

# CommScope Technologies, LLC

## TEST REPORT

**SCOPE OF WORK**

EMISSIONS TESTING – RPM-A5A11-B02 with W/ 4G LTE and 5G nR waveforms With OneCell® RP5200

**REPORT NUMBER**

104915434BOX-001

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Non-Specific Radio Report Shell Rev. December 2017  
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## EMISSIONS TEST REPORT (FULL COMPLIANCE)

**Report Number:** 104915434BOX-001  
**Project Number:** G104915434

**Report Issue Date:** February 24, 2022  
**Report Revision Date:** March 30, 2022

**Model(s) Tested:** RPM-A5A11-B02 with W/ 4G LTE and 5G nR waveforms With OneCell® RP5200  
**Model(s) Partially Tested:** None  
**Model(s) Not Tested but declared equivalent by the client:** None

**Standards:** CFR47 FCC Part 24 (01/2022)

Tested by:  
Intertek Testing Services NA, Inc.  
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USA

Client:  
CommScope Technologies LLC  
900 Chelmsford St.  
Lowell, MA 01851  
USA

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## 1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 4.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

## 2 Test Summary

| Section | Test full name   | Result |
|---------|--|--------|
| 3       | Client Information   | --     |
| 4       | Description of Equipment Under Test and Variant Models                                   | --     |
| 5       | System Setup and Method  | --     |
| 6       | Maximum Conducted Output Power<br>CFR47 FCC 24.232(a-b)                                  | Pass   |
| 7       | Peak-to-Average Power Ratio (PAPR)<br>CFR47 FCC Part 24.232(d)                           | Pass   |
| 8       | 26 dB Bandwidth and Occupied Bandwidth<br>CFR47 FCC Parts 2.1049 and 24.238(b)           | Pass   |
| 9       | Band Edge Compliance<br>CFR47 FCC Parts 2.1051, 2.1053, and 24.238(a-b)                  | Pass   |
| 10      | Frequency Stability<br>CFR47 FCC Parts 2.1055 and 24.235                                 | Pass   |
| 11      | Transmitter Spurious Emissions<br>CFR47 FCC Parts 2.1051, 2.1053, 2.1057 and 24.238(a-b) | Pass   |
| 12      | Revision History   | --     |

### 3 Client Information

**This EUT was tested at the request of:**

**Client:** CommScope Technologies LLC  
900 Chelmsford St.  
Lowell, MA 01851  
USA

**Contact:** Zac Johnson  
**Telephone:** (978) 250-2678  
**Fax:** None  
**Email:** zac.johnson@commscope.com

### 4 Description of Equipment Under Test and Variant Models

**Manufacturer:** CommScope Telecommunications (China) Ltd.  
68 Su Hong Xi Lu, Suzhou Industrial Park.  
Suzhou, Jiangsu, 215021, China

| Equipment Under Test                                |                            |               |               |
|---|----------------------------|---------------|---------------|
| Description   | Manufacturer               | Model Number  | Serial Number |
| Band 2 Radio Module<br>With OneCell® RP5200<br>host | CommScope Technologies LLC | RPM-A5A11-B02 | 20488200004   |
| OneCell® RP5200                                     | CommScope Technologies LLC | RP-A52xxi     | 19361780004   |

|                            |            |
|----------------------------|------------|
| <b>Receive Date:</b>       | 01/19/2022 |
| <b>Received Condition:</b> | Good       |
| <b>Type:</b>               | Production |

#### Description of Equipment Under Test (provided by client)

The Radio Module is band specific using the Analog devices RF Agile Transceiver IC, AD936x. The device combines an RF front end with a flexible mixed-signal baseband section and integrated frequency synthesizers providing a configurable digital interface to the processor. The Radio Module also contains a band specific front end, band specific antenna and required power rails. All power rails required are derived from the 12 VDC bus supplied by the Baseband card. The reference frequency for the radio IC is 38.4 MHz is derived from the from an OCXO which is disciplined from a 1588 reference clock.

It supports bandwidths of 5, 10, 15, and 20 MHz with four modulations; TM1.1-QPSK, TM3.2-16QAM, TM3.1-64QAM, and TM3.1a-256QAM. The radio is fixed.

#### Description of Radio Host (provided by client)

The OneCell® RP5200 family is factory configurable with 2 – 4 Radios Modules mounted to a Baseband card. The same PCB's will be used in both indoor and outdoor version of the radio point. The device is fixed.

The baseband card is the host for the modular radios. It contains a two ethernet PHY's with one supporting 100M/1G/2.5G/5G/10G ethernet and the other supporting 100M/1G. The main processor is Zynlinx Ultrascale+ MPSoC with 2 GB DDR3 and 4 GB Flash memory. The baseband PCBA converts POE power to +12 VDC bus voltage require as input to the radio modules.

| Equipment Under Test Power Configuration |                       |                 |                  |
|--|-----------------------|-----------------|------------------|
| Rated Voltage                            | Rated Current         | Rated Frequency | Number of Phases |
| 48 VDC                                   | 0.960 mA per pair max | DC              | N/A              |

**Operating modes of the EUT:**

| No. | Descriptions of EUT Exercising  |
|-----|---|
| 1   | Pre-programmed to transmit at Low, Mid, and High channels at four different modulations, TM1.1-QPSK, TM3.2-16QAM, TM3.1-64QAM, and TM3.1a-256QAM. |

**Software used by the EUT:**

| No. | Descriptions of EUT Exercising |
|-----|--------------------------------|
| 1   | RP5200_Generic_1/18/2022       |
|     |                                |

| Radio/Receiver Characteristics                                    |  |
|---|--|
| <b>Frequency Band(s)</b>  | 1930-1990 MHz  |
| <b>Modulation Type(s)</b>   | TM1.1-QPSK, TM3.2-16QAM, TM3.1-64 QAM, TM3.1a-256QAM   |
| <b>Maximum Output Power (conducted):</b>                          | 23.30 dBm, Conducted (worst-case)  |
| <b>Test Channels</b>  | Low, Middle, High Channels of 5 MHz, 10 MHz, 15 MHz, and 20 MHz Bandwidths, Single Channel operation only  |
| <b>Occupied Bandwidth</b>   | 17.934 MHz (Worst-case)  |
| <b>MIMO Information (# of Transmit and Receive antenna ports)</b> | 2x2 MIMO using cross polarized antennas and uncorrelated data streams  |
| <b>Equipment Type</b>   | Module in a host   |
| <b>Antenna Type and Gain</b>                                      | Detachable Antenna: +4 dBi (as provided by the client. Intertek takes no responsibility for the accuracy of this information. Actual antenna gain will be determined at the time of licensing) |

**Variant Models:**

The following variant models were not tested as part of this evaluation, but have been identified by the manufacturer as being electrically identical models, depopulated models, or with reasonable similarity to the model(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

None

**5 System Setup and Method**

| Cables |                       |            |           |          |             |
|--------|-----------------------|------------|-----------|----------|-------------|
| ID     | Description           | Length (m) | Shielding | Ferrites | Termination |
| --     | LAN (POE Power Cable) | 2.17       | None      | None     | POE P/S     |
| --     | LAN (Communication)   | 9.00       | None      | None     | Laptop      |

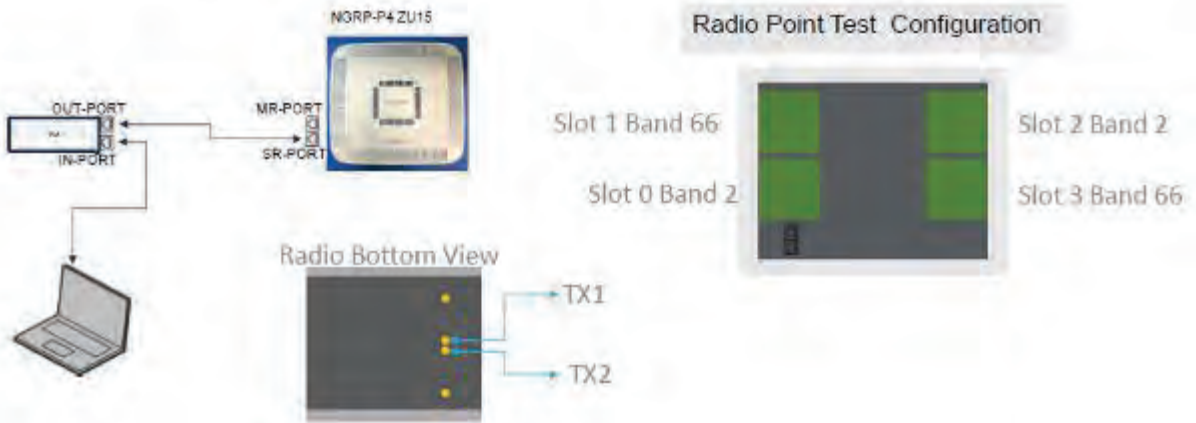
Notes: Longer cables were used to accommodate emission testing in the 10m Chamber.

| Support Equipment |                    |               |               |
|-------------------|--------------------|---------------|---------------|
| Description       | Manufacturer       | Model Number  | Serial Number |
| POE Power Supply  | Sifos Technologies | PDA-604A      | 604A0107      |
| Laptop            | Dell               | Latitude 3520 | None          |

**5.1 Method:**

Configuration as required by ANSI C63.26-2015, KDB 662911, and CFR47 FCC Part 24 (12/2021).

**5.2 EUT Block Diagram:**



**6 Maximum Conducted Output Power**

**6.1 Method**

Tests are performed in accordance with CFR47 FCC Parts 2.1046 and 24, KDB662911, and ANSI C63.26 Section 5.2.4.4.

**TEST SITE:** EMC Lab

**The EMC Lab** has one Semi-anechoic Chamber and one Shielded Chamber. AC Mains Power is available at 120, 230, and 277 Single Phase; 208, 400, and 480 3-Phase. Large reference ground-planes are installed in the general lab area to facilitate EMC work not requiring a shielded environment.

**6.2 Test Equipment Used:**

| Asset           | Description                        | Manufacturer       | Model      | Serial      | Cal Date   | Cal Due    |
|-----------------|------------------------------------|--------------------|------------|-------------|------------|------------|
| DAV005'         | Weather Station                    | Davis              | 6250       | MS191218083 | 02/07/2021 | 02/07/2022 |
| ROS005-1'       | Signal and Spectrum Analyzer       | Rohde and Schwartz | FSW43      | 100646      | 11/02/2021 | 11/02/2022 |
| CEN001'         | DC-40GHz attenuator 20dB           | Centric RF         | C411-20    | CEN001      | 01/26/2022 | 01/26/2023 |
| CBLHF2012-2M-2' | 2m 9kHz-40GHz Coaxial Cable - SET2 | Huber & Suhner     | SF102      | 252675002   | 02/10/2021 | 02/10/2022 |
| MIN26           | 50Watt 20dB attenuator             | Mini Circuits      | BW-N20W50+ | VY573711721 | 07/23/2021 | 07/23/2022 |

**Software Utilized:**

| Name | Manufacturer | Version |
|------|--------------|---------|
| None | --           | --      |

**6.3 Results:**

The maximum EIRP output power was measured to be 27.3 dBm, which is much less than the EIRP limit of 24.232(a-b). The sample tested was found to Comply. Antenna gain limitations will depend on geographical locations and Height Above Average Terrain (HAAT). Output power from the two antenna ports was not summed since the data streams are uncorrelated and the antennas are cross polarized.



**Limits:**

§24.232(a-b):

(a)(1) Base stations with an emission bandwidth of 1 MHz or less are limited to 1640 watts equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.

(2) Base stations with an emission bandwidth greater than 1 MHz are limited to 1640 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.

(3) Base station antenna heights may exceed 300 meters HAAT with a corresponding reduction in power; see Tables 1 and 2 of this section.

(4) The service area boundary limit and microwave protection criteria specified in §§24.236 and 24.237 apply.

**TABLE 1—REDUCED POWER FOR BASE STATION ANTENNA HEIGHTS OVER 300 METERS, WITH EMISSION BANDWIDTH OF 1 MHz OR LESS**

| HAAT in meters | Maximum EIRP watts |
|----------------|--------------------|
| ≤300           | 1640               |
| ≤500           | 1070               |
| ≤1000          | 490                |
| ≤1500          | 270                |
| ≤2000          | 160                |

**TABLE 2—REDUCED POWER FOR BASE STATION ANTENNA HEIGHTS OVER 300 METERS, WITH EMISSION BANDWIDTH GREATER THAN 1 MHz**

| HAAT in meters | Maximum EIRP watts/MHz |
|----------------|------------------------|
| ≤300           | 1640                   |
| ≤500           | 1070                   |
| ≤1000          | 490                    |
| ≤1500          | 270                    |
| ≤2000          | 160                    |

(b)(1) Base stations that are located in counties with population densities of 100 persons or fewer per square mile, based upon the most recently available population statistics from the Bureau of the Census, with an emission bandwidth of 1 MHz or less are limited to 3280 watts equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT.

(2) Base stations that are located in counties with population densities of 100 persons or fewer per square mile, based upon the most recently available population statistics from the Bureau of the Census, with an emission bandwidth greater than 1 MHz are limited to 3280 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT.

(3) Base station antenna heights may exceed 300 meters HAAT with a corresponding reduction in power; see Tables 3 and 4 of this section.

(4) The service area boundary limit and microwave protection criteria specified in §§24.236 and 24.237 apply.

(5) Operation under this paragraph (b) at power limits greater than permitted under paragraph (a) of this section must be coordinated in advance with all broadband PCS licensees authorized to operate on adjacent frequency blocks within 120 kilometers (75 miles) of the base station and is limited to base stations located more than 120 kilometers (75 miles) from the Canadian border and more than 75 kilometers (45 miles) from the Mexican border.

**TABLE 3—REDUCED POWER FOR BASE STATION ANTENNA HEIGHTS OVER 300 METERS, WITH EMISSION BANDWIDTH OF 1 MHz OR LESS**

| HAAT in meters | Maximum EIRP watts |
|----------------|--------------------|
| ≤300           | 3280               |
| ≤500           | 2140               |
| ≤1000          | 980                |
| ≤1500          | 540                |
| ≤2000          | 320                |

**TABLE 4—REDUCED POWER FOR BASE STATION ANTENNA HEIGHTS OVER 300 METERS, WITH EMISSION BANDWIDTH GREATER THAN 1 MHz**

| HAAT in meters | Maximum EIRP watts/MHz |
|----------------|------------------------|
| ≤300           | 3280                   |
| ≤500           | 2140                   |
| ≤1000          | 980                    |
| ≤1500          | 540                    |
| ≤2000          | 320                    |

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### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM1.1-QPSK (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.50                        | 25.5       | 62.15            | -36.65           |
|         |                 | ANT1         | 22.13                        | 26.13      | 62.15            | -36.02           |
| Mid     | 1960.00         | ANT0         | 21.79                        | 25.79      | 62.15            | -36.36           |
|         |                 | ANT1         | 23.04                        | 27.04      | 62.15            | -35.11           |
| High    | 1987.50         | ANT0         | 22.34                        | 26.34      | 62.15            | -35.81           |
|         |                 | ANT1         | 22.96                        | 26.96      | 62.15            | -35.19           |

### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM1.1-QPSK (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 21.76                        | 25.76      | 62.15            | -36.39           |
|         |                 | ANT1         | 22.50                        | 26.50      | 62.15            | -35.65           |
| Mid     | 1960.00         | ANT0         | 21.75                        | 25.75      | 62.15            | -36.4            |
|         |                 | ANT1         | 22.74                        | 26.74      | 62.15            | -35.41           |
| High    | 1985.00         | ANT0         | 22.22                        | 26.22      | 62.15            | -35.93           |
|         |                 | ANT1         | 23.04                        | 27.04      | 62.15            | -35.11           |

### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM1.1-QPSK (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.04                        | 26.04      | 62.15            | -36.11           |
|         |                 | ANT1         | 22.58                        | 26.58      | 62.15            | -35.57           |
| Mid     | 1960.00         | ANT0         | 22.05                        | 26.05      | 62.15            | -36.10           |
|         |                 | ANT1         | 23.10                        | 27.10      | 62.15            | -35.05           |
| High    | 1982.50         | ANT0         | 22.33                        | 26.33      | 62.15            | -35.82           |
|         |                 | ANT1         | 23.25                        | 27.25      | 62.15            | -34.90           |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM1.1-QPSK (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 21.15                        | 25.15      | 62.15            | -37.00           |
|         |                 | ANT1         | 21.80                        | 25.80      | 62.15            | -36.35           |
| Mid     | 1960.00         | ANT0         | 20.64                        | 24.64      | 62.15            | -37.51           |
|         |                 | ANT1         | 21.71                        | 25.71      | 62.15            | -36.44           |
| High    | 1980.00         | ANT0         | 21.34                        | 25.34      | 62.15            | -36.81           |
|         |                 | ANT1         | 22.27                        | 26.27      | 62.15            | -35.88           |

### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.2-16QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.70                        | 25.70      | 62.15            | -36.45           |
|         |                 | ANT1         | 22.41                        | 26.41      | 62.15            | -35.74           |
| Mid     | 1960.00         | ANT0         | 21.85                        | 25.85      | 62.15            | -36.30           |
|         |                 | ANT1         | 22.96                        | 26.96      | 62.15            | -35.19           |
| High    | 1987.50         | ANT0         | 22.02                        | 26.02      | 62.15            | -36.13           |
|         |                 | ANT1         | 22.90                        | 26.90      | 62.15            | -35.25           |

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### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.2-16QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 22.52                        | 26.52      | 62.15            | -35.63           |
|         |                 | ANT1         | 22.00                        | 26.00      | 62.15            | -36.15           |
| Mid     | 1960.00         | ANT0         | 21.91                        | 25.91      | 62.15            | -36.24           |
|         |                 | ANT1         | 23.00                        | 27.00      | 62.15            | -35.15           |
| High    | 1985.00         | ANT0         | 21.93                        | 25.93      | 62.15            | -36.22           |
|         |                 | ANT1         | 22.92                        | 26.92      | 62.15            | -35.23           |

### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.2-16QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.35                        | 26.35      | 62.15            | -35.80           |
|         |                 | ANT1         | 23.16                        | 27.16      | 62.15            | -34.99           |
| Mid     | 1960.00         | ANT0         | 21.82                        | 25.82      | 62.15            | -36.33           |
|         |                 | ANT1         | 23.09                        | 27.09      | 62.15            | -35.06           |
| High    | 1982.50         | ANT0         | 22.02                        | 26.02      | 62.15            | -36.13           |
|         |                 | ANT1         | 23.25                        | 27.25      | 62.15            | -34.90           |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 21.13                        | 25.13      | 62.15            | -37.02           |
|         |                 | ANT1         | 21.80                        | 25.80      | 62.15            | -36.35           |
| Mid     | 1960.00         | ANT0         | 20.66                        | 24.66      | 62.15            | -37.49           |
|         |                 | ANT1         | 21.70                        | 25.70      | 62.15            | -36.45           |
| High    | 1980.00         | ANT0         | 21.04                        | 25.04      | 62.15            | -37.11           |
|         |                 | ANT1         | 22.32                        | 26.32      | 62.15            | -35.83           |

### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1-64QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.72                        | 25.72      | 62.15            | -36.43           |
|         |                 | ANT1         | 22.37                        | 26.37      | 62.15            | -35.78           |
| Mid     | 1960.00         | ANT0         | 23.12                        | 27.12      | 62.15            | -35.03           |
|         |                 | ANT1         | 22.37                        | 26.37      | 62.15            | -35.78           |
| High    | 1987.50         | ANT0         | 22.76                        | 26.76      | 62.15            | -35.39           |
|         |                 | ANT1         | 22.29                        | 26.29      | 62.15            | -35.86           |

### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1-64QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 22.50                        | 26.50      | 62.15            | -35.65           |
|         |                 | ANT1         | 21.97                        | 25.97      | 62.15            | -36.18           |
| Mid     | 1960.00         | ANT0         | 21.67                        | 25.67      | 62.15            | -36.48           |
|         |                 | ANT1         | 22.72                        | 26.72      | 62.15            | -35.43           |
| High    | 1985.00         | ANT0         | 22.79                        | 26.79      | 62.15            | -35.36           |
|         |                 | ANT1         | 22.32                        | 26.32      | 62.15            | -35.83           |

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### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1-64QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.50                        | 26.50      | 62.15            | -35.65           |
|         |                 | ANT1         | 23.16                        | 27.16      | 62.15            | -34.99           |
| Mid     | 1960.00         | ANT0         | 21.83                        | 25.83      | 62.15            | -36.32           |
|         |                 | ANT1         | 23.07                        | 27.07      | 62.15            | -35.08           |
| High    | 1982.50         | ANT0         | 22.00                        | 26.00      | 62.15            | -36.15           |
|         |                 | ANT1         | 23.25                        | 27.25      | 62.15            | -34.9            |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1-64QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 21.15                        | 25.15      | 62.15            | -37.00           |
|         |                 | ANT1         | 21.80                        | 25.80      | 62.15            | -36.35           |
| Mid     | 1960.00         | ANT0         | 20.98                        | 24.98      | 62.15            | -37.17           |
|         |                 | ANT1         | 22.05                        | 26.05      | 62.15            | -36.10           |
| High    | 1980.00         | ANT0         | 21.52                        | 25.52      | 62.15            | -36.63           |
|         |                 | ANT1         | 22.26                        | 26.26      | 62.15            | -35.89           |

### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.55                        | 25.55      | 62.15            | -36.60           |
|         |                 | ANT1         | 22.38                        | 26.38      | 62.15            | -35.77           |
| Mid     | 1960.00         | ANT0         | 21.82                        | 25.82      | 62.15            | -36.33           |
|         |                 | ANT1         | 22.80                        | 26.80      | 62.15            | -35.35           |
| High    | 1987.50         | ANT0         | 22.37                        | 26.37      | 62.15            | -35.78           |
|         |                 | ANT1         | 23.00                        | 27.00      | 62.15            | -35.15           |

### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1a-256QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 21.92                        | 25.92      | 62.15            | -36.23           |
|         |                 | ANT1         | 22.47                        | 26.47      | 62.15            | -35.68           |
| Mid     | 1960.00         | ANT0         | 21.91                        | 25.91      | 62.15            | -36.24           |
|         |                 | ANT1         | 22.94                        | 26.94      | 62.15            | -35.21           |
| High    | 1985.00         | ANT0         | 21.90                        | 25.90      | 62.15            | -36.25           |
|         |                 | ANT1         | 22.83                        | 26.83      | 62.15            | -35.32           |

### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.500        | ANT0         | 22.35                        | 26.35      | 62.15            | -35.80           |
|         |                 | ANT1         | 22.94                        | 26.94      | 62.15            | -35.21           |
| Mid     | 1960.00         | ANT0         | 22.03                        | 26.03      | 62.15            | -36.12           |
|         |                 | ANT1         | 23.09                        | 27.09      | 62.15            | -35.06           |
| High    | 1982.50         | ANT0         | 22.34                        | 26.34      | 62.15            | -35.81           |
|         |                 | ANT1         | 23.25                        | 27.25      | 62.15            | -34.90           |

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## Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM (4G LTE)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940            | ANT0         | 20.97                        | 24.97      | 62.15            | -37.18           |
|         |                 | ANT1         | 21.79                        | 25.79      | 62.15            | -36.36           |
| Mid     | 1960            | ANT0         | 20.36                        | 24.36      | 62.15            | -37.79           |
|         |                 | ANT1         | 21.14                        | 25.14      | 62.15            | -37.01           |
| High    | 1980            | ANT0         | 21.37                        | 25.37      | 62.15            | -36.78           |
|         |                 | ANT1         | 22.26                        | 26.26      | 62.15            | -35.89           |

## Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM1.1-QPSK (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.54                        | 25.54      | 62.15            | -36.61           |
|         |                 | ANT1         | 22.40                        | 26.40      | 62.15            | -35.75           |
| Mid     | 1960.00         | ANT0         | 21.80                        | 25.80      | 62.15            | -36.35           |
|         |                 | ANT1         | 23.02                        | 27.02      | 62.15            | -35.13           |
| High    | 1987.50         | ANT0         | 22.02                        | 26.02      | 62.15            | -36.13           |
|         |                 | ANT1         | 22.83                        | 26.83      | 62.15            | -35.32           |

## Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM1.1-QPSK (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 22.48                        | 26.48      | 62.15            | -35.67           |
|         |                 | ANT1         | 21.94                        | 25.94      | 62.15            | -36.21           |
| Mid     | 1960.00         | ANT0         | 21.71                        | 25.71      | 62.15            | -36.44           |
|         |                 | ANT1         | 22.75                        | 26.75      | 62.15            | -35.40           |
| High    | 1985.00         | ANT0         | 22.85                        | 26.85      | 62.15            | -35.30           |
|         |                 | ANT1         | 21.92                        | 25.92      | 62.15            | -36.23           |

## Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM1.1-QPSK (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.37                        | 26.37      | 62.15            | -35.78           |
|         |                 | ANT1         | 23.14                        | 27.14      | 62.15            | -35.01           |
| Mid     | 1960.00         | ANT0         | 21.82                        | 25.82      | 62.15            | -36.33           |
|         |                 | ANT1         | 22.83                        | 26.83      | 62.15            | -35.32           |
| High    | 1982.50         | ANT0         | 22.06                        | 26.06      | 62.15            | -36.09           |
|         |                 | ANT1         | 23.29                        | 27.29      | 62.15            | -34.86           |

## Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM1.1-QPSK (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 21.8                         | 25.80      | 62.15            | -36.35           |
|         |                 | ANT1         | 21.14                        | 25.14      | 62.15            | -37.01           |
| Mid     | 1960.00         | ANT0         | 20.44                        | 24.44      | 62.15            | -37.71           |
|         |                 | ANT1         | 21.46                        | 25.46      | 62.15            | -36.69           |
| High    | 1980.00         | ANT0         | 21.03                        | 25.03      | 62.15            | -37.12           |
|         |                 | ANT1         | 22.06                        | 26.06      | 62.15            | -36.09           |

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### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.2-16QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.71                        | 25.71      | 62.15            | -36.44           |
|         |                 | ANT1         | 22.34                        | 26.34      | 62.15            | -35.81           |
| Mid     | 1960.00         | ANT0         | 21.75                        | 25.75      | 62.15            | -36.4            |
|         |                 | ANT1         | 23.04                        | 27.04      | 62.15            | -35.11           |
| High    | 1987.50         | ANT0         | 22.08                        | 26.08      | 62.15            | -36.07           |
|         |                 | ANT1         | 22.97                        | 26.97      | 62.15            | -35.18           |

### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.2-16QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 21.98                        | 25.98      | 62.15            | -36.17           |
|         |                 | ANT1         | 22.78                        | 26.78      | 62.15            | -35.37           |
| Mid     | 1960.00         | ANT0         | 21.93                        | 25.93      | 62.15            | -36.22           |
|         |                 | ANT1         | 22.97                        | 26.97      | 62.15            | -35.18           |
| High    | 1985.00         | ANT0         | 21.98                        | 25.98      | 62.15            | -36.17           |
|         |                 | ANT1         | 23.04                        | 27.04      | 62.15            | -35.11           |

### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.2-16QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.54                        | 26.54      | 62.15            | -35.61           |
|         |                 | ANT1         | 23.19                        | 27.19      | 62.15            | -34.96           |
| Mid     | 1960.00         | ANT0         | 21.87                        | 25.87      | 62.15            | -36.28           |
|         |                 | ANT1         | 23.10                        | 27.10      | 62.15            | -35.05           |
| High    | 1982.50         | ANT0         | 22.03                        | 26.03      | 62.15            | -36.12           |
|         |                 | ANT1         | 23.30                        | 27.30      | 62.15            | -34.85           |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 20.98                        | 24.98      | 62.15            | -37.17           |
|         |                 | ANT1         | 21.56                        | 25.56      | 62.15            | -36.59           |
| Mid     | 1960.00         | ANT0         | 20.56                        | 24.56      | 62.15            | -37.59           |
|         |                 | ANT1         | 21.63                        | 25.63      | 62.15            | -36.52           |
| High    | 1980.00         | ANT0         | 21.19                        | 25.19      | 62.15            | -36.96           |
|         |                 | ANT1         | 22.09                        | 26.09      | 62.15            | -36.06           |

### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1-64QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.54                        | 25.54      | 62.15            | -36.61           |
|         |                 | ANT1         | 22.39                        | 26.39      | 62.15            | -35.76           |
| Mid     | 1960.00         | ANT0         | 21.99                        | 25.99      | 62.15            | -36.16           |
|         |                 | ANT1         | 23.01                        | 27.01      | 62.15            | -35.14           |
| High    | 1987.50         | ANT0         | 22.31                        | 26.31      | 62.15            | -35.84           |
|         |                 | ANT1         | 22.98                        | 26.98      | 62.15            | -35.17           |

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### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1-64QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 21.98                        | 25.98      | 62.15            | -36.17           |
|         |                 | ANT1         | 22.50                        | 26.50      | 62.15            | -35.65           |
| Mid     | 1960.00         | ANT0         | 21.91                        | 25.91      | 62.15            | -36.24           |
|         |                 | ANT1         | 22.98                        | 26.98      | 62.15            | -35.17           |
| High    | 1985.00         | ANT0         | 21.96                        | 25.96      | 62.15            | -36.19           |
|         |                 | ANT1         | 22.87                        | 26.87      | 62.15            | -35.28           |

### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1-64QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.50         | ANT0         | 22.4                         | 26.40      | 62.15            | -35.75           |
|         |                 | ANT1         | 23.16                        | 27.16      | 62.15            | -34.99           |
| Mid     | 1960.00         | ANT0         | 21.86                        | 25.86      | 62.15            | -36.29           |
|         |                 | ANT1         | 23.13                        | 27.13      | 62.15            | -35.02           |
| High    | 1982.50         | ANT0         | 22.36                        | 26.36      | 62.15            | -35.79           |
|         |                 | ANT1         | 23.26                        | 27.26      | 62.15            | -34.89           |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1-64QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940.00         | ANT0         | 21.67                        | 25.67      | 62.15            | -36.48           |
|         |                 | ANT1         | 21.01                        | 25.01      | 62.15            | -37.14           |
| Mid     | 1960.00         | ANT0         | 20.51                        | 24.51      | 62.15            | -37.64           |
|         |                 | ANT1         | 21.57                        | 25.57      | 62.15            | -36.58           |
| High    | 1980.00         | ANT0         | 22.10                        | 26.10      | 62.15            | -36.05           |
|         |                 | ANT1         | 21.21                        | 25.21      | 62.15            | -36.94           |

### Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1932.50         | ANT0         | 21.53                        | 25.53      | 62.15            | -36.62           |
|         |                 | ANT1         | 22.12                        | 26.12      | 62.15            | -36.03           |
| Mid     | 1960.00         | ANT0         | 21.78                        | 25.78      | 62.15            | -36.37           |
|         |                 | ANT1         | 22.78                        | 26.78      | 62.15            | -35.37           |
| High    | 1987.50         | ANT0         | 22.33                        | 26.33      | 62.15            | -35.82           |
|         |                 | ANT1         | 22.96                        | 26.96      | 62.15            | -35.19           |

### Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1a-256QAM

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1935.00         | ANT0         | 22.08                        | 26.08      | 62.15            | -36.07           |
|         |                 | ANT1         | 22.73                        | 26.73      | 62.15            | -35.42           |
| Mid     | 1960.00         | ANT0         | 23.05                        | 27.05      | 62.15            | -35.10           |
|         |                 | ANT1         | 22.97                        | 26.97      | 62.15            | -35.18           |
| High    | 1985.00         | ANT0         | 22.21                        | 26.21      | 62.15            | -35.94           |
|         |                 | ANT1         | 23.03                        | 27.03      | 62.15            | -35.12           |



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### Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM (5G nR)

| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1937.500        | ANT0         | 20.81                        | 24.81      | 62.15            | -37.34           |
|         |                 | ANT1         | 21.37                        | 25.37      | 62.15            | -36.78           |
| Mid     | 1960.00         | ANT0         | 20.4                         | 24.40      | 62.15            | -37.75           |
|         |                 | ANT1         | 21.64                        | 25.64      | 62.15            | -36.51           |
| High    | 1982.50         | ANT0         | 20.87                        | 24.87      | 62.15            | -37.28           |
|         |                 | ANT1         | 21.99                        | 25.99      | 62.15            | -36.16           |

### Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM (5G nR)

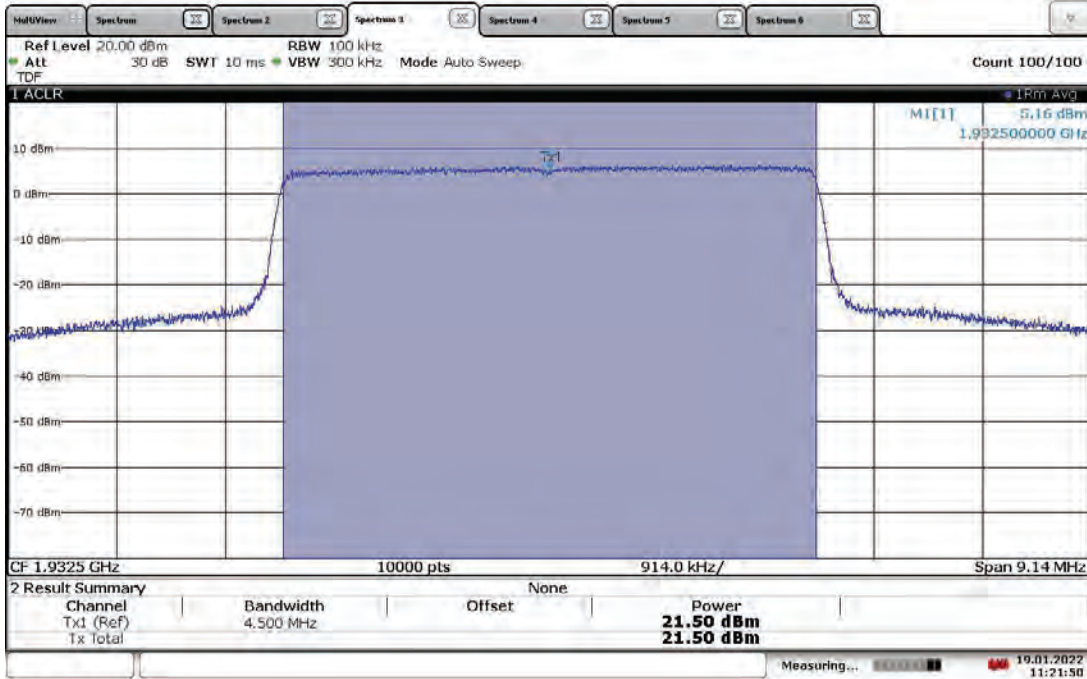
| Channel | Frequency (MHz) | Antenna Port | Conducted Output Power (dBm) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|---------|-----------------|--------------|------------------------------|------------|------------------|------------------|
| Low     | 1940            | ANT0         | 20.98                        | 24.98      | 62.15            | -37.17           |
|         |                 | ANT1         | 22.65                        | 26.65      | 62.15            | -35.50           |
| Mid     | 1960            | ANT0         | 20.34                        | 24.34      | 62.15            | -37.81           |
|         |                 | ANT1         | 21.38                        | 25.38      | 62.15            | -36.77           |
| High    | 1980            | ANT0         | 20.78                        | 24.78      | 62.15            | -37.37           |
|         |                 | ANT1         | 21.68                        | 25.68      | 62.15            | -36.47           |

**6.4 Setup Photograph:**

Confidential – Photos not included in this report

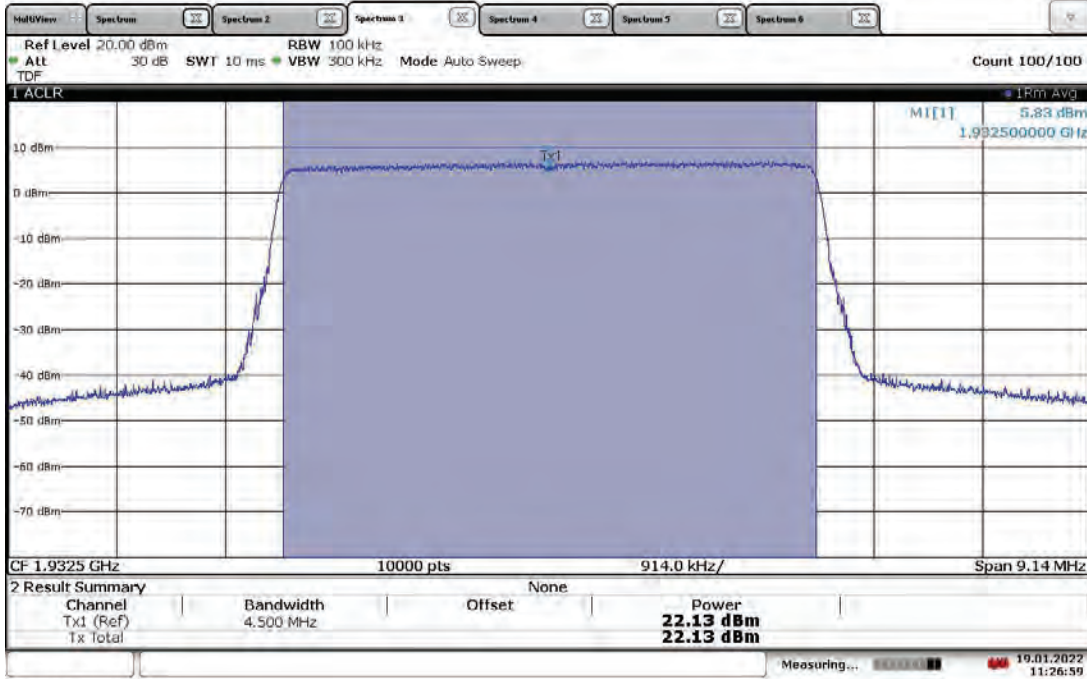
6.5 Plots/Data:

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.50 dBm**



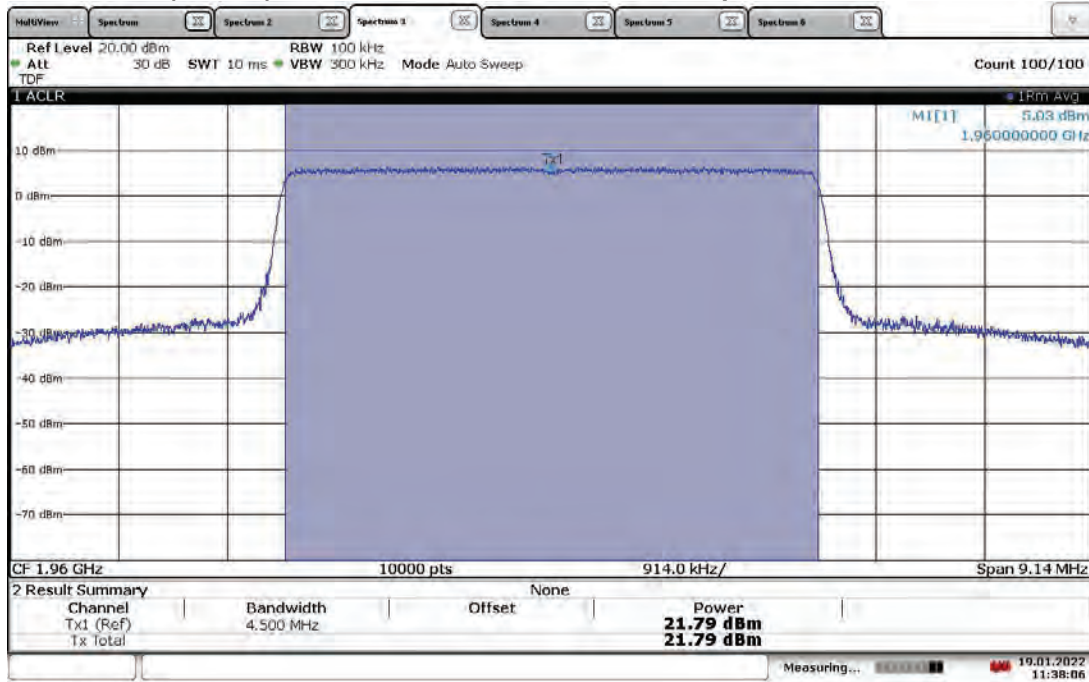
11:21:50 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.13 dBm**



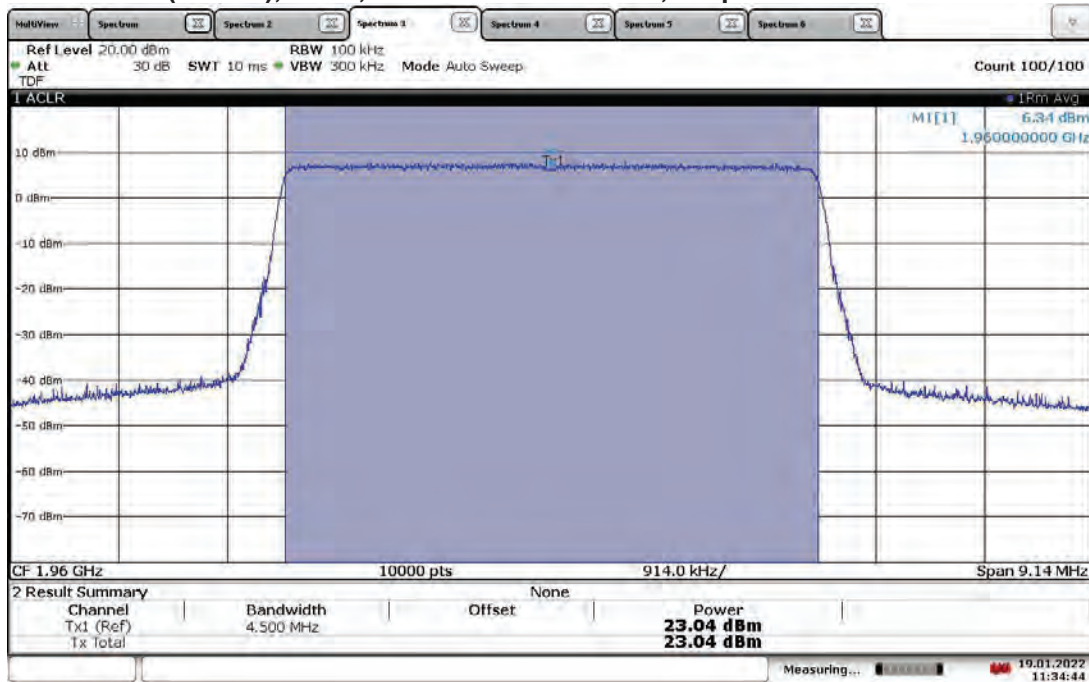
11:27:00 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.79 dBm**



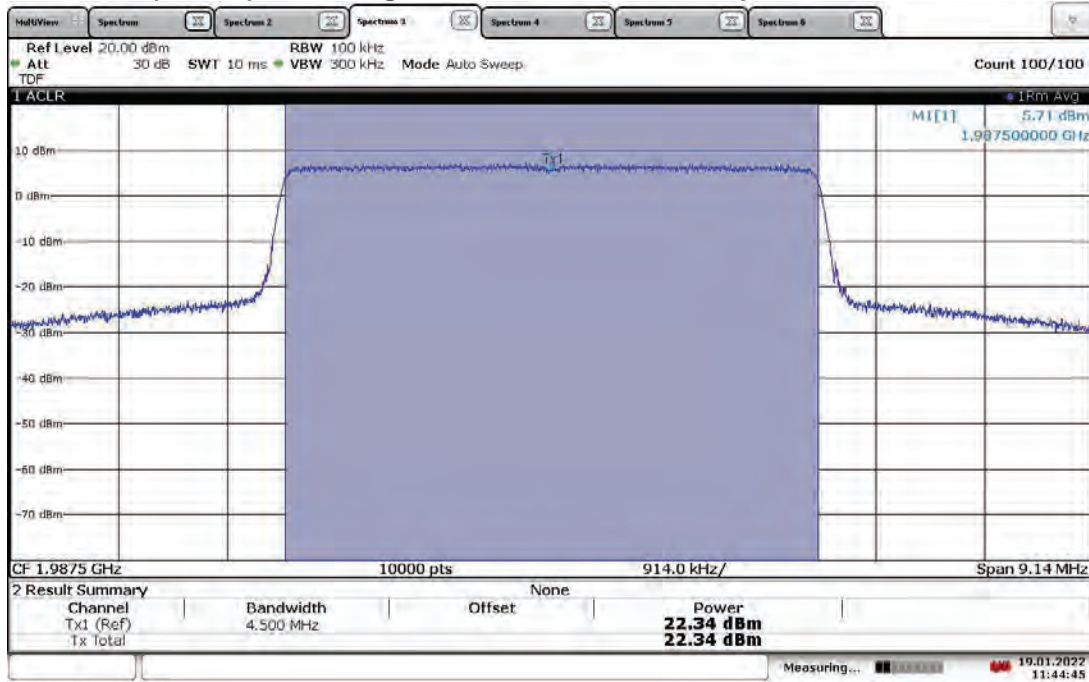
11:38:07 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.04 dBm**



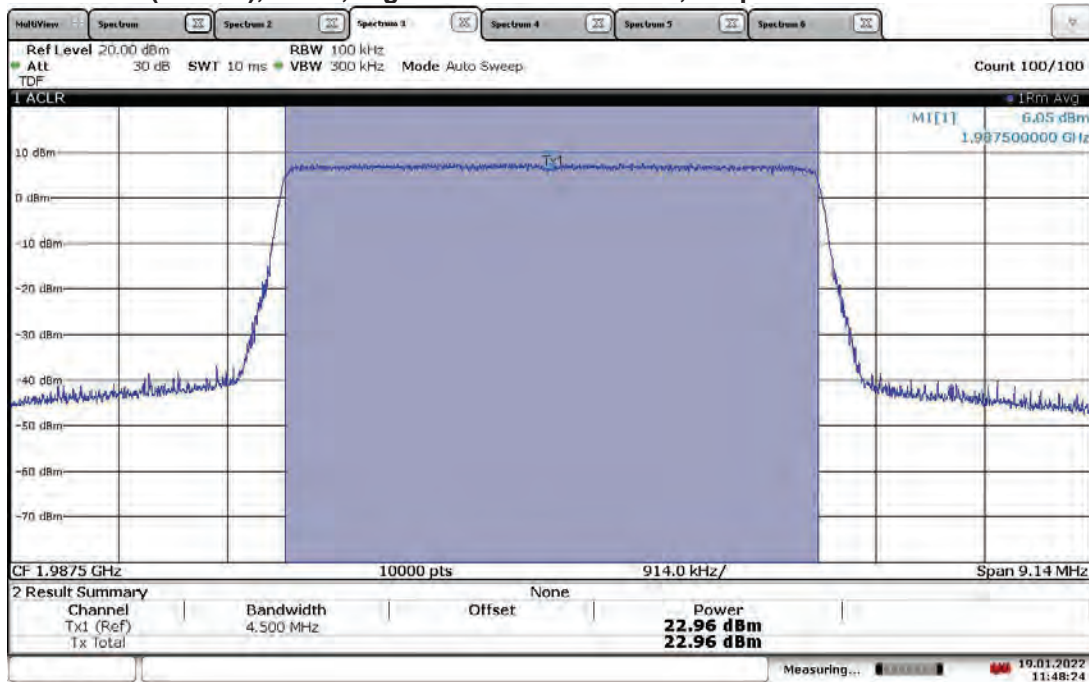
11:34:45 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1987.5 MHz, Output Power = 22.34 dBm**



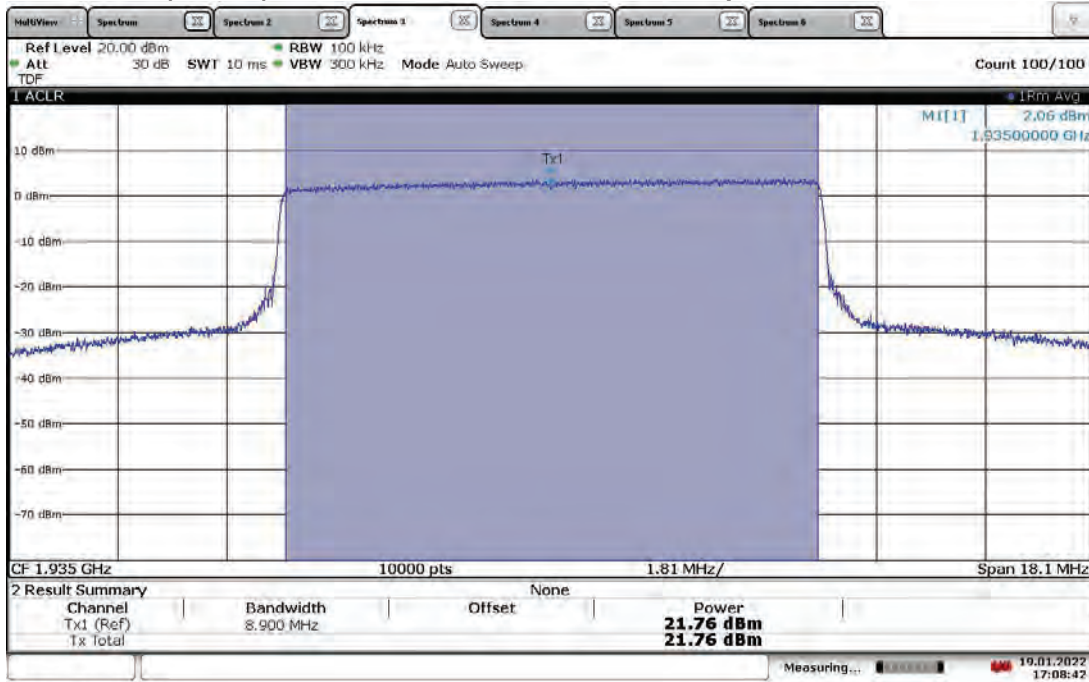
11:44:45 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1987.5 MHz, Output Power = 22.96 dBm**



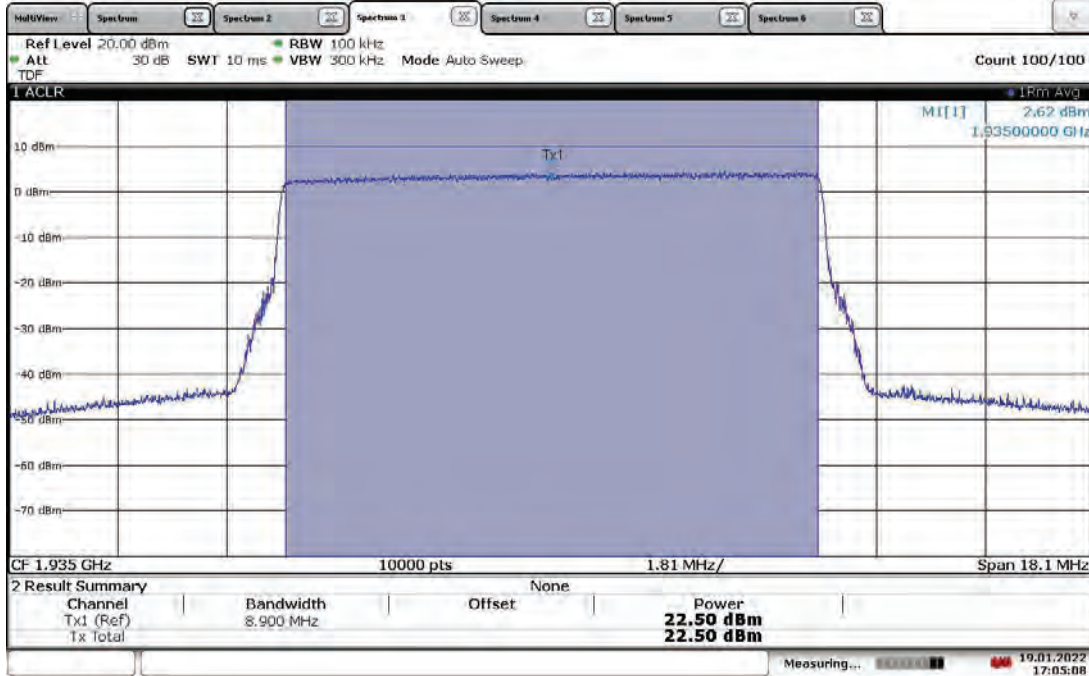
11:48:24 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, Output Power = 21.76 dBm**



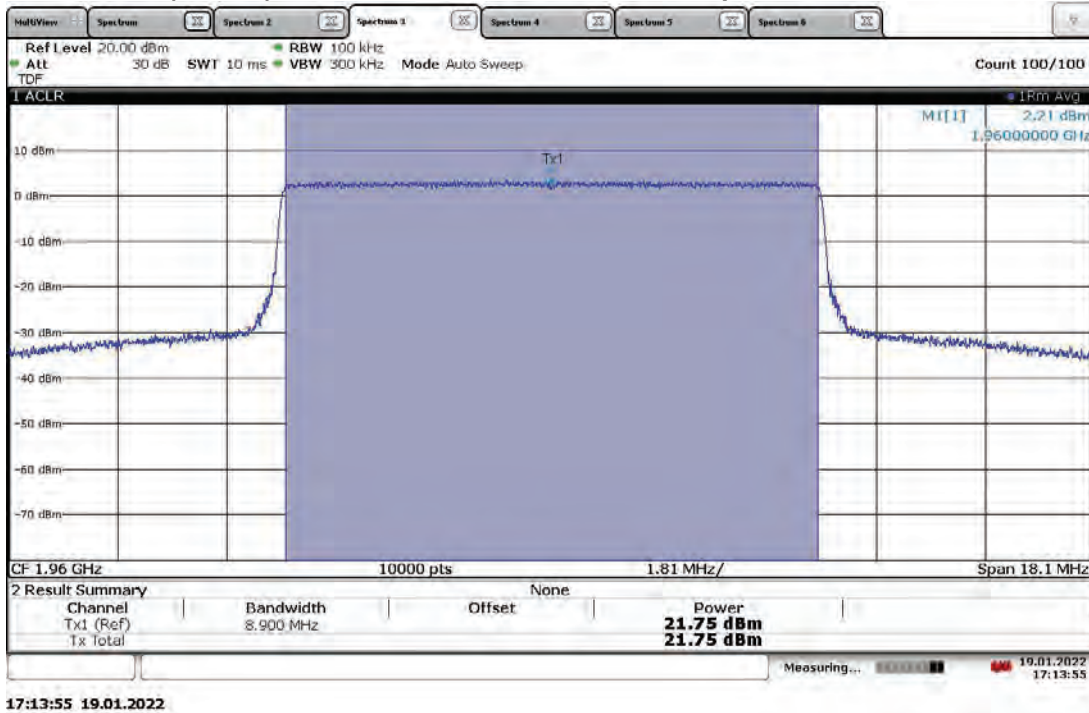
17:08:43 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, Output Power = 22.50 dBm**

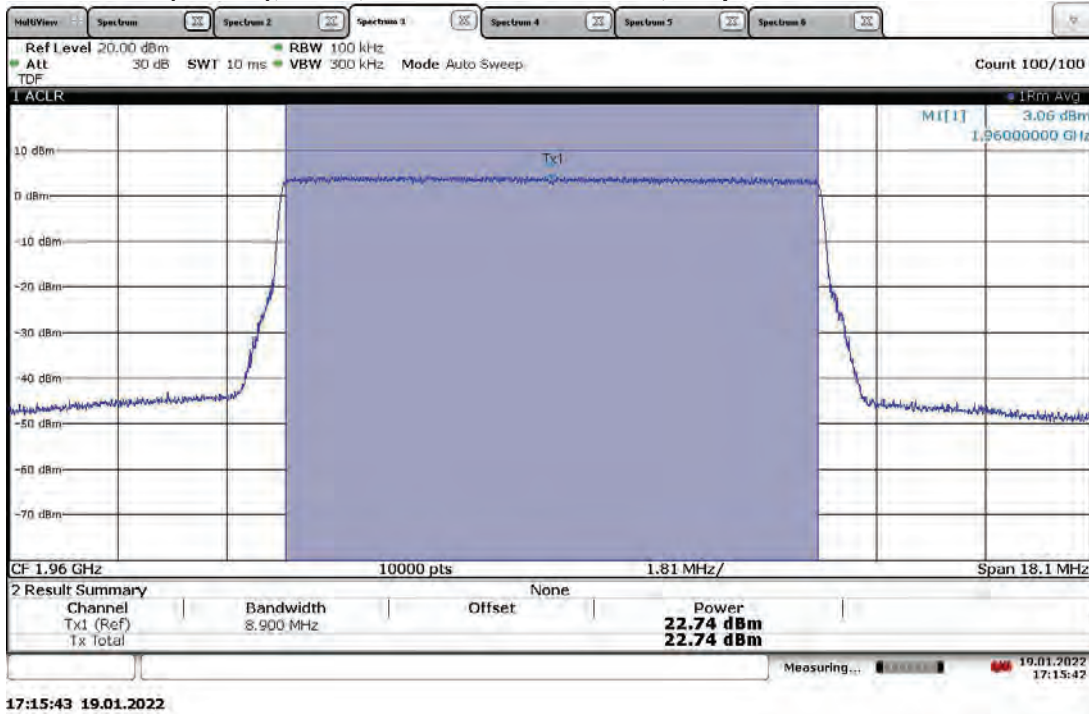


17:05:09 19.01.2022

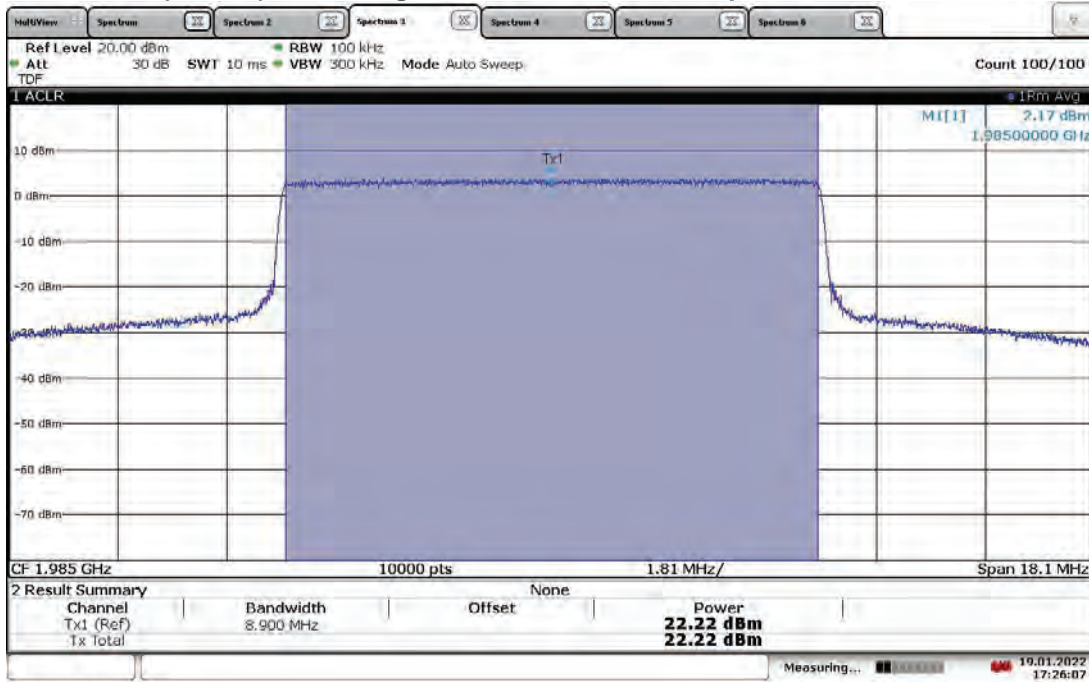
**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.75 dBm**



**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.74 dBm**

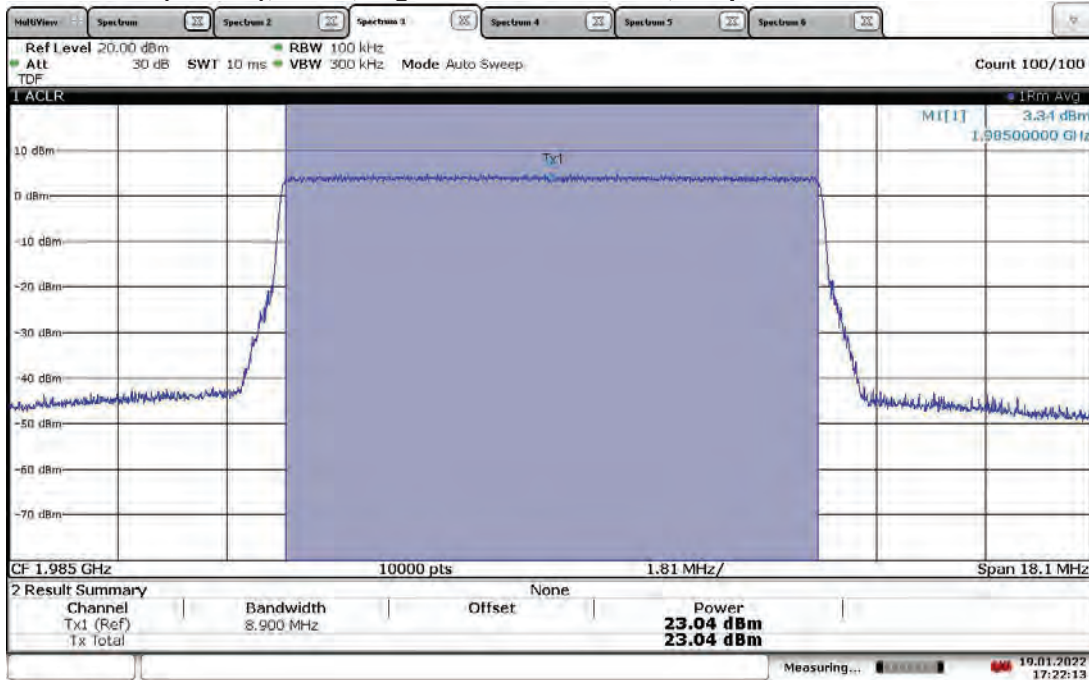


**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, Output Power = 22.22 dBm**



17:26:07 19.01.2022

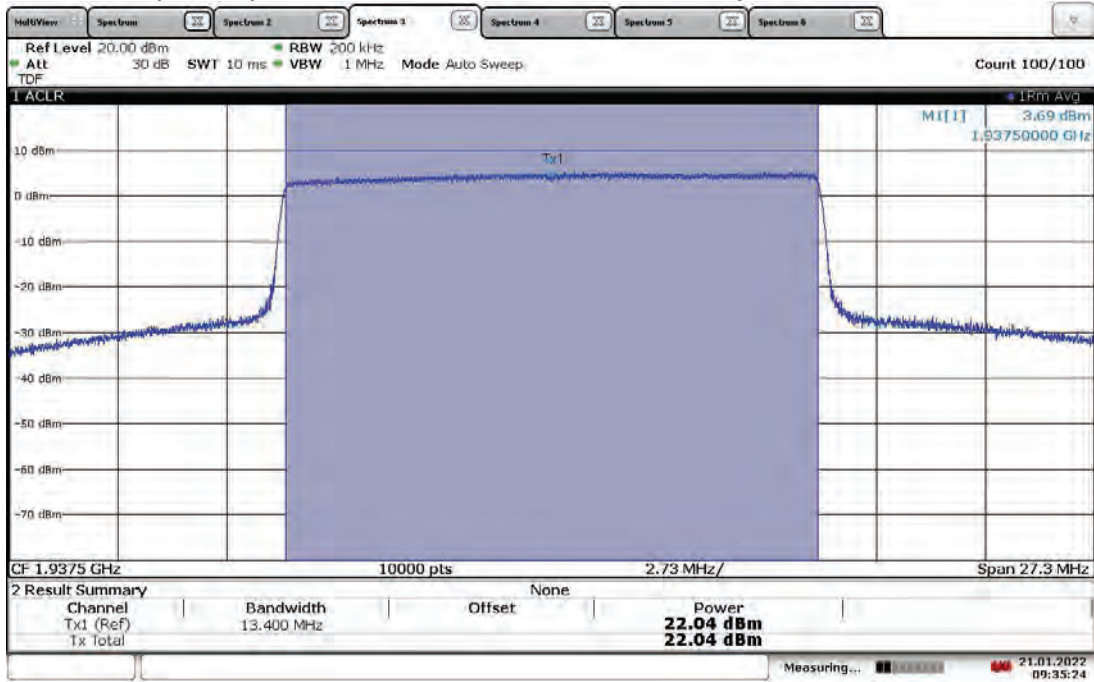
**TM1.1-QPSK\_10 MHz Bandwidth**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, Output Power = 23.04 dBm**



17:22:14 19.01.2022

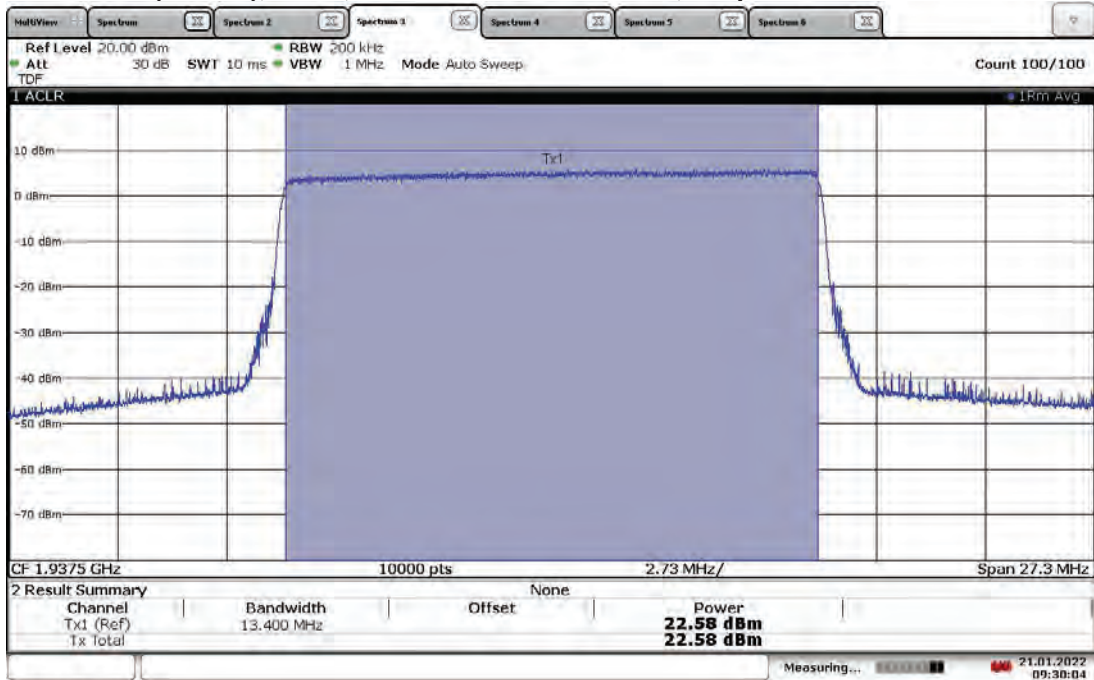


**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, Output Power = 22.04 dBm**



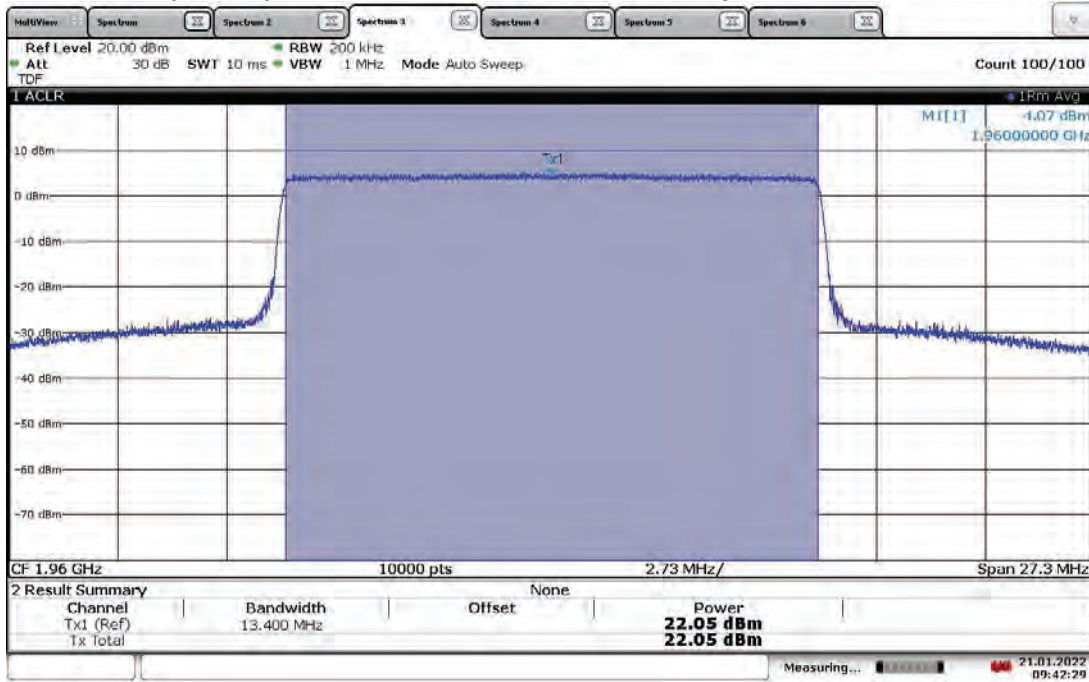
09:35:24 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, Output Power = 22.58 dBm**



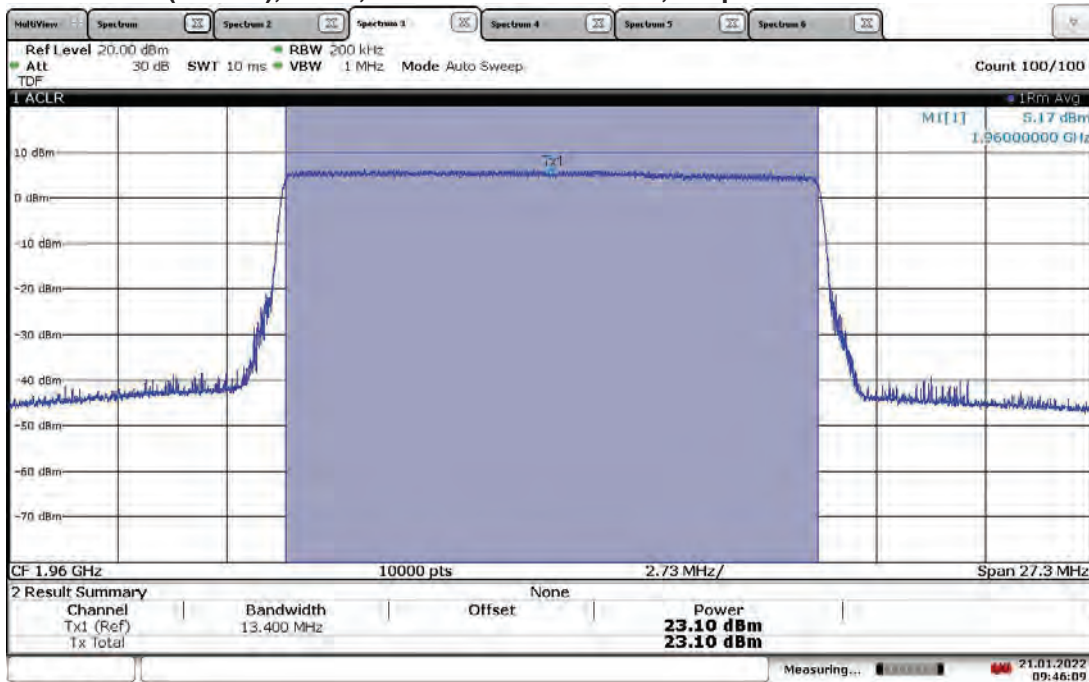
09:30:04 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 22.05 dBm**



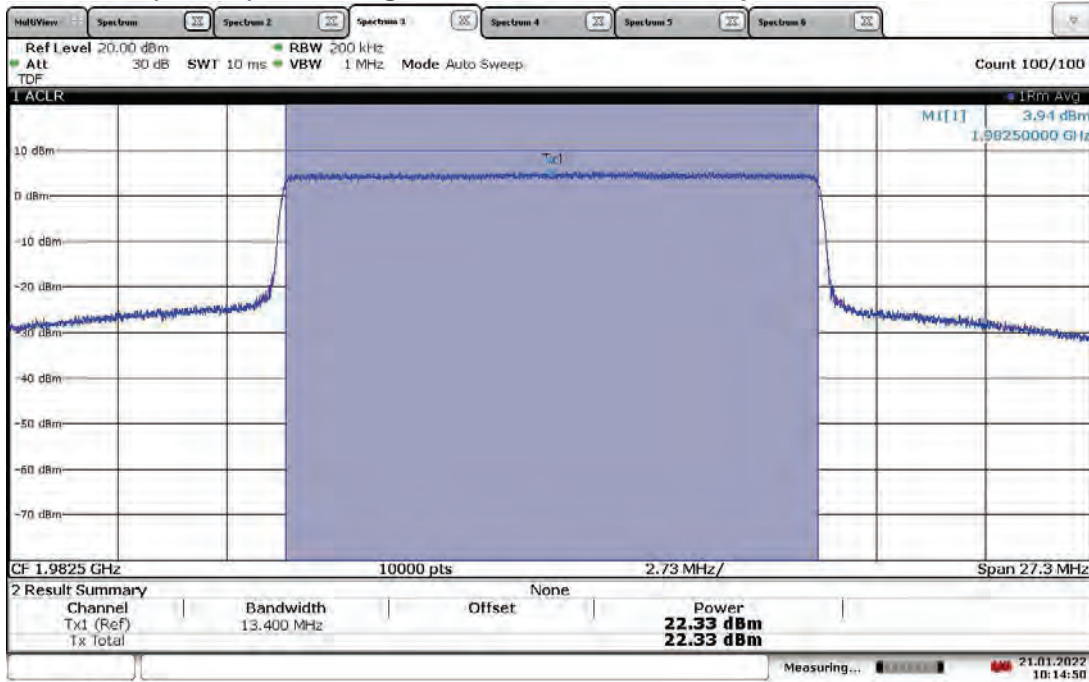
09:42:30 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.10 dBm**



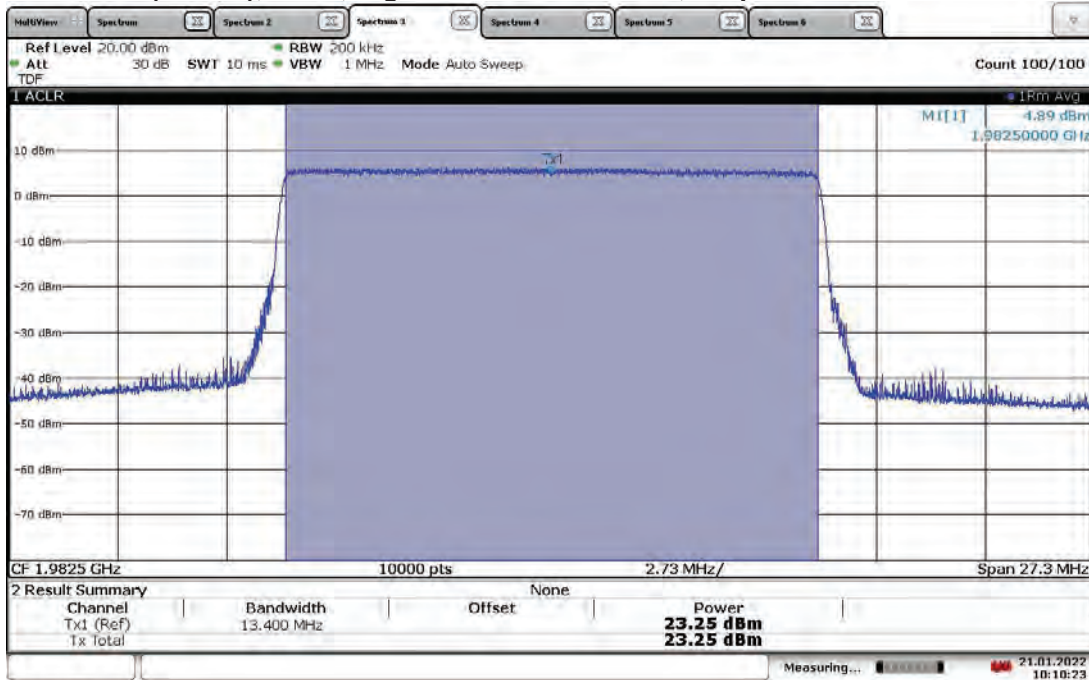
09:46:10 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1982.5 MHz, Output Power = 22.33 dBm**



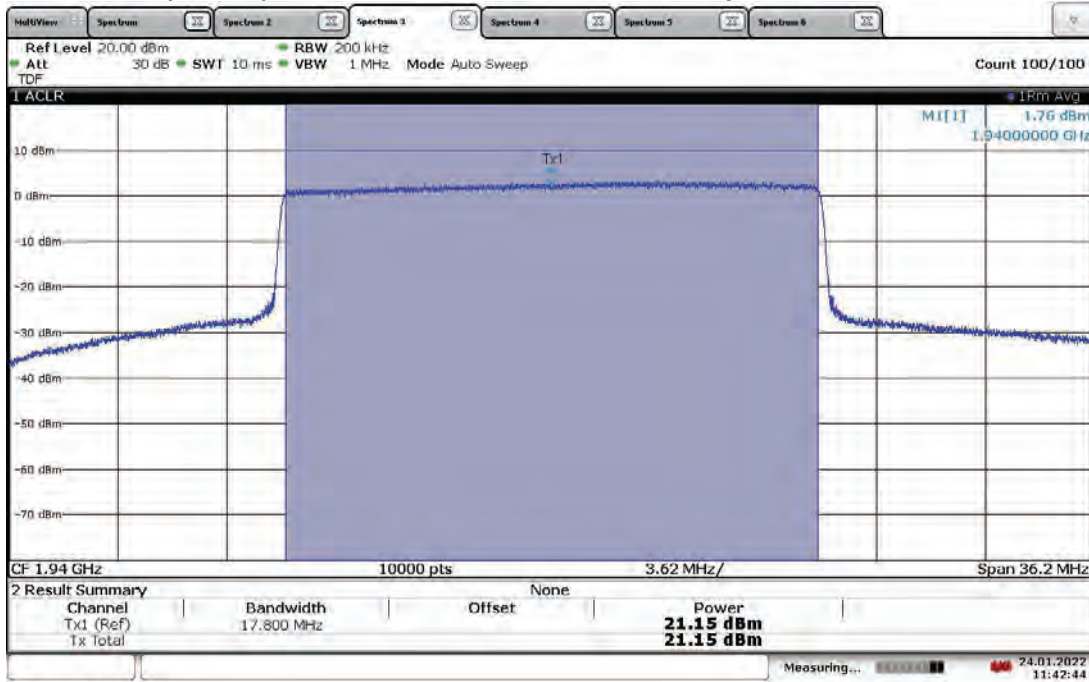
10:14:50 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, Output Power = 23.25 dBm**



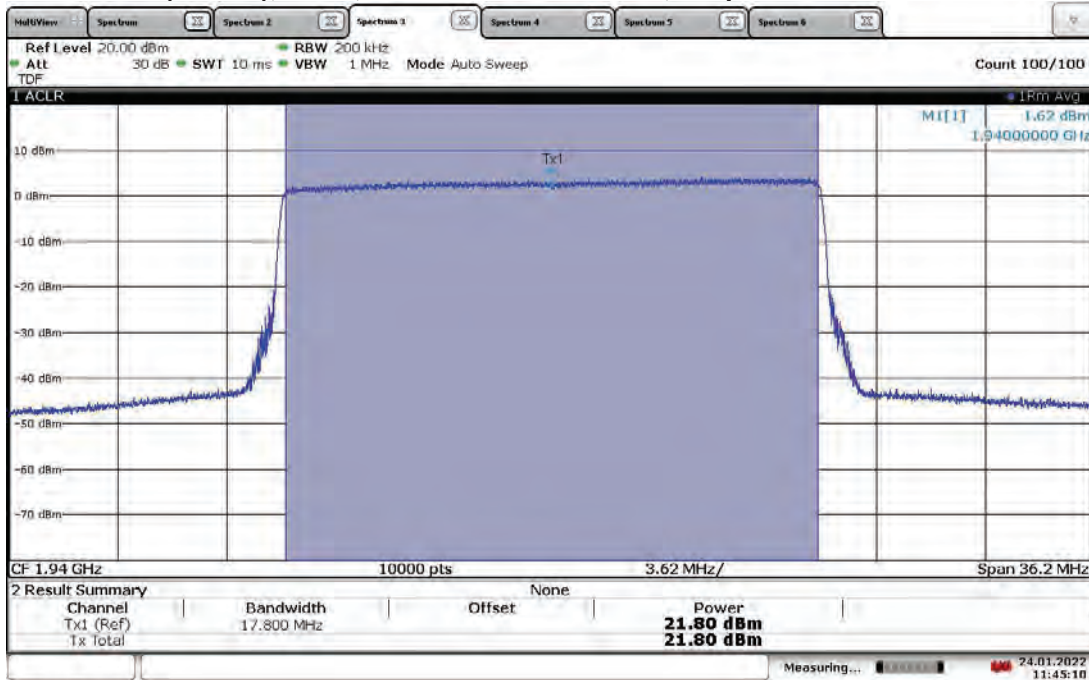
10:10:23 21.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, Output Power = 21.15 dBm**



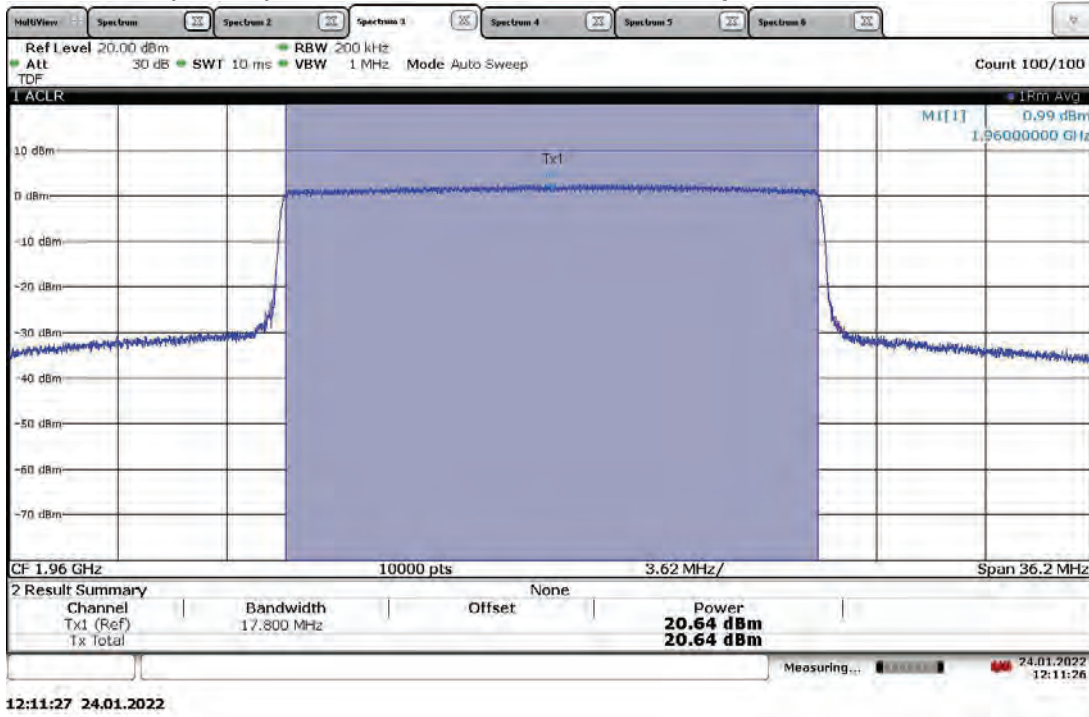
11:42:44 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, Output Power = 21.80 dBm**

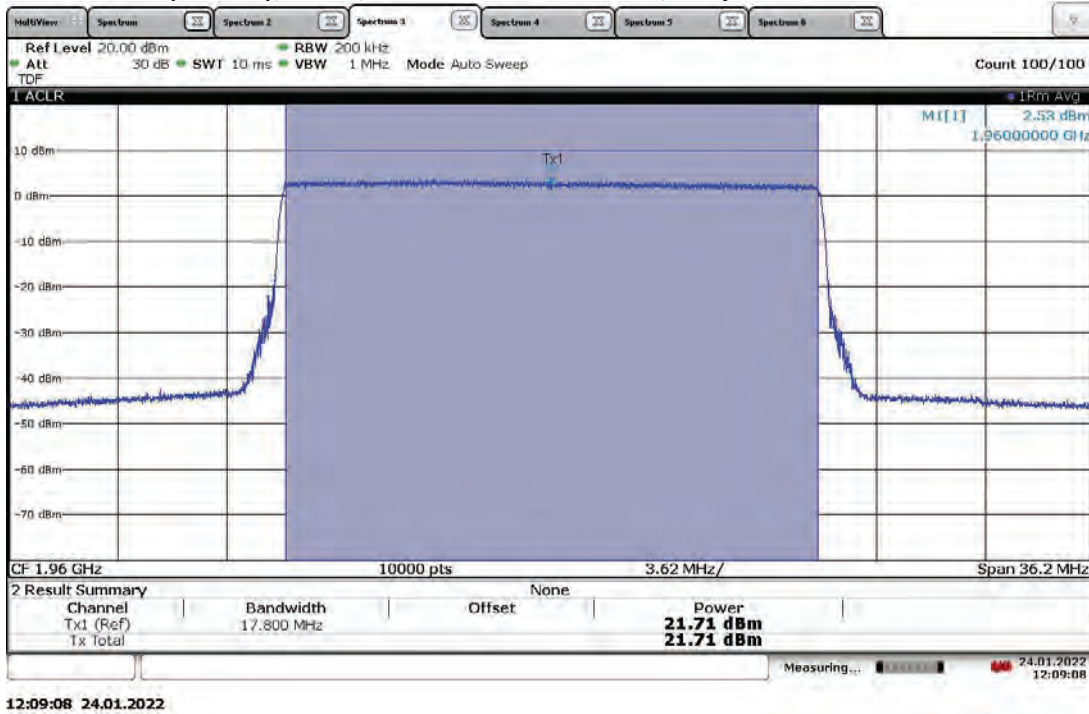


11:45:10 24.01.2022

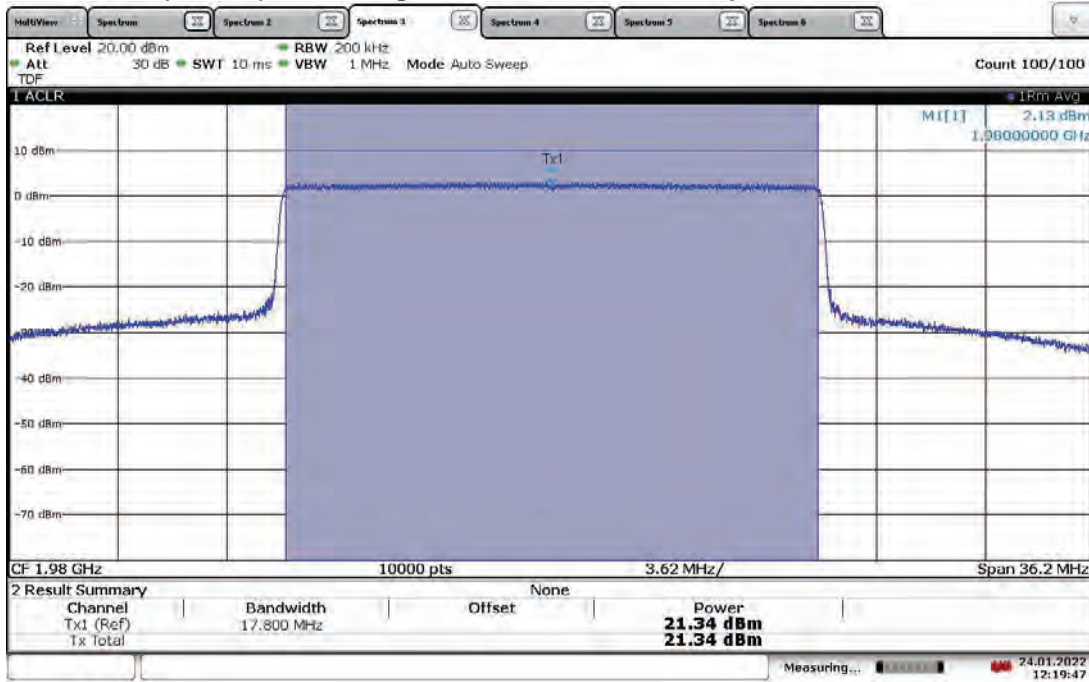
**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 20.64 dBm**



**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 21.71 dBm**

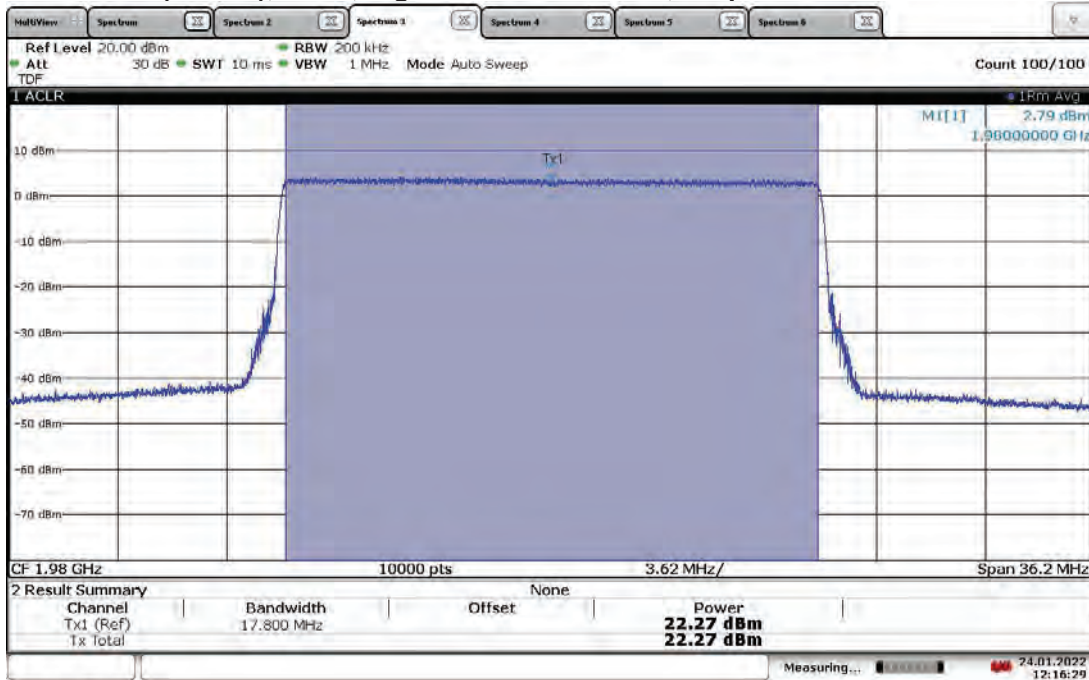


**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1980 MHz, Output Power = 21.34 dBm**



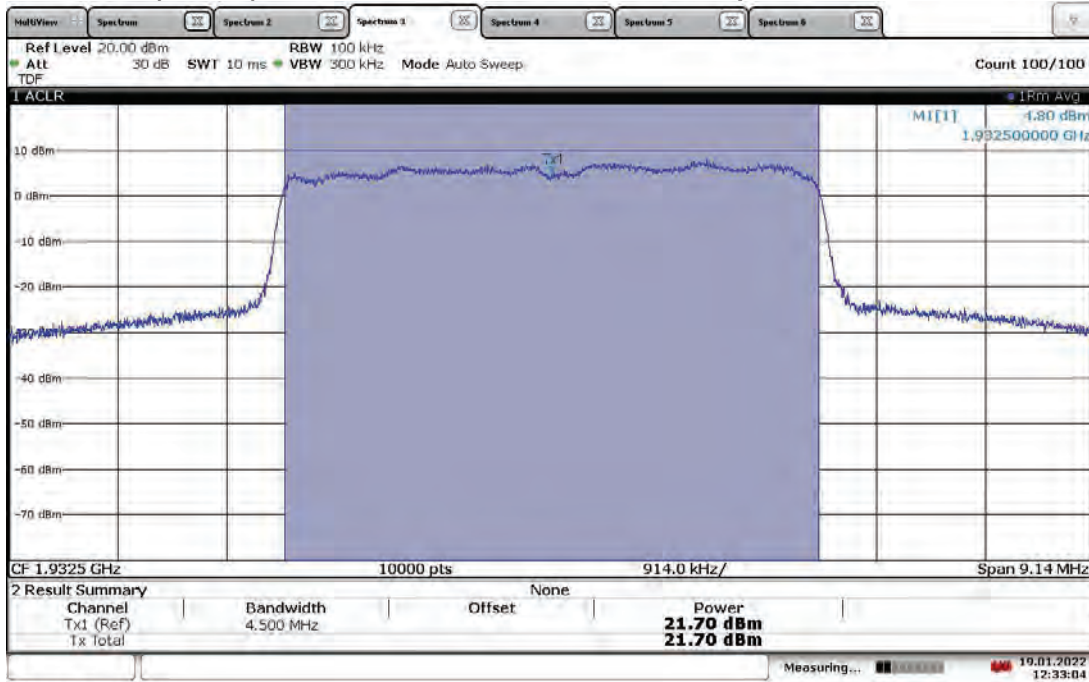
12:19:48 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1980 MHz, Output Power = 22.27 dBm**



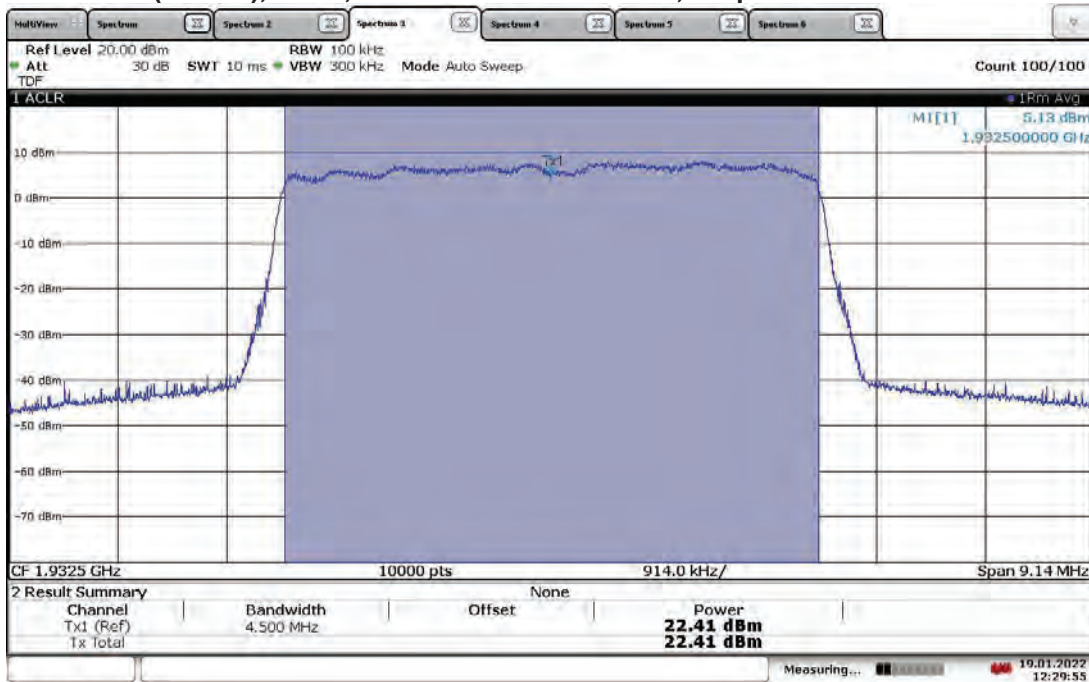
12:16:29 24.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.70 dBm**



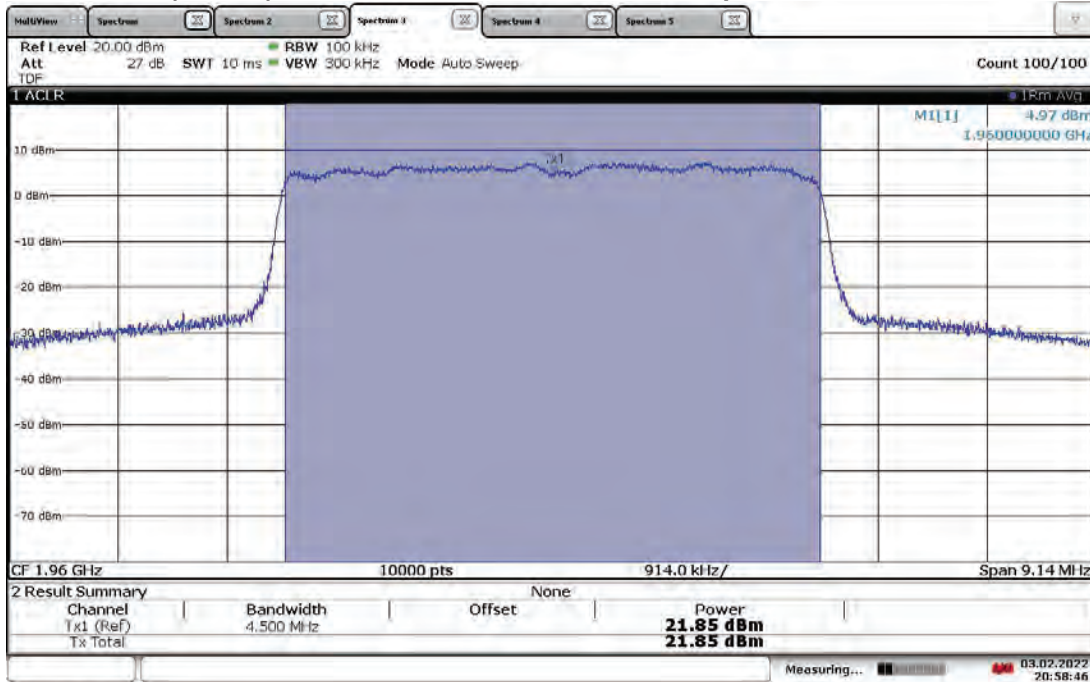
12:33:05 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.41 dBm**



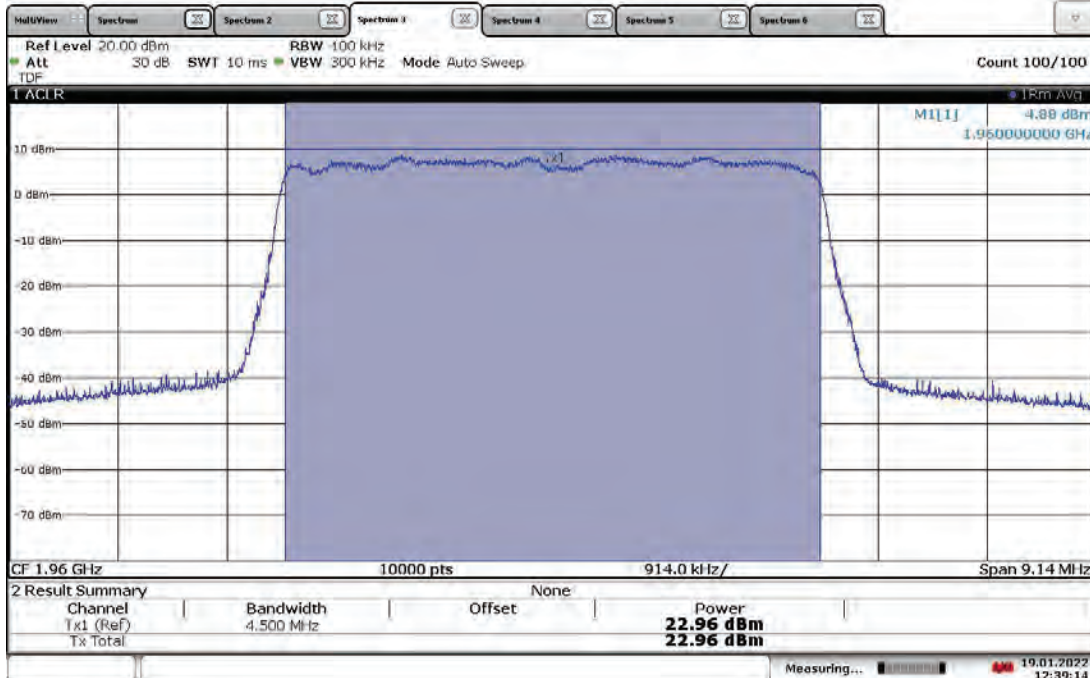
12:29:56 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.85 dBm**



20:58:47 03.02.2022

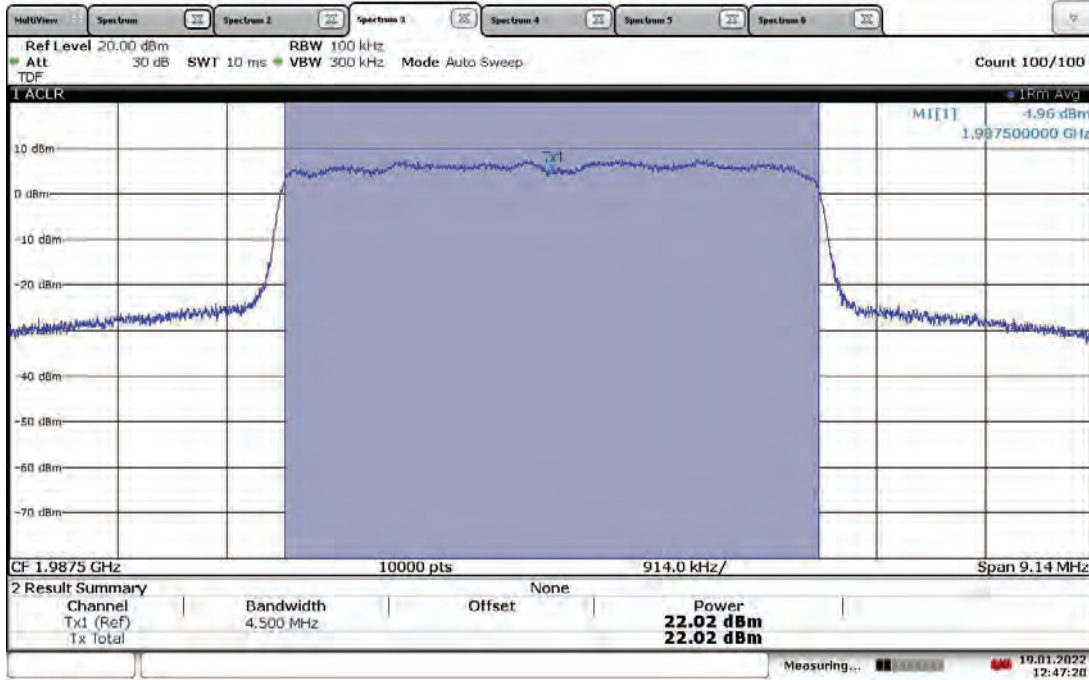
**TM3.2-16QAM\_5 MHz Bandwidth**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.96 dBm**



12:39:14 19.01.2022

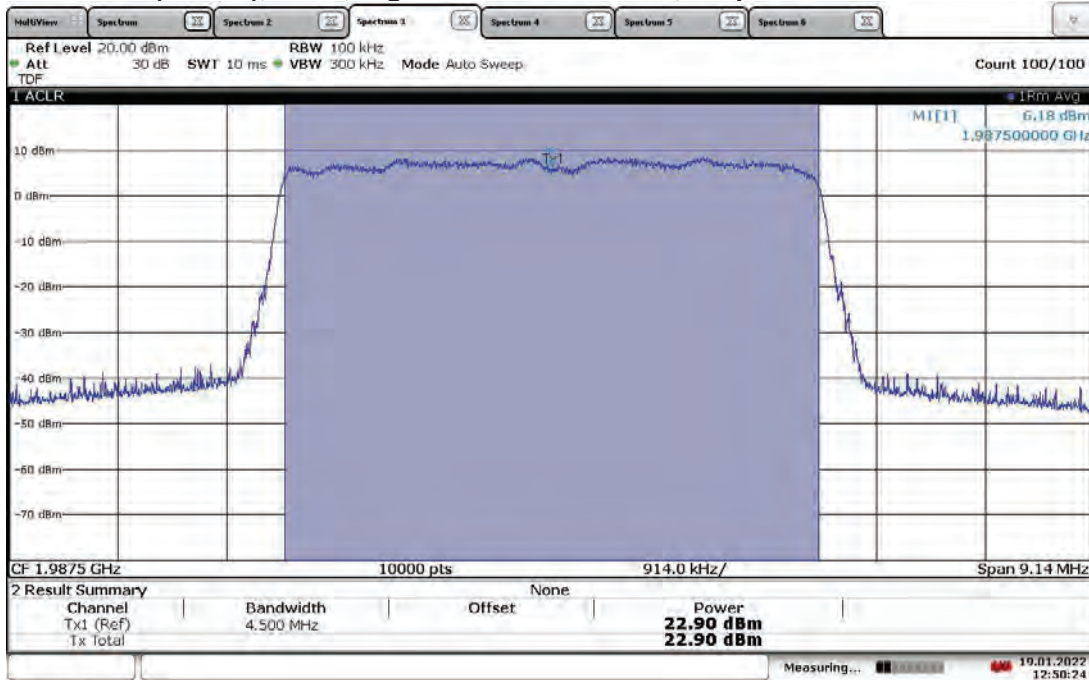


**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1987.5 MHz, Output Power = 22.02 dBm**



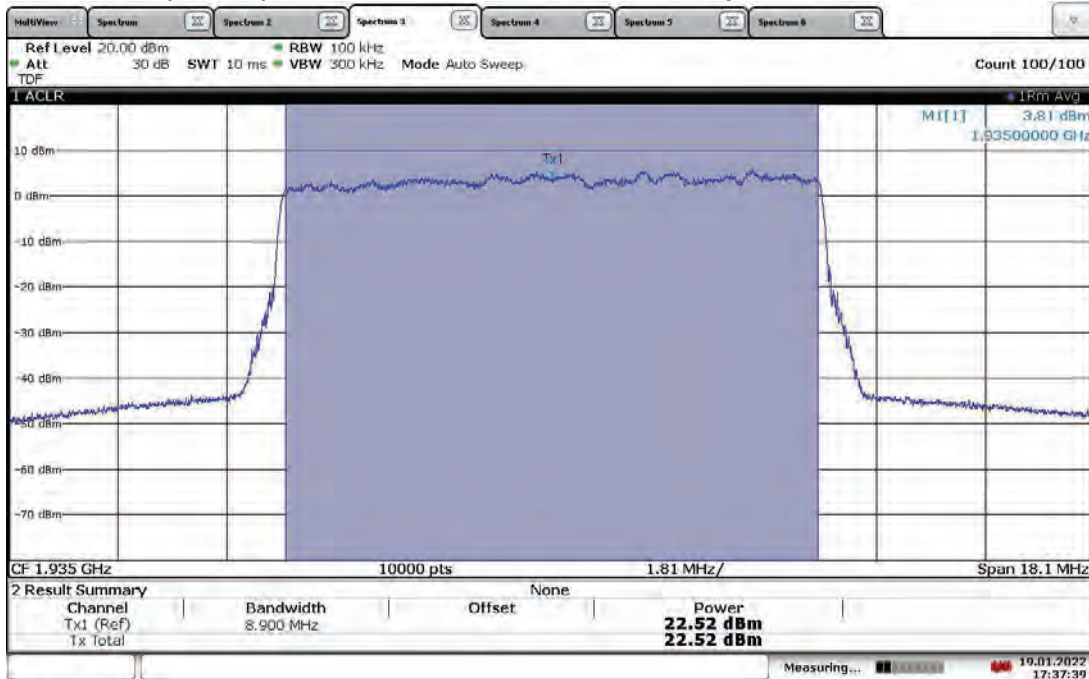
12:47:20 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1987.5MHz, Output Power = 22.90 dBm**

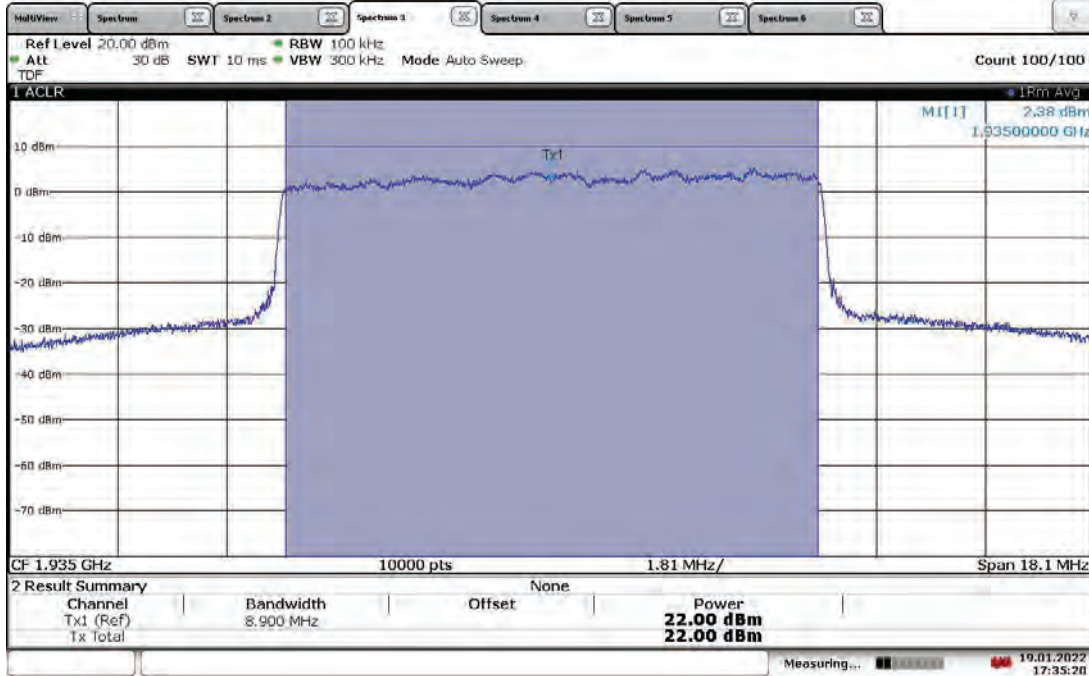


12:50:24 19.01.2022

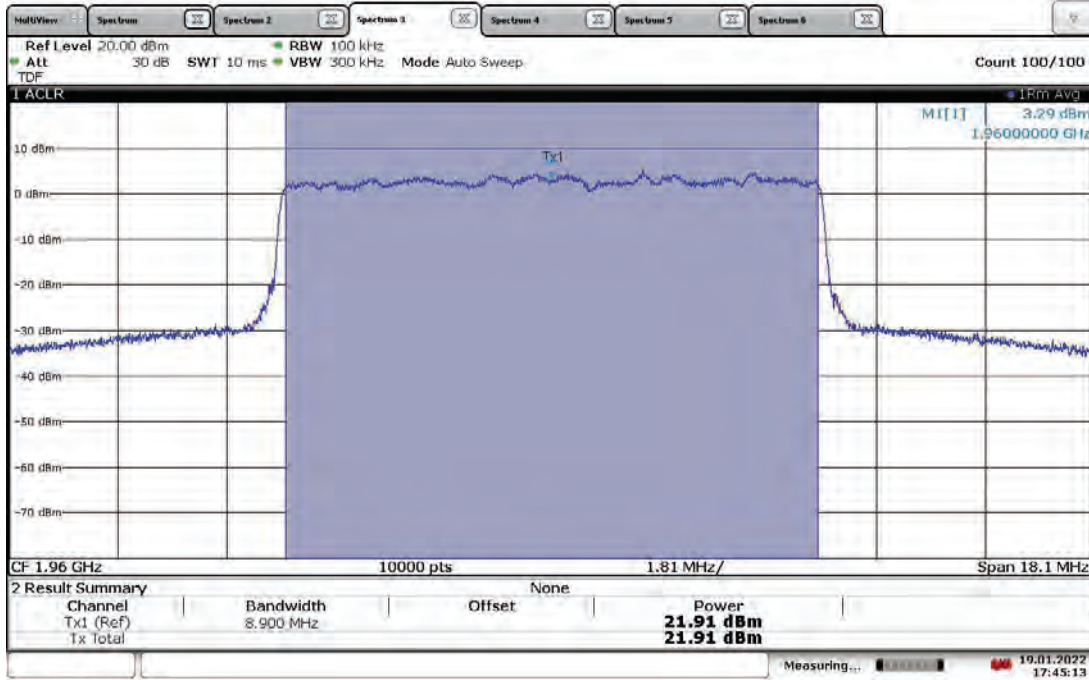
**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, Output Power = 22.52 dBm**



**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, Output Power = 22.00 dBm**

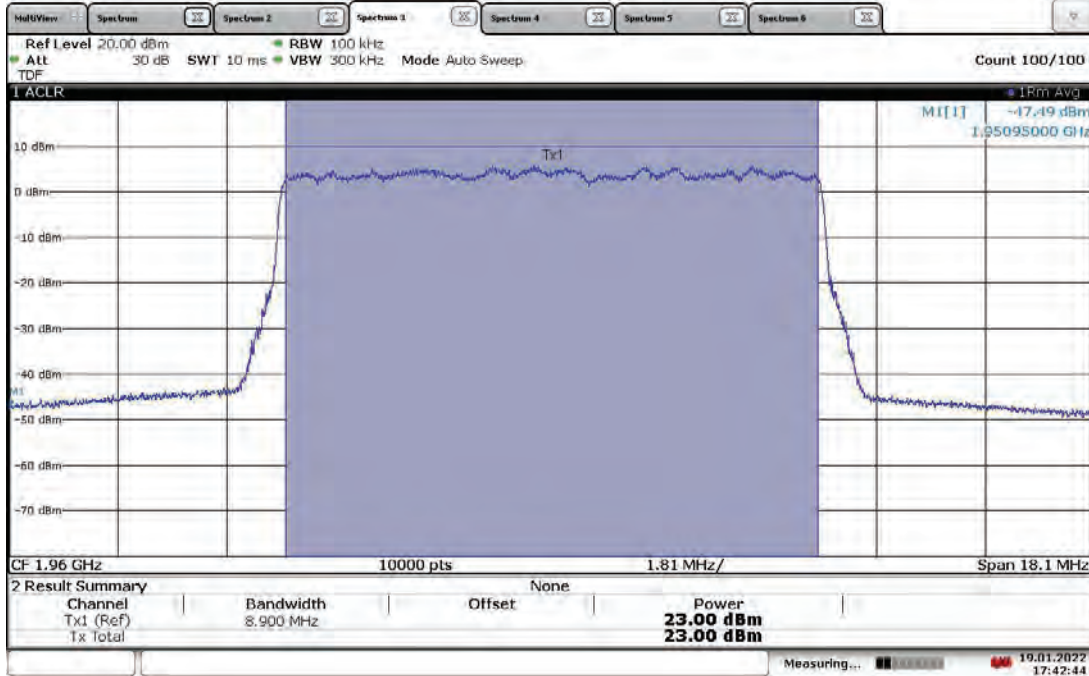


**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.91 dBm**



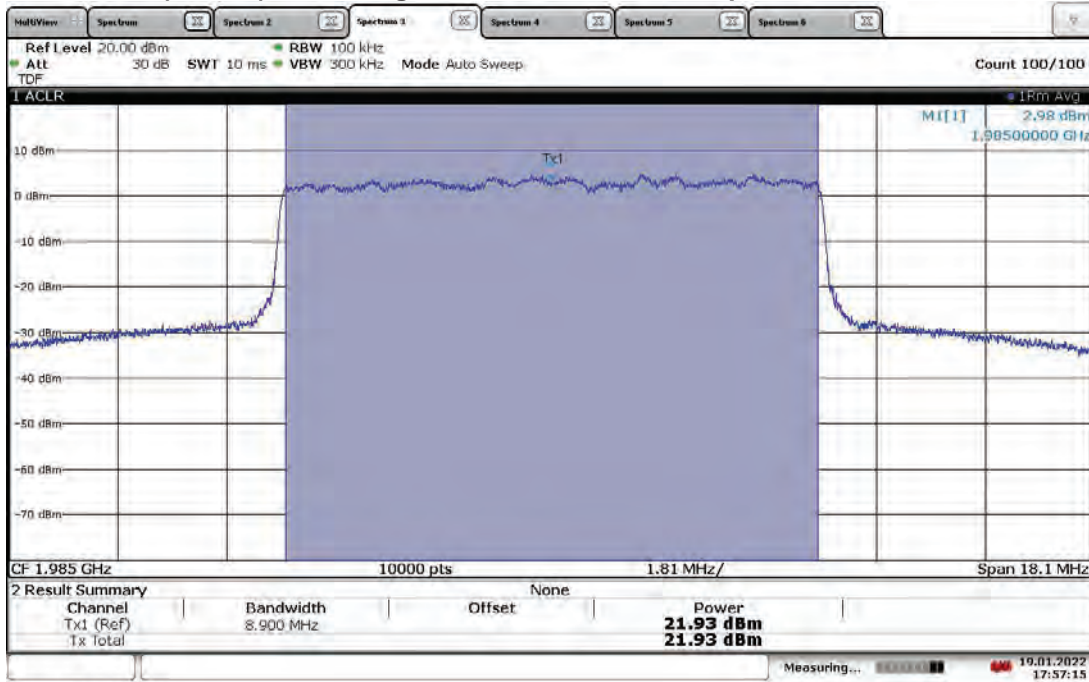
17:45:13 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.00 dBm**



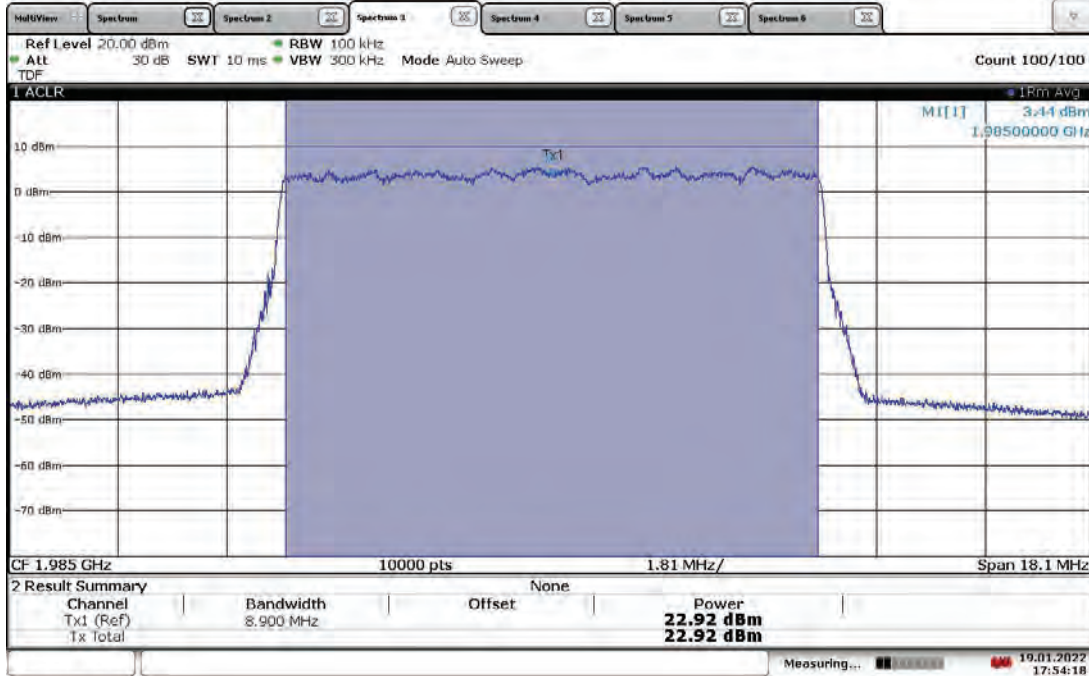
17:42:44 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, Output Power = 21.93 dBm**



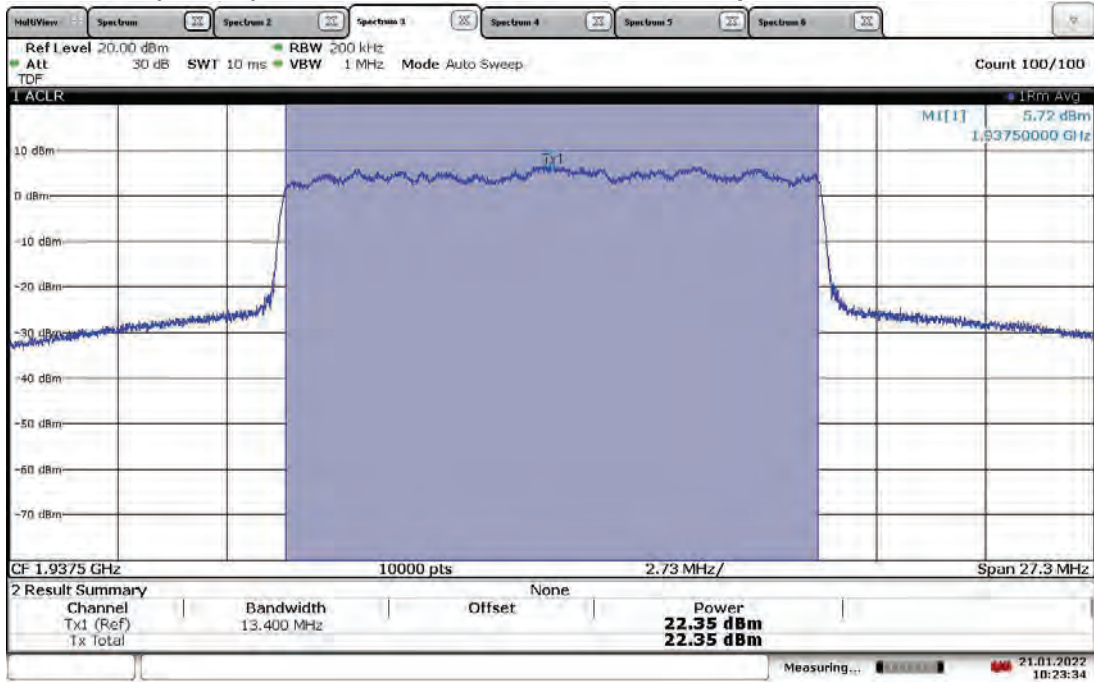
17:57:15 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, Output Power = 22.92 dBm**



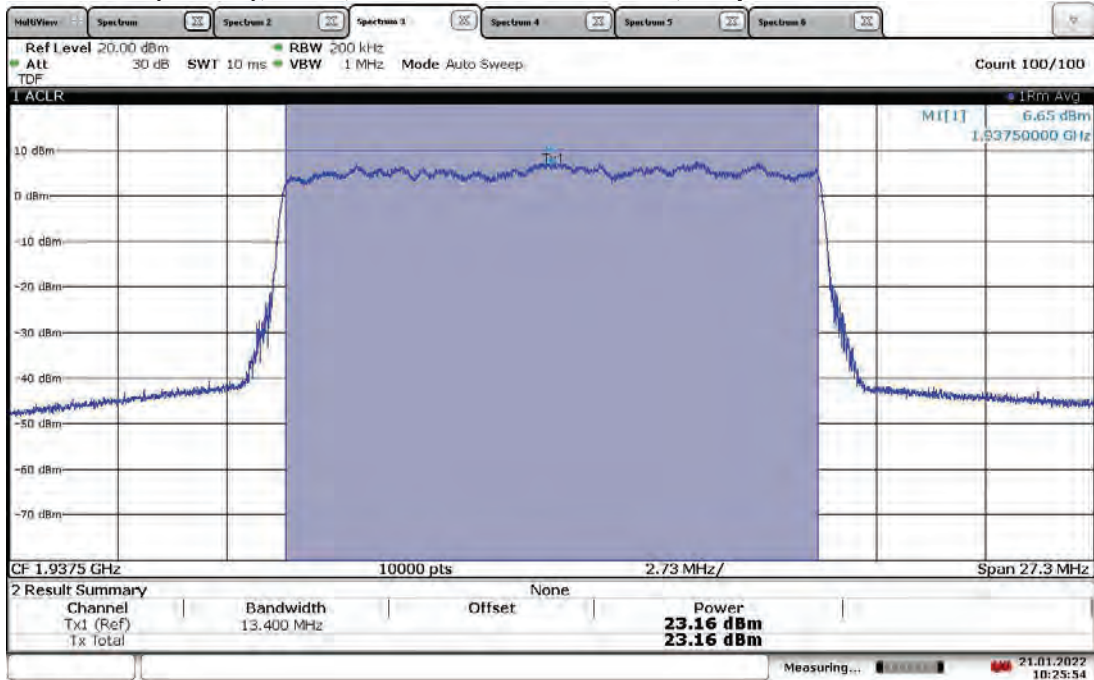
17:54:19 19.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, Output Power = 22.35 dBm**



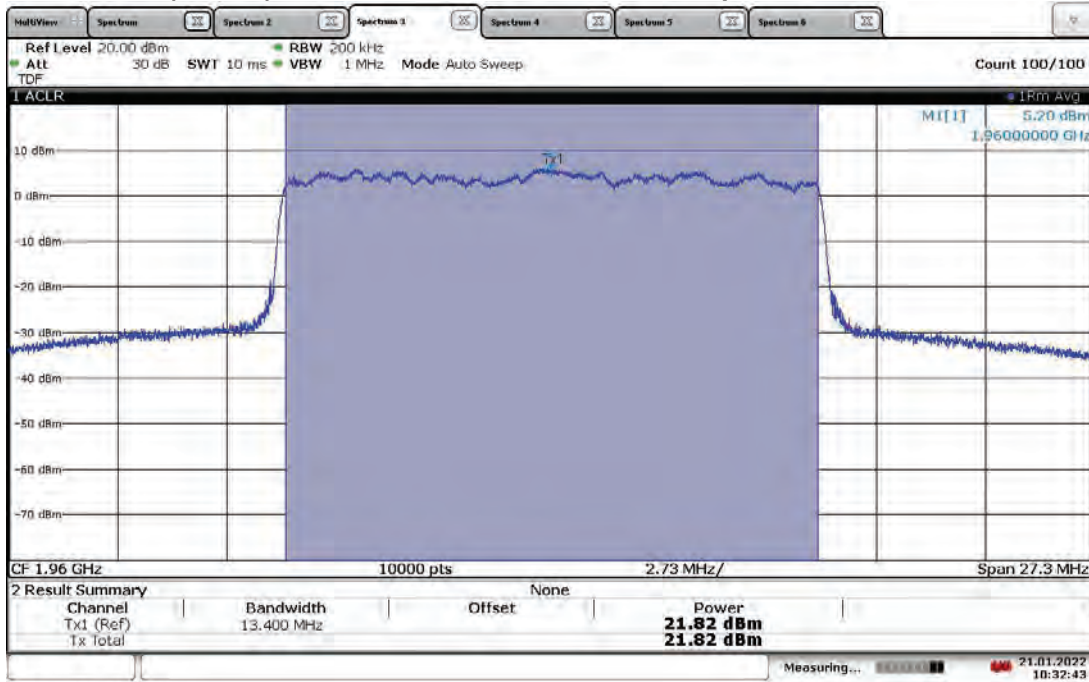
10:23:34 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, Output Power = 23.16 dBm**



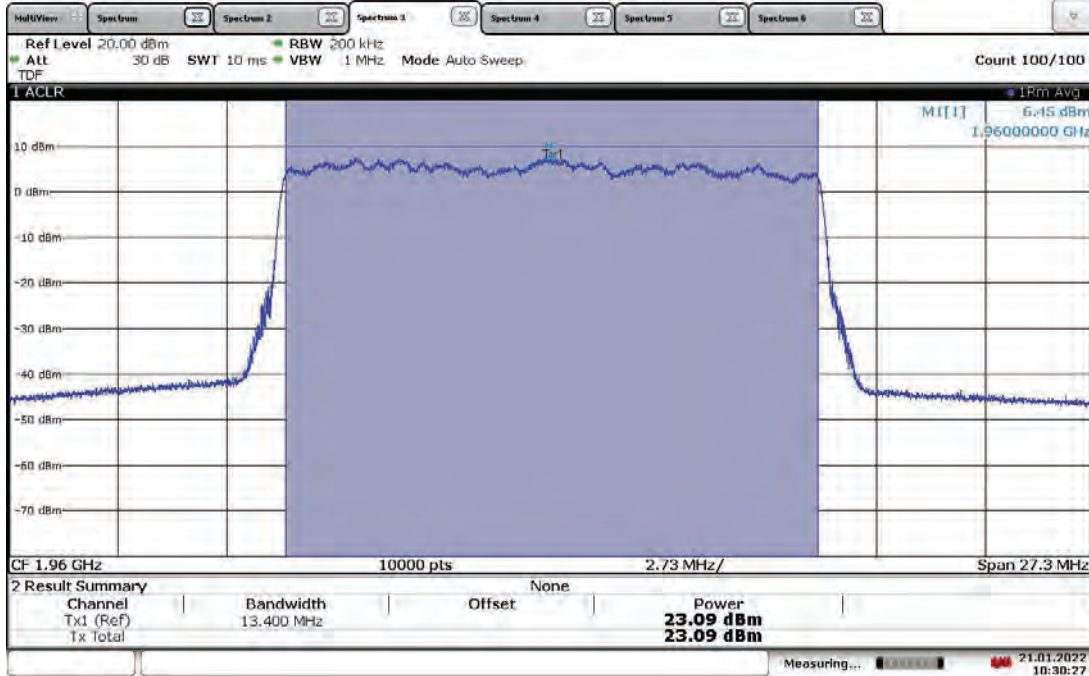
10:25:54 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.82 dBm**



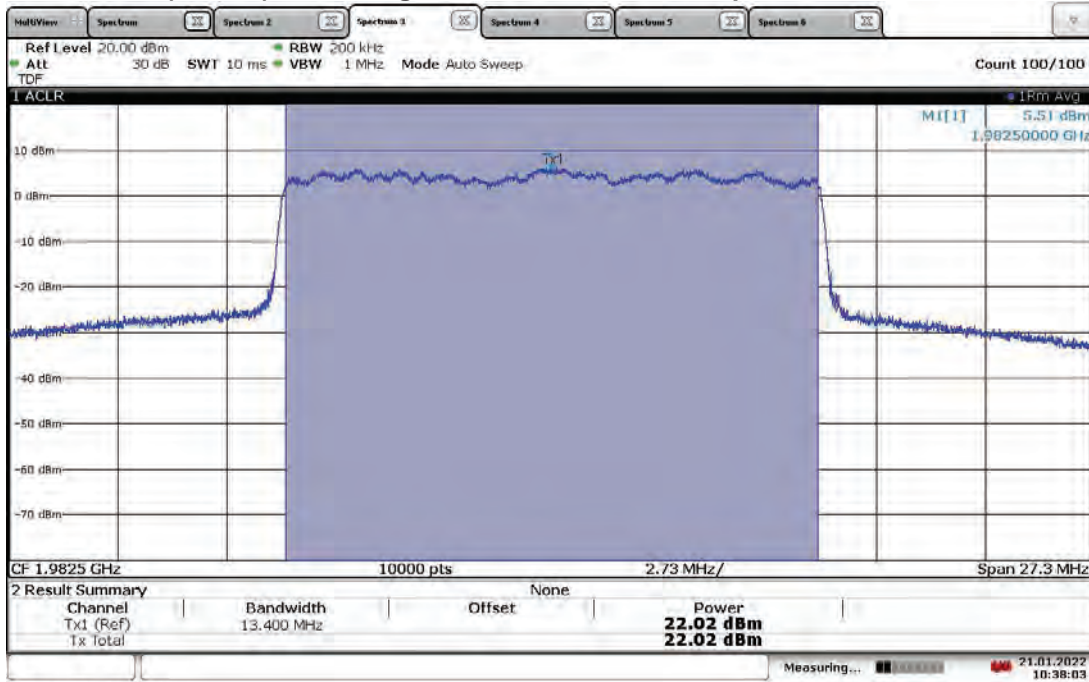
10:32:43 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.09 dBm**



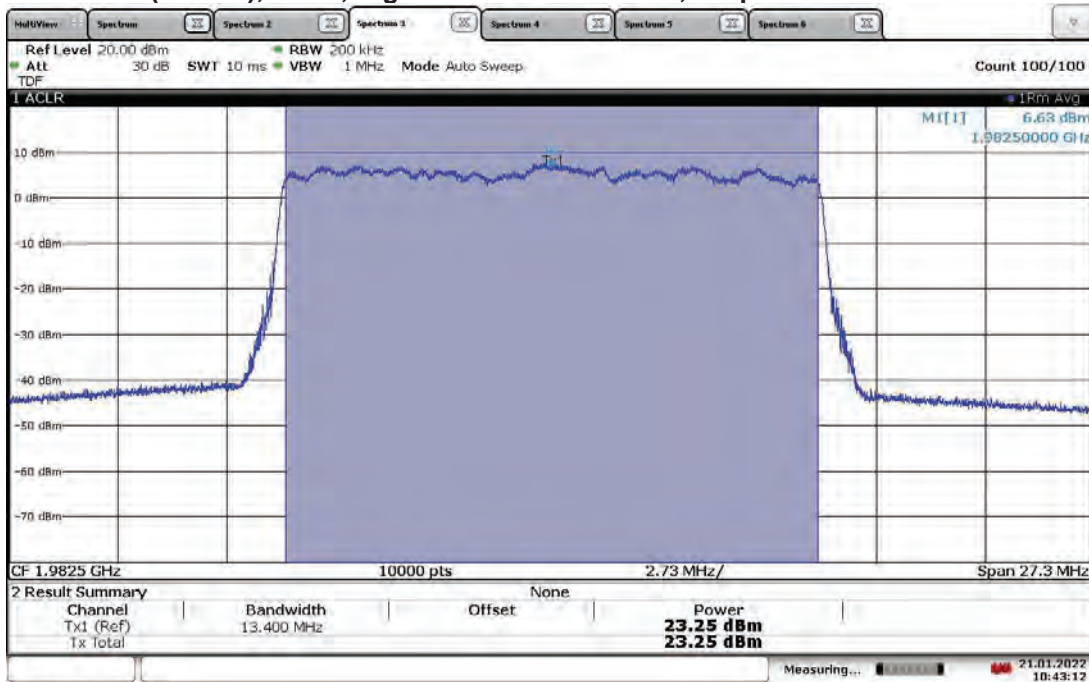
10:30:28 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1982 MHz, Output Power =22.02 dBm**



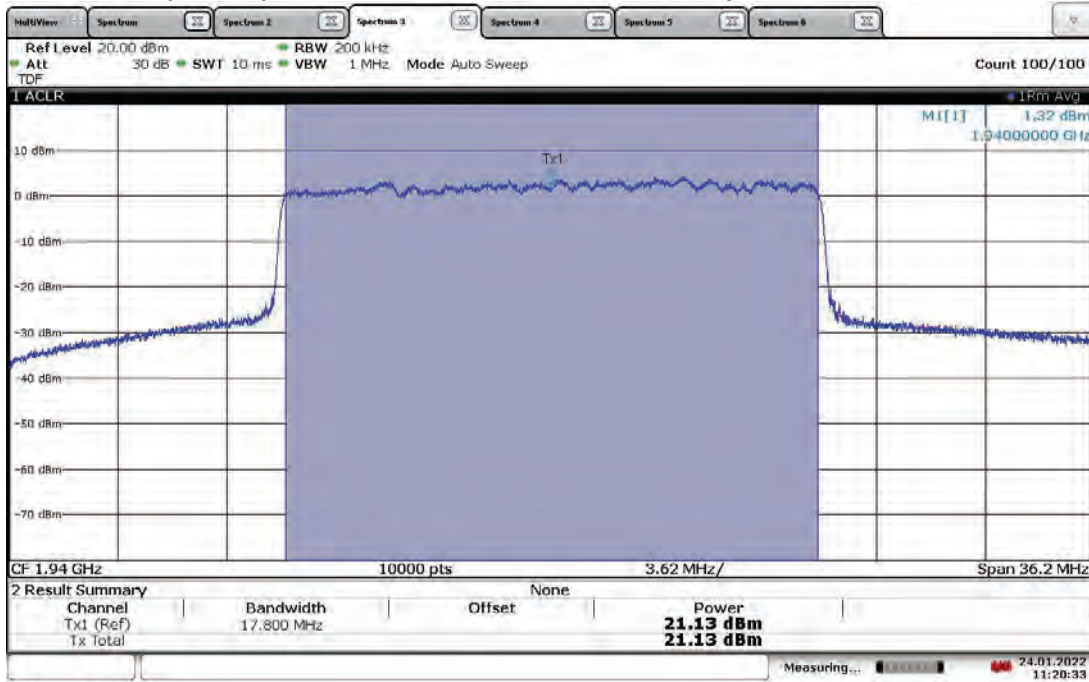
10:38:03 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, Output Power = 23.25 dBm**



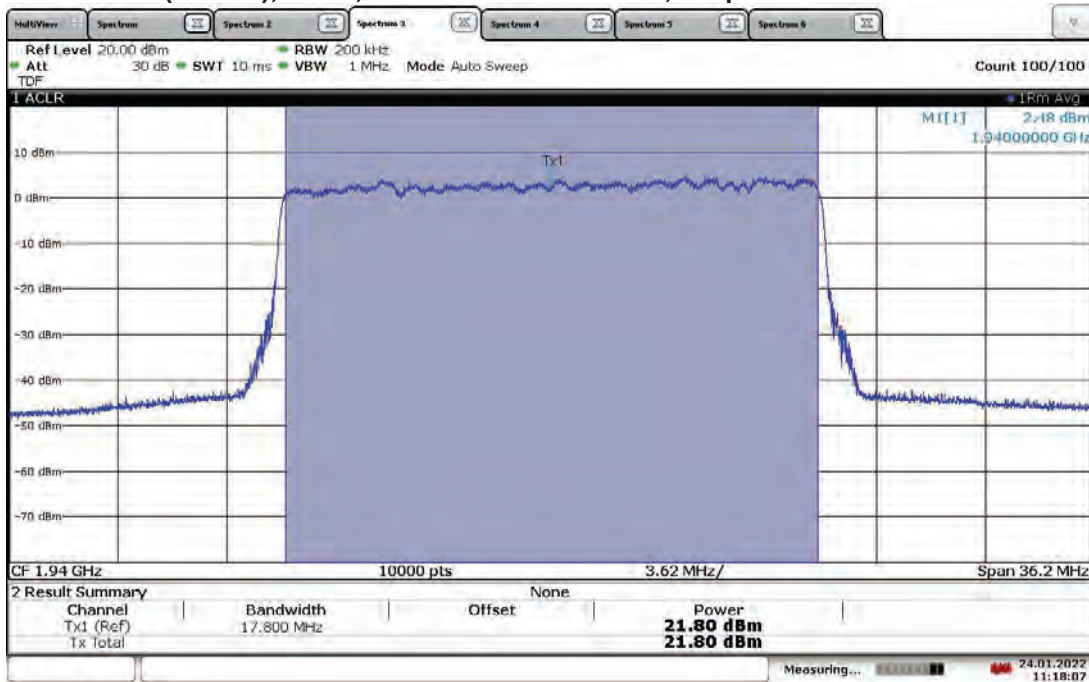
10:43:13 21.01.2022

**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, Output Power = 21.13 dBm**



11:20:33 24.01.2022

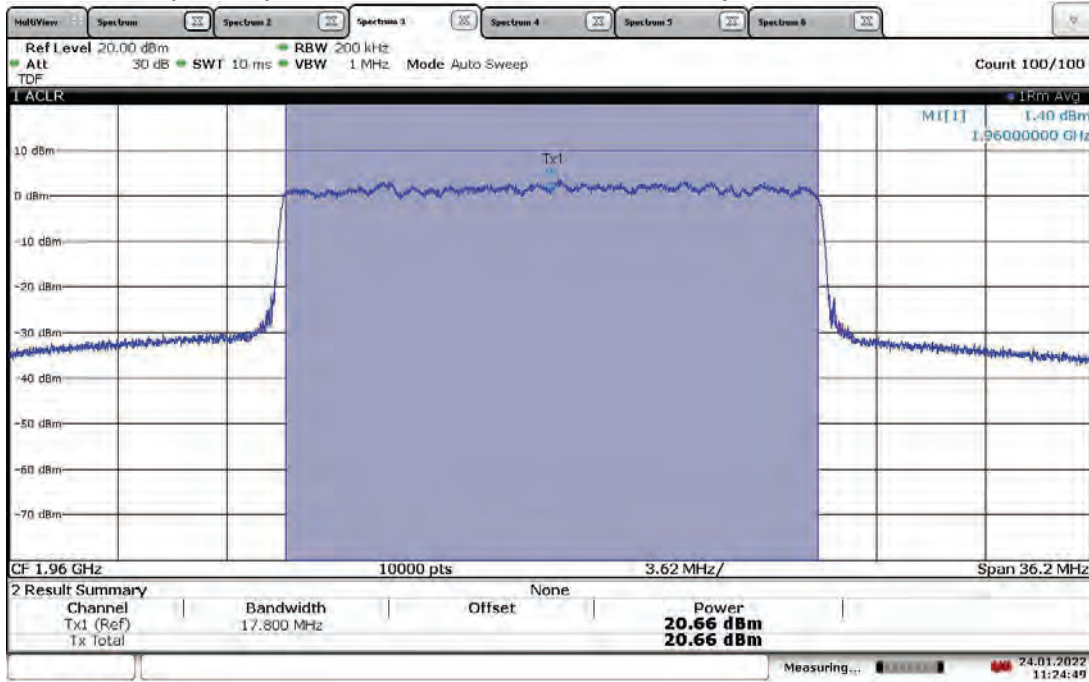
**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, Output Power = 21.80 dBm**



11:18:07 24.01.2022

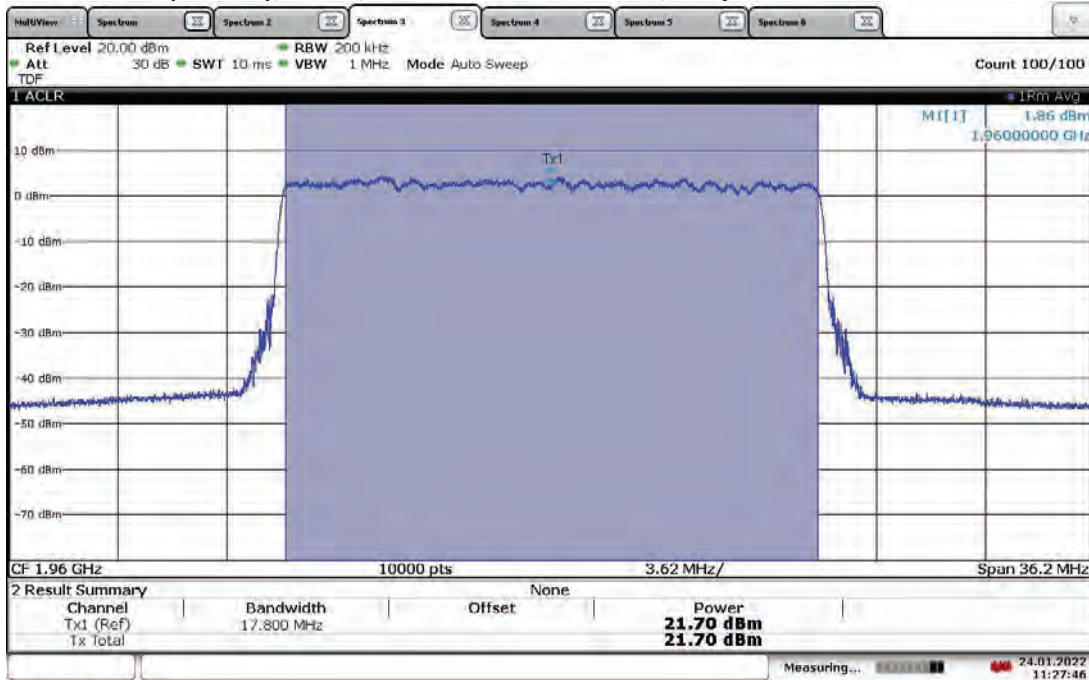


**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 20.66 dBm**



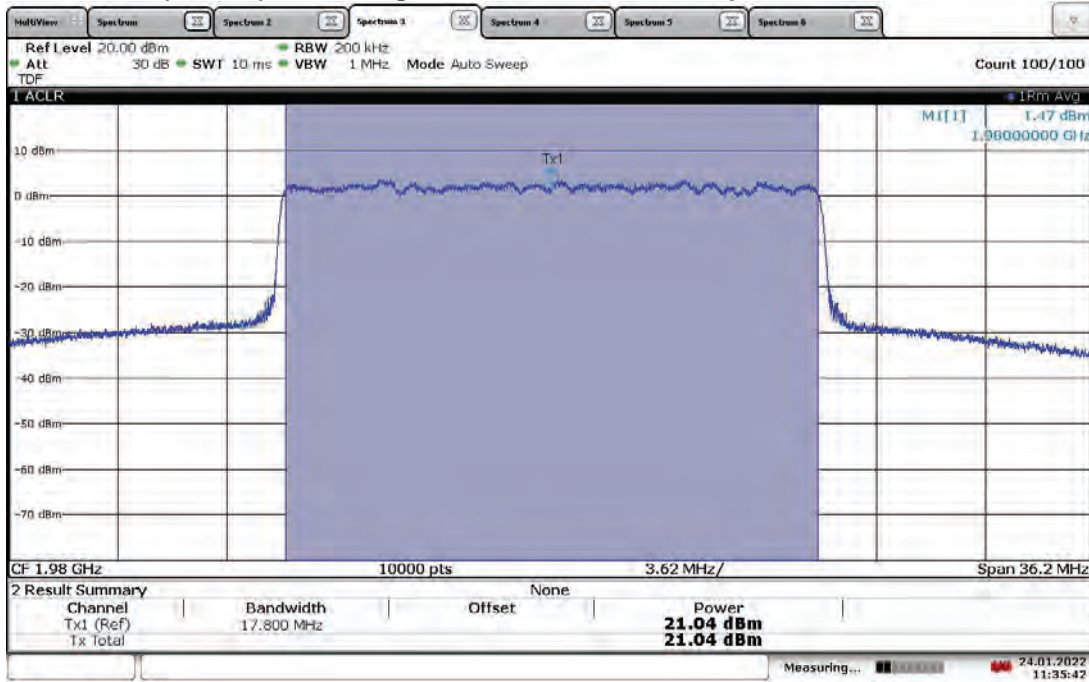
11:24:50 24.01.2022

**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 21.70 dBm**



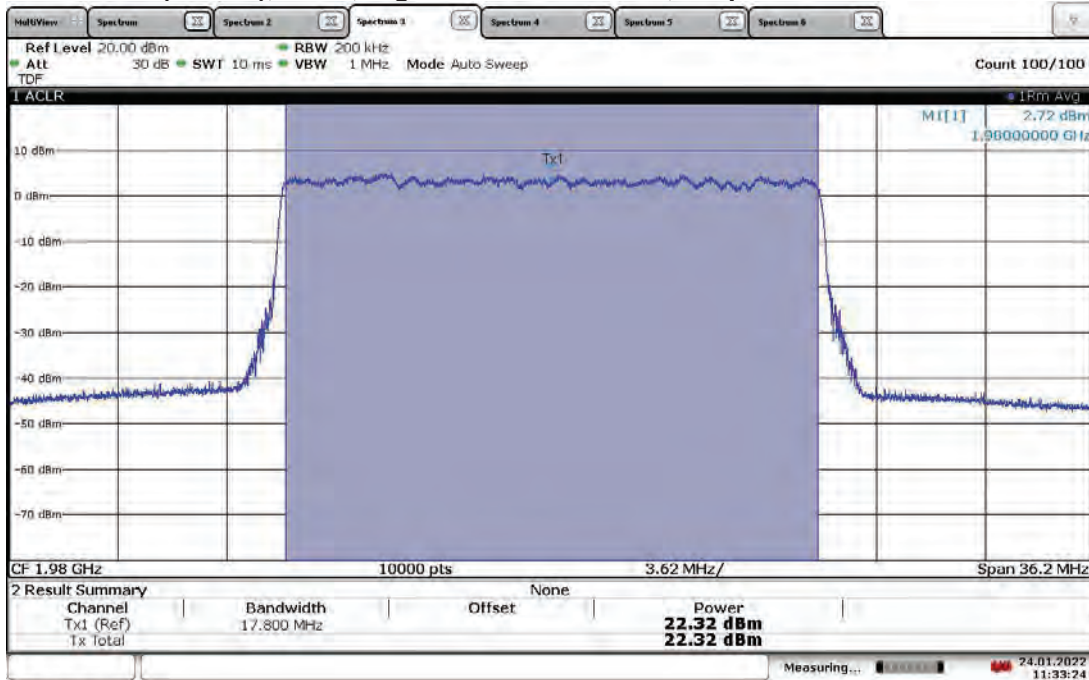
11:27:47 24.01.2022

**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1980 MHz, Output Power = 21.04 dBm**



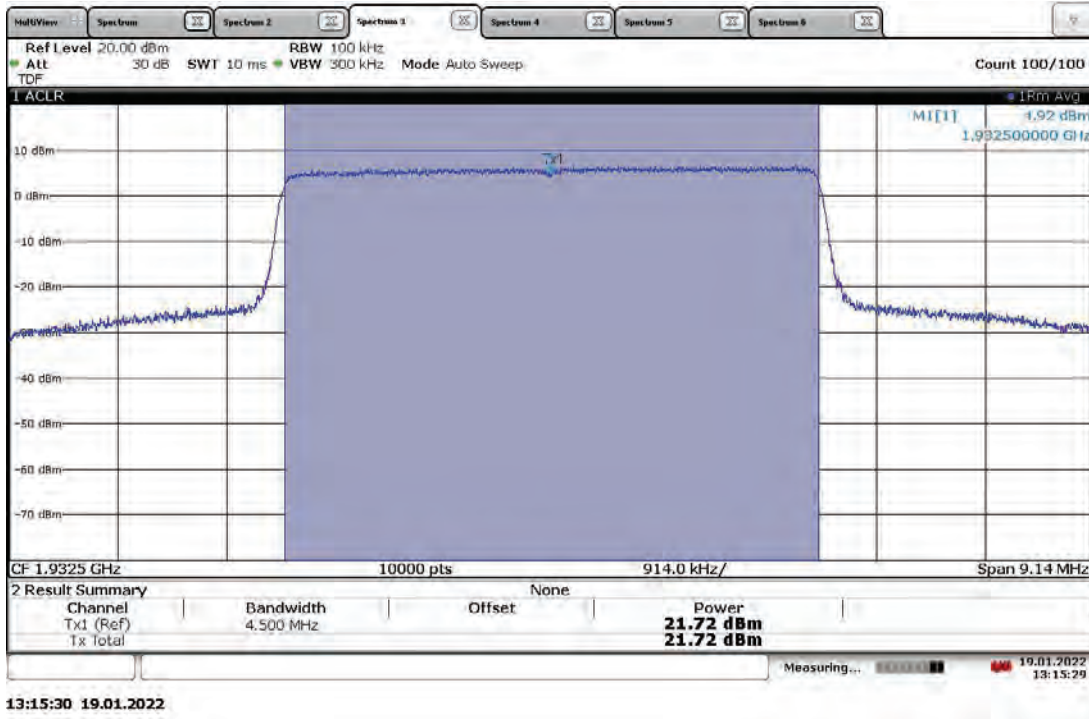
11:35:42 24.01.2022

**TM3.2-16QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1980 MHz, Output Power = 22.32 dBm**

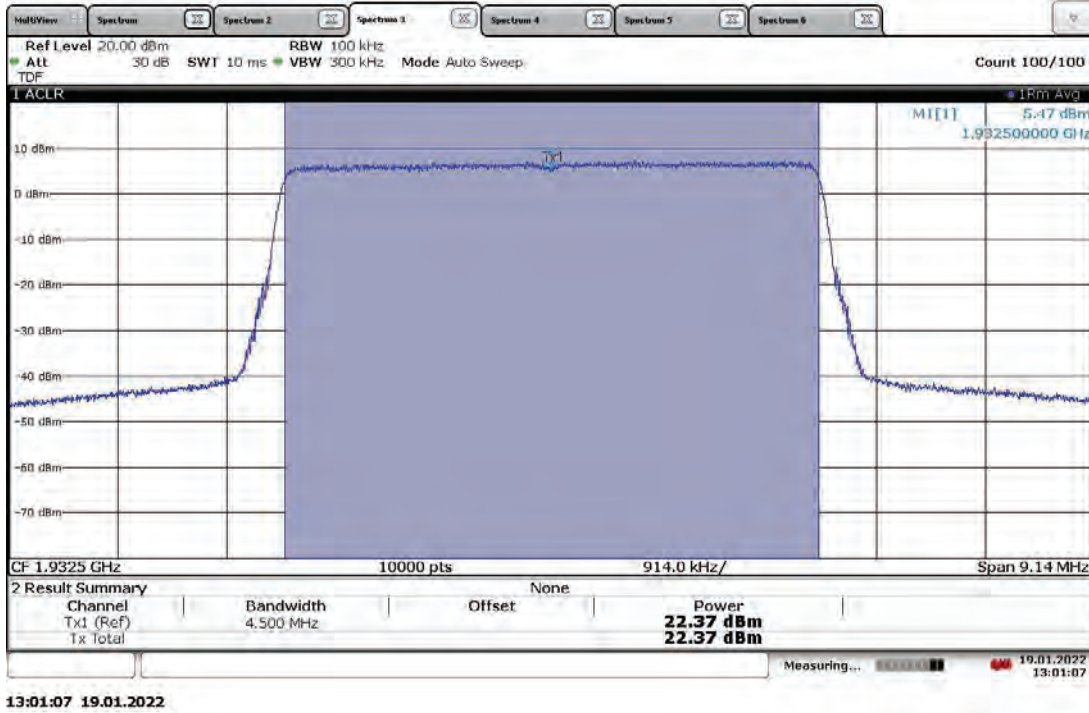


11:33:25 24.01.2022

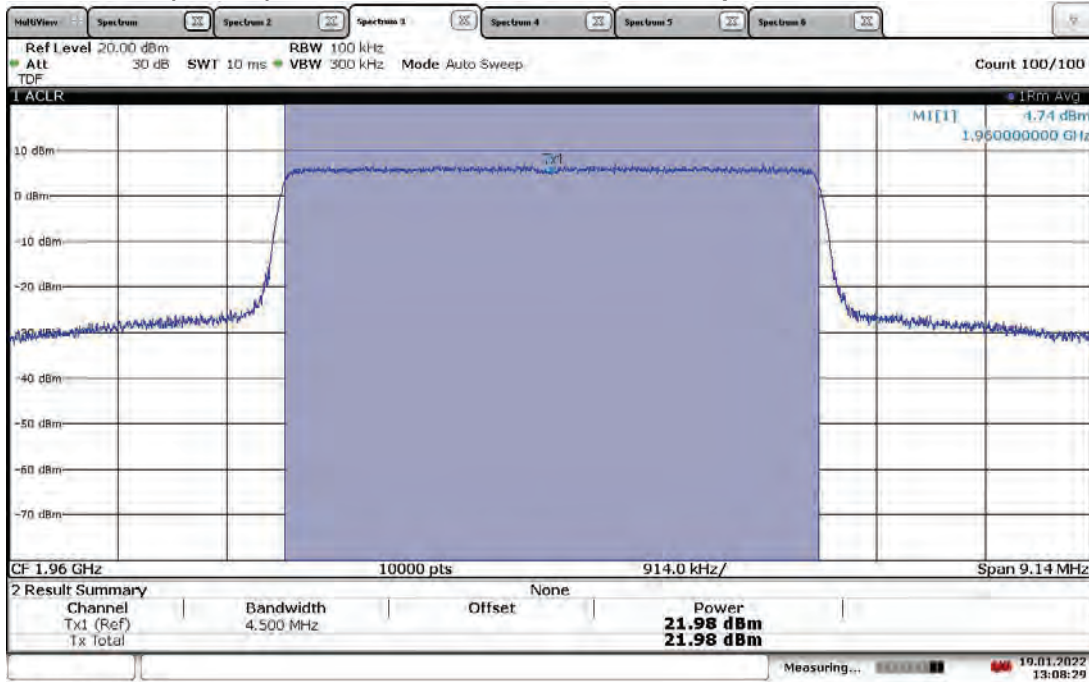
**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.72 dBm**



**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.37 dBm**

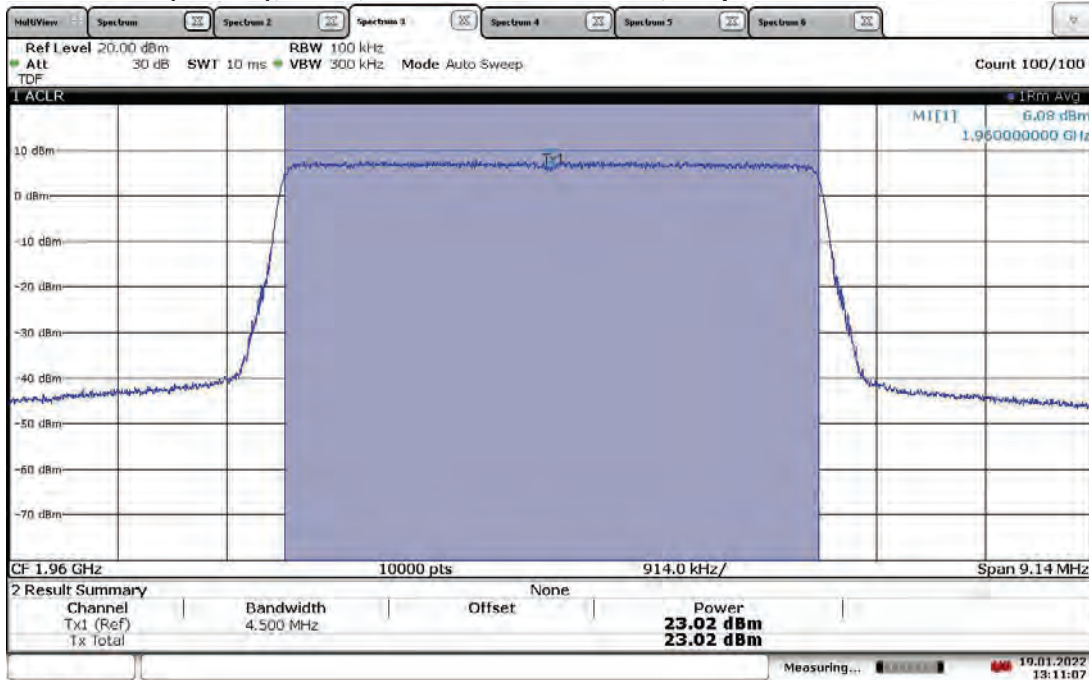


**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 23.12 dBm**



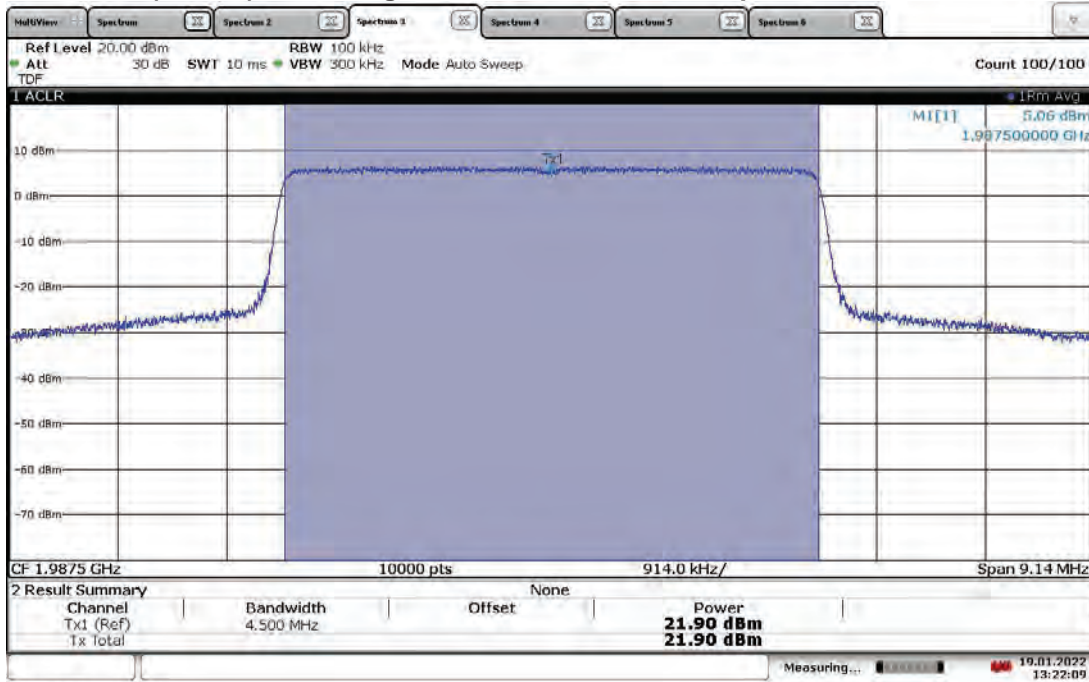
13:08:30 19.01.2022

**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.37 dBm**



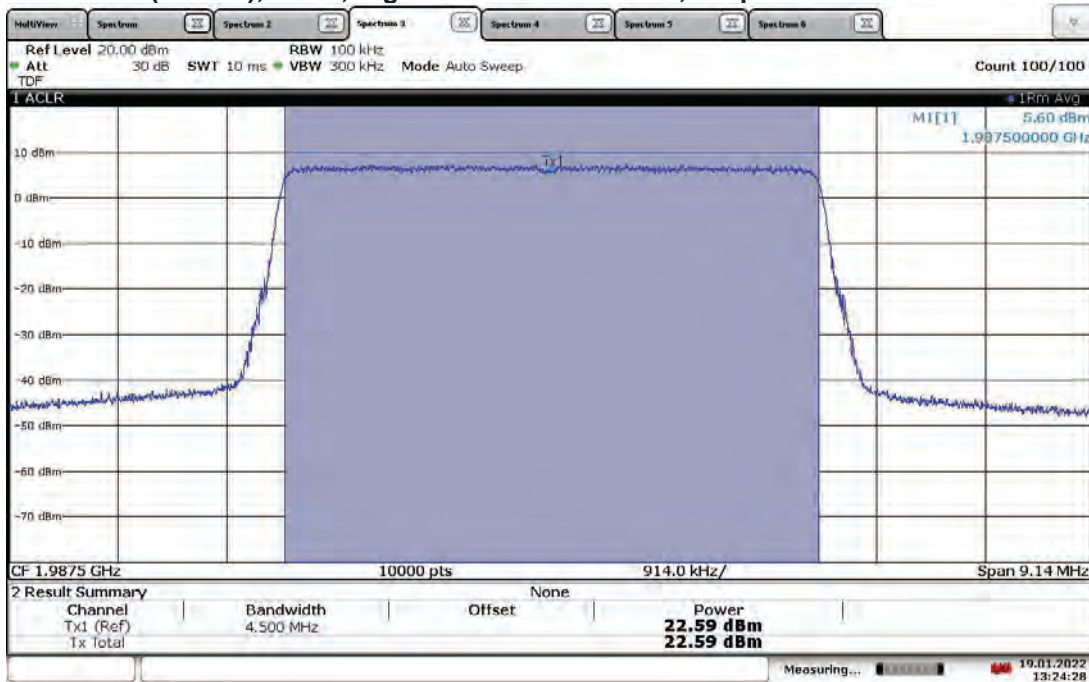
13:11:07 19.01.2022

**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1987.5 MHz, Output Power = 22.76 dBm**



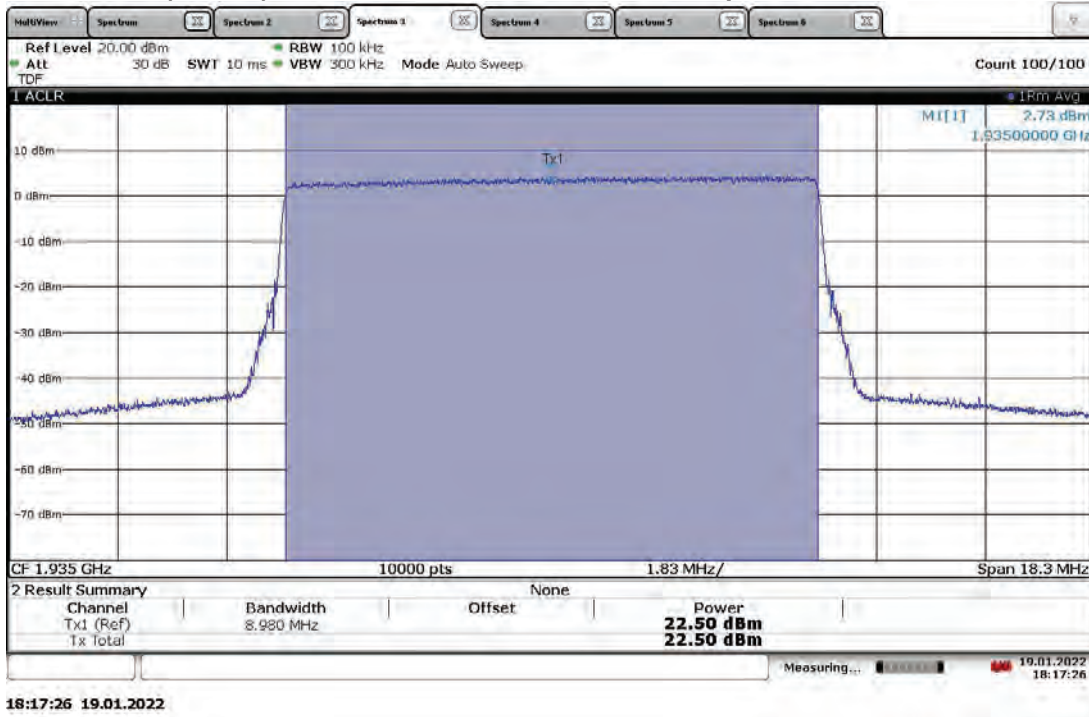
13:22:09 19.01.2022

**TM3.1-64QAM\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1987.5 MHz, Output Power = 22.29 dBm**

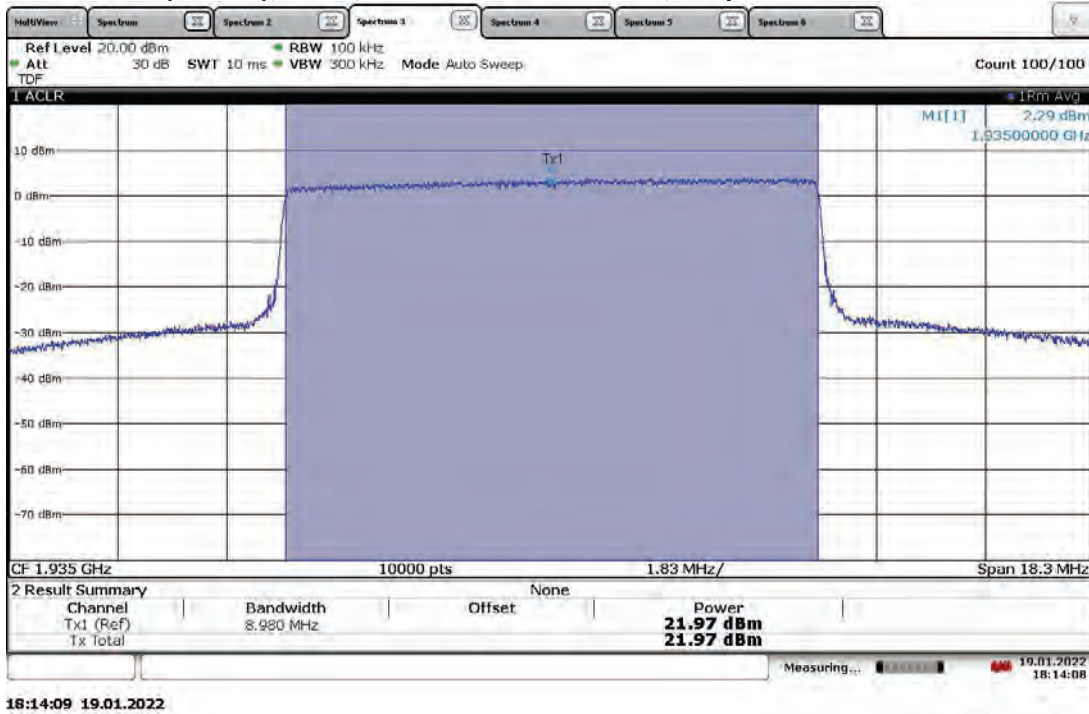


13:24:29 19.01.2022

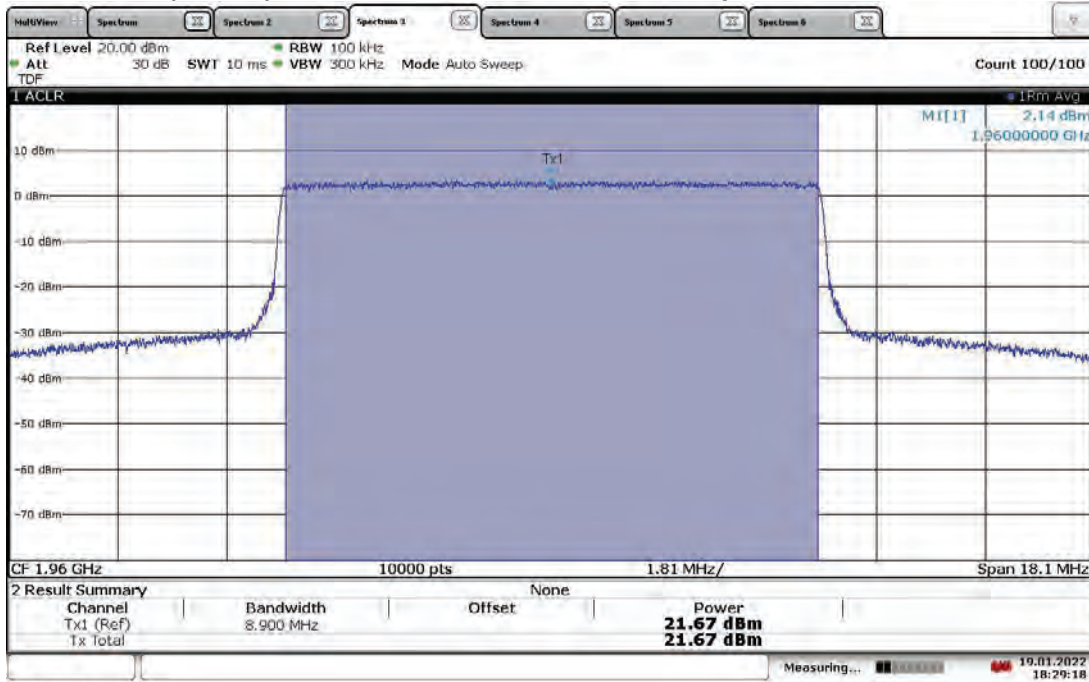
**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, Output Power = 22.50 dBm**



**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, Output Power = 21.97 dBm**

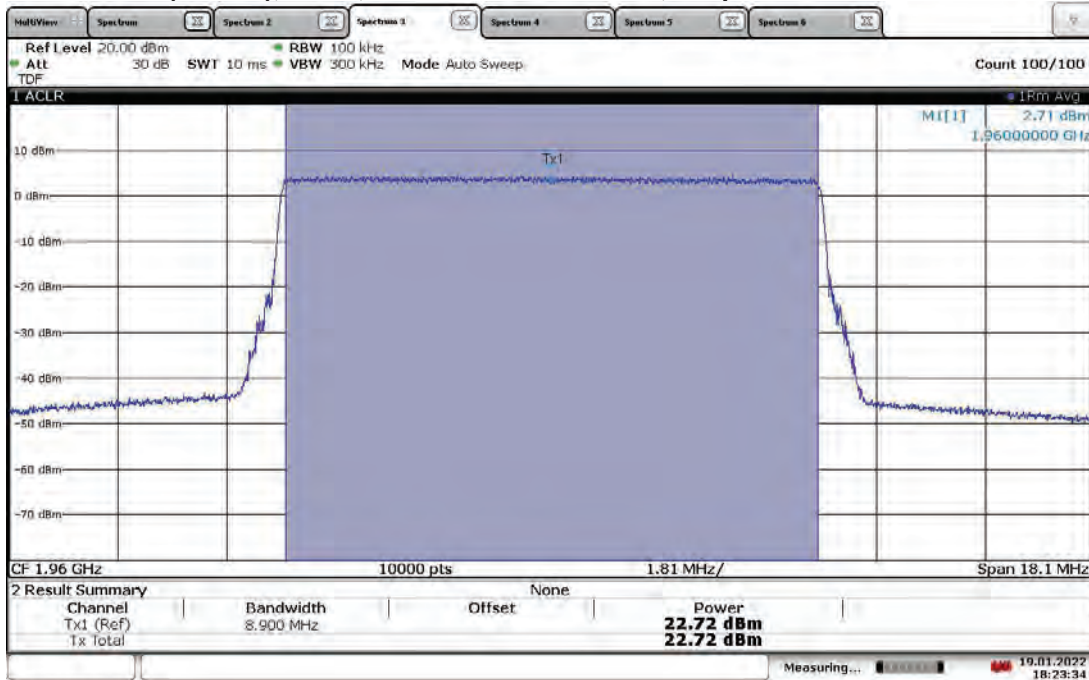


**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.67 dBm**



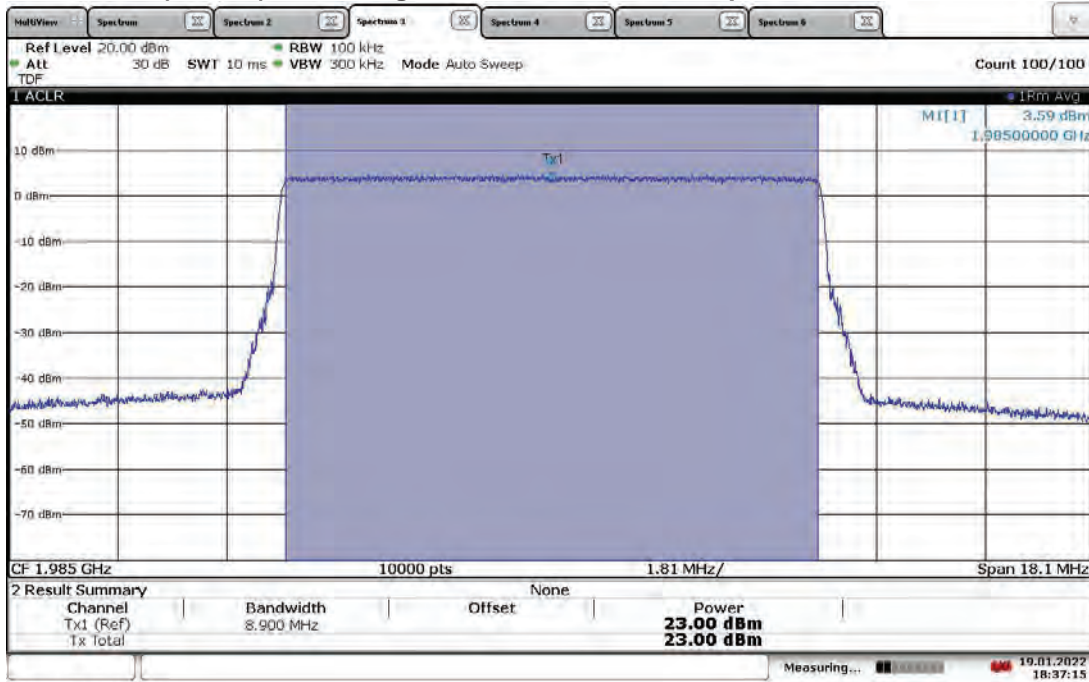
18:29:19 19.01.2022

**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.72 dBm**



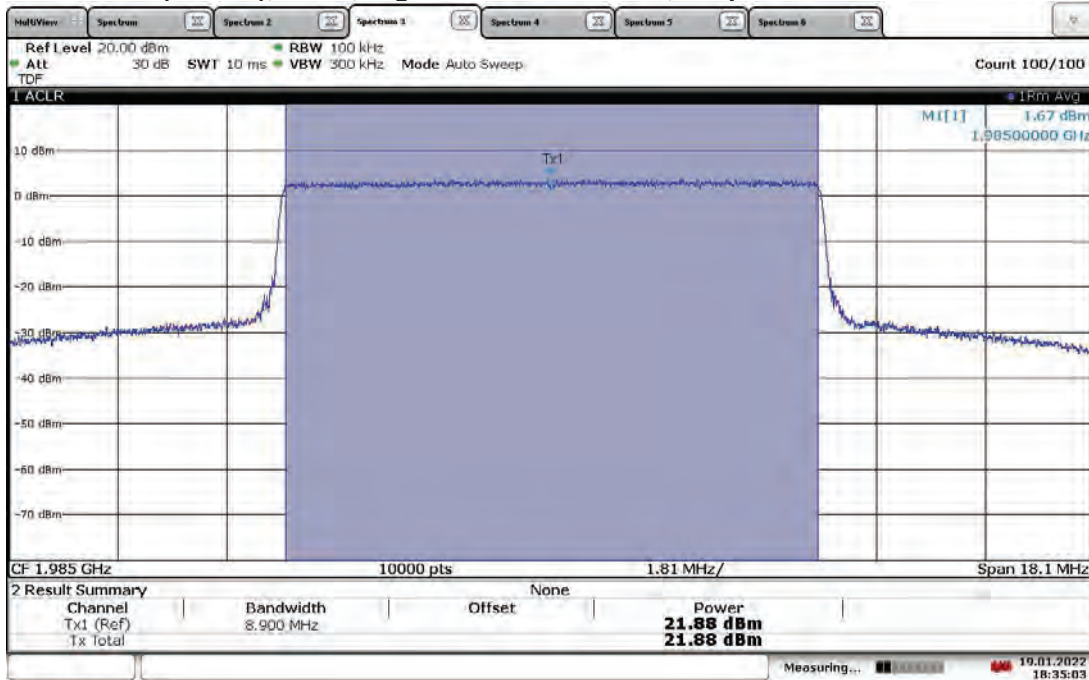
18:23:34 19.01.2022

**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, Output Power = 22.79 dBm**



18:37:15 19.01.2022

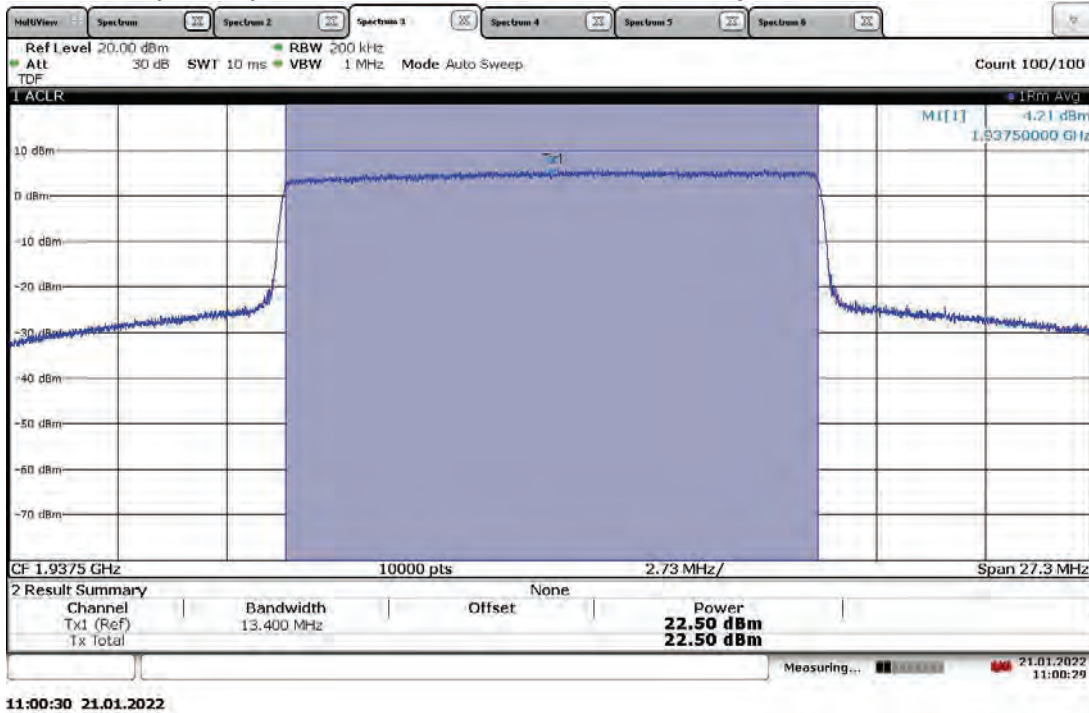
**TM3.1-64QAM\_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, Output Power = 22.32 dBm**



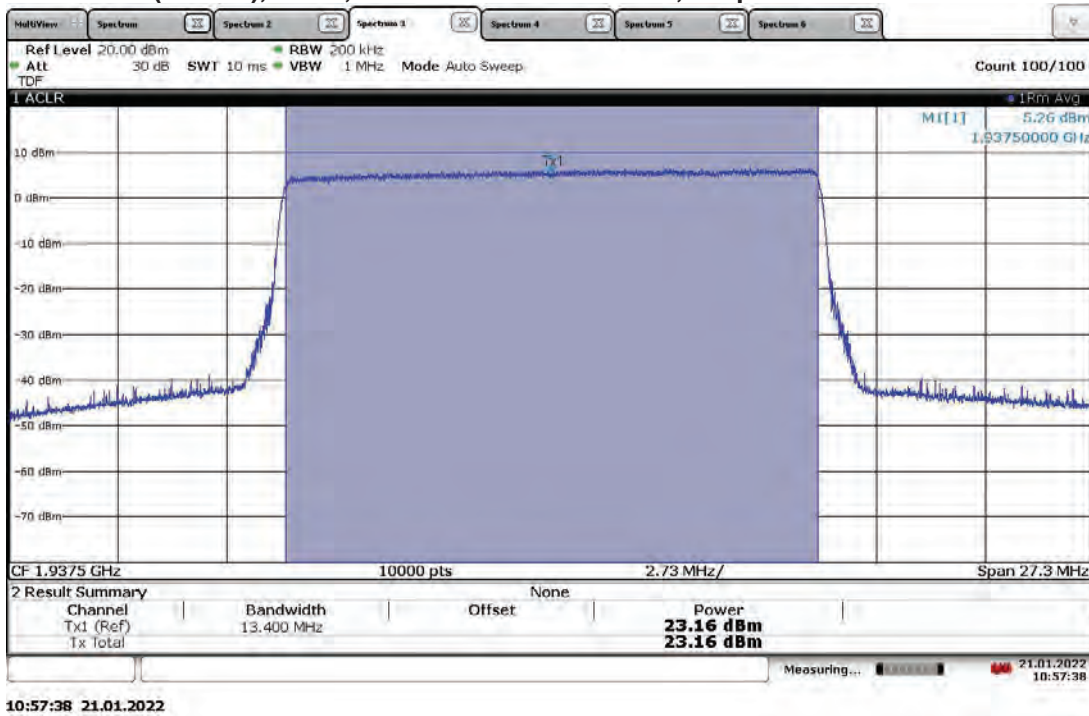
18:35:04 19.01.2022



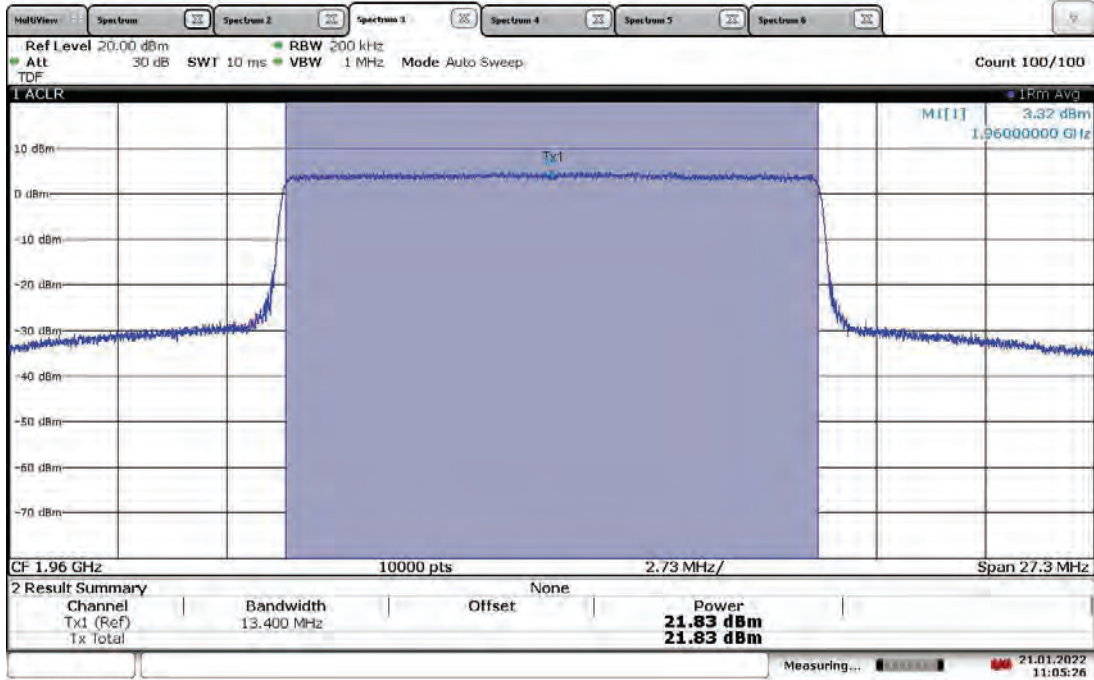
**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, Output Power = 22.50 dBm**



**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, Output Power = 23.16 dBm**

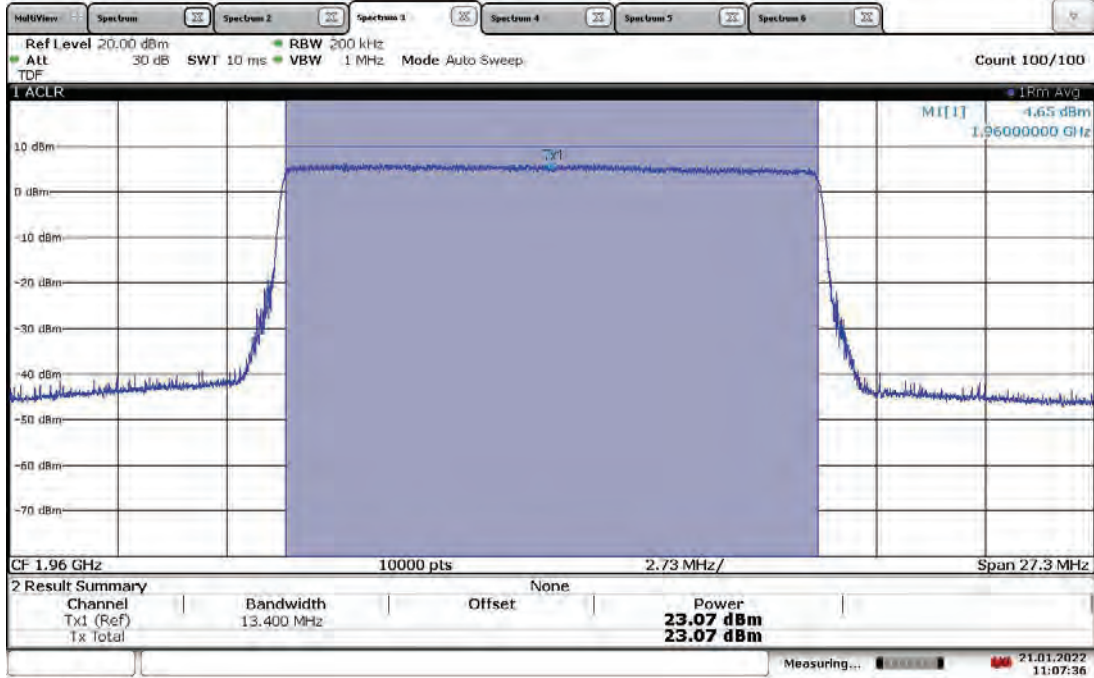


**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.83 dBm**



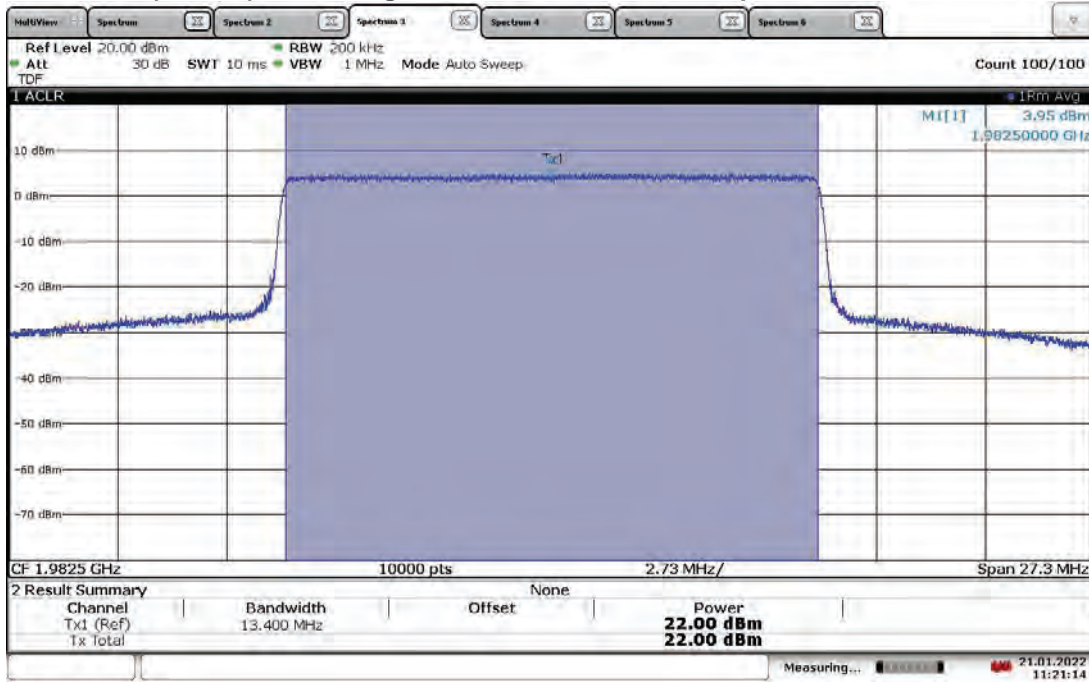
11:05:26 21.01.2022

**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.07 dBm**



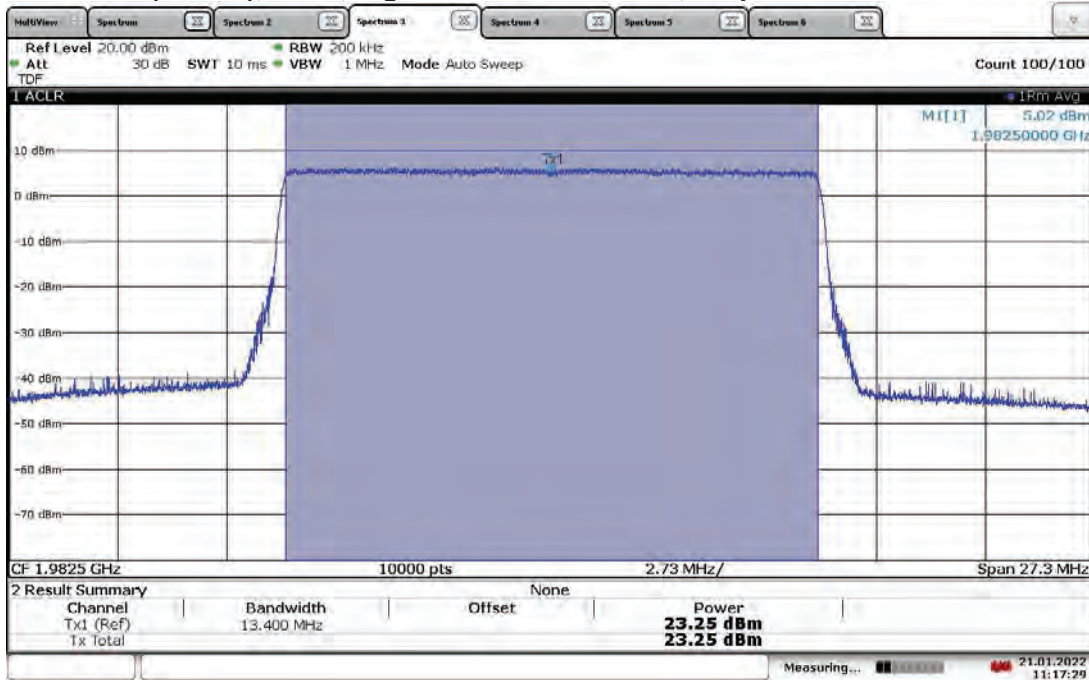
11:07:36 21.01.2022

**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1982.5 MHz, Output Power = 22.00 dBm**



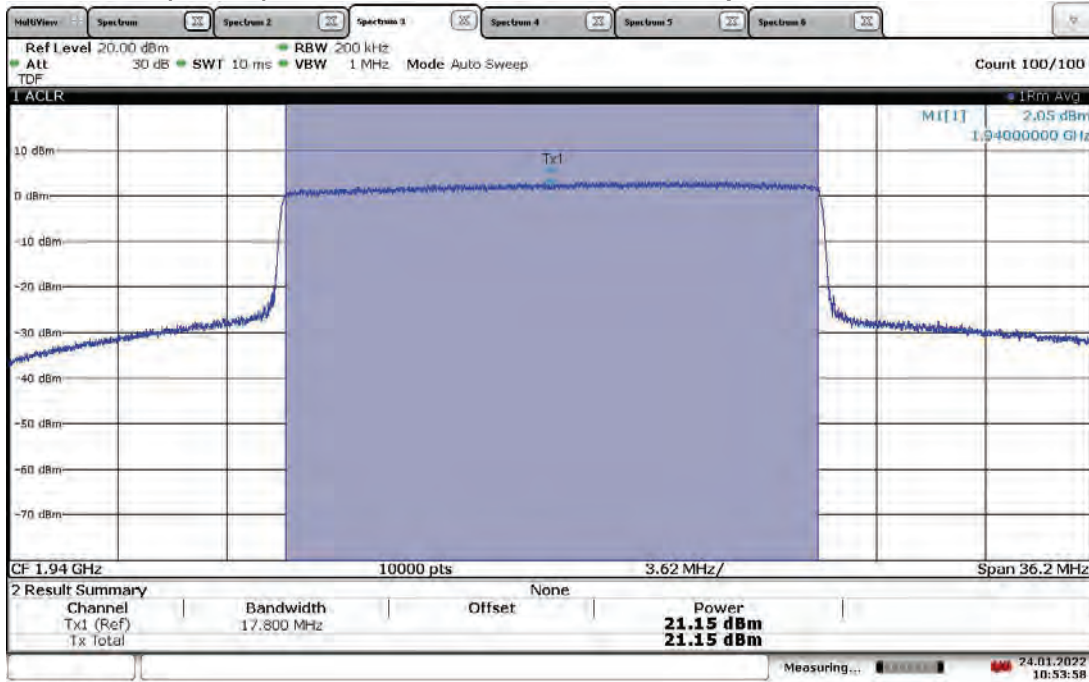
11:21:15 21.01.2022

**TM3.1-64QAM\_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, Output Power = 23.25 dBm**



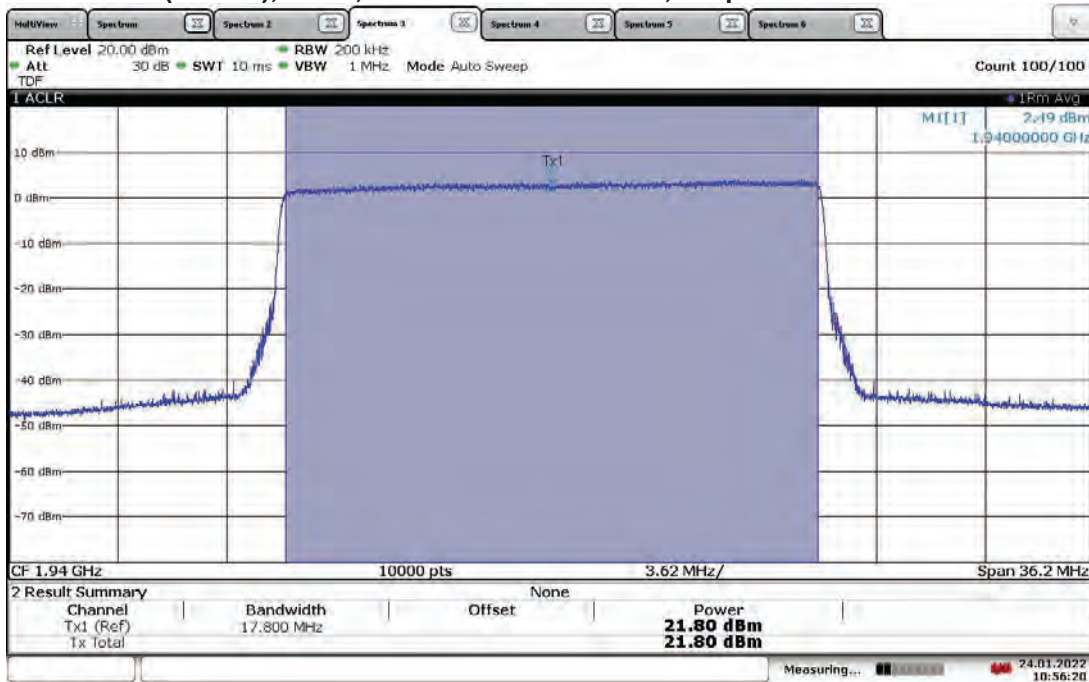
11:17:29 21.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, Output Power = 21.15 dBm**



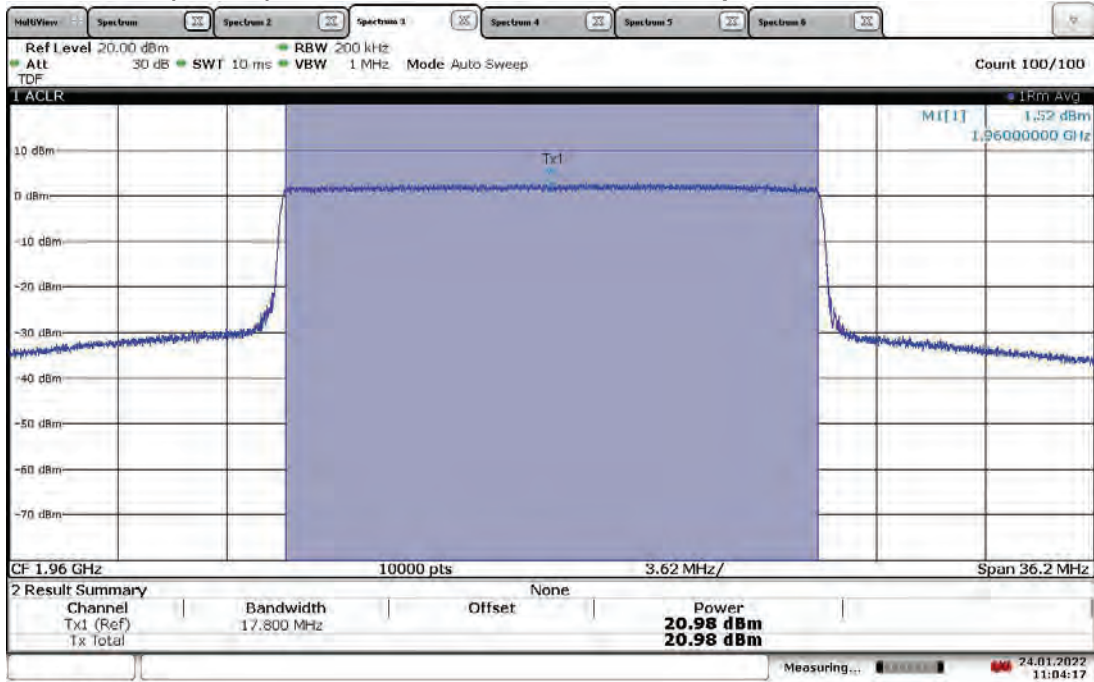
10:53:59 24.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, Output Power = 21.80 dBm**



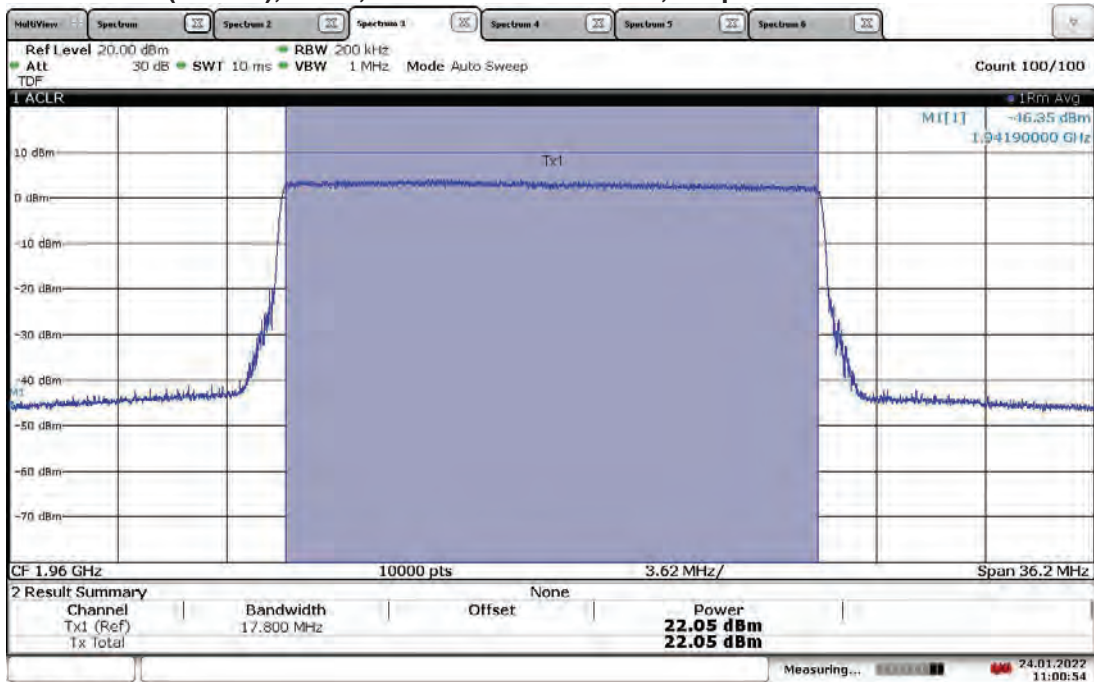
10:56:20 24.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 20.98 dBm**



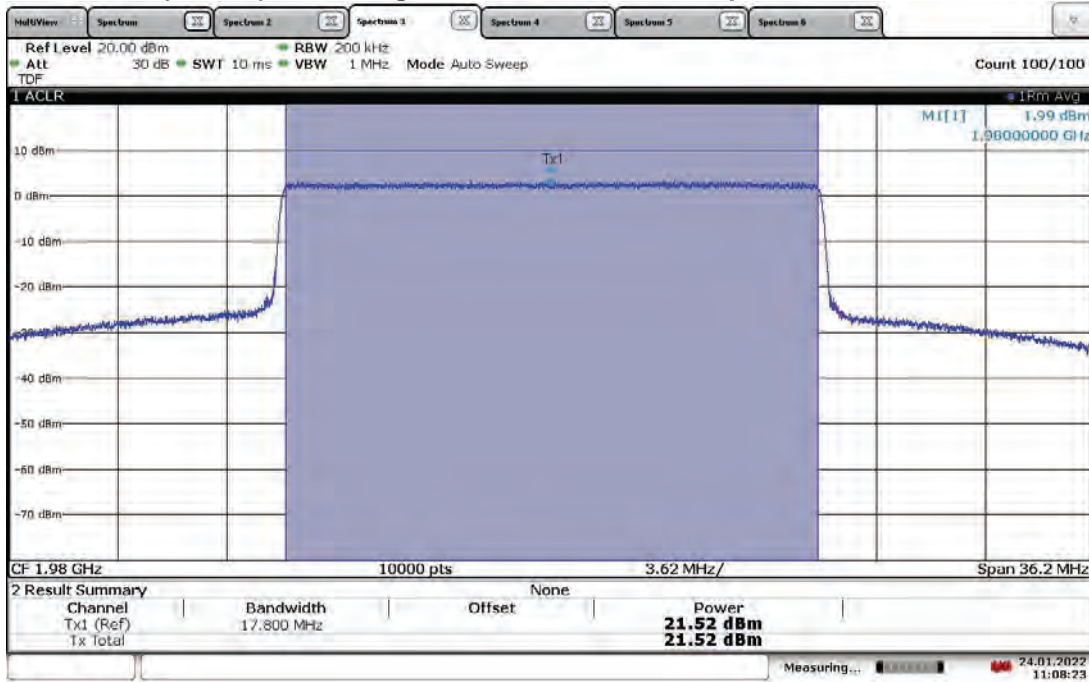
11:04:18 24.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.05 dBm**



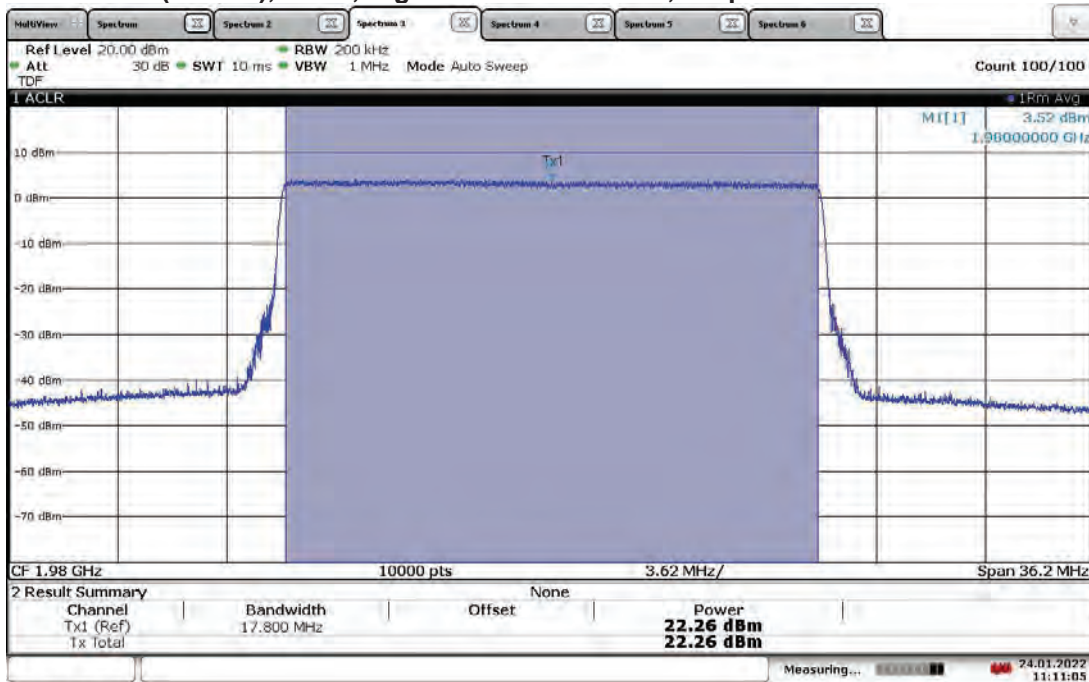
11:00:54 24.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1980 MHz, Output Power = 21.52 dBm**



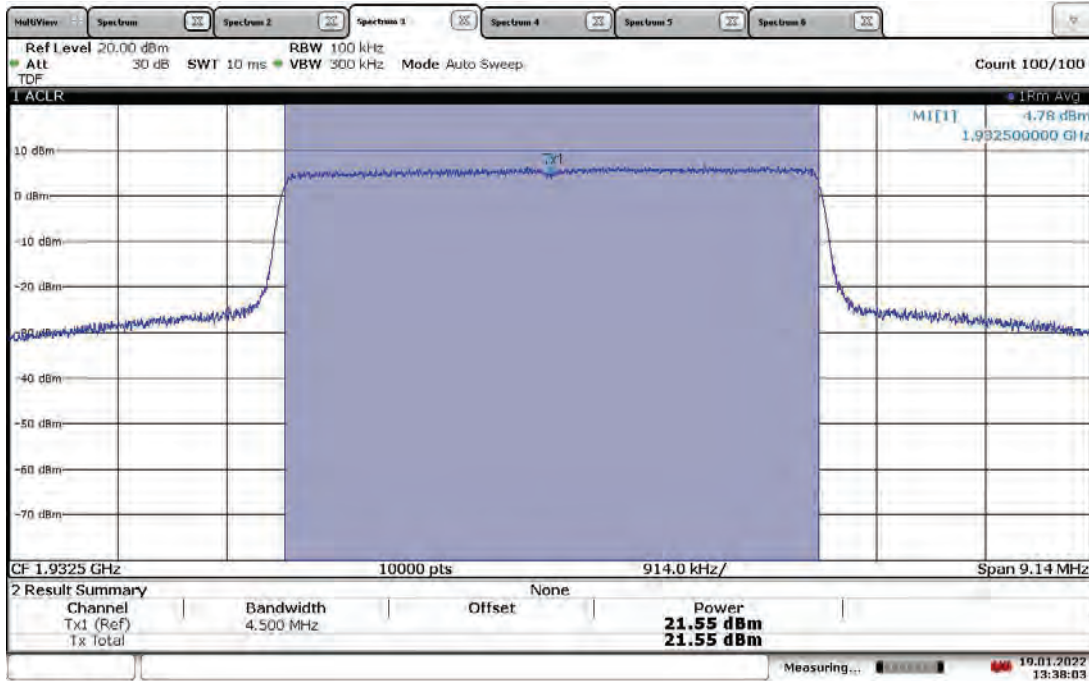
11:08:23 24.01.2022

**TM3.1-64QAM\_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1980 MHz, Output Power = 22.26 dBm**



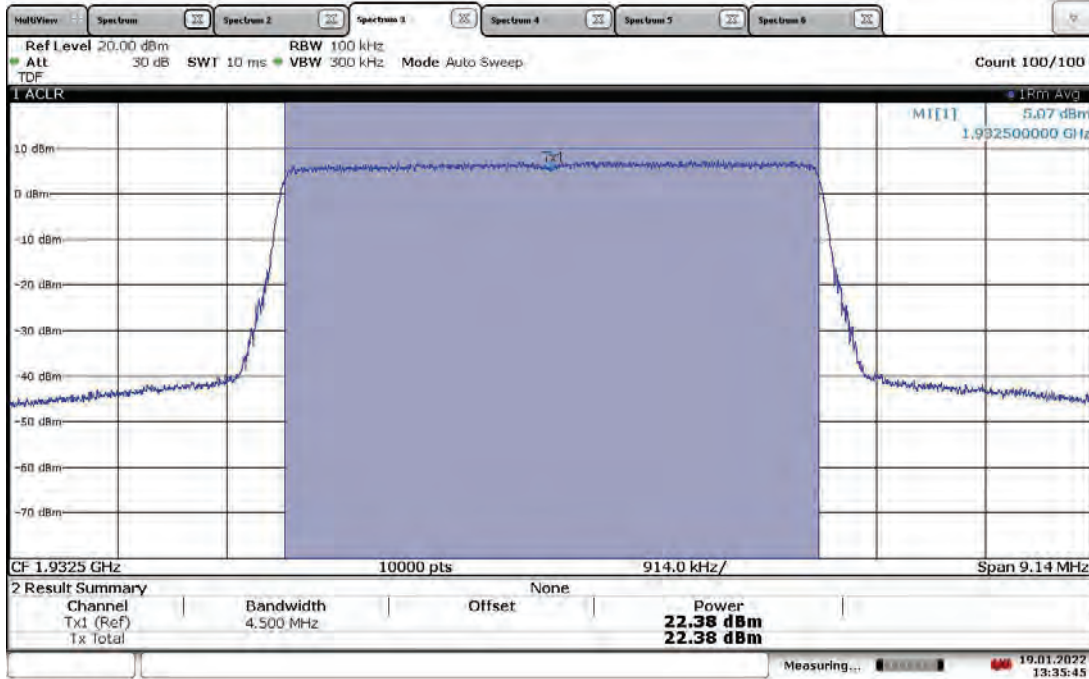
11:11:05 24.01.2022

**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.55 dBm**



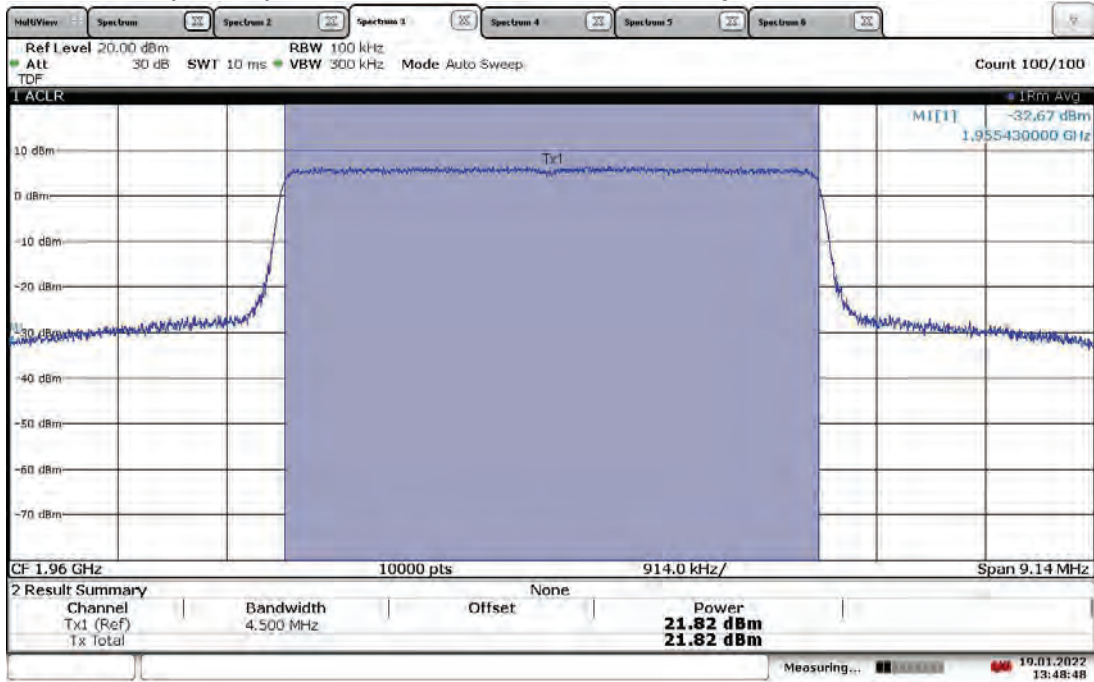
13:38:04 19.01.2022

**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.38 dBm**



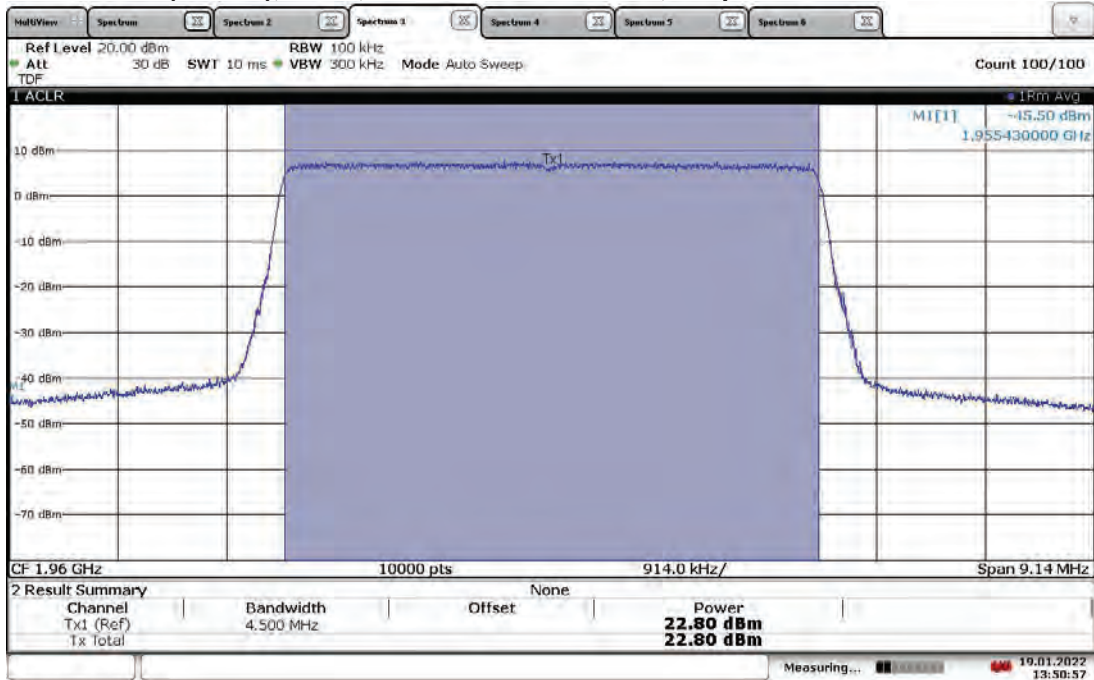
13:35:46 19.01.2022

**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.82 dBm**



13:48:48 19.01.2022

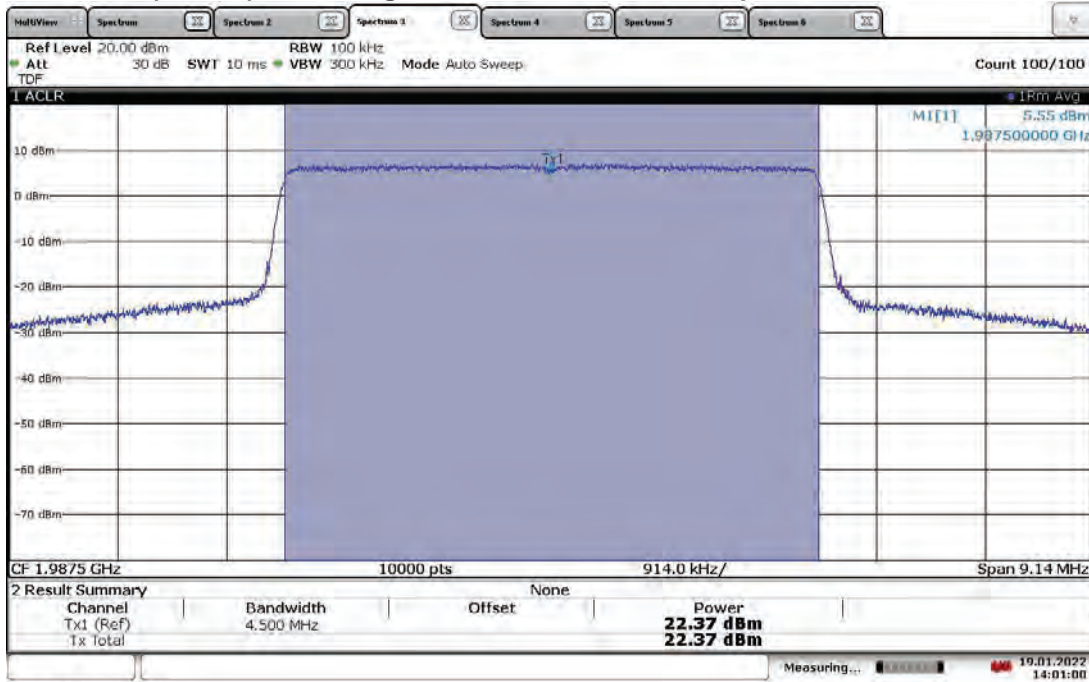
**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.80 dBm**



13:50:58 19.01.2022

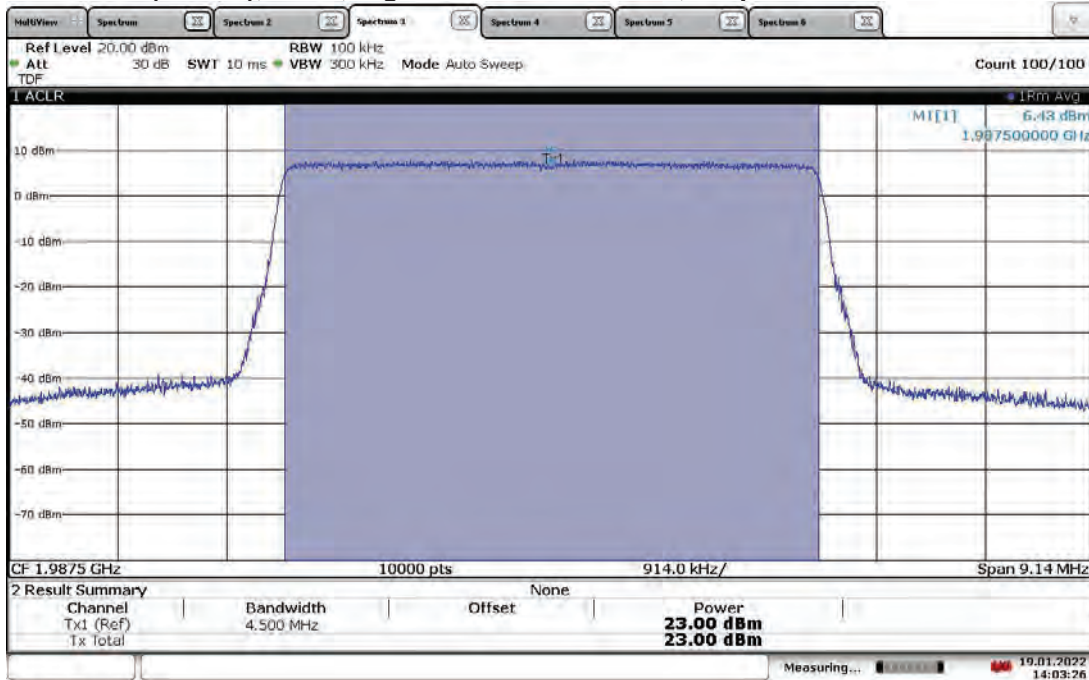


**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1987.5 MHz, Output Power = 22.37 dBm**



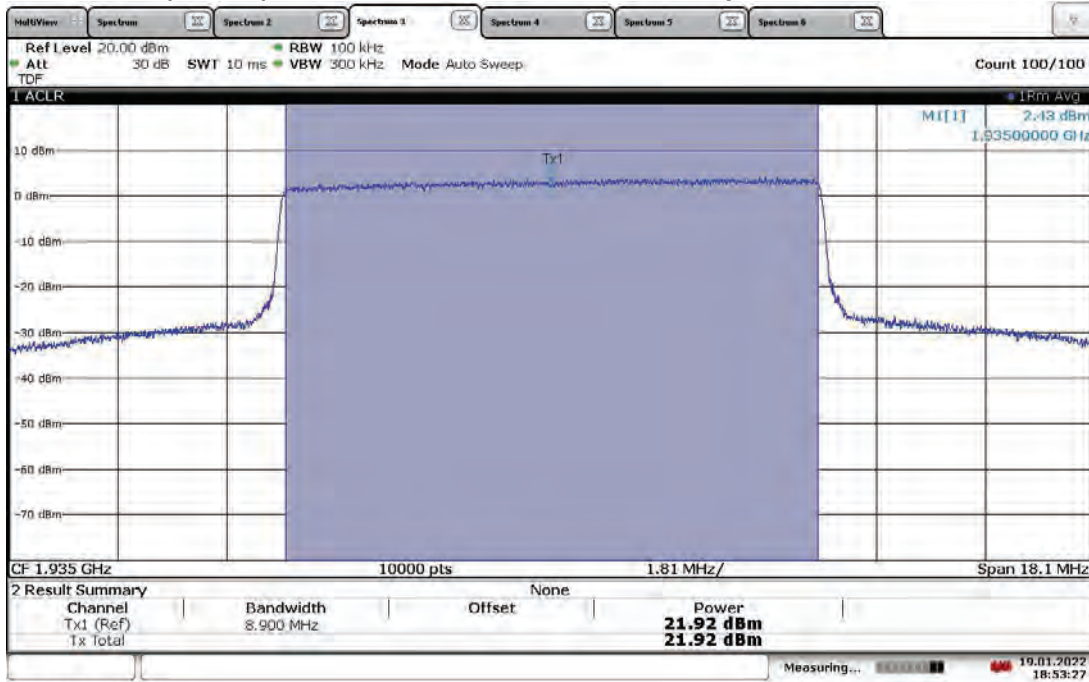
14:01:00 19.01.2022

**TM3.1a-256QAM \_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1987.5 MHz, Output Power = 23.00 dBm**



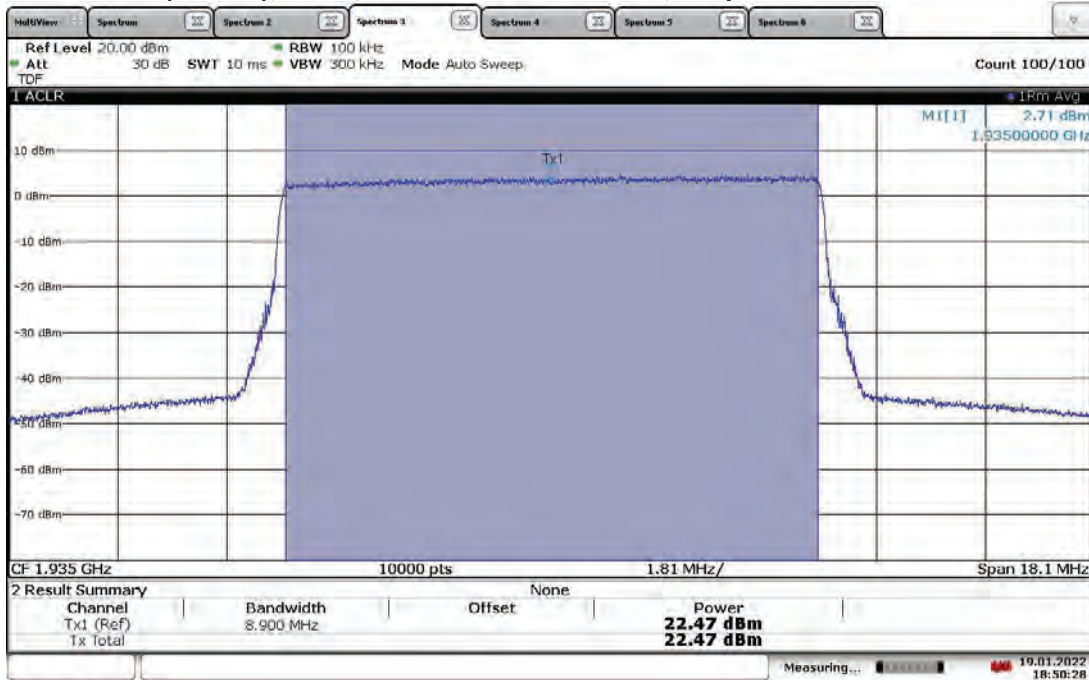
14:03:27 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, Output Power = 21.92 dBm**



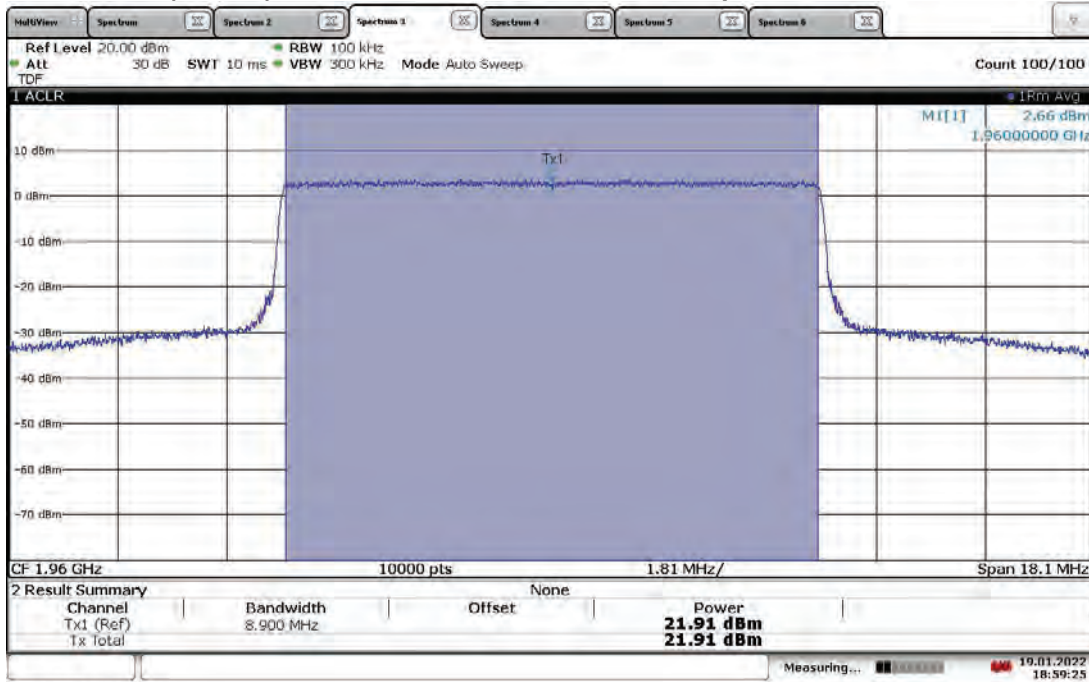
18:53:28 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, Output Power = 22.47 dBm**



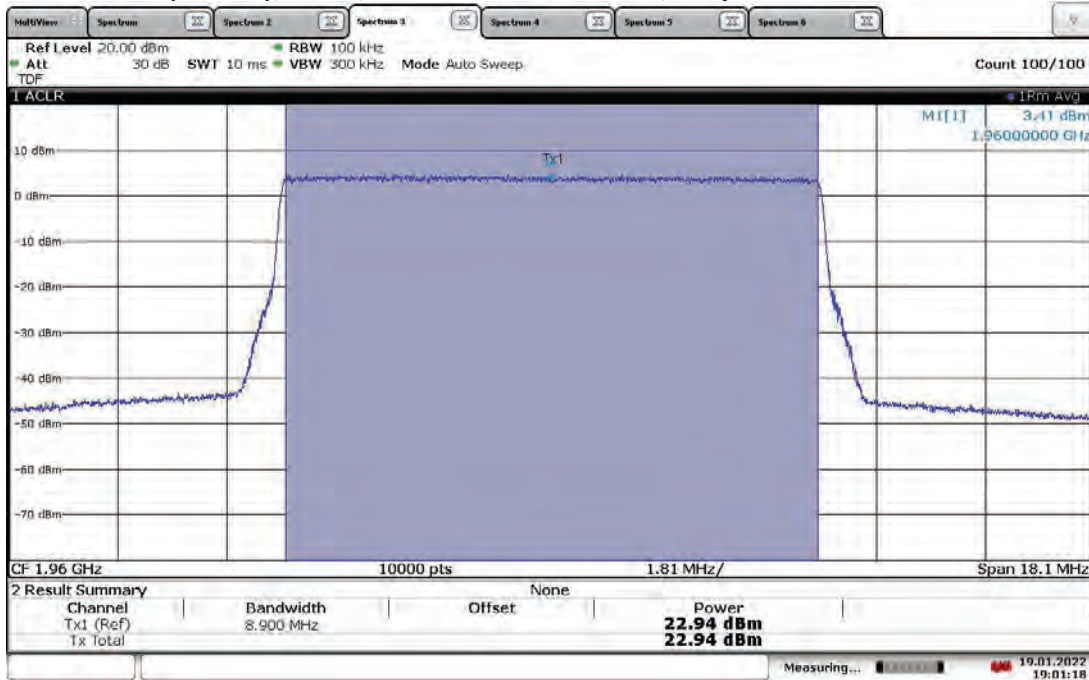
18:50:28 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.91 dBm**



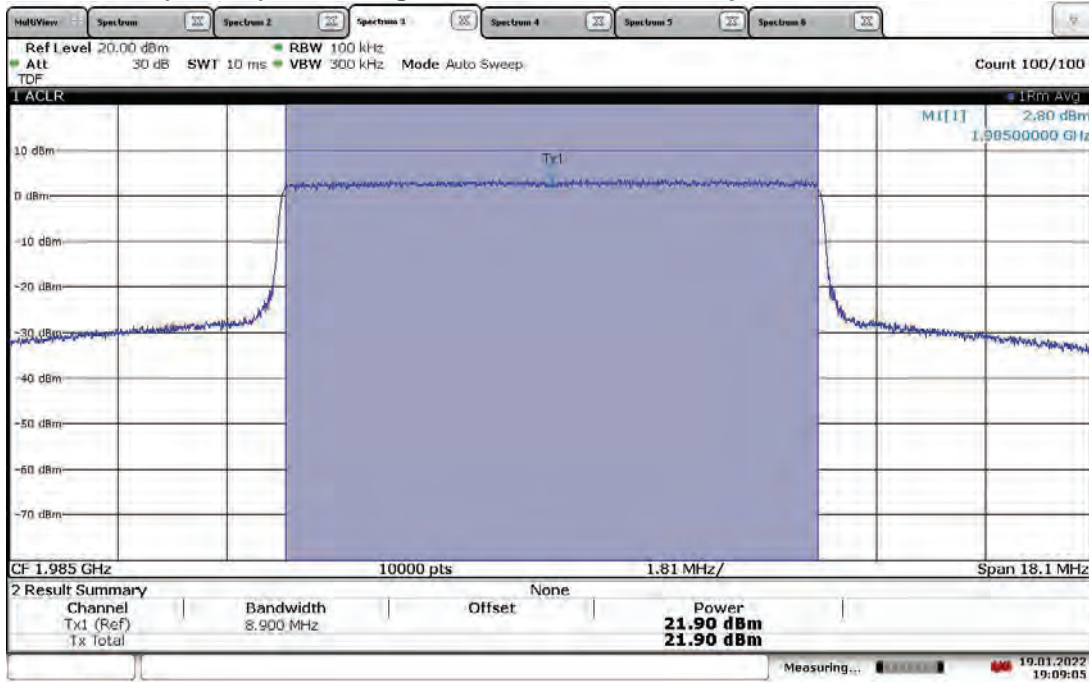
18:59:25 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.94 dBm**



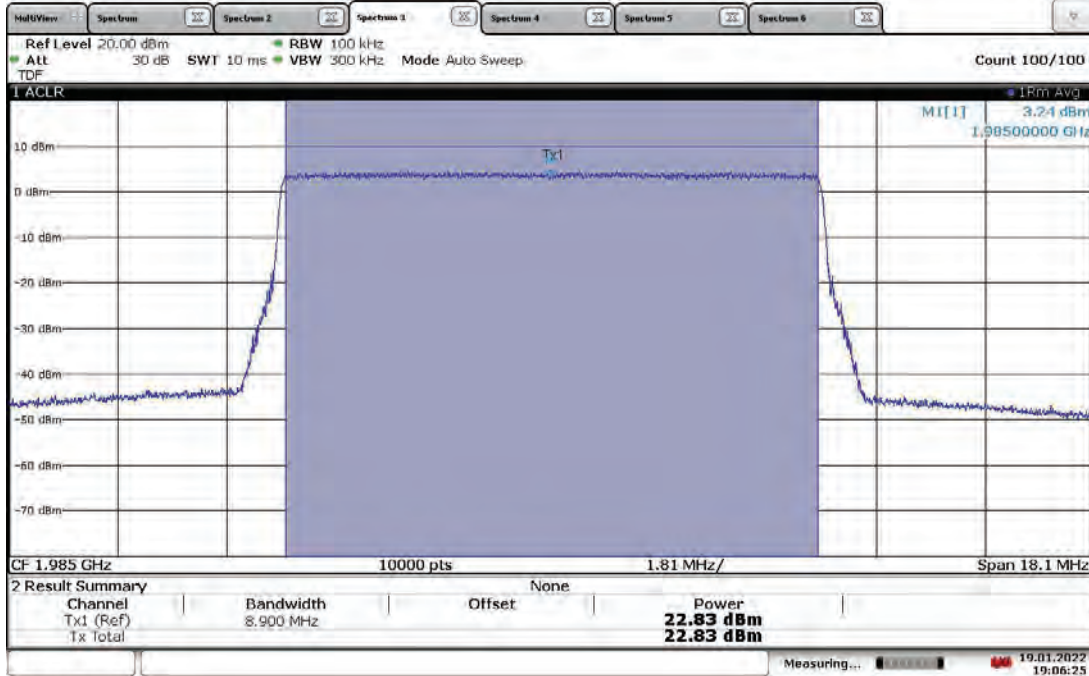
19:01:19 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, Output Power = 21.90 dBm**



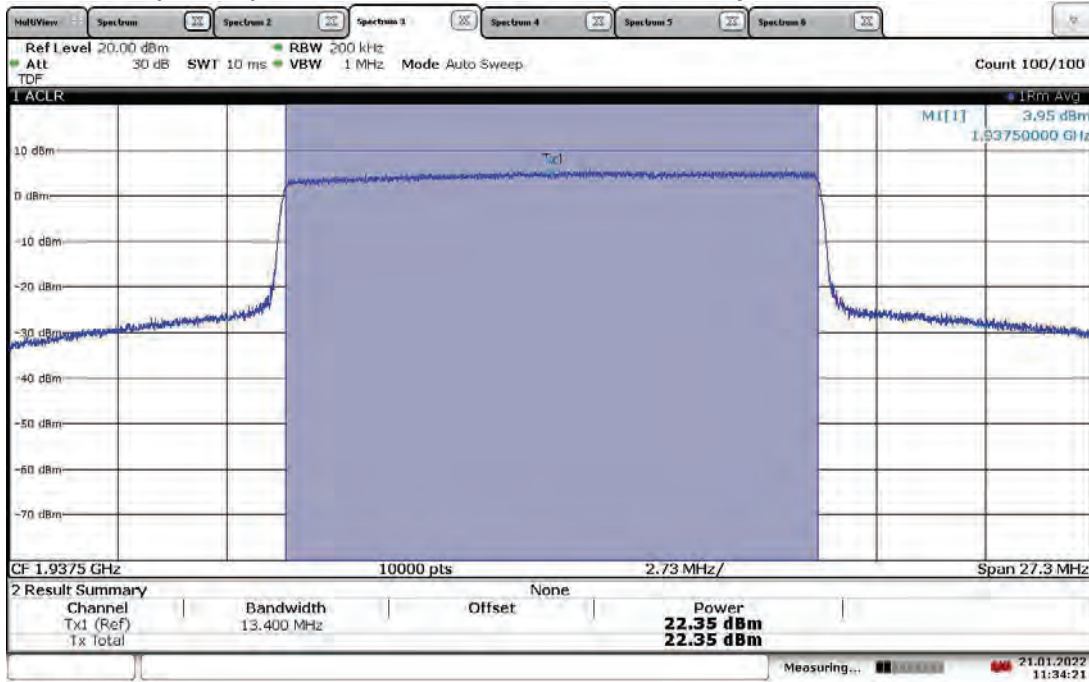
19:09:05 19.01.2022

**TM3.1a-256QAM \_10 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, Output Power = 22.83 dBm**



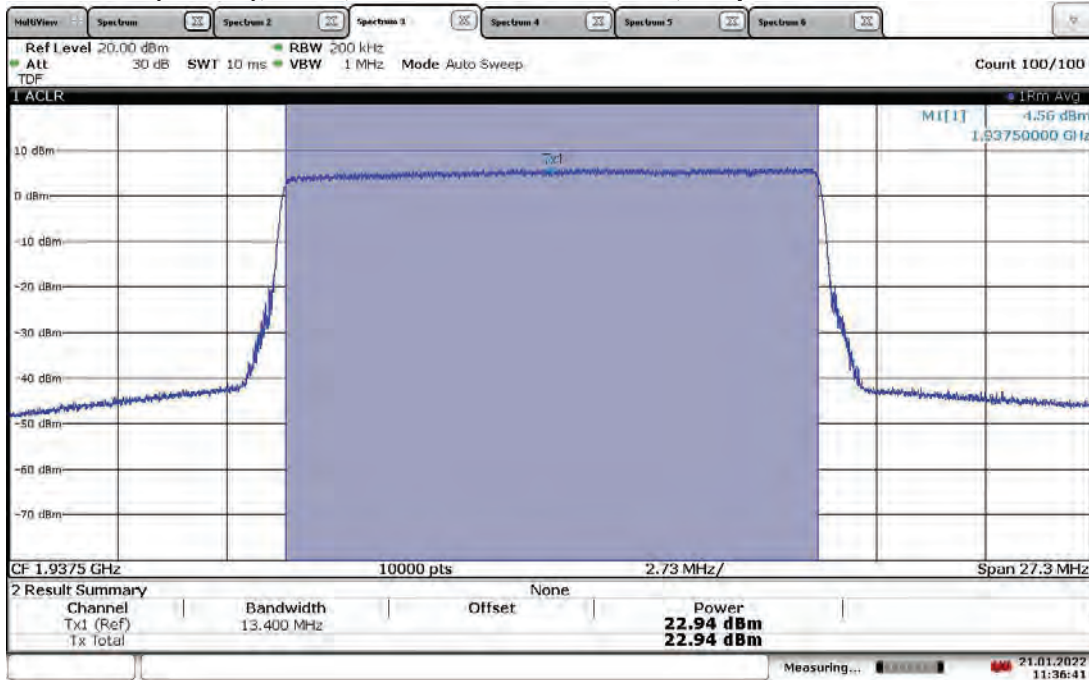
19:06:25 19.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, Output Power = 22.35 dBm**



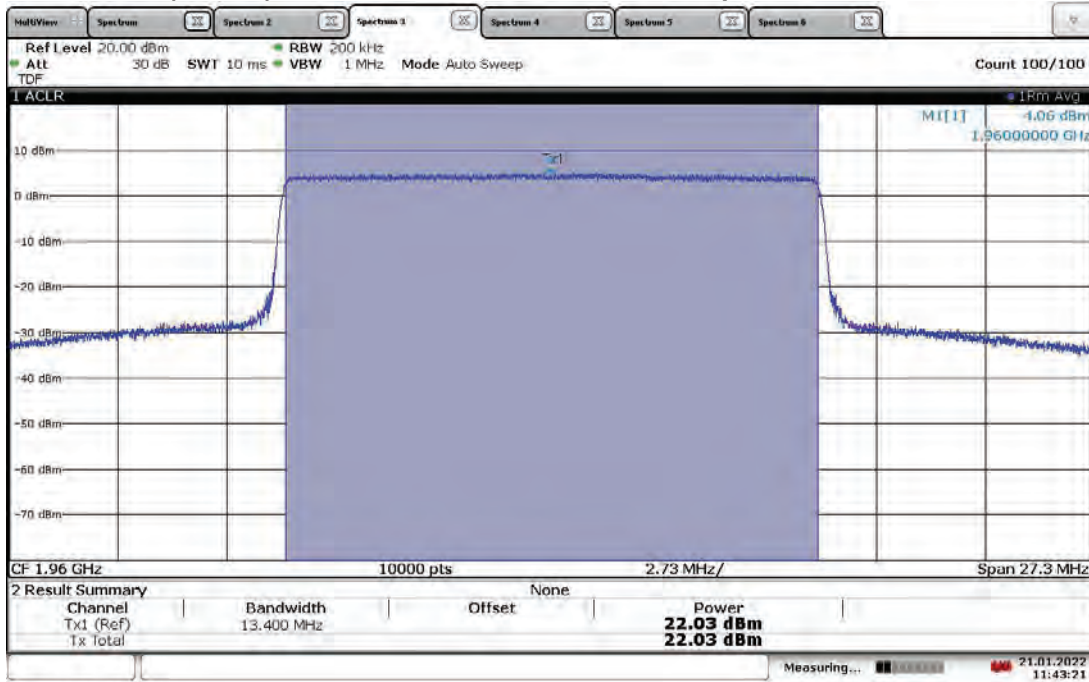
11:34:21 21.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, Output Power = 22.94 dBm**



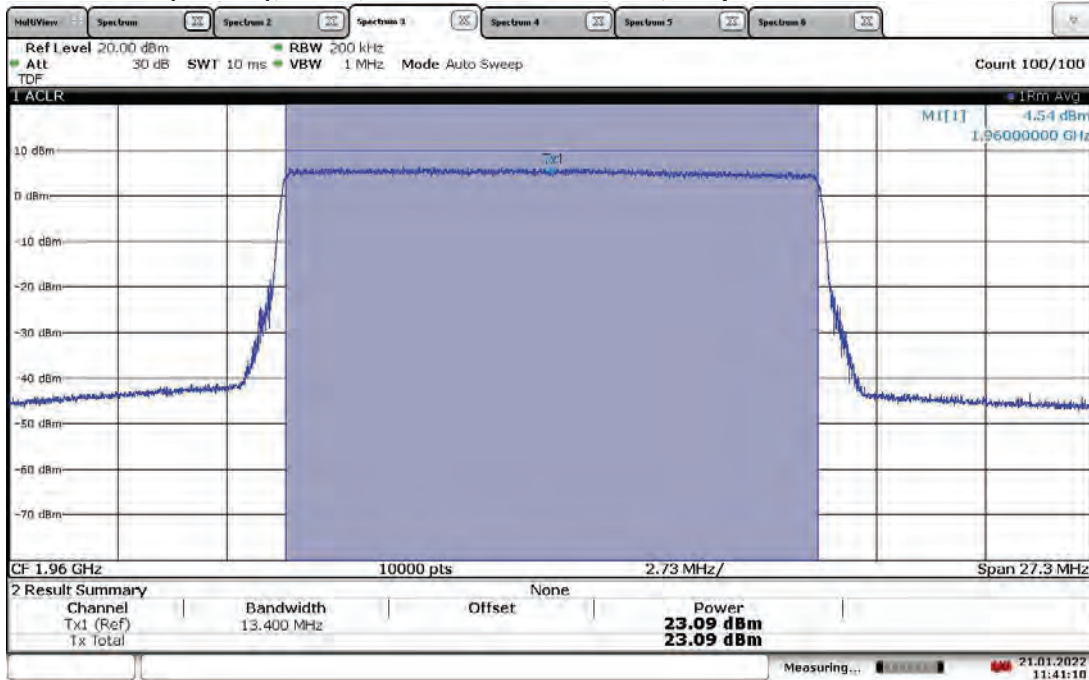
11:36:41 21.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 22.03 dBm**



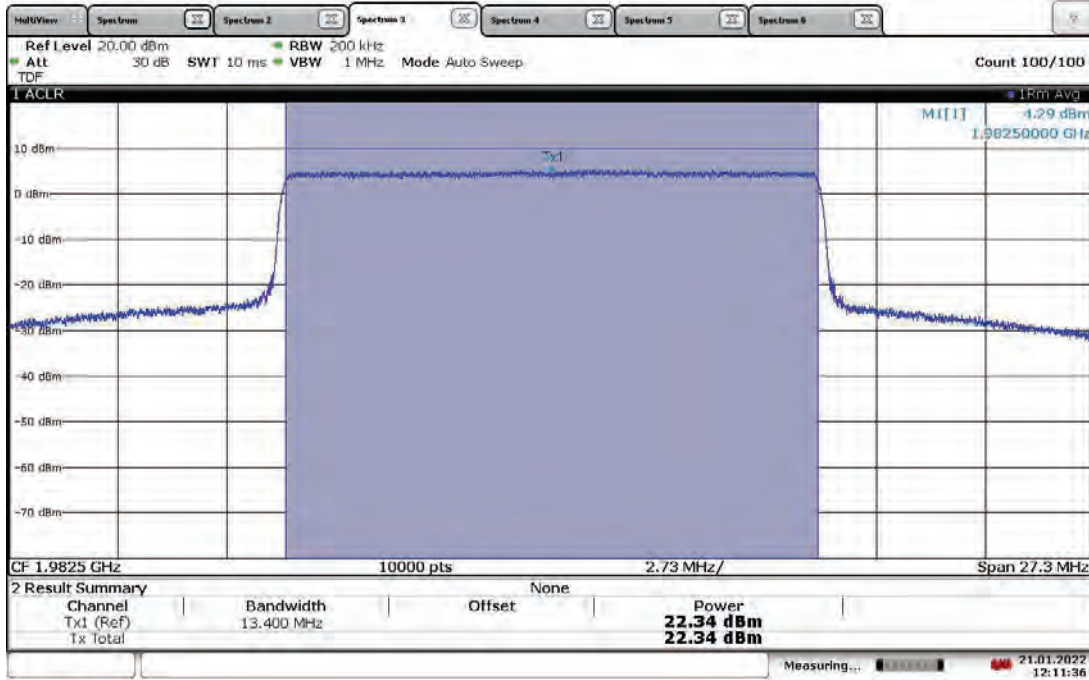
11:43:21 21.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.09 dBm**



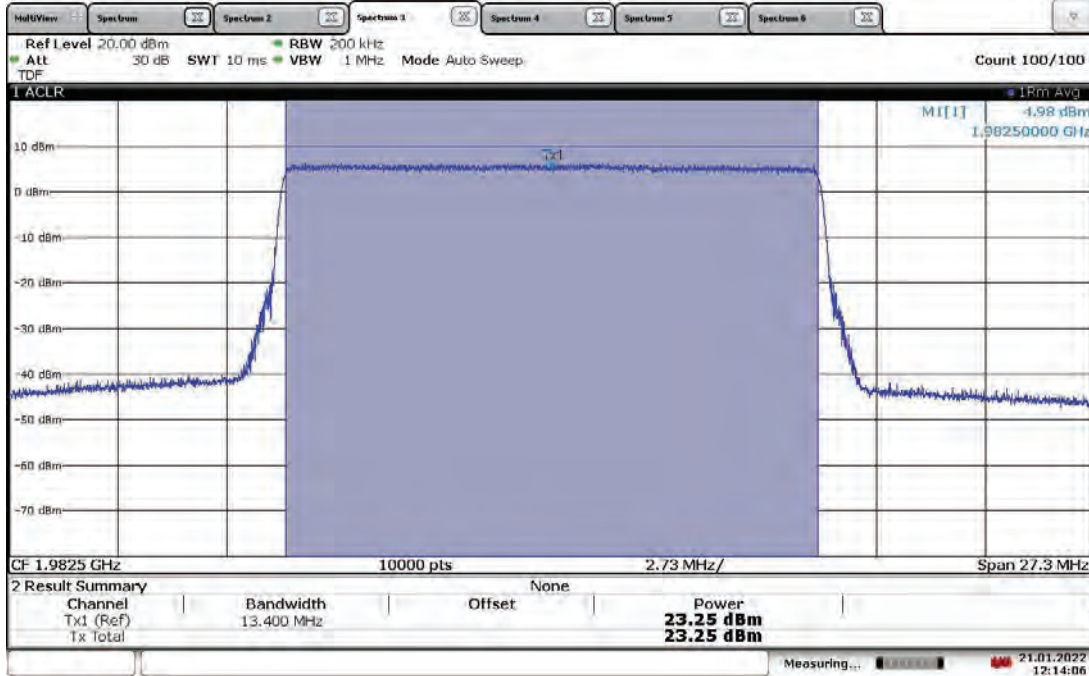
11:41:11 21.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1932.5 MHz, Output Power = 22.34 dBm**



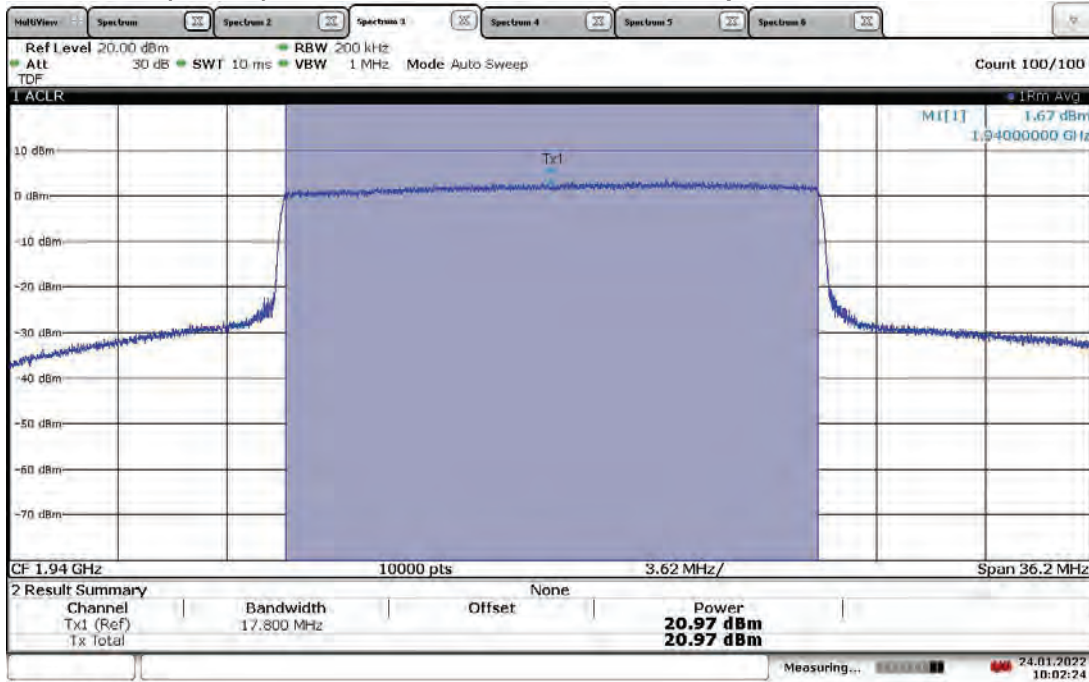
12:11:36 21.01.2022

**TM3.1a-256QAM \_15 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, Output Power = 23.25 dBm**



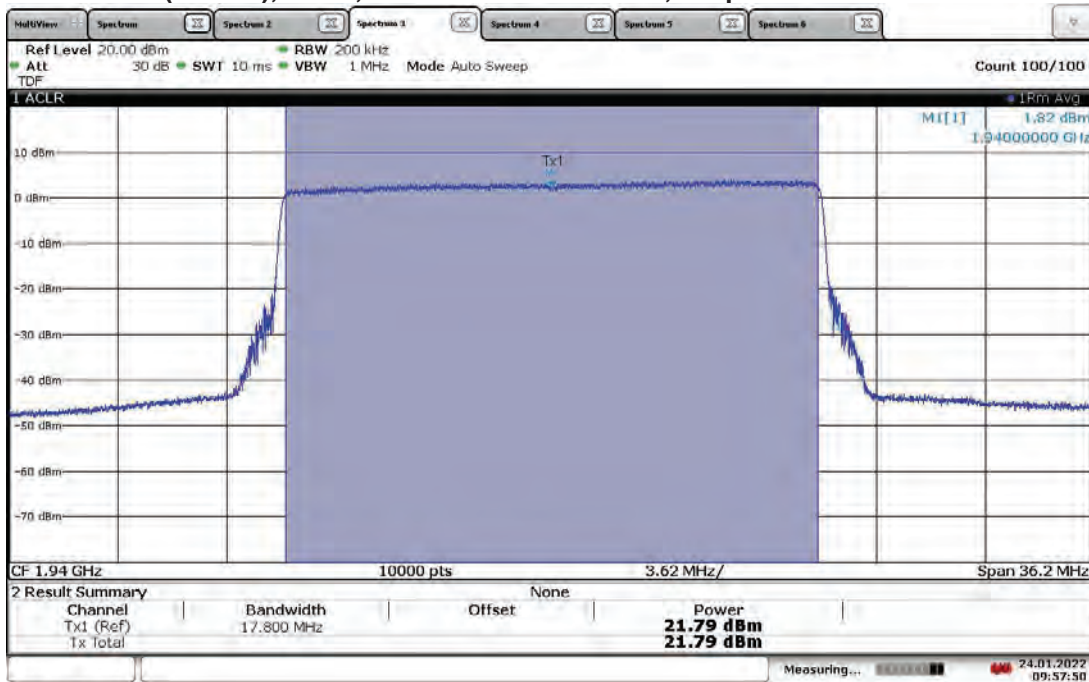
12:14:06 21.01.2022

**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, Output Power = 20.97 dBm**



10:02:25 24.01.2022

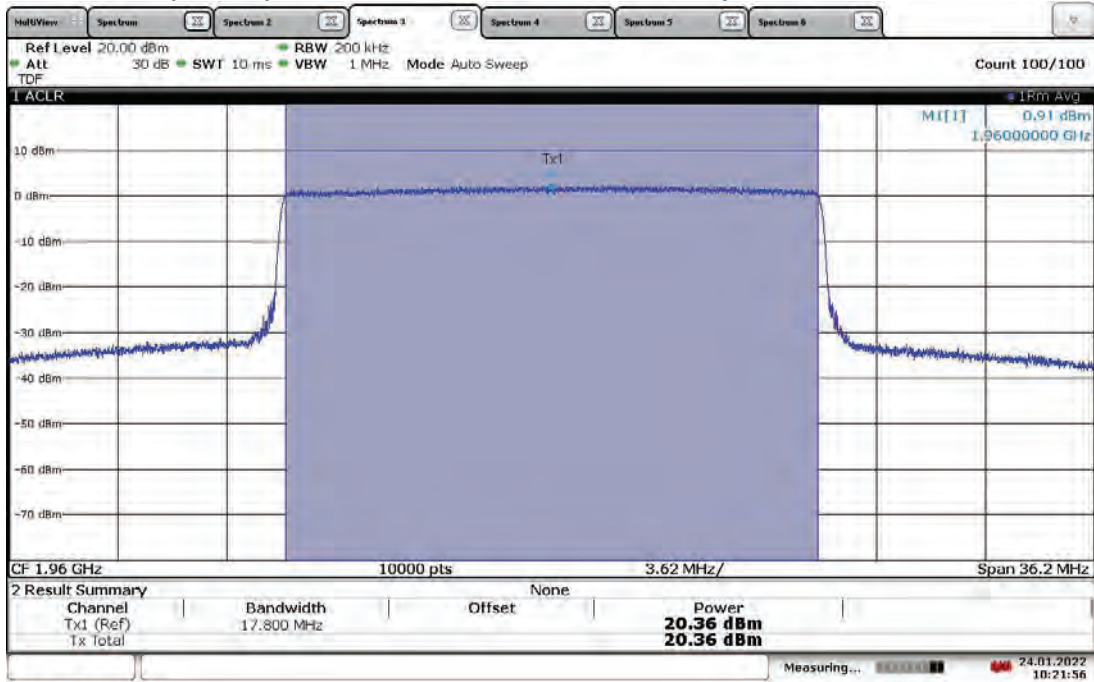
**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, Output Power = 21.79 dBm**



09:57:50 24.01.2022

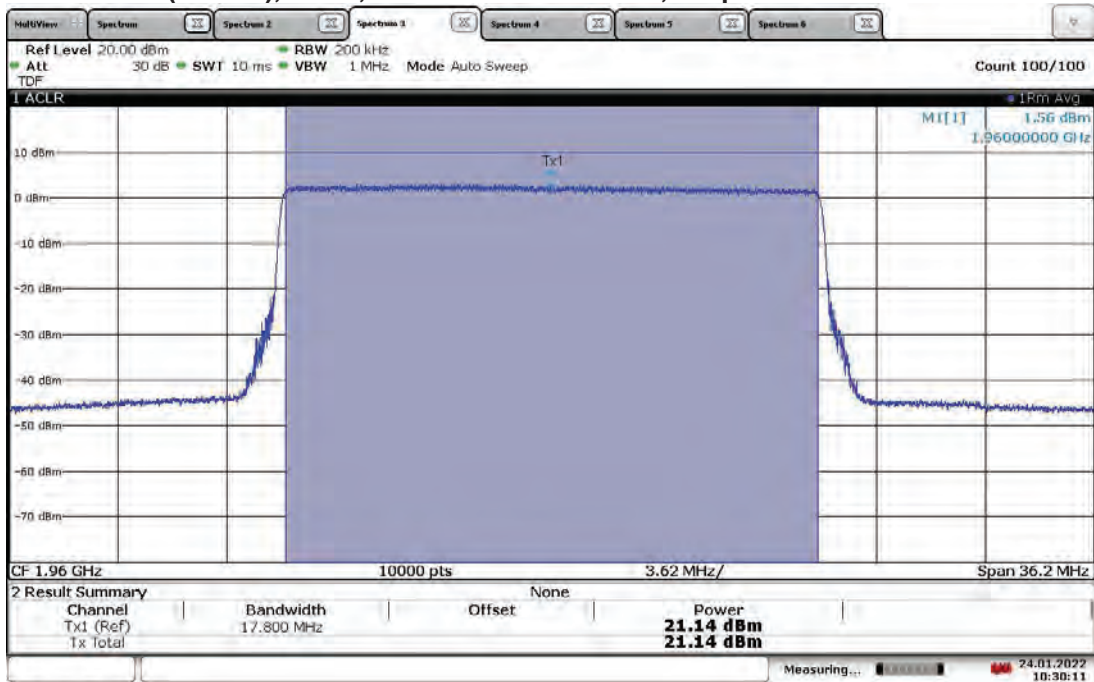


**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 20.36 dBm**



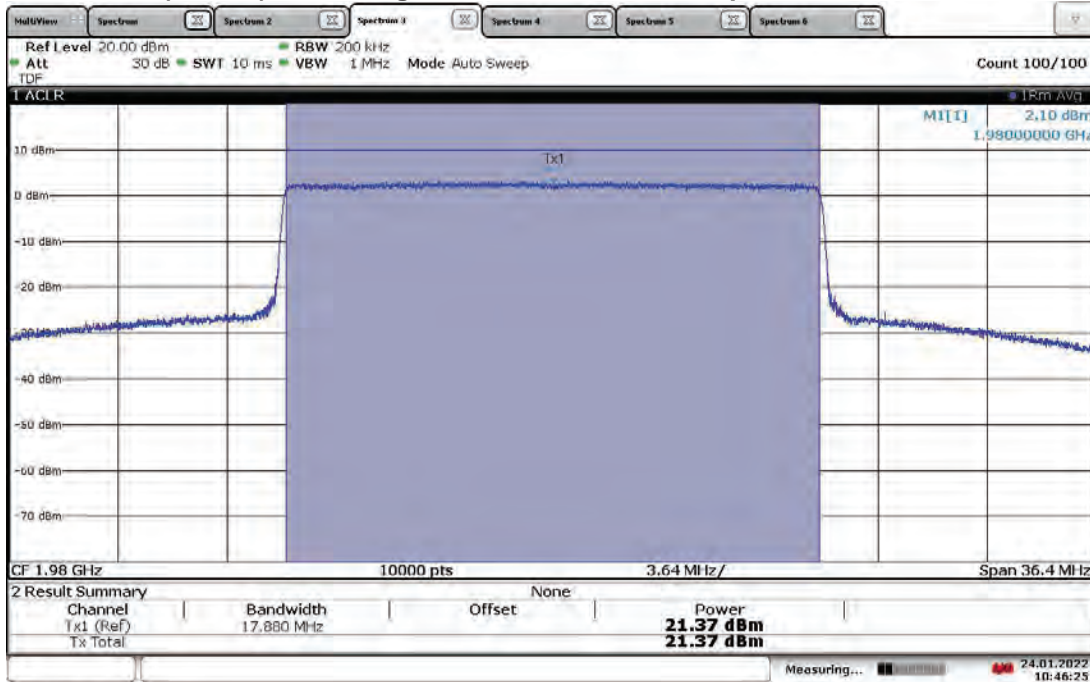
10:21:57 24.01.2022

**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 21.14 dBm**



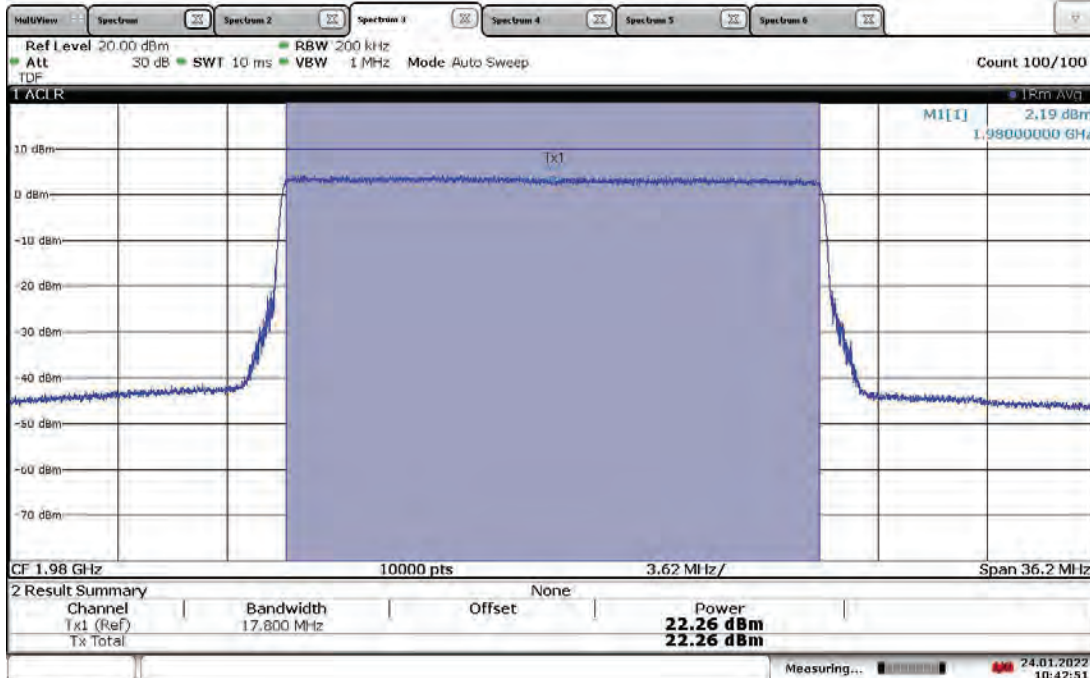
10:30:11 24.01.2022

**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel 1980 MHz, Output Power = 21.37 dBm**



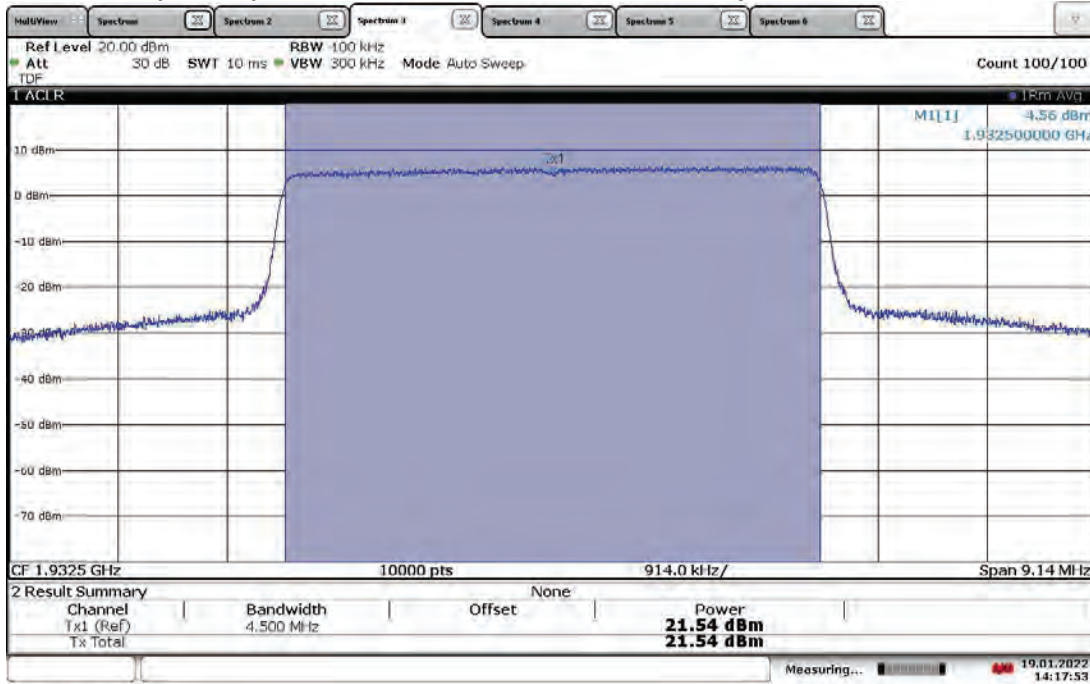
10:46:25 24.01.2022

**TM3.1a-256QAM \_20 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel 1980 MHz, Output Power = 22.26 dBm**



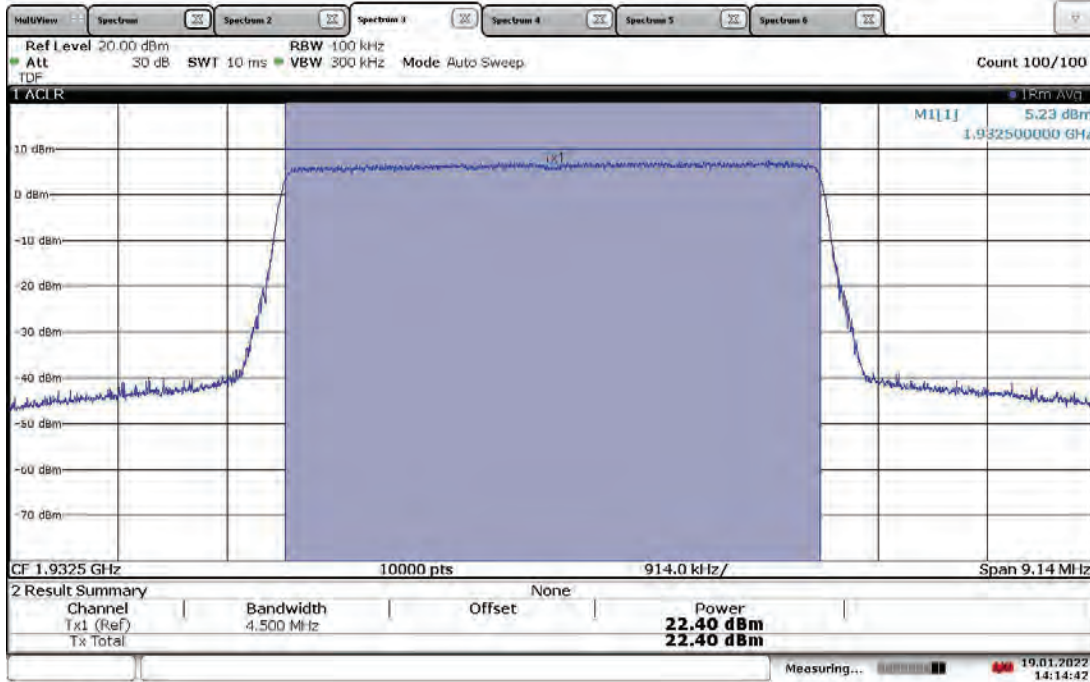
10:42:51 24.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.54 dBm**



14:17:54 19.01.2022

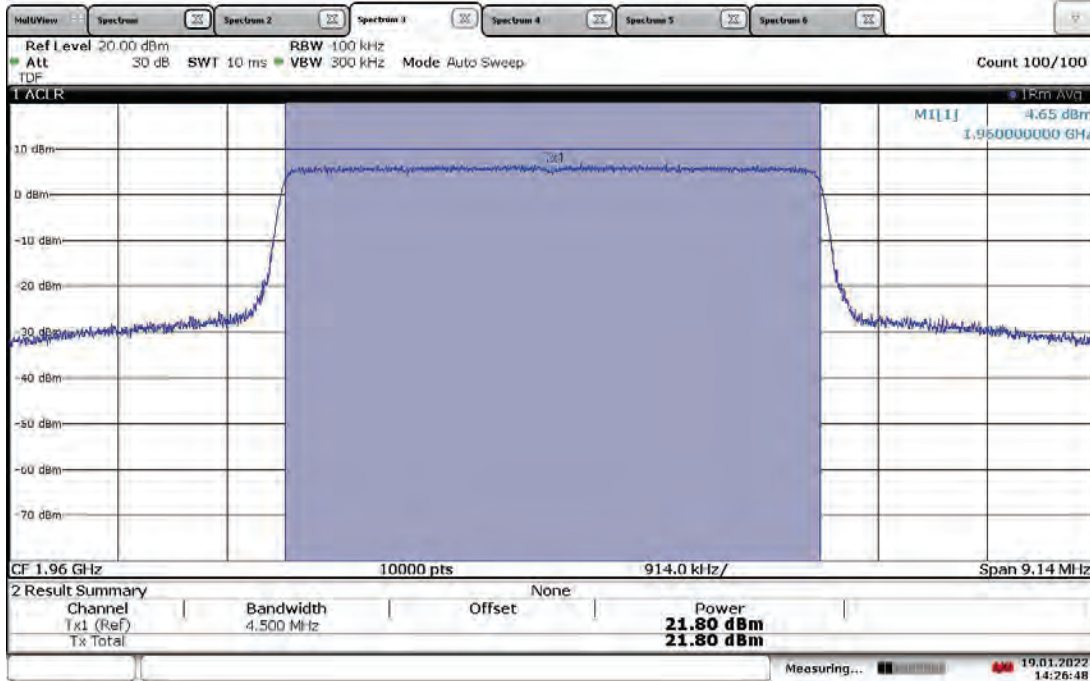
**TM1.1-QPSK\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.40 dBm**



14:14:42 19.01.2022

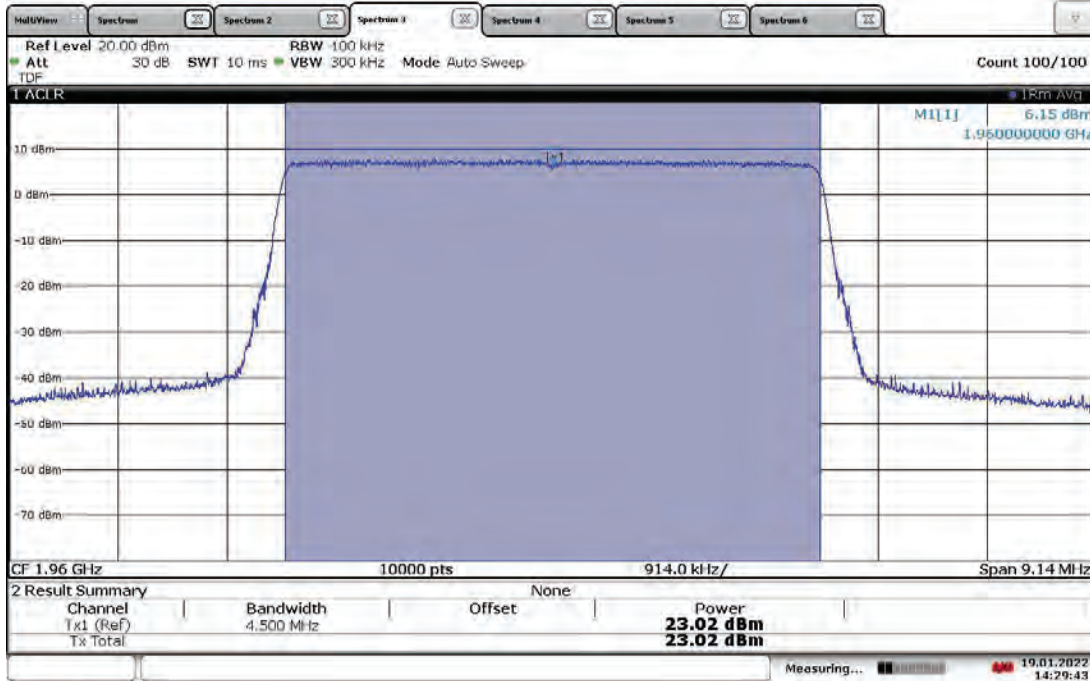
TM1.1-QPSK\_5 MHz Bandwidth (5G nR)

Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.80 dBm

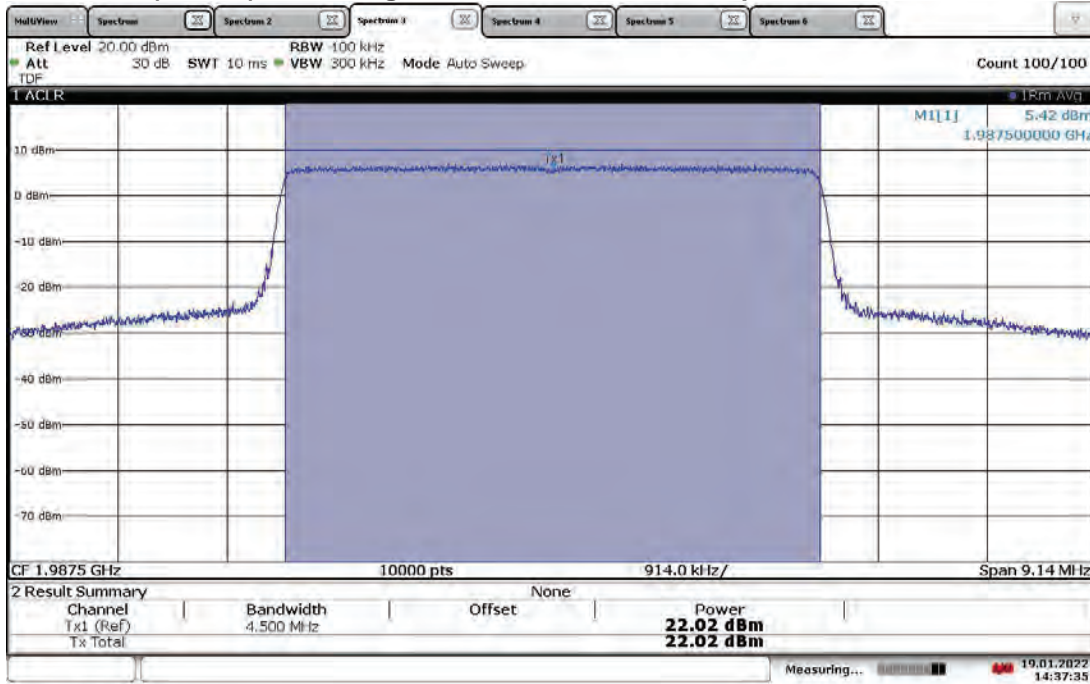


TM1.1-QPSK\_5 MHz Bandwidth (5G nR)

Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.02 dBm

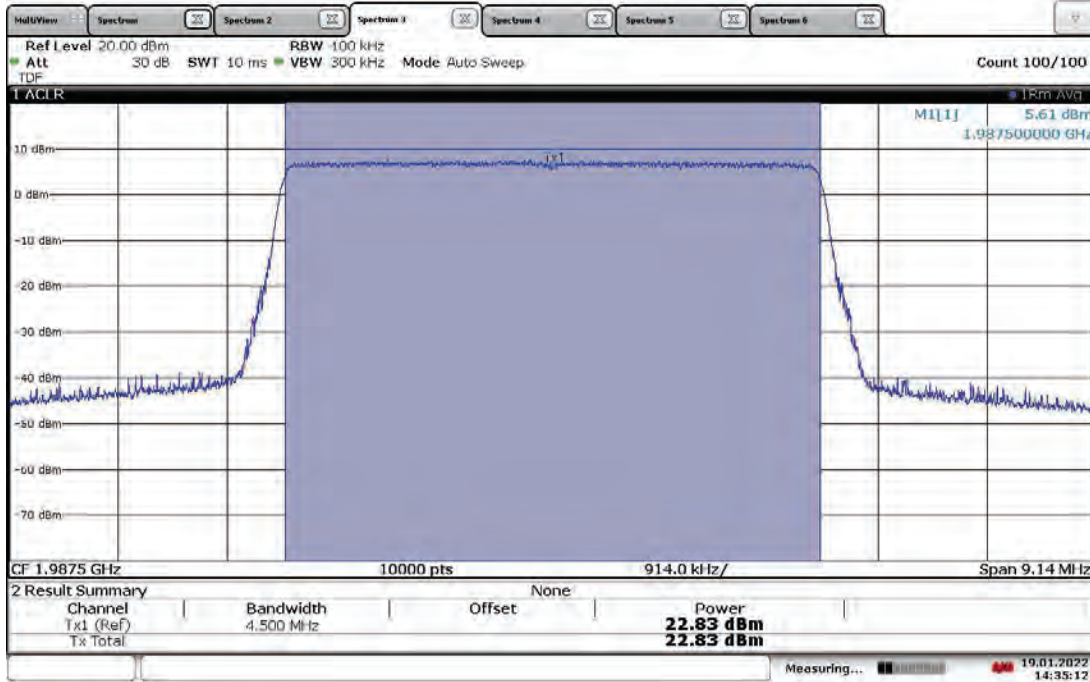


**TM1.1-QPSK\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, High Channel 1987.5 MHz, Output Power = 22.02 dBm**



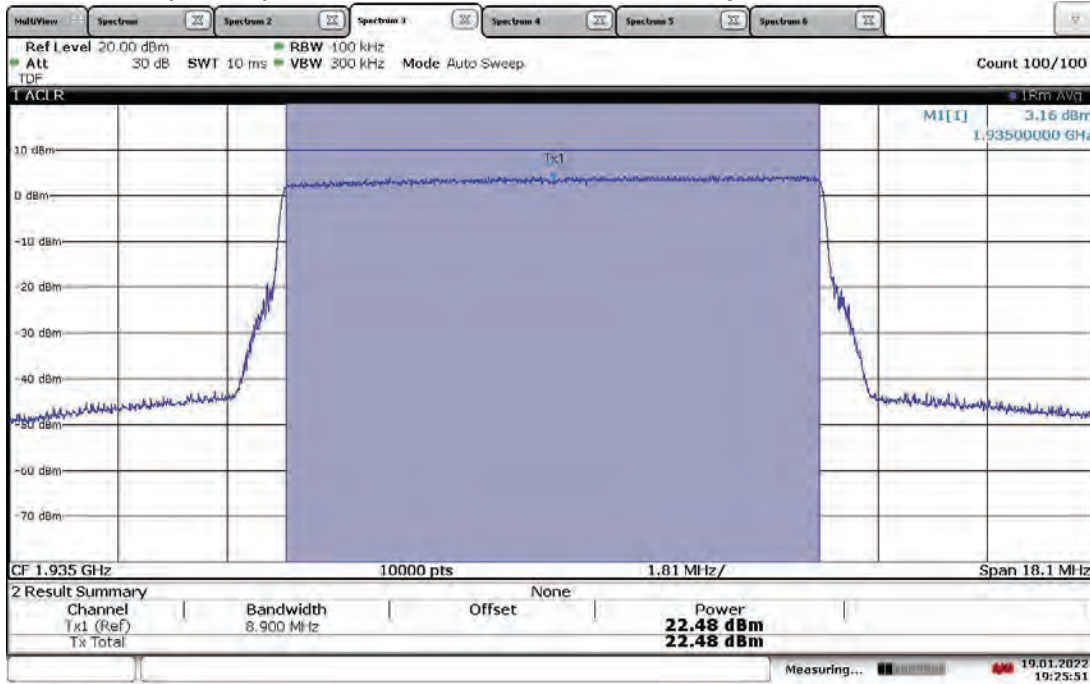
14:37:36 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, High Channel 1987.5 MHz, Output Power = 22.83 dBm**



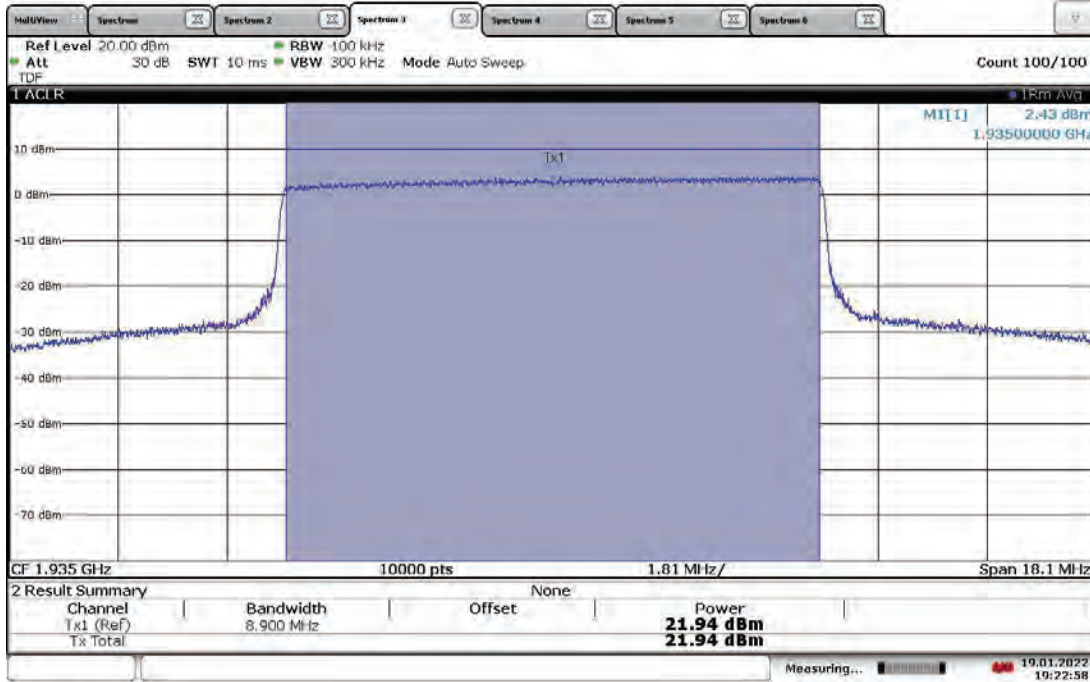
14:35:12 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, Output Power = 22.48 dBm**



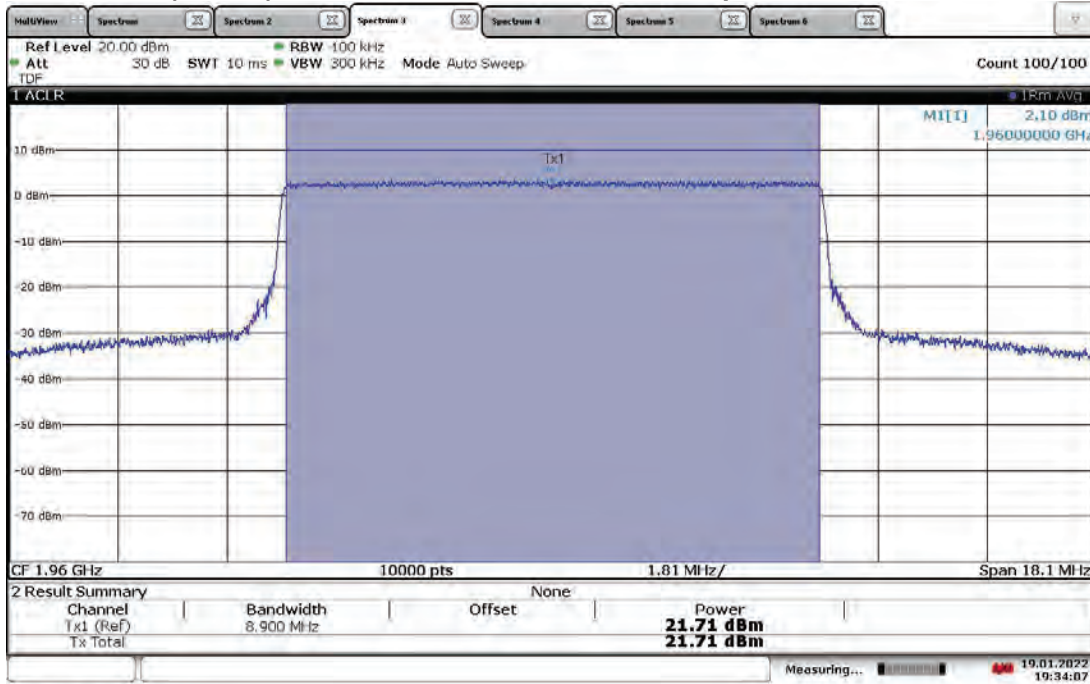
19:25:52 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, Output Power = 21.94 dBm**



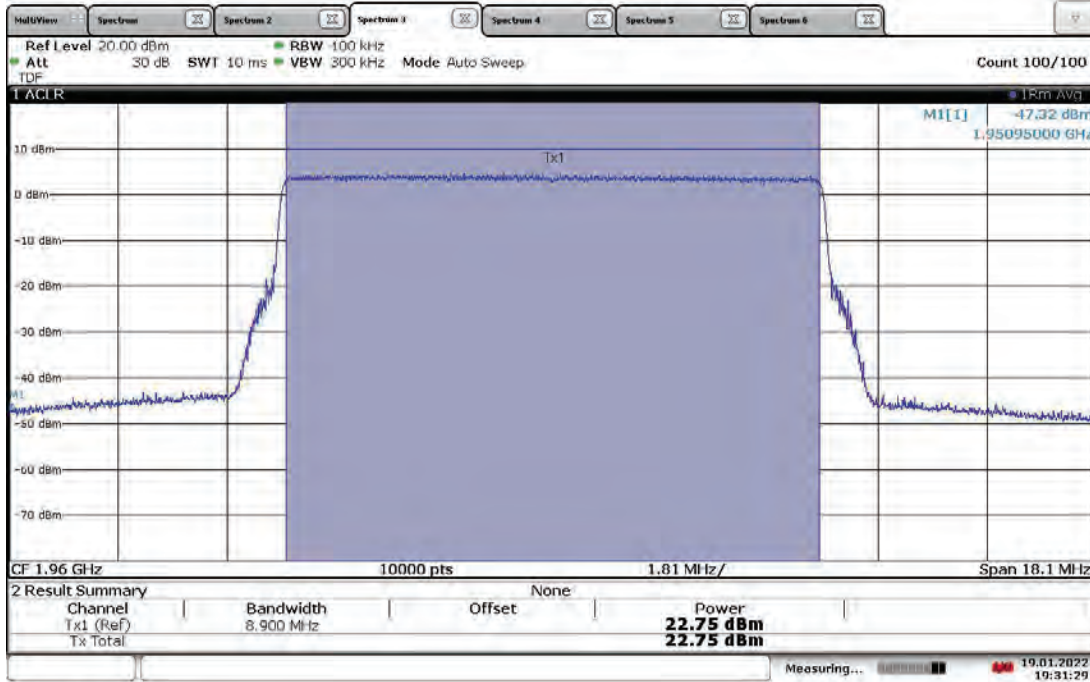
19:22:58 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.71 dBm**



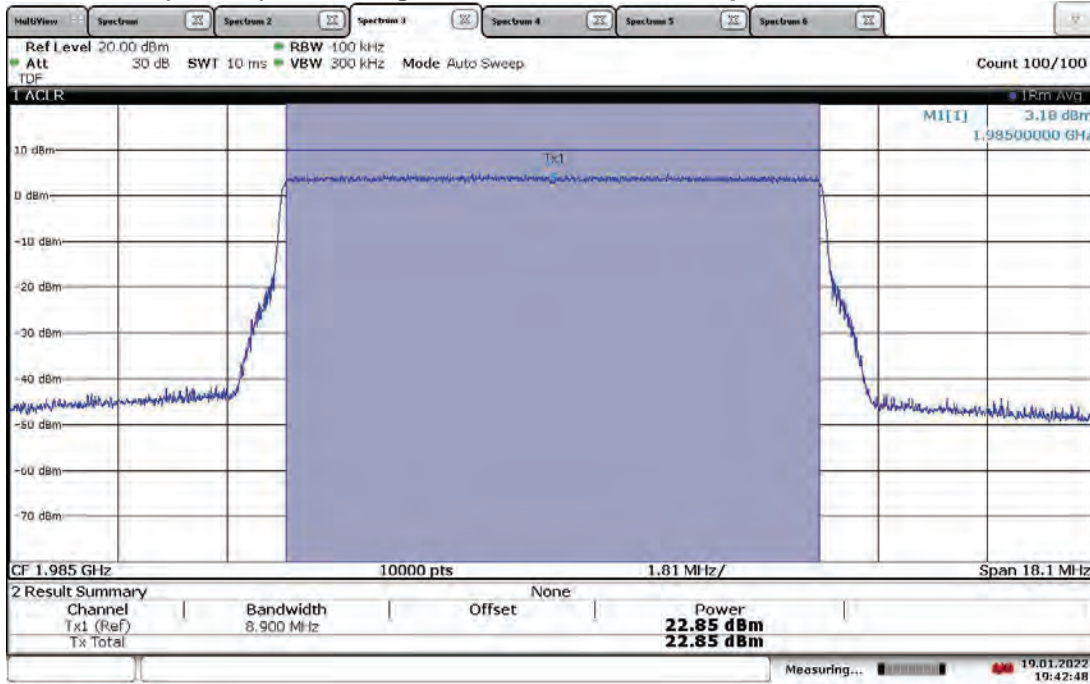
19:34:07 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.75 dBm**



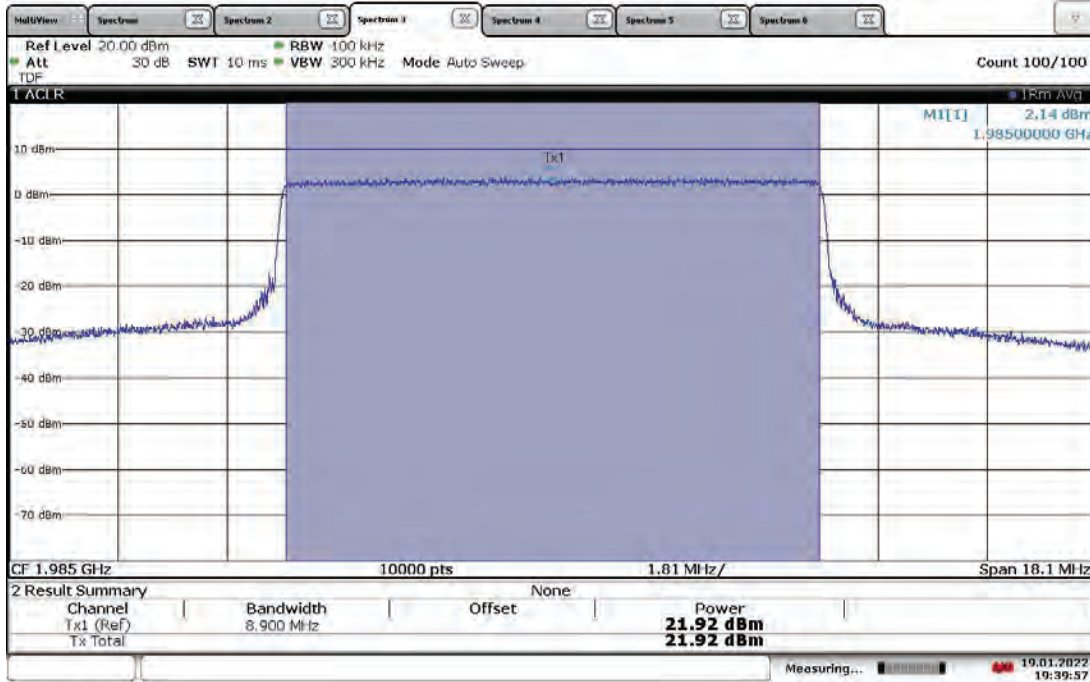
19:31:29 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, Output Power = 22.85 dBm**



19:42:48 19.01.2022

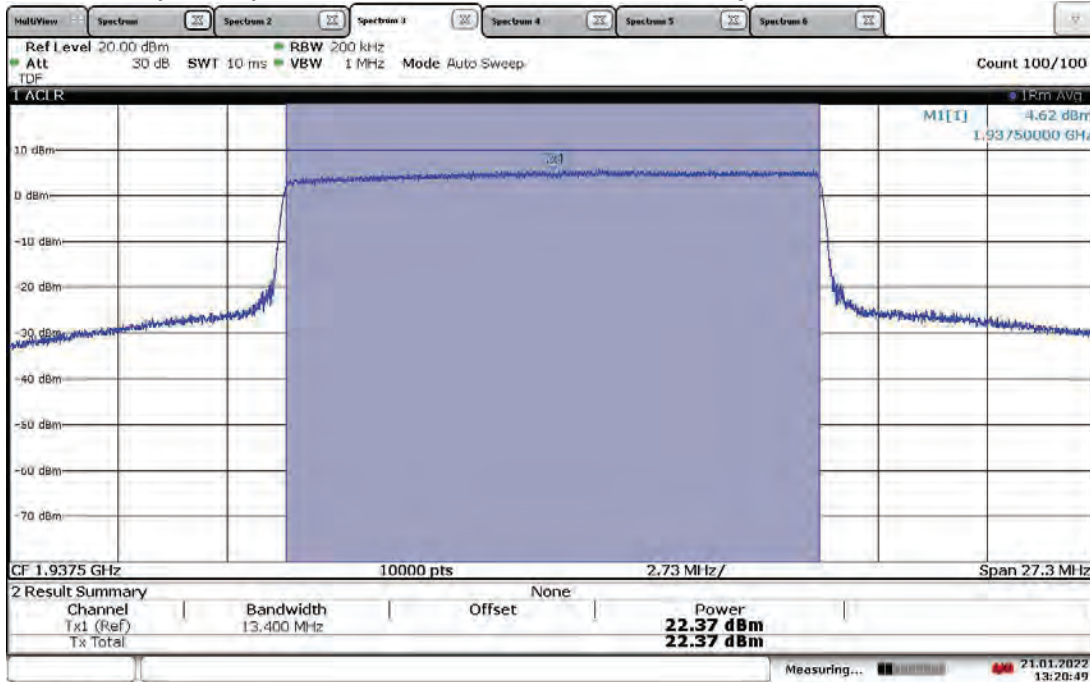
**TM1.1-QPSK\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, Output Power = 21.92 dBm**



19:39:57 19.01.2022

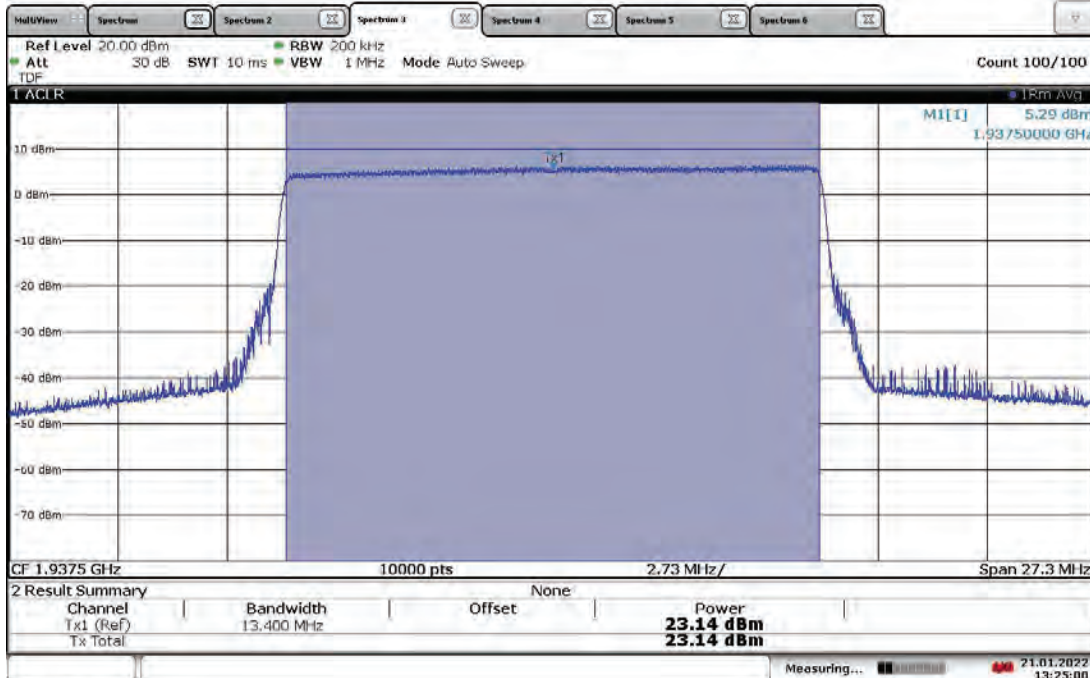


**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, Output Power = 22.37 dBm**



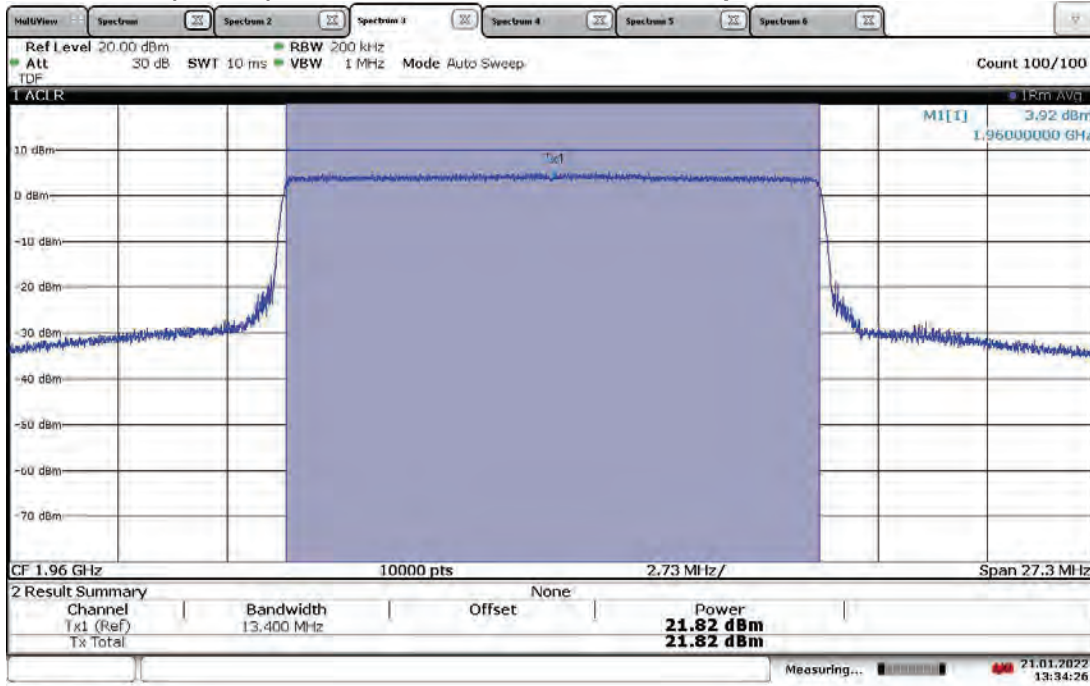
13:20:50 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, Output Power = 23.14 dBm**



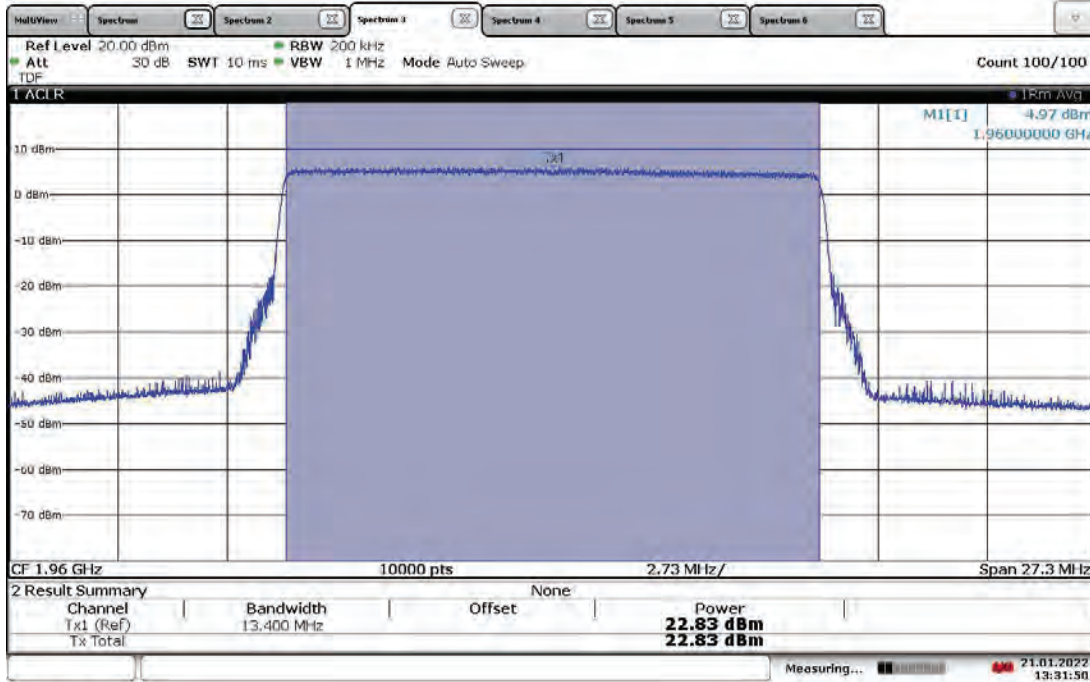
13:25:00 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.82 dBm**



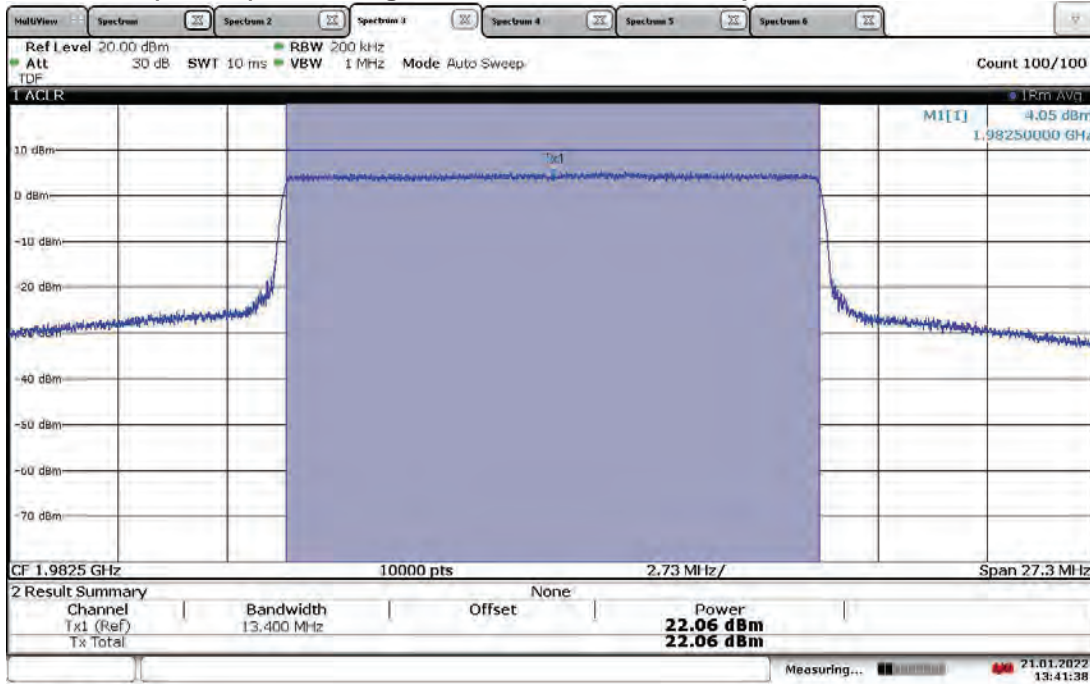
13:34:26 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 22.83 dBm**



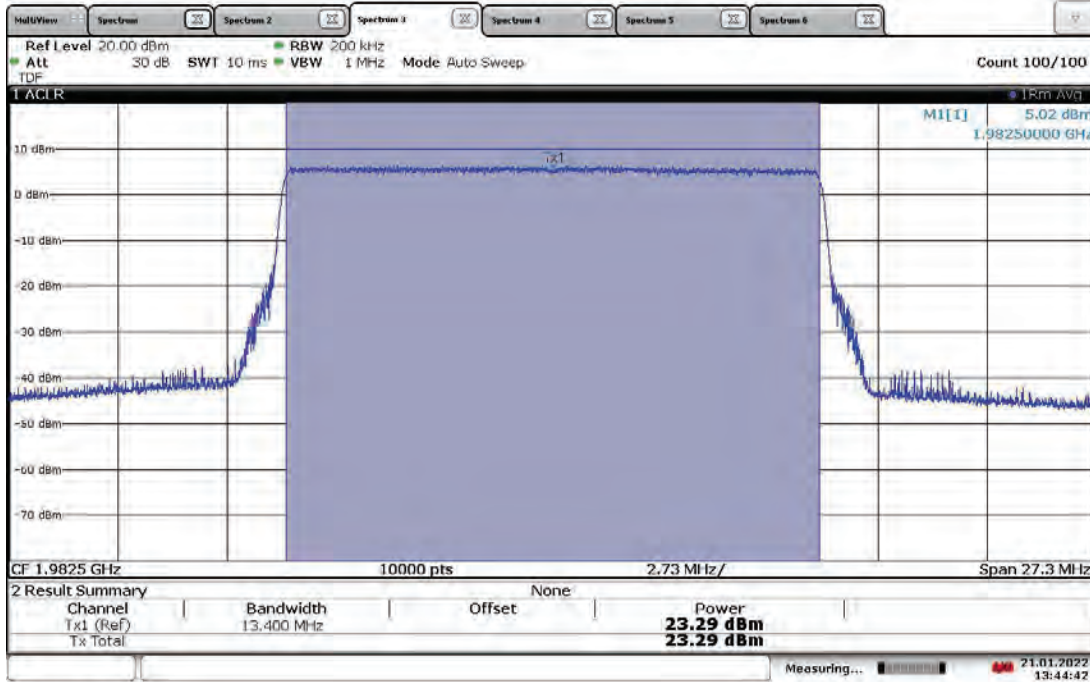
13:31:51 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, High Channel 1982.5 MHz, Output Power = 22.06 dBm**



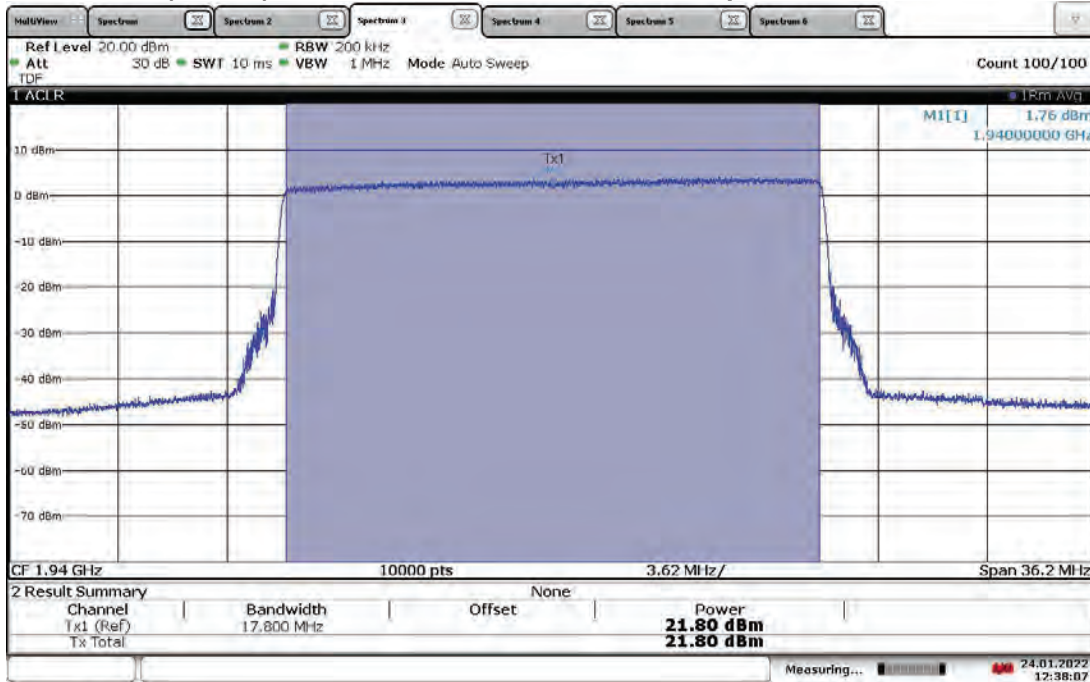
13:41:38 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, Output Power = 23.29 dBm**



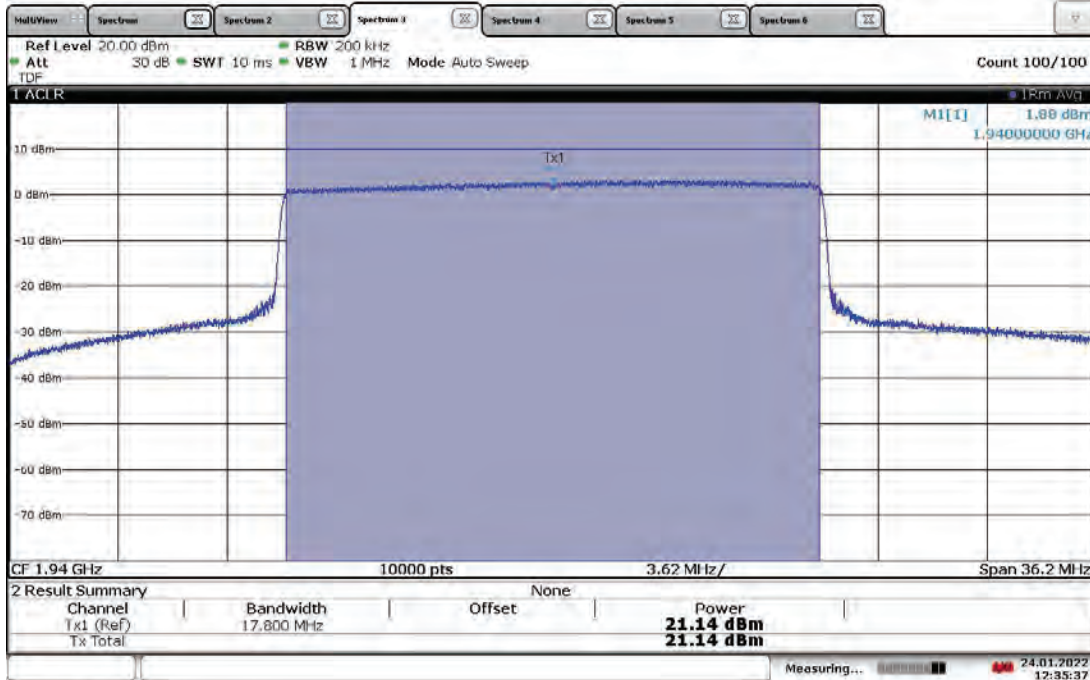
13:44:42 21.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, Output Power = 21.80 dBm**



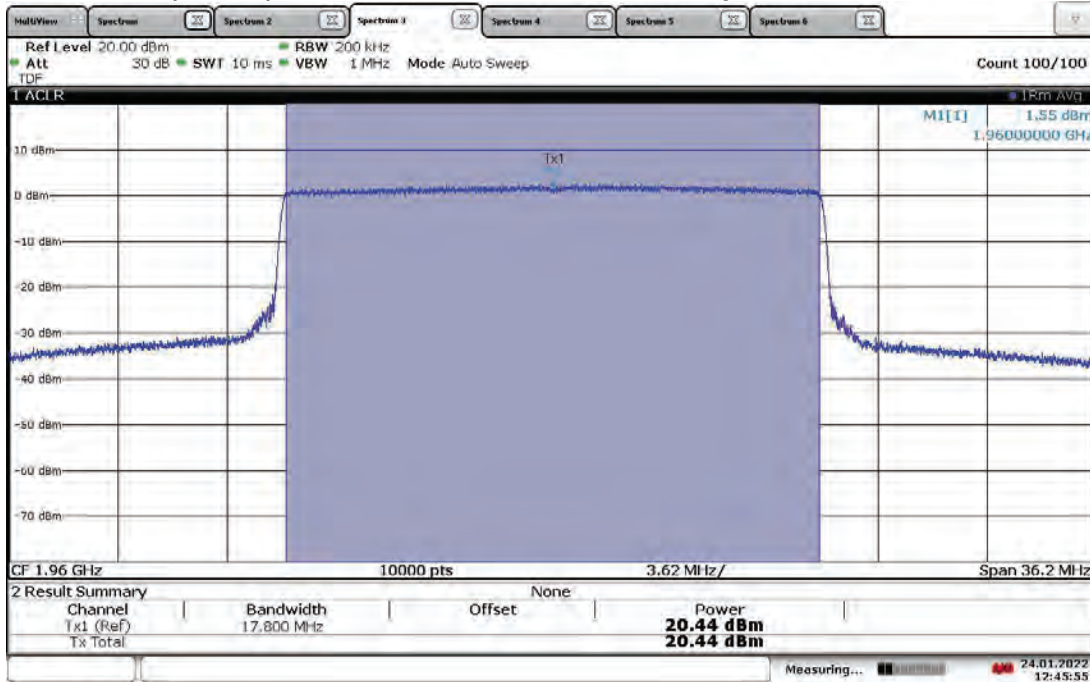
12:38:07 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, Output Power = 21.14 dBm**



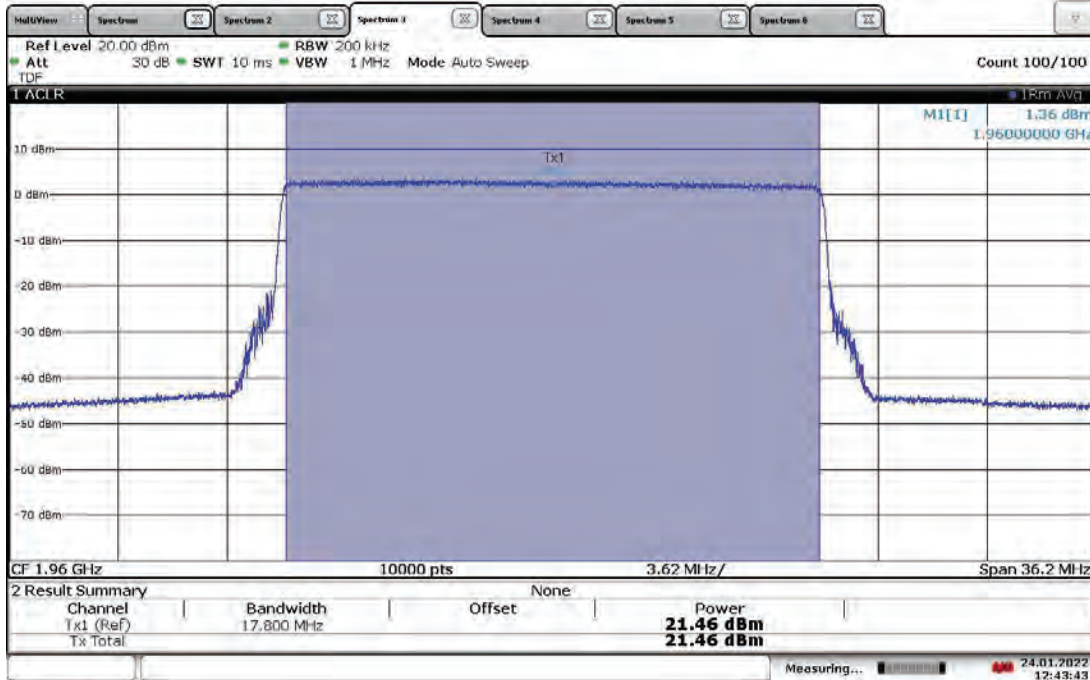
12:35:37 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 20.44 dBm**



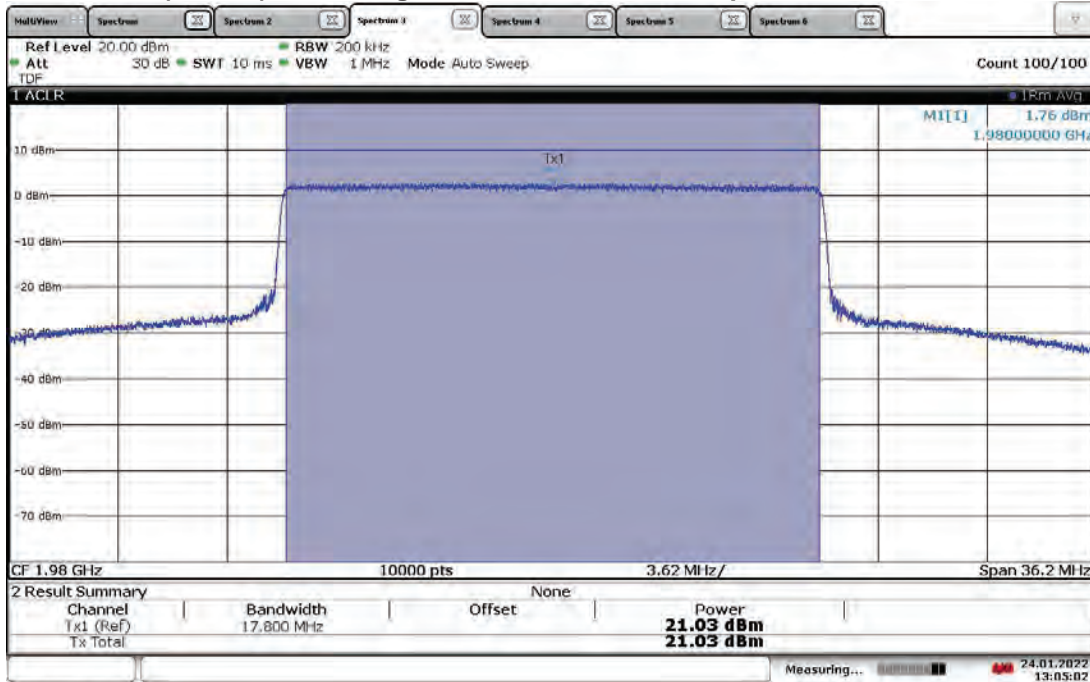
12:45:55 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 21.46 dBm**



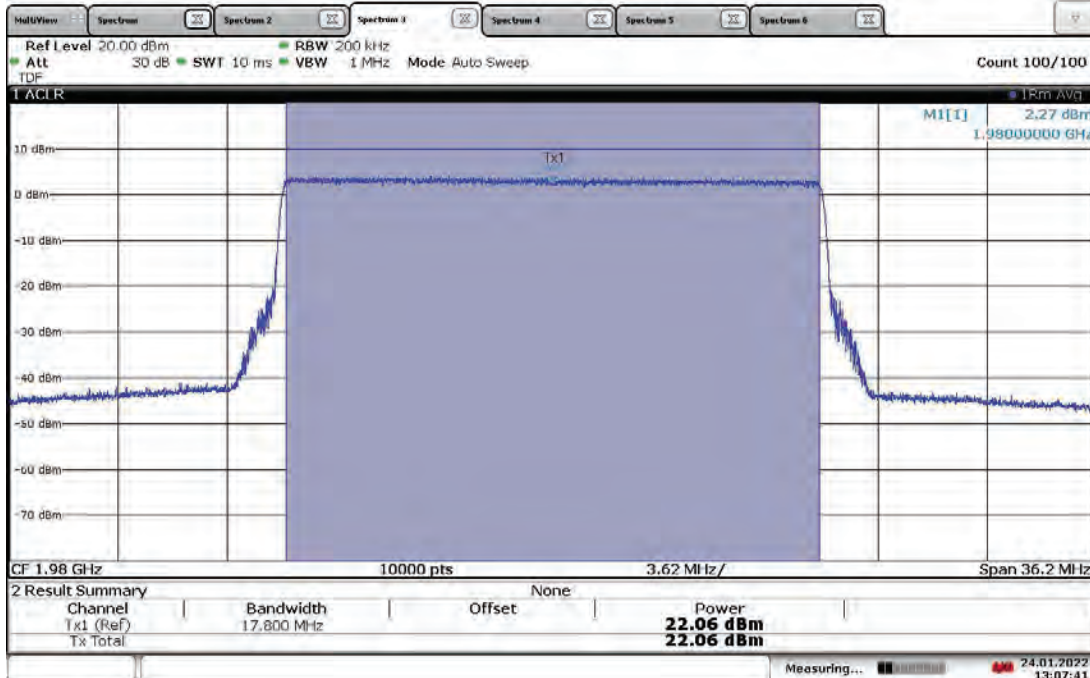
12:43:43 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, High Channel 1980 MHz, Output Power = 21.03 dBm**



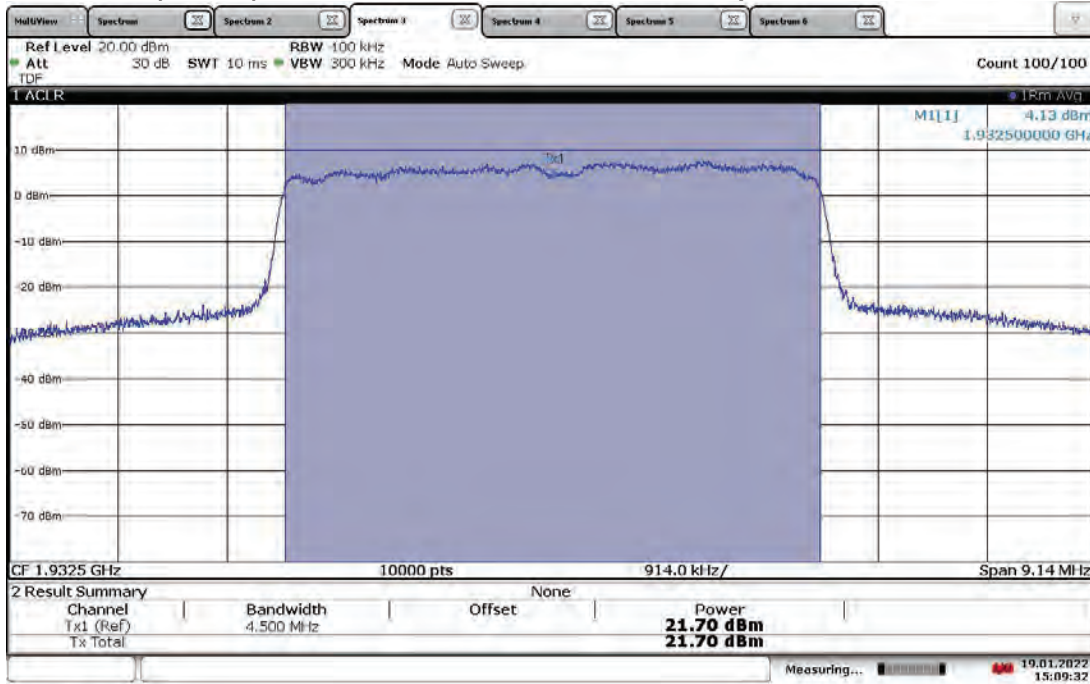
13:05:02 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, High Channel 1980 MHz, Output Power = 22.06 dBm**



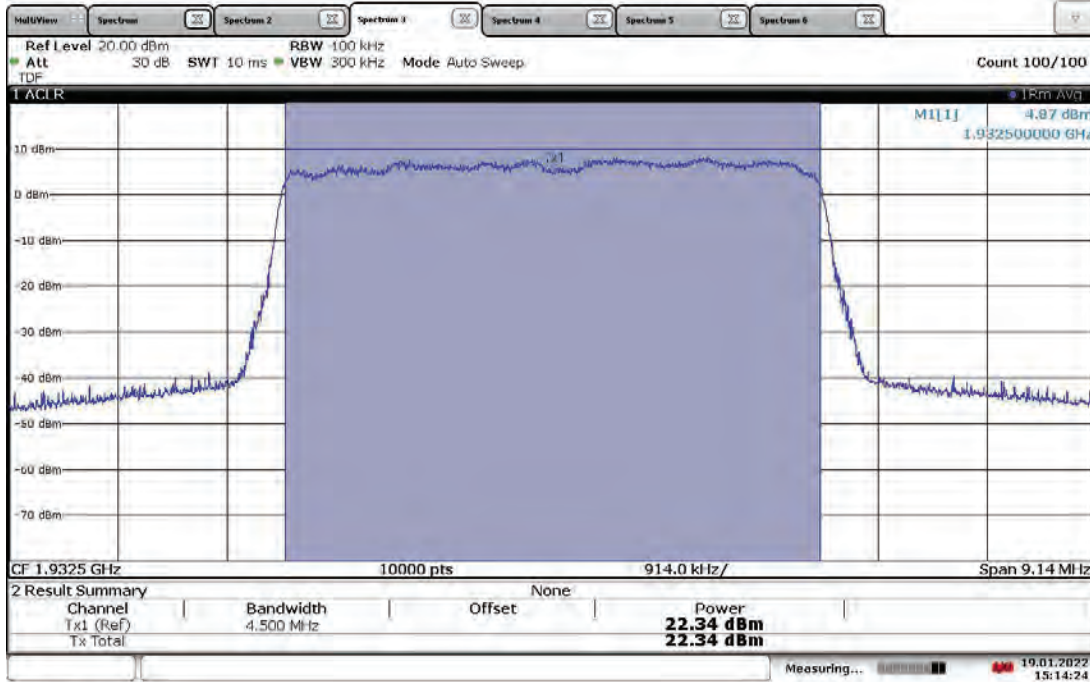
13:07:41 24.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1932.5 MHz, Output Power = 21.70 dBm**



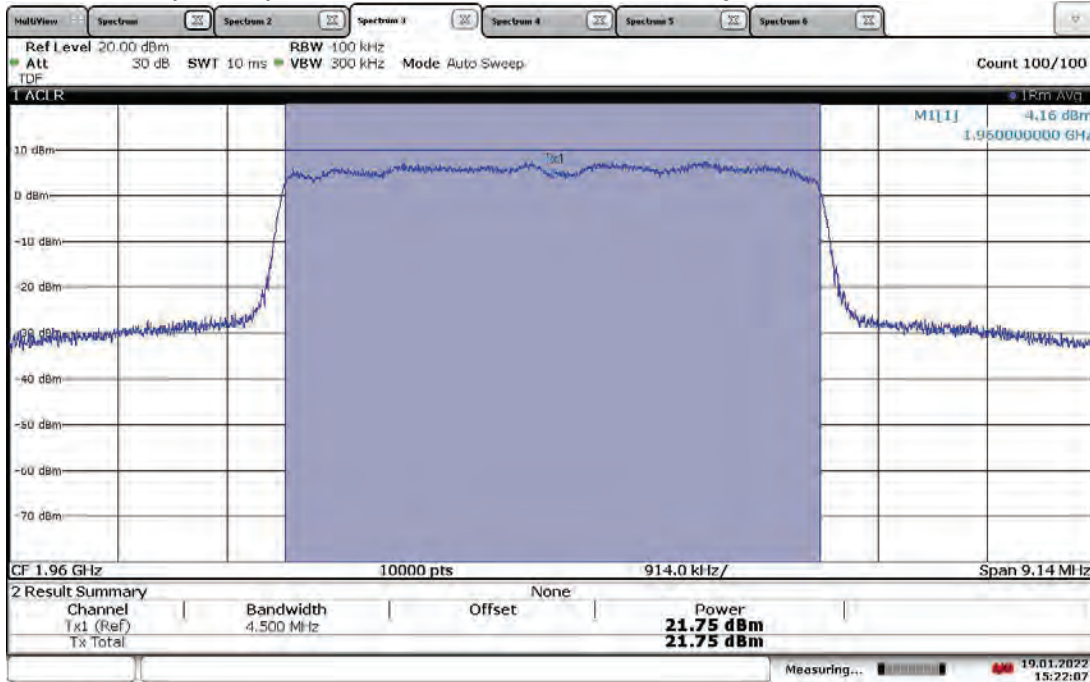
15:09:32 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1932.5 MHz, Output Power = 22.34 dBm**



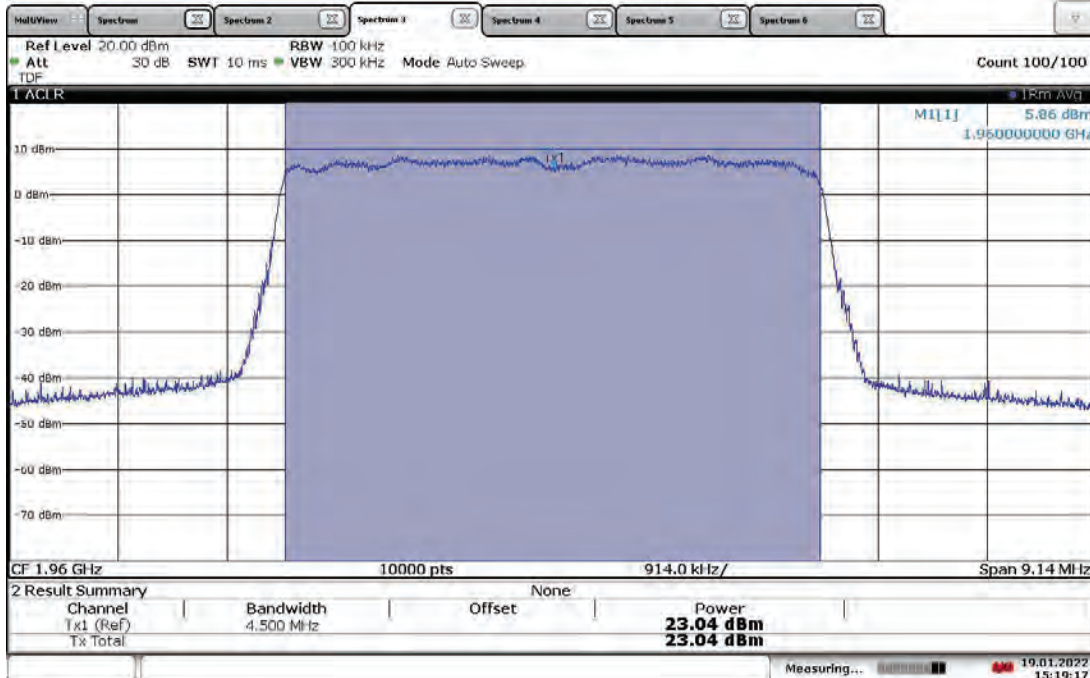
15:14:24 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, Output Power = 21.75 dBm**



15:22:07 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, Output Power = 23.04 dBm**



15:19:17 19.01.2022