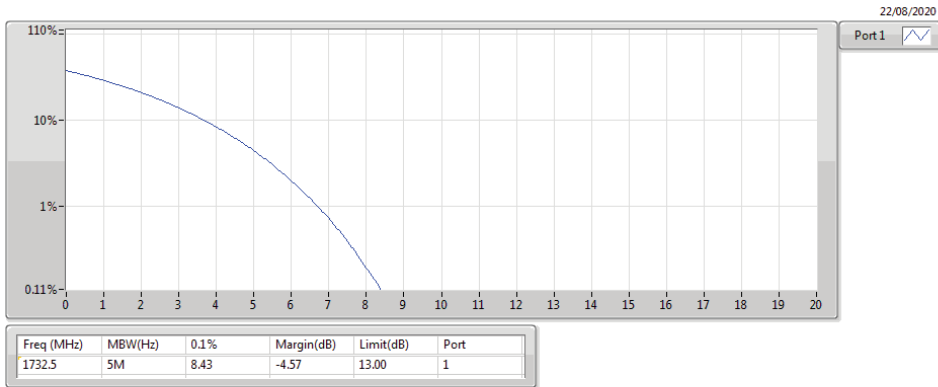
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PAR



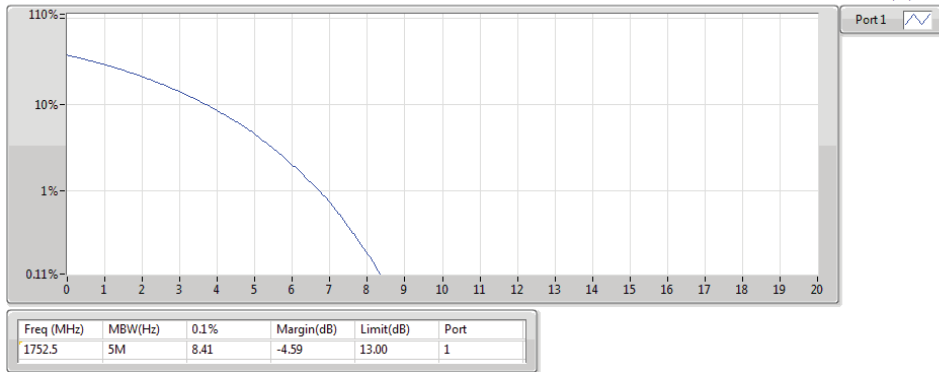
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PAR



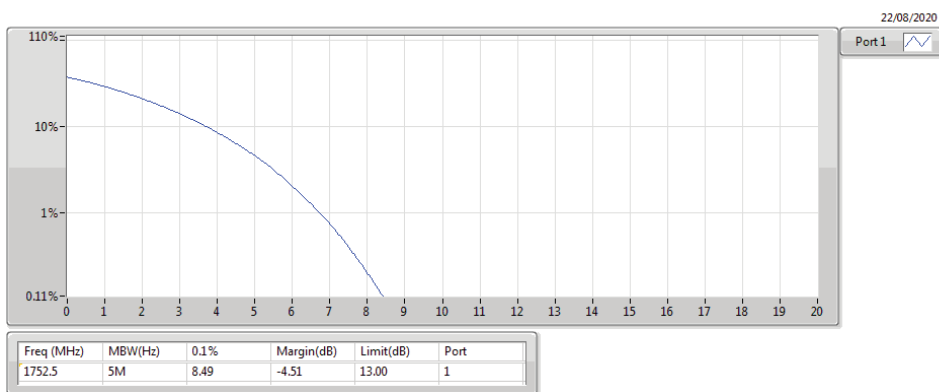
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PAR



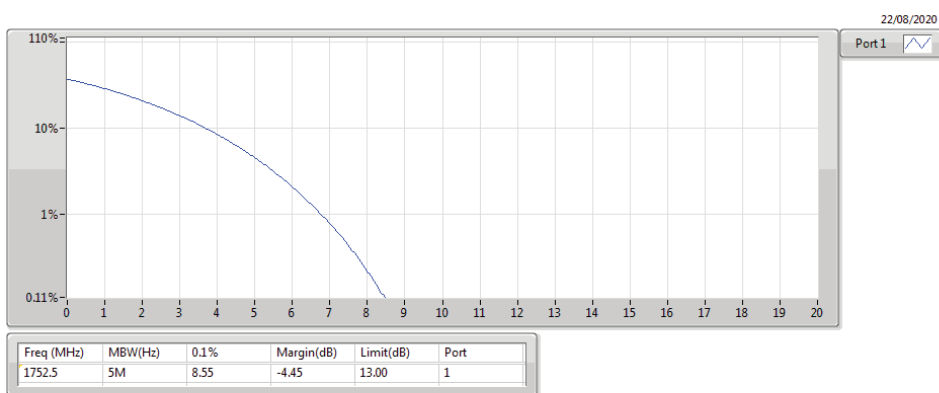
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PAR



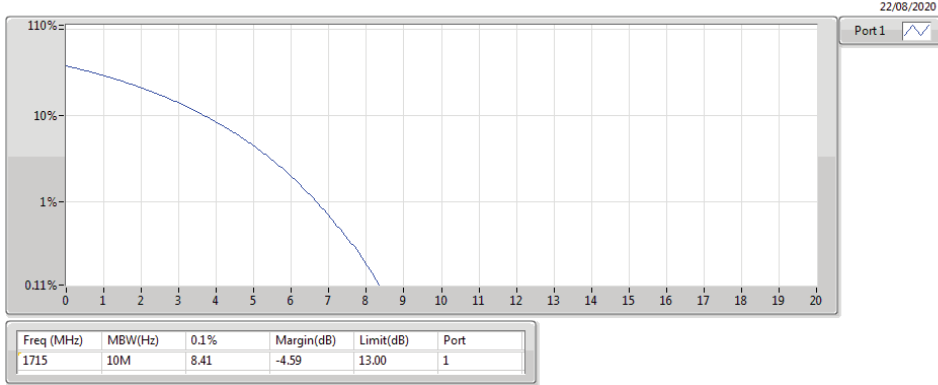
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PAR



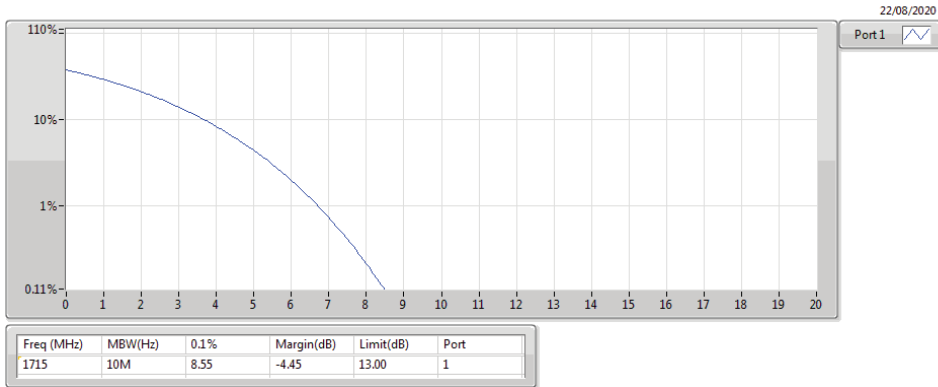
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PAR



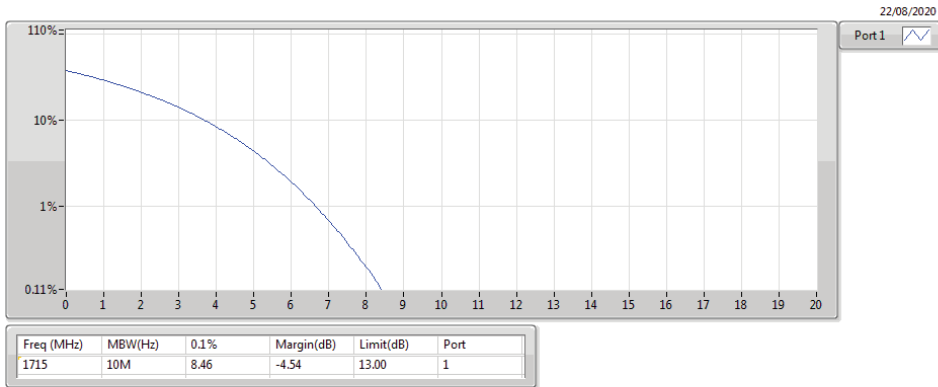
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PAR



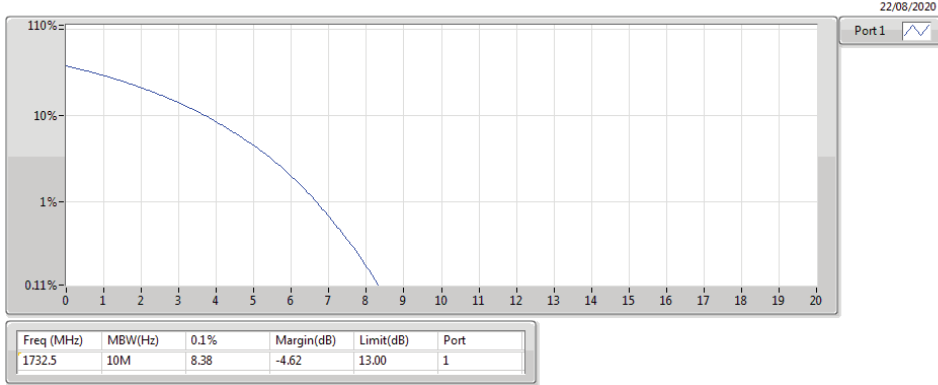
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PAR



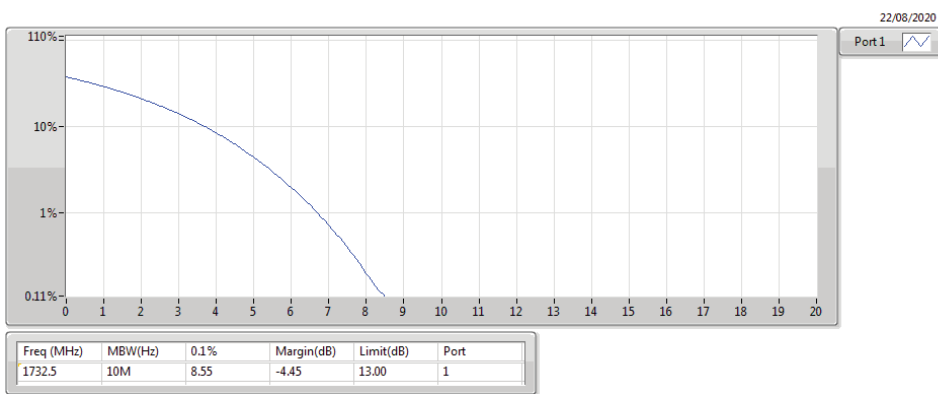
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PAR



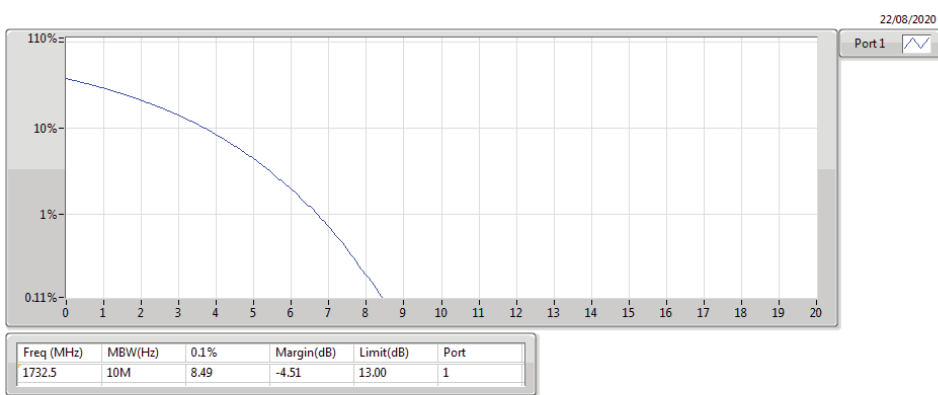
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PAR



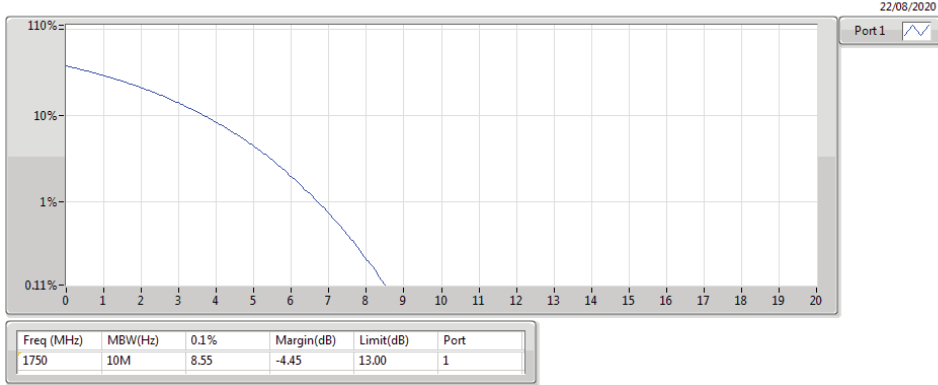
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PAR



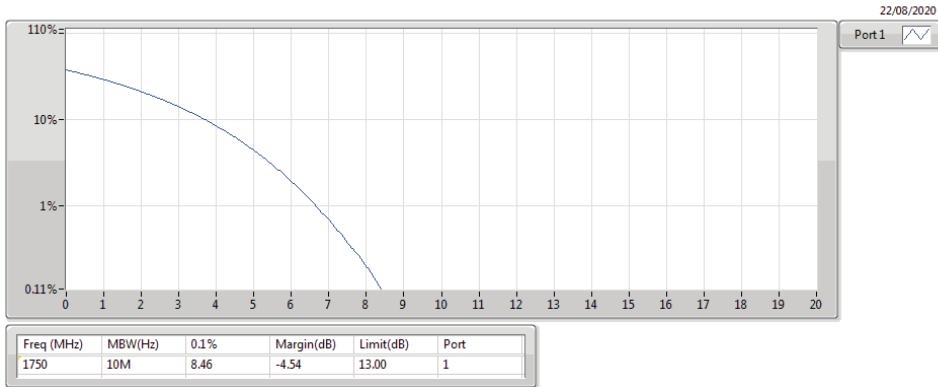
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PAR



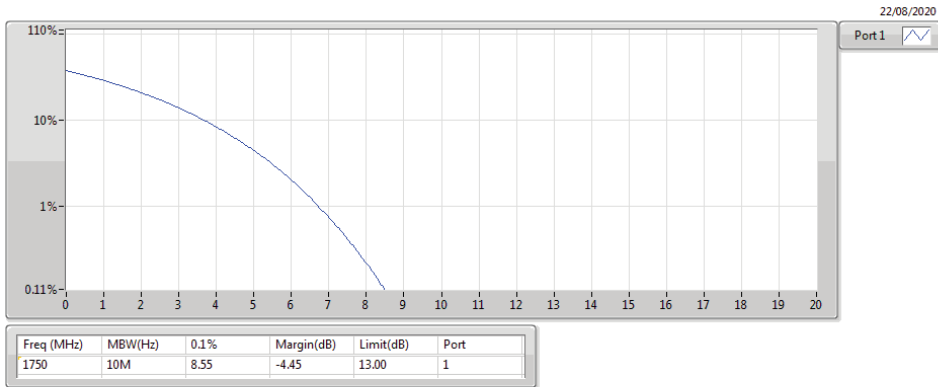
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PAR



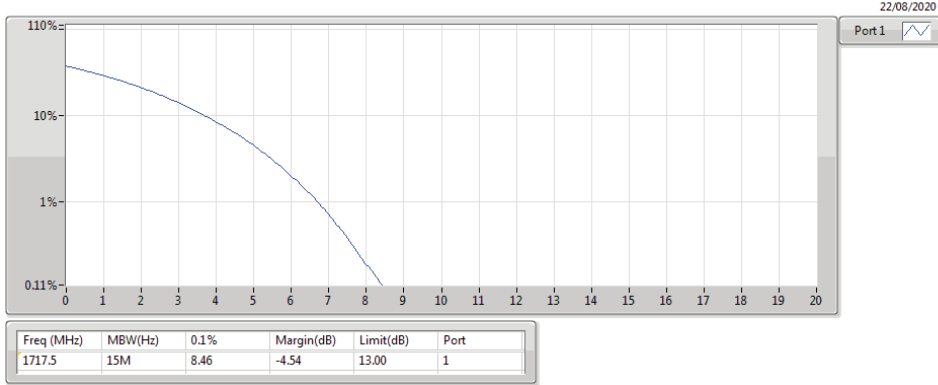
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PAR



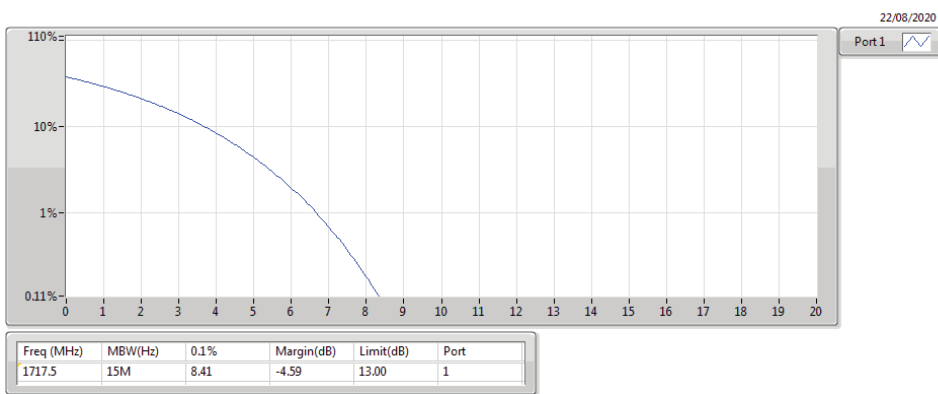
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PAR



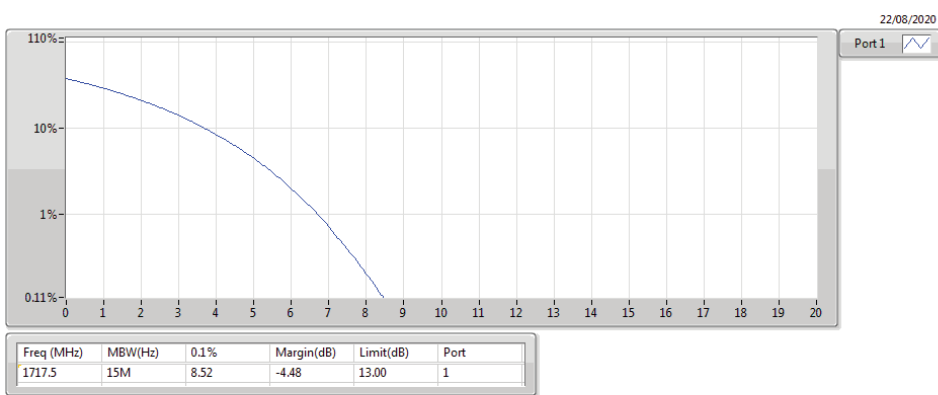
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PAR



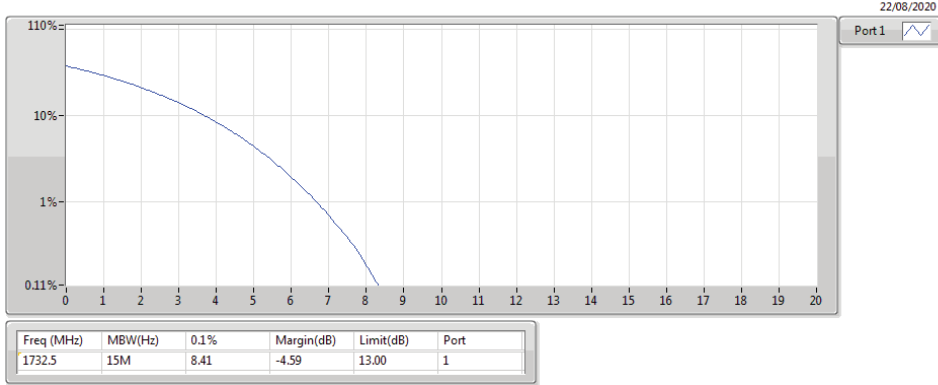
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PAR



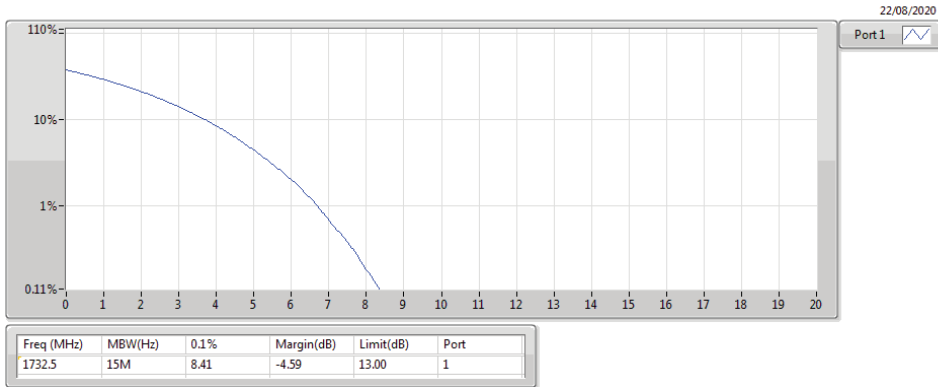
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PAR



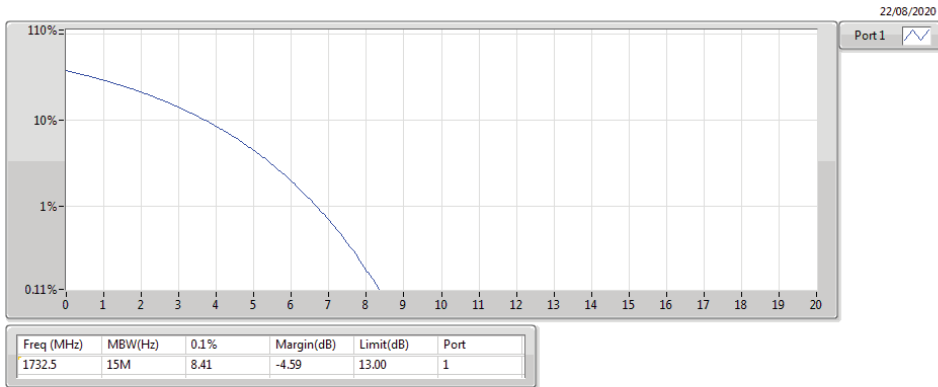
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PAR



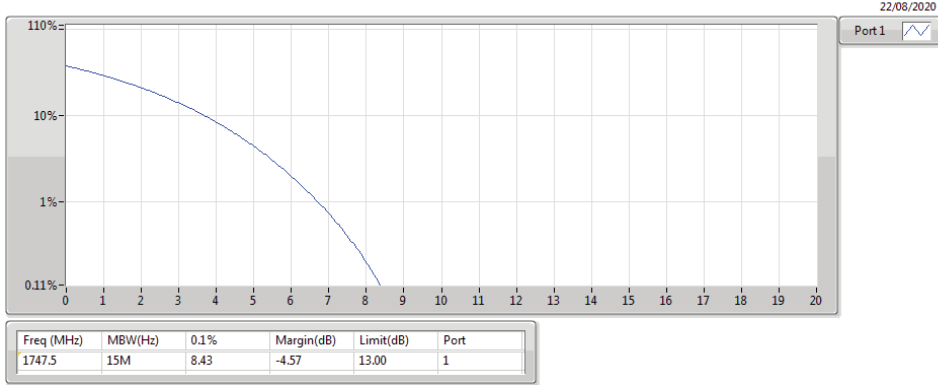
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PAR



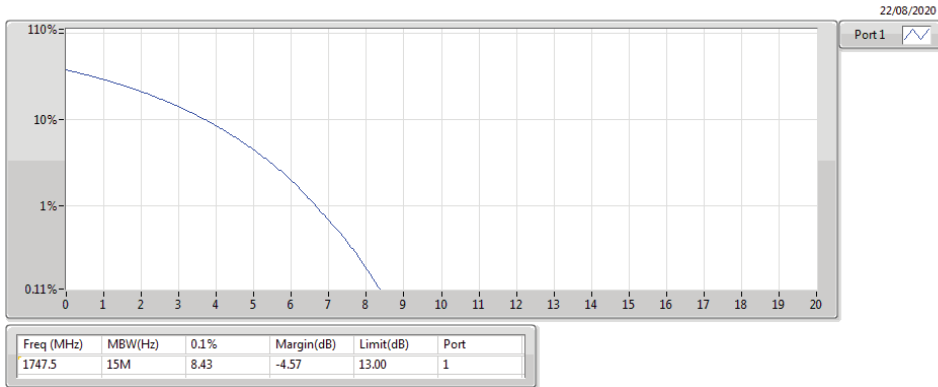
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PAR



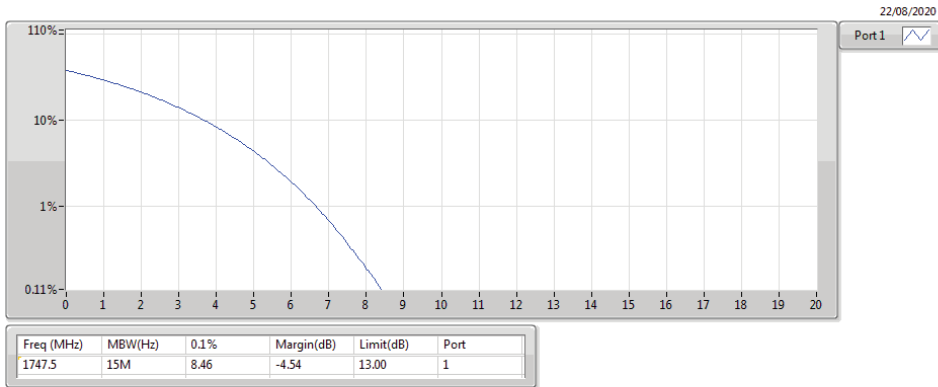
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PAR



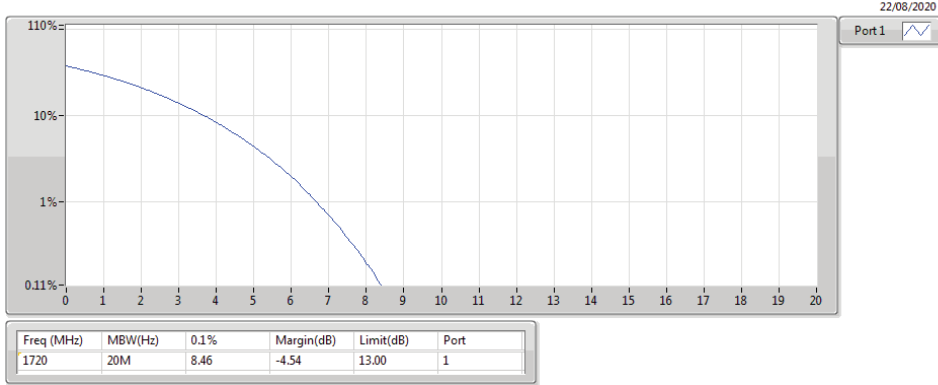
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PAR



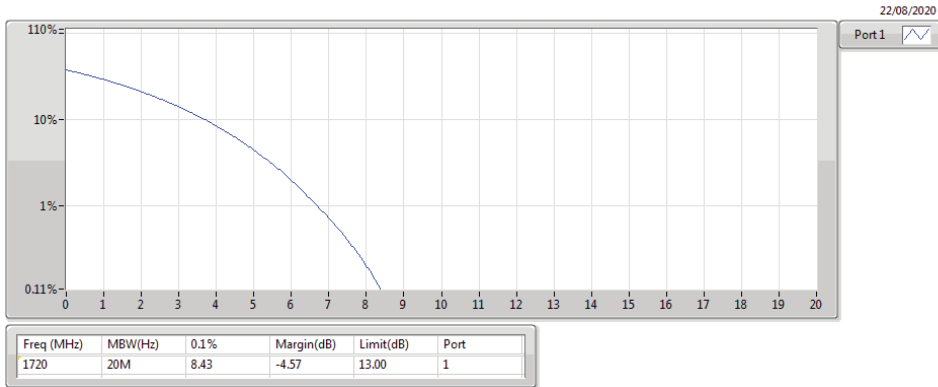
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PAR



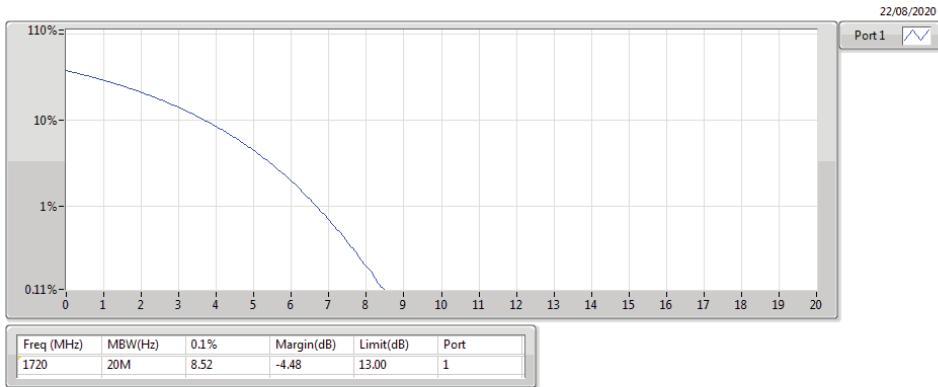
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PAR



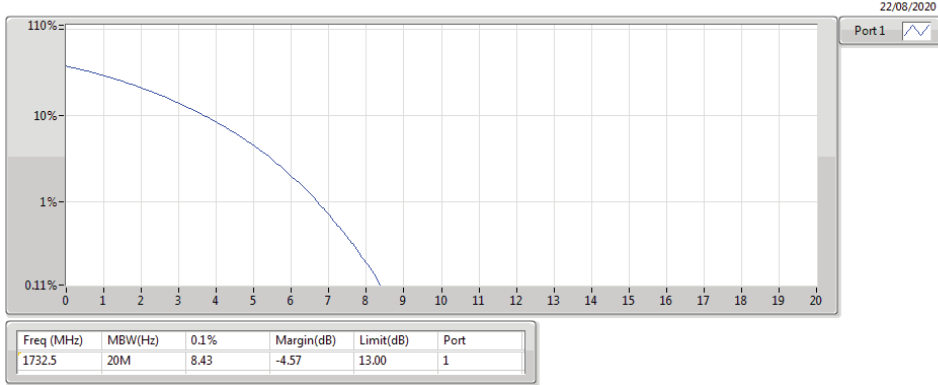
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PAR



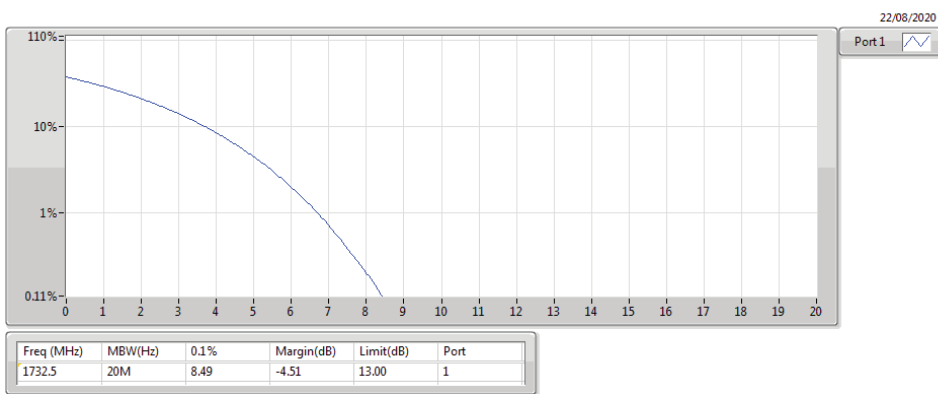
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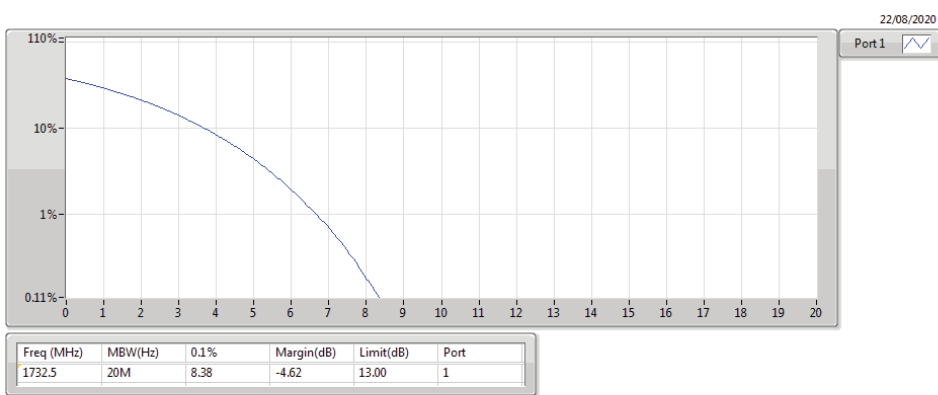
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PAR



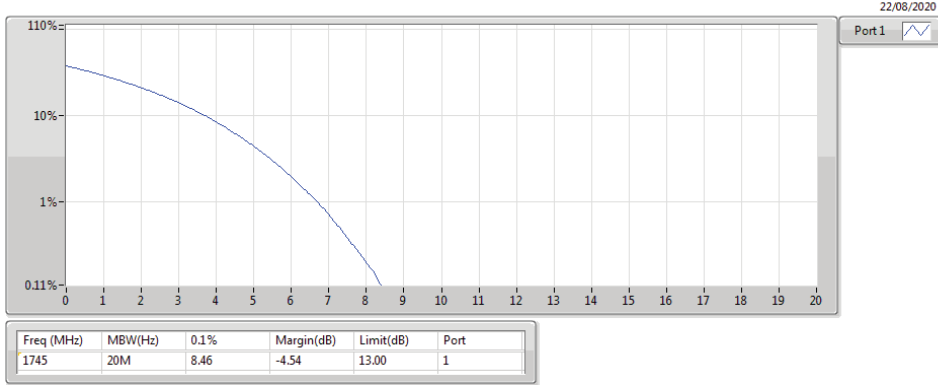
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PAR



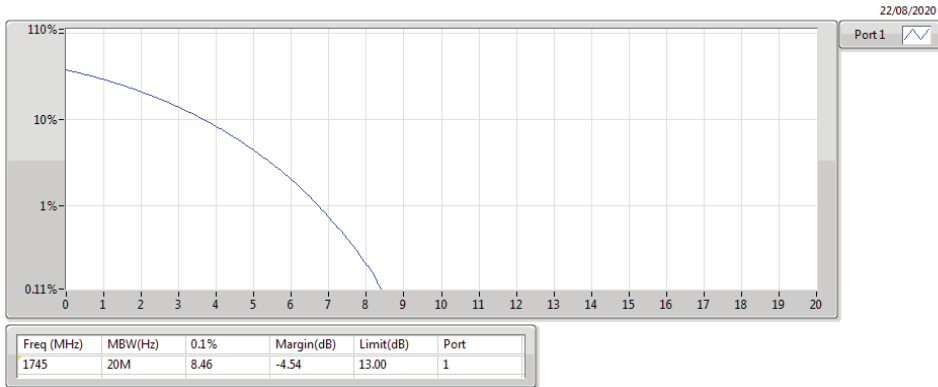
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PAR



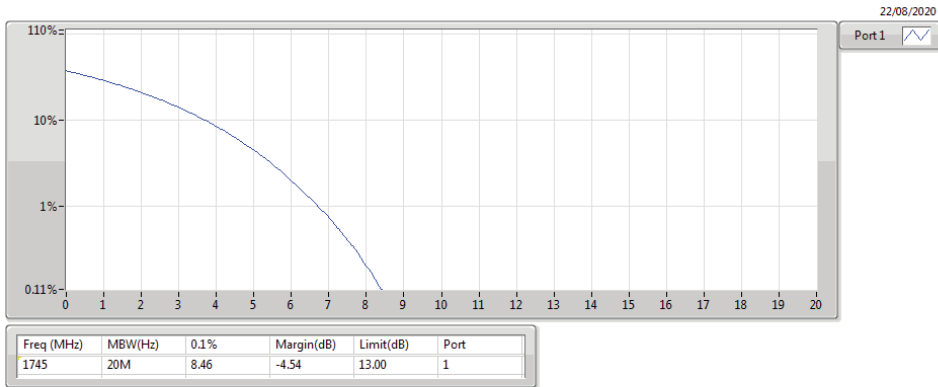
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PAR



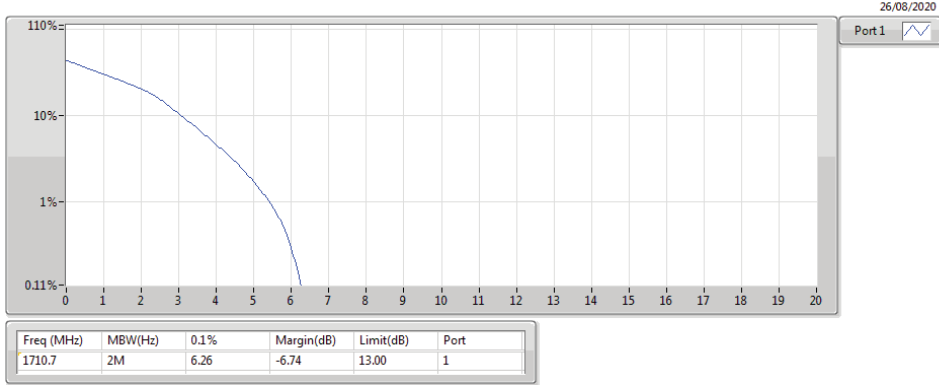
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PAR



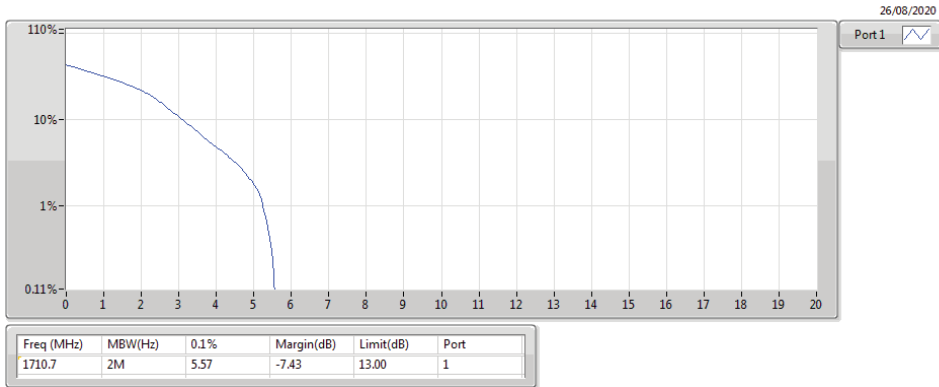
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PAR



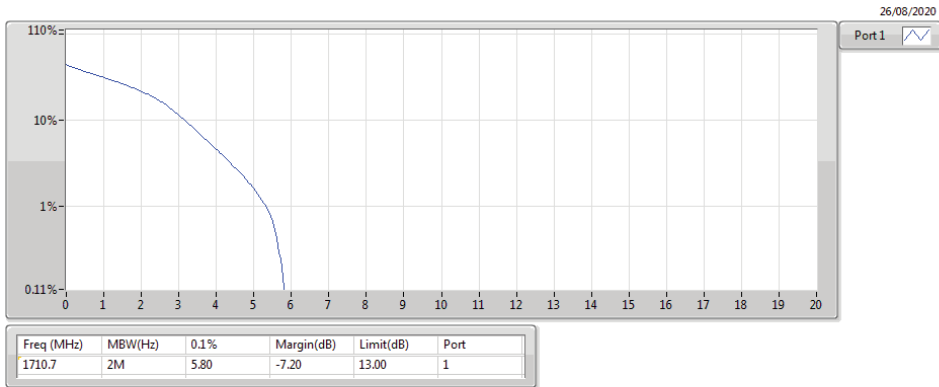
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PAR



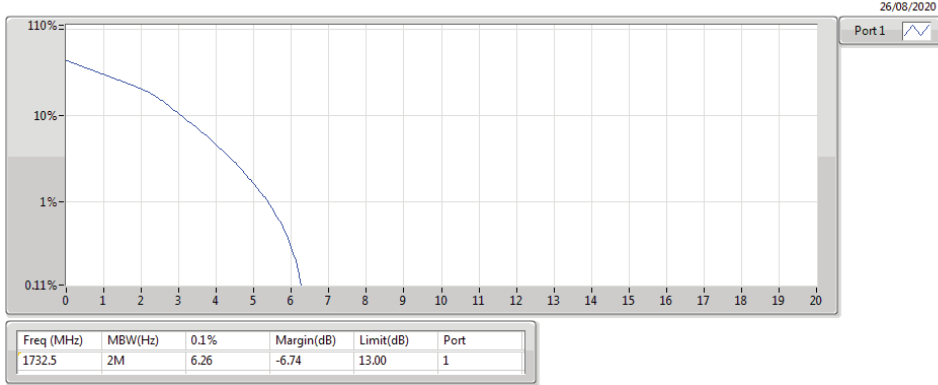
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PAR



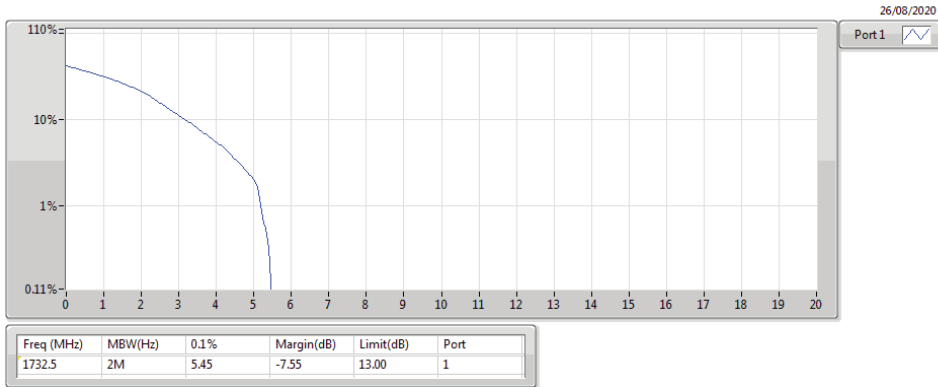
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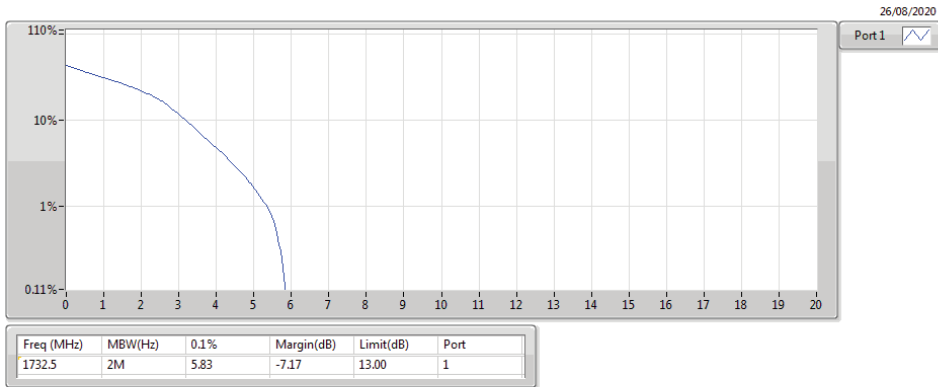
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PAR



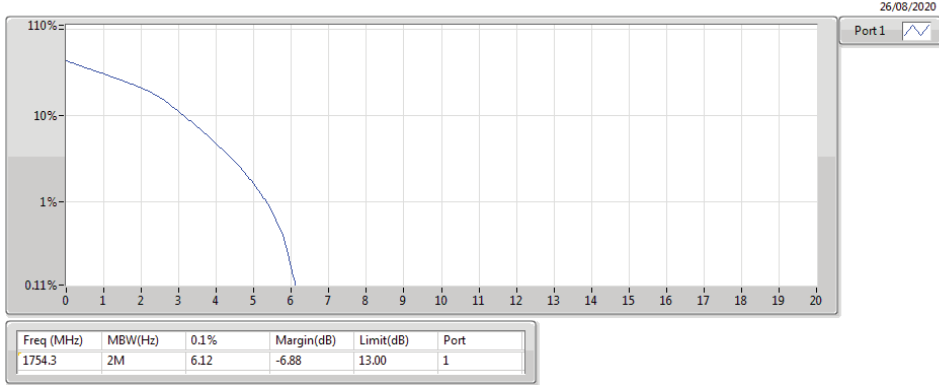
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PAR



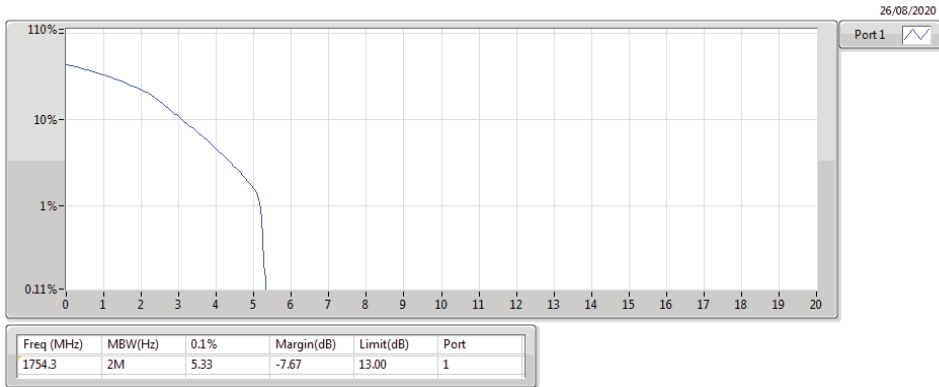
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PAR



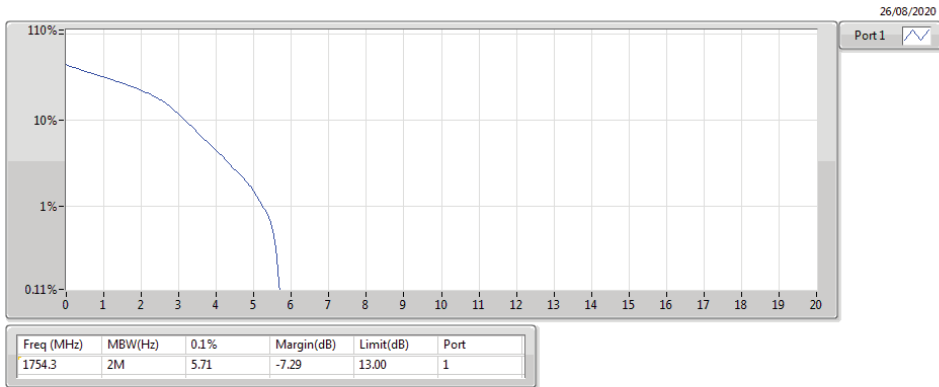
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PAR



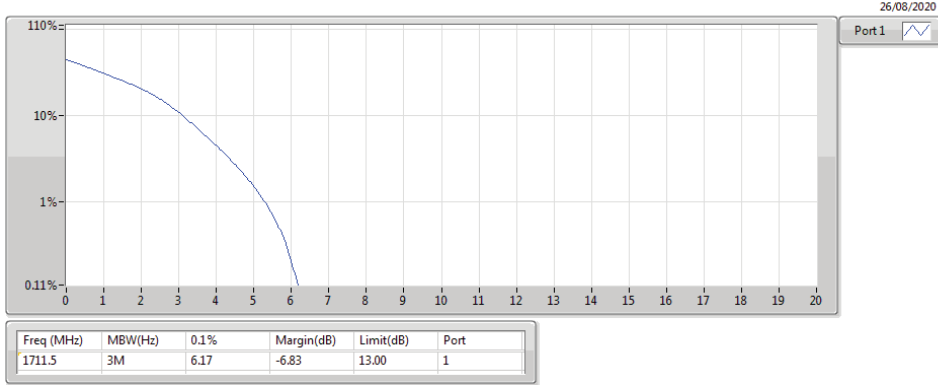
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PAR



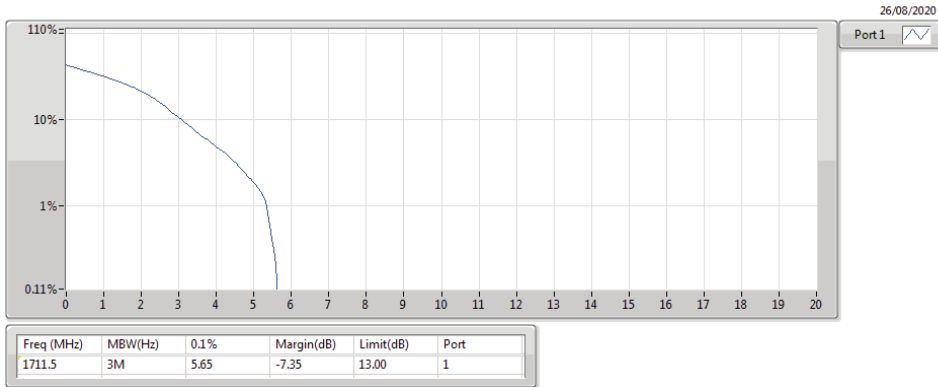
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PAR



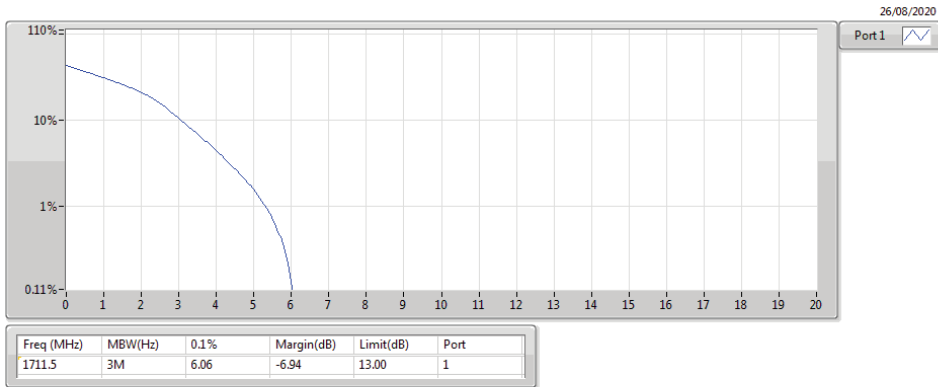
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PAR



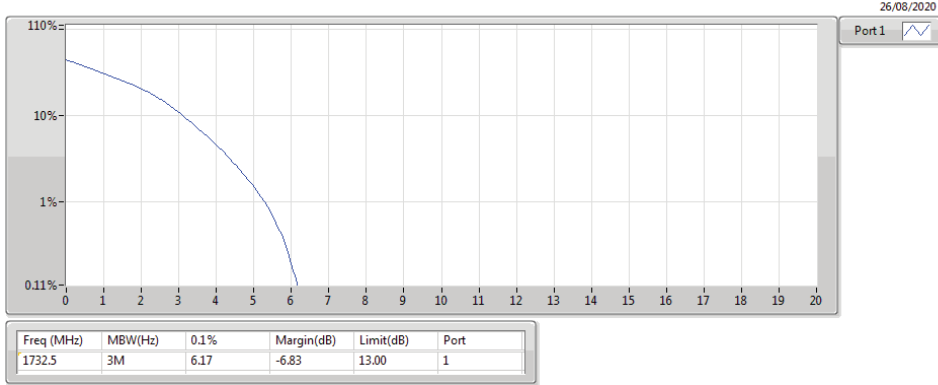
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PAR



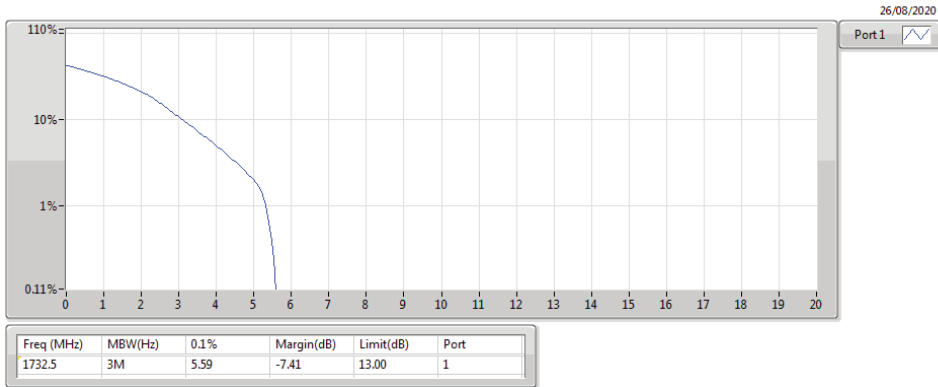
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PAR



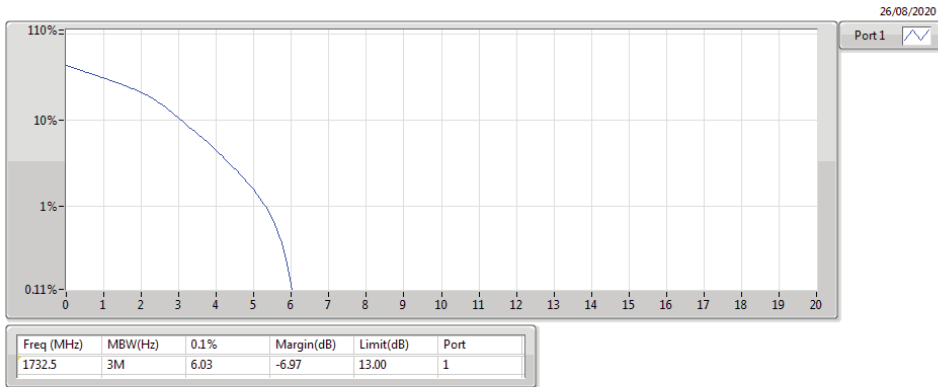
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PAR



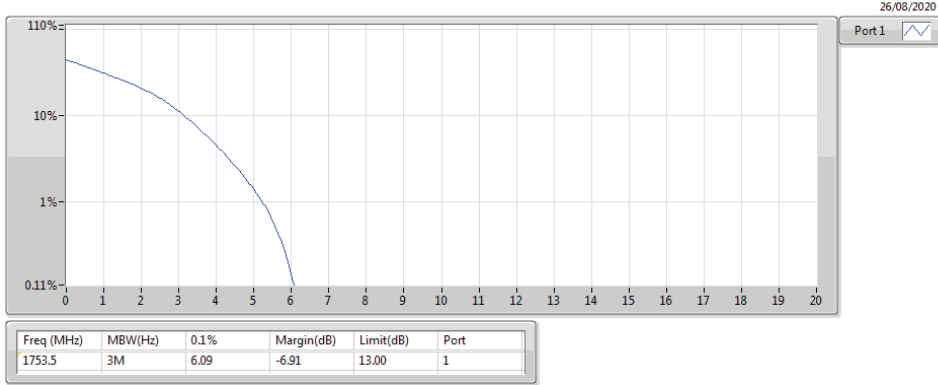
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PAR



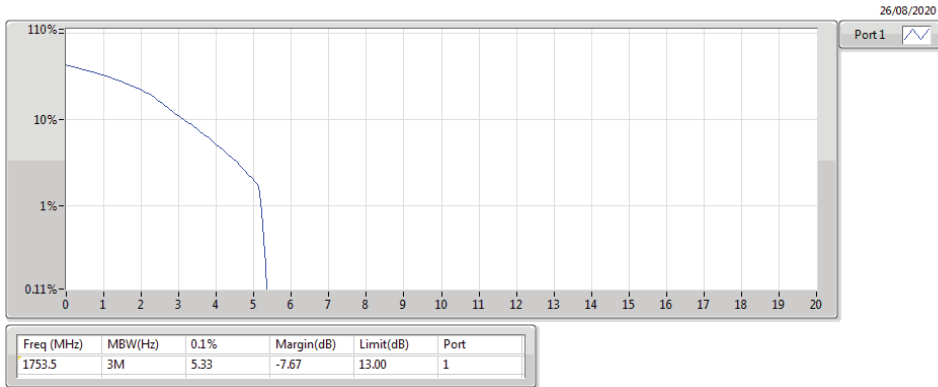
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PAR



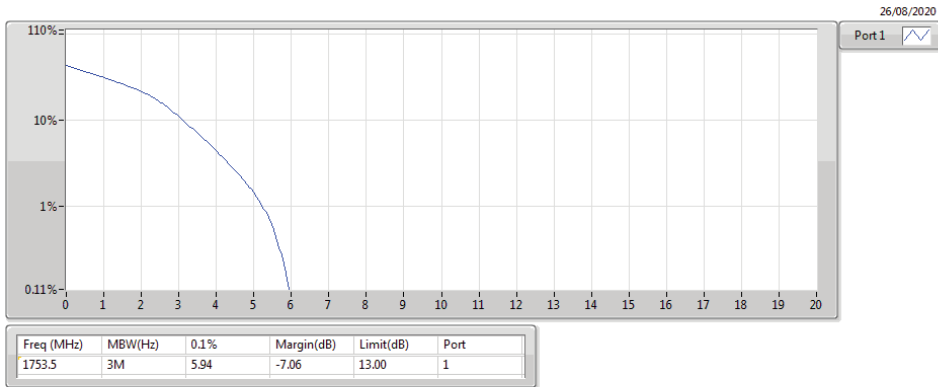
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PAR



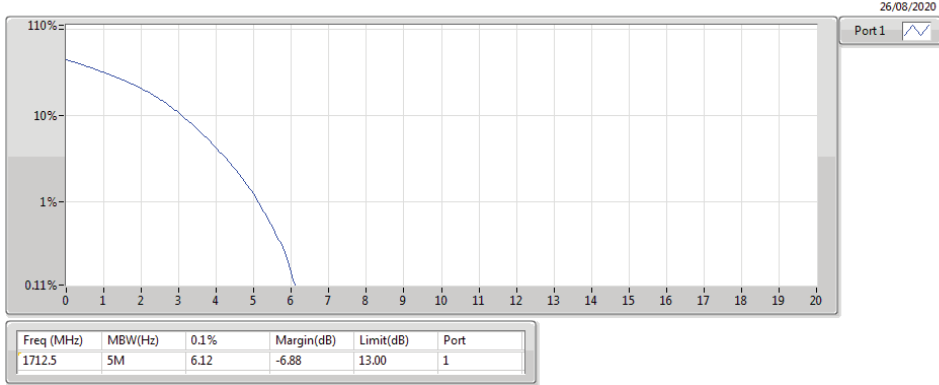
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PAR



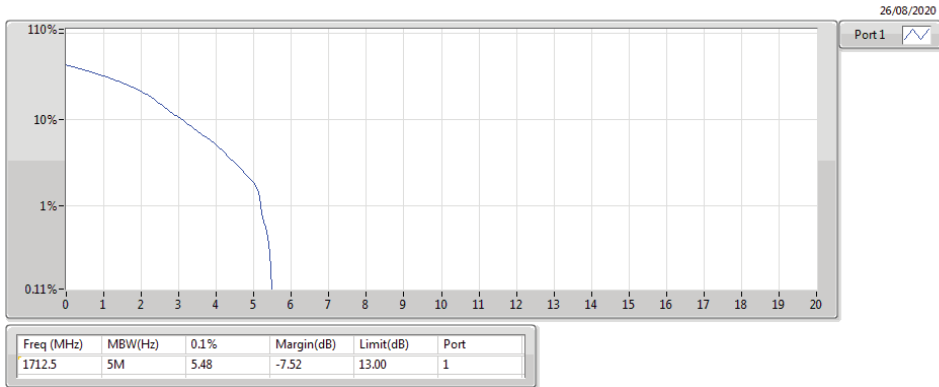
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PAR



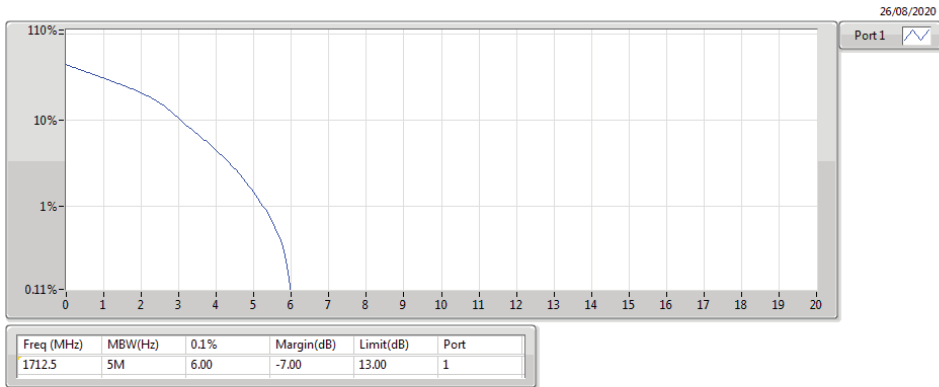
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PAR



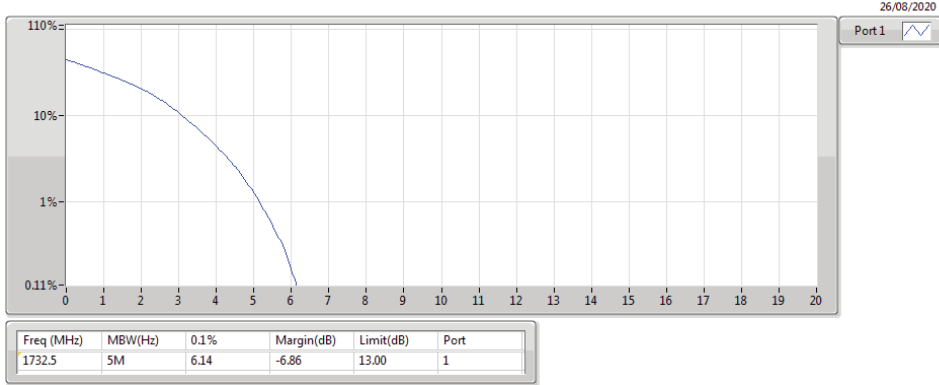
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PAR



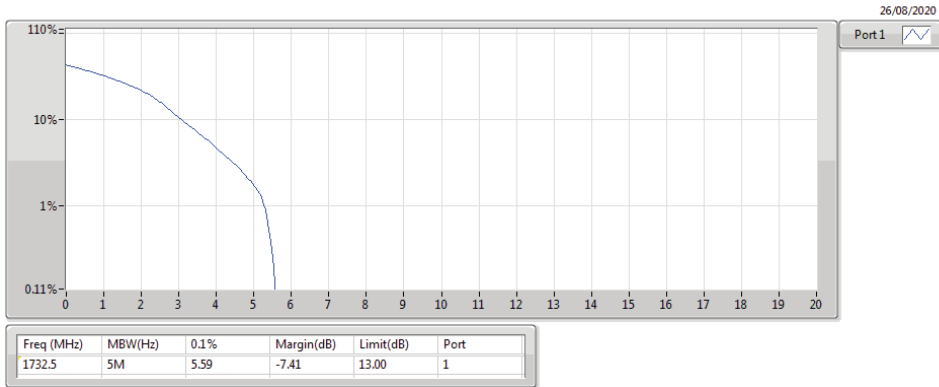
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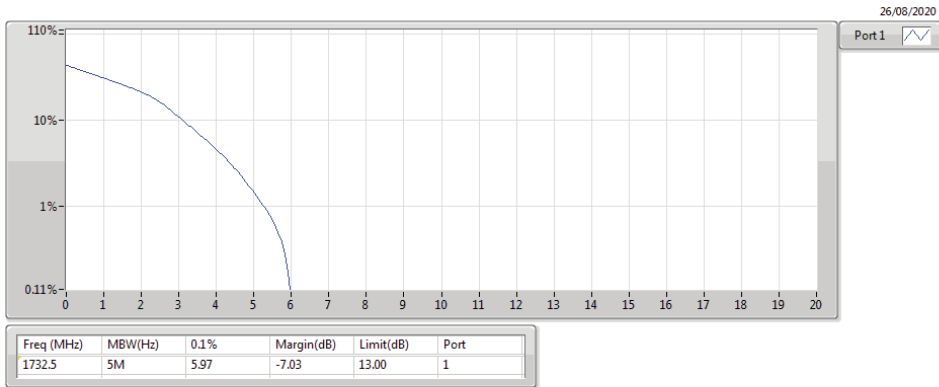
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PAR



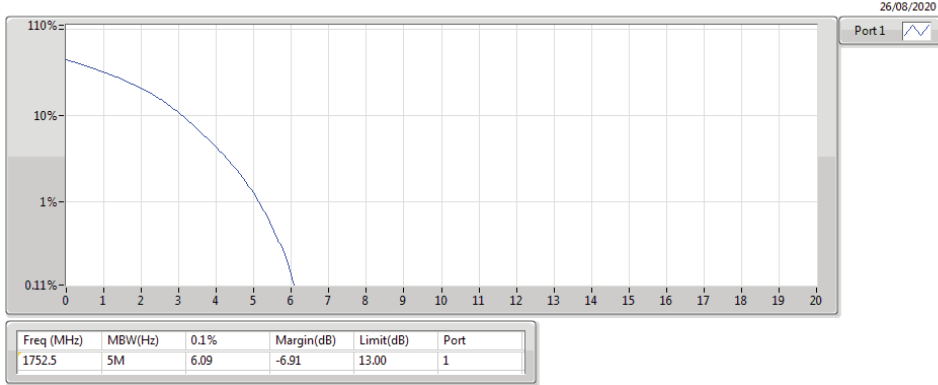
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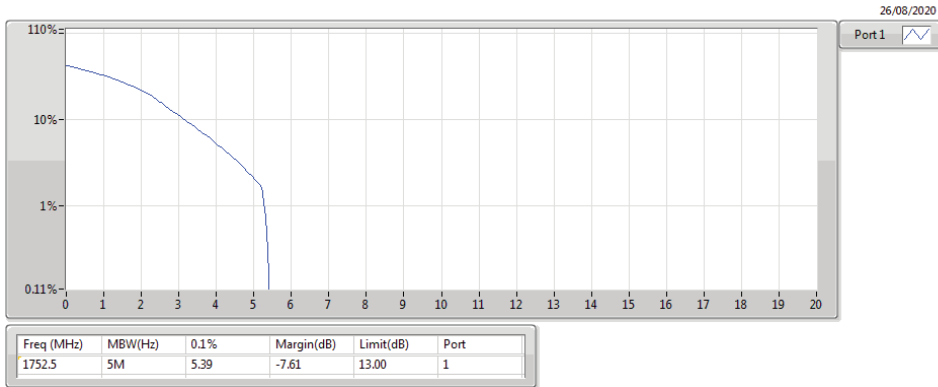
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1752.5MHz_16QAM_RB 25,#RB 0

PAR



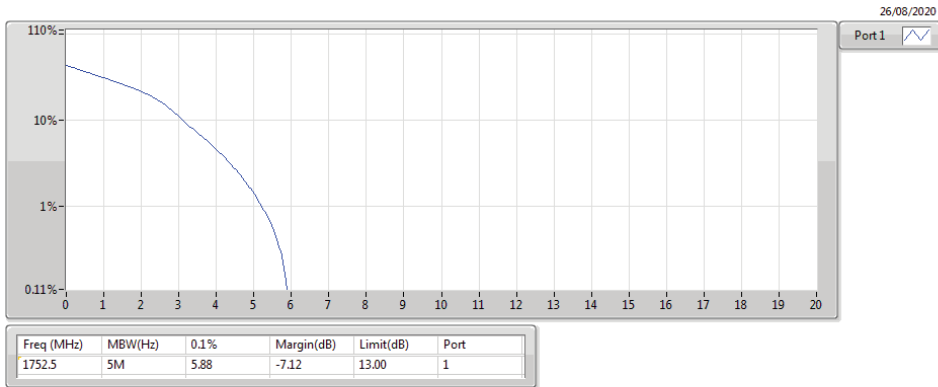
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1752.5MHz_16QAM_RB 1,#RB M

PAR



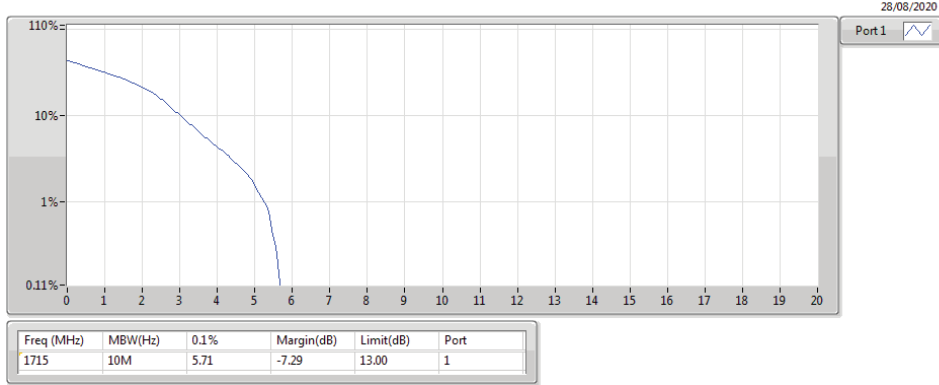
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1752.5MHz_16QAM_RB 12,#RB M

PAR



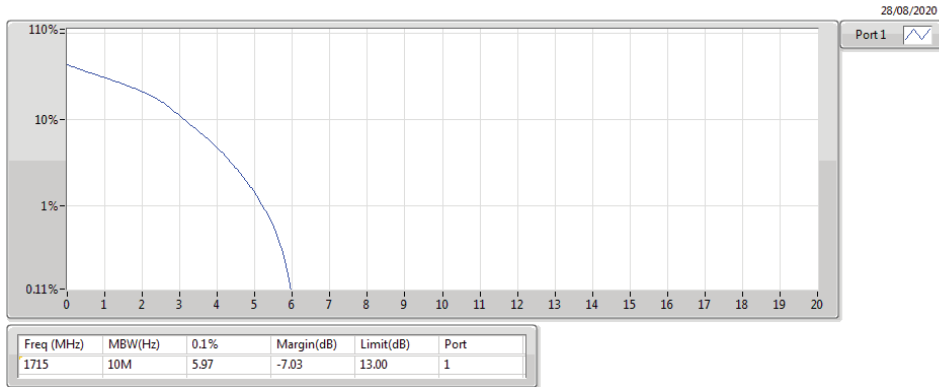
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1715MHz_16QAM_RB 1,#RB M

PAR



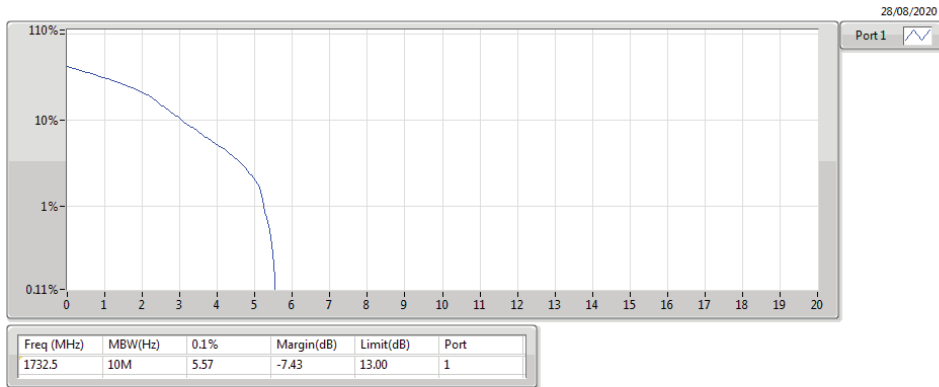
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1715MHz_16QAM_RB 25,#RB M

PAR



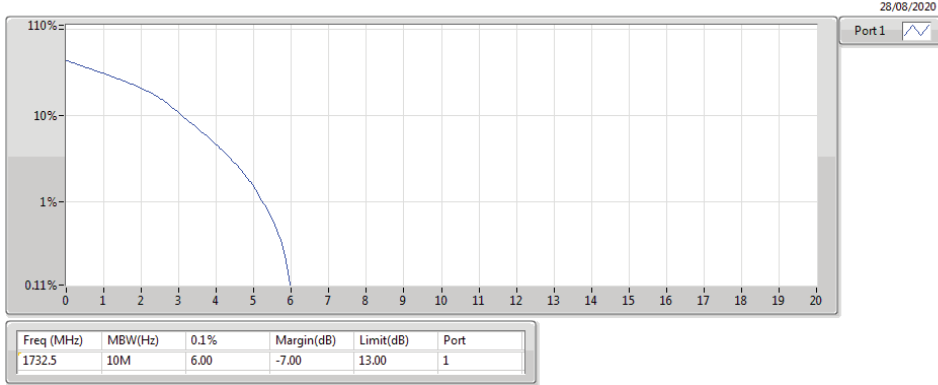
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



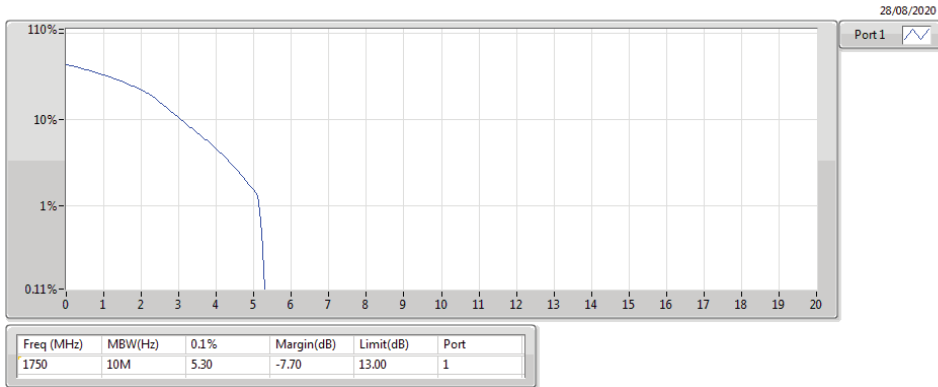
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 25,#RB M

PAR



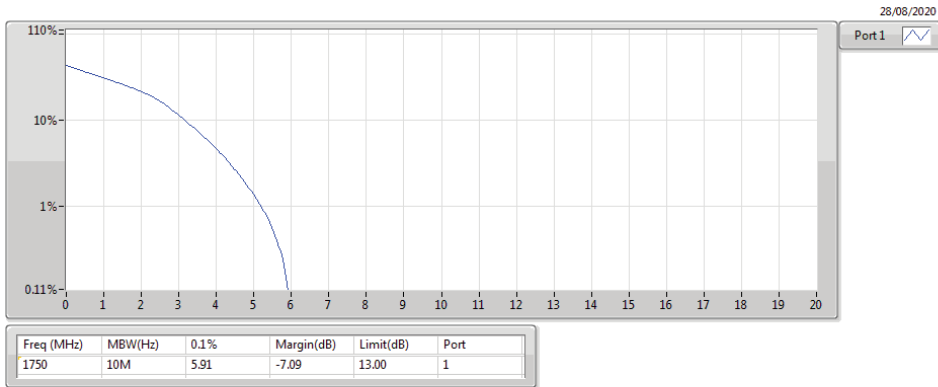
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1750MHz_16QAM_RB 1,#RB M

PAR



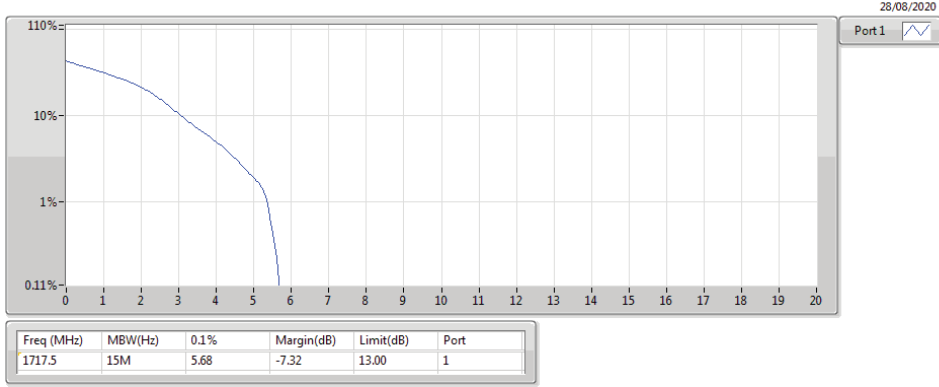
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1750MHz_16QAM_RB 25,#RB M

PAR



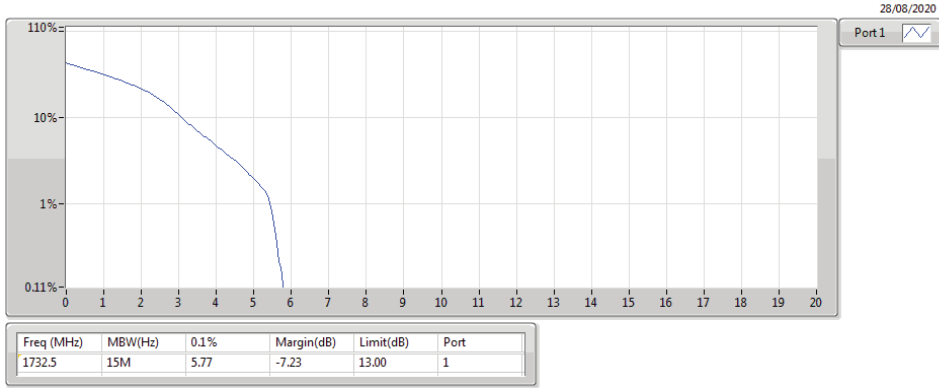
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1717.5MHz_16QAM_RB 1,#RB M

PAR



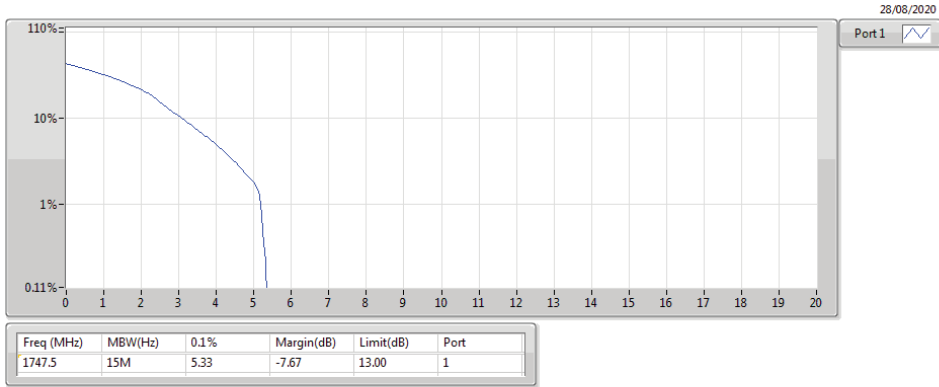
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



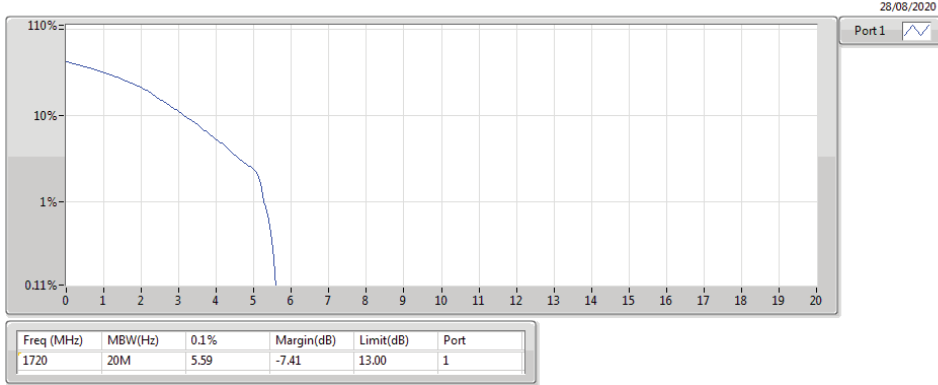
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1747.5MHz_16QAM_RB 1,#RB M

PAR



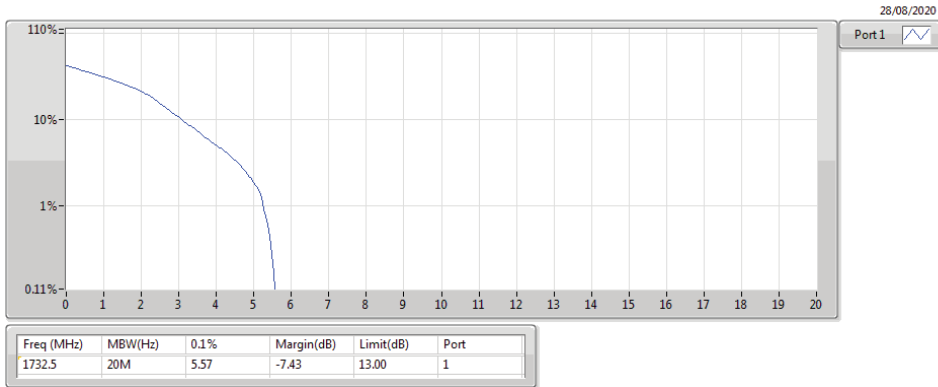
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1720MHz_16QAM_RB 1,#RB M

PAR



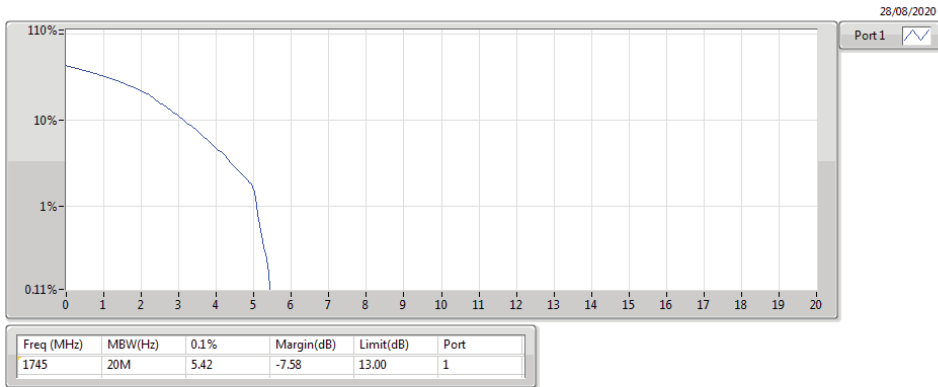
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1732.5MHz_16QAM_RB 1,#RB M

PAR



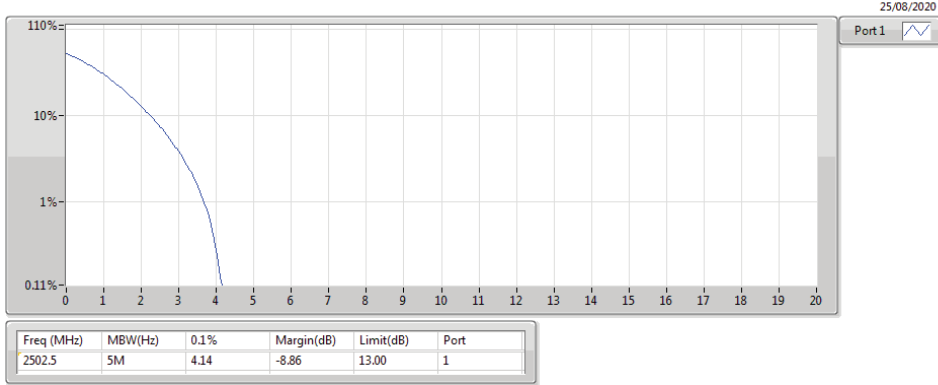
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1745MHz_16QAM_RB 1,#RB M

PAR



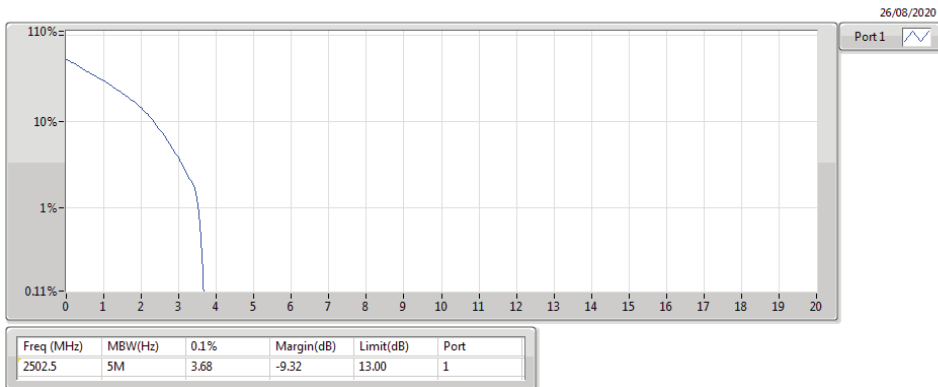
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2502.5MHz_QPSK_RB 25,#RB 0

PAR



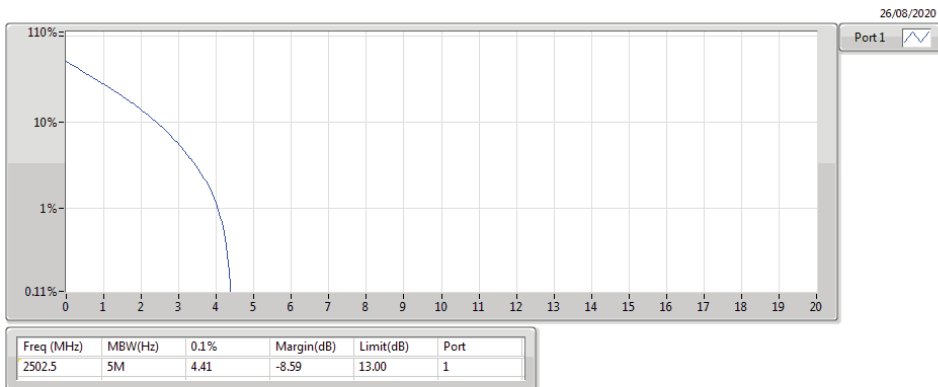
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2502.5MHz_QPSK_RB 1,#RB M

PAR



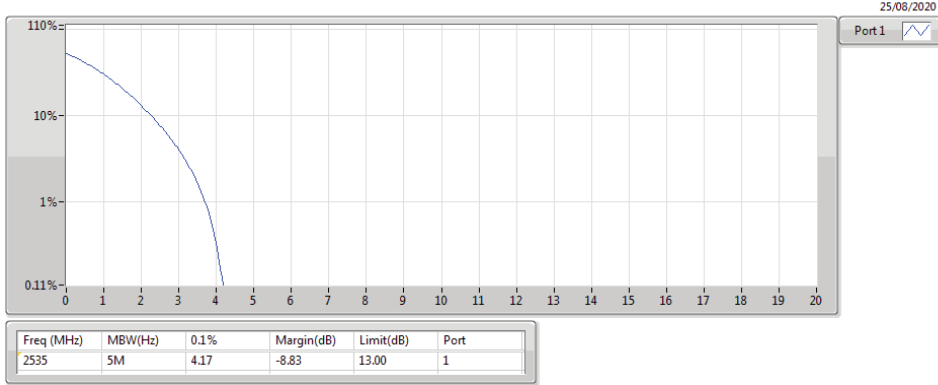
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2502.5MHz_QPSK_RB 12,#RB M

PAR



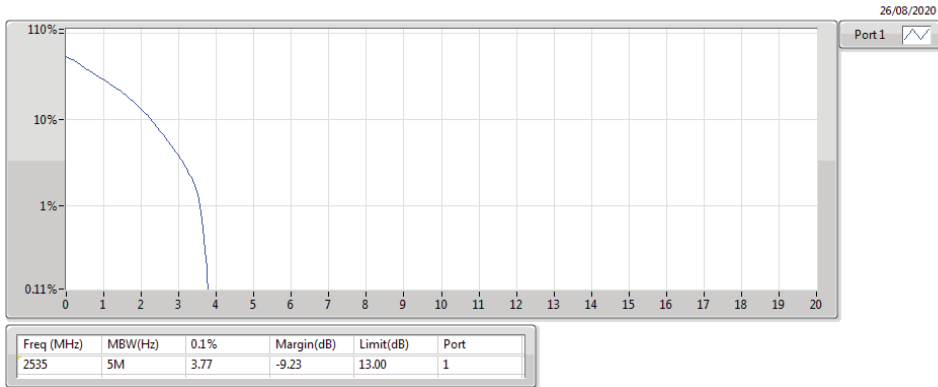
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 25,#RB 0

PAR



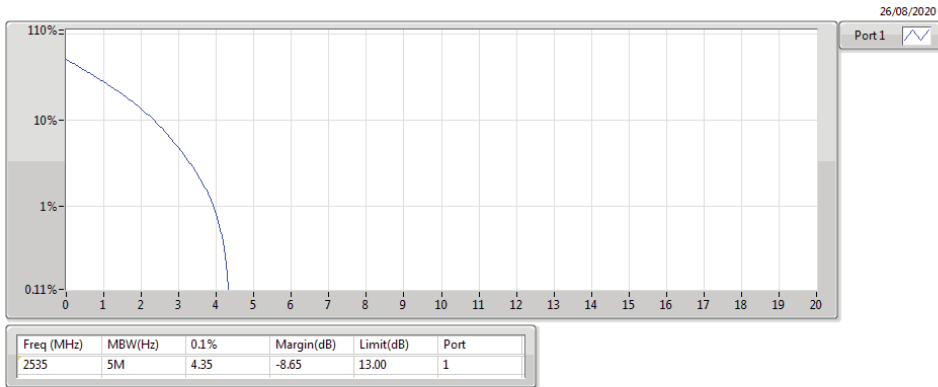
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 1,#RB M

PAR



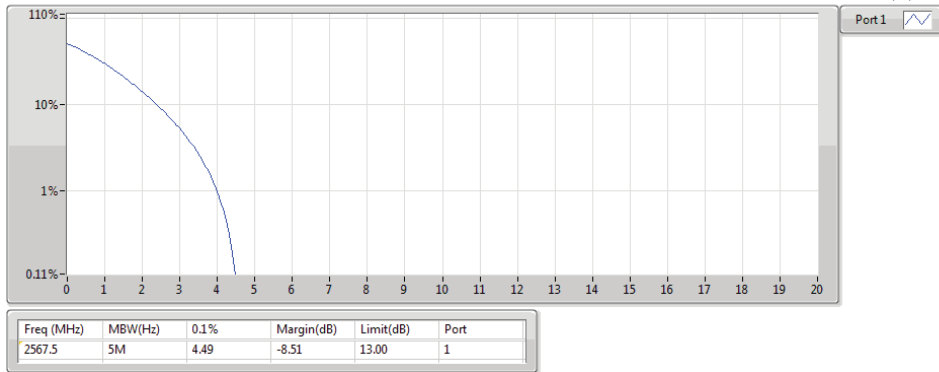
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 12,#RB M

PAR



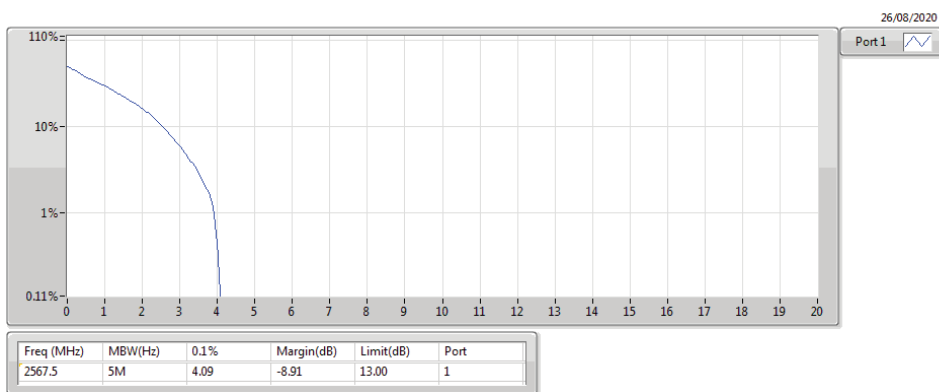
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2567.5MHz_QPSK_RB 25,#RB 0

PAR



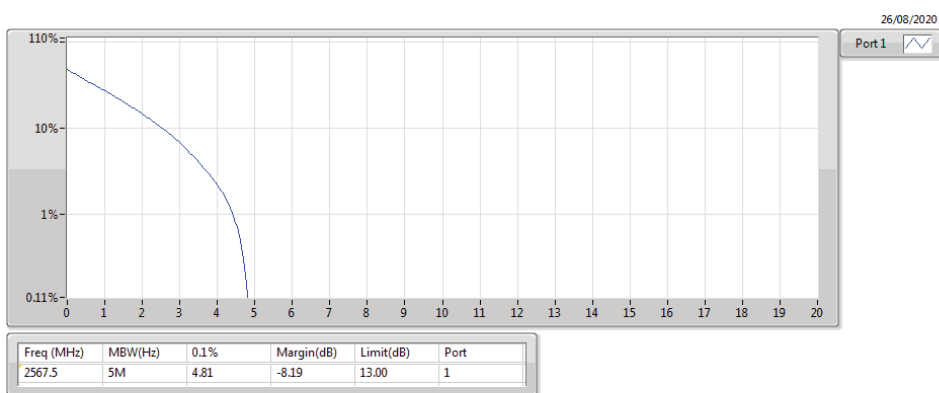
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2567.5MHz_QPSK_RB 1,#RB M

PAR



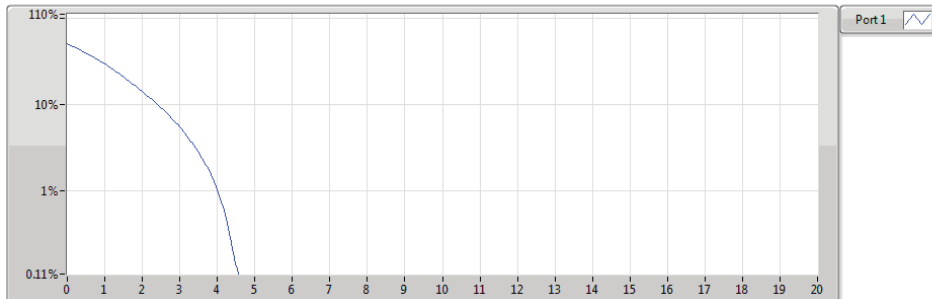
Band 7_LTE_5MHz_Nss1,QPSK_1TX
2567.5MHz_QPSK_RB 12,#RB M

PAR



Band 7_LTE_10MHz_Nss1,QPSK_1TX
2505MHz_QPSK_RB 50,#RB 0

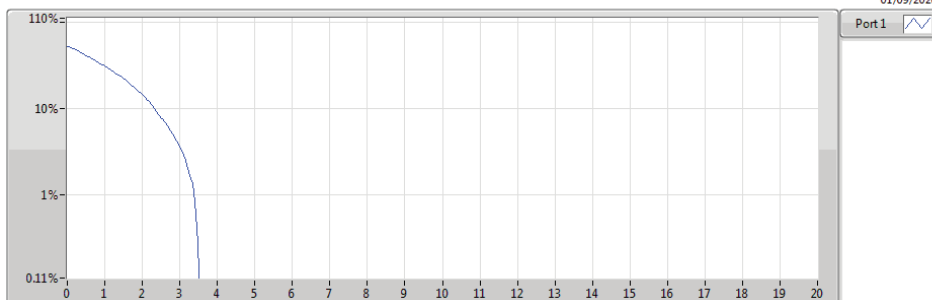
PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2505 | 10M | 4.55 | -8.45 | 13.00 | 1 |

Band 7_LTE_10MHz_Nss1,QPSK_1TX
2505MHz_QPSK_RB 1,#RB M

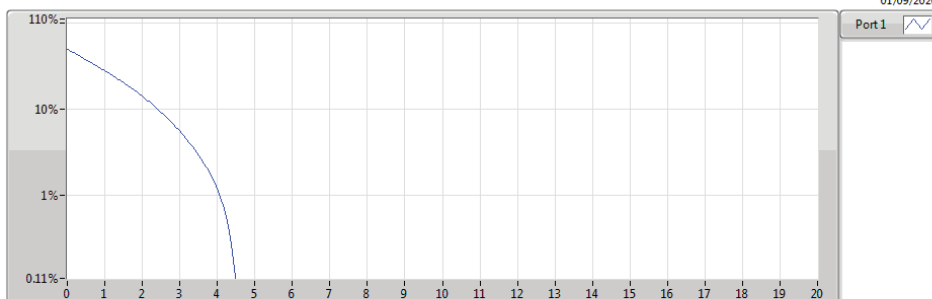
PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2505 | 10M | 3.51 | -9.49 | 13.00 | 1 |

Band 7_LTE_10MHz_Nss1,QPSK_1TX
2505MHz_QPSK_RB 25,#RB M

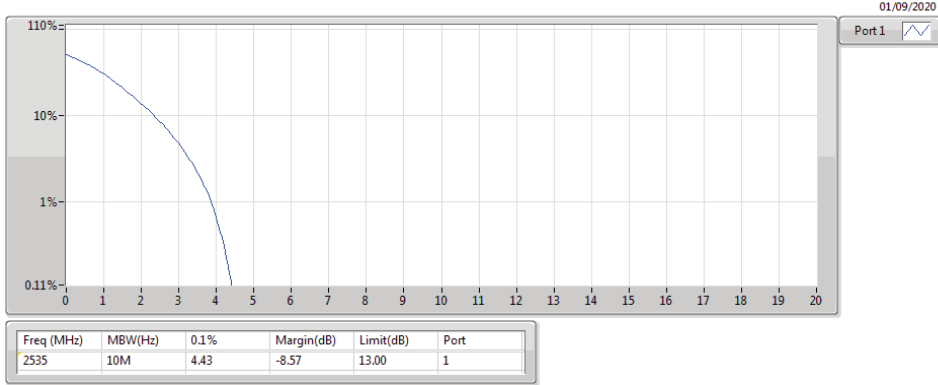
PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2505 | 10M | 4.49 | -8.51 | 13.00 | 1 |

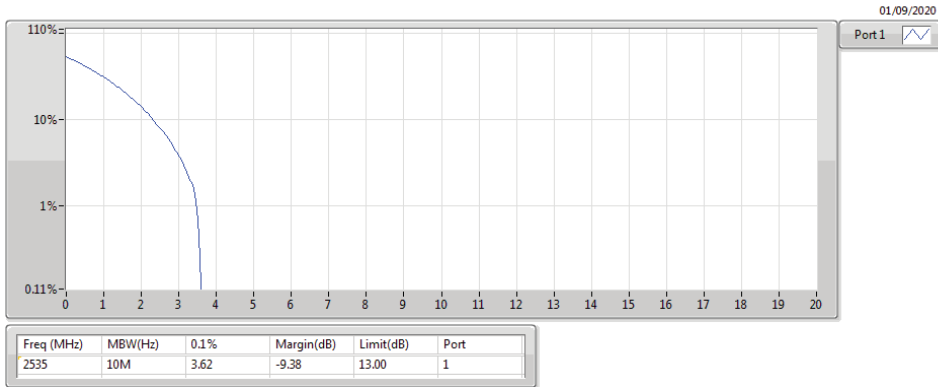
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 50,#RB 0

PAR



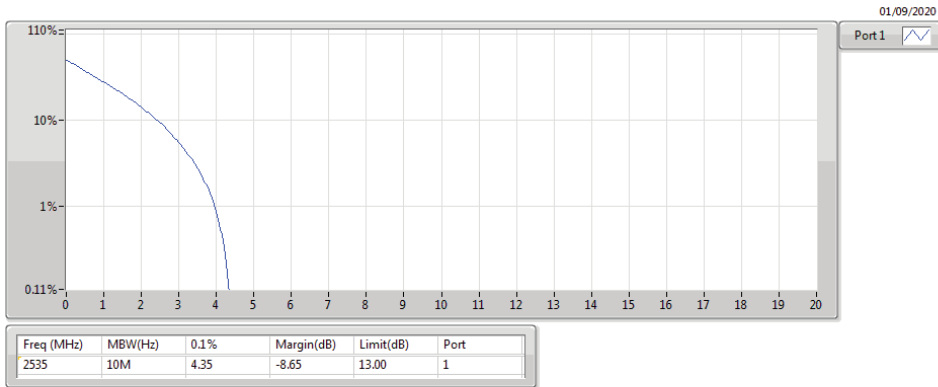
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 1,#RB M

PAR



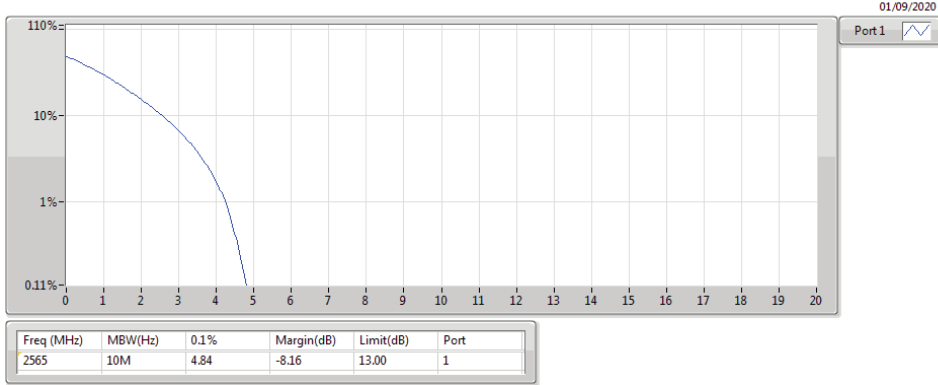
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 25,#RB M

PAR



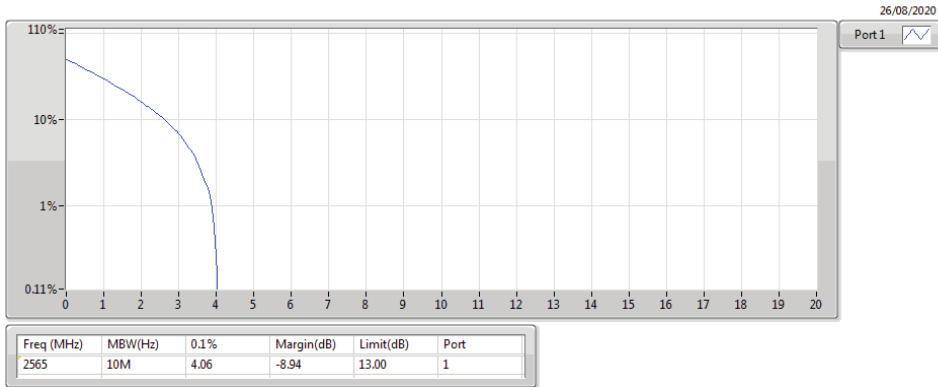
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2565MHz_QPSK_RB 50,#RB 0

PAR



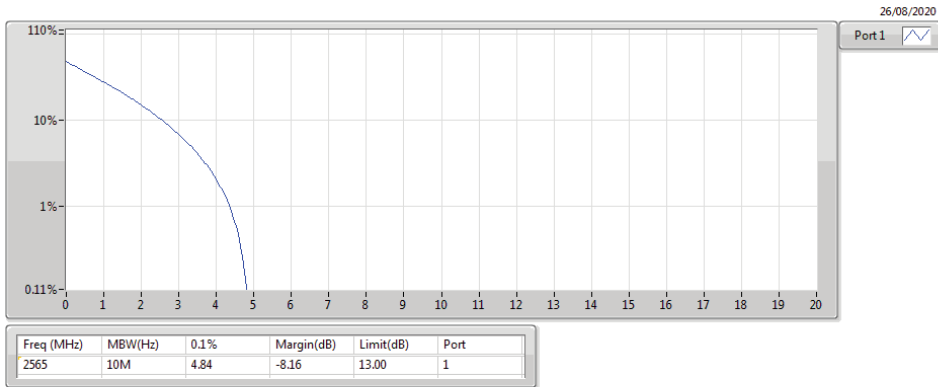
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2565MHz_QPSK_RB 1,#RB M

PAR



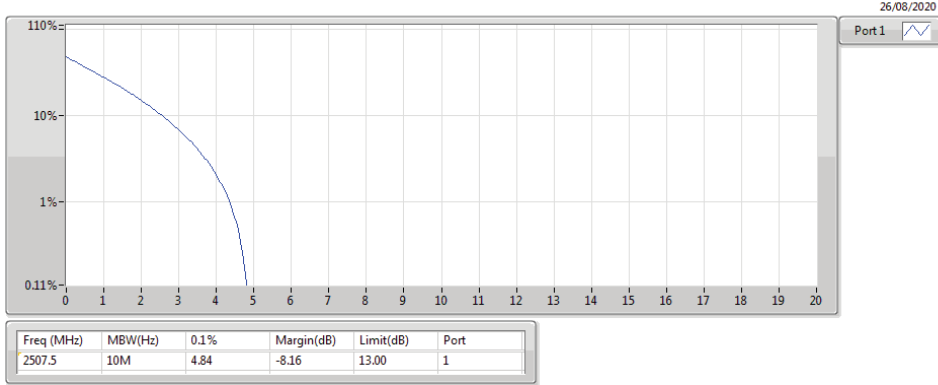
Band 7_LTE_10MHz_Nss1,QPSK_1TX
2565MHz_QPSK_RB 25,#RB M

PAR



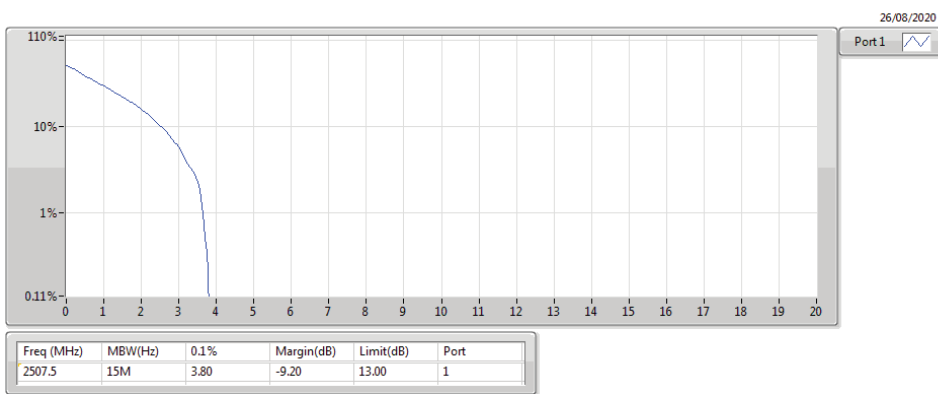
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2507.5MHz_QPSK_RB 75,#RB 0

PAR



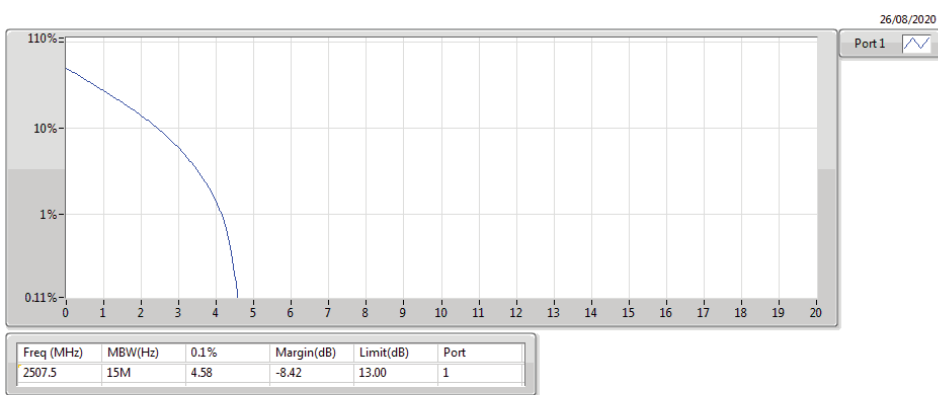
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2507.5MHz_QPSK_RB 1,#RB M

PAR



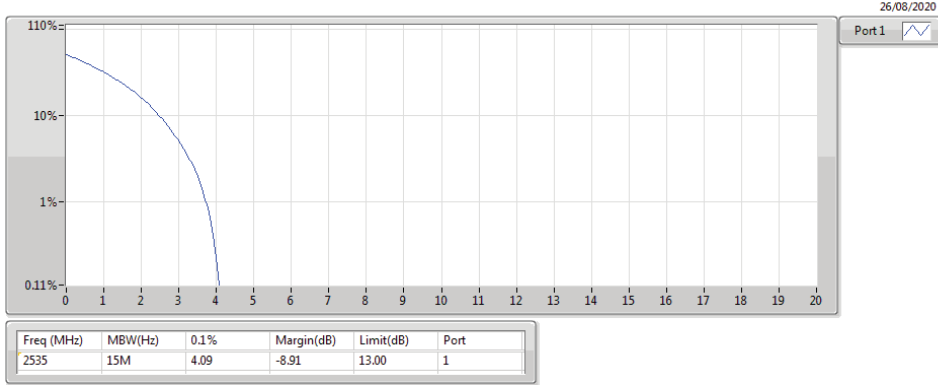
Band 7_LTE_15MHz_Nss1,QPSK_1TX
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PAR



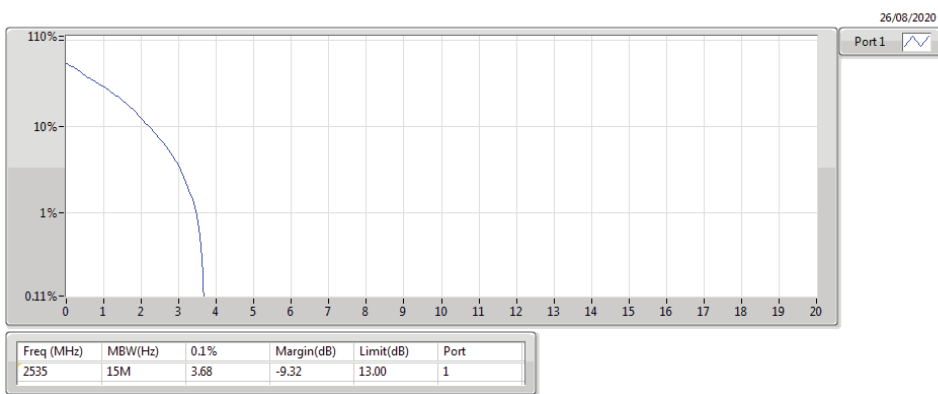
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 75,#RB 0

PAR



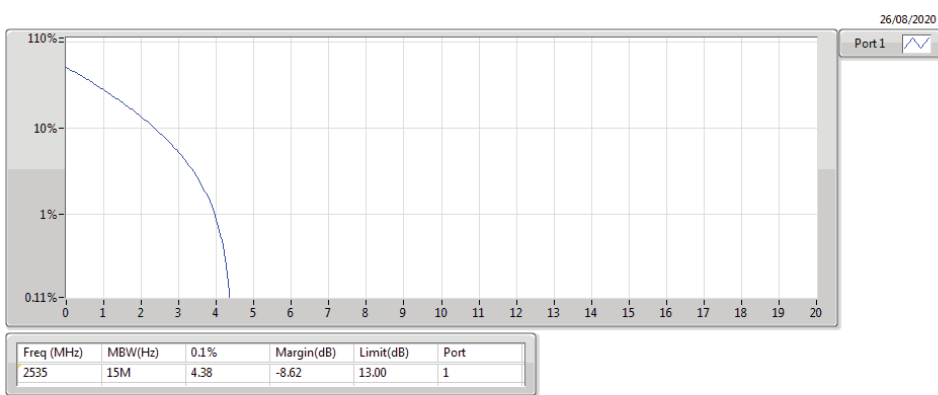
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 1,#RB M

PAR



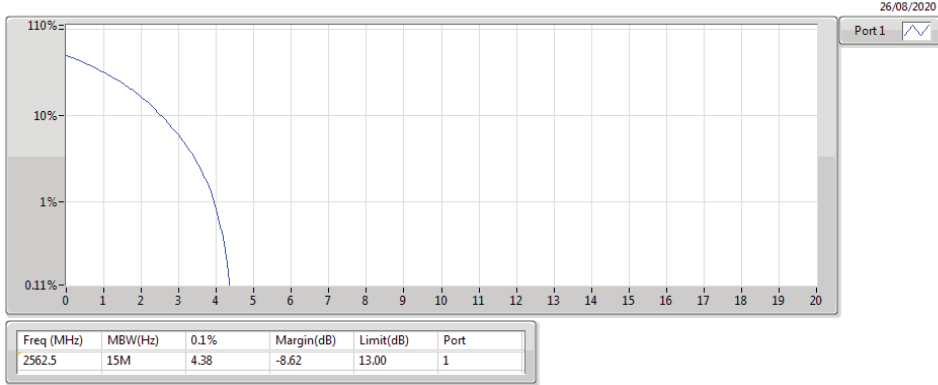
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 36,#RB M

PAR



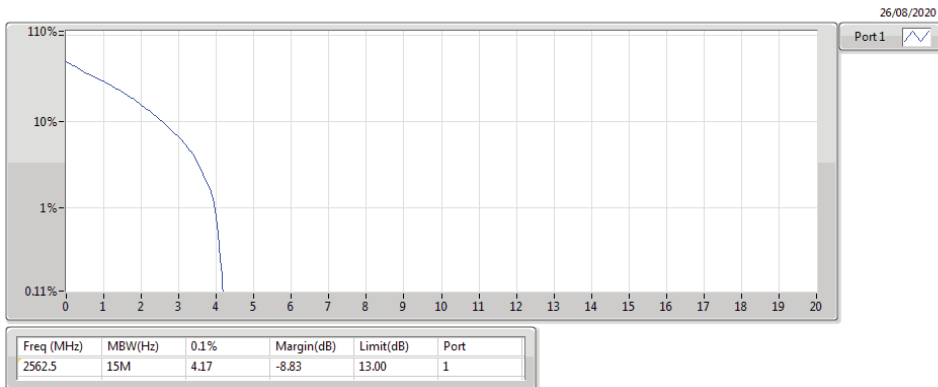
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2562.5MHz_QPSK_RB 75,#RB 0

PAR



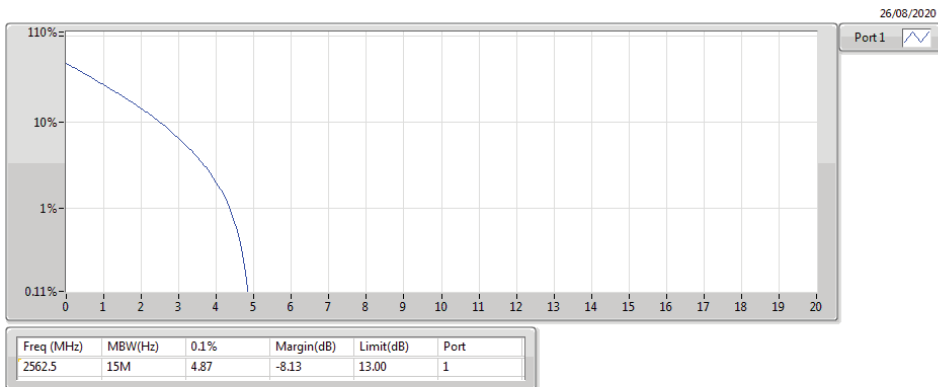
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2562.5MHz_QPSK_RB 1,#RB M

PAR



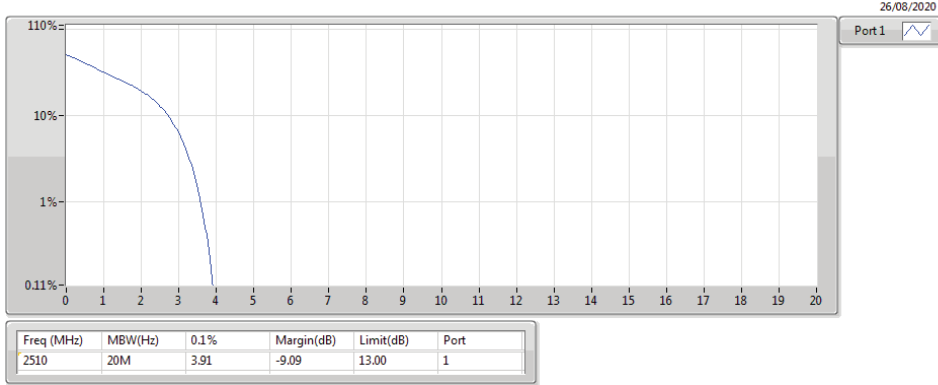
Band 7_LTE_15MHz_Nss1,QPSK_1TX
2562.5MHz_QPSK_RB 36,#RB M

PAR



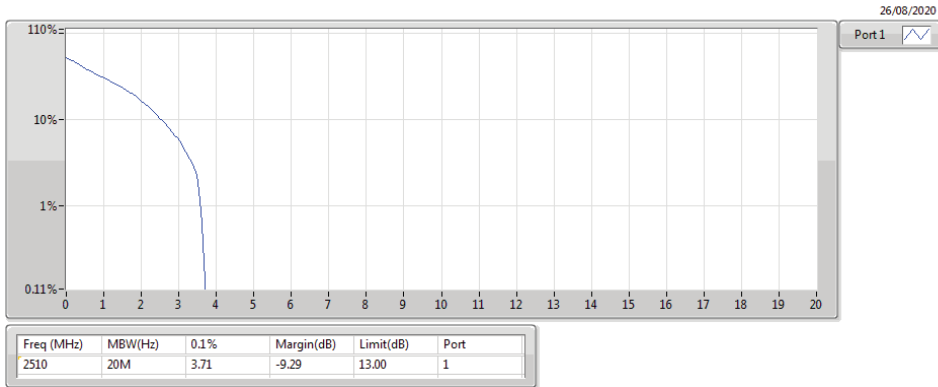
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2510MHz_QPSK_RB 100,#RB 0

PAR



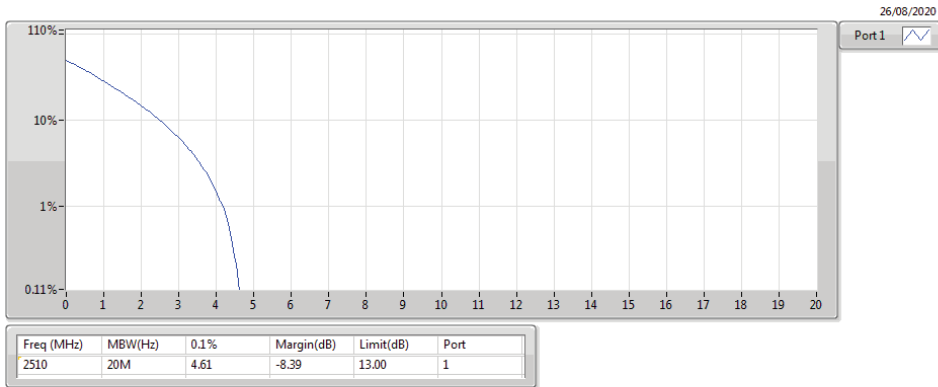
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2510MHz_QPSK_RB 1,#RB M

PAR



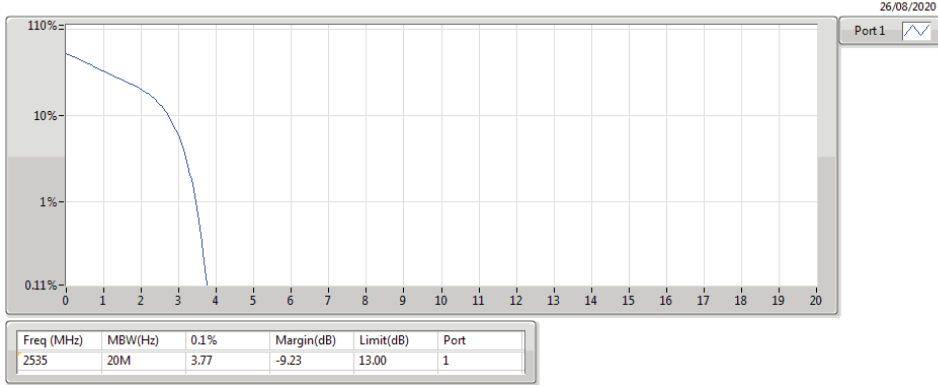
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2510MHz_QPSK_RB 50,#RB M

PAR



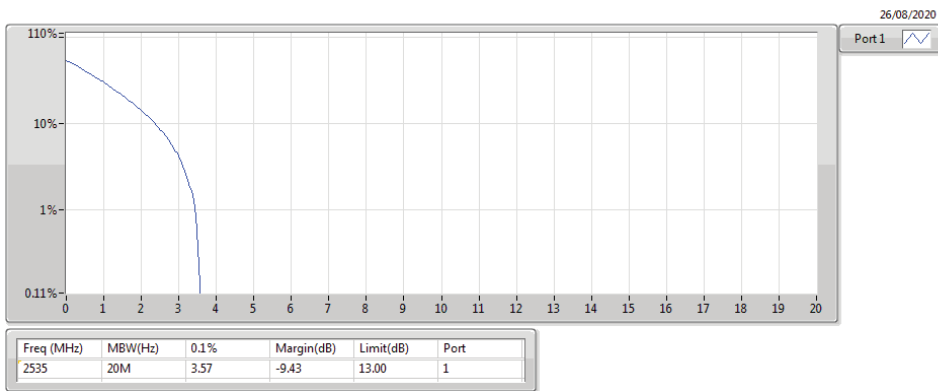
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 100,#RB 0

PAR



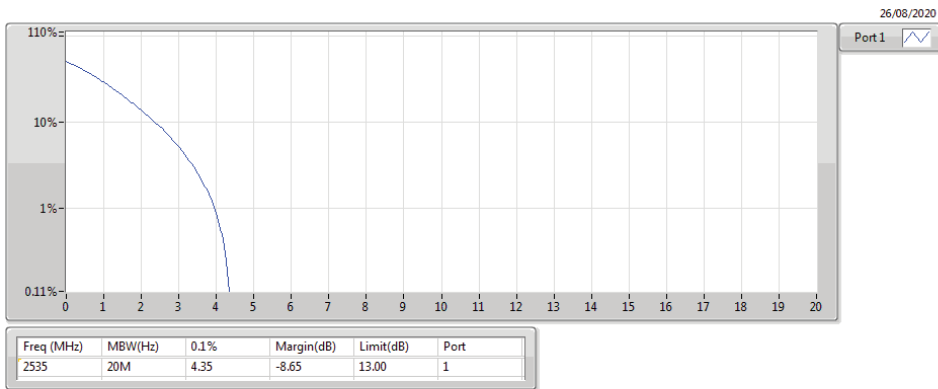
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 1,#RB M

PAR



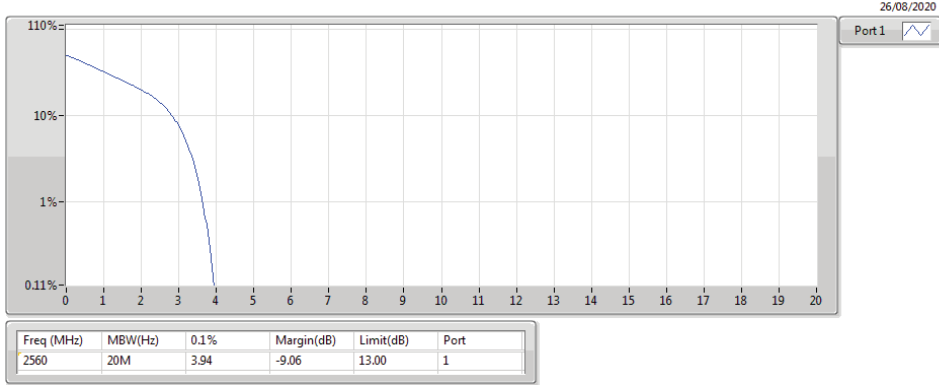
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2535MHz_QPSK_RB 50,#RB M

PAR



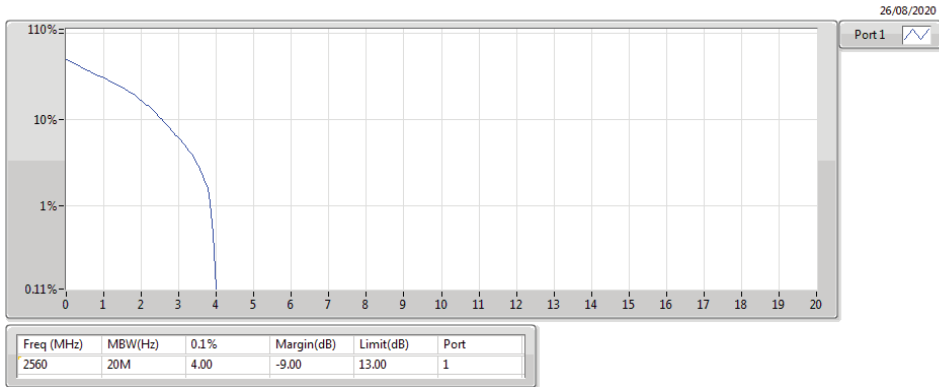
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2560MHz_QPSK_RB 100,#RB 0

PAR



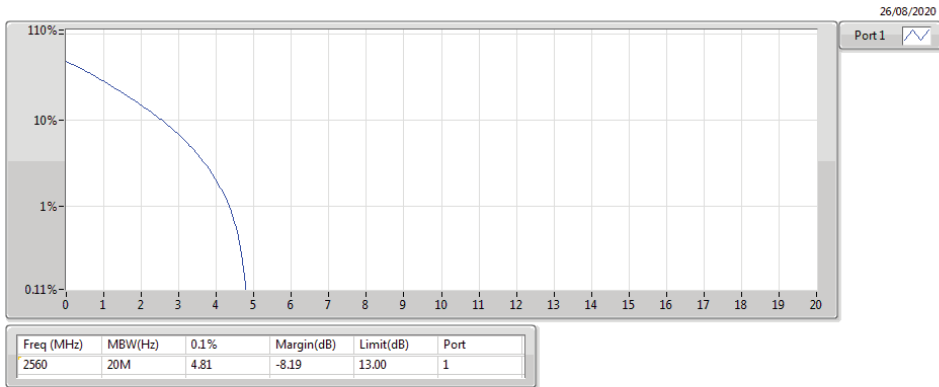
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2560MHz_QPSK_RB 1,#RB M

PAR



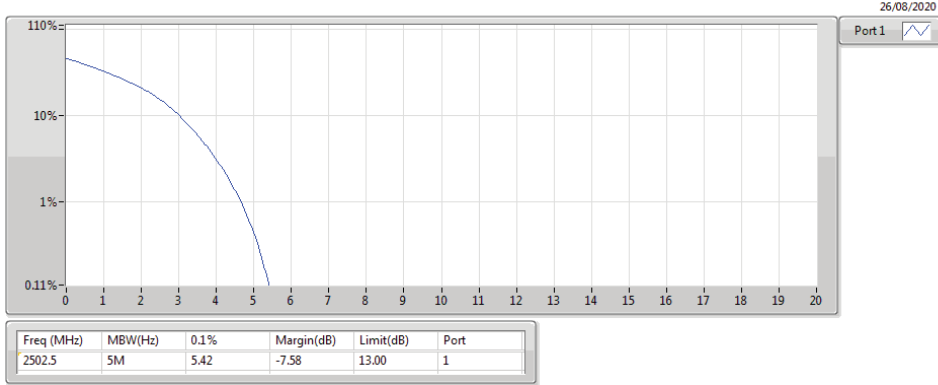
Band 7_LTE_20MHz_Nss1,QPSK_1TX
2560MHz_QPSK_RB 50,#RB M

PAR



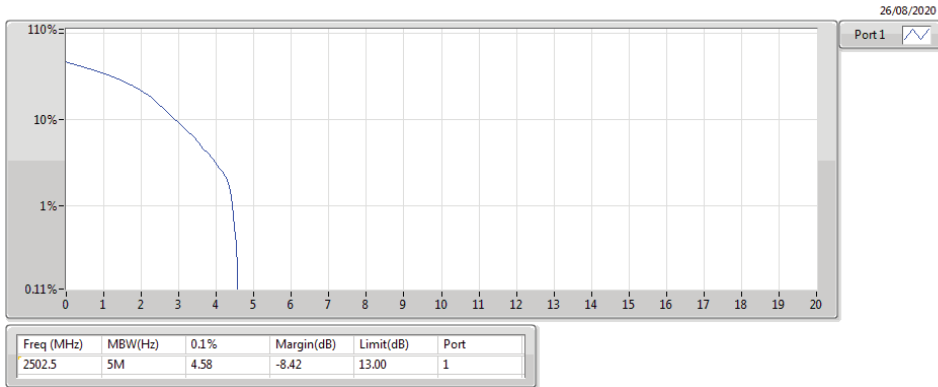
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2502.5MHz_16QAM_RB 25,#RB 0

PAR



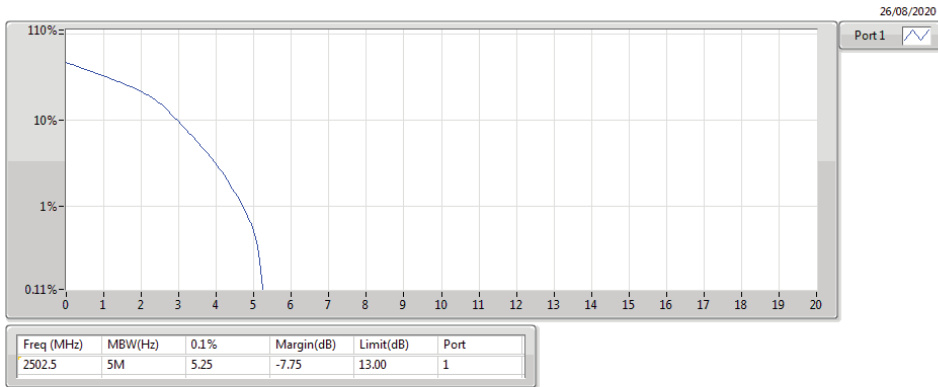
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2502.5MHz_16QAM_RB 1,#RB M

PAR



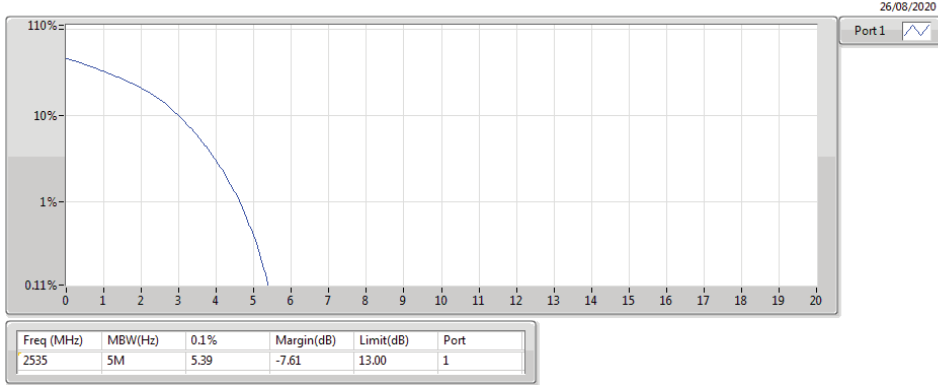
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2502.5MHz_16QAM_RB 12,#RB M

PAR



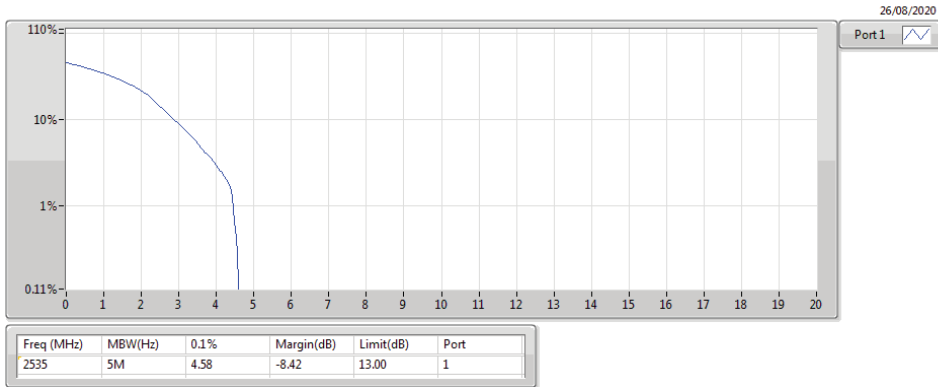
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 25,#RB 0

PAR



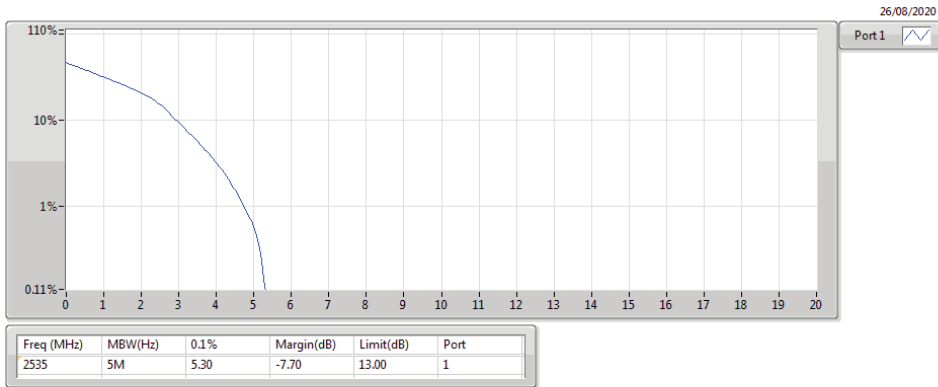
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB M

PAR



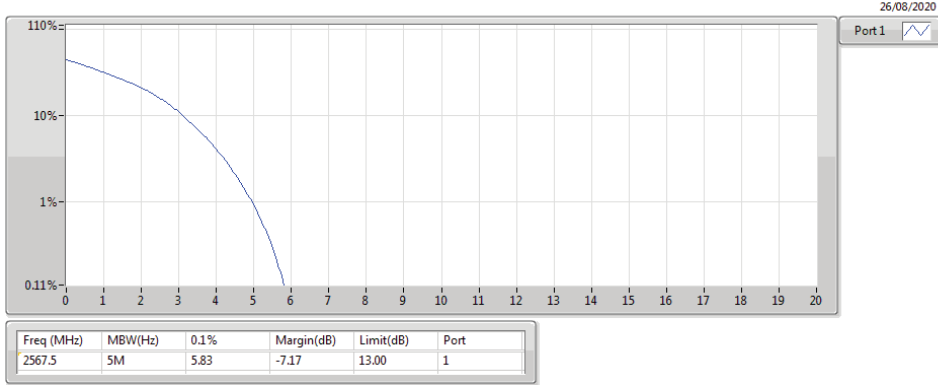
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PAR



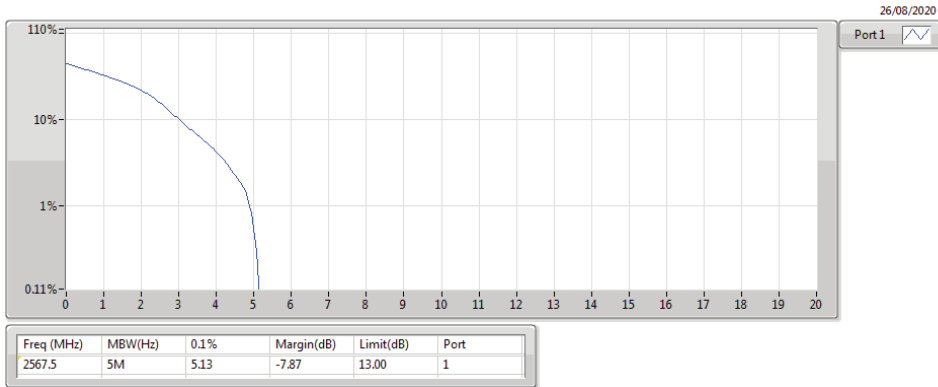
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 25,#RB 0

PAR



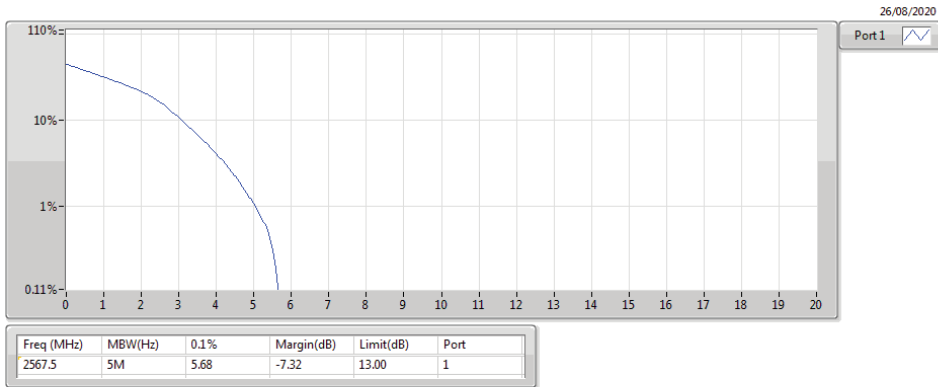
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 1,#RB M

PAR



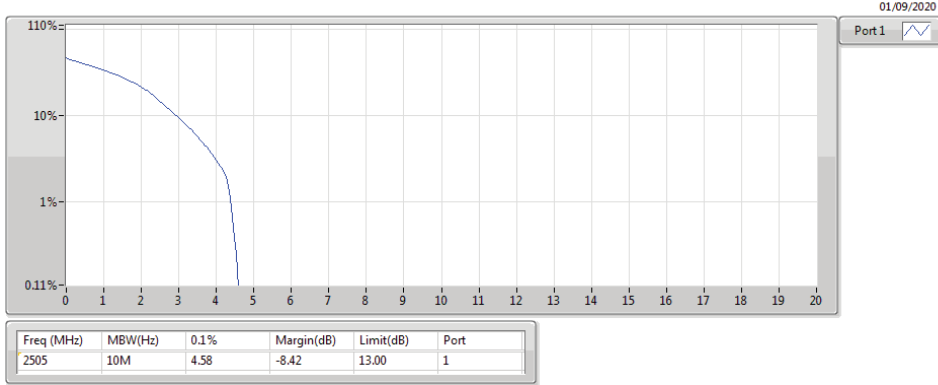
Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 12,#RB M

PAR



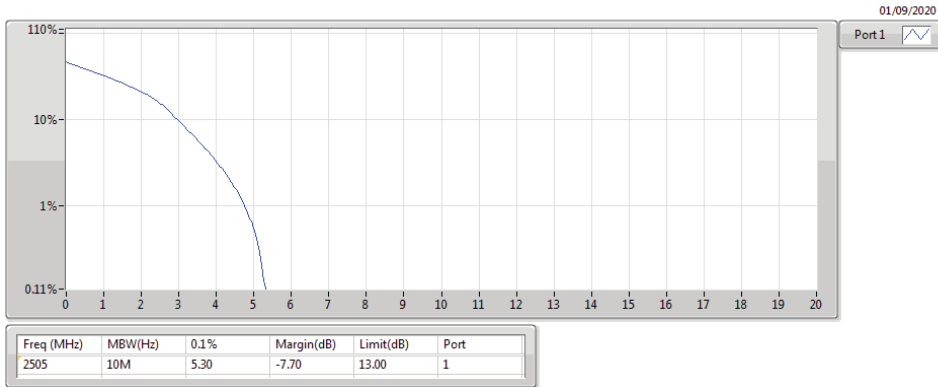
Band 7_LTE_10MHz_Nss1,16QAM_1TX
2505MHz_16QAM_RB 1,#RB M

PAR



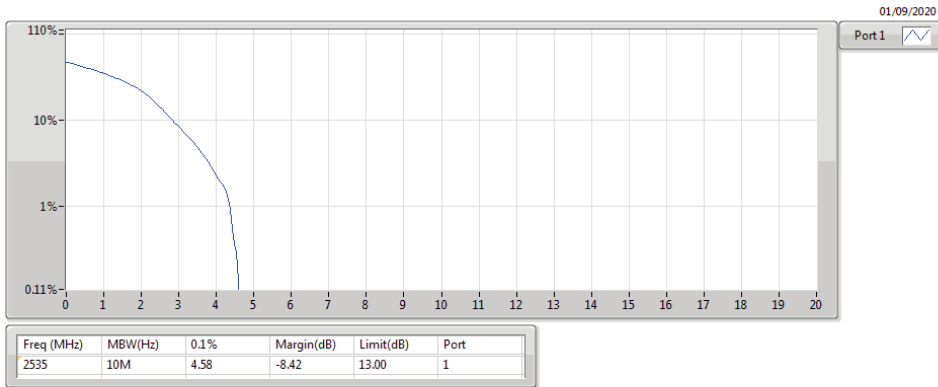
Band 7_LTE_10MHz_Nss1,16QAM_1TX
2505MHz_16QAM_RB 25,#RB M

PAR



Band 7_LTE_10MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB M

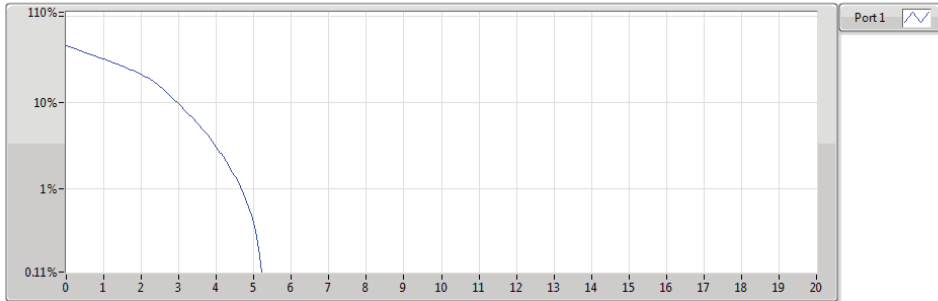
PAR



Band 7_LTE_10MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 25,#RB M

PAR

01/09/2020

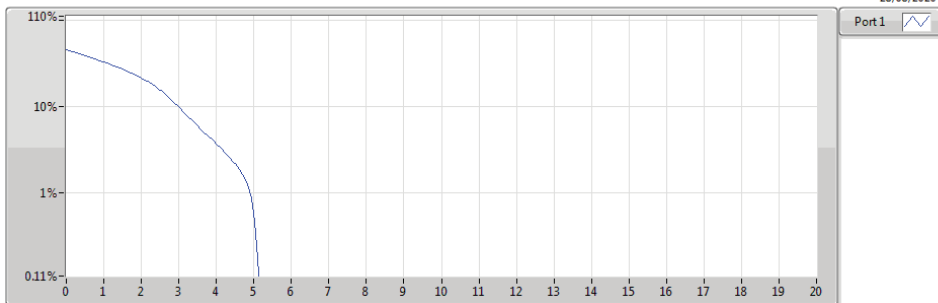


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2535 | 10M | 5.22 | -7.78 | 13.00 | 1 |

Band 7_LTE_10MHz_Nss1,16QAM_1TX
2565MHz_16QAM_RB 1,#RB M

PAR

28/08/2020

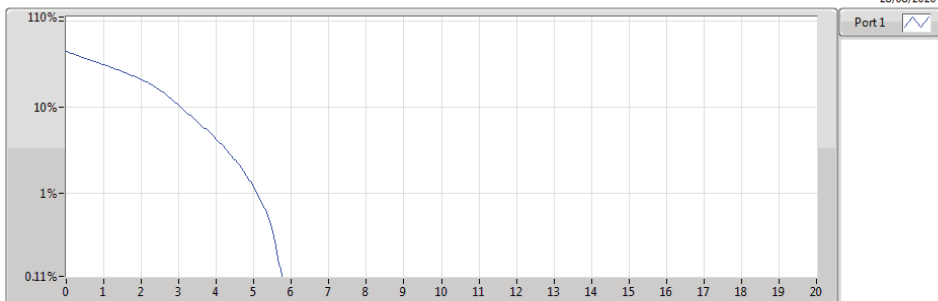


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2565 | 10M | 5.13 | -7.87 | 13.00 | 1 |

Band 7_LTE_10MHz_Nss1,16QAM_1TX
2565MHz_16QAM_RB 25,#RB M

PAR

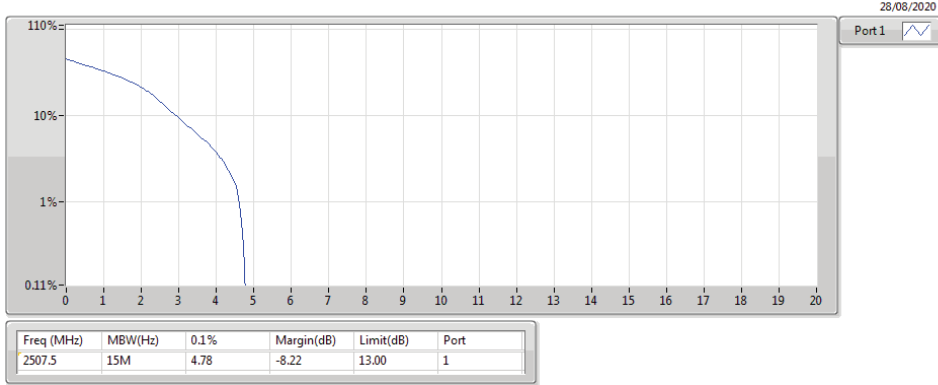
28/08/2020



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 2565 | 10M | 5.77 | -7.23 | 13.00 | 1 |

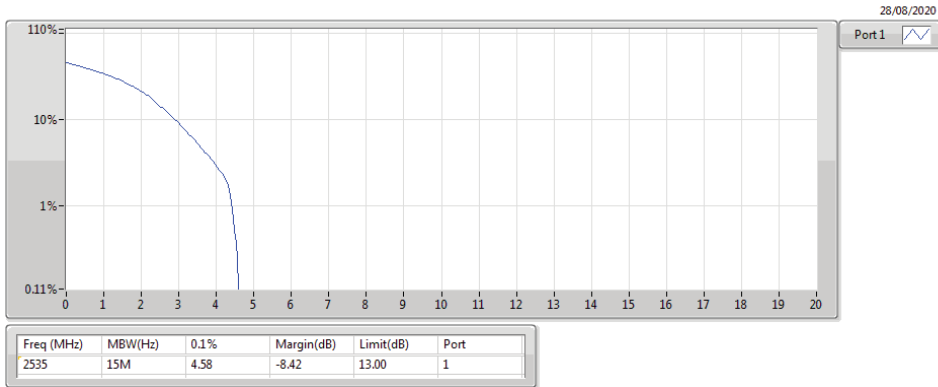
Band 7_LTE_15MHz_Nss1,16QAM_1TX
2507.5MHz_16QAM_RB 1,#RB M

PAR



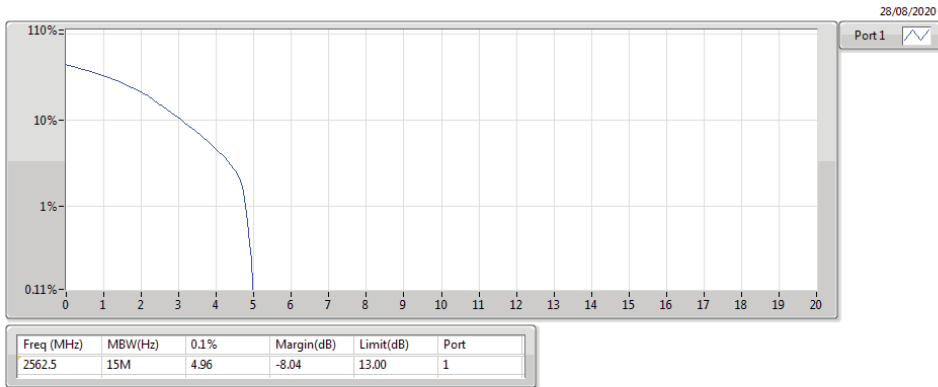
Band 7_LTE_15MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB M

PAR



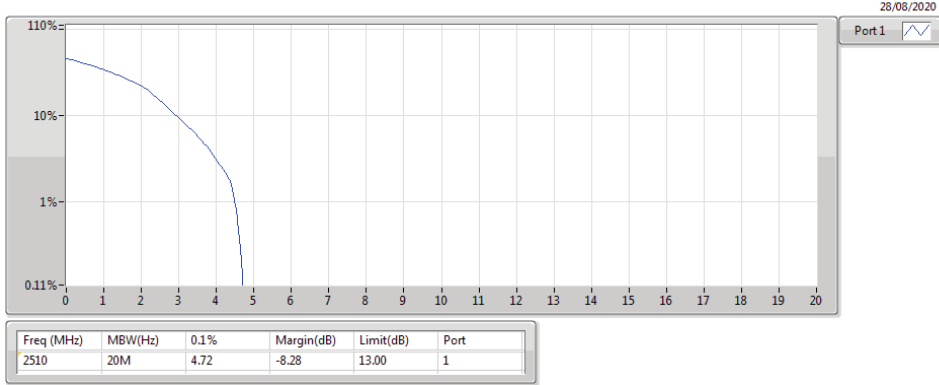
Band 7_LTE_15MHz_Nss1,16QAM_1TX
2562.5MHz_16QAM_RB 1,#RB M

PAR



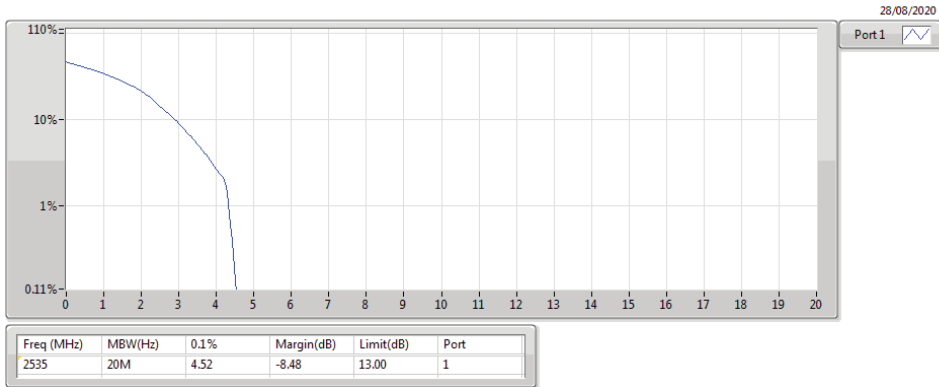
Band 7_LTE_20MHz_Nss1,16QAM_1TX
2510MHz_16QAM_RB 1,#RB M

PAR



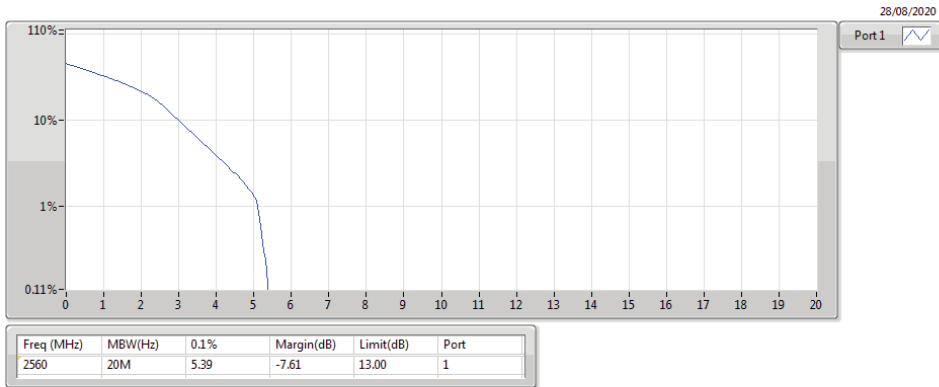
Band 7_LTE_20MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB M

PAR



Band 7_LTE_20MHz_Nss1,16QAM_1TX
2560MHz_16QAM_RB 1,#RB M

PAR





Summary

| Mode | Max-OBW (Hz) | Max- | ITU-Code | Min-OBW (Hz) | Min- |
|-----------------------|-----------------|------|----------|-----------------|------|
| 850 | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | 244.878k | Inf | 245KGXW | 241.129k | Inf |
| EGPRS_200kHz_Nss1_1TX | 244.878k | Inf | 245KG7W | 238.381k | Inf |
| 1900 | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | 248.876k | Inf | 245KGXW | 232.884k | Inf |
| EGPRS_200kHz_Nss1_1TX | 251.124k | Inf | 251KG7W | 235.132k | Inf |

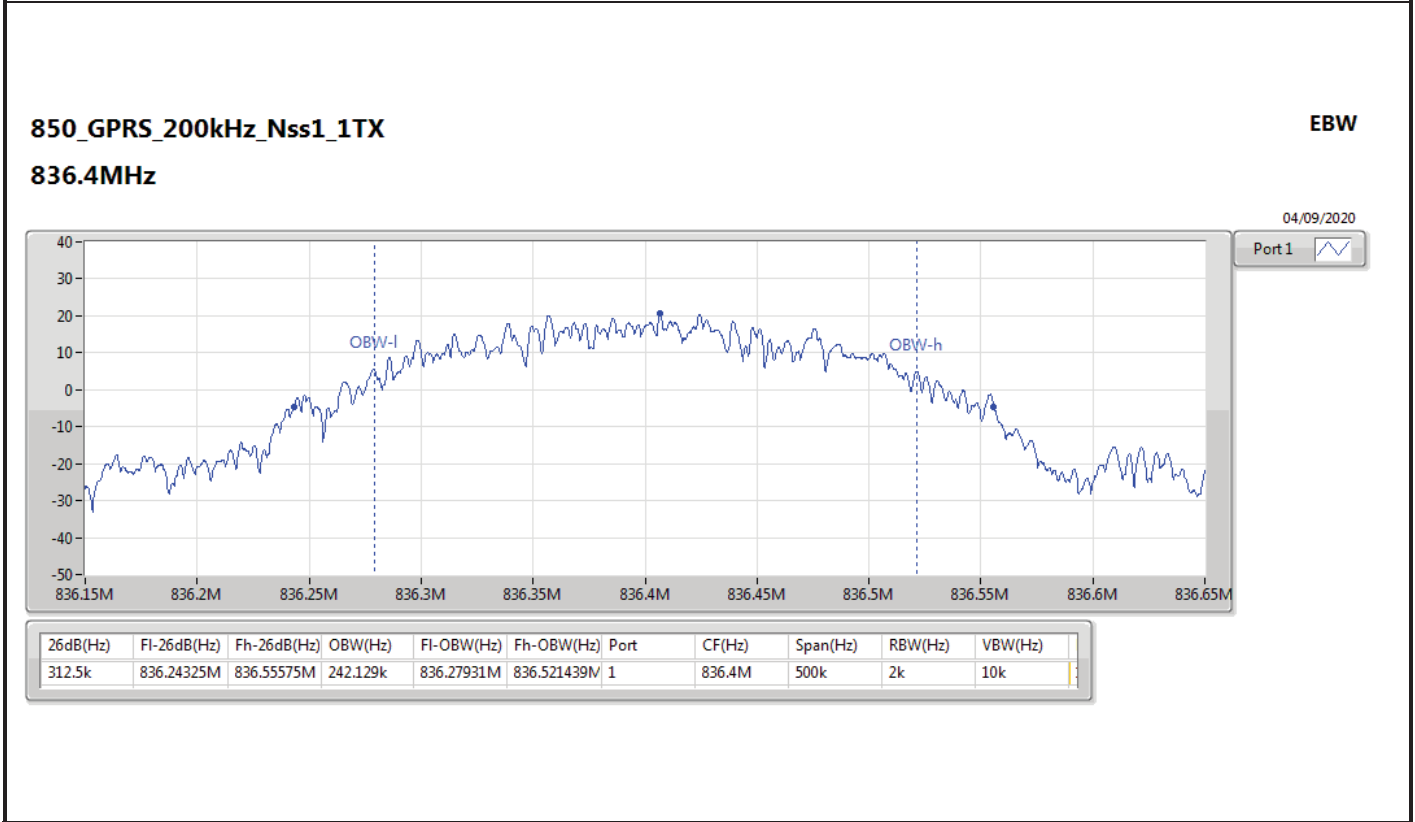
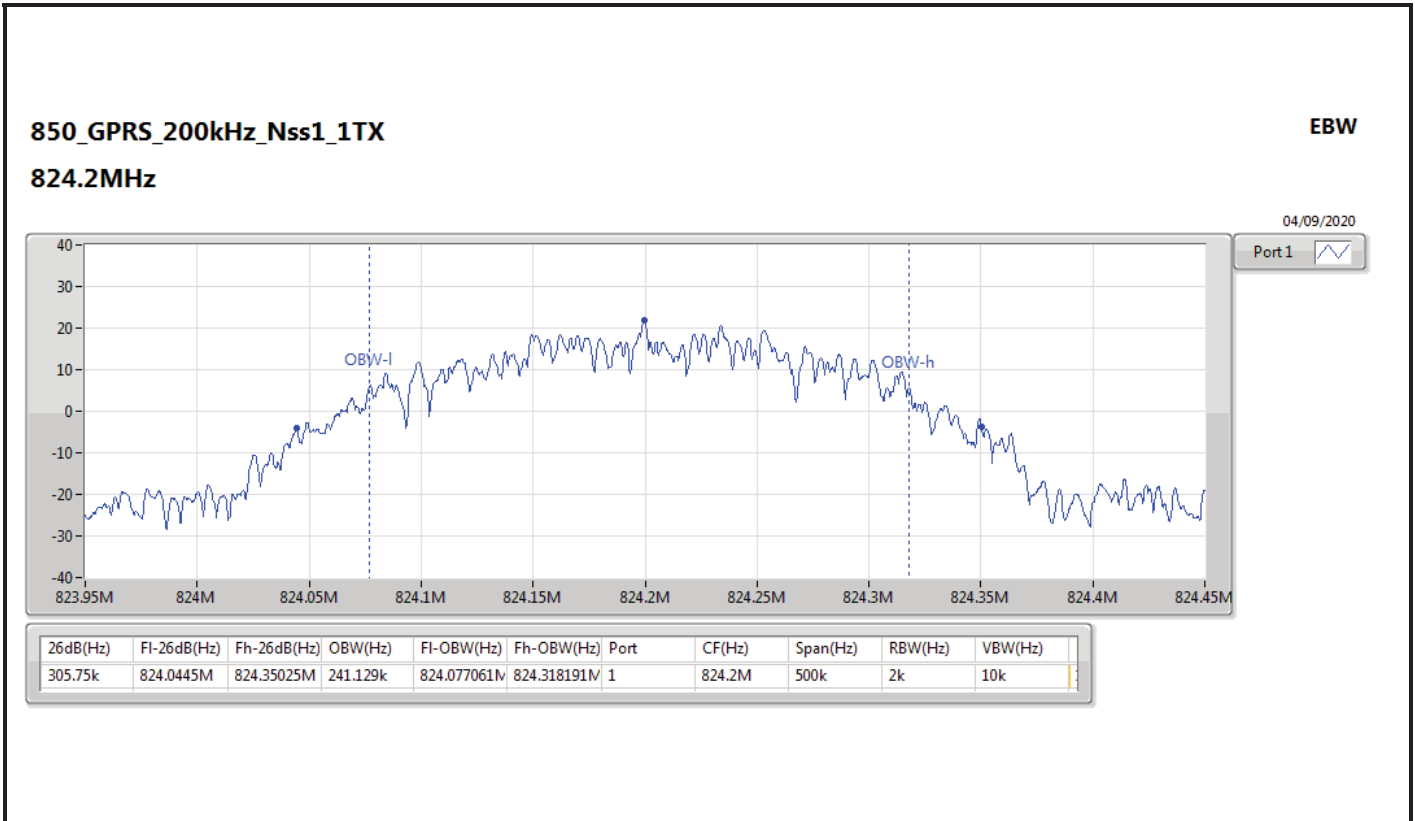
Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

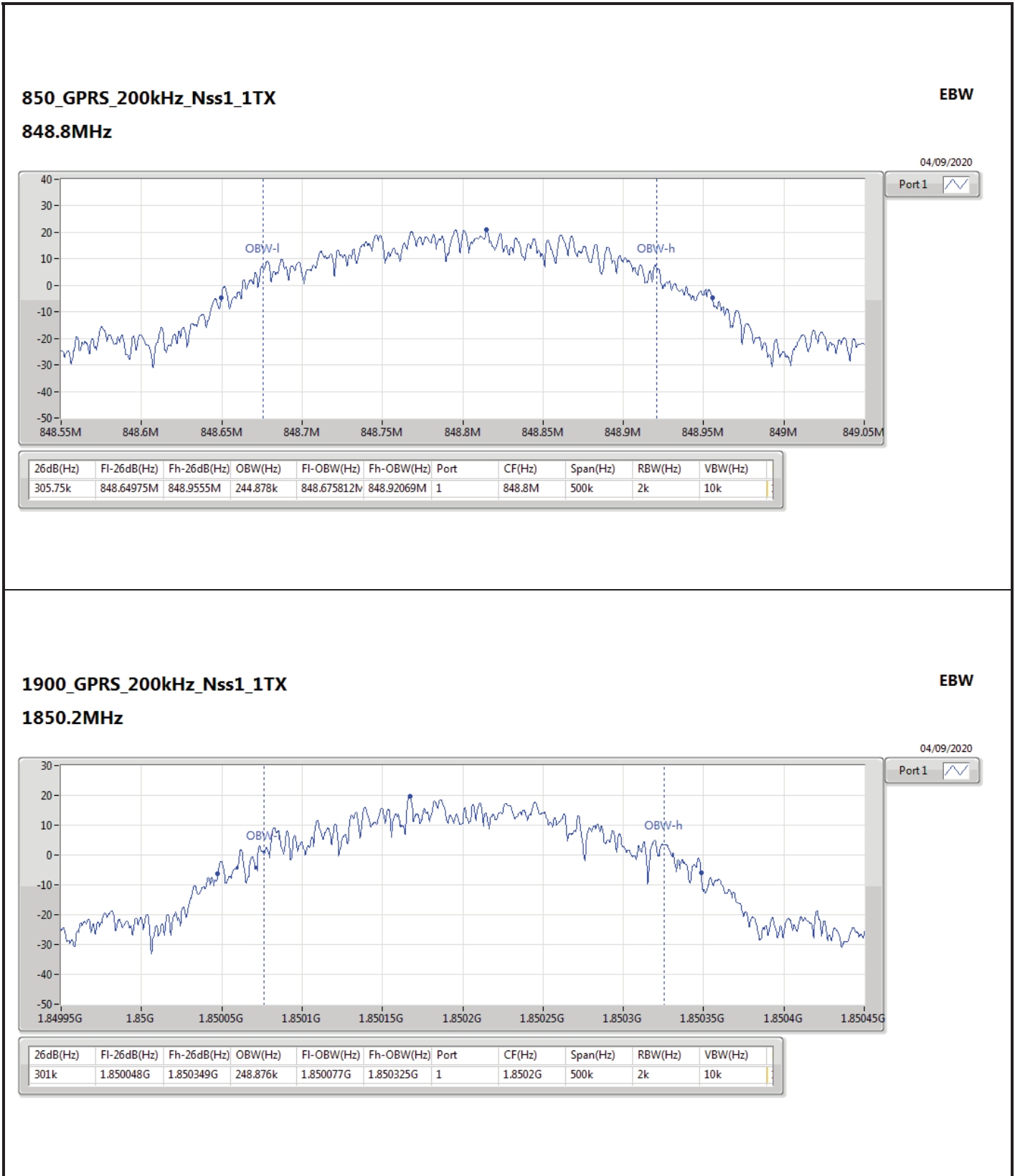


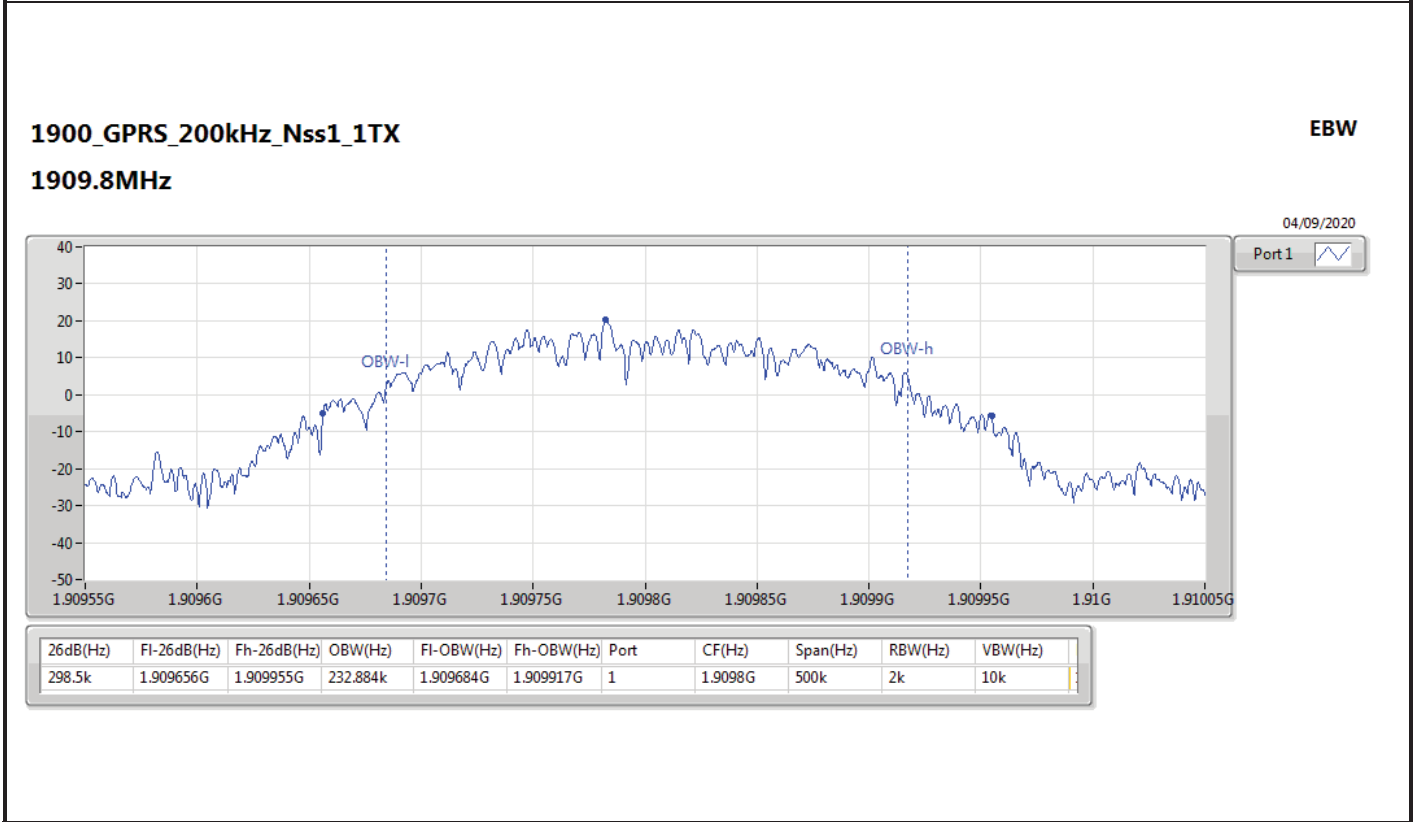
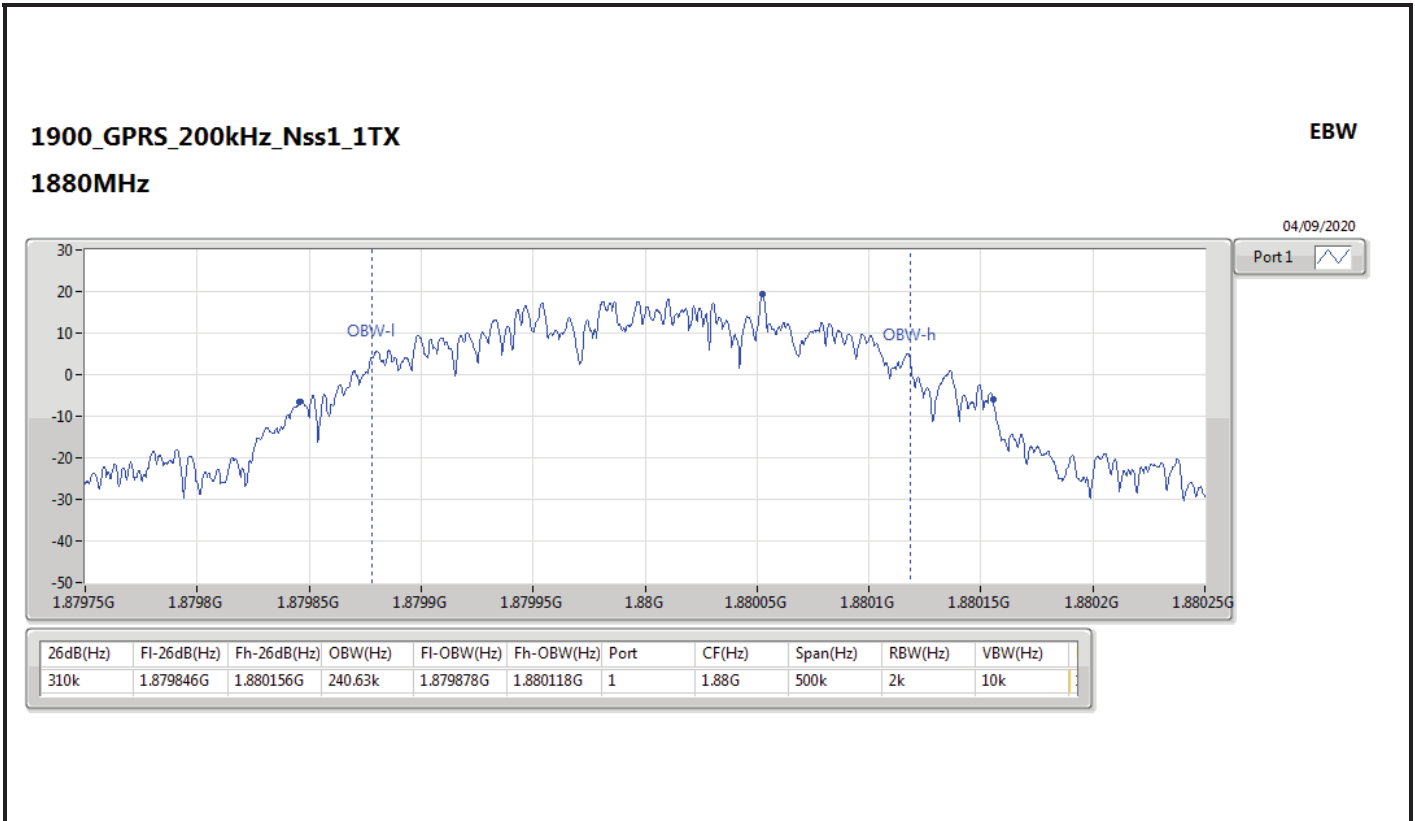
Result

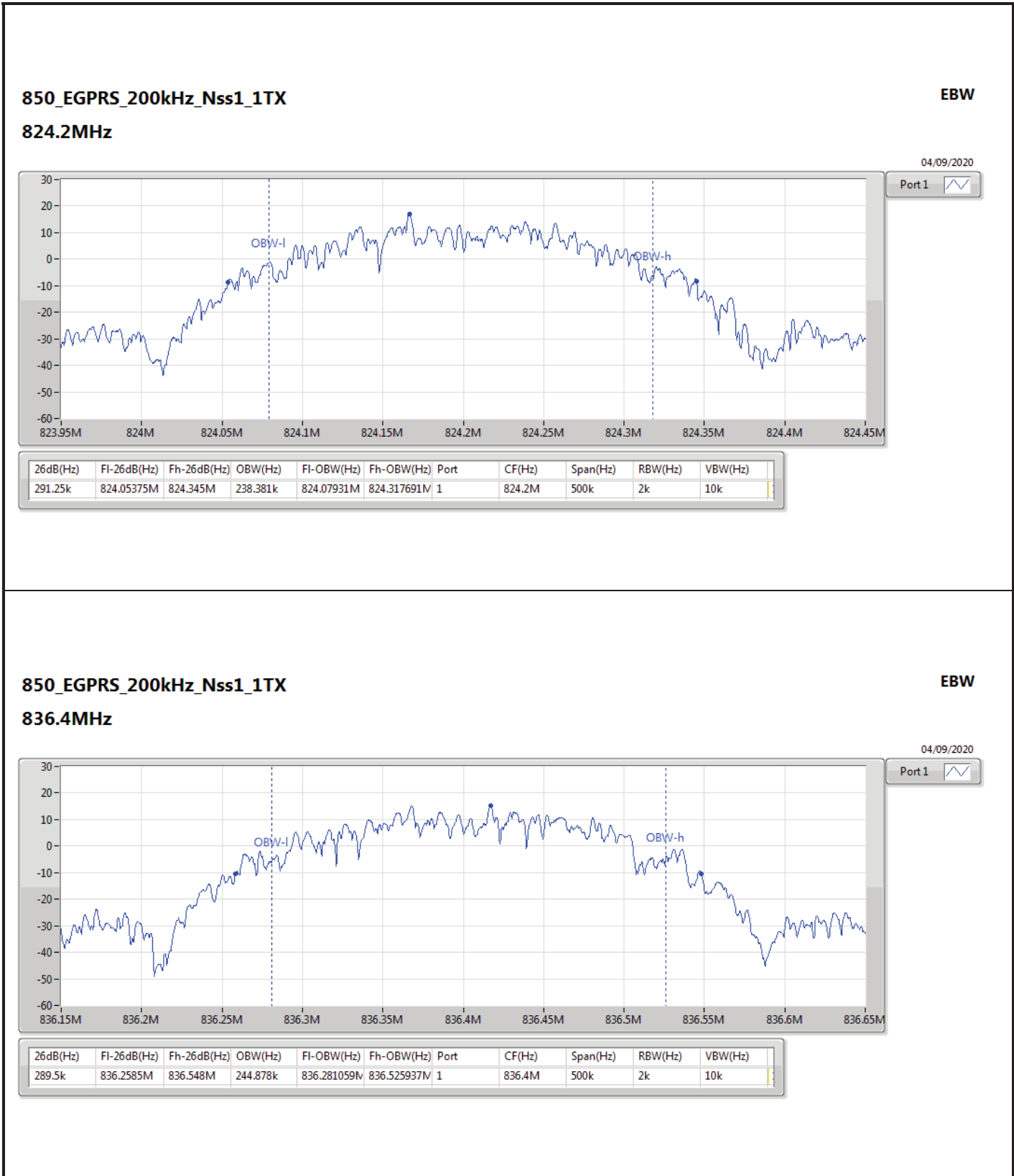
| Mode | Result | Port 1-NdB (Hz) | Port 1-OBW (Hz) | Limit (Hz) |
|----------------------------|--------|--------------------|--------------------|---------------|
| 850_GPRS_200kHz_Nss1_1TX | - | - | - | - |
| 824.2MHz | Pass | 305.75k | 241.129k | Inf |
| 836.4MHz | Pass | 312.5k | 242.129k | Inf |
| 848.8MHz | Pass | 305.75k | 244.878k | Inf |
| 1900_GPRS_200kHz_Nss1_1TX | - | - | - | - |
| 1850.2MHz | Pass | 301k | 248.876k | Inf |
| 1880MHz | Pass | 310k | 240.63k | Inf |
| 1909.8MHz | Pass | 298.5k | 232.884k | Inf |
| 850_EGPRS_200kHz_Nss1_1TX | - | - | - | - |
| 824.2MHz | Pass | 291.25k | 238.381k | Inf |
| 836.4MHz | Pass | 289.5k | 244.878k | Inf |
| 848.8MHz | Pass | 293.75k | 243.628k | Inf |
| 1900_EGPRS_200kHz_Nss1_1TX | - | - | - | - |
| 1850.2MHz | Pass | 300.75k | 235.132k | Inf |
| 1880MHz | Pass | 291k | 251.124k | Inf |
| 1909.8MHz | Pass | 289.75k | 243.378k | Inf |

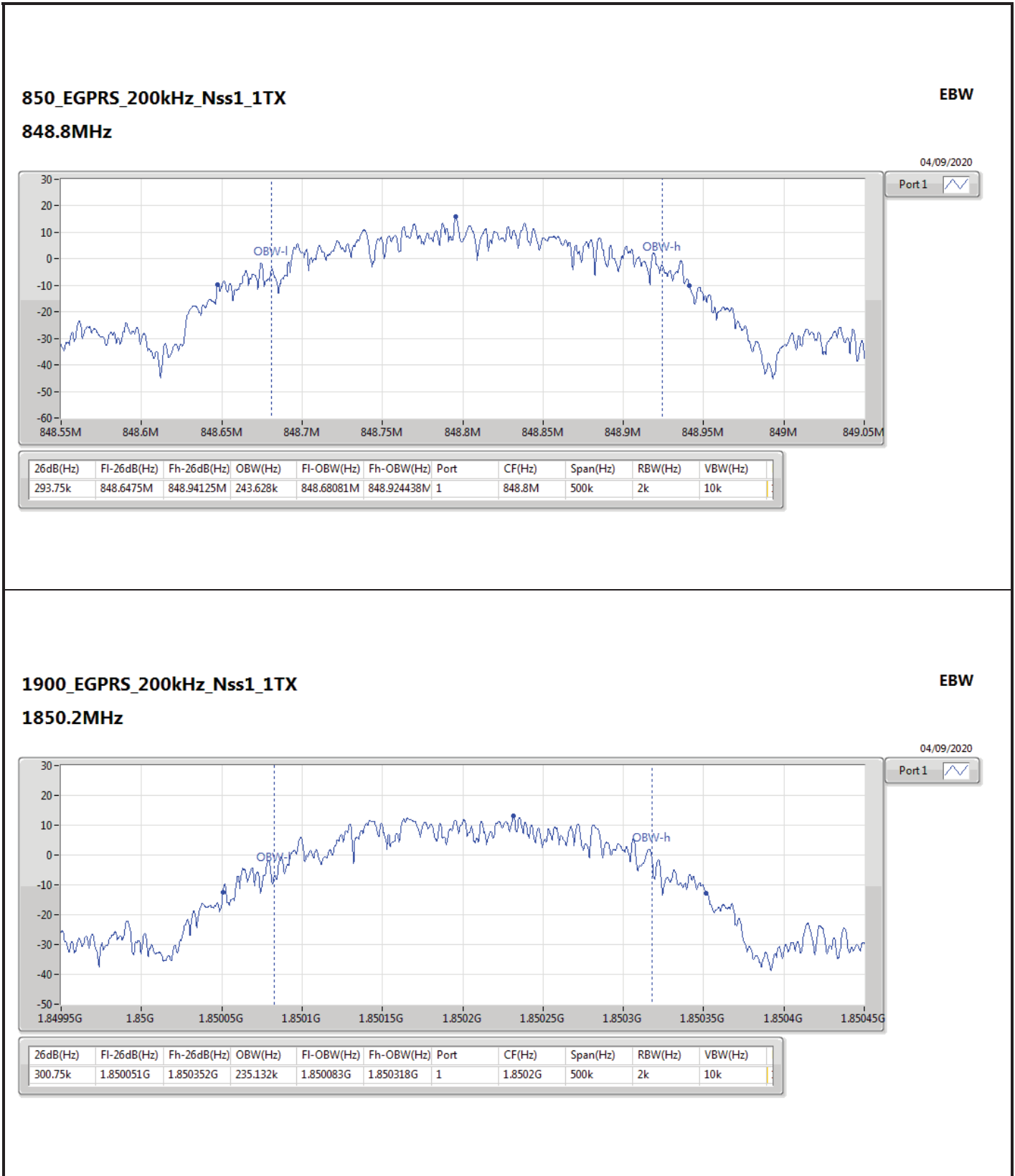
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

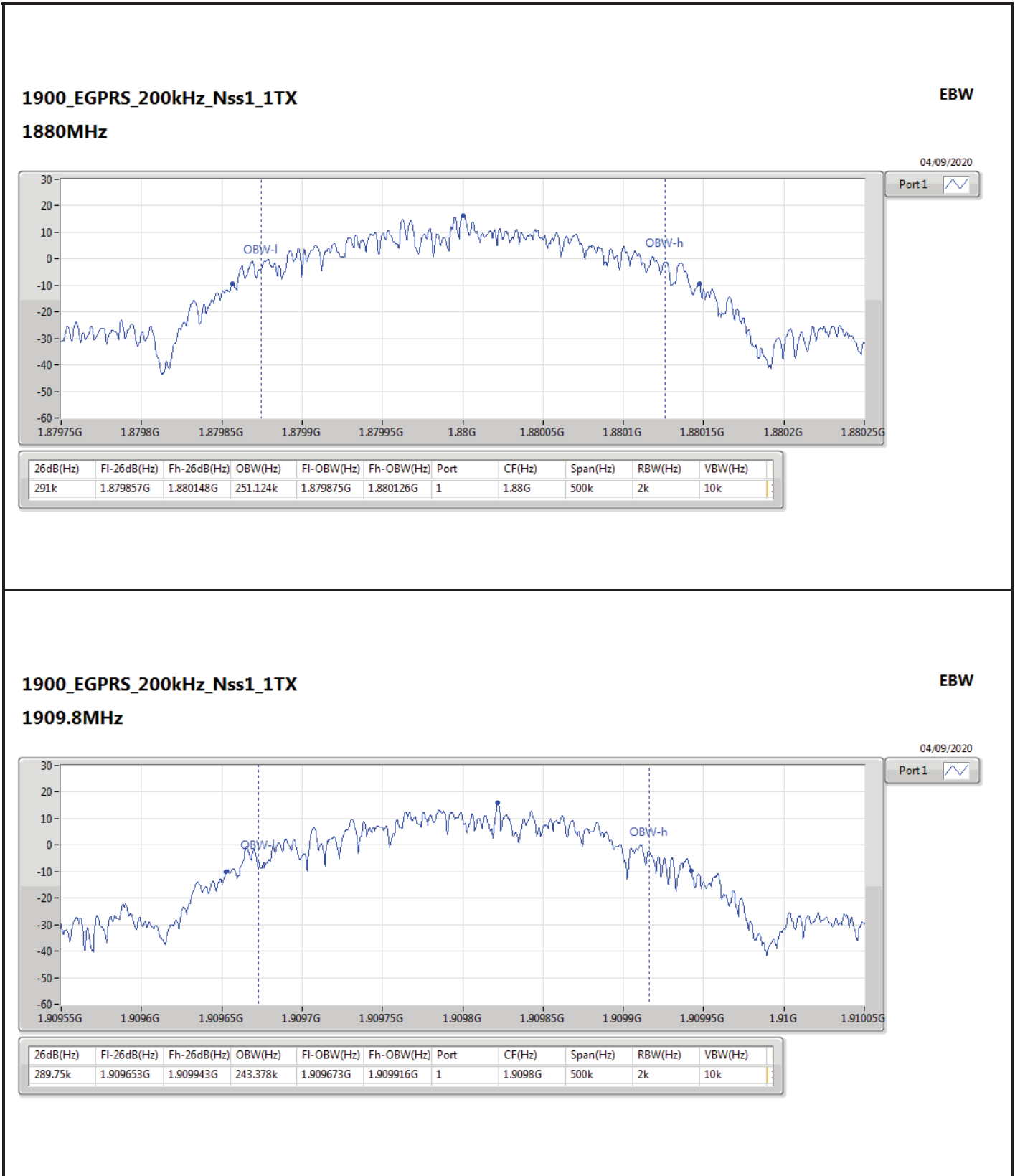














Summary

| Mode | Max-OBW (Hz) | Max- | ITU-Code | Min-OBW (Hz) | Min- |
|---------------------|-----------------|------|----------|-----------------|------|
| Band 2 | - | - | - | - | - |
| WCDMA_5MHz_Nss1_1TX | 4.135M | Inf | 4M1F9W | 4.098M | Inf |

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

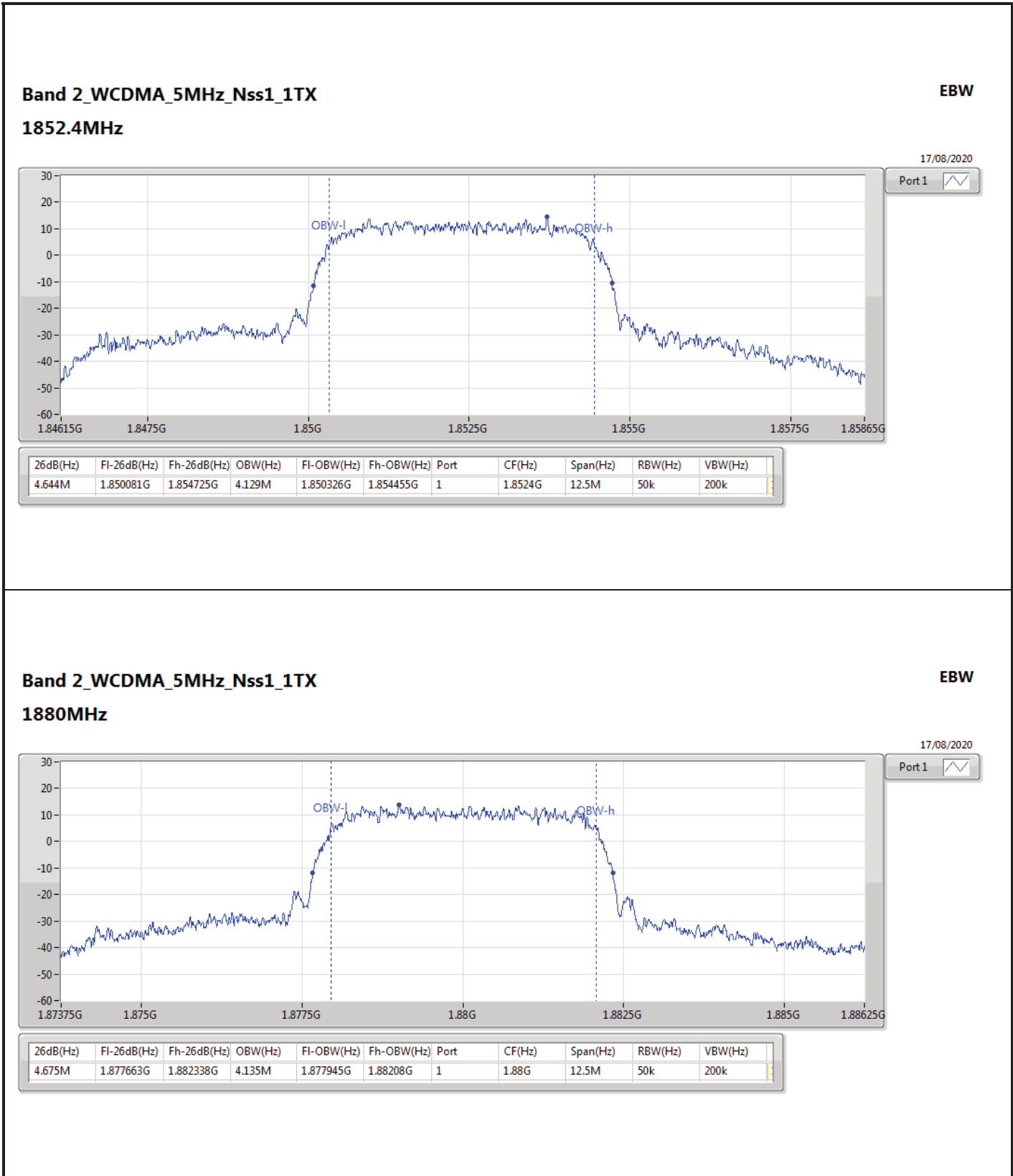
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

| Mode | Result | Port 1-NdB (Hz) | Port 1-OBW (Hz) | Limit (Hz) |
|----------------------------|--------|--------------------|--------------------|---------------|
| Band 2_WCDMA_5MHz_Nss1_1TX | - | - | - | - |
| 1852.4MHz | Pass | 4.644M | 4.129M | Inf |
| 1880MHz | Pass | 4.675M | 4.135M | Inf |
| 1907.6MHz | Pass | 4.656M | 4.098M | Inf |

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



Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

EBW

17/08/2020


Port 1 

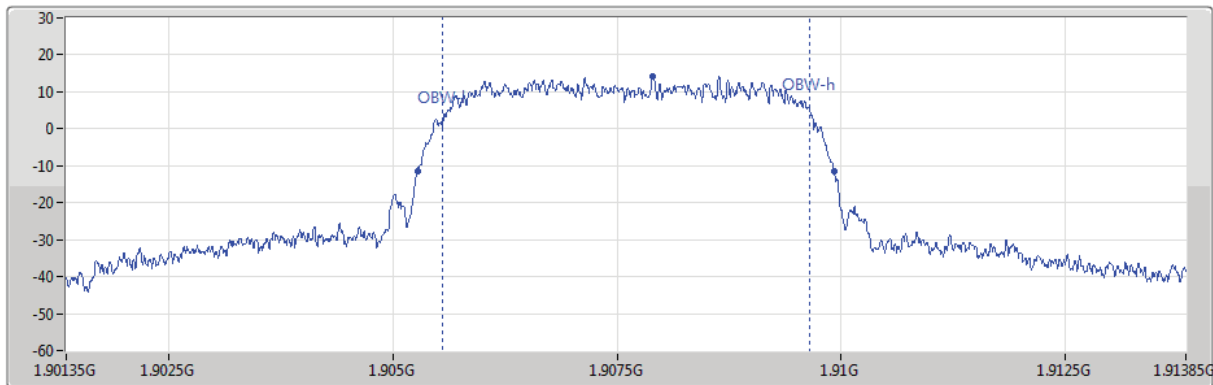
Band 2_WCDMA_5MHz_Nss1_1TX

EBW

1907.6MHz

17/08/2020

Port1 



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.656M | 1.905269G | 1.909925G | 4.098M | 1.905557G | 1.909655G | 1 | 1.9076G | 12.5M | 50k | 200k |



Summary

| Mode | Max-OBW (Hz) | Max- | ITU-Code | Min-OBW (Hz) | Min- |
|---------------------------|-----------------|------|----------|-----------------|------|
| Band 2 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 1.083M | Inf | 1M1G7D | 1.076M | Inf |
| LTE_3MHz_Nss1,QPSK_1TX | 2.695M | Inf | 2M7G7D | 2.676M | Inf |
| LTE_5MHz_Nss1,QPSK_1TX | 4.485M | Inf | 4M5G7D | 4.473M | Inf |
| LTE_10MHz_Nss1,QPSK_1TX | 8.921M | Inf | 8M9G7D | 8.908M | Inf |
| LTE_15MHz_Nss1,QPSK_1TX | 13.381M | Inf | 13M4G7D | 13.362M | Inf |
| LTE_20MHz_Nss1,QPSK_1TX | 17.816M | Inf | 17M8G7D | 17.766M | Inf |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.088M | Inf | 1M1W7D | 1.083M | Inf |
| LTE_3MHz_Nss1,16QAM_1TX | 2.687M | Inf | 2M7W7D | 2.68M | Inf |
| LTE_5MHz_Nss1,16QAM_1TX | 4.479M | Inf | 4M5W7D | 4.448M | Inf |
| Band 4 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 1.081M | Inf | 1M1G7D | 1.079M | Inf |
| LTE_3MHz_Nss1,QPSK_1TX | 2.68M | Inf | 2M7G7D | 2.665M | Inf |
| LTE_5MHz_Nss1,QPSK_1TX | 4.473M | Inf | 4M5G7D | 4.454M | Inf |
| LTE_10MHz_Nss1,QPSK_1TX | 8.908M | Inf | 8M9G7D | 8.896M | Inf |
| LTE_15MHz_Nss1,QPSK_1TX | 13.4M | Inf | 13M4G7D | 13.343M | Inf |
| LTE_20MHz_Nss1,QPSK_1TX | 17.841M | Inf | 17M8G7D | 17.791M | Inf |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.084M | Inf | 1M1W7D | 1.079M | Inf |
| LTE_3MHz_Nss1,16QAM_1TX | 2.68M | Inf | 2M7W7D | 2.676M | Inf |
| LTE_5MHz_Nss1,16QAM_1TX | 4.473M | Inf | 4M5W7D | 4.46M | Inf |
| Band 7 | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | 4.473M | Inf | 4M5G7D | 4.46M | Inf |
| LTE_10MHz_Nss1,QPSK_1TX | 8.921M | Inf | 8M9G7D | 8.896M | Inf |
| LTE_15MHz_Nss1,QPSK_1TX | 13.381M | Inf | 13M4G7D | 13.343M | Inf |
| LTE_20MHz_Nss1,QPSK_1TX | 17.841M | Inf | 17M8W7D | 17.741M | Inf |
| LTE_5MHz_Nss1,16QAM_1TX | 4.485M | Inf | 4M5W7D | 4.448M | Inf |

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



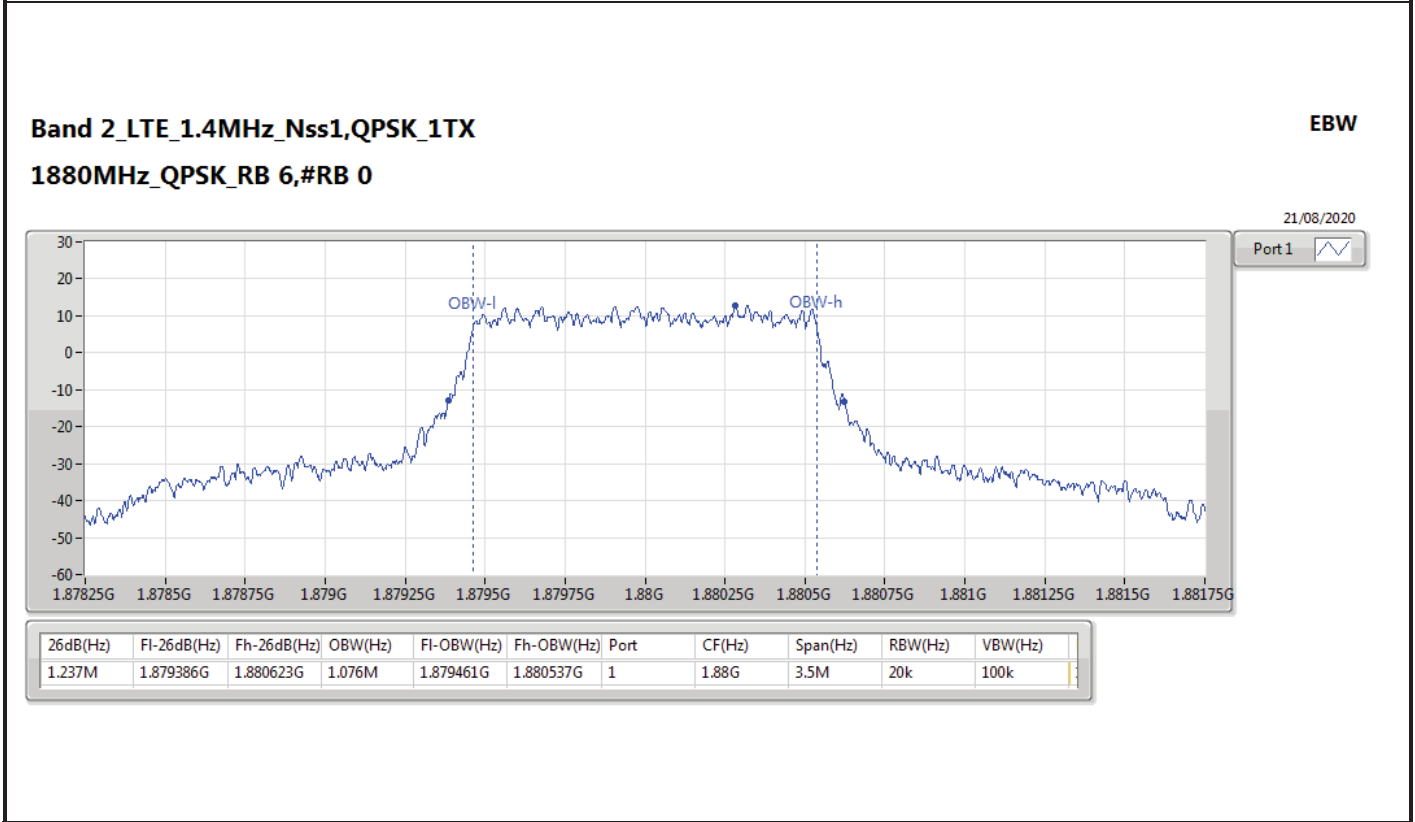
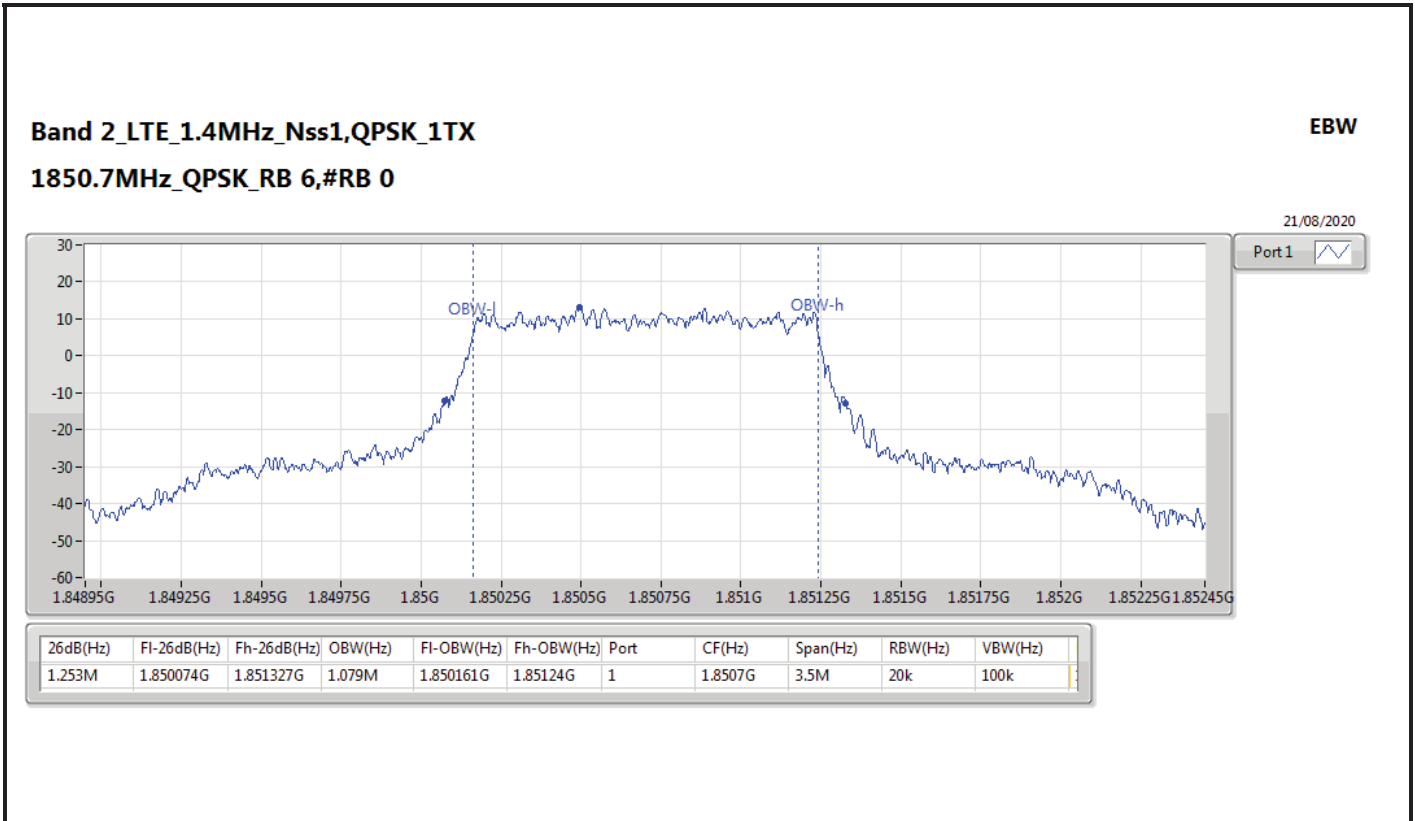
Result

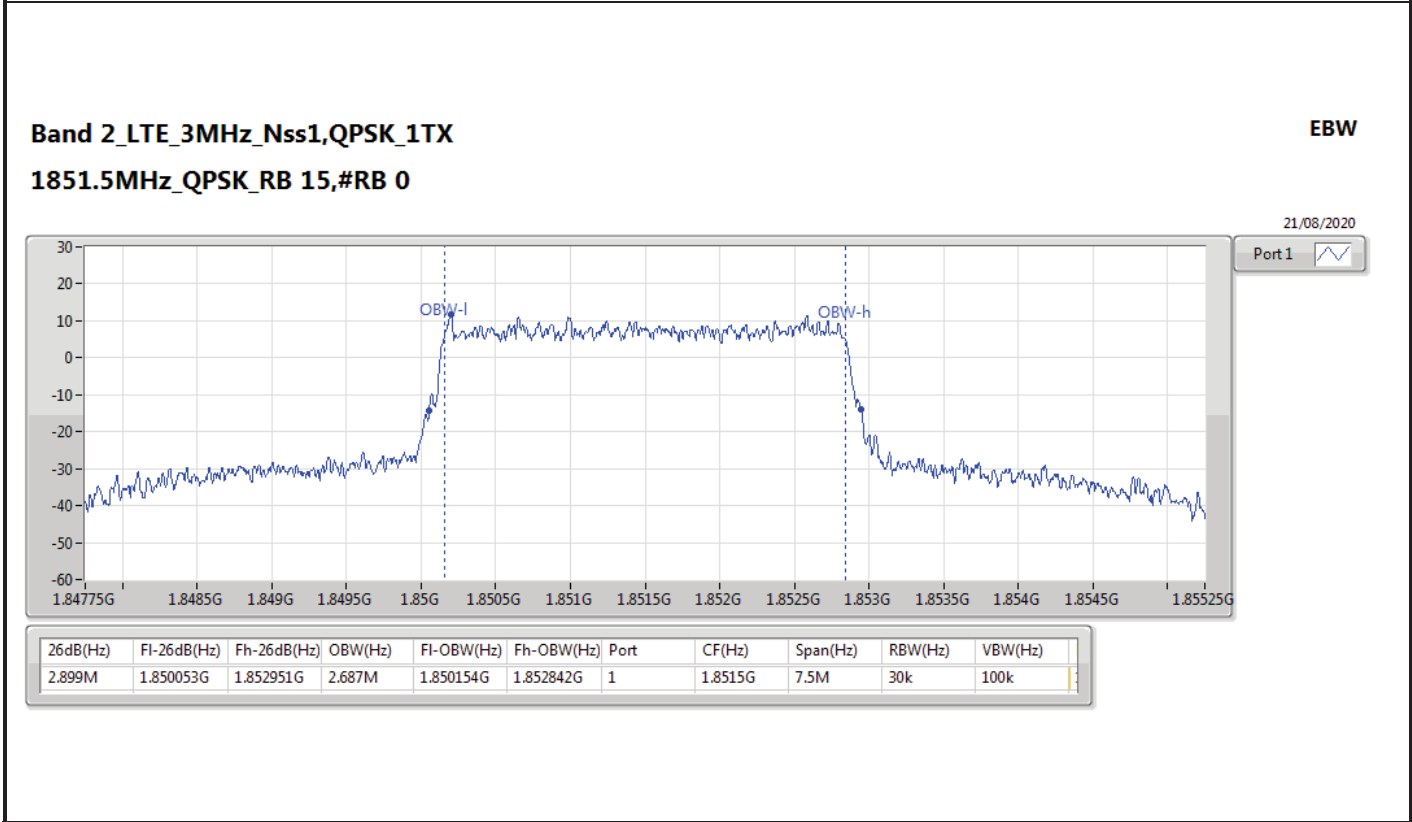
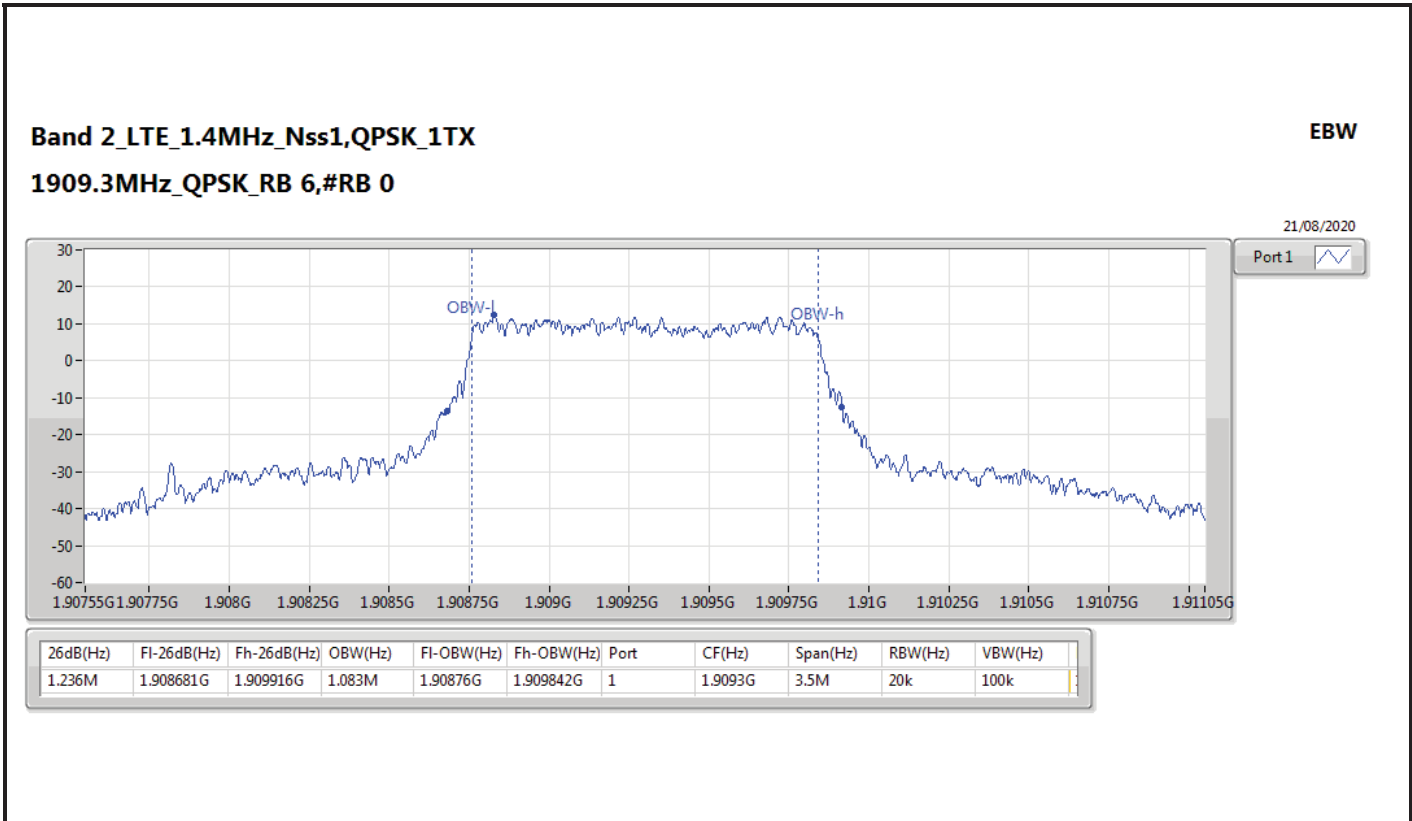
| Mode | Result | Port 1-NdB (Hz) | Port 1-OBW (Hz) | Limit (Hz) |
|----------------------------------|--------|--------------------|--------------------|---------------|
| Band 2_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 1.253M | 1.079M | Inf |
| 1880MHz_RB 6,#RB 0 | Pass | 1.237M | 1.076M | Inf |
| 1909.3MHz_RB 6,#RB 0 | Pass | 1.236M | 1.083M | Inf |
| Band 2_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1851.5MHz_RB 15,#RB 0 | Pass | 2.899M | 2.687M | Inf |
| 1880MHz_RB 15,#RB 0 | Pass | 2.899M | 2.695M | Inf |
| 1908.5MHz_RB 15,#RB 0 | Pass | 2.91M | 2.676M | Inf |
| Band 2_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1852.5MHz_RB 25,#RB 0 | Pass | 4.763M | 4.473M | Inf |
| 1880MHz_RB 25,#RB 0 | Pass | 4.856M | 4.485M | Inf |
| 1907.5MHz_RB 25,#RB 0 | Pass | 4.825M | 4.473M | Inf |
| Band 2_LTE_10MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1855MHz_RB 50,#RB 0 | Pass | 9.488M | 8.908M | Inf |
| 1880MHz_RB 50,#RB 0 | Pass | 9.65M | 8.908M | Inf |
| 1905MHz_RB 50,#RB 0 | Pass | 9.563M | 8.921M | Inf |
| Band 2_LTE_15MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1857.5MHz_RB 75,#RB 0 | Pass | 14.344M | 13.381M | Inf |
| 1880MHz_RB 75,#RB 0 | Pass | 14.381M | 13.381M | Inf |
| 1902.5MHz_RB 75,#RB 0 | Pass | 14.269M | 13.362M | Inf |
| Band 2_LTE_20MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1860MHz_RB 100,#RB 0 | Pass | 18.85M | 17.791M | Inf |
| 1880MHz_RB 100,#RB 0 | Pass | 18.8M | 17.816M | Inf |
| 1900MHz_RB 100,#RB 0 | Pass | 18.875M | 17.766M | Inf |
| Band 2_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1850.7MHz_RB 6,#RB 0 | Pass | 1.236M | 1.088M | Inf |
| 1880MHz_RB 6,#RB 0 | Pass | 1.258M | 1.083M | Inf |
| 1909.3MHz_RB 6,#RB 0 | Pass | 1.229M | 1.083M | Inf |
| Band 2_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1851.5MHz_RB 15,#RB 0 | Pass | 2.873M | 2.687M | Inf |
| 1880MHz_RB 15,#RB 0 | Pass | 2.925M | 2.68M | Inf |
| 1908.5MHz_RB 15,#RB 0 | Pass | 2.914M | 2.68M | Inf |
| Band 2_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1852.5MHz_RB 25,#RB 0 | Pass | 4.825M | 4.467M | Inf |
| 1880MHz_RB 25,#RB 0 | Pass | 4.75M | 4.479M | Inf |
| 1907.5MHz_RB 25,#RB 0 | Pass | 4.769M | 4.448M | Inf |
| Band 4_LTE_1.4MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1710.7MHz_RB 6,#RB 0 | Pass | 1.251M | 1.079M | Inf |
| 1732.5MHz_RB 6,#RB 0 | Pass | 1.234M | 1.081M | Inf |
| 1754.3MHz_RB 6,#RB 0 | Pass | 1.211M | 1.079M | Inf |
| Band 4_LTE_3MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 2.903M | 2.68M | Inf |
| 1732.5MHz_RB 15,#RB 0 | Pass | 2.891M | 2.665M | Inf |
| 1753.5MHz_RB 15,#RB 0 | Pass | 2.873M | 2.672M | Inf |
| Band 4_LTE_5MHz_Nss1,QPSK_1TX | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 4.8M | 4.454M | Inf |
| 1732.5MHz_RB 25,#RB 0 | Pass | 4.794M | 4.473M | Inf |
| 1752.5MHz_RB 25,#RB 0 | Pass | 4.788M | 4.473M | Inf |

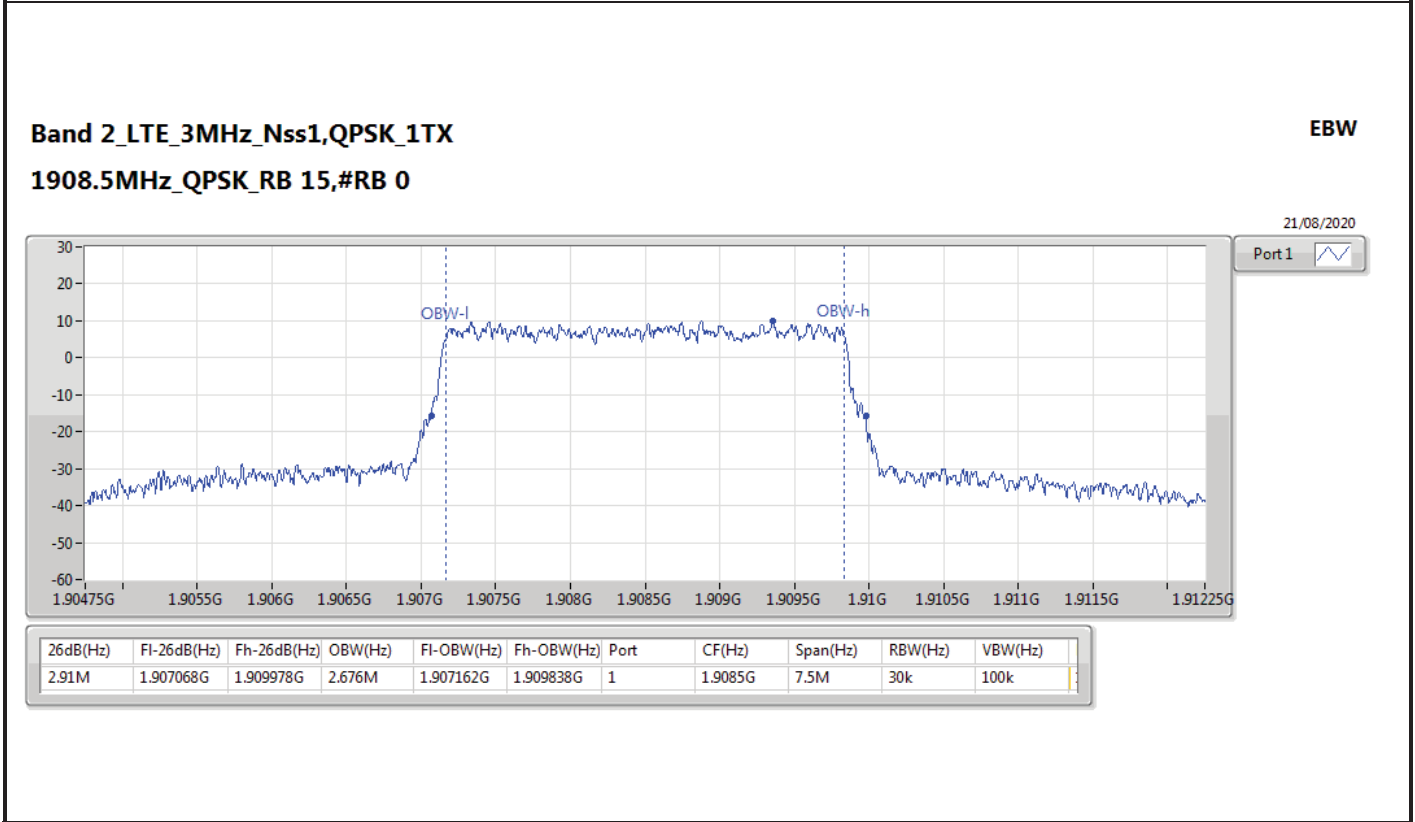
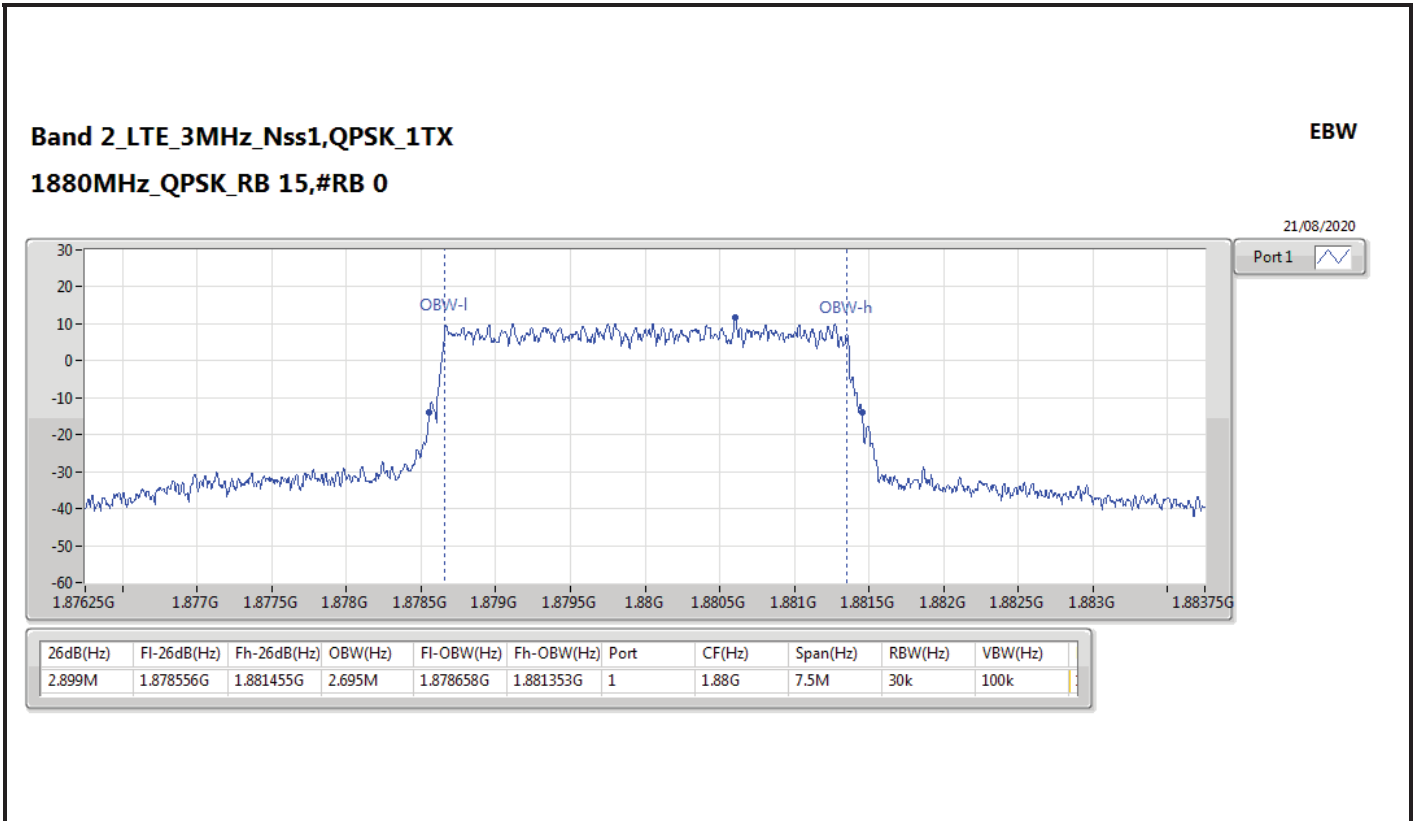


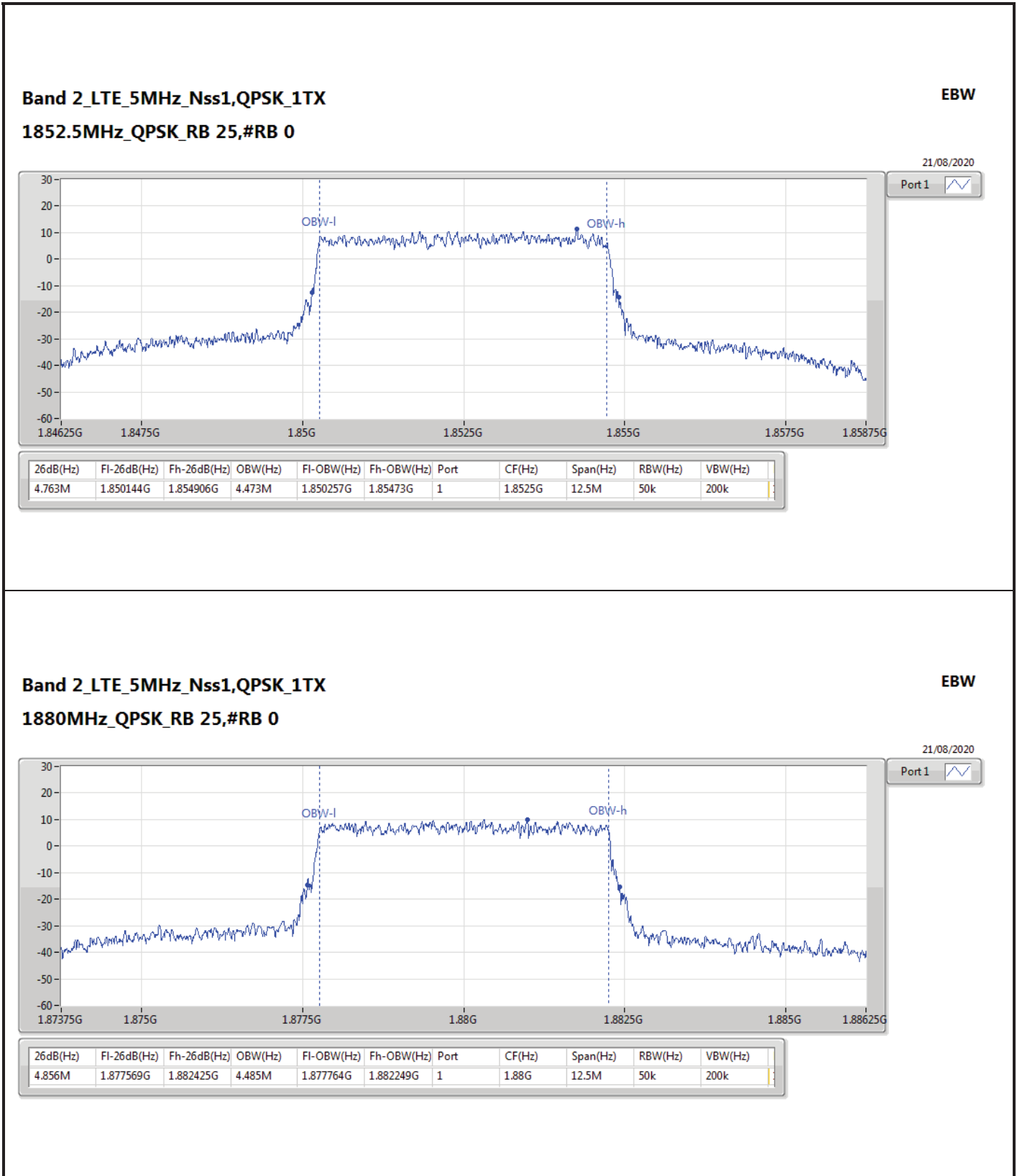
| Mode | Result | Port 1-NdB (Hz) | Port 1-OBW (Hz) | Limit (Hz) |
|----------------------------------|--------|--------------------|--------------------|---------------|
| Band 4_LTE_10MHz_Nss1,OPSK_1TX | - | - | - | - |
| 1715MHz_RB 50,#RB 0 | Pass | 9.588M | 8.908M | Inf |
| 1732.5MHz_RB 50,#RB 0 | Pass | 9.463M | 8.908M | Inf |
| 1750MHz_RB 50,#RB 0 | Pass | 9.513M | 8.896M | Inf |
| Band 4_LTE_15MHz_Nss1,OPSK_1TX | - | - | - | - |
| 1717.5MHz_RB 75,#RB 0 | Pass | 14.4M | 13.4M | Inf |
| 1732.5MHz_RB 75,#RB 0 | Pass | 14.419M | 13.343M | Inf |
| 1747.5MHz_RB 75,#RB 0 | Pass | 14.325M | 13.343M | Inf |
| Band 4_LTE_20MHz_Nss1,OPSK_1TX | - | - | - | - |
| 1720MHz_RB 100,#RB 0 | Pass | 18.95M | 17.791M | Inf |
| 1732.5MHz_RB 100,#RB 0 | Pass | 18.9M | 17.791M | Inf |
| 1745MHz_RB 100,#RB 0 | Pass | 18.775M | 17.841M | Inf |
| Band 4_LTE_1.4MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1710.7MHz_RB 6,#RB 0 | Pass | 1.239M | 1.083M | Inf |
| 1732.5MHz_RB 6,#RB 0 | Pass | 1.241M | 1.079M | Inf |
| 1754.3MHz_RB 6,#RB 0 | Pass | 1.239M | 1.084M | Inf |
| Band 4_LTE_3MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1711.5MHz_RB 15,#RB 0 | Pass | 2.899M | 2.68M | Inf |
| 1732.5MHz_RB 15,#RB 0 | Pass | 2.91M | 2.68M | Inf |
| 1753.5MHz_RB 15,#RB 0 | Pass | 2.899M | 2.676M | Inf |
| Band 4_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - |
| 1712.5MHz_RB 25,#RB 0 | Pass | 4.744M | 4.473M | Inf |
| 1732.5MHz_RB 25,#RB 0 | Pass | 4.806M | 4.473M | Inf |
| 1752.5MHz_RB 25,#RB 0 | Pass | 4.819M | 4.46M | Inf |
| Band 7_LTE_5MHz_Nss1,OPSK_1TX | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 4.869M | 4.473M | Inf |
| 2535MHz_RB 25,#RB 0 | Pass | 4.781M | 4.46M | Inf |
| 2567.5MHz_RB 25,#RB 0 | Pass | 4.744M | 4.473M | Inf |
| Band 7_LTE_10MHz_Nss1,OPSK_1TX | - | - | - | - |
| 2505MHz_RB 50,#RB 0 | Pass | 9.588M | 8.921M | Inf |
| 2535MHz_RB 50,#RB 0 | Pass | 9.413M | 8.896M | Inf |
| 2565MHz_RB 50,#RB 0 | Pass | 9.525M | 8.921M | Inf |
| Band 7_LTE_15MHz_Nss1,OPSK_1TX | - | - | - | - |
| 2507.5MHz_RB 75,#RB 0 | Pass | 14.288M | 13.381M | Inf |
| 2535MHz_RB 75,#RB 0 | Pass | 14.288M | 13.381M | Inf |
| 2562.5MHz_RB 75,#RB 0 | Pass | 14.325M | 13.343M | Inf |
| Band 7_LTE_20MHz_Nss1,OPSK_1TX | - | - | - | - |
| 2510MHz_RB 100,#RB 0 | Pass | 18.8M | 17.841M | Inf |
| 2535MHz_RB 100,#RB 0 | Pass | 18.75M | 17.741M | Inf |
| 2560MHz_RB 100,#RB 0 | Pass | 18.625M | 17.841M | Inf |
| Band 7_LTE_5MHz_Nss1,16QAM_1TX | - | - | - | - |
| 2502.5MHz_RB 25,#RB 0 | Pass | 4.756M | 4.46M | Inf |
| 2535MHz_RB 25,#RB 0 | Pass | 4.919M | 4.448M | Inf |
| 2567.5MHz_RB 25,#RB 0 | Pass | 4.781M | 4.485M | Inf |

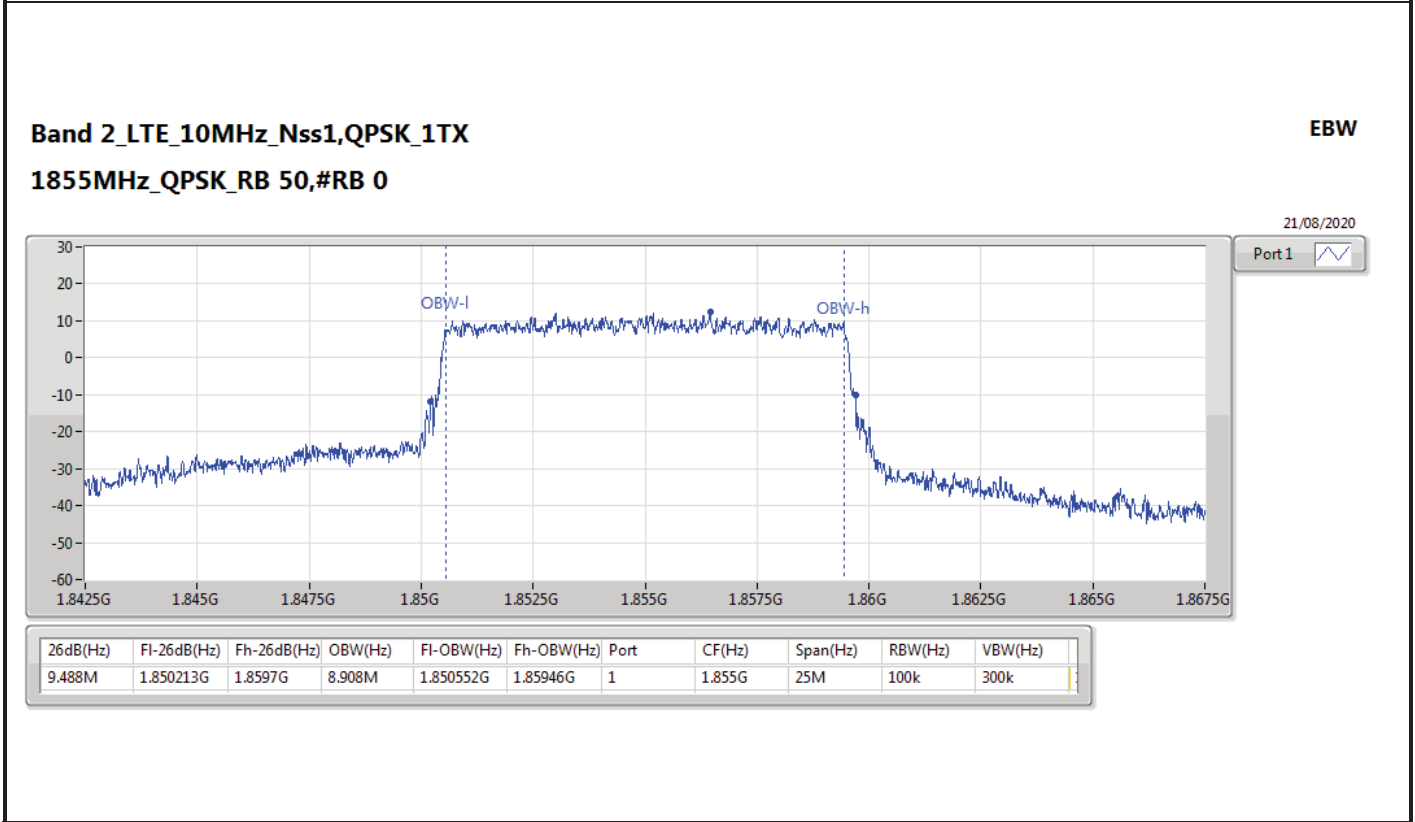
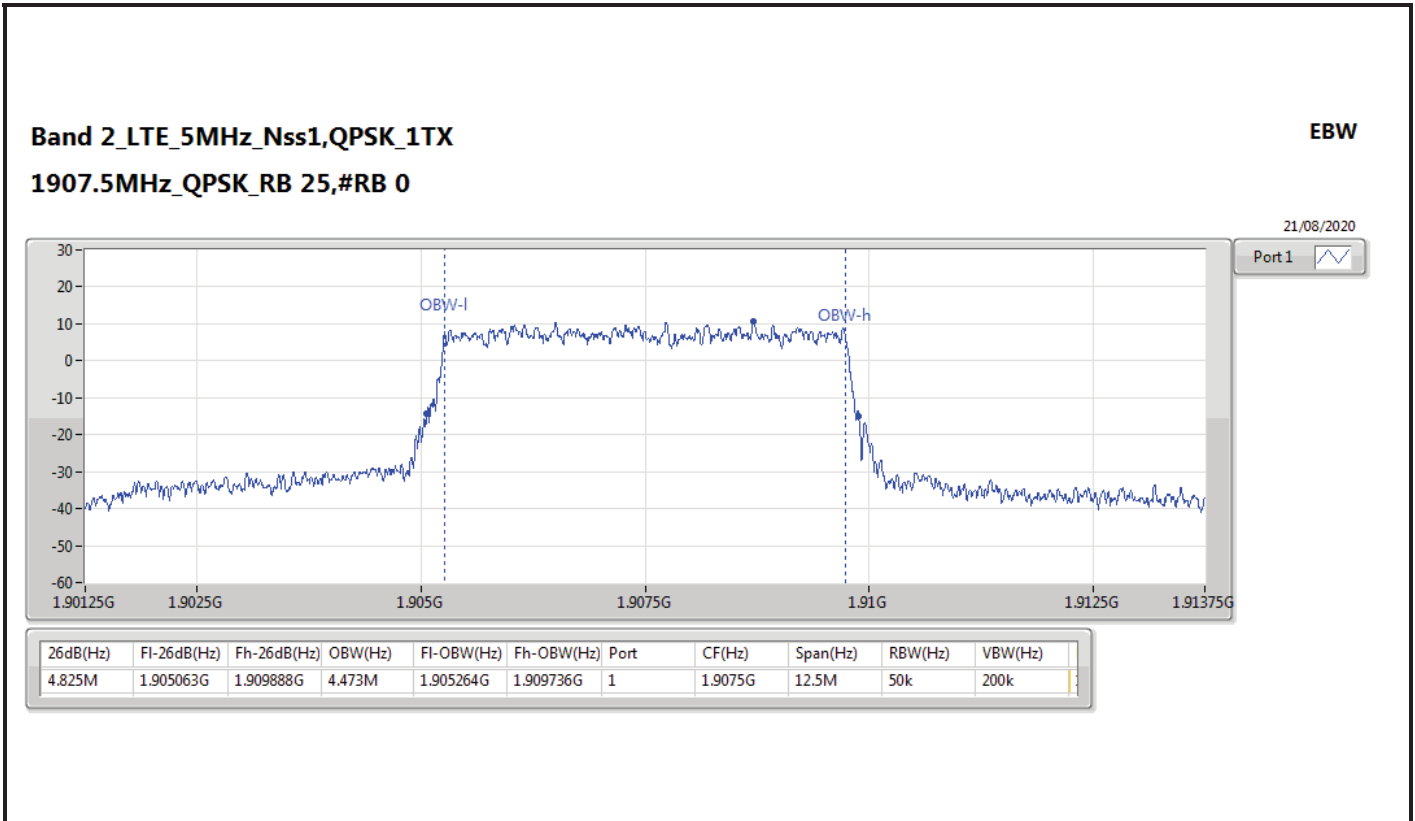
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

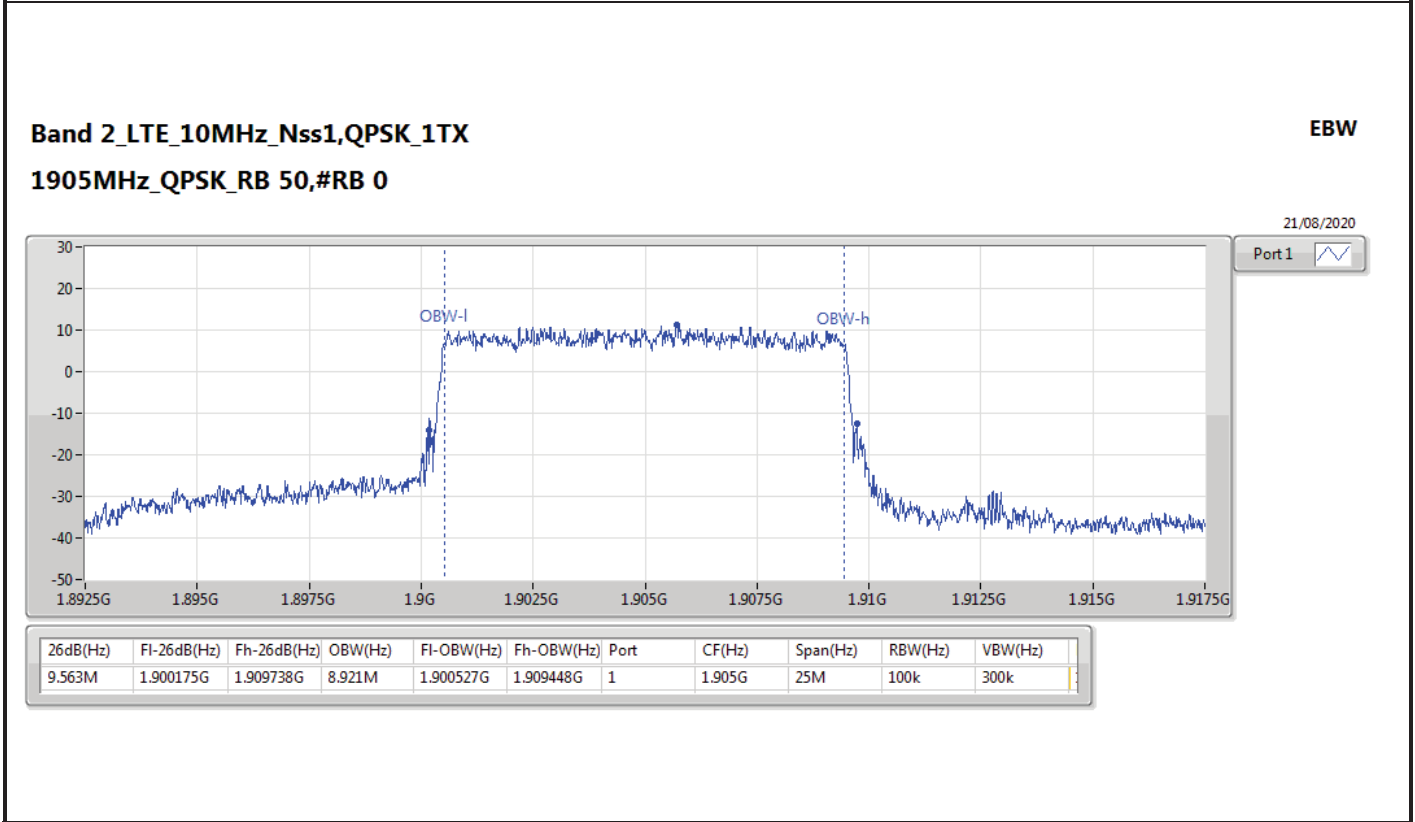
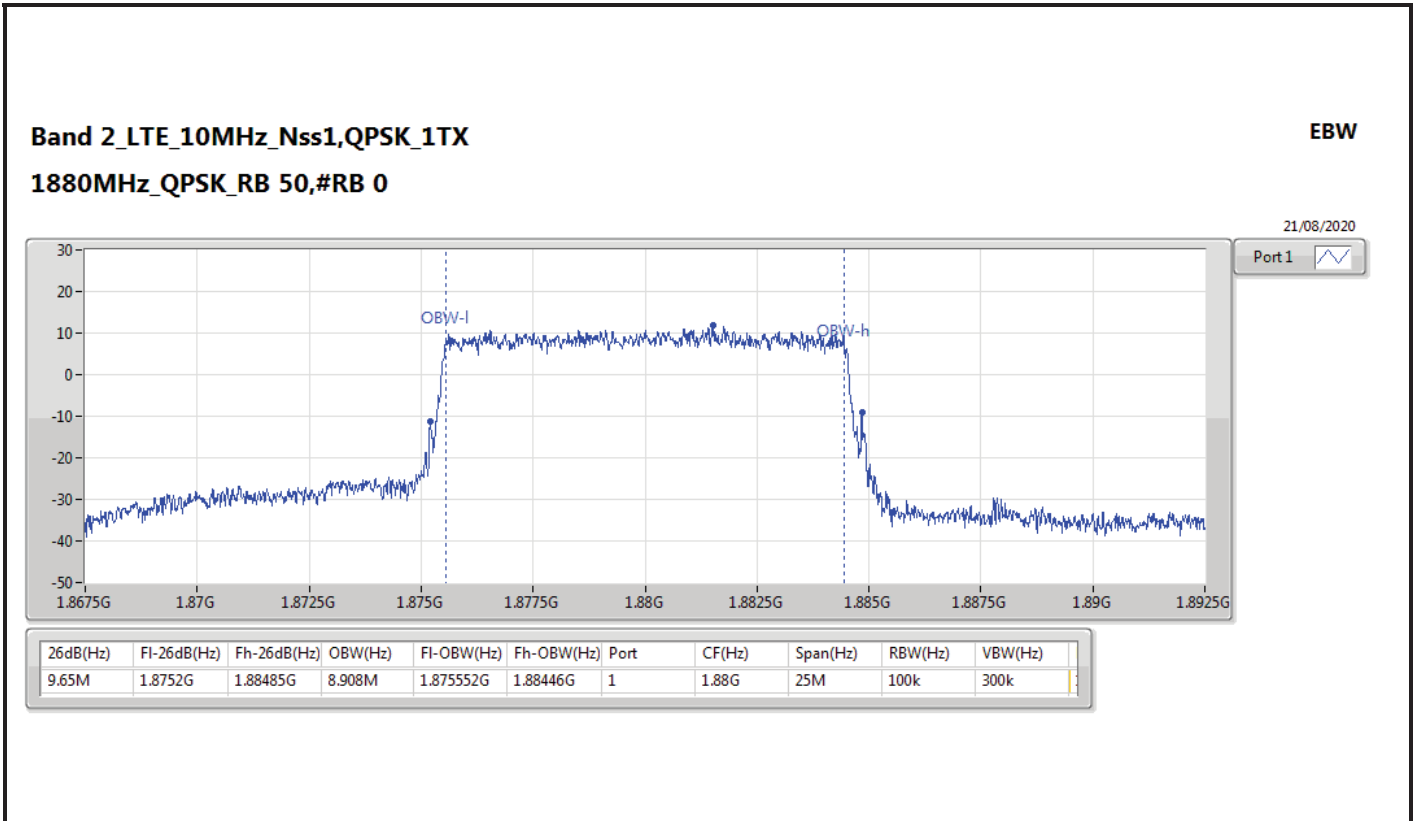











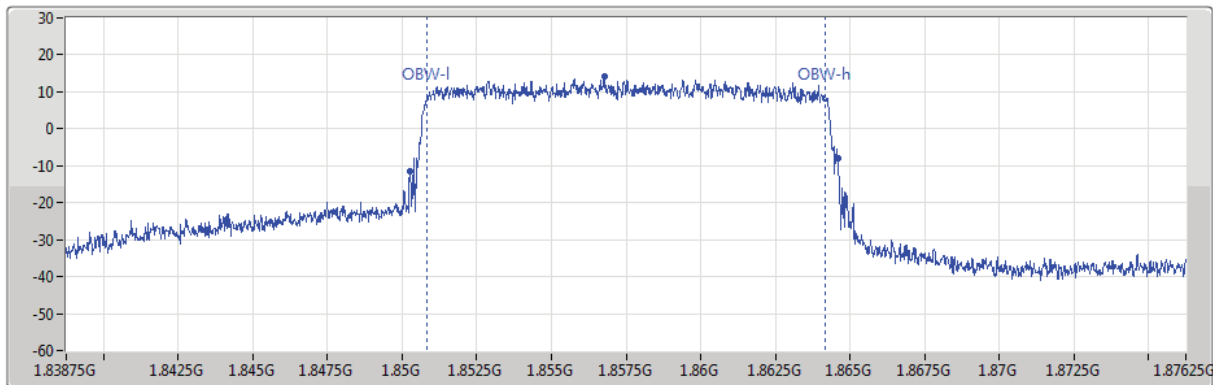


Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 75,#RB 0

EBW

21/08/2020

Port 1 




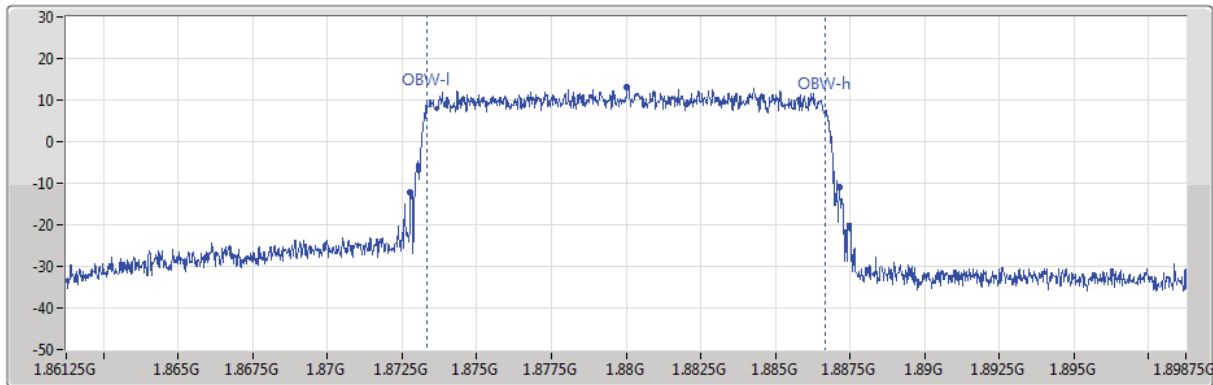
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 14.344M | 1.850263G | 1.864606G | 13.381M | 1.85081G | 1.86419G | 1 | 1.8575G | 37.5M | 200k | 1M |

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 75,#RB 0

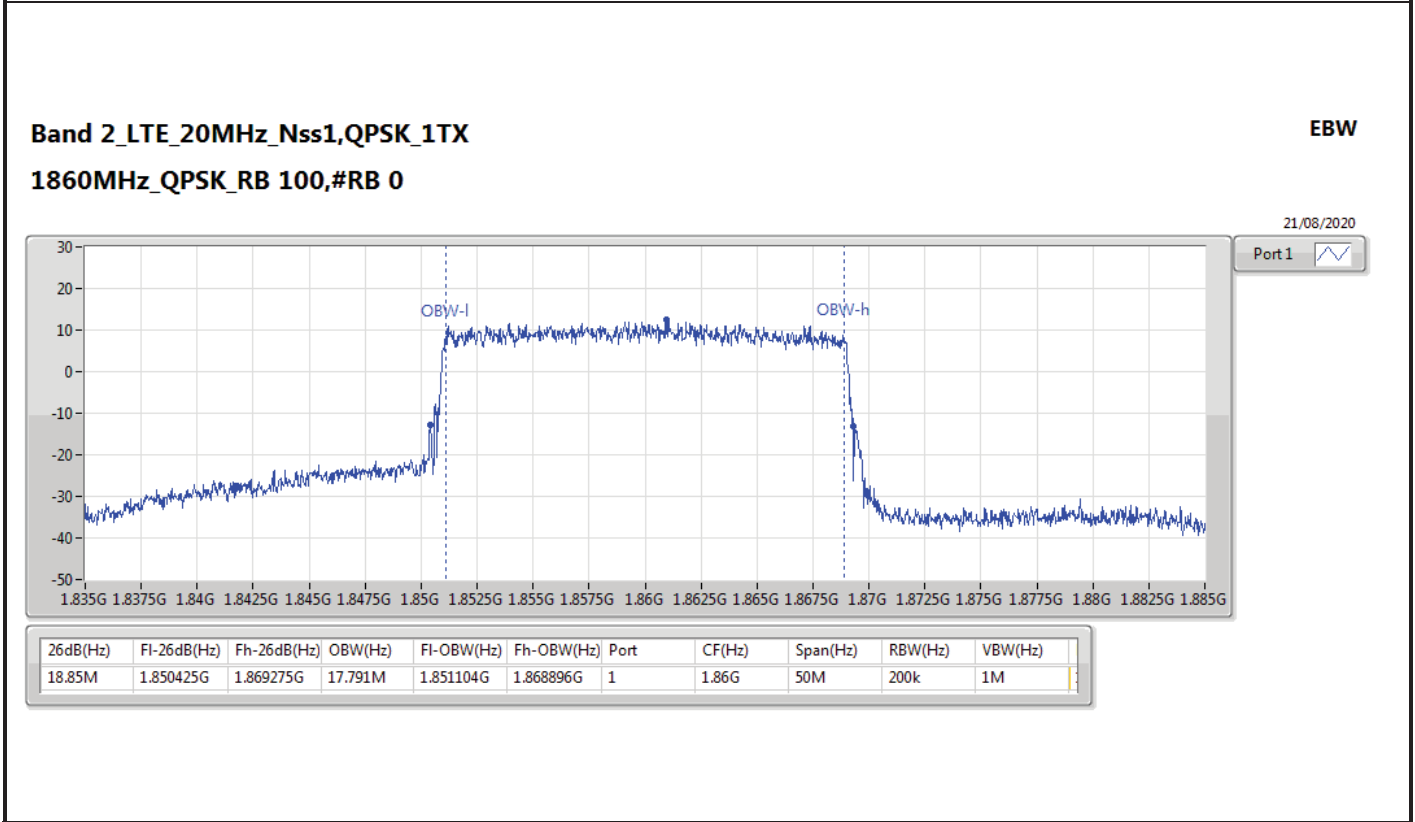
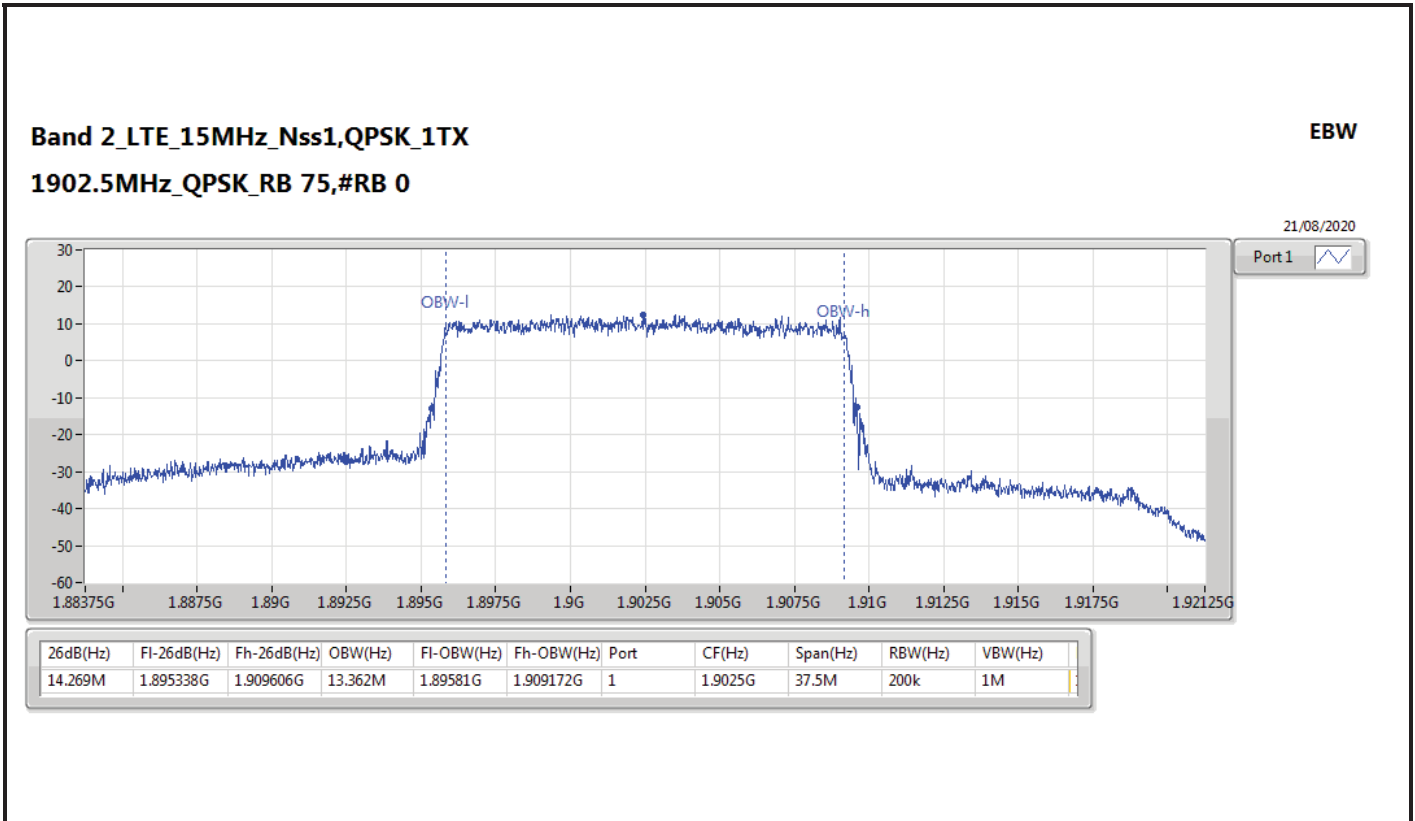
EBW

21/08/2020

Port 1 



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 14.381M | 1.872781G | 1.887163G | 13.381M | 1.87331G | 1.88669G | 1 | 1.88G | 37.5M | 200k | 1M |

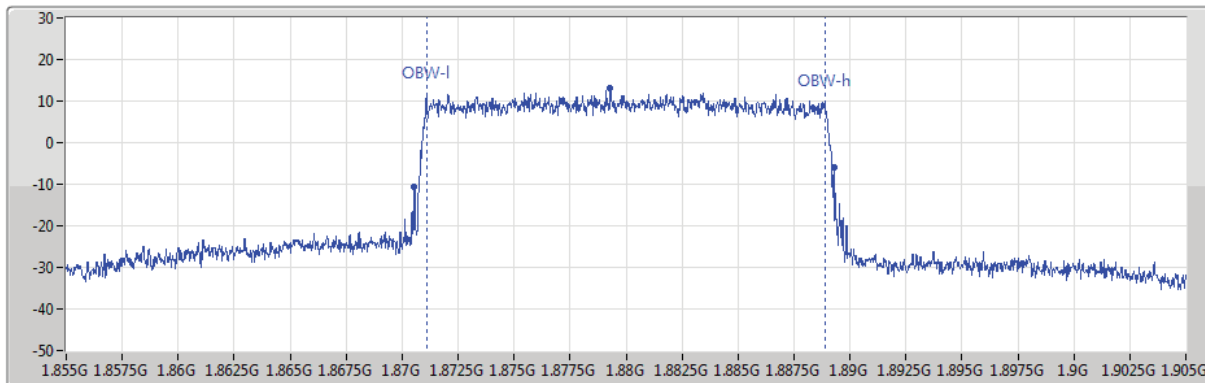


Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

EBW

21/08/2020

Port 1



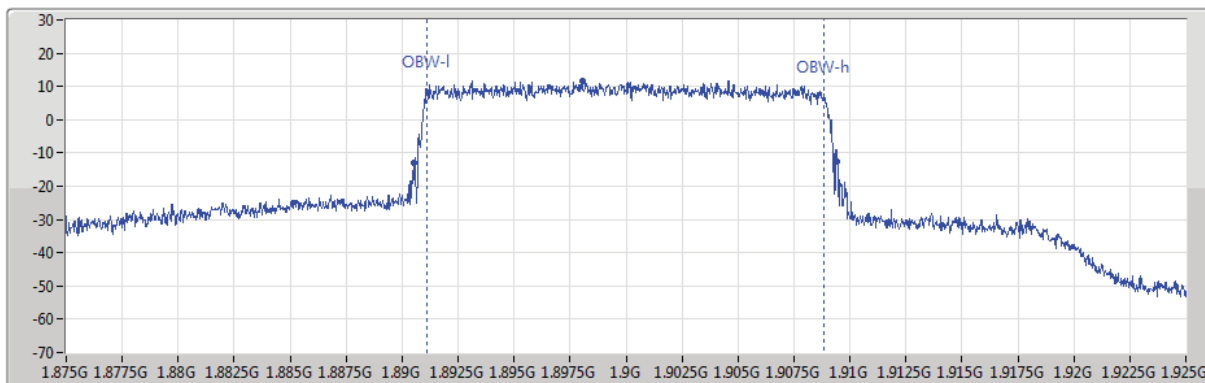
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 18.8M | 1.870525G | 1.889325G | 17.816M | 1.871079G | 1.888896G | 1 | 1.88G | 50M | 200k | 1M |

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

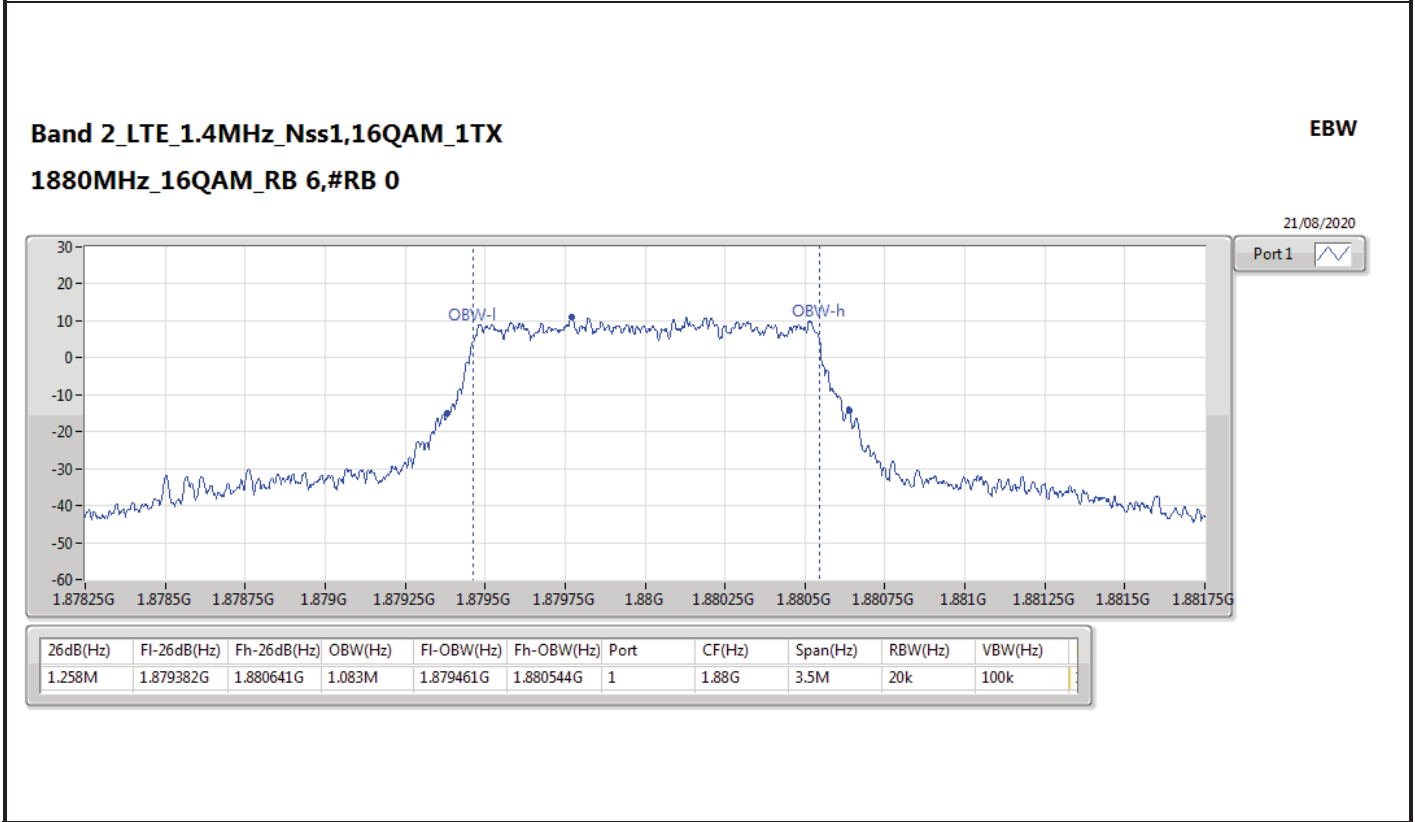
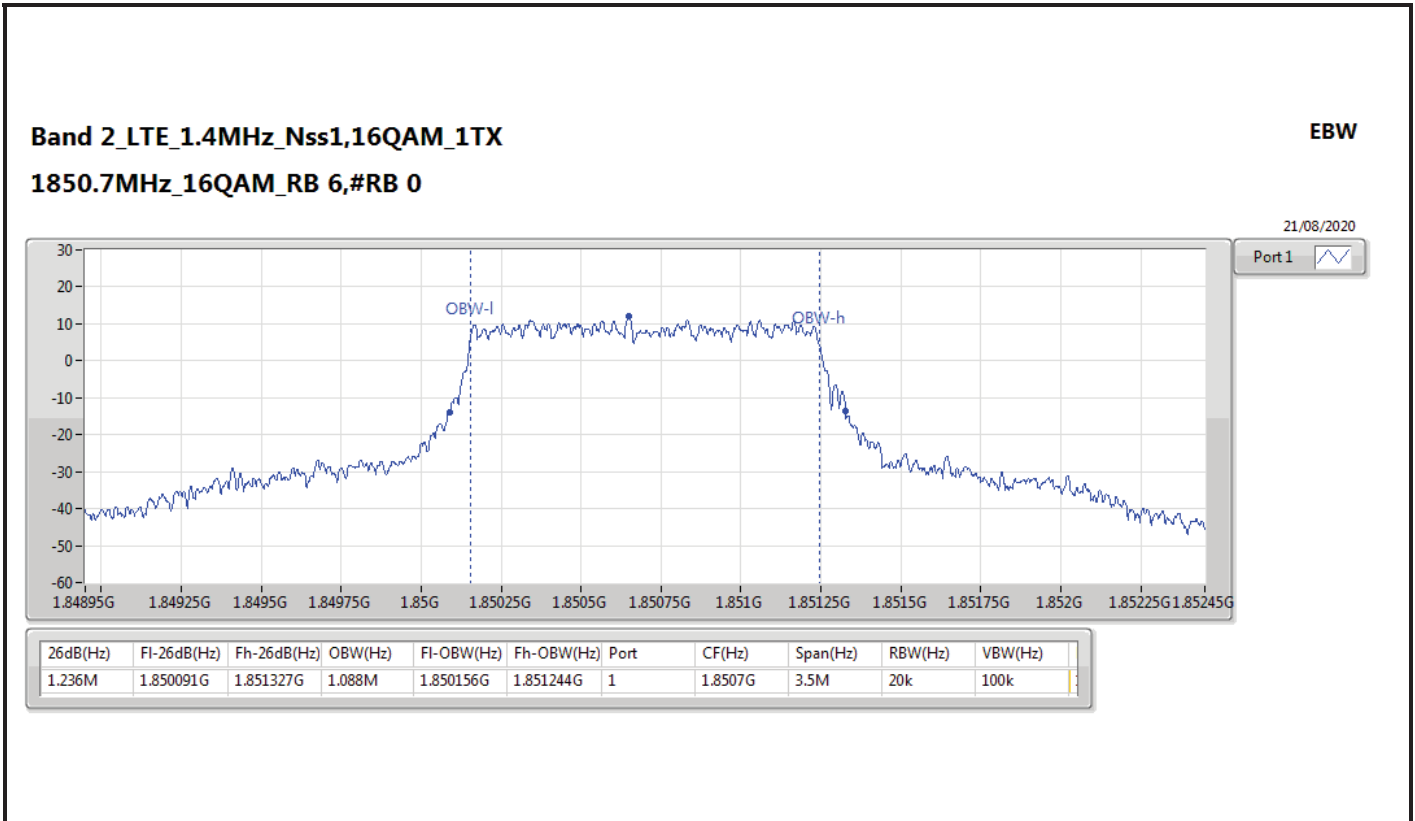
EBW

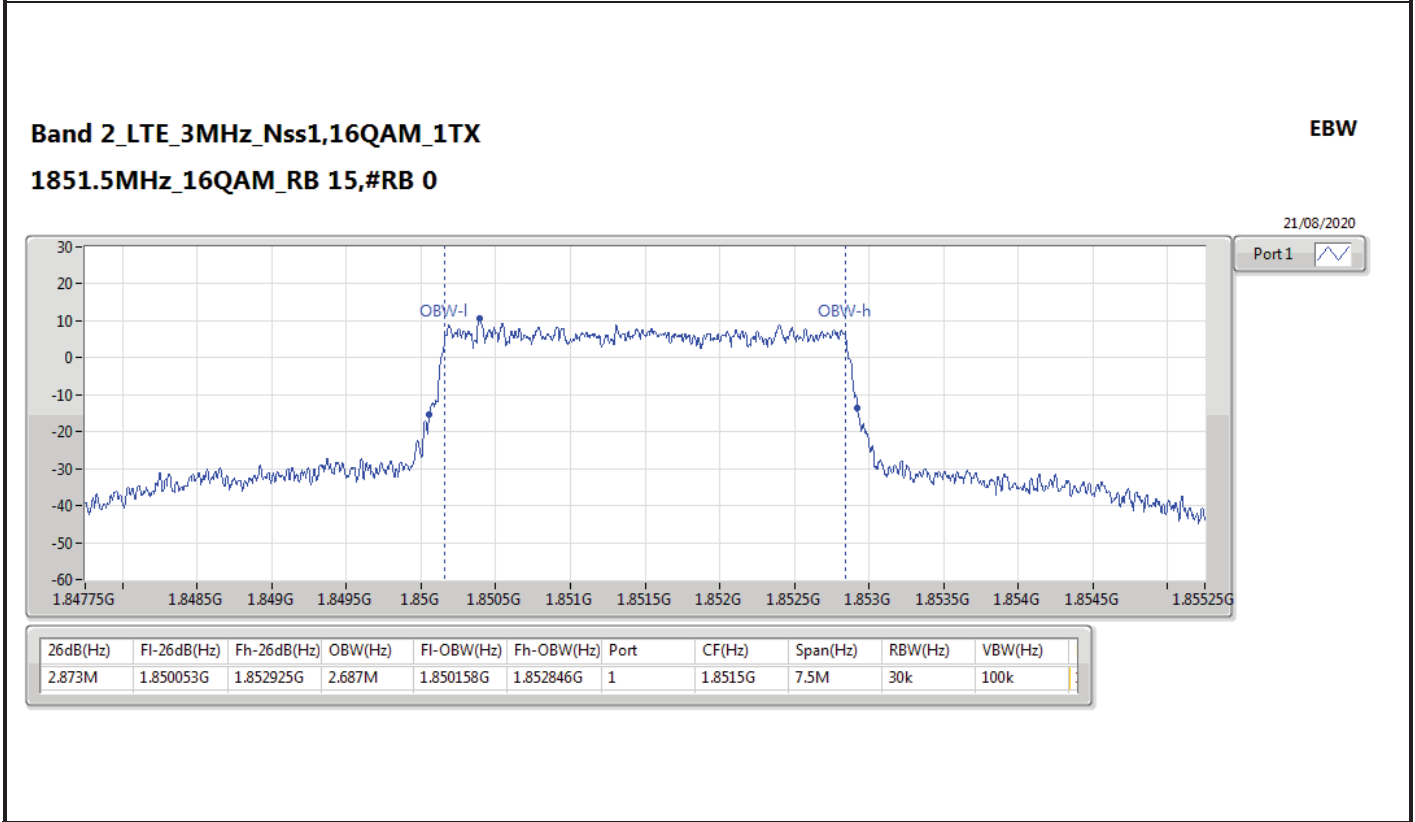
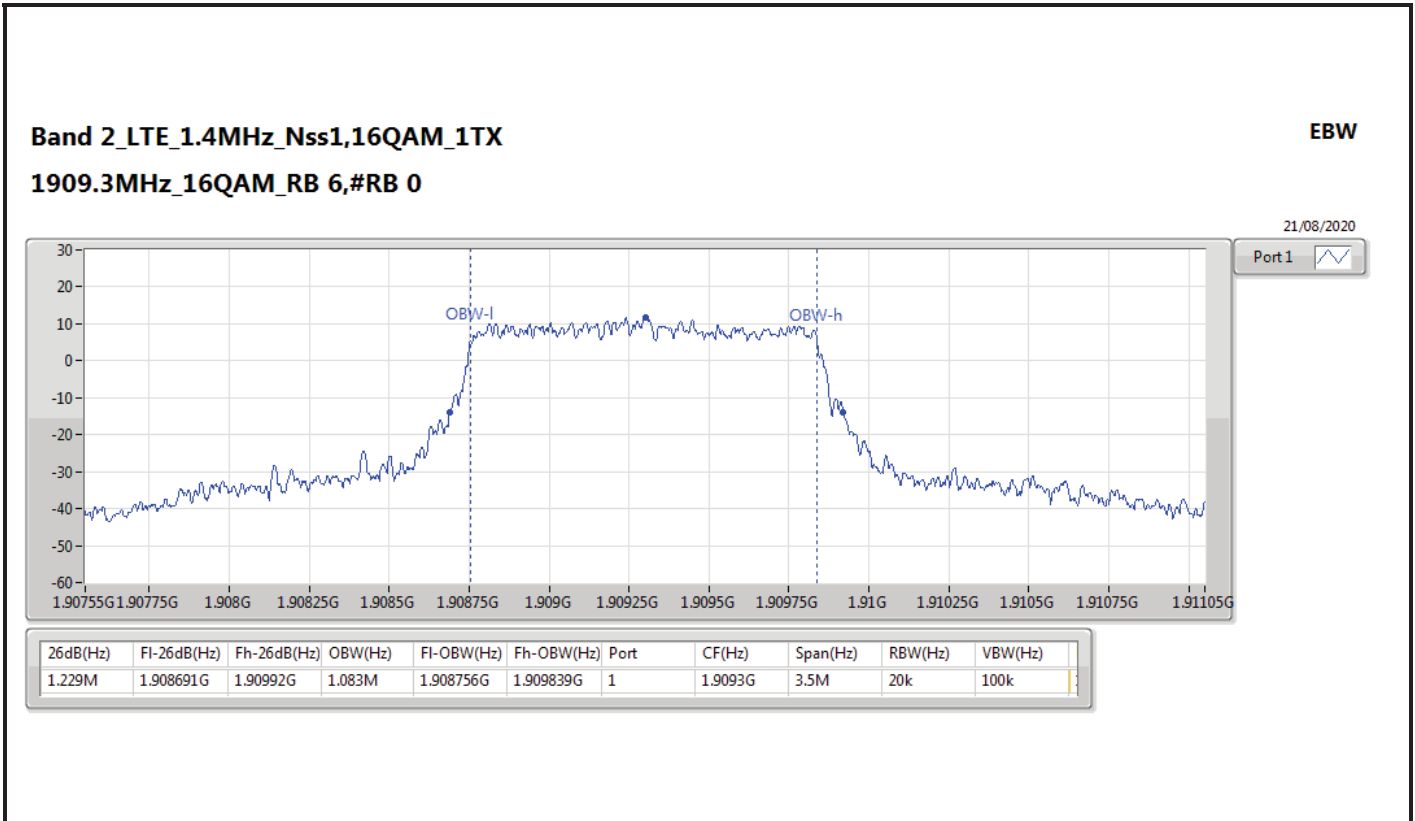
21/08/2020

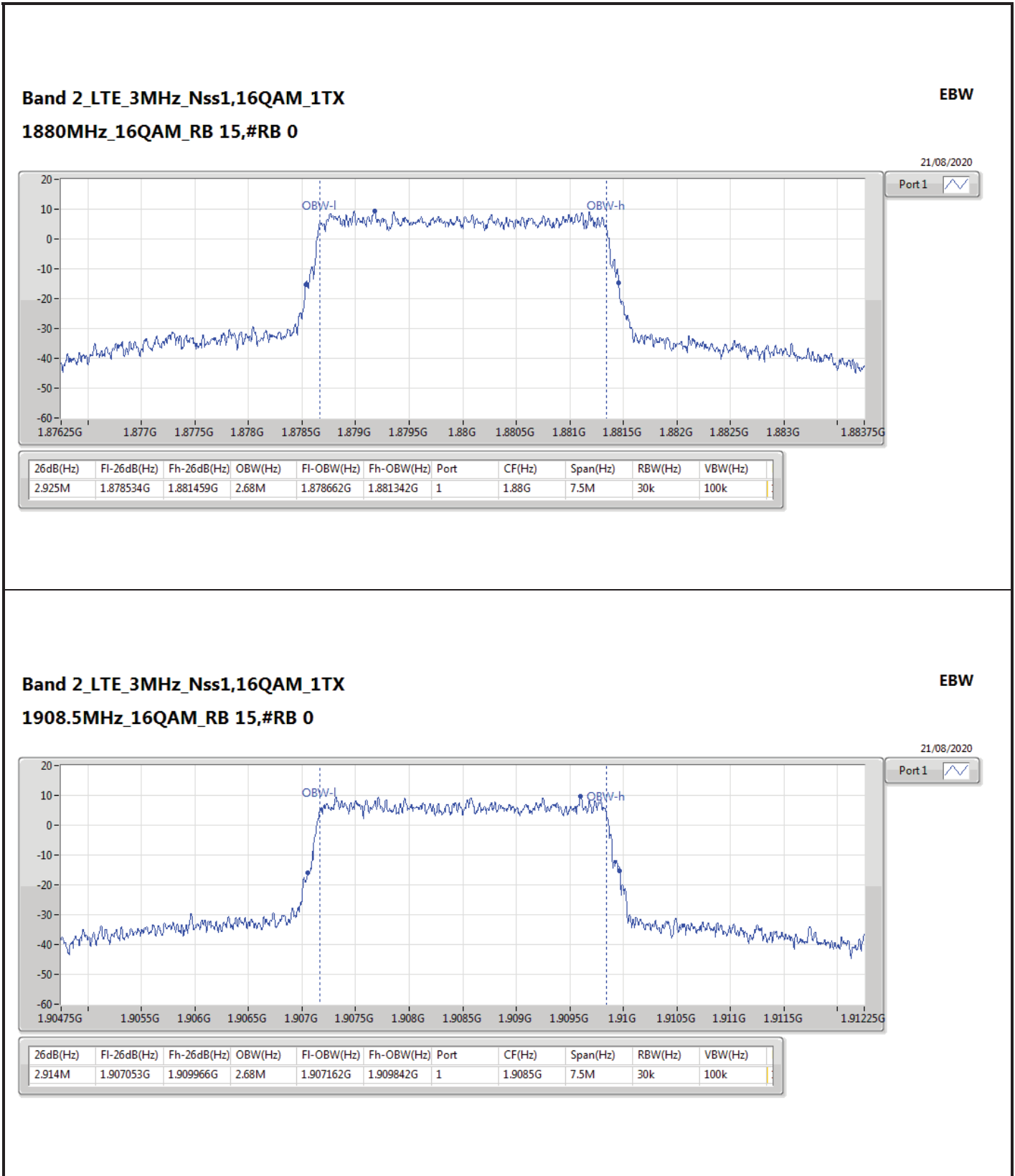
Port 1



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 18.875M | 1.89055G | 1.909425G | 17.766M | 1.891079G | 1.908846G | 1 | 1.9G | 50M | 200k | 1M |







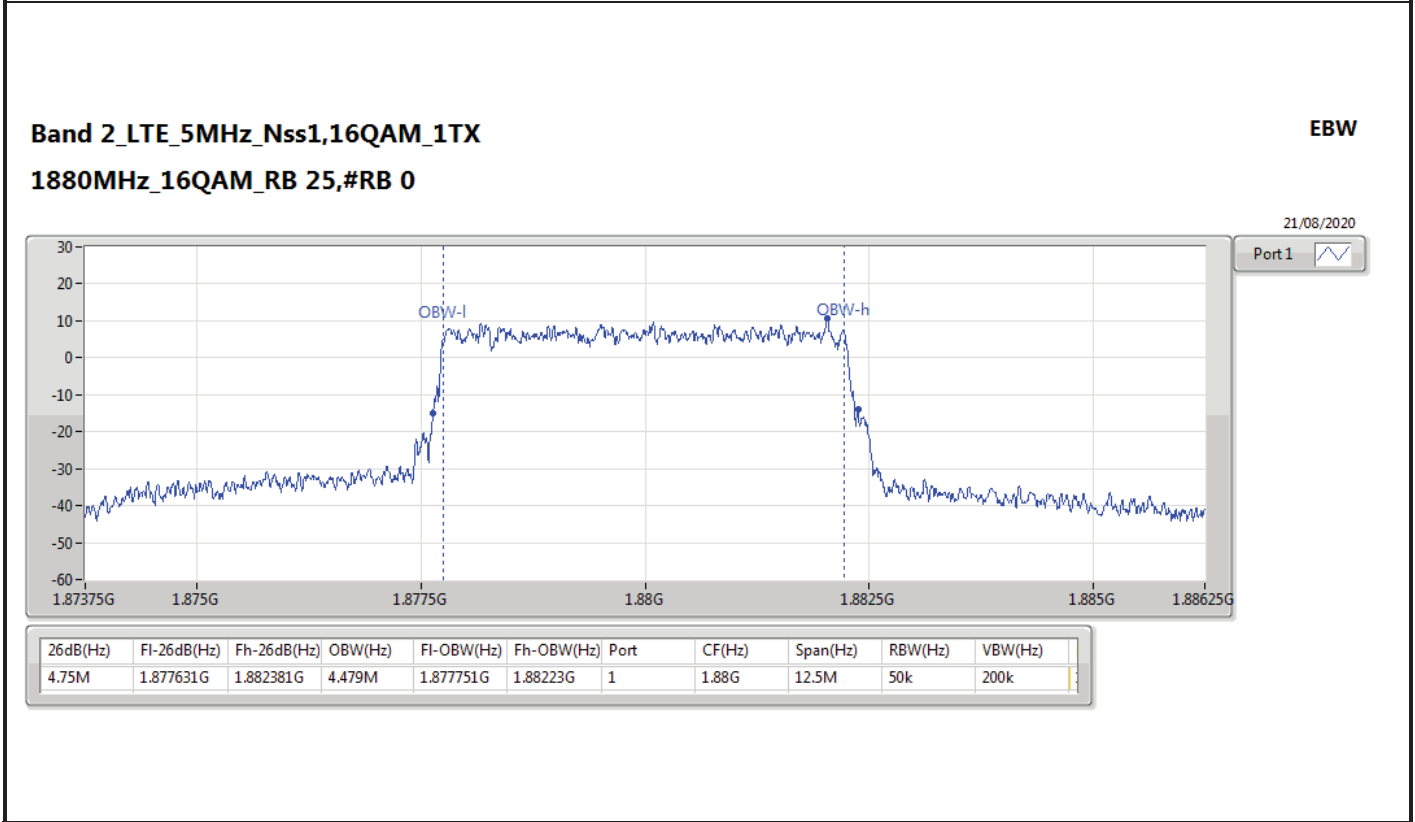
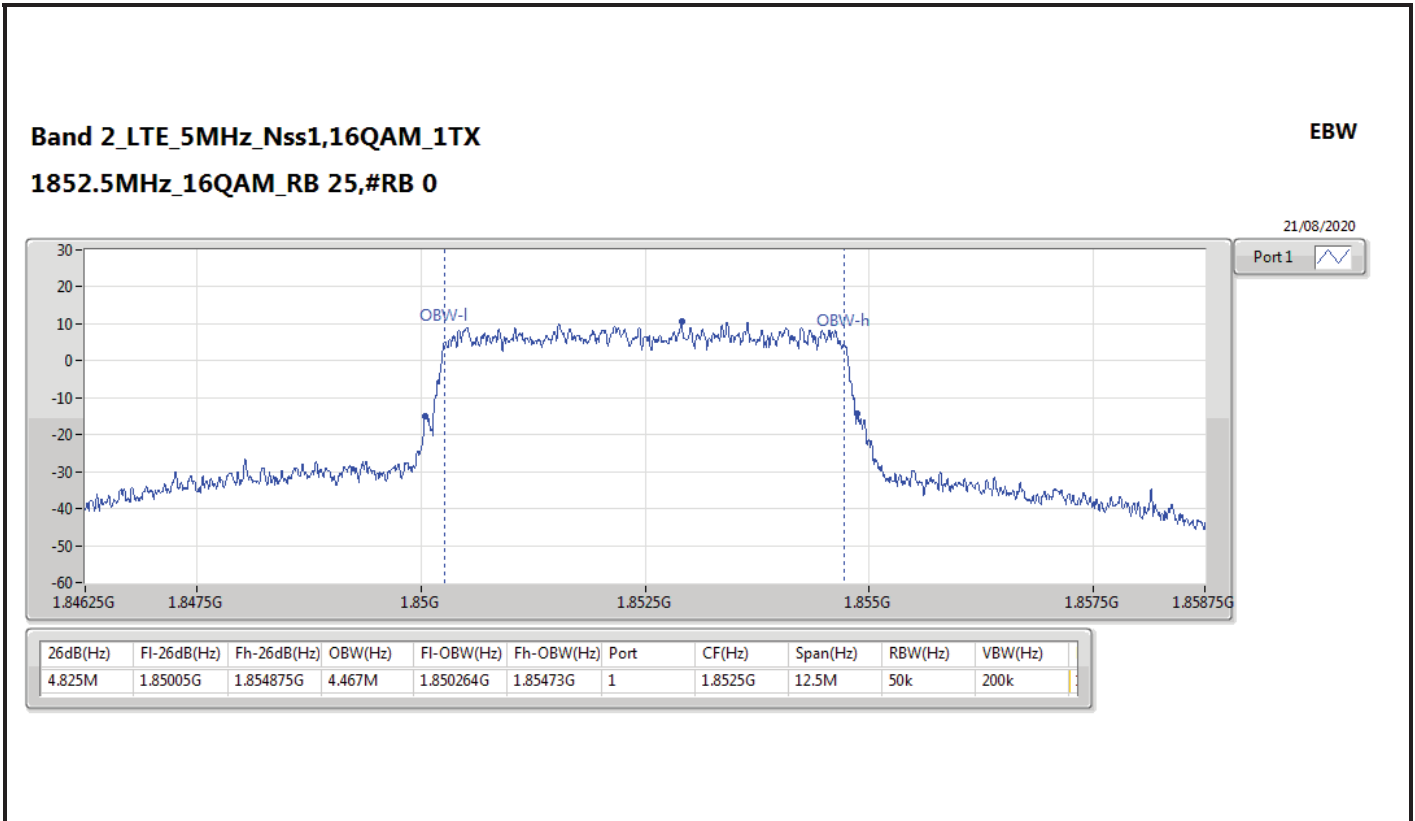
Band 2_LTE_3MHz_Nss1,16QAM_1TX

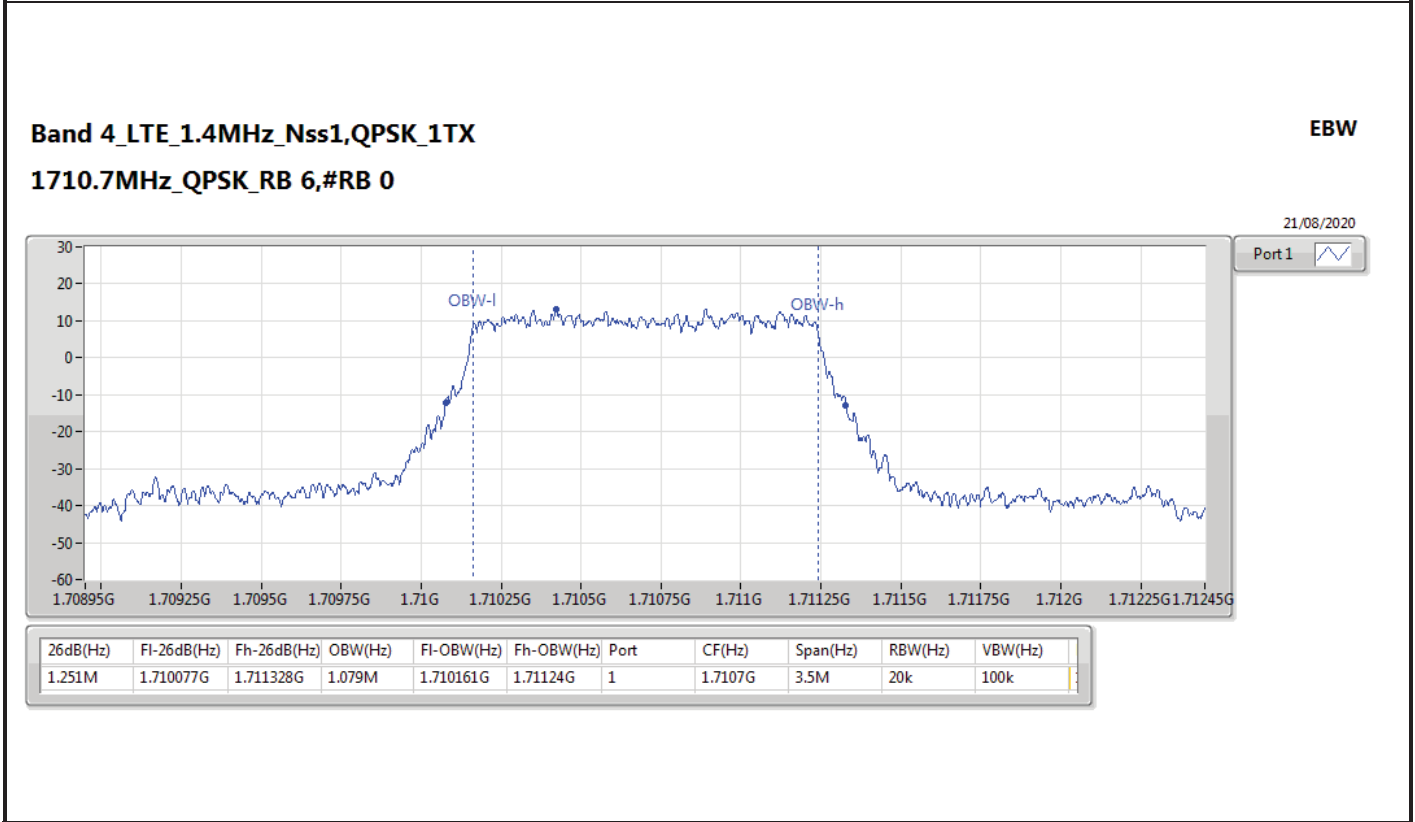
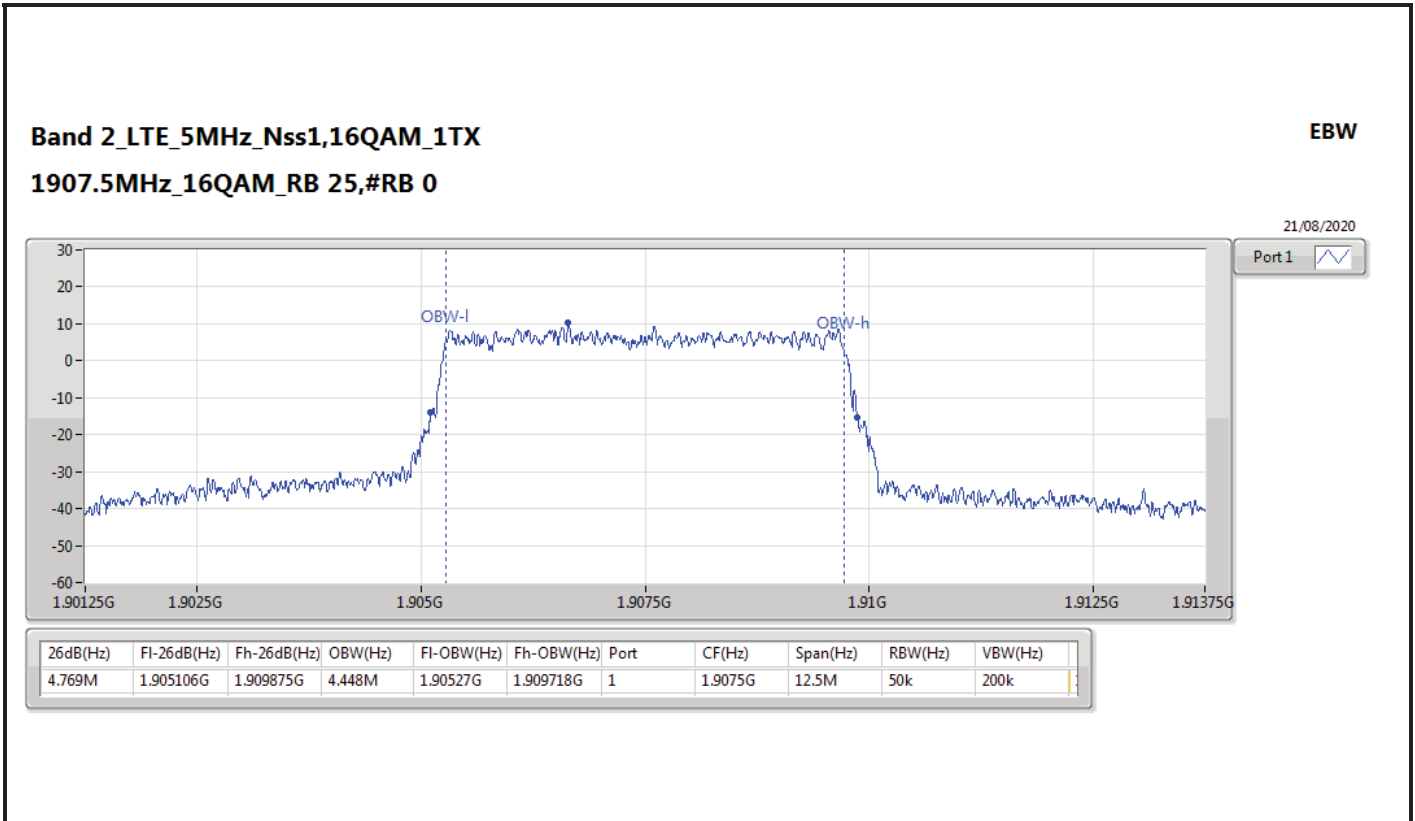
1908.5MHz_16QAM_RB 15,#RB 0

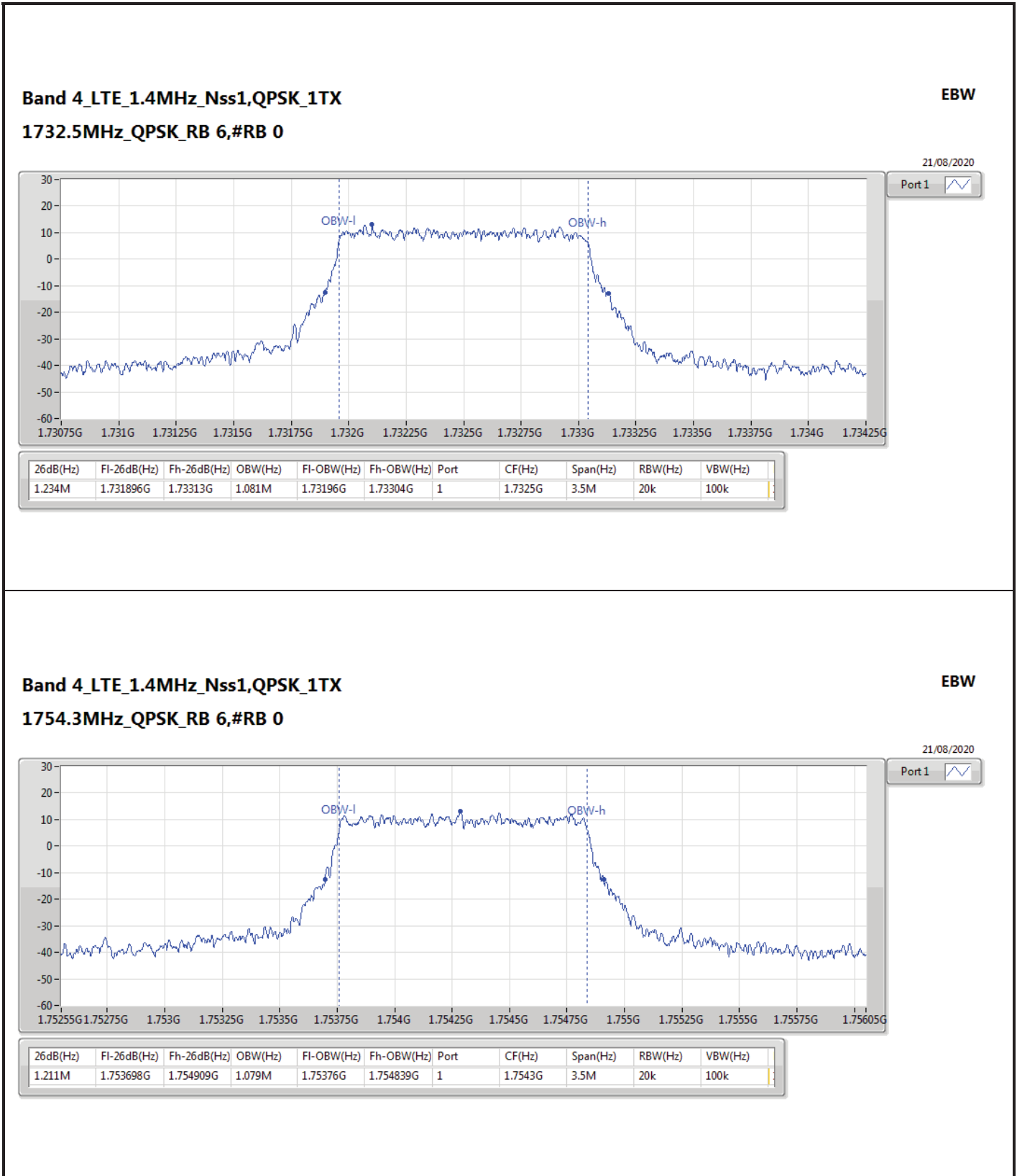
EBW

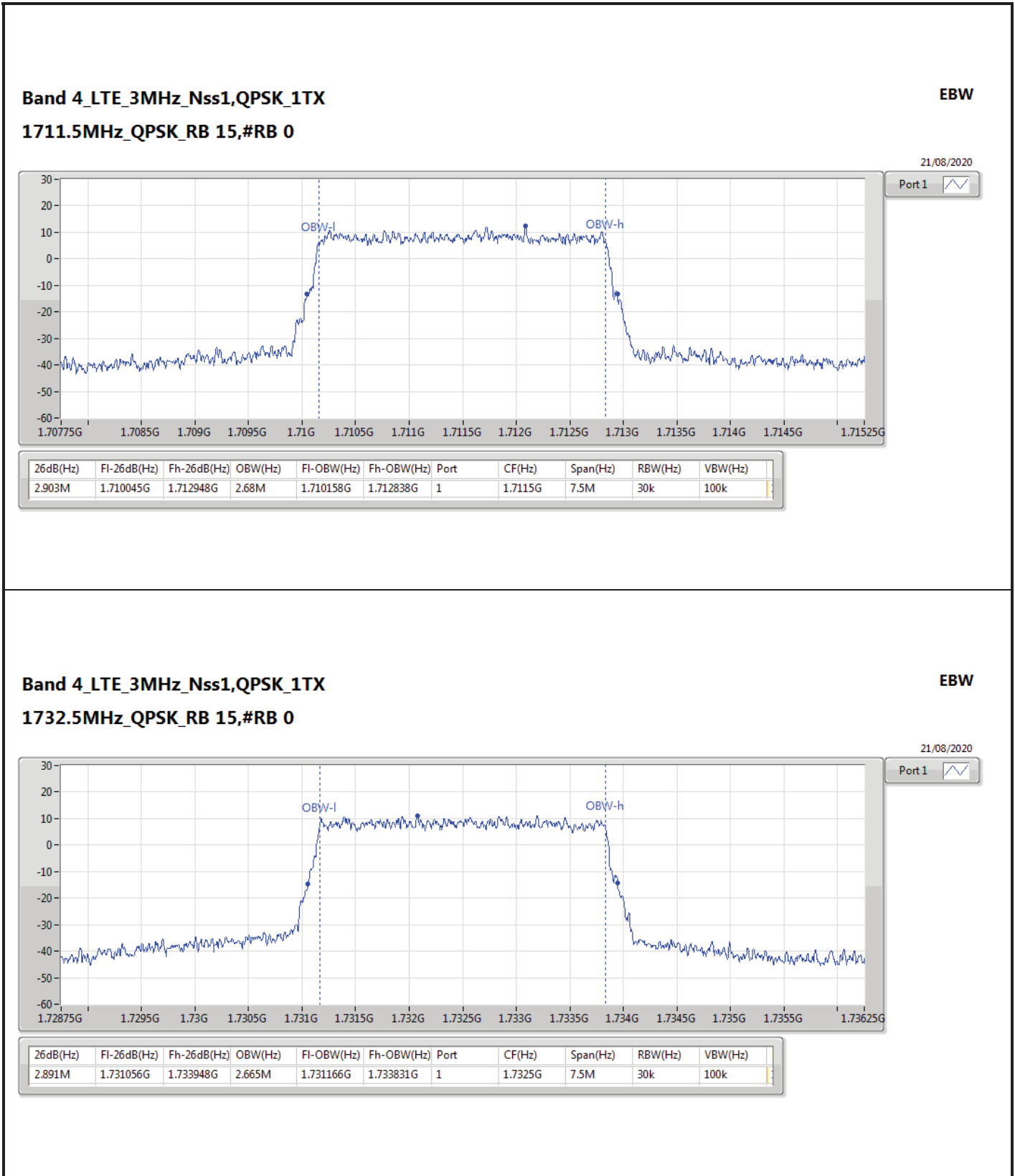
21/08/2020

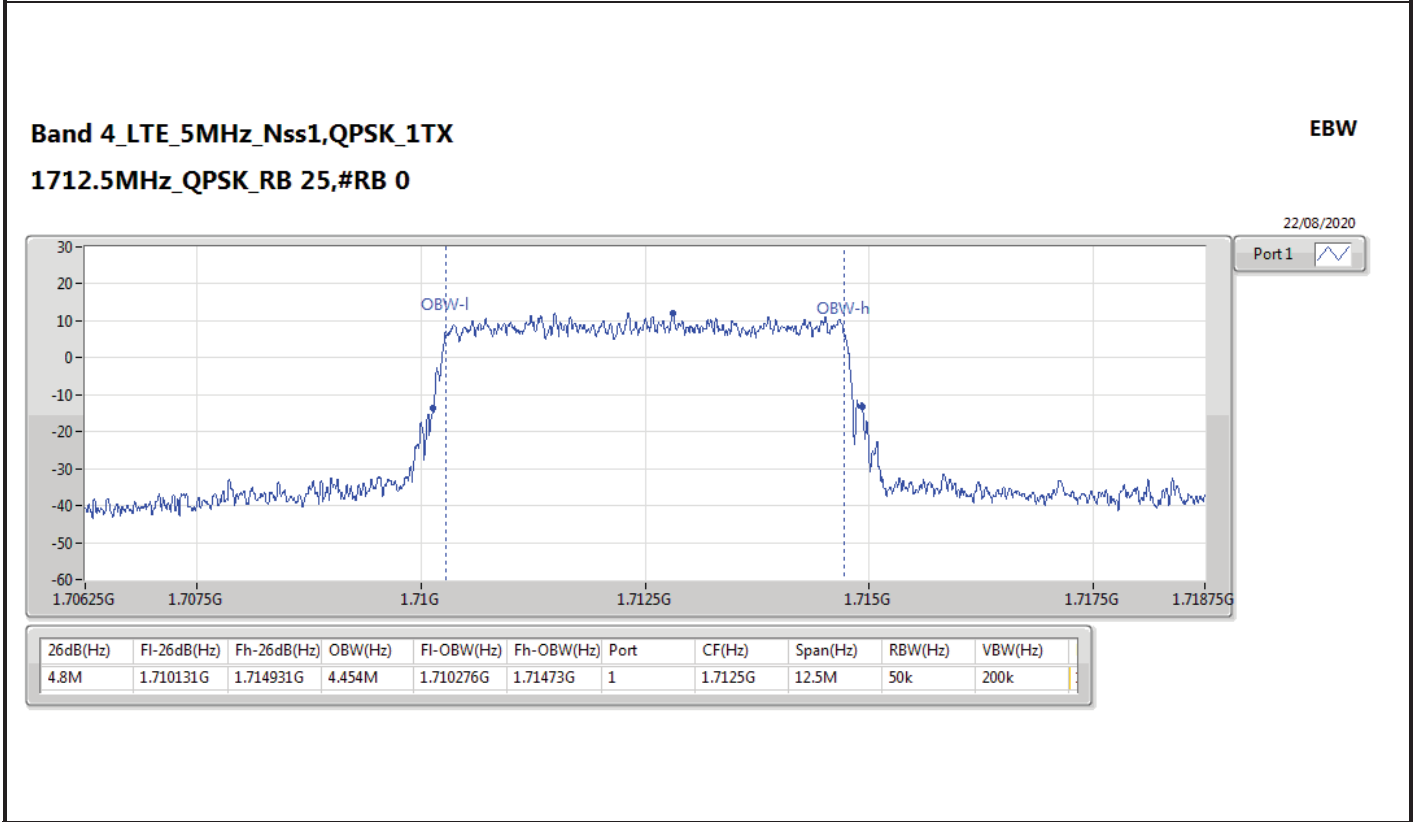
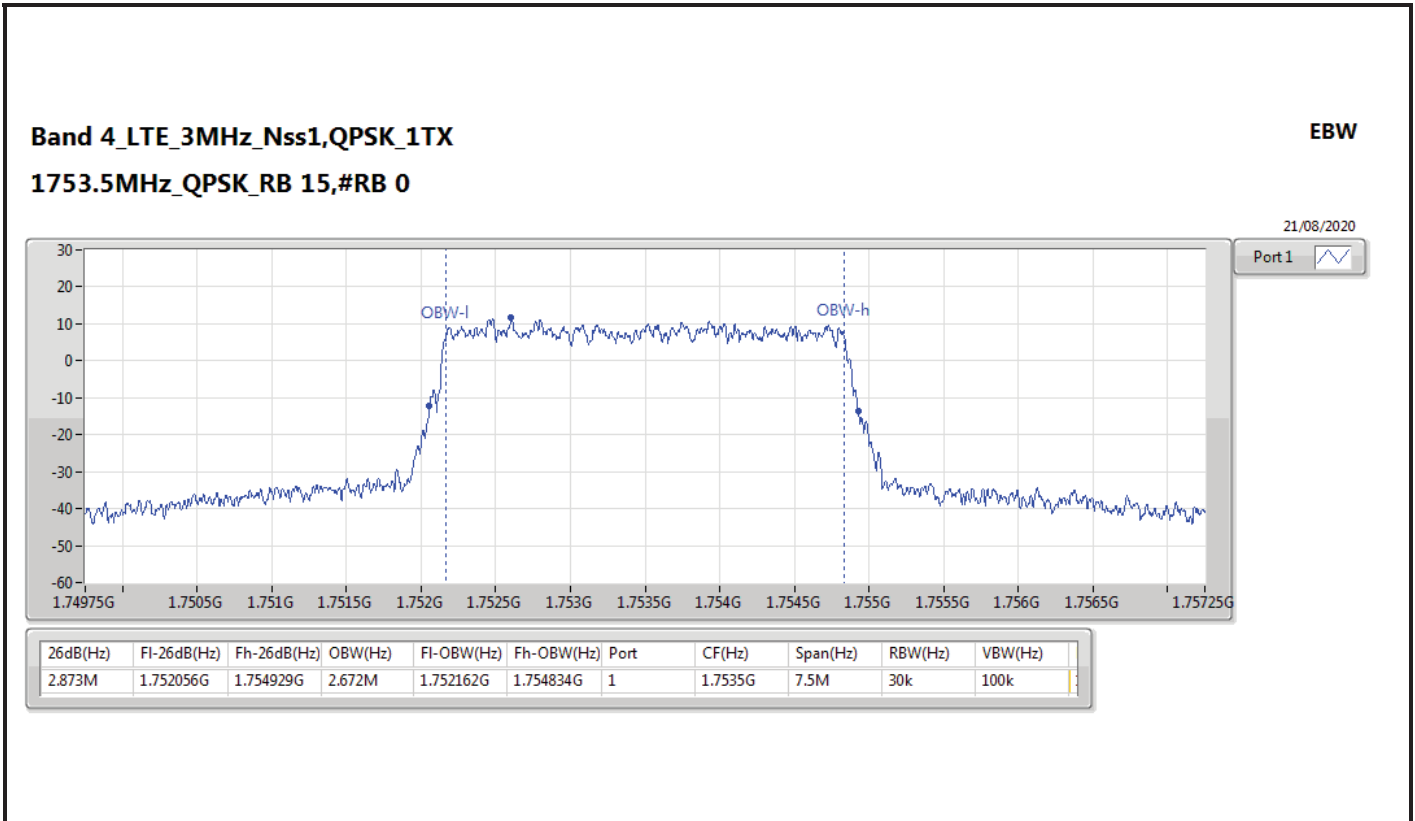
Port 1 

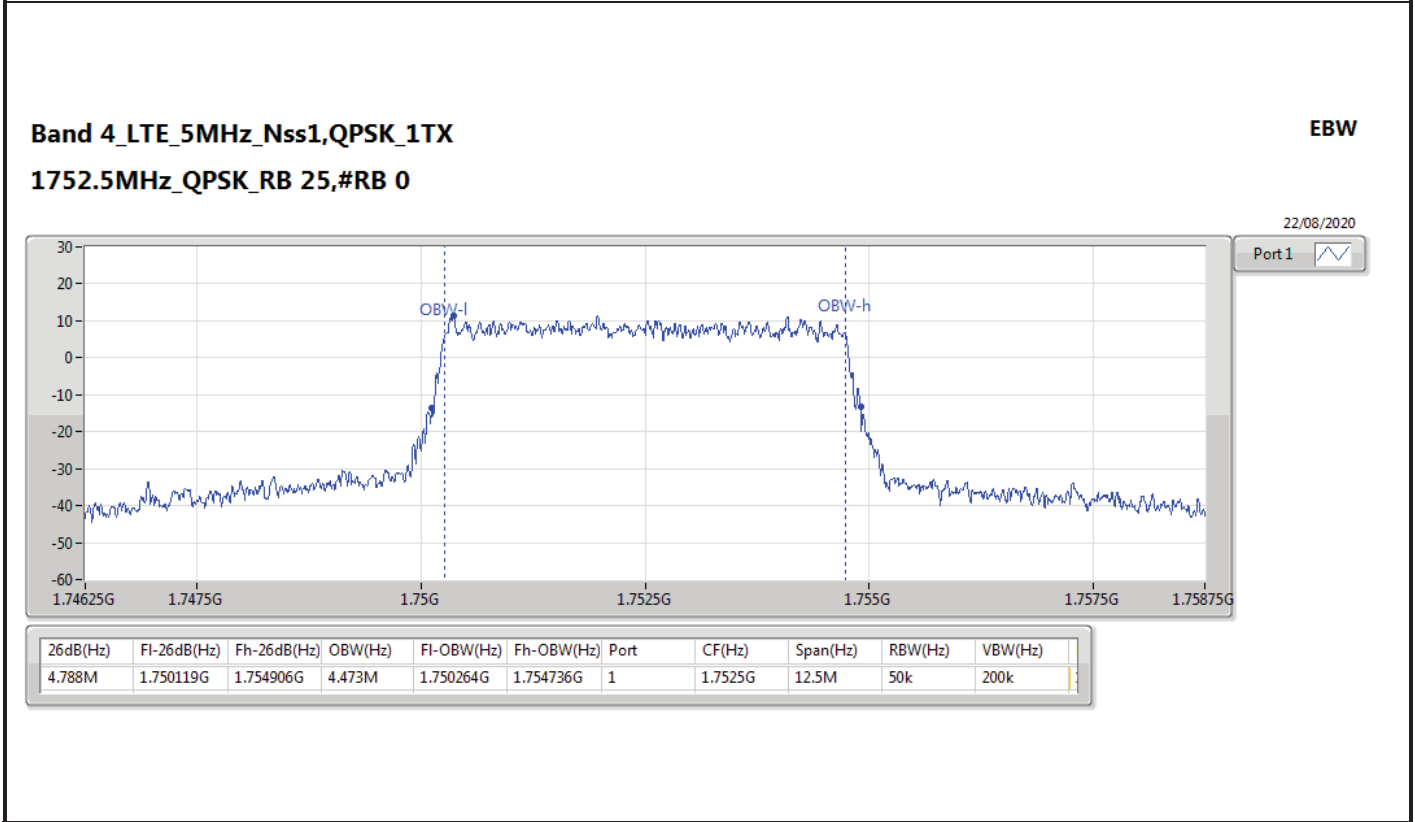
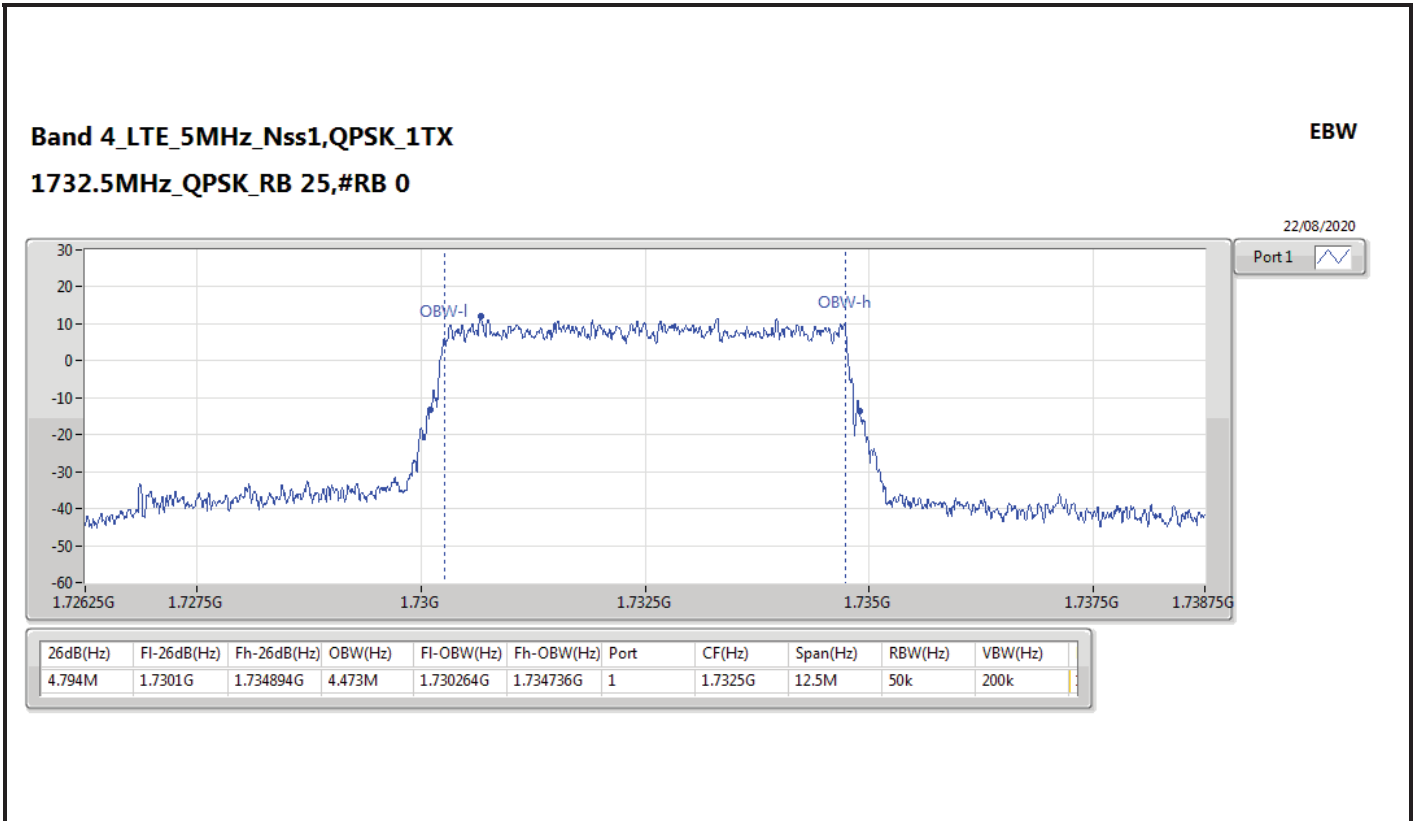


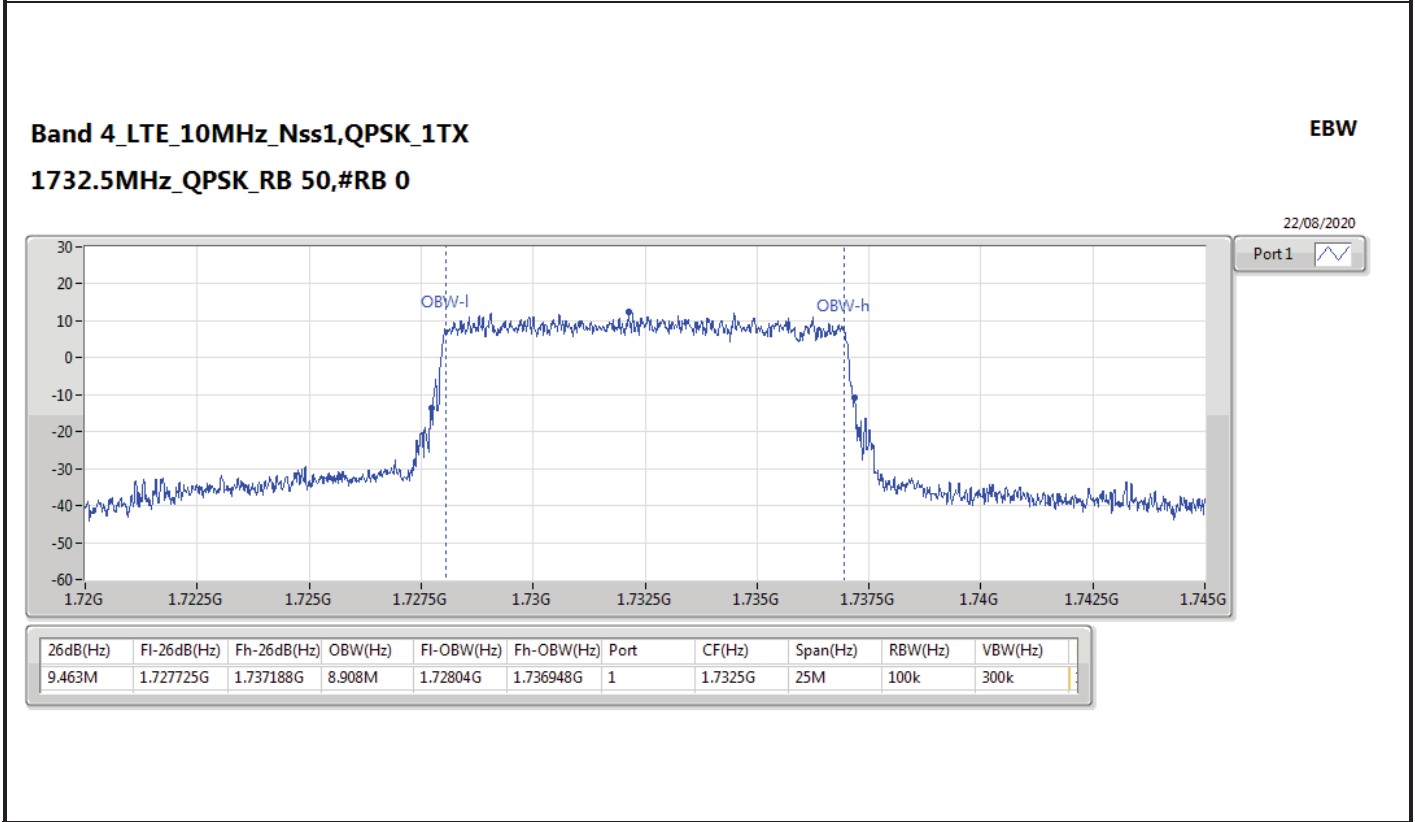
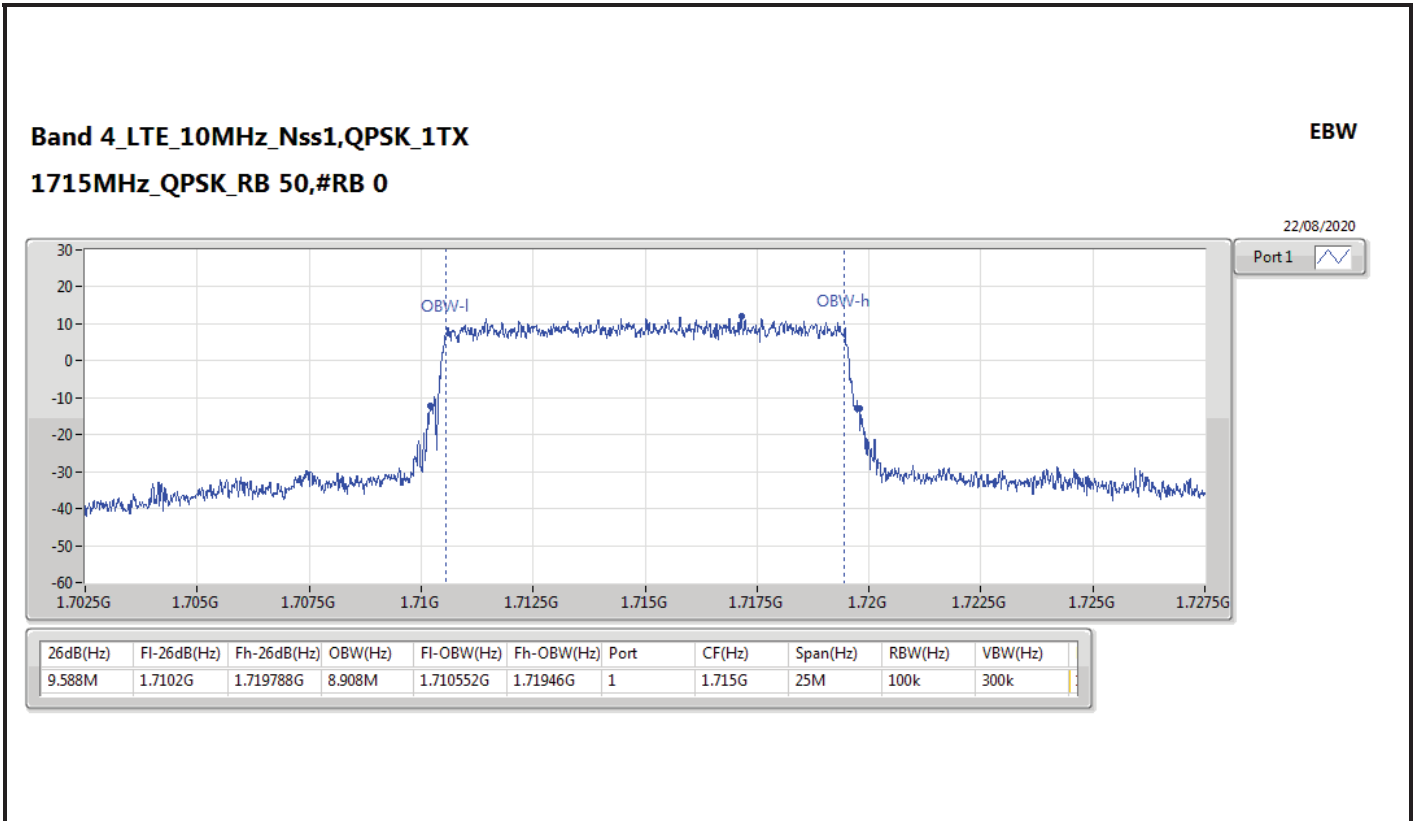


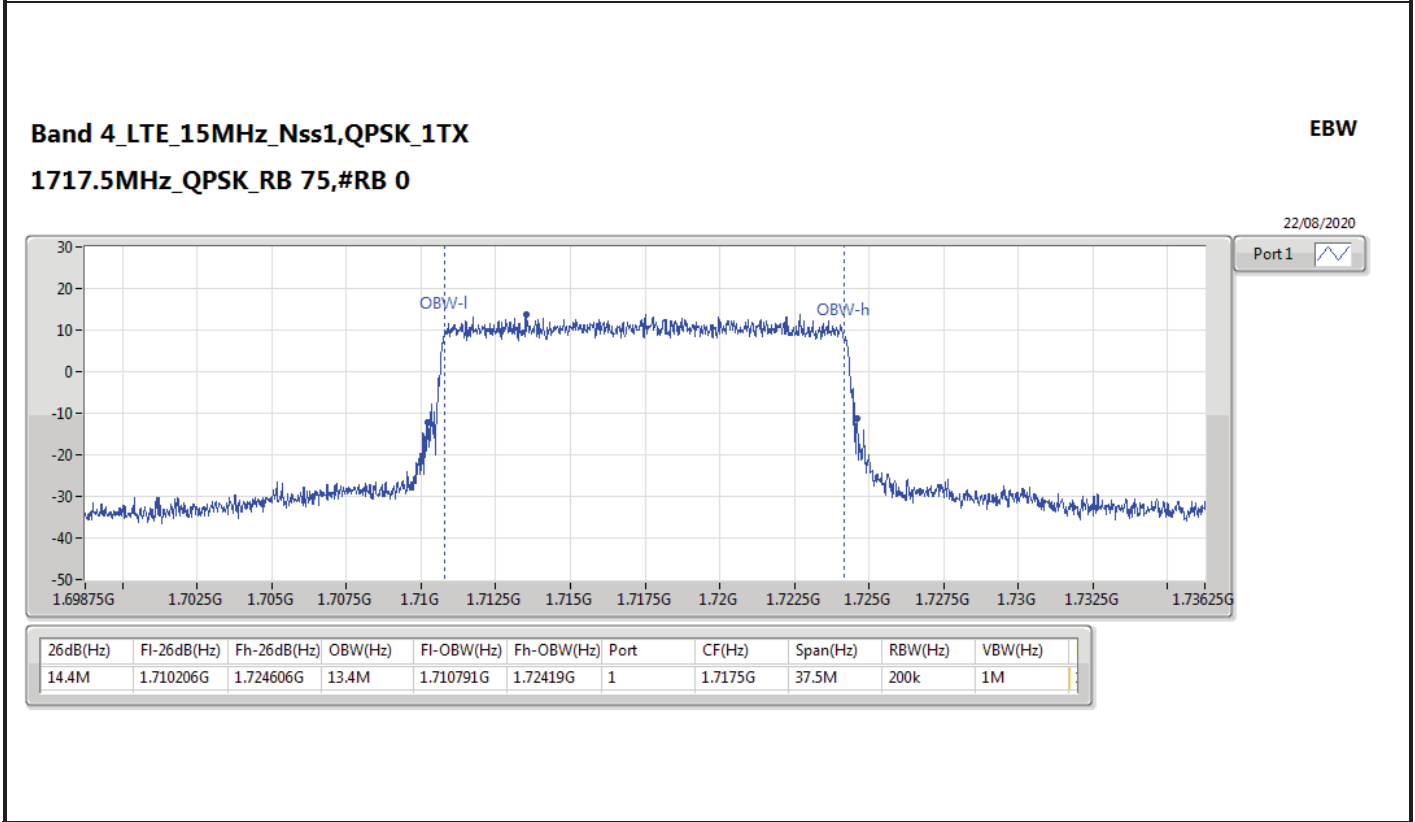
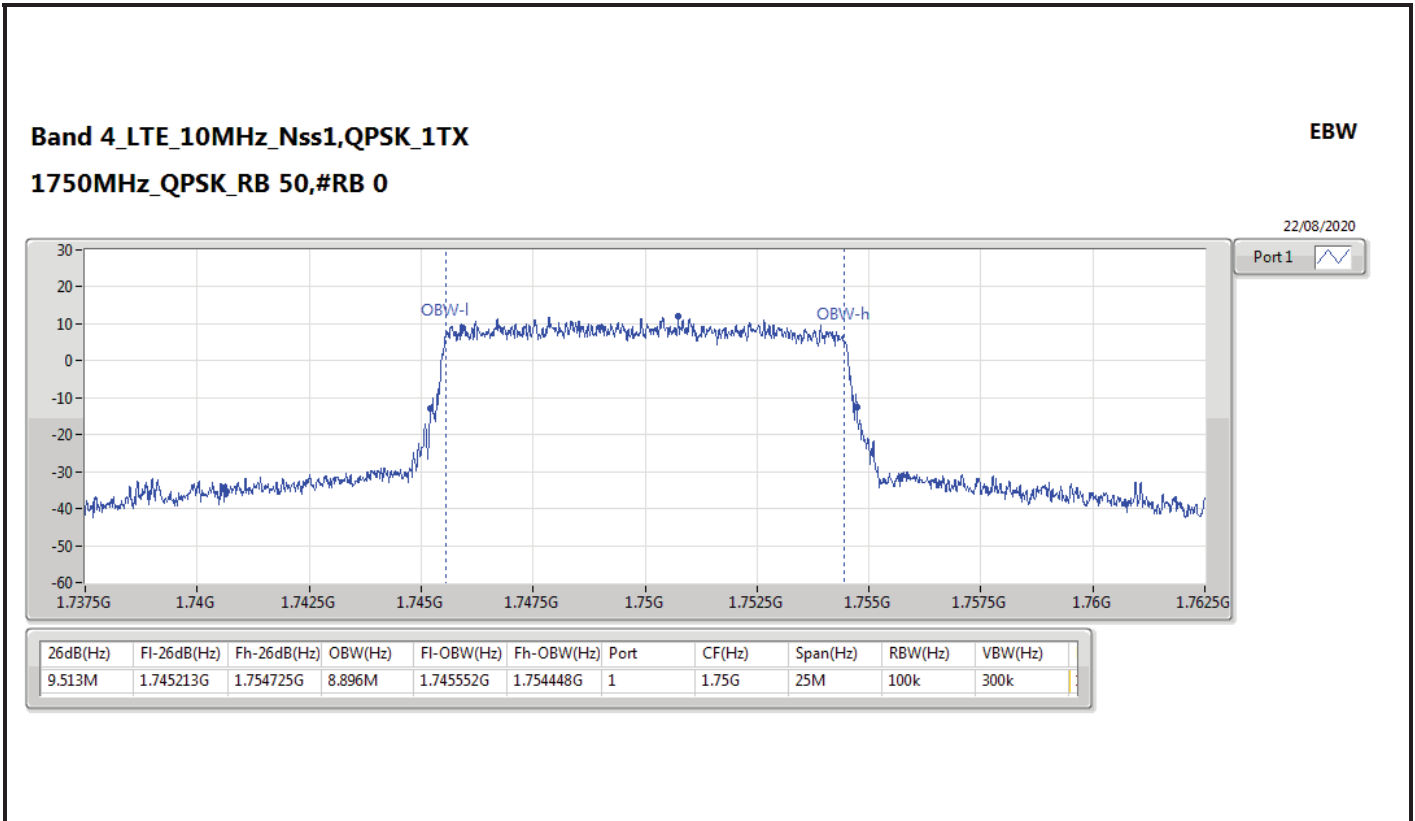


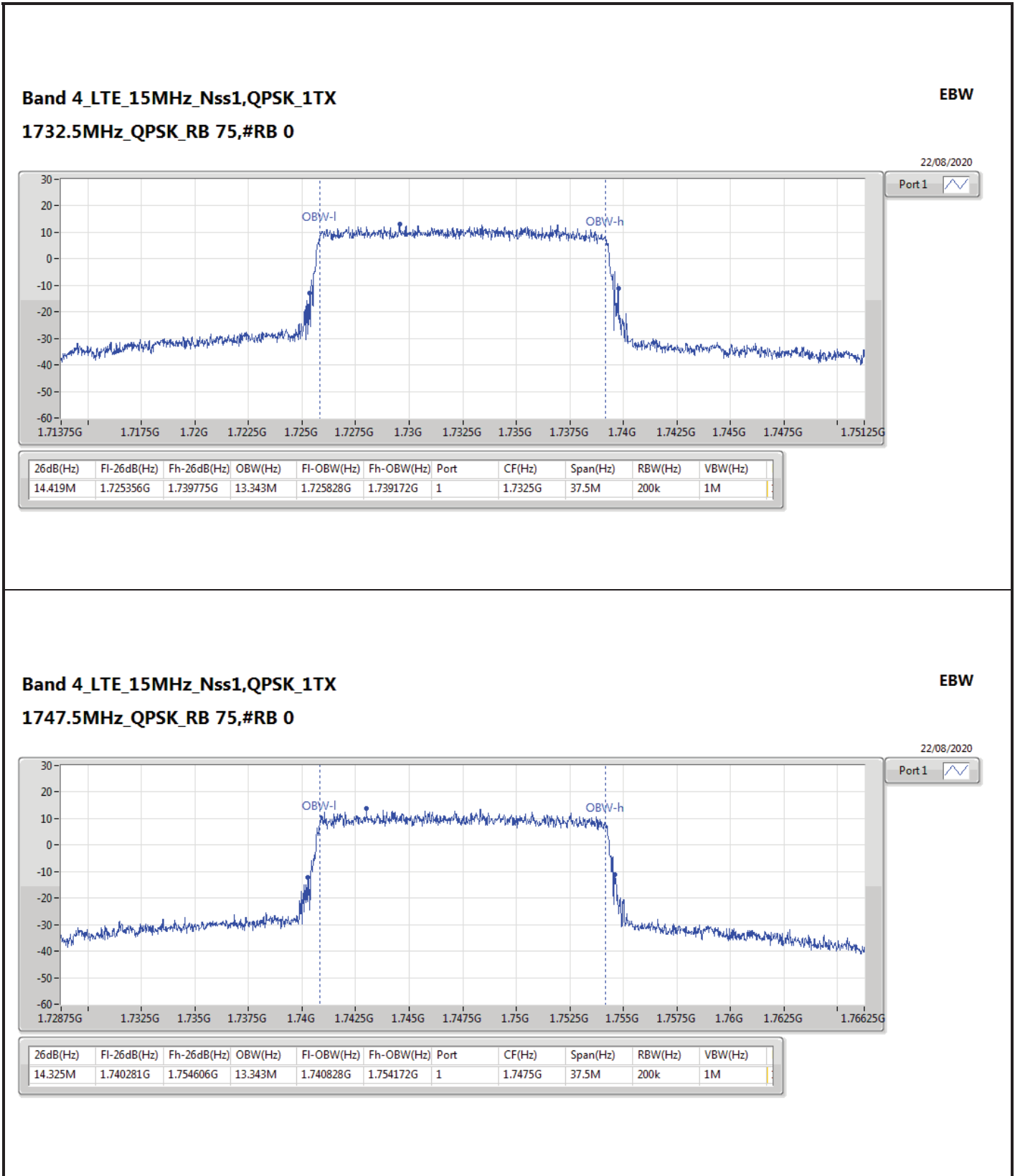


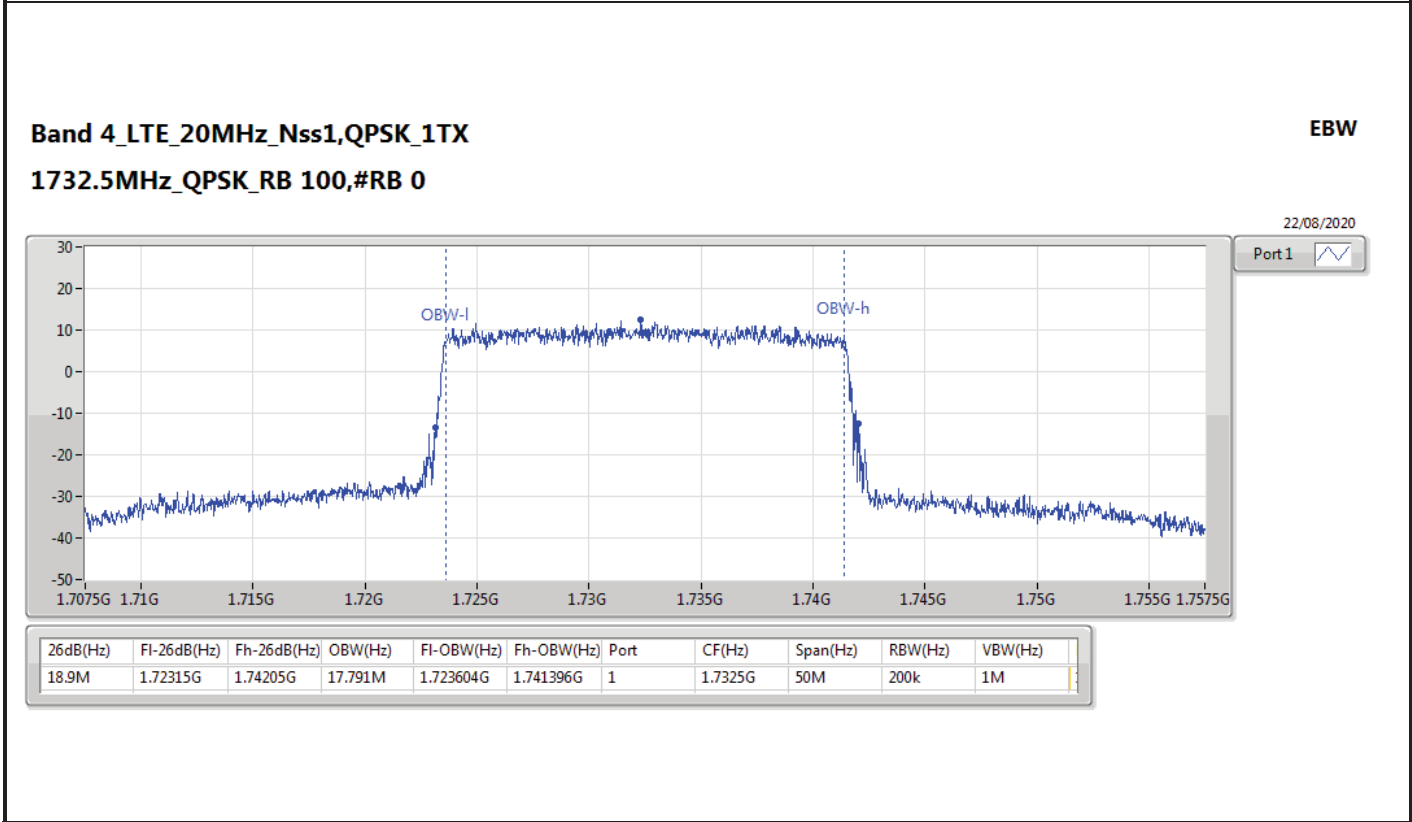
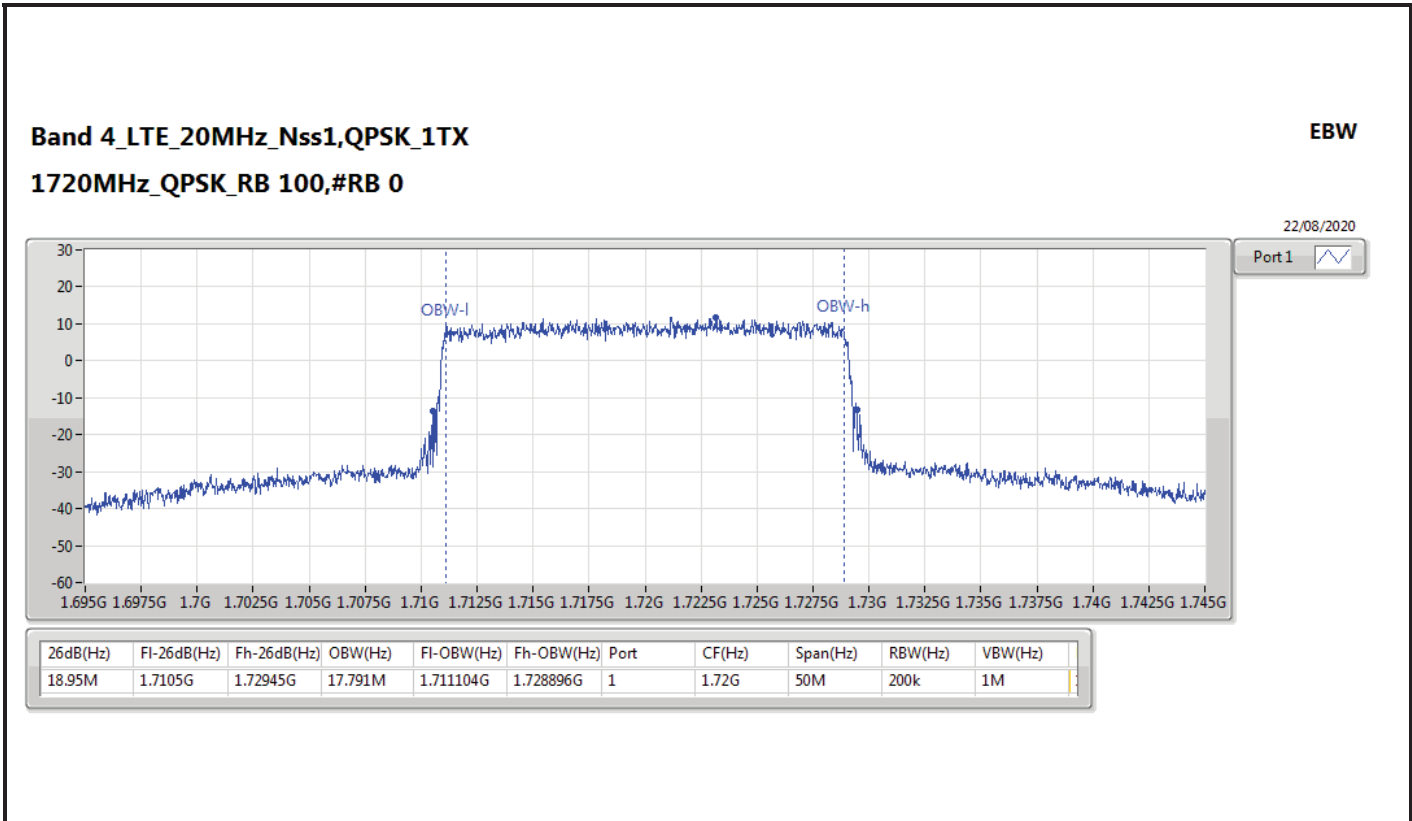


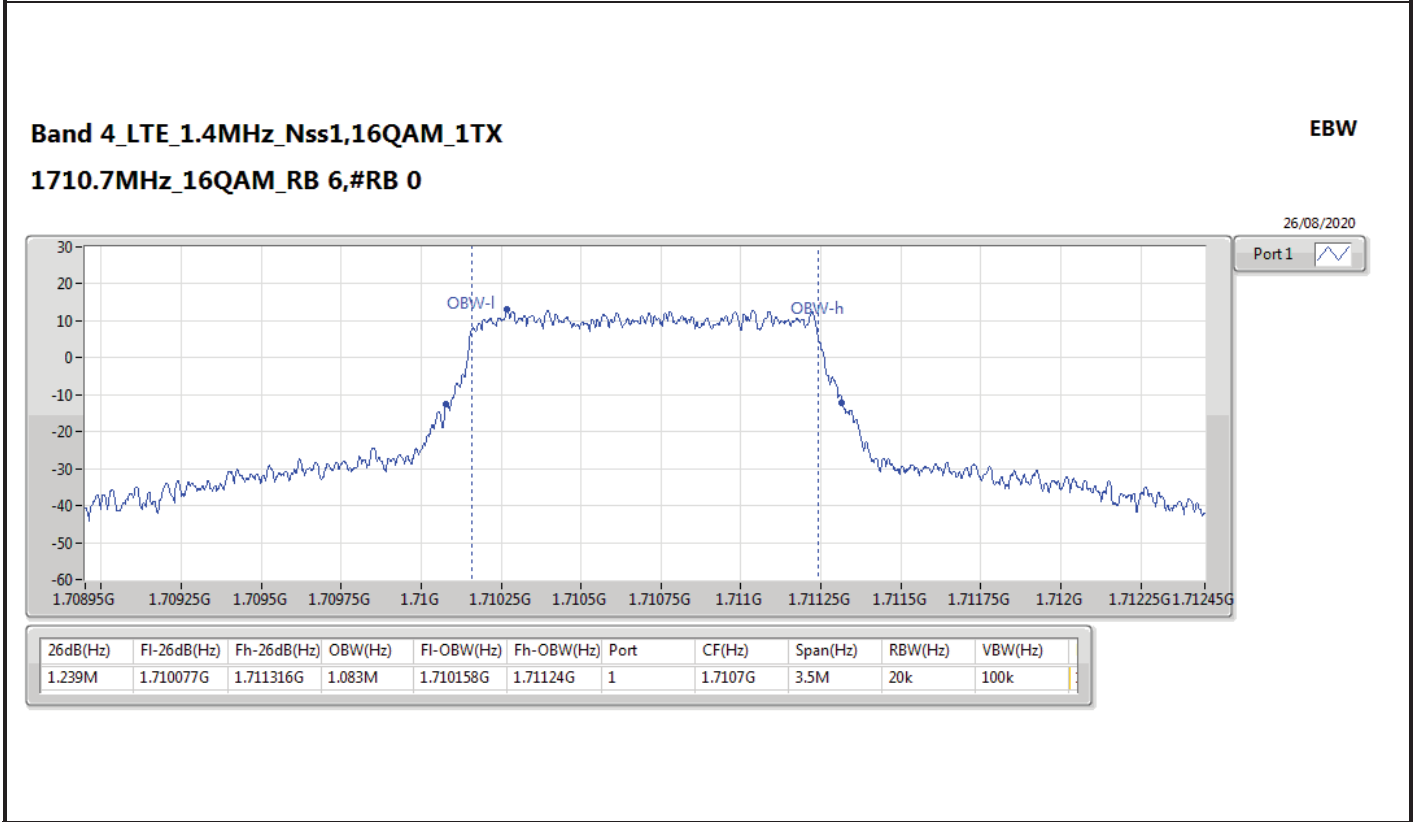
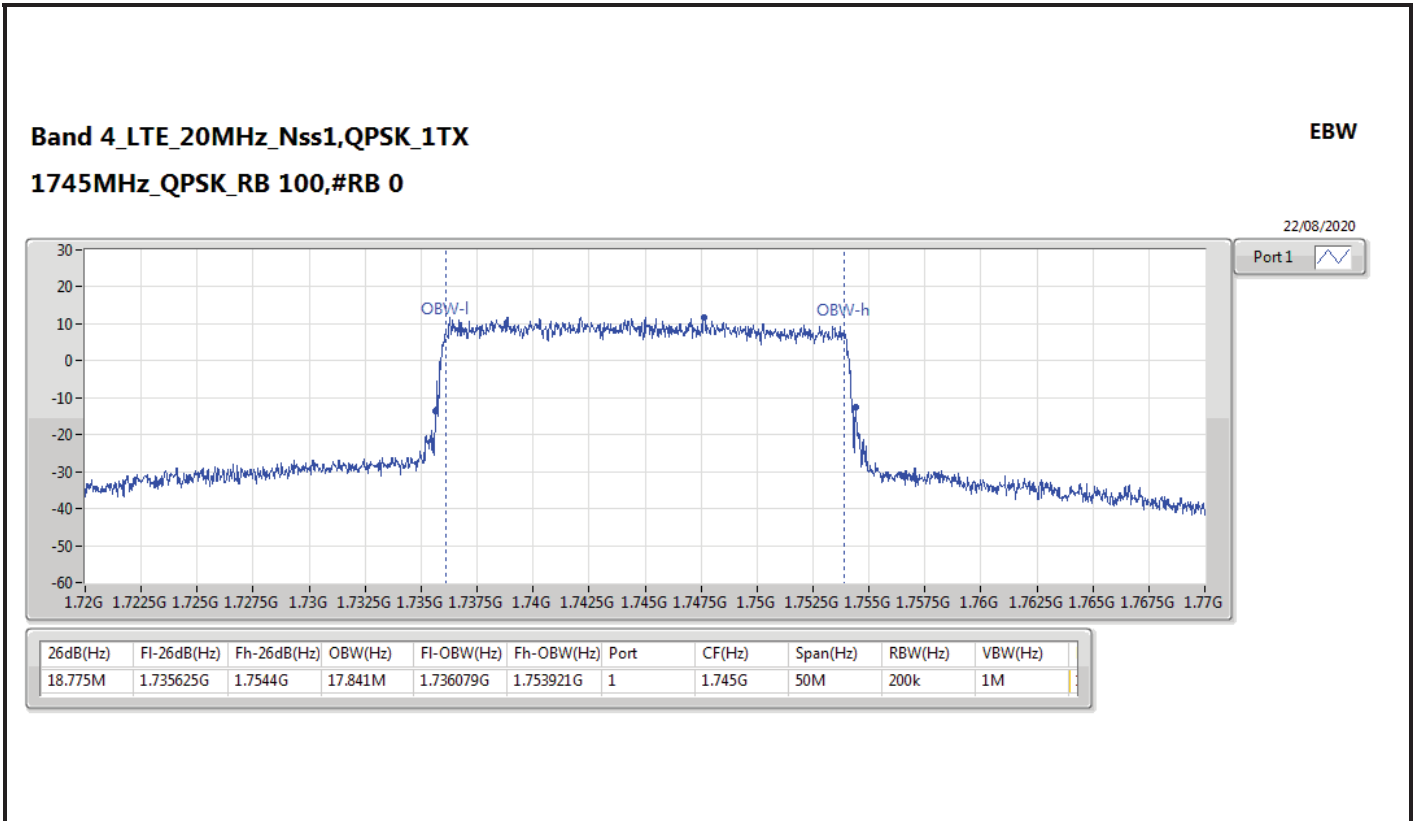


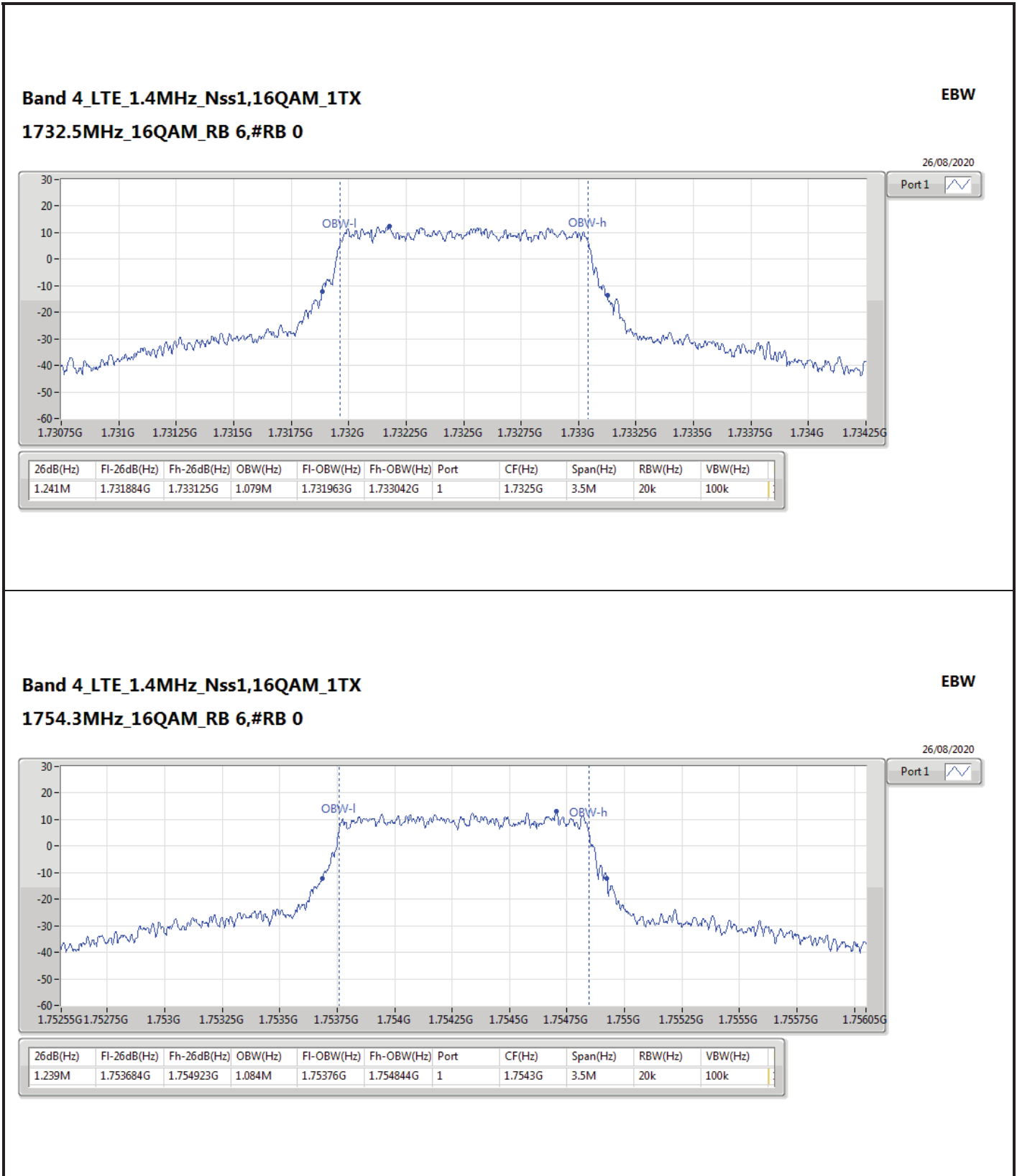


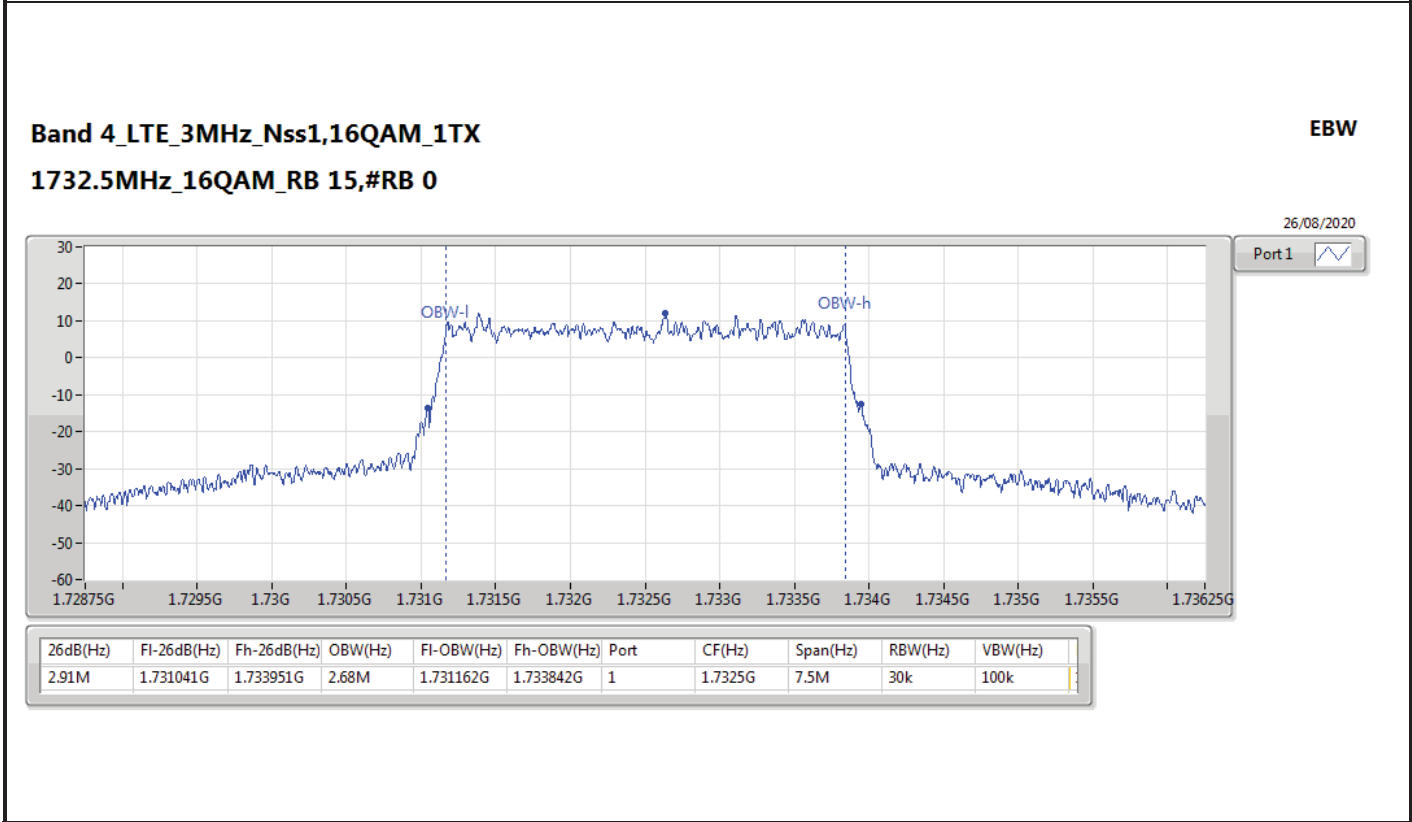
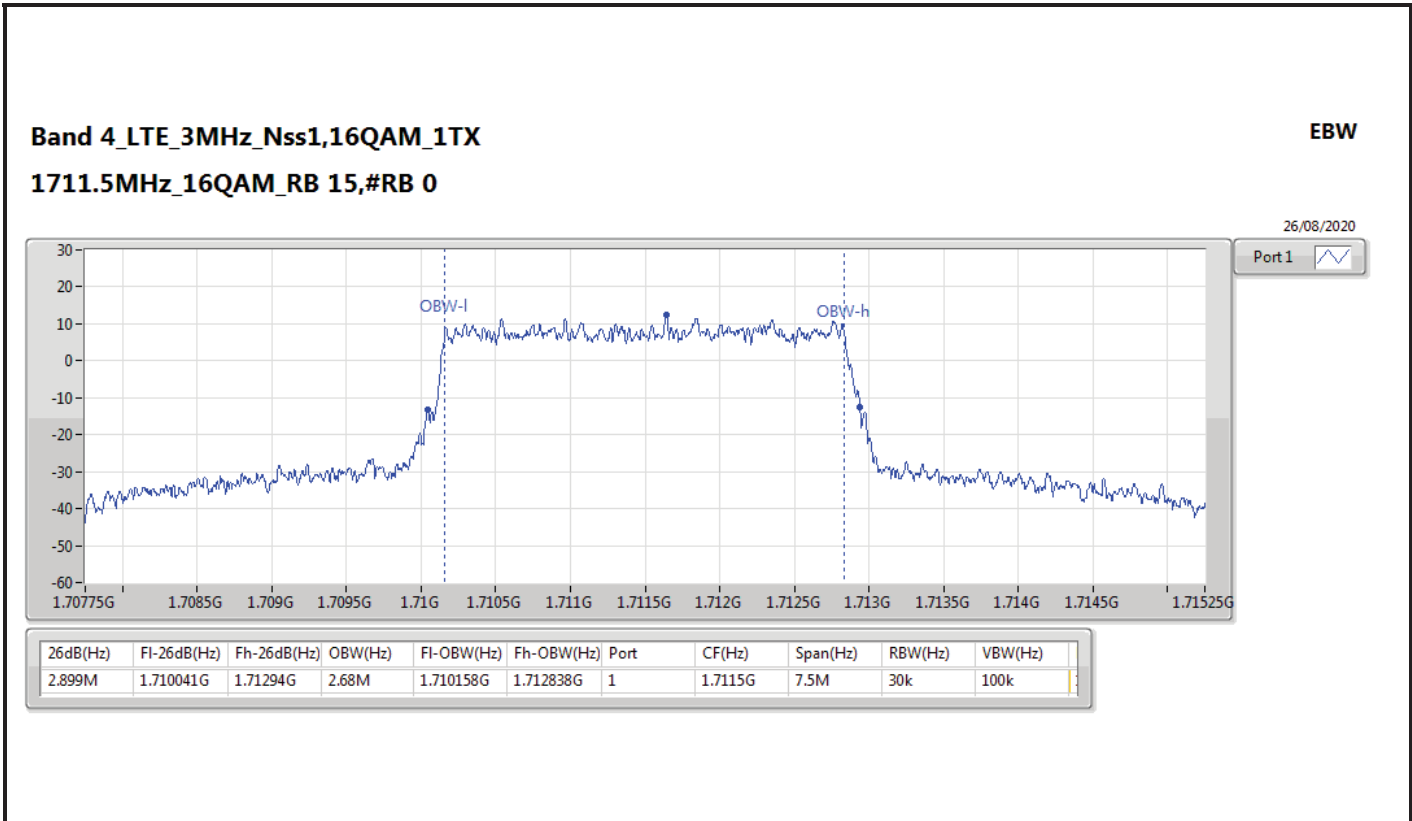


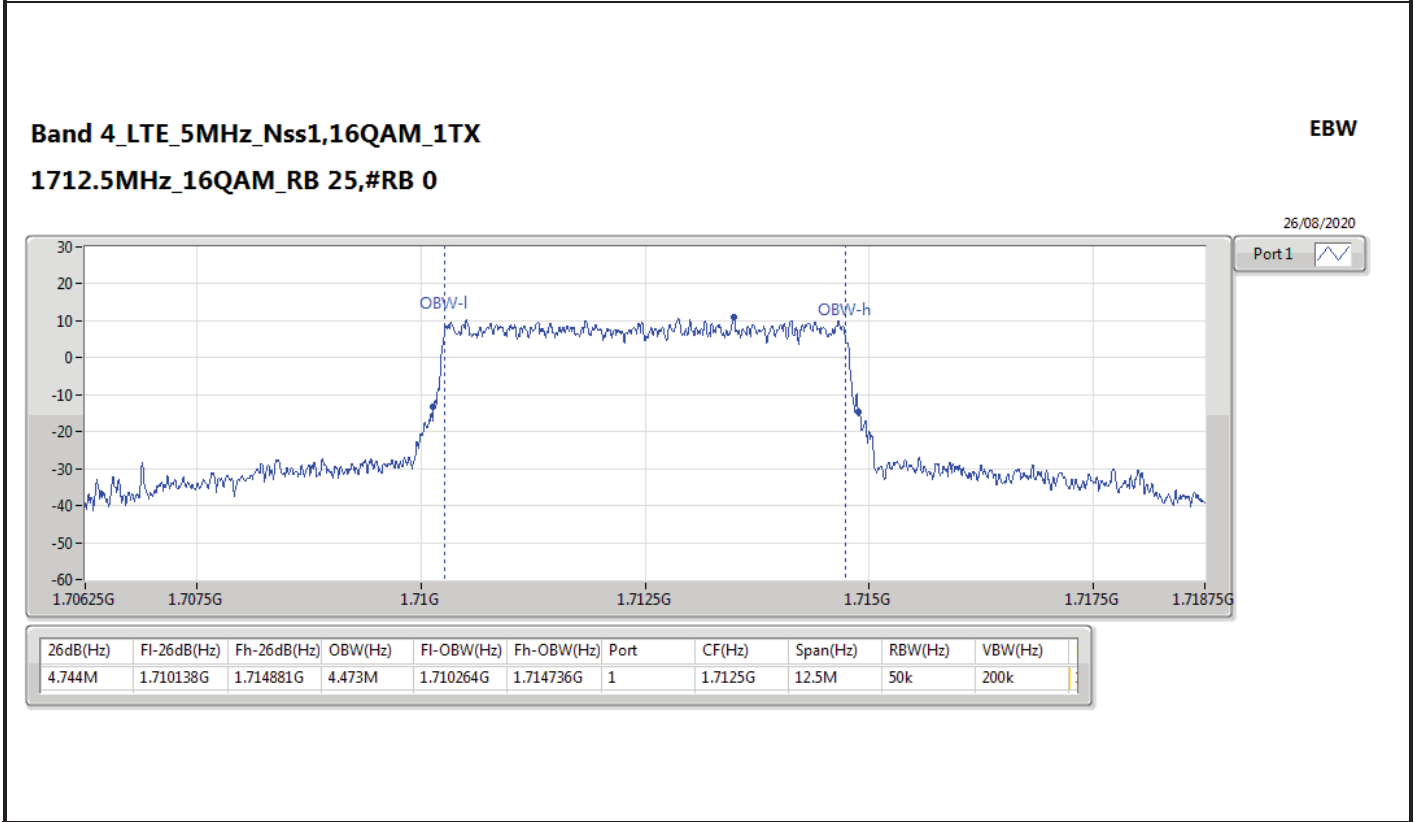
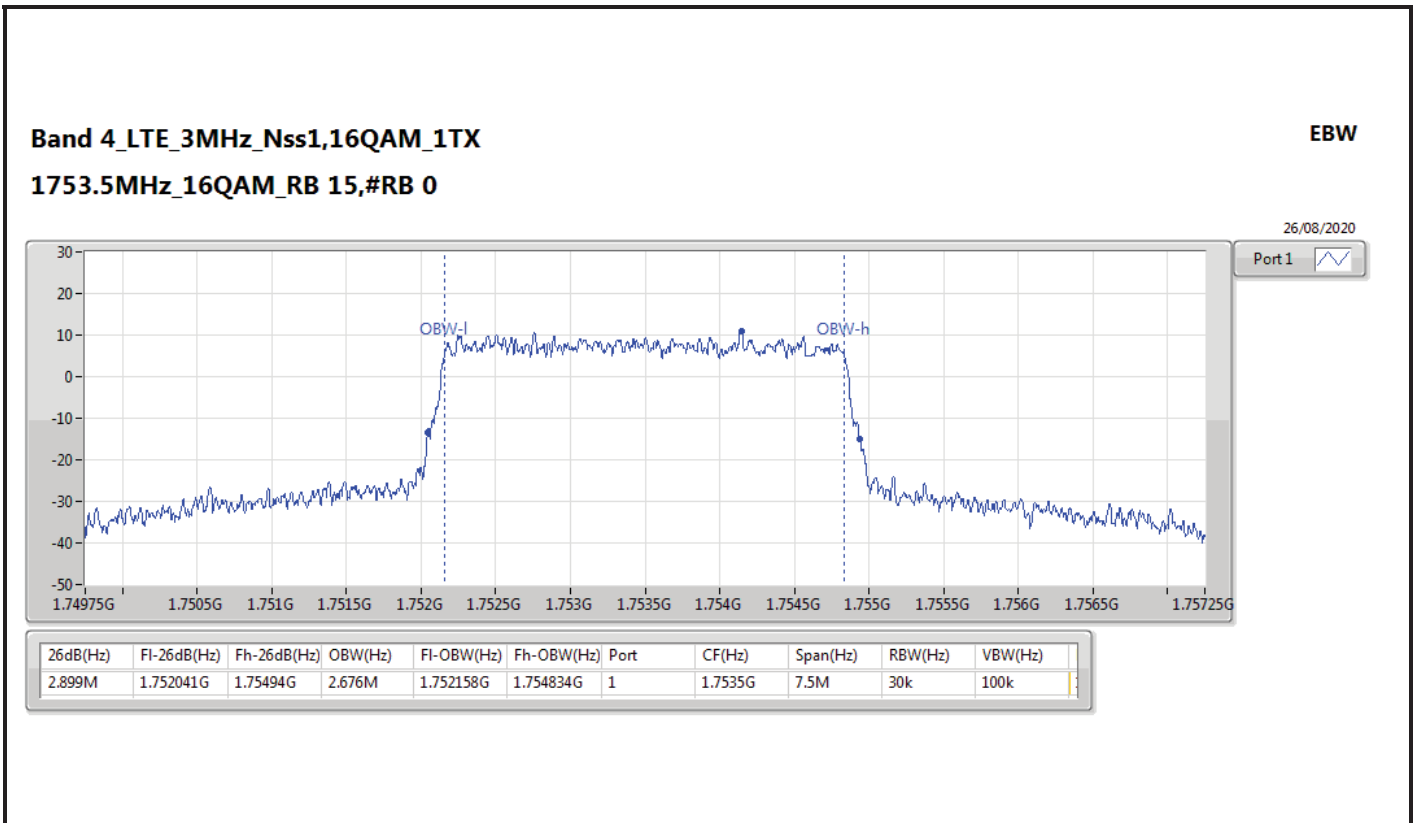


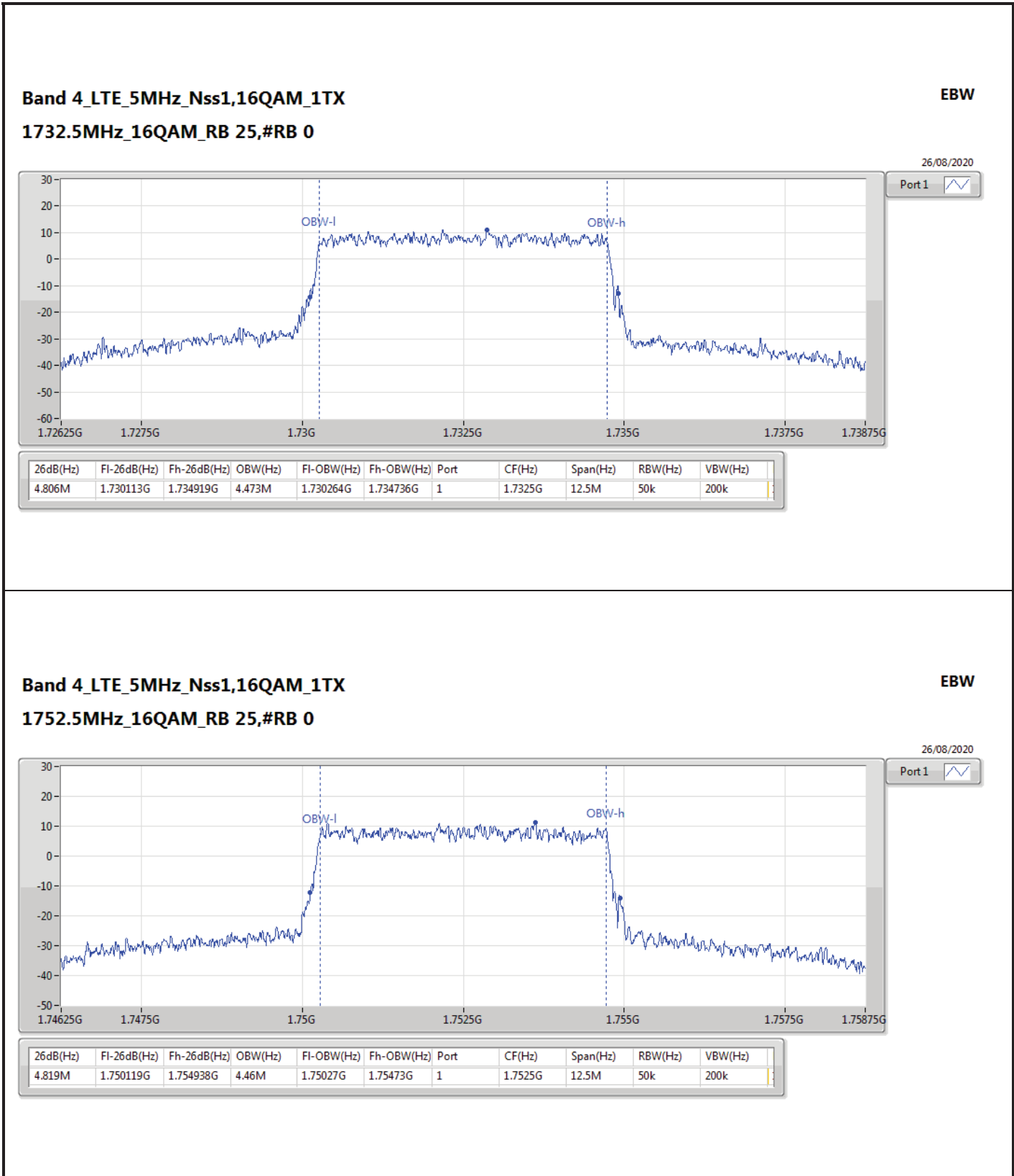


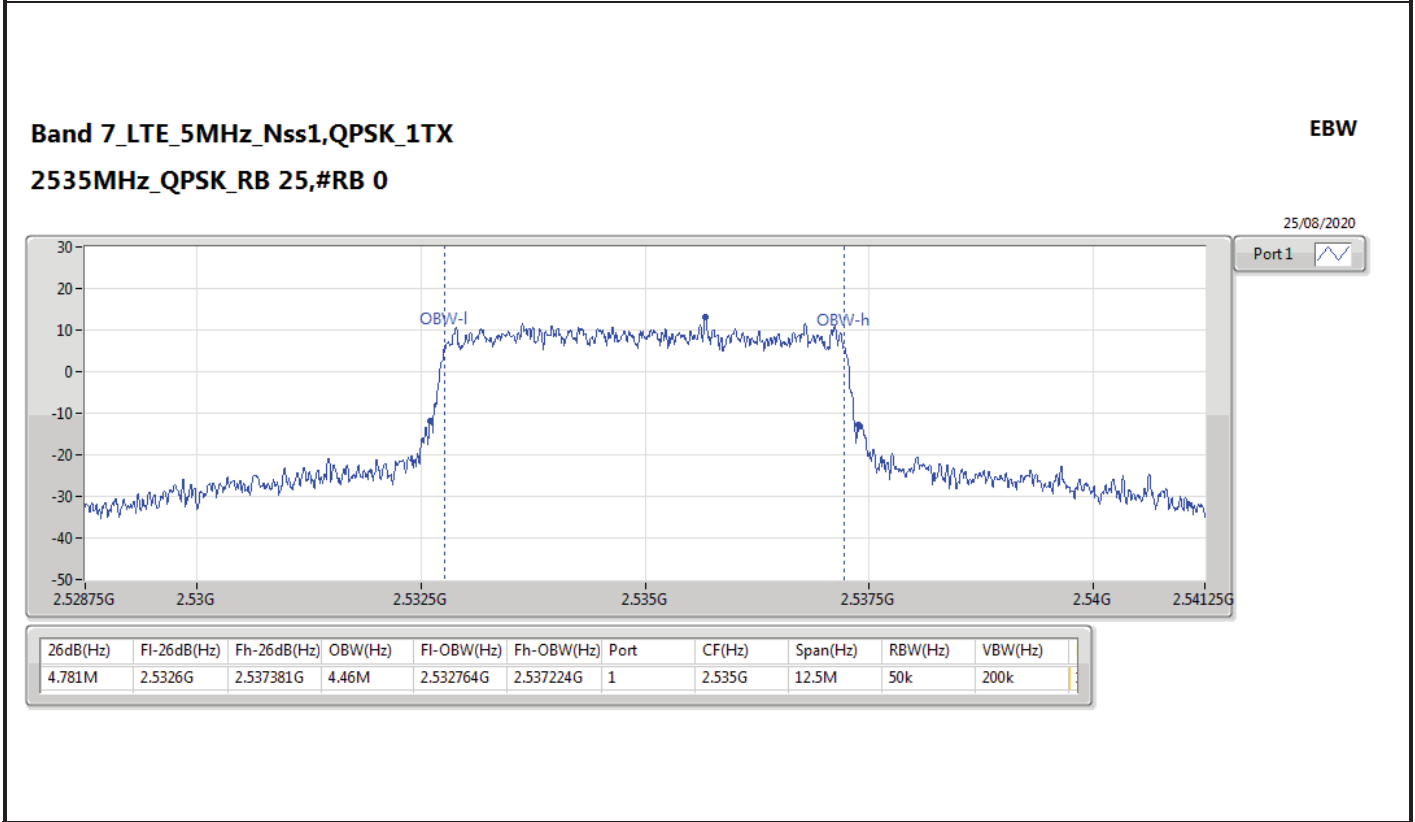
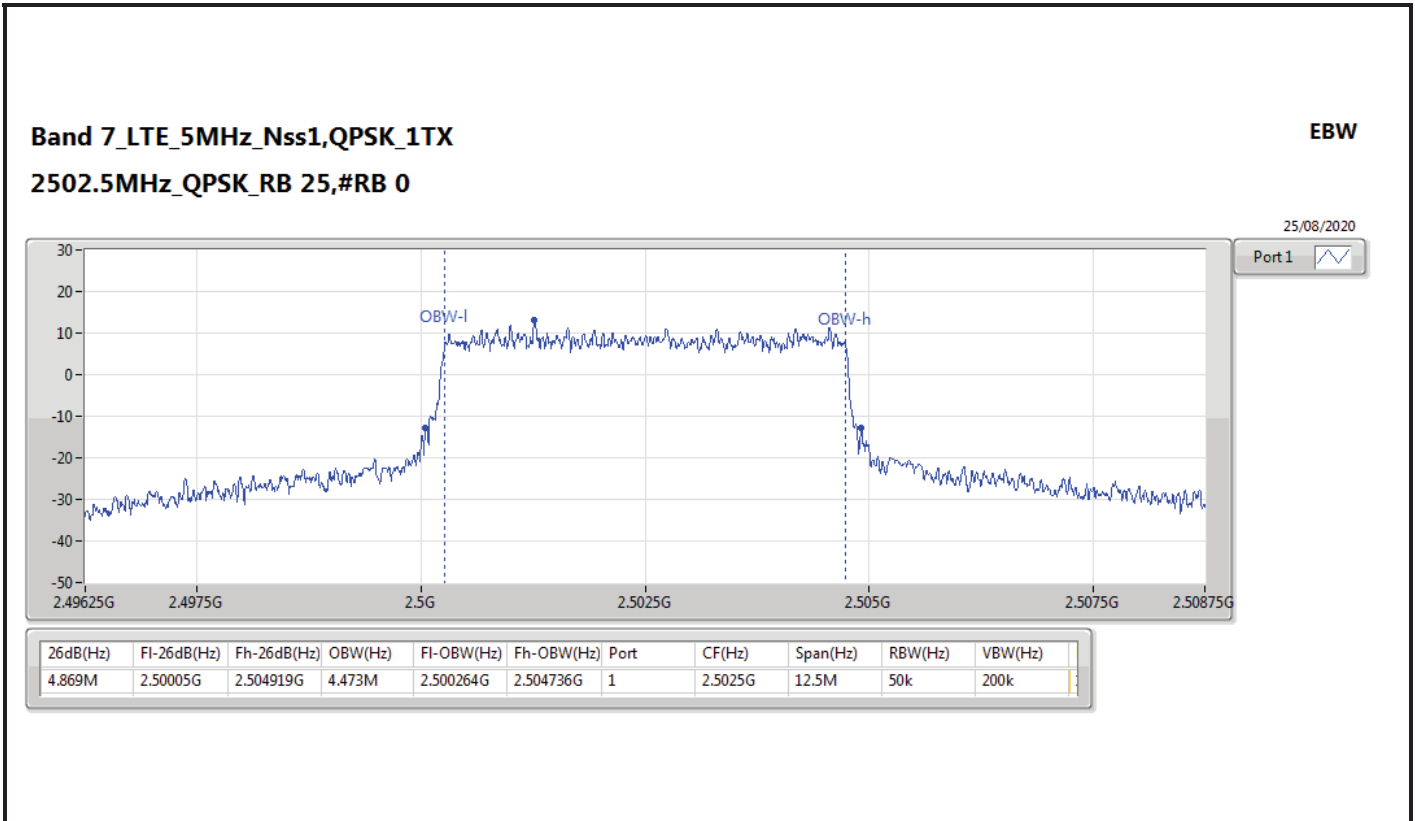


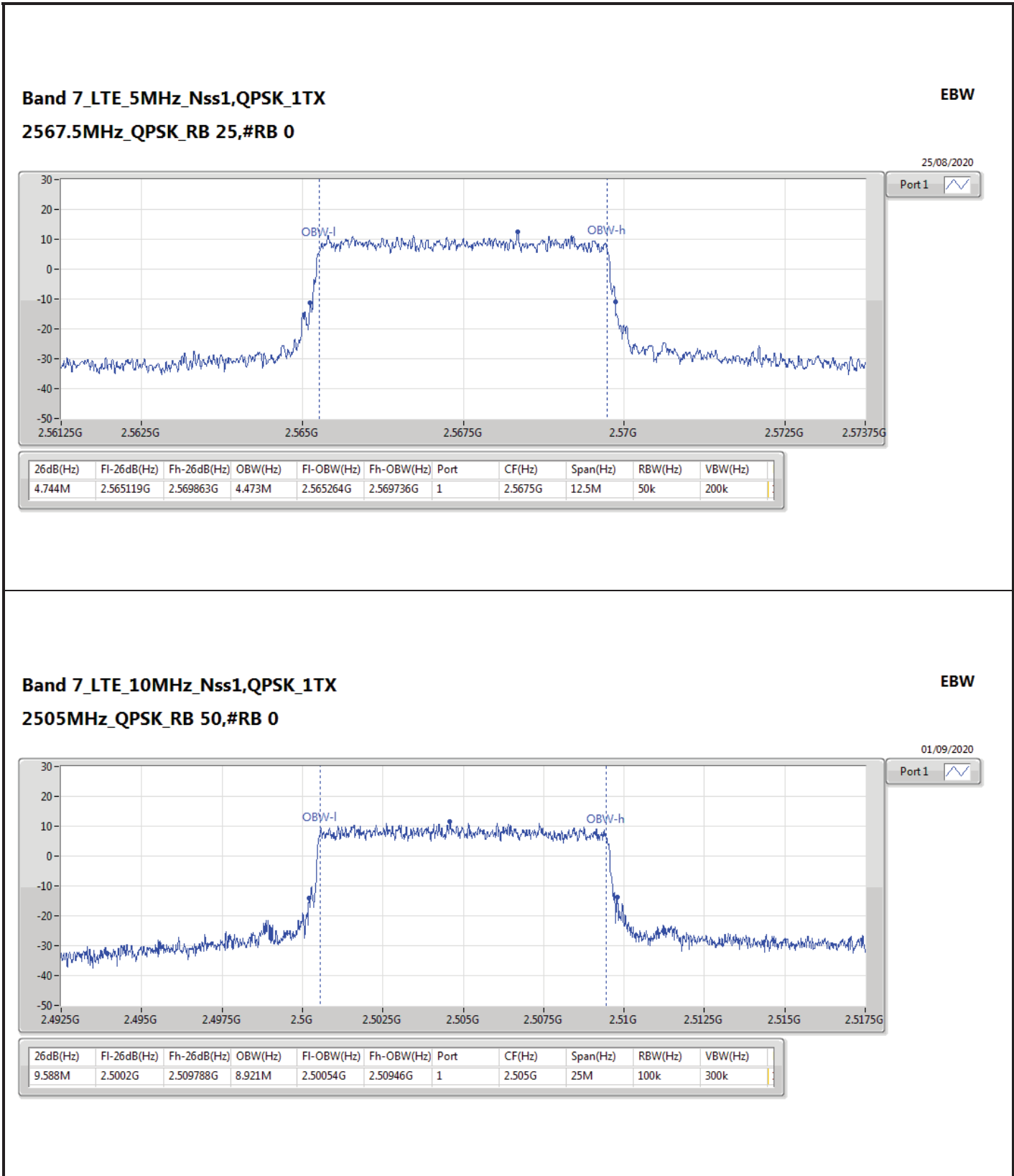


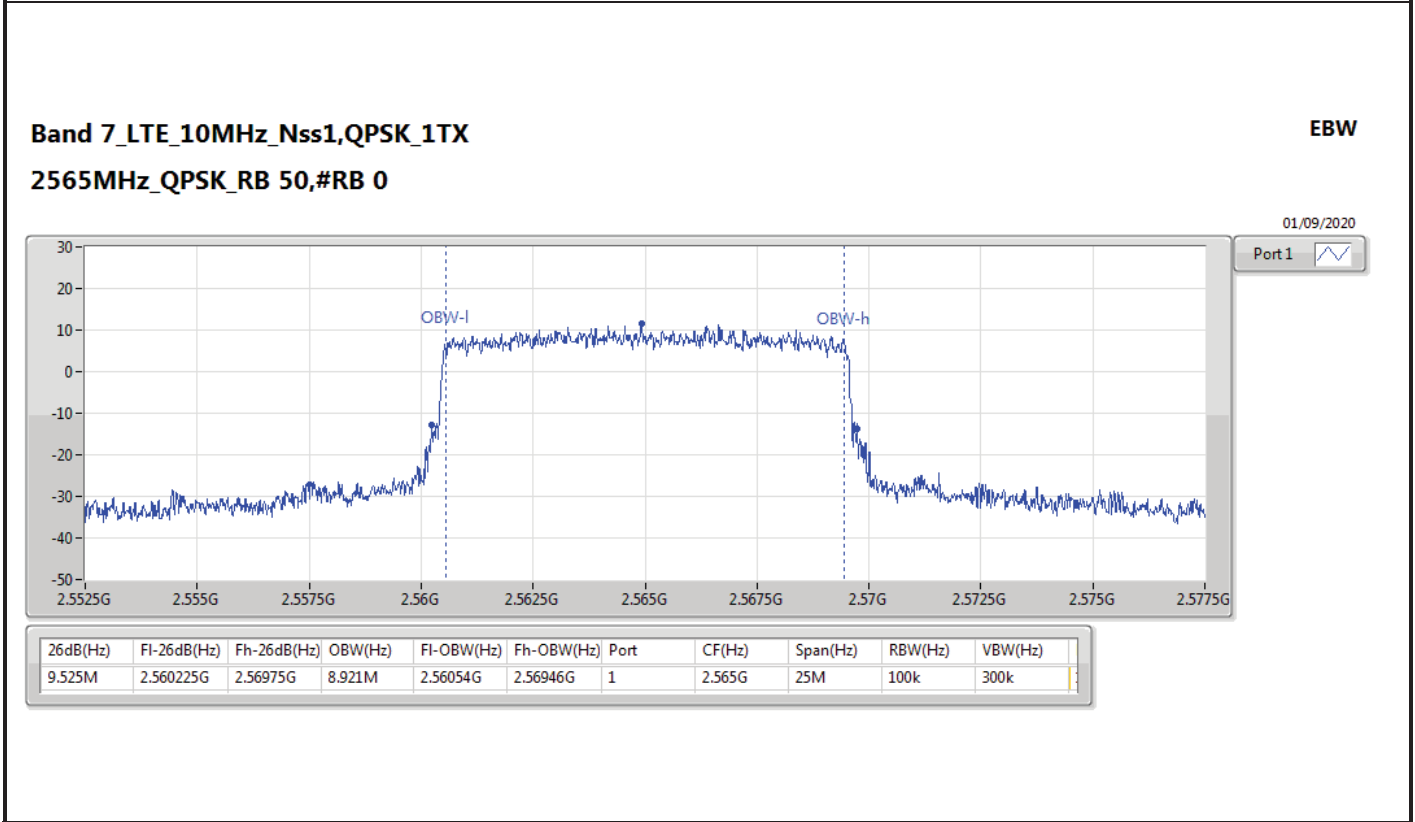
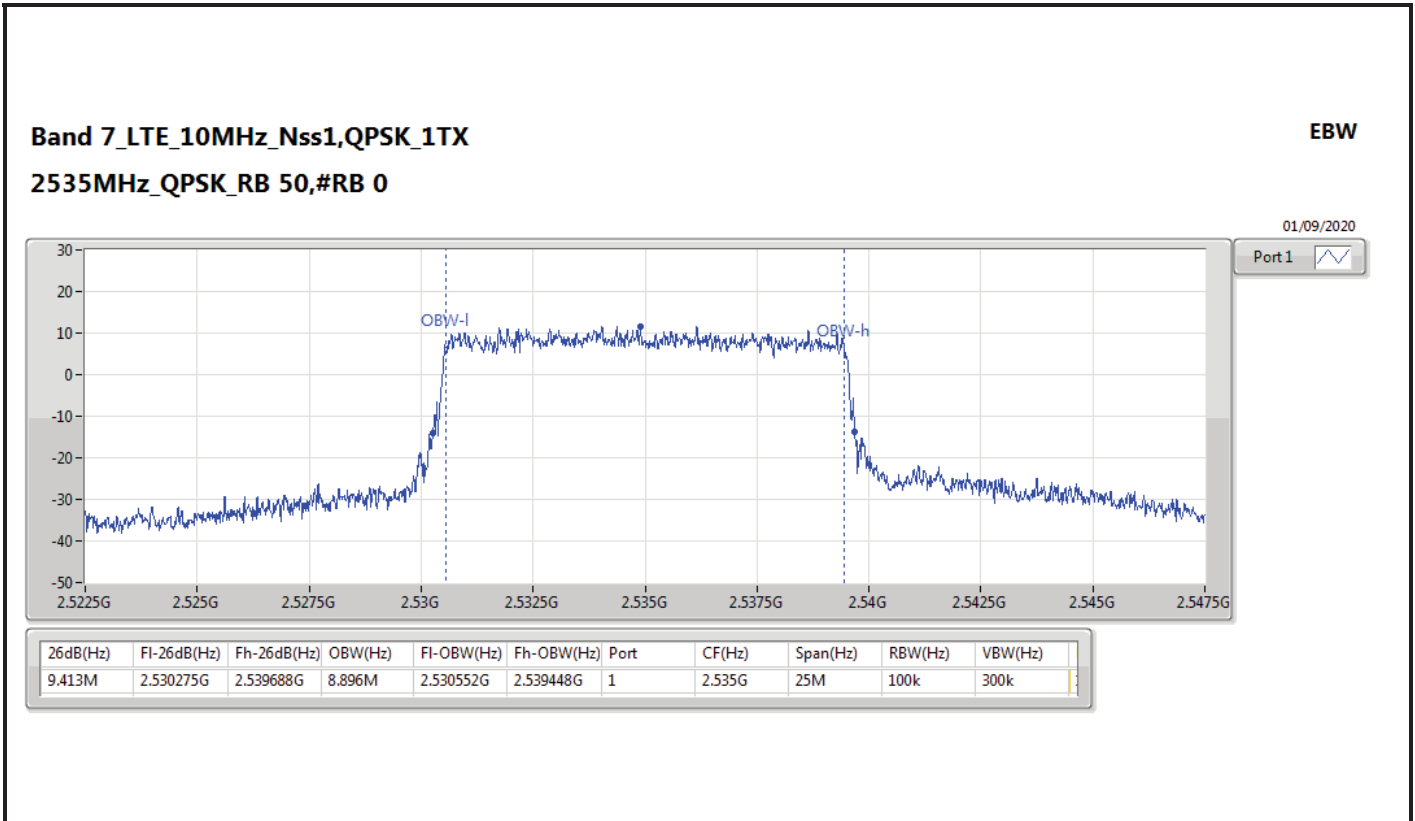


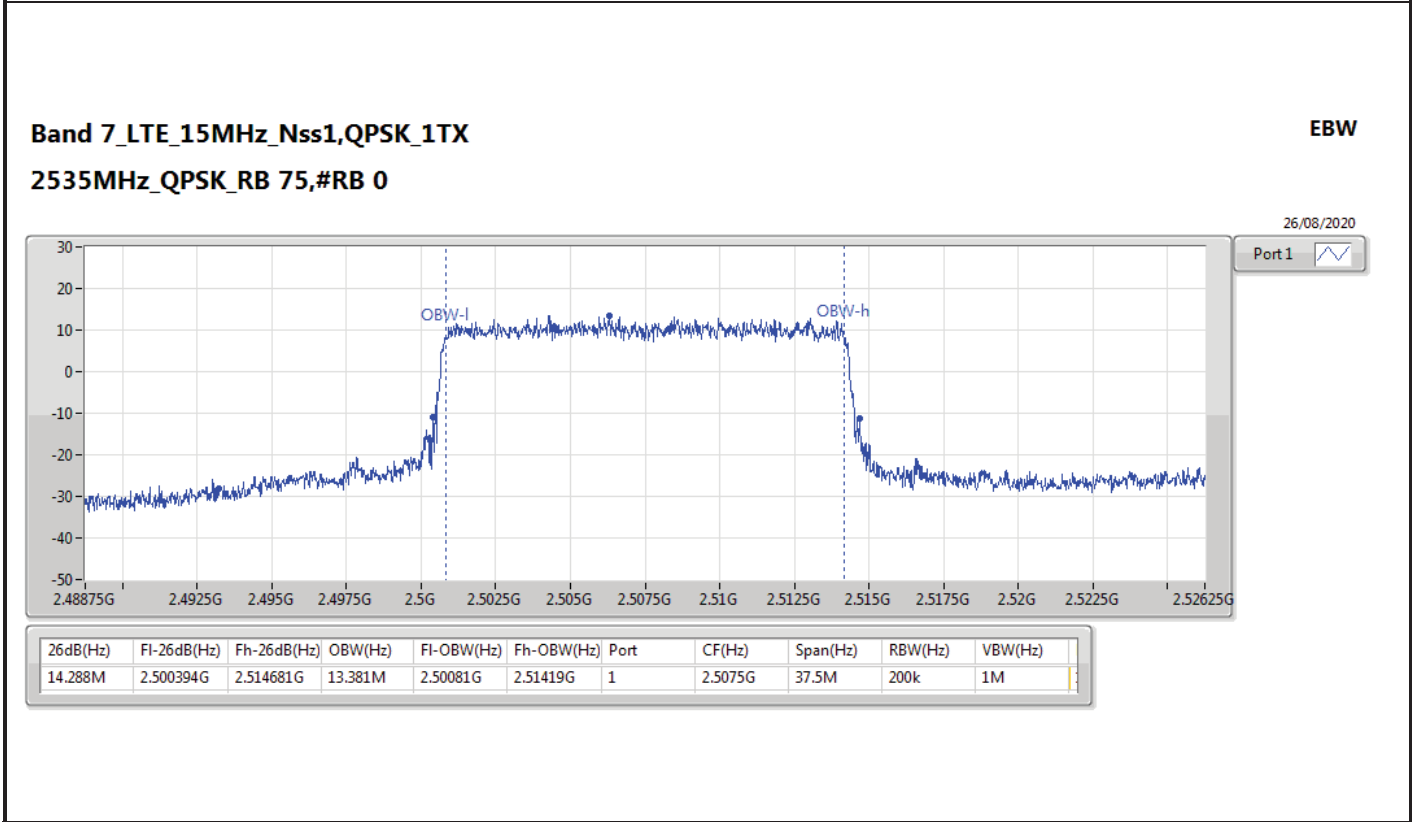
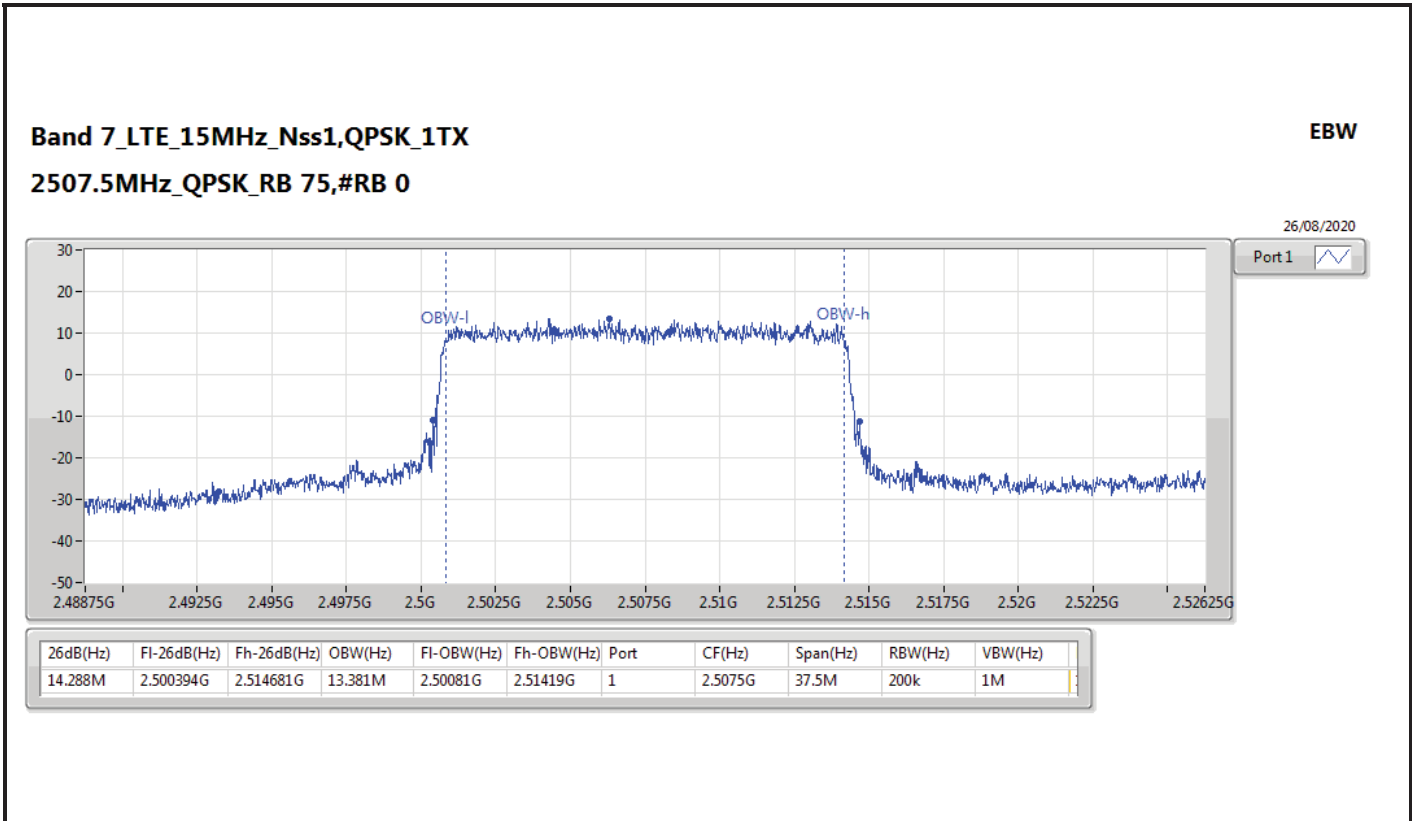


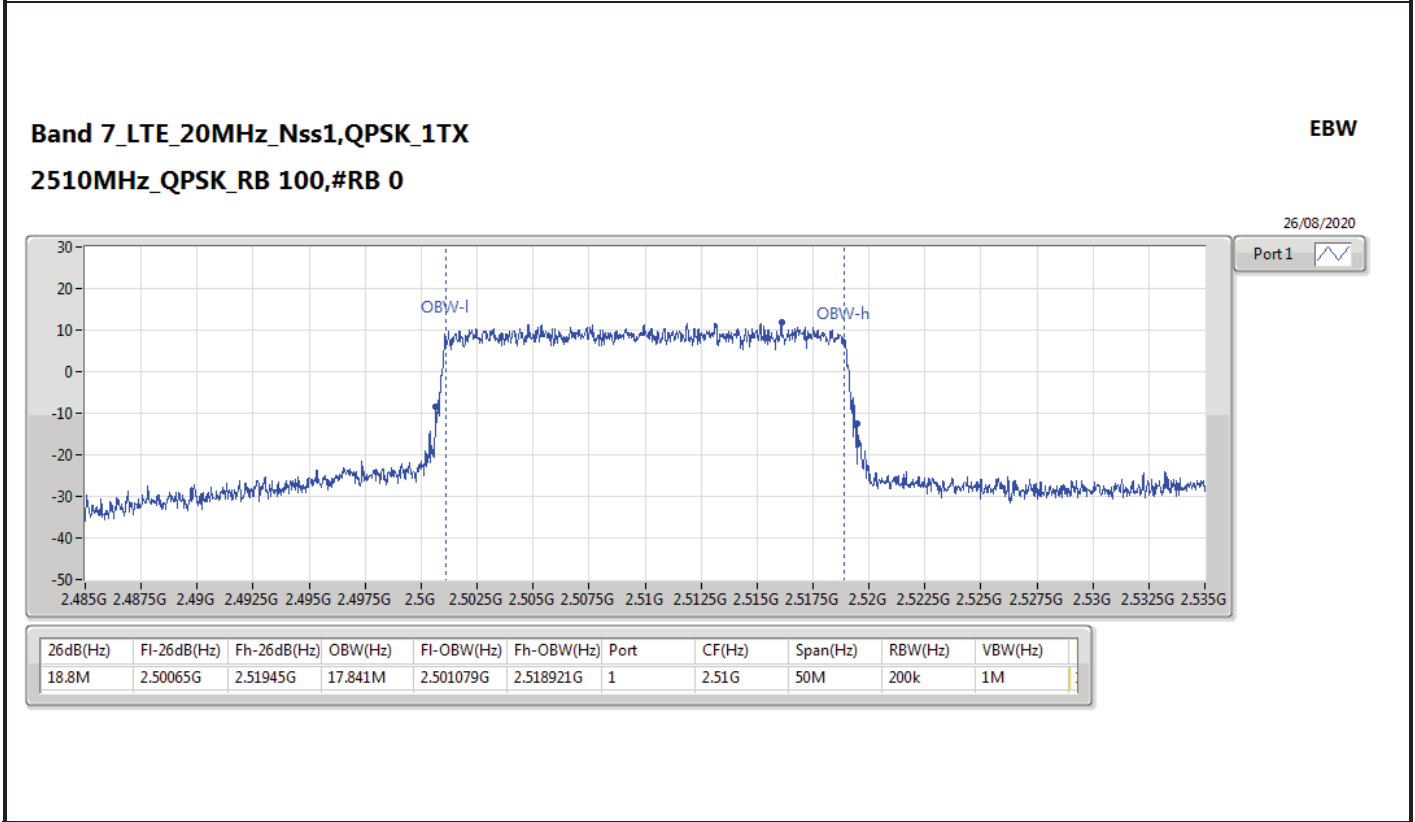
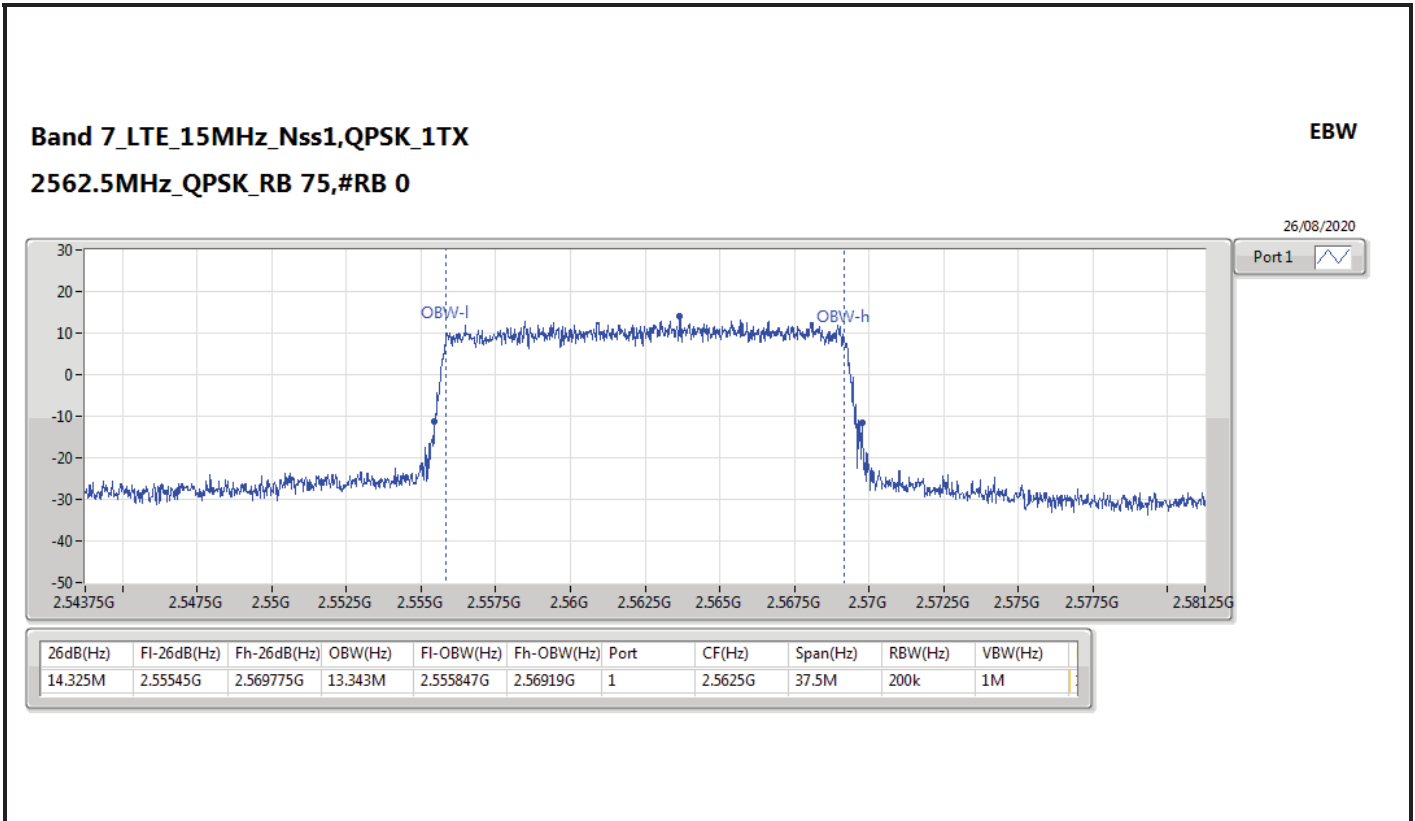


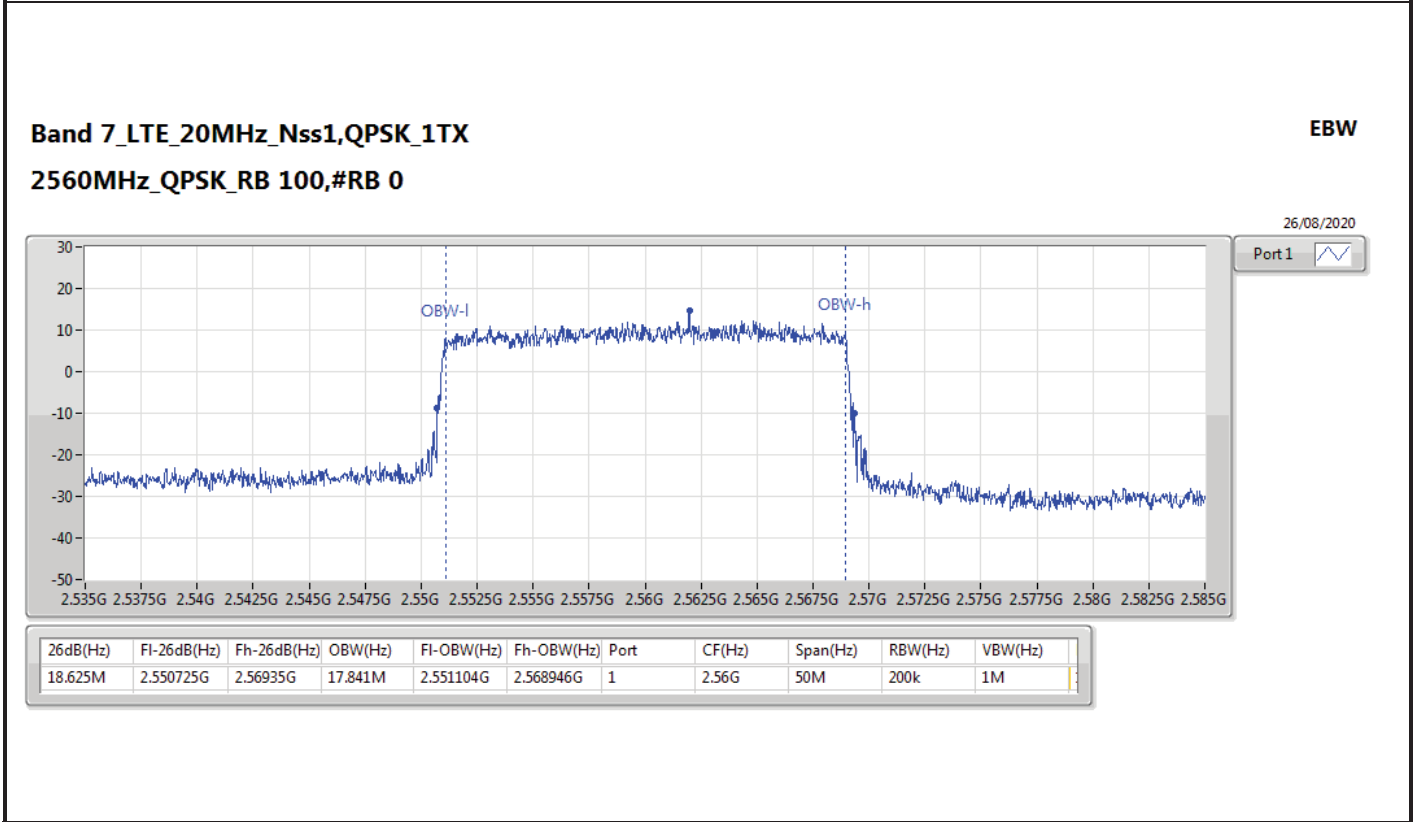
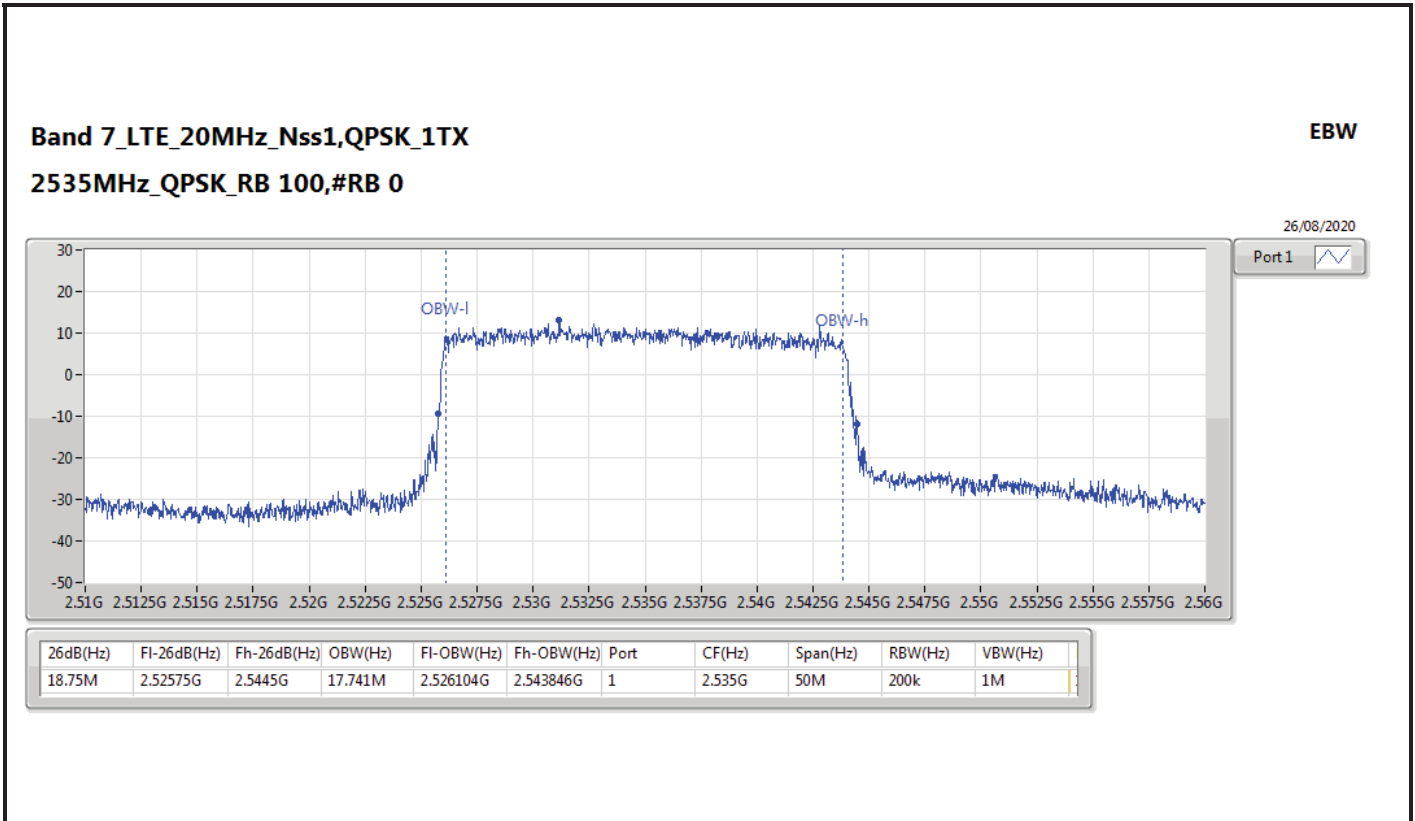


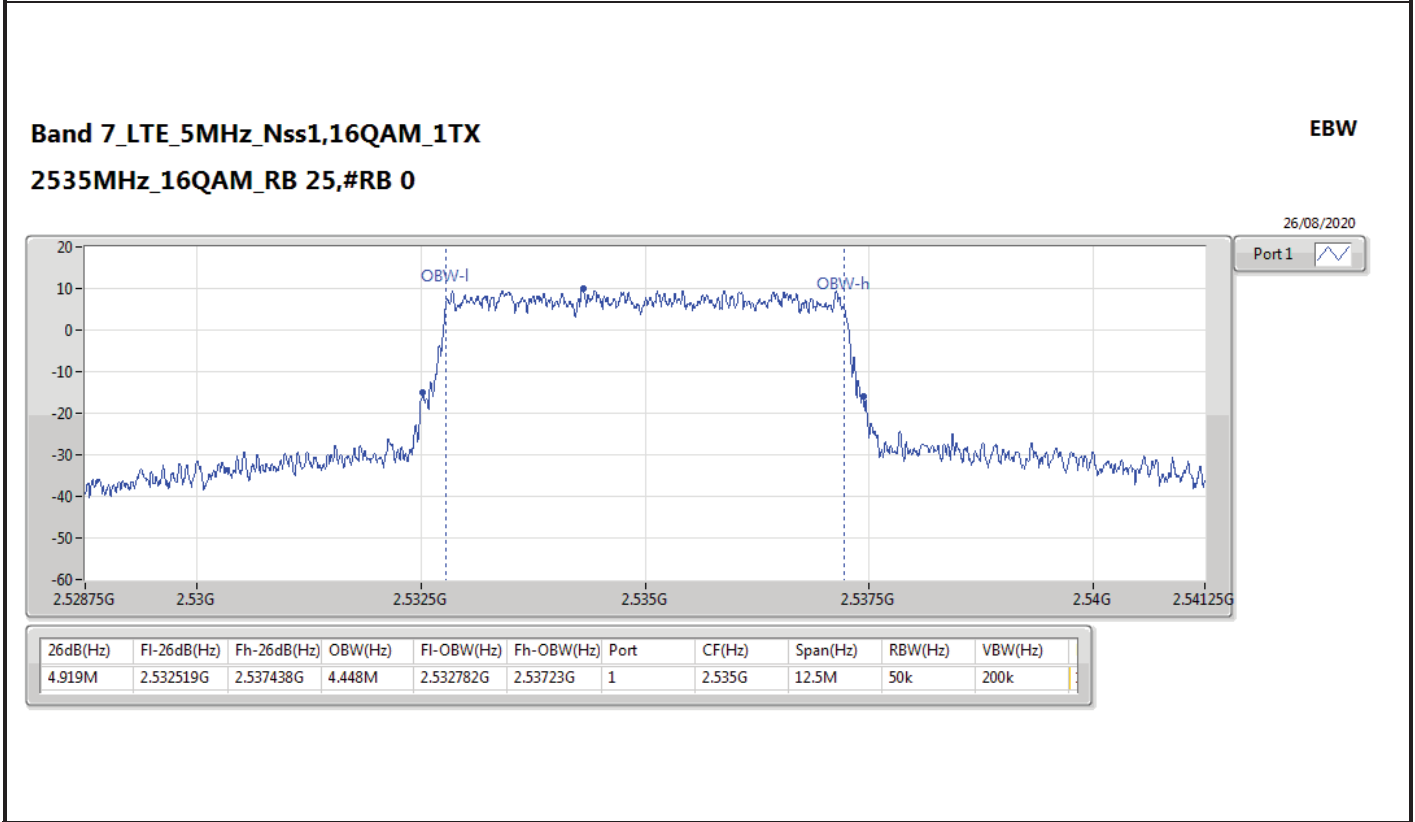
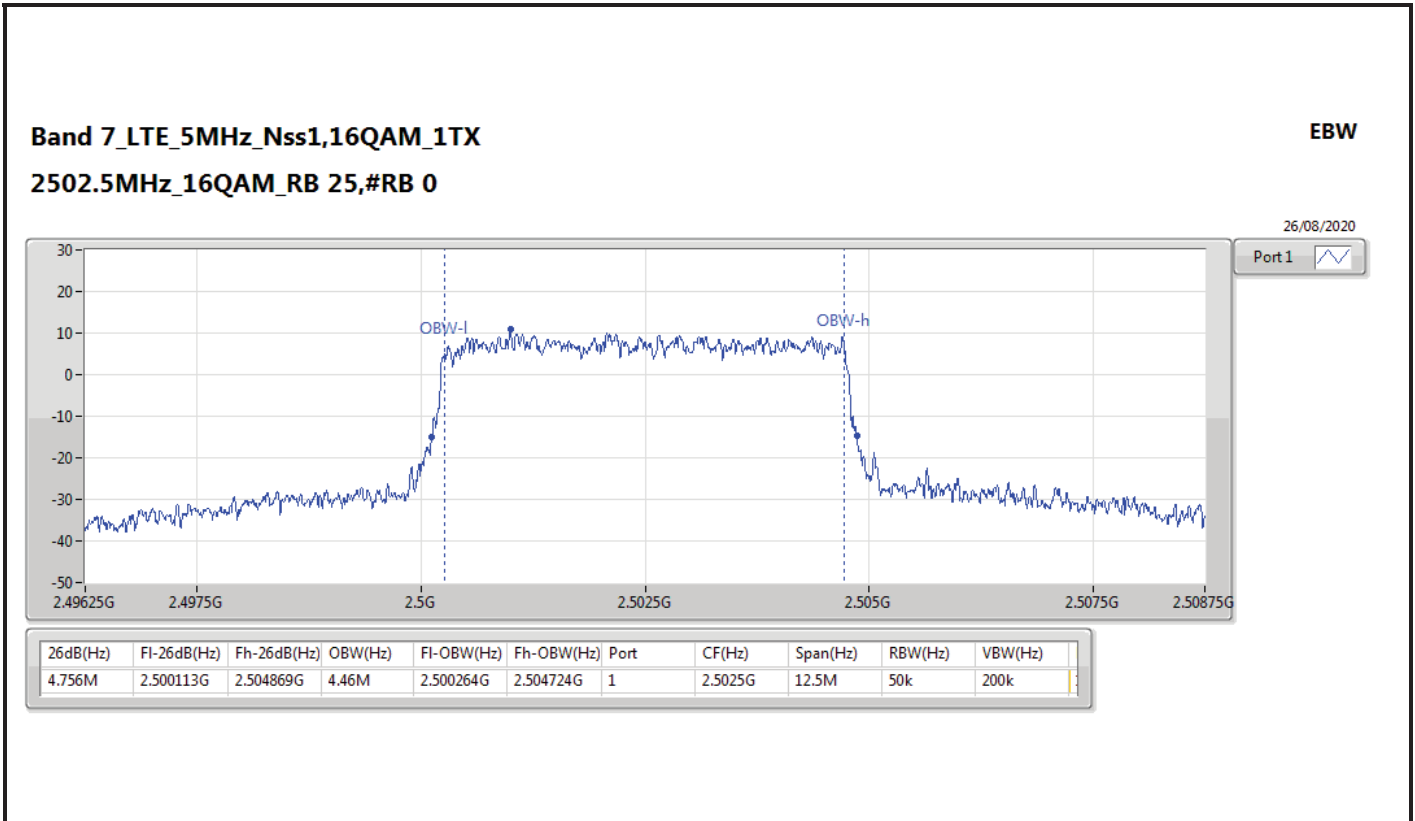











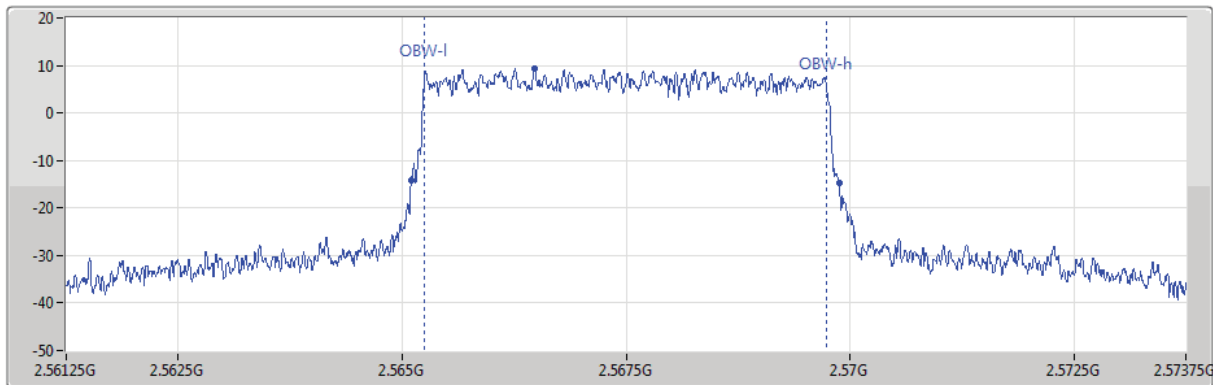


Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 25,#RB 0

EBW

26/08/2020

Port 1 



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|---------|----------|---------|---------|
| 4.781M | 2.5651G | 2.569881G | 4.485M | 2.565251G | 2.569736G | 1 | 2.5675G | 12.5M | 50k | 200k |



Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Remark | Ref.Limit (dB) |
|-----------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 850 | - | - | - | - | - | - | - | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.97M | -16.04 | -13.00 | -3.04 | - | - |
| EGPRS_200kHz_Nss1_1TX | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.01M | -24.92 | -13.00 | -11.92 | - | - |
| 1900 | - | - | - | - | - | - | - | - | - | - | - | - |
| GPRS_200kHz_Nss1_1TX | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91002G | -18.46 | -13.00 | -5.46 | - | - |
| EGPRS_200kHz_Nss1_1TX | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84999G | -22.17 | -13.00 | -9.17 | - | - |



Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Remark | Ref.Limit (dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 850_GPRS_200kHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 824.2MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.916k | -61.37 | -13.00 | -48.37 | - | - |
| 824.2MHz | Pass | 150k | 30M | 10k | 30k | Peak | 172.388k | -67.84 | -13.00 | -54.84 | - | - |
| 824.2MHz | Pass | 30M | 500M | 100k | 300k | Peak | 429.27M | -57.61 | -13.00 | -44.61 | - | - |
| 824.2MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 775.22M | -56.47 | -13.00 | -43.47 | - | - |
| 824.2MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.85M | -26.32 | -13.00 | -13.32 | MBW 100k | - |
| 824.2MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.97M | -16.04 | -13.00 | -3.04 | - | - |
| 824.2MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.08M | -73.87 | -13.00 | -60.87 | - | - |
| 824.2MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.15M | -61.36 | -13.00 | -48.36 | MBW 100k | - |
| 824.2MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.64849G | -26.65 | -13.00 | -13.65 | - | - |
| 824.2MHz | Pass | 2G | 10G | 100k | 300k | Peak | 2.472G | -35.46 | -13.00 | -22.46 | - | - |
| 836.4MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.916k | -61.17 | -13.00 | -48.17 | - | - |
| 836.4MHz | Pass | 150k | 30M | 10k | 30k | Peak | 18.612M | -68.05 | -13.00 | -55.05 | - | - |
| 836.4MHz | Pass | 30M | 500M | 100k | 300k | Peak | 237.51M | -57.76 | -13.00 | -44.76 | - | - |
| 836.4MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 751.52M | -56.59 | -13.00 | -43.59 | - | - |
| 836.4MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.85M | -62.25 | -13.00 | -49.25 | MBW 100k | - |
| 836.4MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.92M | -75.38 | -13.00 | -62.38 | - | - |
| 836.4MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.06M | -72.70 | -13.00 | -59.70 | - | - |
| 836.4MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.25M | -61.25 | -13.00 | -48.25 | MBW 100k | - |
| 836.4MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.67294G | -25.87 | -13.00 | -12.87 | - | - |
| 836.4MHz | Pass | 2G | 10G | 100k | 300k | Peak | 2.509G | -38.39 | -13.00 | -25.39 | - | - |
| 848.8MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.987k | -61.55 | -13.00 | -48.55 | - | - |
| 848.8MHz | Pass | 150k | 30M | 10k | 30k | Peak | 187.312k | -66.98 | -13.00 | -53.98 | - | - |
| 848.8MHz | Pass | 30M | 500M | 100k | 300k | Peak | 332.8M | -57.68 | -13.00 | -44.68 | - | - |
| 848.8MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 716.73M | -56.90 | -13.00 | -43.90 | - | - |
| 848.8MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.75M | -62.06 | -13.00 | -49.06 | MBW 100k | - |
| 848.8MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.97M | -74.98 | -13.00 | -61.98 | - | - |
| 848.8MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849M | -16.95 | -13.00 | -3.95 | - | - |
| 848.8MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.15M | -26.79 | -13.00 | -13.79 | MBW 100k | - |
| 848.8MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.9557G | -54.08 | -13.00 | -41.08 | - | - |
| 848.8MHz | Pass | 2G | 10G | 100k | 300k | Peak | 2.546G | -38.80 | -13.00 | -25.80 | - | - |
| 1900_GPRS_200kHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 1850.2MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.67k | -70.77 | -13.00 | -57.77 | - | - |
| 1850.2MHz | Pass | 150k | 30M | 10k | 30k | Peak | 20M | -67.26 | -13.00 | -54.26 | - | - |
| 1850.2MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 1.14885G | -45.93 | -13.00 | -32.93 | - | - |
| 1850.2MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.84318G | -43.02 | -13.00 | -30.02 | - | - |
| 1850.2MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8485G | -39.43 | -13.00 | -26.43 | MBW 1M | - |
| 1850.2MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84998G | -18.87 | -13.00 | -5.87 | - | - |
| 1850.2MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91027G | -72.46 | -13.00 | -59.46 | - | - |
| 1850.2MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9135G | -50.68 | -13.00 | -37.68 | MBW 1M | - |
| 1850.2MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 3.70087G | -37.67 | -13.00 | -24.67 | - | - |
| 1850.2MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.88563G | -31.72 | -13.00 | -18.72 | - | - |
| 1880MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.776k | -70.65 | -13.00 | -57.65 | - | - |
| 1880MHz | Pass | 150k | 30M | 10k | 30k | Peak | 20.784M | -68.34 | -13.00 | -55.34 | - | - |
| 1880MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 867.72M | -46.50 | -13.00 | -33.50 | - | - |
| 1880MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.76871G | -44.91 | -13.00 | -31.91 | - | - |
| 1880MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8445G | -50.61 | -13.00 | -37.61 | MBW 1M | - |
| 1880MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84992G | -72.95 | -13.00 | -59.95 | - | - |
| 1880MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91033G | -72.57 | -13.00 | -59.57 | - | - |
| 1880MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9155G | -50.53 | -13.00 | -37.53 | MBW 1M | - |
| 1880MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 3.76023G | -37.21 | -13.00 | -24.21 | - | - |
| 1880MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.60063G | -31.83 | -13.00 | -18.83 | - | - |
| 1909.8MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.987k | -69.34 | -13.00 | -56.34 | - | - |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Remark | Ref.Limit (dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|----------|-------------------|
| 1909.8MHz | Pass | 150k | 30M | 10k | 30k | Peak | 20.105M | -67.66 | -13.00 | -54.66 | - | - |
| 1909.8MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 1.03328G | -45.72 | -13.00 | -32.72 | - | - |
| 1909.8MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.6818G | -43.77 | -13.00 | -30.77 | - | - |
| 1909.8MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8445G | -50.57 | -13.00 | -37.57 | MBW 1M | - |
| 1909.8MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84976G | -73.38 | -13.00 | -60.38 | - | - |
| 1909.8MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91002G | -18.46 | -13.00 | -5.46 | - | - |
| 1909.8MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9115G | -39.27 | -13.00 | -26.27 | MBW 1M | - |
| 1909.8MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 3.81998G | -39.91 | -13.00 | -26.91 | - | - |
| 1909.8MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.97375G | -31.46 | -13.00 | -18.46 | - | - |
| 850_EGPRS_200kHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 824.2MHz | Pass | 9k | 150k | 200 | 1k | Peak | 15.345k | -64.33 | -13.00 | -51.33 | - | - |
| 824.2MHz | Pass | 150k | 30M | 10k | 30k | Peak | 157.462k | -55.38 | -13.00 | -42.38 | - | - |
| 824.2MHz | Pass | 30M | 500M | 100k | 300k | Peak | 344.55M | -57.60 | -13.00 | -44.60 | - | - |
| 824.2MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 822.87M | -34.16 | -13.00 | -21.16 | - | - |
| 824.2MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.85M | -35.04 | -13.00 | -22.04 | MBW 100k | - |
| 824.2MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.98M | -25.28 | -13.00 | -12.28 | - | - |
| 824.2MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.07M | -75.10 | -13.00 | -62.10 | - | - |
| 824.2MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.15M | -61.58 | -13.00 | -48.58 | MBW 100k | - |
| 824.2MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.64849G | -41.16 | -13.00 | -28.16 | - | - |
| 824.2MHz | Pass | 2G | 10G | 100k | 300k | Peak | 9.199G | -46.08 | -13.00 | -33.08 | - | - |
| 836.4MHz | Pass | 9k | 150k | 200 | 1k | Peak | 12.102k | -64.56 | -13.00 | -51.56 | - | - |
| 836.4MHz | Pass | 150k | 30M | 10k | 30k | Peak | 150k | -50.81 | -13.00 | -37.81 | - | - |
| 836.4MHz | Pass | 30M | 500M | 100k | 300k | Peak | 251.37M | -57.08 | -13.00 | -44.08 | - | - |
| 836.4MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 822.47M | -56.52 | -13.00 | -43.52 | - | - |
| 836.4MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.65M | -61.86 | -13.00 | -48.86 | MBW 100k | - |
| 836.4MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.97M | -74.82 | -13.00 | -61.82 | - | - |
| 836.4MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.03M | -75.64 | -13.00 | -62.64 | - | - |
| 836.4MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.35M | -61.60 | -13.00 | -48.60 | MBW 100k | - |
| 836.4MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.67294G | -36.72 | -13.00 | -23.72 | - | - |
| 836.4MHz | Pass | 2G | 10G | 100k | 300k | Peak | 9.212G | -46.46 | -13.00 | -33.46 | - | - |
| 848.8MHz | Pass | 9k | 150k | 200 | 1k | Peak | 30.467k | -64.49 | -13.00 | -51.49 | - | - |
| 848.8MHz | Pass | 150k | 30M | 10k | 30k | Peak | 187.312k | -54.09 | -13.00 | -41.09 | - | - |
| 848.8MHz | Pass | 30M | 500M | 100k | 300k | Peak | 492.72M | -58.22 | -13.00 | -45.22 | - | - |
| 848.8MHz | Pass | 500M | 823.6M | 100k | 300k | Peak | 762.68M | -57.12 | -13.00 | -44.12 | - | - |
| 848.8MHz | Pass | 823.6M | 823.9M | 2k | 10k | Peak | 823.65M | -61.94 | -13.00 | -48.94 | MBW 100k | - |
| 848.8MHz | Pass | 823.9M | 824M | 2k | 10k | Peak | 823.99M | -75.51 | -13.00 | -62.51 | - | - |
| 848.8MHz | Pass | 849M | 849.1M | 2k | 10k | Peak | 849.01M | -24.92 | -13.00 | -11.92 | - | - |
| 848.8MHz | Pass | 849.1M | 849.4M | 2k | 10k | Peak | 849.15M | -34.50 | -13.00 | -21.50 | MBW 100k | - |
| 848.8MHz | Pass | 849.4M | 2G | 100k | 300k | Peak | 1.69768G | -35.26 | -13.00 | -22.26 | - | - |
| 848.8MHz | Pass | 2G | 10G | 100k | 300k | Peak | 9.27G | -46.51 | -13.00 | -33.51 | - | - |
| 1900_EGPRS_200kHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 1850.2MHz | Pass | 9k | 150k | 200 | 1k | Peak | 32.3k | -69.59 | -13.00 | -56.59 | - | - |
| 1850.2MHz | Pass | 150k | 30M | 10k | 30k | Peak | 157.462k | -57.78 | -13.00 | -44.78 | - | - |
| 1850.2MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 1.11541G | -46.03 | -13.00 | -33.03 | - | - |
| 1850.2MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.84348G | -44.58 | -13.00 | -31.58 | - | - |
| 1850.2MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8485G | -41.51 | -13.00 | -28.51 | MBW 1M | - |
| 1850.2MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84999G | -22.17 | -13.00 | -9.17 | - | - |
| 1850.2MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91096G | -73.36 | -13.00 | -60.36 | - | - |
| 1850.2MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9145G | -50.09 | -13.00 | -37.09 | MBW 1M | - |
| 1850.2MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 3.70087G | -39.24 | -13.00 | -26.24 | - | - |
| 1850.2MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.49188G | -31.53 | -13.00 | -18.53 | - | - |
| 1880MHz | Pass | 9k | 150k | 200 | 1k | Peak | 9.599k | -68.45 | -13.00 | -55.45 | - | - |
| 1880MHz | Pass | 150k | 30M | 10k | 30k | Peak | 194.775k | -62.03 | -13.00 | -49.03 | - | - |
| 1880MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 1.30339G | -45.48 | -13.00 | -32.48 | - | - |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Remark | Ref.Limit (dB) |
|-----------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| 1880MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.76338G | -44.79 | -13.00 | -31.79 | - | - |
| 1880MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8455G | -50.03 | -13.00 | -37.03 | MBW 1M | - |
| 1880MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84996G | -73.33 | -13.00 | -60.33 | - | - |
| 1880MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91019G | -72.74 | -13.00 | -59.74 | - | - |
| 1880MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9155G | -50.15 | -13.00 | -37.15 | MBW 1M | - |
| 1880MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 4.98689G | -40.78 | -13.00 | -27.78 | - | - |
| 1880MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.9325G | -31.17 | -13.00 | -18.17 | - | - |
| 1909.8MHz | Pass | 9k | 150k | 200 | 1k | Peak | 16.79k | -69.65 | -13.00 | -56.65 | - | - |
| 1909.8MHz | Pass | 150k | 30M | 10k | 30k | Peak | 150k | -54.80 | -13.00 | -41.80 | - | - |
| 1909.8MHz | Pass | 30M | 1.5G | 1M | 3M | Peak | 1.4186G | -45.67 | -13.00 | -32.67 | - | - |
| 1909.8MHz | Pass | 1.5G | 1.844G | 1M | 3M | Peak | 1.83845G | -44.55 | -13.00 | -31.55 | - | - |
| 1909.8MHz | Pass | 1.844G | 1.849G | 2k | 10k | Peak | 1.8475G | -50.12 | -13.00 | -37.12 | MBW 1M | - |
| 1909.8MHz | Pass | 1.849G | 1.85G | 2k | 10k | Peak | 1.84927G | -72.39 | -13.00 | -59.39 | - | - |
| 1909.8MHz | Pass | 1.91G | 1.911G | 2k | 10k | Peak | 1.91001G | -27.40 | -13.00 | -14.40 | - | - |
| 1909.8MHz | Pass | 1.911G | 1.916G | 2k | 10k | Peak | 1.9115G | -42.62 | -13.00 | -29.62 | MBW 1M | - |
| 1909.8MHz | Pass | 1.916G | 5G | 1M | 3M | Peak | 4.79646G | -40.84 | -13.00 | -27.84 | - | - |
| 1909.8MHz | Pass | 5G | 20G | 1M | 3M | Peak | 19.37375G | -31.69 | -13.00 | -18.69 | - | - |

