

**PART 24 | RSS-133**  
**MEASUREMENT REPORT**

**Applicant Name:**

Samsung Electronics Co., Ltd.  
129, Samsung-ro,  
Yeongtong-gu, Suwon-si  
Gyeonggi-do, 16677, Korea

**Date of Testing:**

03/24/2026 – 04/21/2026

**Test Report Issue Date:**

5/12/2026

**Test Site/Location:**

Element Lab., Yongin-Si, Gyeonggi-do, South Korea

**Test Report Serial No.:**

1M2602190015-03-R4.A3L

**FCC ID:**

**A3LSMF776U**

**IC:**

**649E-SMF776W**

**APPLICANT:**

**Samsung Electronics Co., Ltd.**

**Application Type:**

Certification

**Model:**

SM-F776U

**HVIN:**

SM-F776W

**Additional Model(s):**

SM-F776U1

**EUT Type:**

Portable Handset

**FCC Classification:**

PCS Licensed Transmitter Held to Ear (PCE)

**FCC Rule Part:**

24

**ISED Specification**

RSS-Gen, RSS-133 Issue 7

**Test Procedure(s):**

ANSI C63.26-2015, KDB 648474 D03 v01r04

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947. Test results reported herein relate only to the item(s) tested.

This revised Test Report (S/N: 1M2602190015-03-R4.A3L) supersedes and replaces the previously issued test report (S/N: 1M2602190015-03-R3.A3L) on the same subject device for the same type of testing as indicated. Please discard or destroy the previously issued test report(s) and dispose of it accordingly.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.



Prepared by



Reviewed by

|                                                      |                                                                                     |                                                                                                                                                                                                                  |                                      |                                          |
|------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133</b><br><b>MEASUREMENT REPORT</b>                               | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026                                                                                                                                                                      | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2602190015-03-R4.A3L    |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      | Page 1 of 163                            |

## TEST REPORT REVISION HISTORY

| Rev. No. | Description                             | Issue Date | Revised By    |
|----------|-----------------------------------------|------------|---------------|
| -        | Initial Release                         | 4/21/2026  | WKR0000025499 |
| 1        | Addressed comments made by TCB reviewer | 4/30/2026  | WKR0000025499 |
| 2        | Addressed comments made by TCB reviewer | 5/6/2026   | WKR0000025499 |
| 3        | Addressed comments made by TCB reviewer | 5/7/2026   | WKR0000025499 |
| 4        | Addressed comments made by TCB reviewer | 5/12/2026  | WKR0000025499 |

|                                                      |                                                                                     |                                                                                                                                                                                                                  |                                      |                                          |
|------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133<br/>MEASUREMENT REPORT</b>                                     | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026                                                                                                                                                                      | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
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## PART 24 MEASUREMENT REPORT

| Antenna-1     |           |                 |                          |                |                  |                     |
|---------------|-----------|-----------------|--------------------------|----------------|------------------|---------------------|
| Mode          | Bandwidth | Modulation      | Tx Frequency Range [MHz] | EIRP           |                  | Emission Designator |
|               |           |                 |                          | Max. Power [W] | Max. Power [dBm] |                     |
| GSM/GPRS      | N/A       | GMSK            | 1850.2 - 1909.8          | 0.405          | 26.07            | 245KGXW             |
| EDGE          | N/A       | 8-PSK           | 1850.2 - 1909.8          | 0.139          | 21.42            | 246KG7W             |
| WCDMA         | N/A       | Spread Spectrum | 1852.4 - 1907.6          | 0.175          | 22.43            | 4M18F9W             |
| LTE Band 25/2 | 20 MHz    | QPSK            | 1860 - 1905              | 0.181          | 22.59            | 18M1G7D             |
|               |           | 16QAM           | 1860 - 1905              | 0.148          | 21.70            | 18M1W7D             |
|               | 15 MHz    | QPSK            | 1857.5 - 1907.5          | 0.182          | 22.61            | 13M6G7D             |
|               |           | 16QAM           | 1857.5 - 1907.5          | 0.149          | 21.73            | 13M6W7D             |
|               | 10 MHz    | QPSK            | 1855 - 1910              | 0.182          | 22.61            | 9M04G7D             |
|               |           | 16QAM           | 1855 - 1910              | 0.145          | 21.62            | 9M04W7D             |
|               | 5 MHz     | QPSK            | 1852.5 - 1912.5          | 0.184          | 22.65            | 4M54G7D             |
|               |           | 16QAM           | 1852.5 - 1912.5          | 0.188          | 22.74            | 4M54W7D             |
|               | 3 MHz     | QPSK            | 1851.5 - 1913.5          | 0.190          | 22.79            | 2M72G7D             |
|               |           | 16QAM           | 1851.5 - 1913.5          | 0.145          | 21.61            | 2M72W7D             |
|               | 1.4 MHz   | QPSK            | 1850.7 - 1914.3          | 0.190          | 22.78            | 1M10G7D             |
|               |           | 16QAM           | 1850.7 - 1914.3          | 0.144          | 21.59            | 1M12W7D             |
| NR Band n25/2 | 40 MHz    | $\pi/2$ BPSK    | 1870 - 1895              | 0.157          | 21.97            | 38M9G7D             |
|               |           | QPSK            | 1870 - 1895              | 0.154          | 21.89            | 38M8G7D             |
|               |           | 16QAM           | 1870 - 1895              | 0.097          | 19.89            | 38M9W7D             |
|               | 35 MHz    | $\pi/2$ BPSK    | 1867.5 - 1897.5          | 0.154          | 21.89            | 32M5G7D             |
|               |           | QPSK            | 1867.5 - 1897.5          | 0.156          | 21.92            | 33M9G7D             |
|               |           | 16QAM           | 1867.5 - 1897.5          | 0.100          | 19.99            | 33M9W7D             |
|               | 30 MHz    | $\pi/2$ BPSK    | 1865 - 1900              | 0.159          | 22.01            | 28M9G7D             |
|               |           | QPSK            | 1865 - 1900              | 0.158          | 21.99            | 28M9G7D             |
|               |           | 16QAM           | 1865 - 1900              | 0.099          | 19.97            | 28M8W7D             |
|               | 25 MHz    | $\pi/2$ BPSK    | 1862.5 - 1902.5          | 0.158          | 22.00            | 23M1G7D             |
|               |           | QPSK            | 1862.5 - 1902.5          | 0.157          | 21.97            | 24M0G7D             |
|               |           | 16QAM           | 1862.5 - 1902.5          | 0.097          | 19.86            | 24M0W7D             |
|               | 20 MHz    | $\pi/2$ BPSK    | 1860 - 1905              | 0.157          | 21.96            | 18M0G7D             |
|               |           | QPSK            | 1860 - 1905              | 0.155          | 21.89            | 19M1G7D             |
|               |           | 16QAM           | 1860 - 1905              | 0.098          | 19.91            | 19M1W7D             |
|               | 15 MHz    | $\pi/2$ BPSK    | 1857.5 - 1907.5          | 0.158          | 21.98            | 13M5G7D             |
|               |           | QPSK            | 1857.5 - 1907.5          | 0.157          | 21.97            | 14M2G7D             |
|               |           | 16QAM           | 1857.5 - 1907.5          | 0.096          | 19.80            | 14M3W7D             |
|               | 10 MHz    | $\pi/2$ BPSK    | 1855 - 1910              | 0.158          | 21.98            | 9M04G7D             |
|               |           | QPSK            | 1855 - 1910              | 0.161          | 22.06            | 9M39G7D             |
|               |           | 16QAM           | 1855 - 1910              | 0.095          | 19.76            | 9M38W7D             |
|               | 5 MHz     | $\pi/2$ BPSK    | 1852.5 - 1912.5          | 0.159          | 22.01            | 4M53G7D             |
|               |           | QPSK            | 1852.5 - 1912.5          | 0.160          | 22.04            | 4M52G7D             |
|               |           | 16QAM           | 1852.5 - 1912.5          | 0.095          | 19.78            | 4M53W7D             |

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 4 of 163                     |

| Antenna-2     |           |              |                          |                |                  |                     |
|---------------|-----------|--------------|--------------------------|----------------|------------------|---------------------|
| Mode          | Bandwidth | Modulation   | Tx Frequency Range [MHz] | EIRP           |                  | Emission Designator |
|               |           |              |                          | Max. Power [W] | Max. Power [dBm] |                     |
| LTE Band 25/2 | 20 MHz    | QPSK         | 1860 - 1905              | 0.087          | 19.42            | 18M1G7D             |
|               |           | 16QAM        | 1860 - 1905              | 0.072          | 18.56            | 18M1W7D             |
|               | 15 MHz    | QPSK         | 1857.5 - 1907.5          | 0.087          | 19.38            | 13M6G7D             |
|               |           | 16QAM        | 1857.5 - 1907.5          | 0.071          | 18.54            | 13M6W7D             |
|               | 10 MHz    | QPSK         | 1855 - 1910              | 0.086          | 19.34            | 9M05G7D             |
|               |           | 16QAM        | 1855 - 1910              | 0.071          | 18.51            | 9M06W7D             |
|               | 5 MHz     | QPSK         | 1852.5 - 1912.5          | 0.085          | 19.30            | 4M54G7D             |
|               |           | 16QAM        | 1852.5 - 1912.5          | 0.071          | 18.50            | 4M54W7D             |
|               | 3 MHz     | QPSK         | 1851.5 - 1913.5          | 0.086          | 19.36            | 2M73G7D             |
|               |           | 16QAM        | 1851.5 - 1913.5          | 0.071          | 18.53            | 2M73W7D             |
|               | 1.4 MHz   | QPSK         | 1850.7 - 1914.3          | 0.083          | 19.21            | 1M10G7D             |
|               |           | 16QAM        | 1850.7 - 1914.3          | 0.068          | 18.34            | 1M13W7D             |
| NR Band n25/2 | 40 MHz    | $\pi/2$ BPSK | 1870 - 1895              | 0.078          | 18.90            | 39M0G7D             |
|               |           | QPSK         | 1870 - 1895              | 0.066          | 18.21            | 38M8G7D             |
|               |           | 16QAM        | 1870 - 1895              | 0.043          | 16.36            | 38M8W7D             |
|               | 35 MHz    | $\pi/2$ BPSK | 1867.5 - 1897.5          | 0.078          | 18.90            | 32M5G7D             |
|               |           | QPSK         | 1867.5 - 1897.5          | 0.066          | 18.21            | 33M9G7D             |
|               |           | 16QAM        | 1867.5 - 1897.5          | 0.043          | 16.36            | 33M9W7D             |
|               | 30 MHz    | $\pi/2$ BPSK | 1865 - 1900              | 0.077          | 18.89            | 28M8G7D             |
|               |           | QPSK         | 1865 - 1900              | 0.067          | 18.27            | 28M8G7D             |
|               |           | 16QAM        | 1865 - 1900              | 0.044          | 16.47            | 28M8W7D             |
|               | 25 MHz    | $\pi/2$ BPSK | 1862.5 - 1902.5          | 0.080          | 19.05            | 23M1G7D             |
|               |           | QPSK         | 1862.5 - 1902.5          | 0.068          | 18.34            | 23M9G7D             |
|               |           | 16QAM        | 1862.5 - 1902.5          | 0.044          | 16.47            | 23M9W7D             |
|               | 20 MHz    | $\pi/2$ BPSK | 1860 - 1905              | 0.076          | 18.82            | 18M1G7D             |
|               |           | QPSK         | 1860 - 1905              | 0.066          | 18.22            | 19M1G7D             |
|               |           | 16QAM        | 1860 - 1905              | 0.043          | 16.37            | 19M1W7D             |
|               | 15 MHz    | $\pi/2$ BPSK | 1857.5 - 1907.5          | 0.078          | 18.93            | 13M6G7D             |
|               |           | QPSK         | 1857.5 - 1907.5          | 0.068          | 18.33            | 14M2G7D             |
|               |           | 16QAM        | 1857.5 - 1907.5          | 0.044          | 16.45            | 14M2W7D             |
|               | 10 MHz    | $\pi/2$ BPSK | 1855 - 1910              | 0.078          | 18.90            | 9M03G7D             |
|               |           | QPSK         | 1855 - 1910              | 0.068          | 18.32            | 9M37G7D             |
|               |           | 16QAM        | 1855 - 1910              | 0.044          | 16.47            | 9M36W7D             |
|               | 5 MHz     | $\pi/2$ BPSK | 1852.5 - 1912.5          | 0.080          | 19.04            | 4M53G7D             |
|               |           | QPSK         | 1852.5 - 1912.5          | 0.067          | 18.23            | 4M53G7D             |
|               |           | 16QAM        | 1852.5 - 1912.5          | 0.043          | 16.37            | 4M53W7D             |

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 5 of 163                     |

## 1.0 INTRODUCTION

### 1.1 Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

### 1.2 Element Test Location

Measurements were conducted at the Element laboratory(ies) indicated in Section 1.3 below. All measurement facilities are compliant with the test site requirements specified in ANSI C63.4:2014 and KDB 414788 D01 v01r01.

### 1.3 Test Facility / Accreditations

**Measurements were performed at Element Materials Technology Suwon, Ltd. located in Yongin-si, Gyeonggi-do, 16954, South Korea.**

- Element Materials Technology Suwon, Ltd. is an ISO 17025-2017 accredited test facility under the American Association for Laboratory Accreditation(A2LA) with Certificate number 2041.04 for Specific Absorption Rate (SAR), and Electromagnetic Compatibility (EMC) & Telecommunications testing for FCC and Innovation, Science, and Economic Development Canada rules.

Element Materials Technology Suwon, Ltd. facility is accredited, designated, and recognized in accordance with the provision of Radio Wave Act and International Standard ISO/IEC 17025:2017 under the National Radio Research Agency.

- Designation Number / CABID: KR0169
- Test Firm Registration Number of FCC: 417945
- Test Firm Registration Number of ISED: 26168

|                                                      |                                                                                                                                                                                                                                                                                                      |                                             |                                      |                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133<br/>MEASUREMENT REPORT</b>                                                                                                                                                                                                                                                      | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026 | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
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## 2.0 PRODUCT INFORMATION

### 2.1 Equipment Description

The Equipment Under Test (EUT) is the **Samsung Portable Handset FCC ID: A3LSMF776U**, and **IC: 649E-SMF776W**. The test data contained in this report pertains only to the emissions due to the EUT's licensed transmitters that operate under the provisions of Part 24 and RSS-133.

**Test Device Serial No.:** 0320M, 1147M, 0162M, 1161M

### 2.2 Device Capabilities

This device contains the following capabilities:

850/1900 GSM/GPRS/EDGE, 850/1700/1900 WCDMA/HSPA, Multi-band LTE, Multi-band 5G NR (FR1), 802.11b/g/n/ac/ax/be WLAN, 802.11a/n/ac/ax/be UNII (5GHz and 6GHz), Bluetooth (1x, EDR, LE), Wireless Power Transfer, NTN, SCS, NFC

### 2.3 Test Configuration

The EUT was tested per the guidance of ANSI C63.26:2015. See Section 7.0 of this test report for a description of the radiated and antenna port conducted emissions tests.

This device supports three folder configurations: one is with folder fully open, one is where the folder is half open (90 degrees), and one is with folder closed. All configurations are tested, and the worst case radiated emissions data is shown in this report.

This device supports wireless charging capability and, thus, is subject to the test requirements of KDB 648474 D03 v01r04. Additional radiated spurious emission measurements were performed with the EUT lying flat on an authorized wireless charging pad (WCP) Model: EP-N2400 while operating under normal conditions in a simulated call or data transmission configuration. The worst case radiated emissions data is shown in this report.

| Band       | Ant1  | Ant2  |
|------------|-------|-------|
| GSM 1900   | Ant B | -     |
| WCDMA 1900 | Ant B | -     |
| LTE 25/2   | Ant B | Ant H |
| NR 25/2    | Ant B | Ant H |

**Table 2-1. Antenna Naming Convention**

### 2.4 Software and Firmware

Testing was performed on device(s) using software/firmware version F776USQU0AZC9 installed on the EUT.

### 2.5 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and no modifications were made during testing.

|                                                      |                                                                                     |                                                                                                                                                                                                                  |                                      |                                          |
|------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133<br/>MEASUREMENT REPORT</b>                                     | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026                                                                                                                                                                      | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
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## 3.0 DESCRIPTION OF TESTS

### 3.1 Evaluation Procedure

The measurement procedures described in the “American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services” (ANSI C63.26:2015) were used in the measurement of the EUT.

Deviation from Measurement Procedure.....None

### 3.2 Radiated Power and Radiated Spurious Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. The test site inside the chamber is a 6m x 5.2m elliptical, obstruction-free area in accordance with Figure 5.7 of Clause 5 in ANSI C63.4:2014. Absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections for measurements above 1GHz. For measurements below 1GHz, the absorbers are removed. A raised turntable is used for radiated measurement. The turn table is a continuously rotatable, remote-controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm tall test table made of Styrodur is placed on top of the turn table. A Styrodur pedestal is placed on top of the test table to bring the total table height to 1.5m.

The equipment under test was transmitting while connected to its integral antenna and is placed on a turntable 3 meters from the receive antenna. The receive antenna height is adjusted between 1 and 4 meter height, the turntable is rotated through 360 degrees, and the EUT is manipulated through all orthogonal planes representative of its typical use to achieve the highest reading on the receive spectrum analyzer.

For radiated power measurements, substitution method is used per the guidance of ANSI C63.26:2015. For emissions below 1GHz, a half-wave dipole is substituted in place of the EUT. For emissions above 1GHz, a horn antenna is substituted in place of the EUT. The substitute antenna is driven by a signal generator with the level of the signal generator being adjusted to obtain the same receive spectrum analyzer level previously recorded from the spurious emission from the EUT. The power of the emission is calculated using the following formula:

$$P_d \text{ [dBm]} = P_g \text{ [dBm]} - \text{cable loss [dB]} + \text{antenna gain [dBd/dBi]};$$

where  $P_d$  is the dipole equivalent power,  $P_g$  is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole (dBd) or an isotropic source (dBi). The substitute level is equal to  $P_g \text{ [dBm]} - \text{cable loss [dB]}$ .

For radiated spurious emissions measurements, the field strength conversion method is used per the formulas in Section 5.2.7 of ANSI C63.26:2015. Field Strength (EIRP) is calculated using the following formulas:

$$E_{\text{[dB}\mu\text{V/m]}} = \text{Measured amplitude level [dBm]} + 107 + \text{Cable Loss [dB]} + \text{Antenna Factor [dB/m]}$$

And

$$\text{EIRP [dBm]} = E_{\text{[dB}\mu\text{V/m]}} + 20\log D - 104.8; \text{ where } D \text{ is the measurement distance in meters.}$$

All radiated measurements are performed in a chamber that meets the site requirements per ANSI C63.4:2014. Additionally, radiated emissions below 30MHz are also validated on an Open Area Test Site to assert correlation with the chamber measurements per the requirements of KDB 414788 D01 v01r01.

Radiated power and radiated spurious emission levels are investigated with the receive antenna horizontally and vertically polarized per ANSI C63.26:2015.

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 8 of 163                     |

## 4.0 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4:2014. All measurement uncertainty values are shown with a coverage factor of  $k = 2$  to indicate a 95% level of confidence. The measurement uncertainty shown below meets or exceeds the  $U_{\text{CISPR}}$  measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

| Contribution                     | Expanded Uncertainty ( $\pm$ dB) |
|----------------------------------|----------------------------------|
| Conducted Bench Top Measurements | 1.95                             |
| Radiated Disturbance (<1GHz)     | 4.10                             |
| Radiated Disturbance (>1GHz)     | 4.82                             |
| Radiated Disturbance (>18GHz)    | 4.96                             |

**Table 4-1. Measurement Uncertainty Budget**

|                                                      |                                                                                     |                                                                                                                                                                                                                  |                                      |                                          |
|------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133<br/>MEASUREMENT REPORT</b>                                     | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026                                                                                                                                                                      | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2602190015-03-R4.A3L    |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      | Page 9 of 163                            |

## 5.0 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST). Measurements antennas used during testing were calibrated in accordance to the requirements of ANSI C63.5-2017.

| Manufacturer          | Model       | Description                      | Cal Date   | Cal Interval | Cal Due    | Serial Number |
|-----------------------|-------------|----------------------------------|------------|--------------|------------|---------------|
| Agilent               | N9030A      | PXA Signal Analyzer              | 05/23/2025 | Annual       | 05/22/2026 | MY49432391    |
| Anritsu               | S820E       | Cable and Antenna Analyzer       | 06/13/2025 | Annual       | 06/12/2026 | 1839097       |
| Rohde & Schwarz       | NRP-Z81     | Power Sensor                     | 05/23/2025 | Annual       | 05/22/2026 | 101499        |
| Anritsu               | MT8000A     | Radio Communication Test Station | 11/10/2025 | Annual       | 11/09/2026 | 6272337405    |
| Com-Power             | AL-130R     | Active Loop Antenna              | 10/10/2024 | Biennial     | 10/09/2026 | 10160045      |
| Espec                 | SH-242      | Environmental Chamber            | 09/17/2025 | Annual       | 09/16/2026 | 93011064      |
| Keysight Technologies | N9030B      | PXA Signal Analyzer (44GHz)      | 07/07/2025 | Annual       | 07/06/2026 | MY57143276    |
| NARDA                 | 180-442A-KF | Horn Antenna (Small)             | 01/14/2026 | Annual       | 01/13/2027 | T058701-03    |
| Rohde & Schwarz       | CMW500      | Radio Communication Tester       | 10/24/2025 | Annual       | 10/23/2026 | 171075        |
| Rohde & Schwarz       | SMF100A     | signal Generator                 | 07/03/2025 | Annual       | 07/02/2026 | 104154        |
| Rohde & Schwarz       | FSW         | Signal / Spectrum Analyzer       | 09/15/2025 | Annual       | 09/14/2026 | 101955        |
| schwarzbeck           | VULB9162    | Broadband TRILOG Antenna         | 06/05/2025 | Biennial     | 06/04/2027 | 9162-217      |
| Sunol Sciences        | DRH-118     | Horn Antenna                     | 06/04/2025 | Annual       | 06/03/2026 | A102416-1     |
| -                     | UEK1        | EMC Cable and Switch System      | 01/28/2026 | Annual       | 01/27/2027 | UEK1          |
| -                     | KLTX1       | Licensed Transmitter Cable Set   | 07/17/2025 | Annual       | 07/16/2026 | KLTX1         |
| -                     | KLTX2       | Licensed Transmitter Cable Set   | 07/17/2025 | Annual       | 07/16/2026 | KLTX2         |

**Table 5-1. Test Equipment Calibration Table**

### Notes:

For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.

| Component                                | Serial Number |
|------------------------------------------|---------------|
| Rohde & Schwarz SF Unit                  | 102151        |
| ALPHA WIRE H1                            | 6340          |
| HUBER+SUHNER, Inc. SUCOFLEX_104_PE Cable | 305916        |
| HUBER+SUHNER, Inc. SUCOFLEX_100          | 803242-6      |

**Table 5-1. UEK1 EMC Cable and Switch System Components**

| Component                                       | Serial Number |
|-------------------------------------------------|---------------|
| 2.92mm Directional Coupler, Model: FM2CP1122-10 | 1946          |
| 10 dB Attenuator, Model: MA-18G10-5W-NMF        | ESR10-1       |
| Cable                                           | CL-RF-40G-01  |

**Table 5-2. KLTX1 Licensed Transmitter Cable Set Components**

| Component                                | Serial Number |
|------------------------------------------|---------------|
| Directional Coupler, Model: UDC          | TEMPNO.09-898 |
| 10 dB Attenuator, Model: MA-18G10-5W-NMF | ESR10-2       |
| Cable                                    | CL-RF-40G-02  |

**Table 5-3. KLTX1 Licensed Transmitter Cable Set Components**

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 10 of 163                    |

## 6.0 SAMPLE EMISSION DESIGNATORS

### GSM Emission Designator

#### **Emission Designator = 250KGXW**

GSM BW = 250 kHz

G = Phase Modulation

X = Cases not otherwise covered

W = Combination (Audio/Data)

### EDGE Emission Designator

#### **Emission Designator = 250KG7W**

EDGE BW = 250 kHz

G = Phase Modulation

7 = Quantized/Digital Info

W = Combination (Audio/Data)

### WCDMA Emission Designator

#### **Emission Designator = 4M16F9W**

WCDMA BW = 4.16 MHz

F = Frequency Modulation

9 = Composite Digital Info

W = Combination (Audio/Data)

### QPSK Modulation

#### **Emission Designator = 8M62G7D**

LTE BW = 8.62 MHz

G = Phase Modulation

7 = Quantized/Digital Info

D = Data transmission, telemetry, telecommand

### QAM Modulation

#### **Emission Designator = 8M45W7D**

LTE BW = 8.45 MHz

W = Amplitude/Angle Modulated

7 = Quantized/Digital Info

D = Data transmission, telemetry, telecommand

|                                                      |                                                                                     |                                                                                                                                                                                                                  |                                      |                                          |
|------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133</b><br><b>MEASUREMENT REPORT</b>                               | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026                                                                                                                                                                      | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2602190015-03-R4.A3L    |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      | Page 11 of 163                           |

## 7.0 TEST RESULTS

### 7.1 Summary

Company Name: Samsung Electronics Co., Ltd.  
 FCC ID: A3LSMF776U  
 IC: 649E-SMF776W  
 FCC Classification: PCS Licensed Transmitter Held to Ear (PCE)  
 Mode(s): GSM/WCDMA/LTE/NR

| Test Condition | Test Description                         | FCC Part Section(s)  | RSS Section(s)                 | Test Limit                                                                                                                                                                     | Test Result | Reference         |
|----------------|------------------------------------------|----------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|
| CONDUCTED      | Transmitter Conducted Output Power*      | 2.1046(a), 2.1046(c) | RSS-Gen(6.12)                  | N/A                                                                                                                                                                            | PASS        | Section 7.2       |
|                | Occupied Bandwidth                       | 2.1049(h)            | RSS-Gen(6.7)                   | N/A                                                                                                                                                                            | PASS        | Section 7.3       |
|                | Conducted Band Edge / Spurious Emissions | 2.1051, 24.238(a)    | RSS-Gen(6.13),<br>RSS-133(5.6) | $> 43 + 10\log_{10}(P[\text{Watts}])$ at Band Edge and for all out-of-band emissions                                                                                           | PASS        | Sections 7.4, 7.5 |
|                | Peak-to-Average Ratio                    | 24.232(d)            | RSS-133(5.5)                   | $\leq 13$ dB                                                                                                                                                                   | PASS        | Section 7.6       |
|                | Frequency Stability                      | 2.1055, 24.235       | RSS-Gen(6.11),<br>RSS-133(5.4) | Fundamental emissions stay within authorized frequency block<br>**Carrier frequency shall not depart from the reference frequency in excess of $\pm 2.5$ ppm                   | PASS        | Section 7.9       |
| RADIATED       | Equivalent Isotropic Radiated Power      | 24.232(c)            | RSS-Gen(6.12),<br>RSS-133(5.5) | $< 2$ Watts max. EIRP                                                                                                                                                          | PASS        | Section 7.7       |
|                | Radiated Spurious Emissions              | 2.1053, 24.238(a)    | RSS-Gen(6.13),<br>RSS-133(5.6) | $\geq 43 + 10\log_{10}(P[\text{Watts}])$ dB of attenuation below transmitter power<br>**Spurious emissions from receivers shall not exceed the limits detailed in RSS-Gen(7.3) | PASS        | Section 7.8       |

\* The only transmitter output conducted powers included in this report are those where the Pmax value, per the tune-up document, is higher than any of the DSI power levels. For the remaining conducted power measurements, see the RF Exposure Report.

**Table 7-1. Summary of Test Results**

#### Notes:

- 1) All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.
- 2) The analyzer plots were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables, directional couplers, and attenuators used as part of the system to maintain a link between the call box and the EUT at all frequencies of interest.
- 3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables, attenuators, and couplers.
- 4) All conducted emissions measurements are performed with automated test software to capture the corresponding plots necessary to show compliance. The measurement software utilized is EMC Software Tool v2.4.0.

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 12 of 163                    |

## 7.2 Conducted Output Power Data

### Test Overview

All emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

### Test Procedure Used

ANSI C63.26:2015 – Section 5.2

### Test Settings

1. Detector = RMS
2. Trace mode = trace average for continuous emissions, max hold for pulse emissions
3. Sweep time = auto couple
4. The trace was allowed to stabilize
5. Please see test notes below for RBW and VBW settings

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-1. Test Instrument & Measurement Setup**

### Test Notes

1. Conducted power measurements were evaluated using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
2. All other conducted power measurements are contained in the RF exposure report for this filing.
3. Conducted power was found to reduce for the higher order QAM modulations when compared to 16QAM. Due to this trend, only the worst-case QAM (16QAM) powers are included in this section.

|                                                      |                                                                                                                                                                                                                                                                                                      |                                             |                                      |                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133</b><br><b>MEASUREMENT REPORT</b>                                                                                                                                                                                                                                                | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026 | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2602190015-03-R4.A3L    |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                             |                                      | Page 13 of 163                           |

| Mode     | Channel | Frequency [MHz] | Conducted Power [dBm] |
|----------|---------|-----------------|-----------------------|
| WCDMA850 | 9262    | 1850.0          | 24.18                 |
|          | 9400    | 1880.0          | 24.25                 |
|          | 9538    | 1910.0          | 24.13                 |

Table 7-2. Max Conducted Power Test Results – WCDMA 1900 – Ant1

| Bandwidth | Modulation | Channel | Frequency [MHz] | RB Size/Offset | Conducted Power [dBm] |
|-----------|------------|---------|-----------------|----------------|-----------------------|
| 20 MHz    | QPSK       | 26140   | 1860.0          | 1 / 0          | 24.75                 |
|           |            | 26365   | 1882.5          | 1 / 0          | 24.53                 |
|           |            | 26590   | 1905.0          | 1 / 50         | 24.81                 |
|           | 16-QAM     | 26590   | 1905.0          | 1 / 50         | 23.96                 |
| 15 MHz    | QPSK       | 26115   | 1857.5          | 1 / 37         | 24.79                 |
|           |            | 26365   | 1882.5          | 1 / 0          | 24.55                 |
|           |            | 26615   | 1907.5          | 1 / 74         | 24.92                 |
|           | 16-QAM     | 26615   | 1907.5          | 1 / 74         | 24.15                 |
| 10 MHz    | QPSK       | 26090   | 1855.0          | 1 / 0          | 24.72                 |
|           |            | 26365   | 1882.5          | 1 / 0          | 24.55                 |
|           |            | 26640   | 1910.0          | 1 / 0          | 24.85                 |
|           | 16-QAM     | 26640   | 1910.0          | 1 / 0          | 24.09                 |
| 5 MHz     | QPSK       | 26065   | 1852.5          | 1 / 24         | 24.89                 |
|           |            | 26365   | 1882.5          | 1 / 0          | 24.59                 |
|           |            | 26665   | 1912.5          | 1 / 24         | 24.86                 |
|           | 16-QAM     | 26065   | 1852.5          | 1 / 24         | 24.04                 |
| 3 MHz     | QPSK       | 26055   | 1851.5          | 1 / 7          | 24.86                 |
|           |            | 26365   | 1882.5          | 1 / 14         | 24.73                 |
|           |            | 26675   | 1913.5          | 1 / 14         | 24.88                 |
|           | 16-QAM     | 26675   | 1913.5          | 1 / 14         | 24.11                 |
| 1.4 MHz   | QPSK       | 26047   | 1850.7          | 1 / 0          | 24.72                 |
|           |            | 26365   | 1882.5          | 1 / 5          | 24.72                 |
|           |            | 26683   | 1914.3          | 1 / 5          | 24.91                 |
|           | 16-QAM     | 26683   | 1914.3          | 1 / 5          | 24.20                 |

Table 7-3. Max Conducted Power Test Results (LTE Band 25/2 – Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 14 of 163                    |

| Bandwidth | Modulation | Channel | Frequency [MHz] | RB Size/Offset | Conducted Power [dBm] |
|-----------|------------|---------|-----------------|----------------|-----------------------|
| 20 MHz    | QPSK       | 26140   | 1860.0          | 1 / 0          | 25.42                 |
|           |            | 26365   | 1882.5          | 1 / 50         | 25.39                 |
|           |            | 26590   | 1905.0          | 1 / 50         | 25.42                 |
|           | 16-QAM     | 26140   | 1860.0          | 1 / 0          | 24.68                 |
| 15 MHz    | QPSK       | 26115   | 1857.5          | 1 / 0          | 25.36                 |
|           |            | 26365   | 1882.5          | 1 / 37         | 25.35                 |
|           |            | 26615   | 1907.5          | 1 / 37         | 25.45                 |
|           | 16-QAM     | 26615   | 1907.5          | 1 / 37         | 24.73                 |
| 10 MHz    | QPSK       | 26090   | 1855.0          | 1 / 0          | 25.33                 |
|           |            | 26365   | 1882.5          | 1 / 25         | 25.31                 |
|           |            | 26640   | 1910.0          | 1 / 25         | 25.42                 |
|           | 16-QAM     | 26640   | 1910.0          | 1 / 25         | 24.72                 |
| 5 MHz     | QPSK       | 26065   | 1852.5          | 1 / 12         | 25.42                 |
|           |            | 26365   | 1882.5          | 1 / 12         | 25.27                 |
|           |            | 26665   | 1912.5          | 1 / 24         | 25.47                 |
|           | 16-QAM     | 26665   | 1912.5          | 1 / 24         | 24.77                 |
| 3 MHz     | QPSK       | 26055   | 1851.5          | 1 / 7          | 25.38                 |
|           |            | 26365   | 1882.5          | 1 / 7          | 25.33                 |
|           |            | 26675   | 1913.5          | 1 / 14         | 25.47                 |
|           | 16-QAM     | 26675   | 1913.5          | 1 / 14         | 24.78                 |
| 1.4 MHz   | QPSK       | 26047   | 1850.7          | 1 / 0          | 25.32                 |
|           |            | 26365   | 1882.5          | 1 / 3          | 25.18                 |
|           |            | 26683   | 1914.3          | 1 / 5          | 25.36                 |
|           | 16-QAM     | 26683   | 1914.3          | 1 / 5          | 24.69                 |

Table 7-4. Max Conducted Power Test Results (LTE Band 25/2 – Ant2)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 15 of 163                    |

| Bandwidth | Modulation   | Channel | Frequency [MHz] | RB Size/Offset | Conducted Power [dBm] |
|-----------|--------------|---------|-----------------|----------------|-----------------------|
| 40 MHz    | $\pi/2$ BPSK | 374000  | 1870.0          | 1 / 1          | 24.94                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.79                 |
|           |              | 379000  | 1895.0          | 1 / 214        | 24.79                 |
|           | QPSK         | 374000  | 1870.0          | 1 / 1          | 24.83                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.65                 |
|           |              | 379000  | 1895.0          | 1 / 214        | 24.62                 |
|           | 16-QAM       | 374000  | 1870.0          | 1 / 1          | 23.96                 |
| 35 MHz    | $\pi/2$ BPSK | 374000  | 1870.0          | 1 / 1          | 24.85                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.82                 |
|           |              | 379000  | 1895.0          | 1/108          | 24.94                 |
|           | QPSK         | 374000  | 1870.0          | 1 / 1          | 24.79                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.68                 |
|           |              | 379000  | 1895.0          | 1/108          | 24.89                 |
|           | 16-QAM       | 379000  | 1895.0          | 1/108          | 23.96                 |
| 30 MHz    | $\pi/2$ BPSK | 372000  | 1865.0          | 1 / 1          | 24.98                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.79                 |
|           |              | 381000  | 1900.0          | 1 / 158        | 24.90                 |
|           | QPSK         | 372000  | 1865.0          | 1 / 1          | 24.92                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.75                 |
|           |              | 381000  | 1900.0          | 1 / 158        | 24.88                 |
|           | 16-QAM       | 372000  | 1865.0          | 1 / 1          | 24.04                 |
| 25 MHz    | $\pi/2$ BPSK | 372000  | 1862.5          | 1 / 66         | 24.97                 |
|           |              | 376500  | 1882.5          | 1 / 66         | 24.81                 |
|           |              | 381000  | 1902.5          | 1 / 66         | 24.88                 |
|           | QPSK         | 372000  | 1862.5          | 1 / 66         | 24.88                 |
|           |              | 376500  | 1882.5          | 1 / 66         | 24.73                 |
|           |              | 381000  | 1902.5          | 1 / 66         | 24.80                 |
|           | 16-QAM       | 372000  | 1862.5          | 1 / 66         | 23.83                 |
| 20 MHz    | $\pi/2$ BPSK | 372000  | 1860.0          | 1 / 53         | 24.93                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.77                 |
|           |              | 381000  | 1905.0          | 1 / 104        | 24.97                 |
|           | QPSK         | 372000  | 1860.0          | 1 / 53         | 24.87                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 24.65                 |
|           |              | 381000  | 1905.0          | 1 / 104        | 24.91                 |
|           | 16-QAM       | 381000  | 1905.0          | 1 / 104        | 23.88                 |
| 15 MHz    | $\pi/2$ BPSK | 371500  | 1857.5          | 1 / 1          | 24.95                 |
|           |              | 376500  | 1882.5          | 1 / 39         | 24.91                 |
|           |              | 381500  | 1907.5          | 1 / 39         | 24.86                 |
|           | QPSK         | 371500  | 1857.5          | 1 / 1          | 24.87                 |
|           |              | 376500  | 1882.5          | 1 / 39         | 24.73                 |
|           |              | 381500  | 1907.5          | 1 / 39         | 24.80                 |
|           | 16-QAM       | 371500  | 1857.5          | 1 / 1          | 23.81                 |
| 10 MHz    | $\pi/2$ BPSK | 371000  | 1855.0          | 1 / 26         | 24.95                 |
|           |              | 376500  | 1882.5          | 1 / 26         | 24.88                 |
|           |              | 382000  | 1910.0          | 1 / 26         | 24.73                 |
|           | QPSK         | 371000  | 1855.0          | 1 / 26         | 24.89                 |
|           |              | 376500  | 1882.5          | 1 / 26         | 24.82                 |
|           |              | 382000  | 1910.0          | 1 / 26         | 24.65                 |
|           | 16-QAM       | 371000  | 1855.0          | 1 / 26         | 23.77                 |
| 5 MHz     | $\pi/2$ BPSK | 370500  | 1852.5          | 1 / 1          | 24.98                 |
|           |              | 376500  | 1882.5          | 1 / 12         | 24.89                 |
|           |              | 382500  | 1912.5          | 1 / 23         | 24.88                 |
|           | QPSK         | 370500  | 1852.5          | 1 / 12         | 24.86                 |
|           |              | 376500  | 1882.5          | 1 / 12         | 24.80                 |
|           |              | 382500  | 1912.5          | 1 / 23         | 24.81                 |
|           | 16-QAM       | 370500  | 1852.5          | 1 / 12         | 23.79                 |

Table 7-5. Max Conducted Power Test Results (NR Band n25/2 – Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 16 of 163                    |

| Bandwidth | Modulation   | Channel | Frequency [MHz] | RB Size/Offset | Conducted Power [dBm] |
|-----------|--------------|---------|-----------------|----------------|-----------------------|
| 40 MHz    | $\pi/2$ BPSK | 374000  | 1870.0          | 1 / 214        | 25.42                 |
|           |              | 376500  | 1882.5          | 1 / 108        | 25.31                 |
|           |              | 379000  | 1895.0          | 1 / 214        | 25.38                 |
|           | QPSK         | 374000  | 1870.0          | 1 / 214        | 25.23                 |
|           |              | 376500  | 1882.5          | 1 / 108        | 25.22                 |
|           |              | 379000  | 1895.0          | 1 / 214        | 25.25                 |
|           | 16-QAM       | 379000  | 1895.0          | 1 / 214        | 24.18                 |
| 35 MHz    | $\pi/2$ BPSK | 374000  | 1867.5          | 1 / 188        | 25.44                 |
|           |              | 376500  | 1882.5          | 1 / 94         | 25.29                 |
|           |              | 379000  | 1897.5          | 1 / 188        | 25.39                 |
|           | QPSK         | 374000  | 1867.5          | 1 / 188        | 25.26                 |
|           |              | 376500  | 1882.5          | 1 / 94         | 25.17                 |
|           |              | 379000  | 1897.5          | 1 / 188        | 25.21                 |
|           | 16-QAM       | 379000  | 1897.5          | 1 / 188        | 24.23                 |
| 30 MHz    | $\pi/2$ BPSK | 372000  | 1865.0          | 1 / 1          | 25.33                 |
|           |              | 376500  | 1882.5          | 1 / 80         | 25.30                 |
|           |              | 381000  | 1900.0          | 1 / 158        | 25.44                 |
|           | QPSK         | 372000  | 1865.0          | 1 / 1          | 25.22                 |
|           |              | 376500  | 1882.5          | 1 / 80         | 25.18                 |
|           |              | 381000  | 1900.0          | 1 / 158        | 25.31                 |
|           | 16-QAM       | 381000  | 1900.0          | 1 / 158        | 24.29                 |
| 25 MHz    | $\pi/2$ BPSK | 372000  | 1862.5          | 1 / 66         | 25.41                 |
|           |              | 376500  | 1882.5          | 1 / 66         | 25.46                 |
|           |              | 381000  | 1902.5          | 1 / 131        | 25.44                 |
|           | QPSK         | 372000  | 1862.5          | 1 / 66         | 25.32                 |
|           |              | 376500  | 1882.5          | 1 / 66         | 25.38                 |
|           |              | 381000  | 1902.5          | 1 / 131        | 25.38                 |
|           | 16-QAM       | 381000  | 1902.5          | 1 / 131        | 24.29                 |
| 20 MHz    | $\pi/2$ BPSK | 372000  | 1860.0          | 1 / 53         | 25.38                 |
|           |              | 376500  | 1882.5          | 1 / 53         | 25.23                 |
|           |              | 381000  | 1905.0          | 1 / 104        | 25.36                 |
|           | QPSK         | 372000  | 1860.0          | 1 / 53         | 25.29                 |
|           |              | 376500  | 1882.5          | 1 / 53         | 25.11                 |
|           |              | 381000  | 1905.0          | 1 / 104        | 25.26                 |
|           | 16-QAM       | 381000  | 1905.0          | 1 / 104        | 24.19                 |
| 15 MHz    | $\pi/2$ BPSK | 371500  | 1857.5          | 1 / 1          | 25.36                 |
|           |              | 376500  | 1882.5          | 1 / 39         | 25.34                 |
|           |              | 381500  | 1907.5          | 1 / 39         | 25.44                 |
|           | QPSK         | 371500  | 1857.5          | 1 / 1          | 25.28                 |
|           |              | 376500  | 1882.5          | 1 / 39         | 25.25                 |
|           |              | 381500  | 1907.5          | 1 / 39         | 25.37                 |
|           | 16-QAM       | 381500  | 1907.5          | 1 / 39         | 24.27                 |
| 10 MHz    | $\pi/2$ BPSK | 371000  | 1855.0          | 1 / 1          | 25.30                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 25.31                 |
|           |              | 382000  | 1910.0          | 1 / 26         | 25.42                 |
|           | QPSK         | 371000  | 1855.0          | 1 / 1          | 25.21                 |
|           |              | 376500  | 1882.5          | 1 / 1          | 25.23                 |
|           |              | 382000  | 1910.0          | 1 / 26         | 25.36                 |
|           | 16-QAM       | 382000  | 1910.0          | 1 / 26         | 24.29                 |
| 5 MHz     | $\pi/2$ BPSK | 370500  | 1852.5          | 1 / 23         | 25.47                 |
|           |              | 376500  | 1882.5          | 1 / 23         | 25.45                 |
|           |              | 382500  | 1912.5          | 1 / 12         | 25.35                 |
|           | QPSK         | 370500  | 1852.5          | 1 / 23         | 25.39                 |
|           |              | 376500  | 1882.5          | 1 / 23         | 25.36                 |
|           |              | 382500  | 1912.5          | 1 / 12         | 25.27                 |
|           | 16-QAM       | 382500  | 1912.5          | 1 / 12         | 24.19                 |

Table 7-6. Max Conducted Power Test Results (NR Band n25/2 – Ant2)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 17 of 163                    |

## 7.3 Occupied Bandwidth

### Test Overview

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. All modes of operation were investigated and the worst-case configuration results are reported in this section.

### Test Procedure Used

ANSI C63.26:2015 – Section 5.4.4

### Test Settings

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5% of the expected OBW
3. VBW  $\geq 3 \times$  RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-2. Test Instrument & Measurement Setup**

### Test Notes

None.

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | <b>PART 24   RSS-133<br/>MEASUREMENT REPORT</b>                                                                                                                                                                                                                                                      | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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| Mode         | Bandwidth | Modulation      | OBW [MHz] |
|--------------|-----------|-----------------|-----------|
| GSM-PCS      | N/A       | GSMK            | 0.245     |
| GSM-PCS Edge |           | 8-PSK           | 0.248     |
| WCDMA-PCS    |           | Spread Spectrum | 4.17      |
| LTE-B25-2    | 20 MHz    | QPSK            | 18.09     |
|              |           | 16QAM           | 18.09     |
|              | 15 MHz    | QPSK            | 13.61     |
|              |           | 16QAM           | 13.59     |
|              | 10 MHz    | QPSK            | 9.04      |
|              |           | 16QAM           | 9.04      |
|              | 5 MHz     | QPSK            | 4.54      |
|              |           | 16QAM           | 4.54      |
|              | 3 MHz     | QPSK            | 2.72      |
|              |           | 16QAM           | 2.72      |
|              | 1.4 MHz   | QPSK            | 1.10      |
|              |           | 16QAM           | 1.12      |
| NR-n25-2     | 40 MHz    | $\pi/2$ BPSK    | 38.93     |
|              |           | QPSK            | 38.81     |
|              |           | 16QAM           | 38.89     |
|              | 35 MHz    | $\pi/2$ BPSK    | 32.53     |
|              |           | QPSK            | 33.85     |
|              |           | 16QAM           | 33.88     |
|              | 30 MHz    | $\pi/2$ BPSK    | 28.94     |
|              |           | QPSK            | 28.88     |
|              |           | 16QAM           | 28.84     |
|              | 25 MHz    | $\pi/2$ BPSK    | 23.13     |
|              |           | QPSK            | 24.01     |
|              |           | 16QAM           | 23.98     |
|              | 20 MHz    | $\pi/2$ BPSK    | 18.05     |
|              |           | QPSK            | 19.14     |
|              |           | 16QAM           | 19.14     |
|              | 15 MHz    | $\pi/2$ BPSK    | 13.54     |
|              |           | QPSK            | 14.24     |
|              |           | 16QAM           | 14.27     |
|              | 10 MHz    | $\pi/2$ BPSK    | 9.04      |
|              |           | QPSK            | 9.39      |
|              |           | 16QAM           | 9.38      |
|              | 5 MHz     | $\pi/2$ BPSK    | 4.53      |
|              |           | QPSK            | 4.52      |
|              |           | 16QAM           | 4.53      |

Table 7-7. Occupied Bandwidth Results – Ant1

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 19 of 163                    |

## GPRS PCS – Ant1



|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 20 of 163                    |

## WCDMA PCS – Ant1



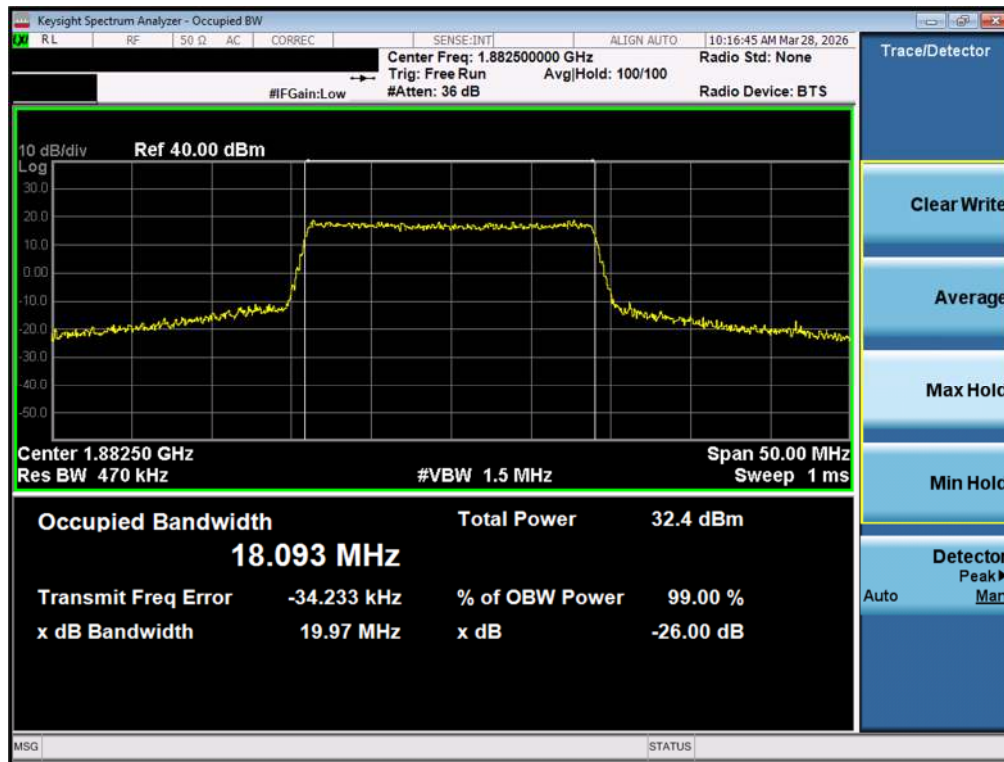
Plot 7-3. Occupied Bandwidth Plot (WCDMA, Ch. 9400 – Ant1)

|                                                      |                                                                                                                                                                                                                                                                                                      |                                             |                                      |                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMF776U<br><b>IC:</b> 649E-SMF776W | <b>PART 24   RSS-133</b><br><b>MEASUREMENT REPORT</b>                                                                                                                                                                                                                                                | <b>Test Dates:</b><br>3/24/2026 - 4/21/2026 | <b>EUT Type:</b><br>Portable Handset | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2602190015-03-R4.A3L    |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                             |                                      | Page 21 of 163                           |

## LTE Band 25/2 – Ant1

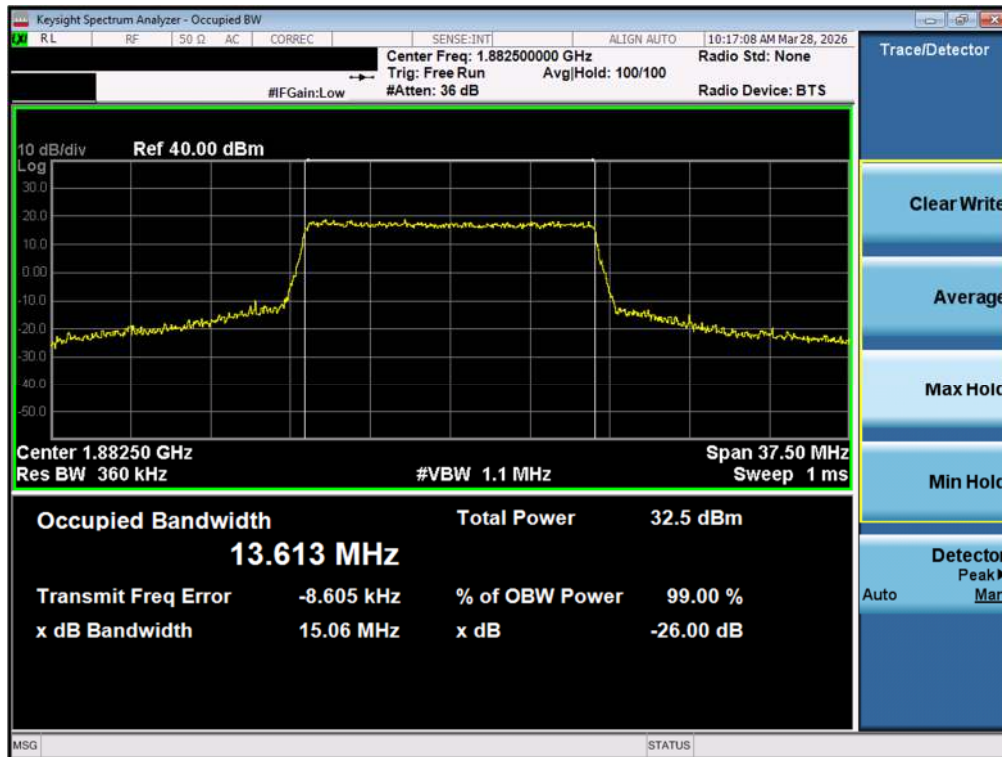


Plot 7-4. Occupied Bandwidth Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant1)



Plot 7-5. Occupied Bandwidth Plot (LTE Band 25/2 - 20MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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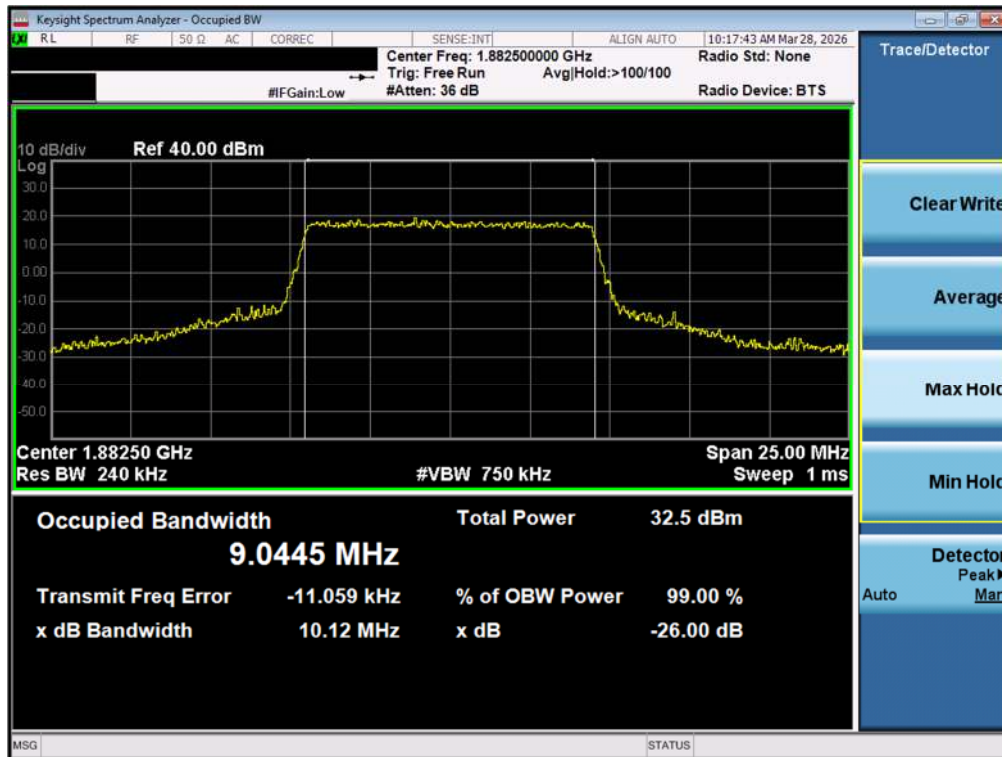


Plot 7-6. Occupied Bandwidth Plot (LTE Band 25/2 - 15MHz QPSK - Full RB - Ant1)

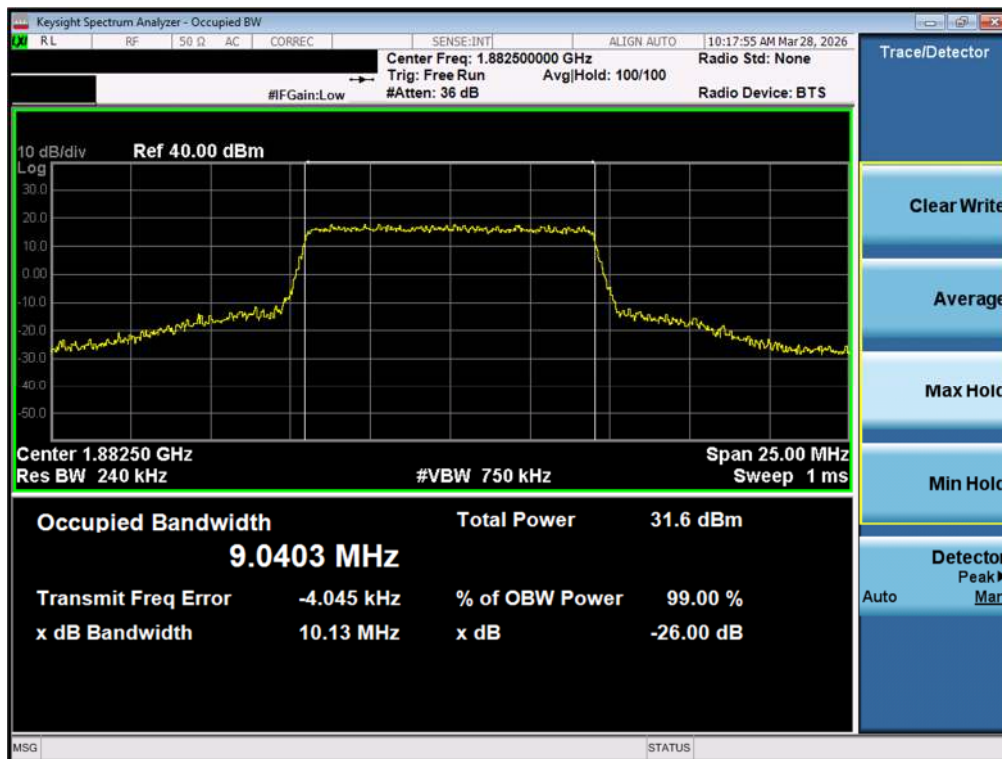


Plot 7-7. Occupied Bandwidth Plot (LTE Band 25/2 - 15MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                  |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                          | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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Plot 7-8. Occupied Bandwidth Plot (LTE Band 25/2 - 10MHz QPSK - Full RB - Ant1)

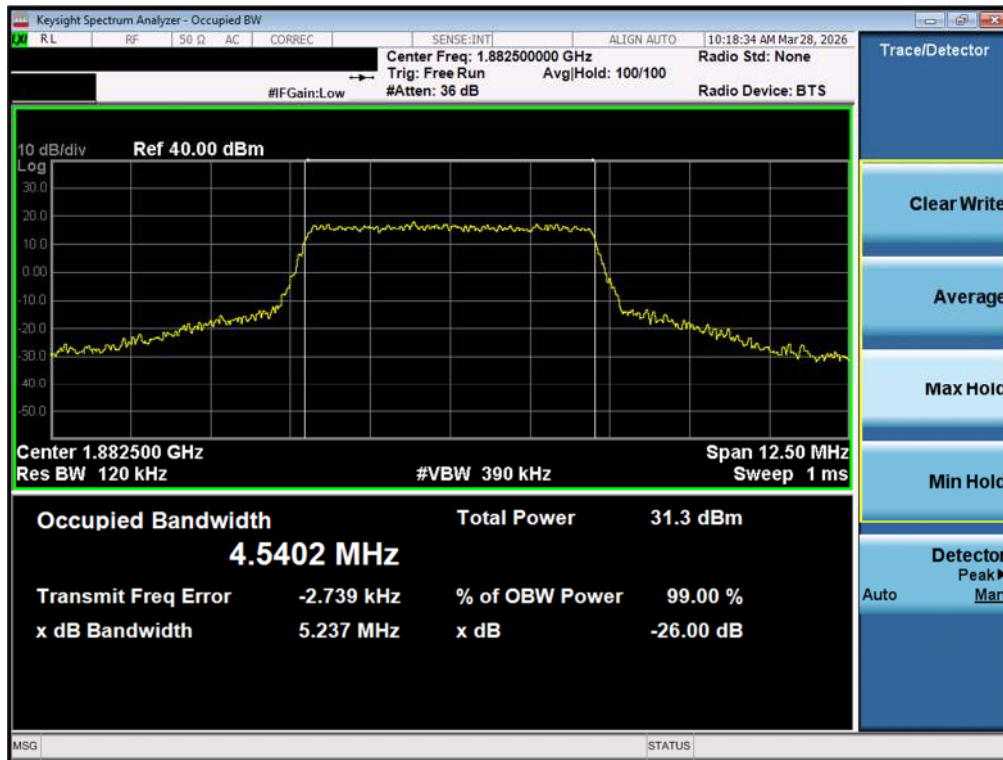


Plot 7-9. Occupied Bandwidth Plot (LTE Band 25/2 - 10MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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Plot 7-10. Occupied Bandwidth Plot (LTE Band 25/2 - 5MHz QPSK - Full RB - Ant1)



Plot 7-11. Occupied Bandwidth Plot (LTE Band 25/2 - 5MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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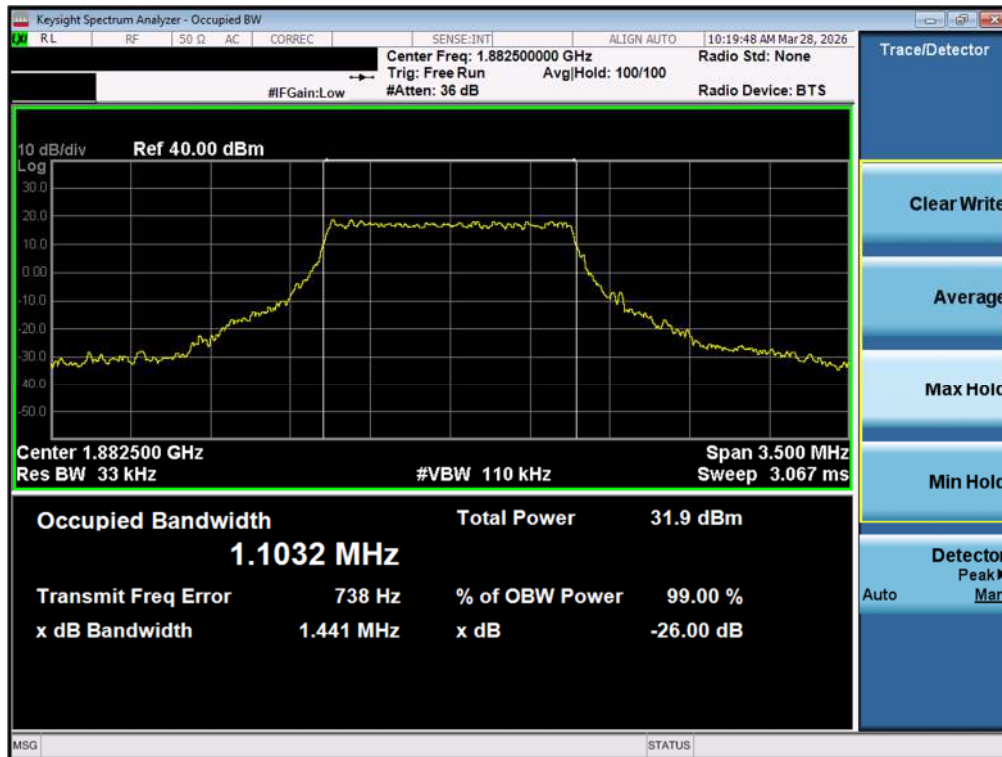


Plot 7-12. Occupied Bandwidth Plot (LTE Band 25/2 - 3MHz QPSK - Full RB - Ant1)



Plot 7-13. Occupied Bandwidth Plot (LTE Band 25/2 - 3MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 26 of 163                    |



Plot 7-14. Occupied Bandwidth Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant1)



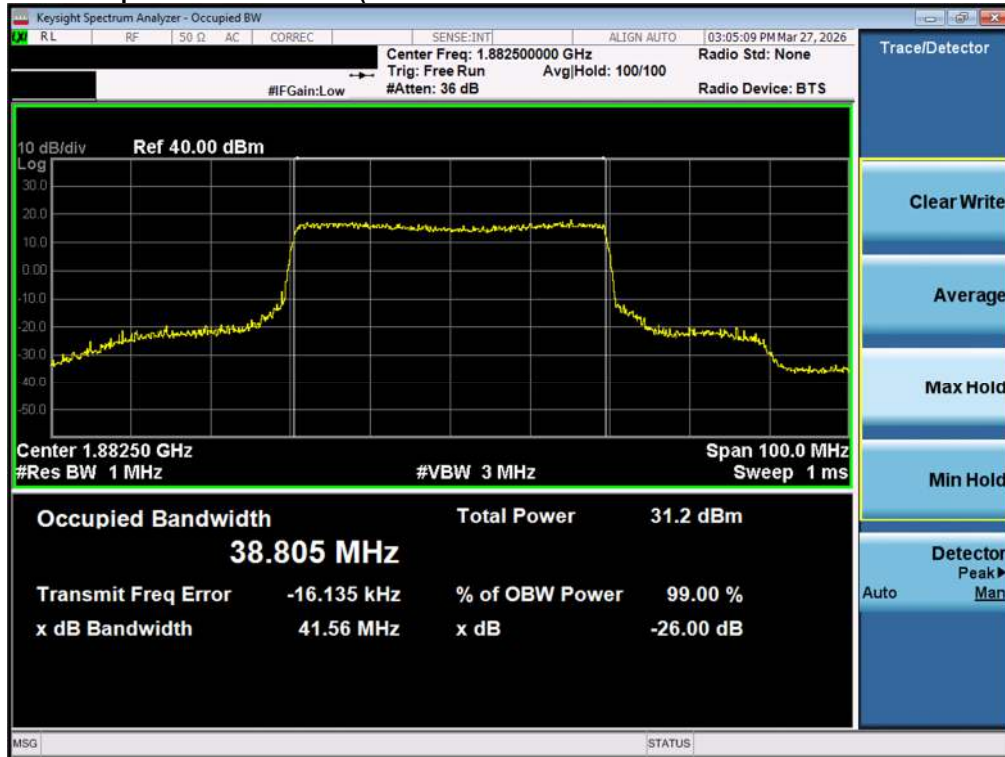
Plot 7-15. Occupied Bandwidth Plot (LTE Band 25/2 - 1.4MHz 16-QAM - Full RB - Ant1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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## NR Band n25/2 – Ant1

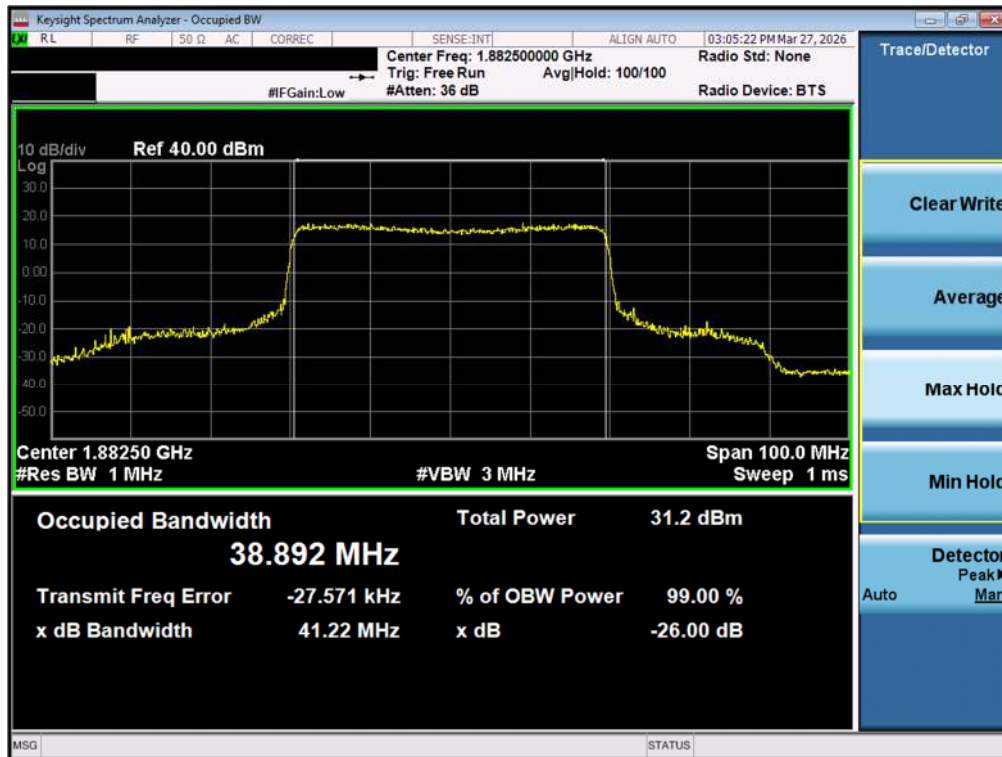


Plot 7-16. Occupied Bandwidth Plot (NR Band n25/2 - 40.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)



Plot 7-17. Occupied Bandwidth Plot (NR Band n25/2 - 40.0MHz CP-OFDM QPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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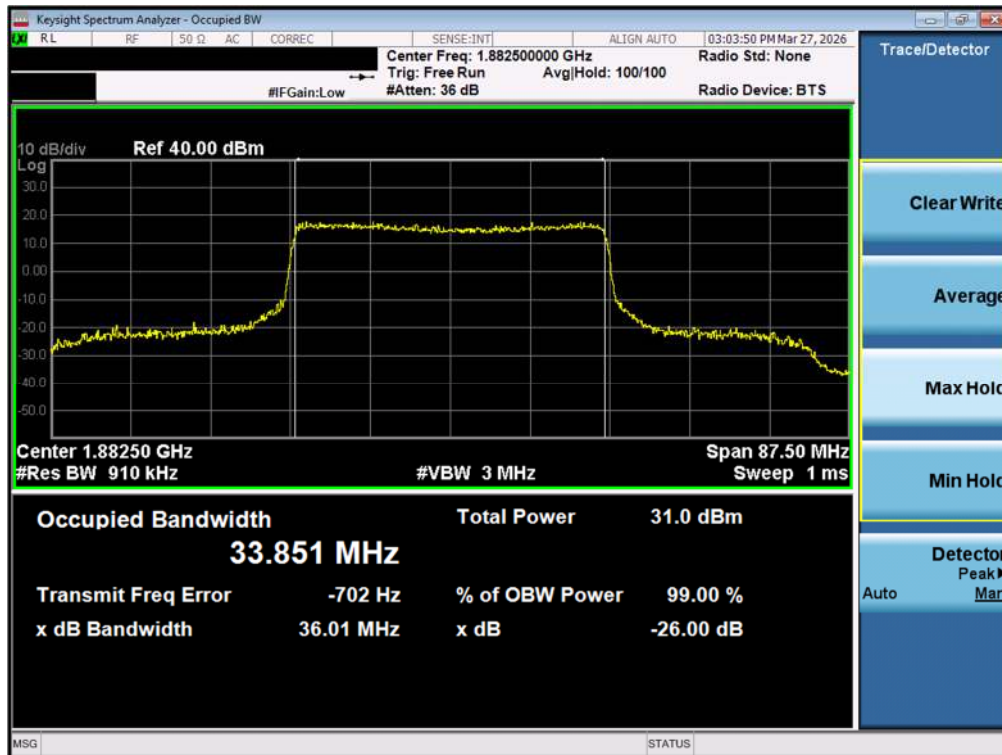


Plot 7-18. Occupied Bandwidth Plot (NR Band n25/2 - 40.0MHz CP-OFDM 16QAM - Full RB - ANT1)



Plot 7-19. Occupied Bandwidth Plot (NR Band n25/2 - 35.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
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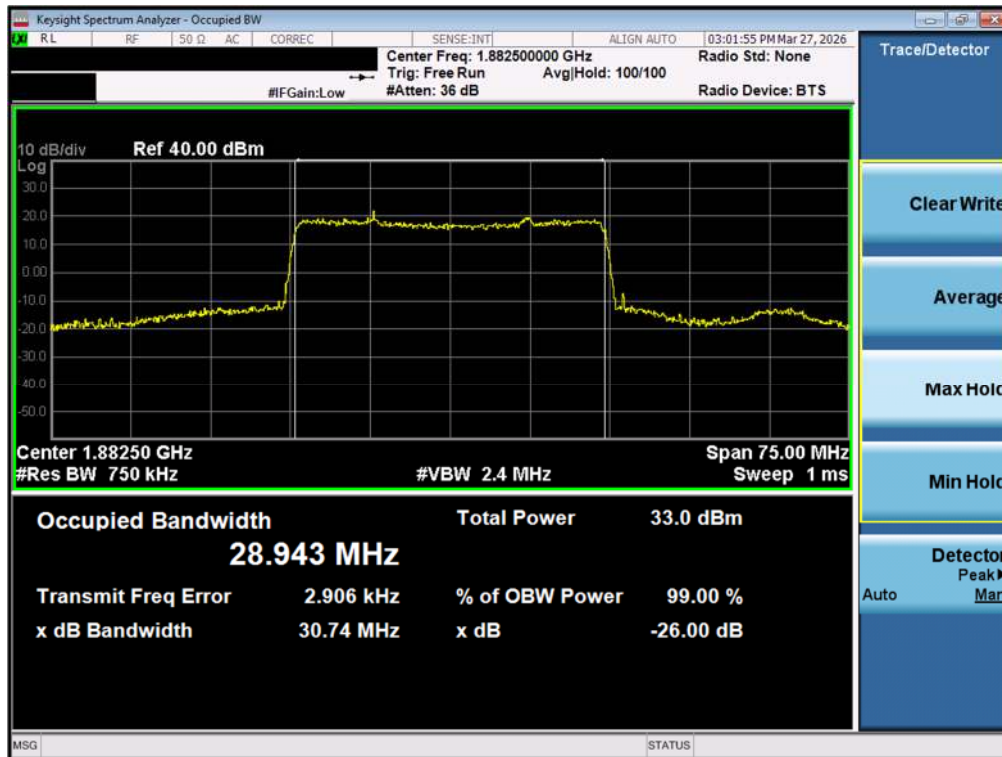


Plot 7-20. Occupied Bandwidth Plot (NR Band n25/2 - 35.0MHz CP-OFDM QPSK - Full RB - ANT1)



Plot 7-21. Occupied Bandwidth Plot (NR Band n25/2 - 35.0MHz CP-OFDM 16QAM - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 30 of 163                    |

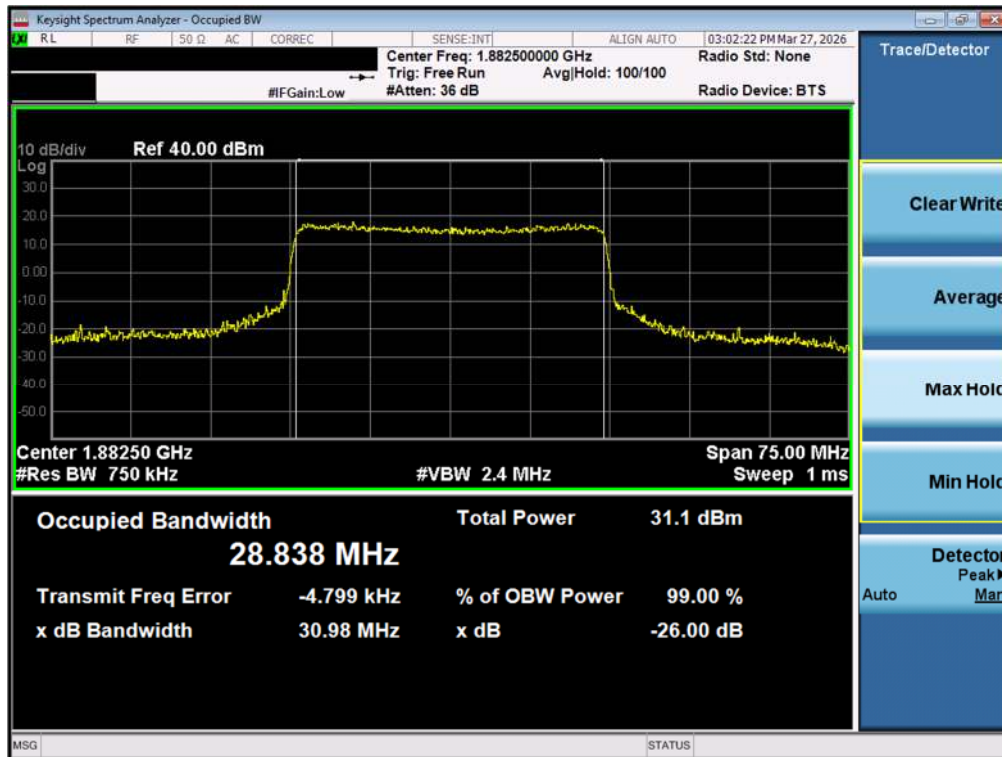


Plot 7-22. Occupied Bandwidth Plot (NR Band n25/2 - 30.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

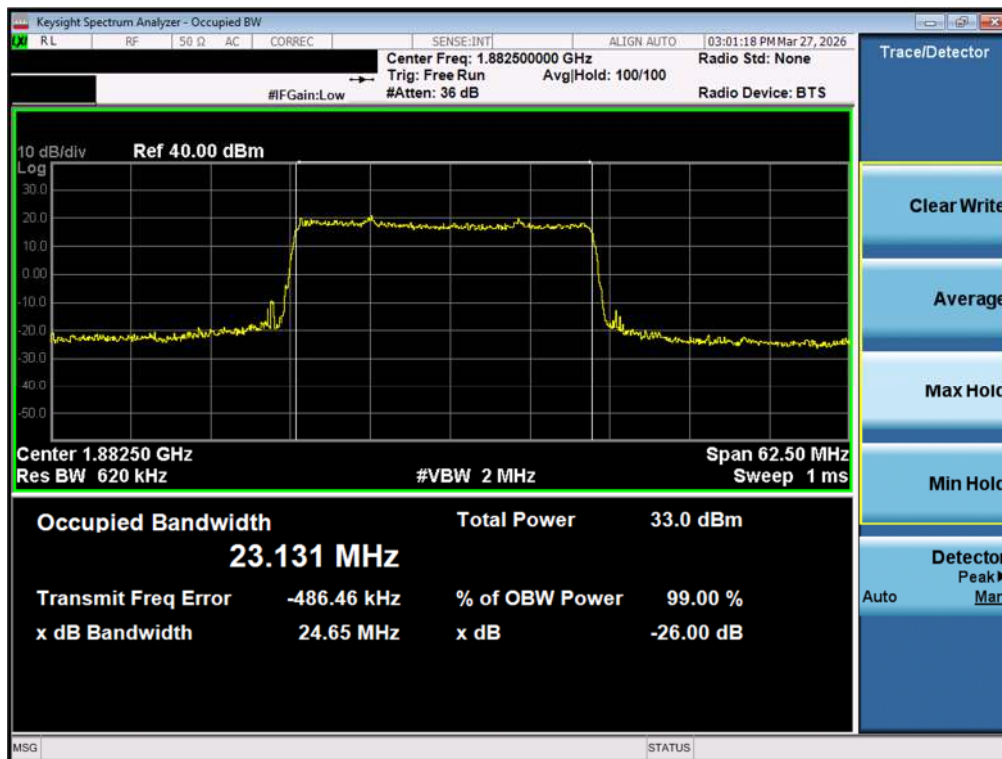


Plot 7-23. Occupied Bandwidth Plot (NR Band n25/2 - 30.0MHz CP-OFDM QPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 31 of 163                    |

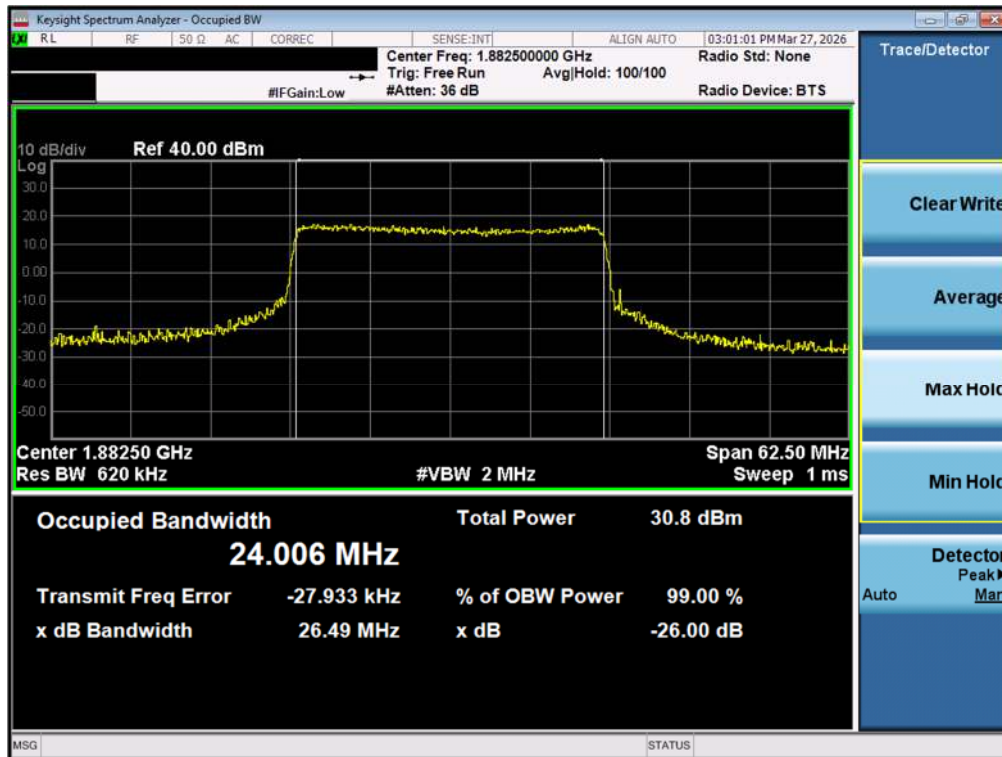


Plot 7-24. Occupied Bandwidth Plot (NR Band n25/2 - 30.0MHz CP-OFDM 16QAM - Full RB - ANT1)



Plot 7-25. Occupied Bandwidth Plot (NR Band n25/2 - 25.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 32 of 163                    |

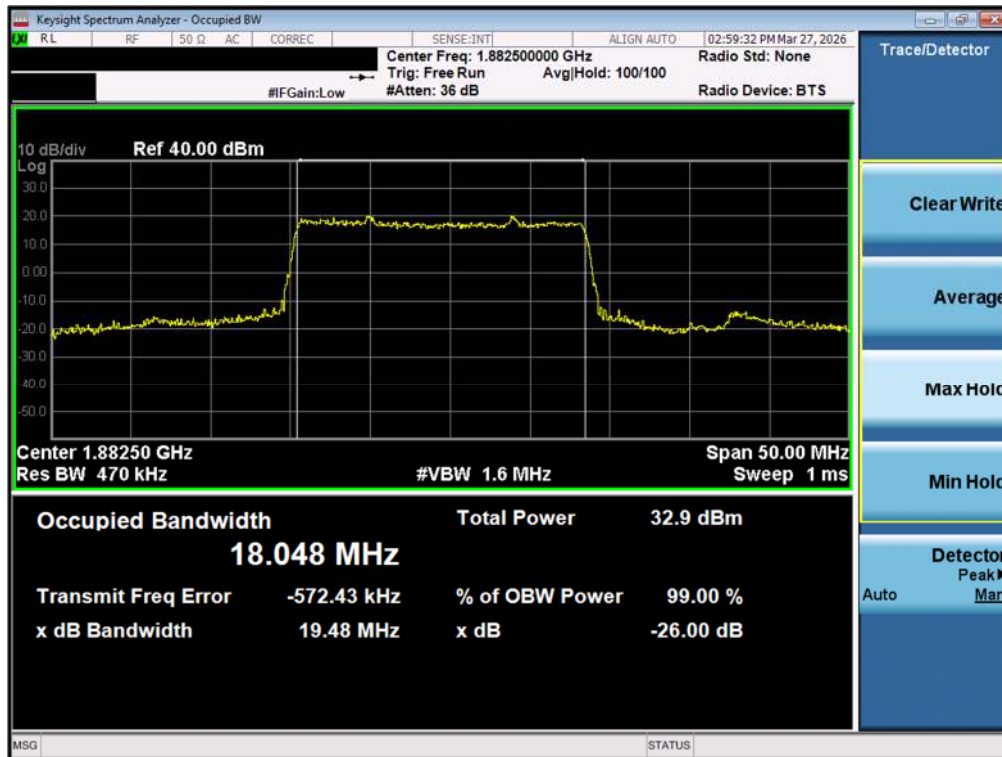


Plot 7-26. Occupied Bandwidth Plot (NR Band n25/2 - 25.0MHz CP-OFDM QPSK - Full RB - ANT1)

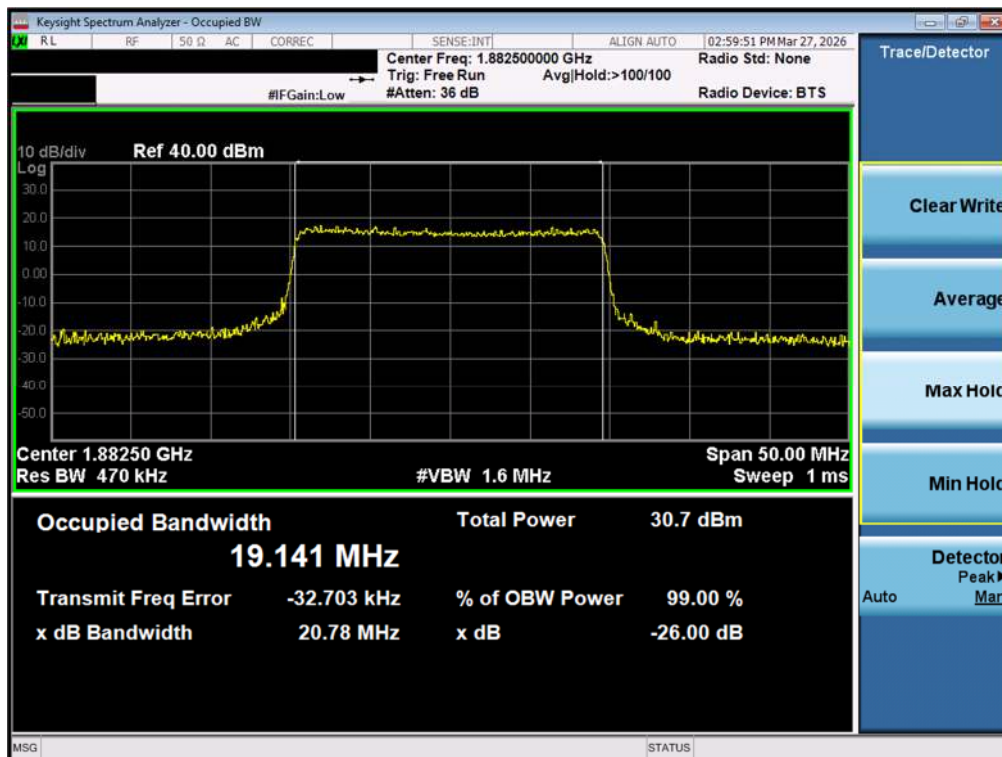


Plot 7-27. Occupied Bandwidth Plot (NR Band n25/2 - 25.0MHz CP-OFDM 16QAM - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 33 of 163                    |

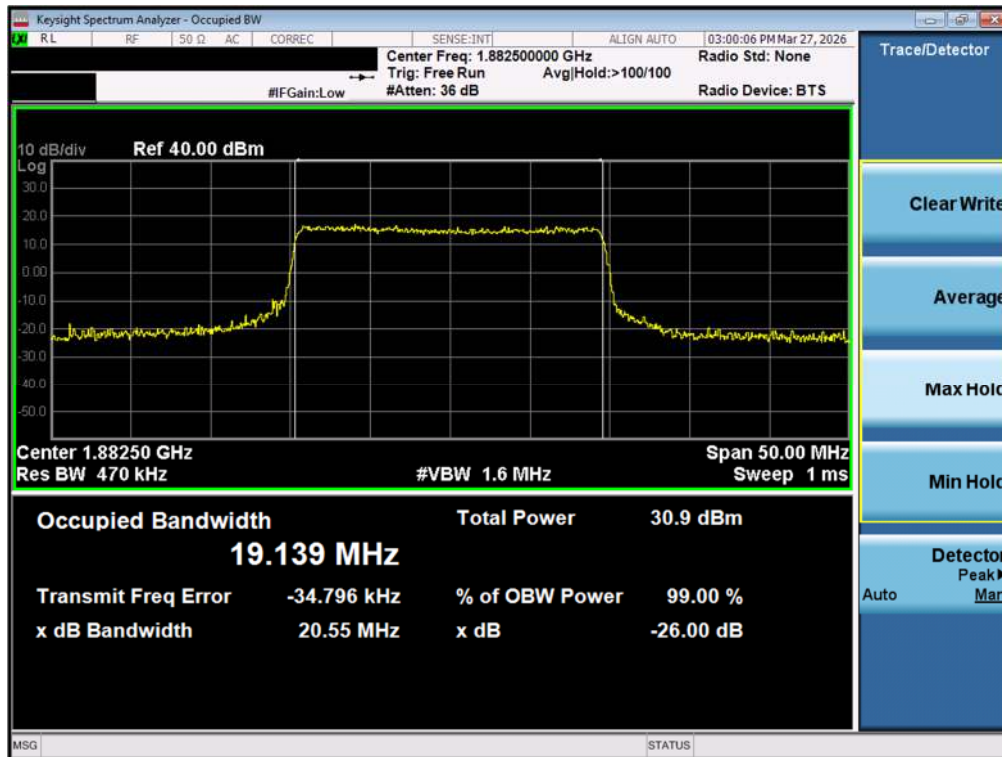


Plot 7-28. Occupied Bandwidth Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

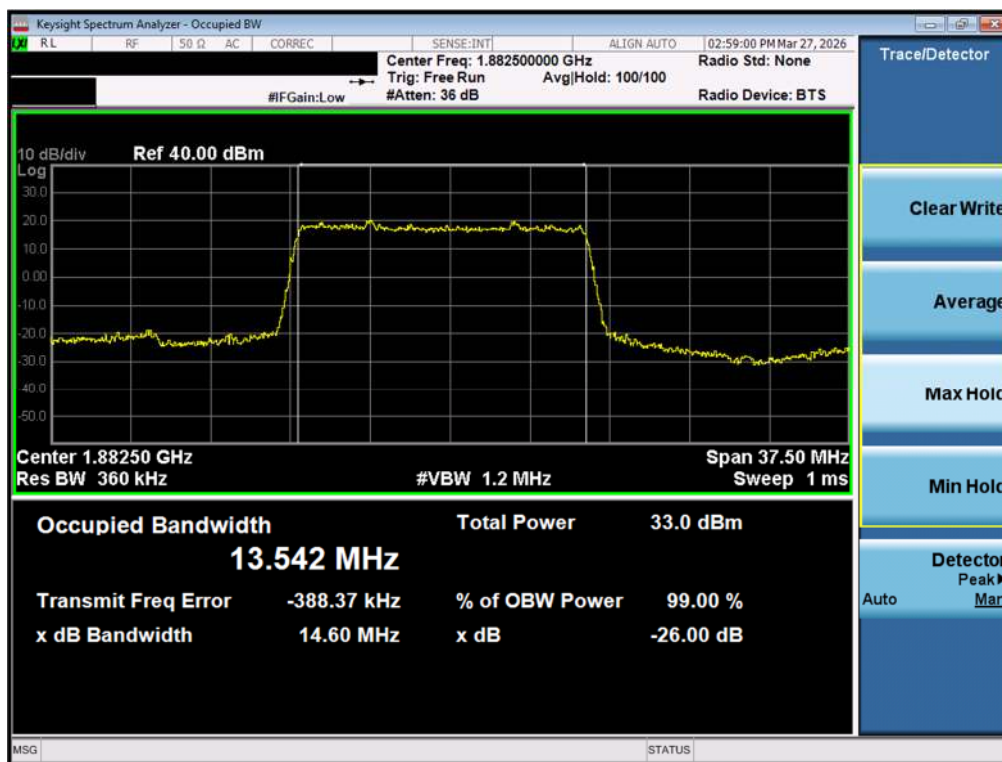


Plot 7-29. Occupied Bandwidth Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 34 of 163                    |

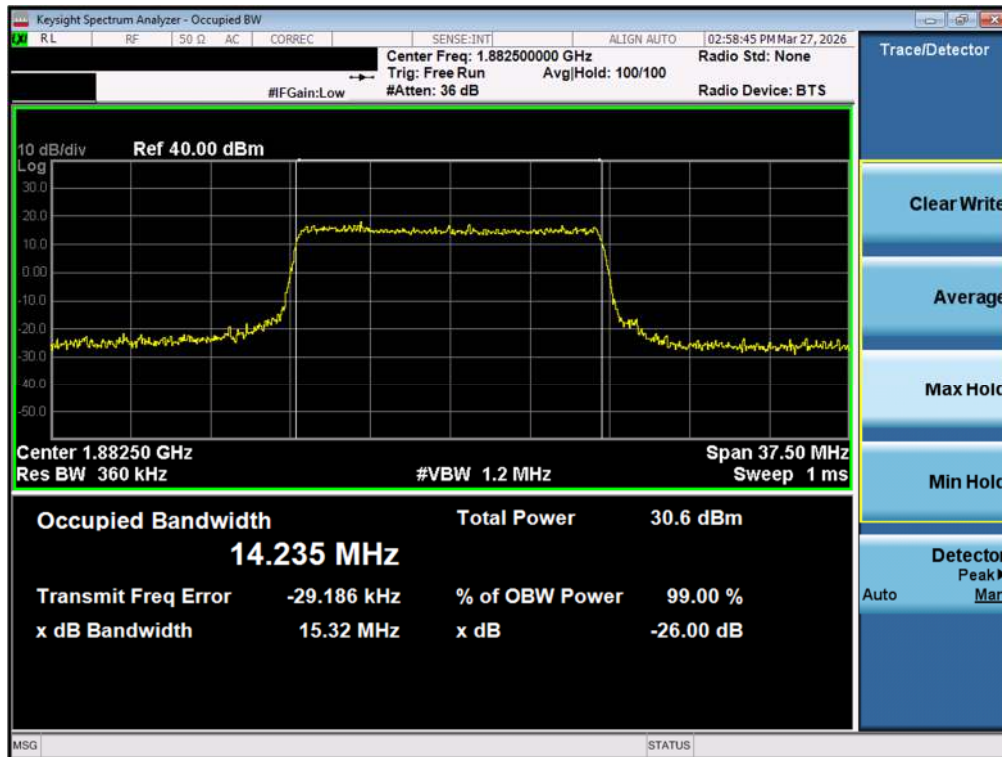


Plot 7-30. Occupied Bandwidth Plot (NR Band n25/2 - 20.0MHz CP-OFDM 16QAM - Full RB - ANT1)



Plot 7-31. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 35 of 163                    |

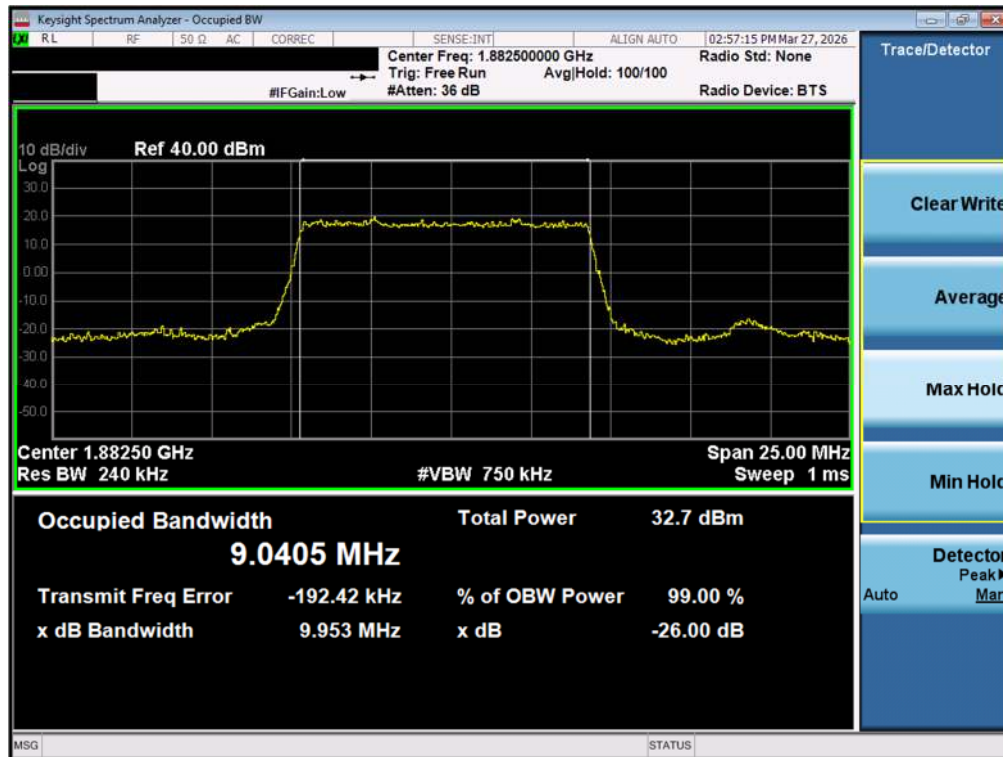


Plot 7-32. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz CP-OFDM QPSK - Full RB - ANT1)

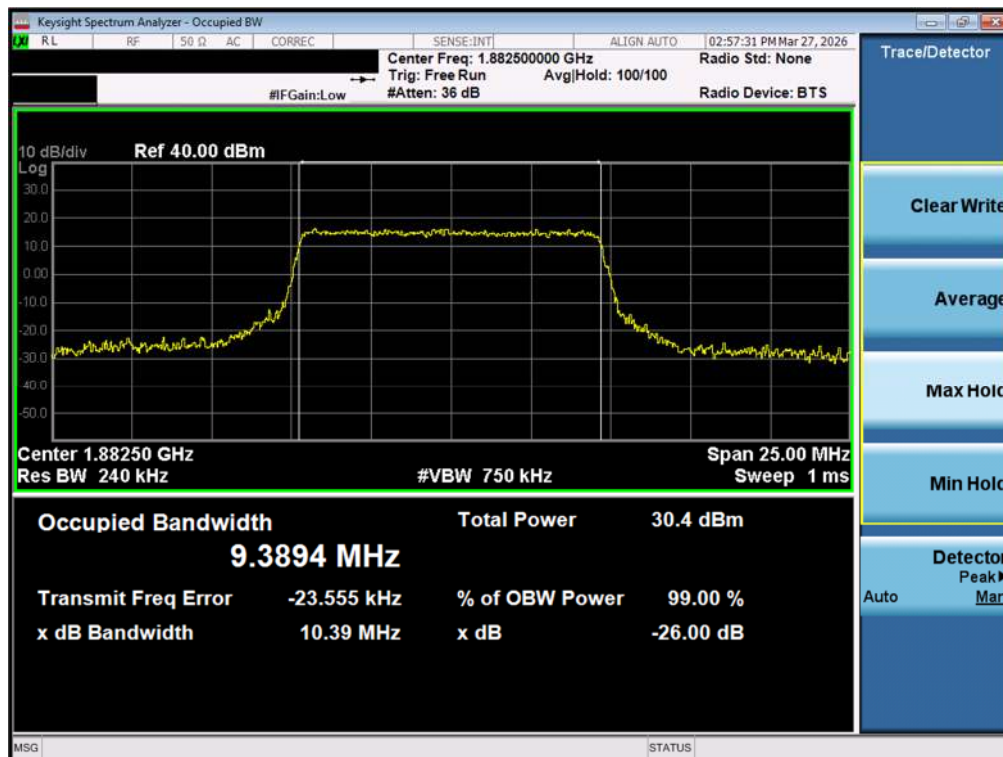


Plot 7-33. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz CP-OFDM 16QAM - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 36 of 163                    |



Plot 7-34. Occupied Bandwidth Plot (NR Band n25/2 - 10.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)



Plot 7-35. Occupied Bandwidth Plot (NR Band n25/2 - 10.0MHz CP-OFDM QPSK - Full RB - ANT1)

|                                            |                                                                                                                                                                                                                                                                                                      |                                      |                               |                                   |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMF776U<br>IC: 649E-SMF776W     | PART 24   RSS-133<br>MEASUREMENT REPORT                                                                                                                                                                                                                                                              | Test Dates:<br>3/24/2026 - 4/21/2026 | EUT Type:<br>Portable Handset | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2602190015-03-R4.A3L |  This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                      |                               | Page 37 of 163                    |