

PART 90 MEASUREMENT REPORT

Applicant Name:

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

Date of Testing:

4/13/2026 - 4/16/2026

Test Report Issue Date:

4/30/2026

Test Site/Location:

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

Test Report Serial No.:

1M2603110020-10-R1.A3L

FCC ID:

A3LSMF776B

APPLICANT:

Samsung Electronics Co., Ltd.

Application Type:

Certification

Model:

SM-F776B

EUT Type:

Portable Handset

FCC Classification:

PCS Licensed Transmitter Held to Ear (PCE)

FCC Rule Part:

§90(S), §90(R)

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: 1M2603110020-10-R1.A3L) supersedes and replaces the previously issued test report (S/N: 1M2603110020-10.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

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TEST REPORT REVISION HISTORY

Rev. No.	Description	Issue Date	Revised By
-	Initial Release	4/30/2026	WKR0000023889
1	Addressed comments made by TCB reviewer	5/22/2026	WKR0000023889

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FCC Part 90

Antenna-1							
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	Measurement	ERP		Emission Designator
					Max. Power [W]	Max. Power [dBm]	
LTE Band 26	15 MHz	QPSK	821.5	ERP	0.085	19.28	13M5G7D
		16QAM	821.5	ERP	0.064	18.08	13M5W7D
	15 MHz	QPSK	821.5	Conducted	0.313	24.95	13M5G7D
		16QAM	821.5	Conducted	0.233	23.67	13M5W7D
	10 MHz	QPSK	819.0	Conducted	0.314	24.97	9M07G7D
		16QAM	819.0	Conducted	0.246	23.91	9M09W7D
	5 MHz	QPSK	816.5 - 821.5	Conducted	0.315	24.98	4M59G7D
		16QAM	816.5 - 821.5	Conducted	0.249	23.96	4M57W7D
	3 MHz	QPSK	815.5 - 822.5	Conducted	0.321	25.07	2M74G7D
		16QAM	815.5 - 822.5	Conducted	0.250	23.98	2M74W7D
	1.4 MHz	QPSK	814.7 - 823.3	Conducted	0.320	25.05	1M12G7D
		16QAM	814.7 - 823.3	Conducted	0.242	23.84	1M11W7D

Antenna-2							
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	Measurement	Max. Power [W]	Max. Power [dBm]	Emission Designator
LTE Band 26	15 MHz	QPSK	821.5	ERP	0.039	15.94	13M58G7D
		16QAM	821.5	ERP	0.032	15.04	13M59W7D
	15 MHz	QPSK	821.5	Conducted	0.308	24.89	13M6G7D
		16QAM	821.5	Conducted	0.250	23.98	13M6W7D
	10 MHz	QPSK	819.0	Conducted	0.314	24.97	9M08G7D
		16QAM	819.0	Conducted	0.251	23.99	9M09W7D
	5 MHz	QPSK	816.5 - 821.5	Conducted	0.323	25.09	4M60G7D
		16QAM	816.5 - 821.5	Conducted	0.262	24.19	4M57W7D
	3 MHz	QPSK	815.5 - 822.5	Conducted	0.327	25.14	2M74G7D
		16QAM	815.5 - 822.5	Conducted	0.256	24.08	2M74W7D
	1.4 MHz	QPSK	814.7 - 823.3	Conducted	0.318	25.03	1M12G7D
		16QAM	814.7 - 823.3	Conducted	0.244	23.88	1M10W7D

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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. ("KR")

- 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

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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Samsung Portable Handset FCC ID: A3LSMF776B**. 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 90 and 22H.

Test Device Serial No.: 1502M, 1498M, 1497M

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, 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: EN-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
LTE 26	Ant A	Ant E

Table 2-1. Antenna Naming Convention

2.4 Software and Firmware

Testing was performed on device(s) using software/firmware version F776BXXU0AZDB 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.

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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:

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

And

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

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.

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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_{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

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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 – KR

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 – KR

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. KLTx2 Licensed Transmitter Cable Set Components – KR

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 5-4. UEK1 EMC Cable and Switch System Components – KR

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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.

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6.0 SAMPLE EMISSION DESIGNATORS

Emission Designator

QPSK Modulation

Emission Designator = 8M62G7D

LTE BW = 8.62 MHz

G = Phase Modulation

7 = Quantized/Digital Info

D = Data transmission, telemetry, telecommand

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7.0 TEST RESULTS

7.1 Summary

Company Name: Samsung Electronics Co., Ltd.
 FCC ID: A3LSMF776B
 FCC Classification: PCS Licensed Transmitter Held to Ear (PCE)
 Mode(s): LTE

Test Condition	Test Description	FCC Part Section(s)	RSS Section(s)	Test Limit	Test Result	Reference
CONDUCTED	Transmitter Conducted Output Power*	2.1046(a), 90.635(b)	RSS-Gen(6.12)	< 100 Watts	PASS	Section 7.2
	Occupied Bandwidth	2.1049(h)	RSS-Gen(6.7)	N/A	PASS	Section 7.3
	Conducted Band Edge / Spurious Emissions (LTE Band 26)	2.1051, 90.691(a)	N/A	> 43 + 10 log ₁₀ (P[Watts]) for all out-of-band emissions except emissions beyond 37.5kHz from the block edge > 50 + 10 log ₁₀ (P[Watts]) at Band Edge and for all out-of-band emissions within 37.5kHz of Block Edge	PASS	Sections 7.4, 7.5
	Frequency Stability	2.1055, 90.213	RSS-Gen(6.11), RSS-140(4.2)	< 2.5 ppm **Fundamental emissions stay within authorized frequency block	PASS	Section 7.9
RADIATED	Effective Radiated Power (LTE Band 26)	22.913(a)(2)	N/A	< 7 Watts max. ERP	PASS	Section 7.7
	Radiated Spurious Emissions (LTE Band 26)	2.1053, 90.691(a)	N/A	> 43 + 10 log ₁₀ (P[Watts]) for all out-of-band emissions except emissions beyond 37.5kHz from the block edge > 50 + 10 log ₁₀ (P[Watts]) at Band Edge and for all out-of-band emissions within 37.5kHz of Block Edge	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 shown in Section 7.0 were 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) For conducted spurious emissions, automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is EMC Software Tool v2.4.0

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7.2 Conducted Output Power Data

Test Overview

All emissions are measured with a call box 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. Span = 2 x OBW to 3 x OBW
2. Detector = RMS
3. Trace mode = trace average for continuous emissions, max hold for pulse emissions
4. Sweep time = auto couple
5. The trace was allowed to stabilize
6. 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. For LTE mode, the device was tested under all modulations, RB sizes and offsets, and channel bandwidth configurations and the worst case emissions are reported with 1 RB.
2. 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.
3. All other conducted power measurements are contained in the RF exposure report for this filing.
4. 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.

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Bandwidth	Modulation	Channel	Frequency [MHz]	RB Size/Offset	Conducted Power [dBm]
15 MHz	QPSK	26765	821.5	1 / 0	24.95
	16-QAM	26765	821.5	1 / 0	23.67
10 MHz	QPSK	26740	819.0	1 / 25	24.97
	16-QAM	26740	819.0	1 / 25	23.91
5 MHz	QPSK	26715	816.5	1 / 24	24.98
		26765	821.5	1 / 0	24.84
	16-QAM	26715	816.5	1 / 24	23.96
		26765	821.5	1 / 0	23.77
3 MHz	QPSK	26705	815.5	1 / 14	25.07
		26775	822.5	1 / 0	24.95
	16-QAM	26705	815.5	1 / 14	23.98
		26775	822.5	1 / 0	23.94
1.4 MHz	QPSK	26697	814.7	1 / 3	25.05
		26783	823.3	1 / 5	24.78
	16-QAM	26697	814.7	1 / 3	23.84
		26783	823.3	1 / 5	23.68

Table 7-2. LTE Band 26 Conducted Power Test Results – Ant1

Bandwidth	Modulation	Channel	Frequency [MHz]	RB Size/Offset	Conducted Power [dBm]
15 MHz	QPSK	26765	821.5	1 / 0	24.89
	16-QAM	26765	821.5	1 / 0	23.98
10 MHz	QPSK	26740	819.0	1 / 0	24.97
	16-QAM	26740	819.0	1 / 0	23.99
5 MHz	QPSK	26715	816.5	1 / 0	25.09
		26765	821.5	1 / 12	25.07
	16-QAM	26715	816.5	1 / 0	24.19
		26765	821.5	1 / 12	23.97
3 MHz	QPSK	26705	815.5	1 / 0	25.14
		26775	822.5	1 / 0	24.91
	16-QAM	26705	815.5	1 / 0	24.08
		26775	822.5	1 / 0	23.82
1.4 MHz	QPSK	26697	814.7	1 / 0	25.03
		26783	823.3	1 / 0	24.86
	16-QAM	26697	814.7	1 / 0	23.88
		26783	823.3	1 / 0	23.67

Table 7-3. LTE Band 26 Conducted Power Test Results – Ant2

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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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.

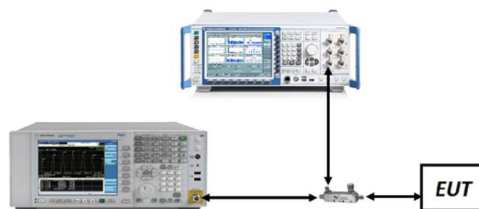


Figure 7-2. Test Instrument & Measurement Setup

Test Notes

None

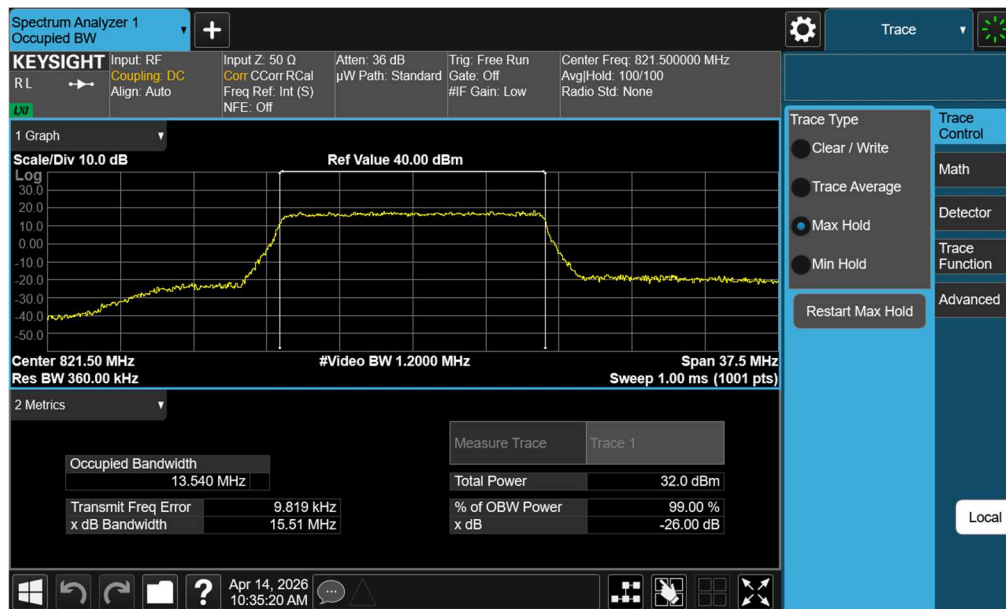
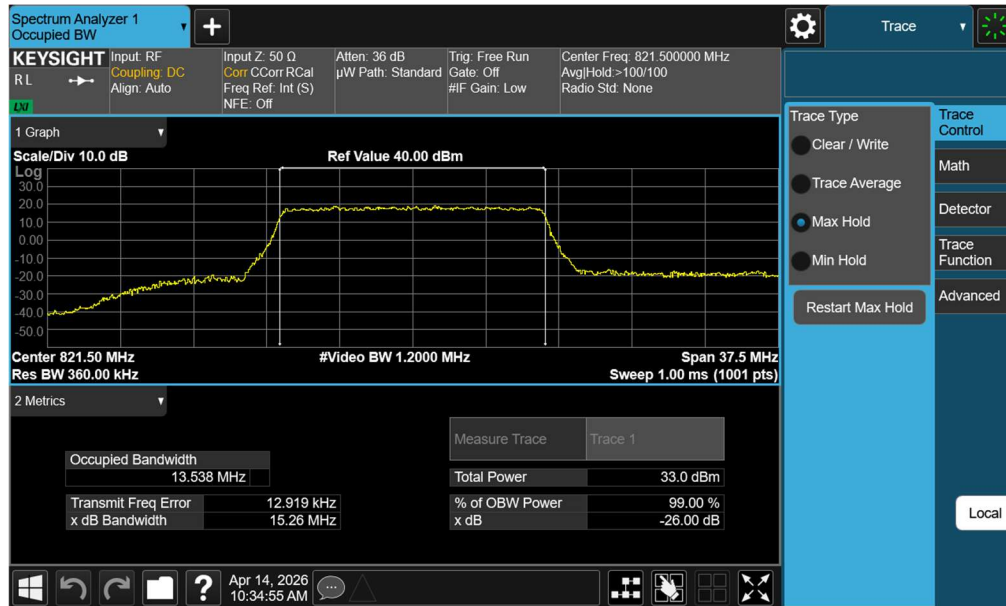
FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Mode	Bandwidth	Modulation	Channel	OBW [MHz]
LTE-B26	15 MHz	QPSK	Mid	13.54
		16QAM	Mid	13.54
	10 MHz	QPSK	Mid	9.07
		16QAM	Mid	9.09
	5 MHz	QPSK	Low	4.59
		QPSK	High	4.58
		16QAM	Low	4.57
		16QAM	High	4.57
	3 MHz	QPSK	Low	2.73
		QPSK	High	2.74
		16QAM	Low	2.74
		16QAM	High	2.74
	1.4 MHz	QPSK	Low	1.12
		QPSK	High	1.10
		16QAM	Low	1.10
		16QAM	High	1.11

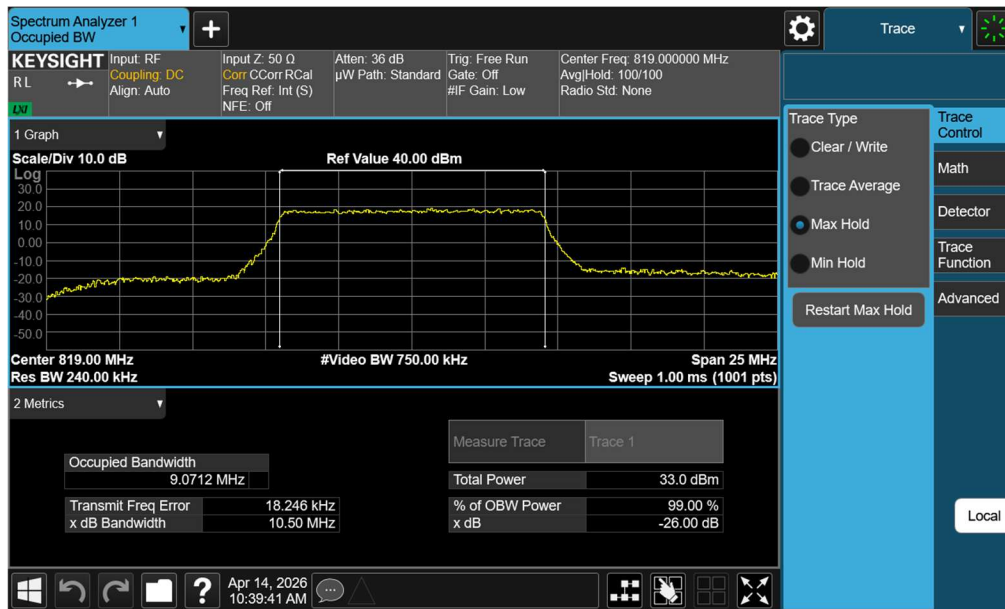
Table 7-4. Occupied Bandwidth Results – Ant1

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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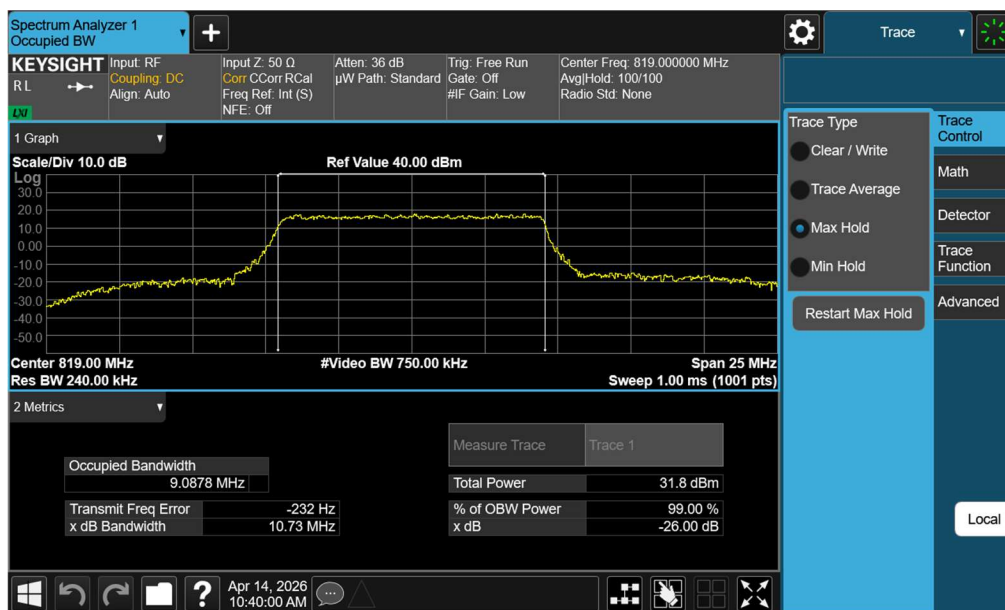
LTE Band 26 – Ant1



FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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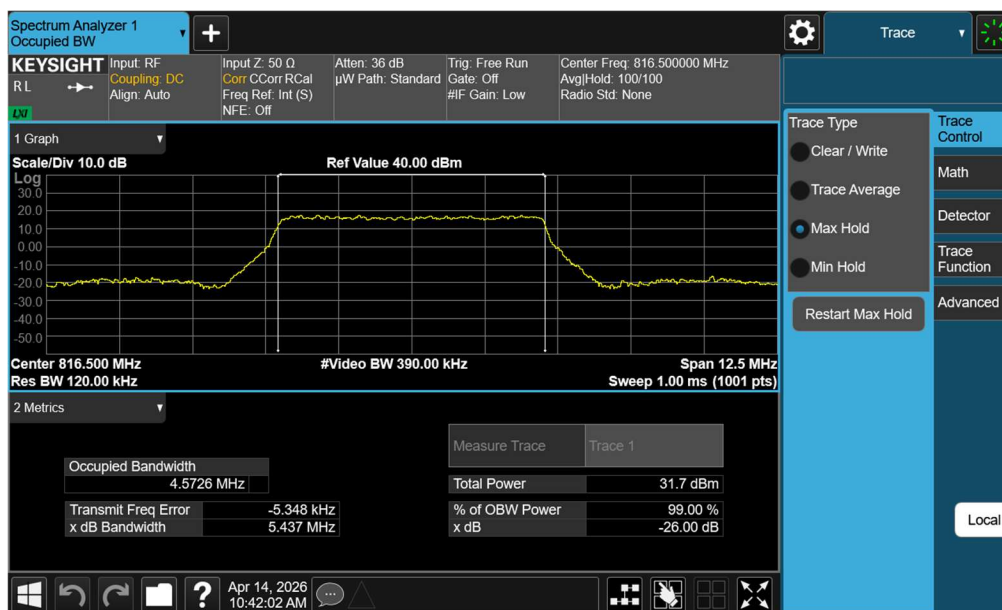
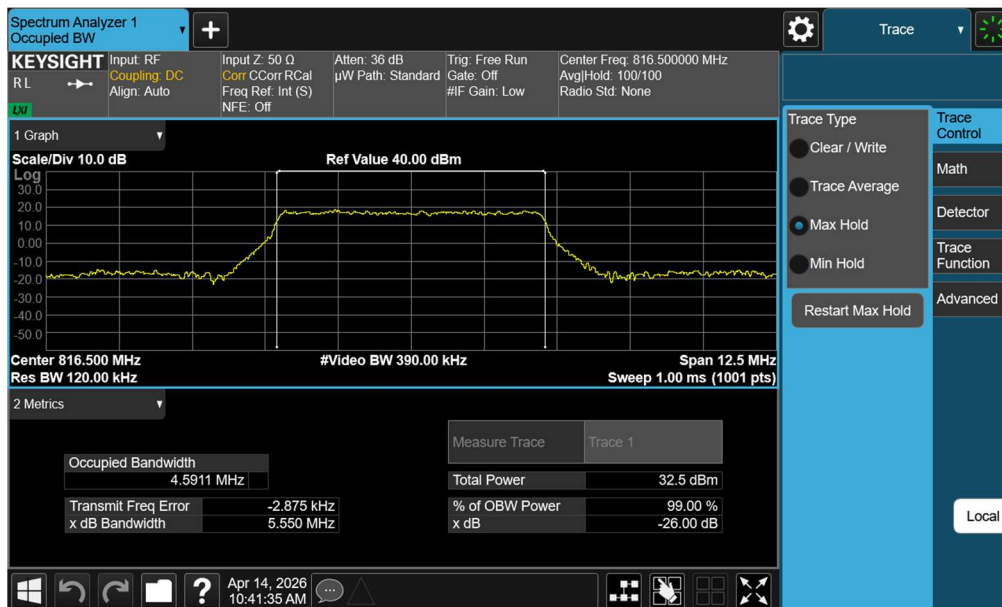


Plot 7-3. Occupied Bandwidth Plot (LTE Band 26 - 10MHz QPSK - Full RB)

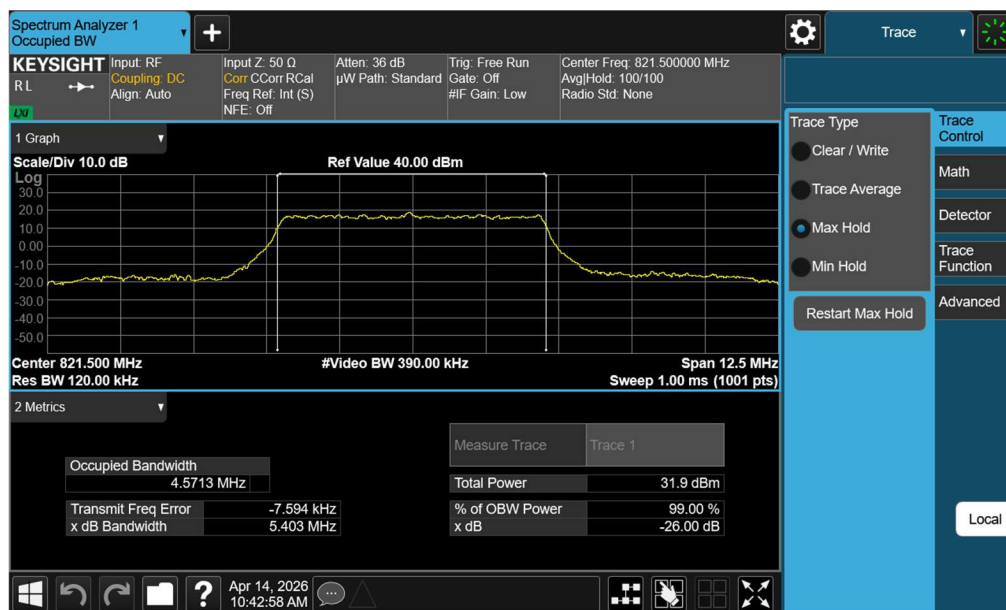
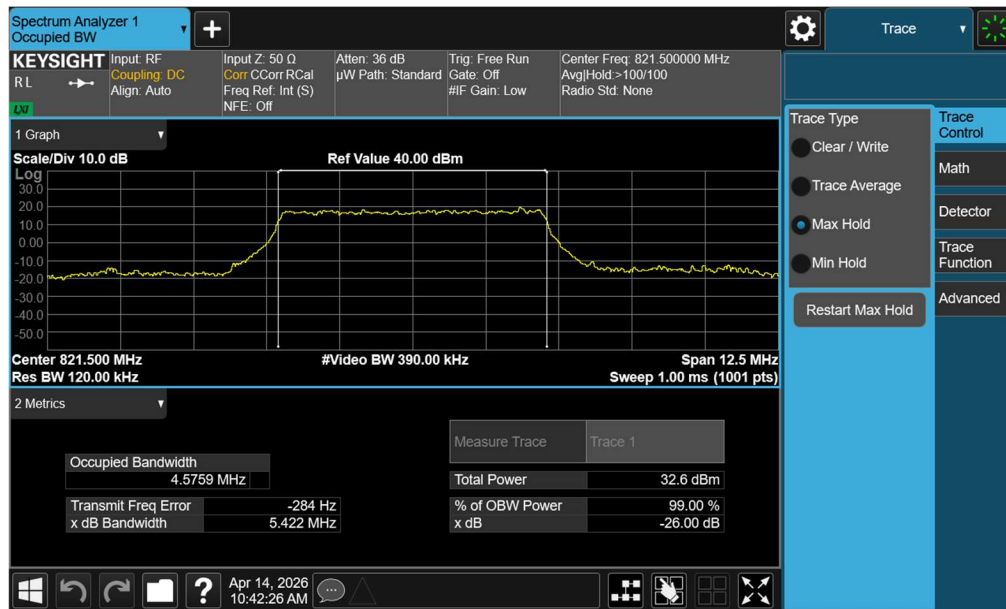


Plot 7-4. Occupied Bandwidth Plot (LTE Band 26 - 10MHz 16-QAM - Full RB)

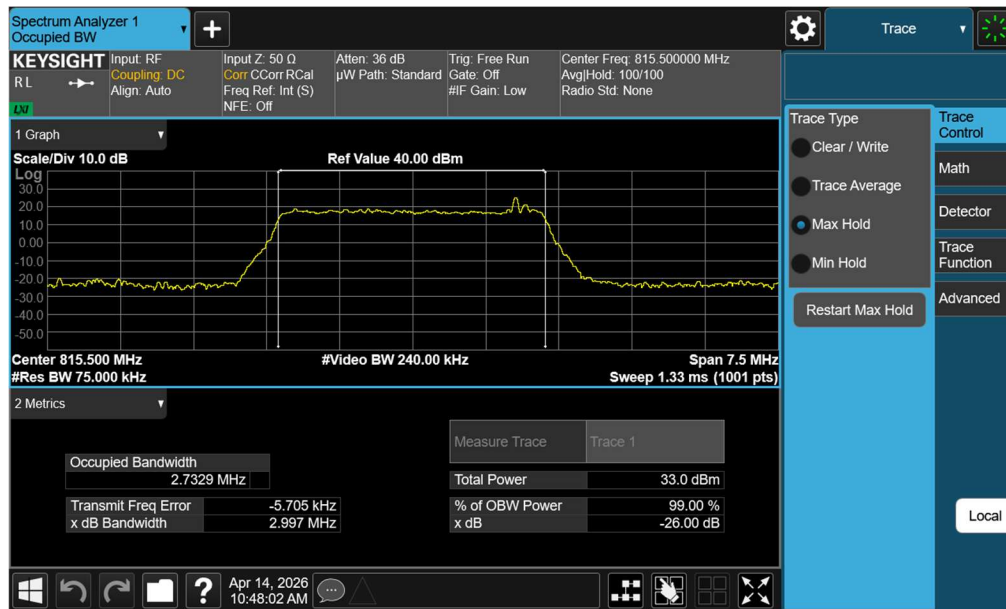
FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2603110020-10-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 18 of 59



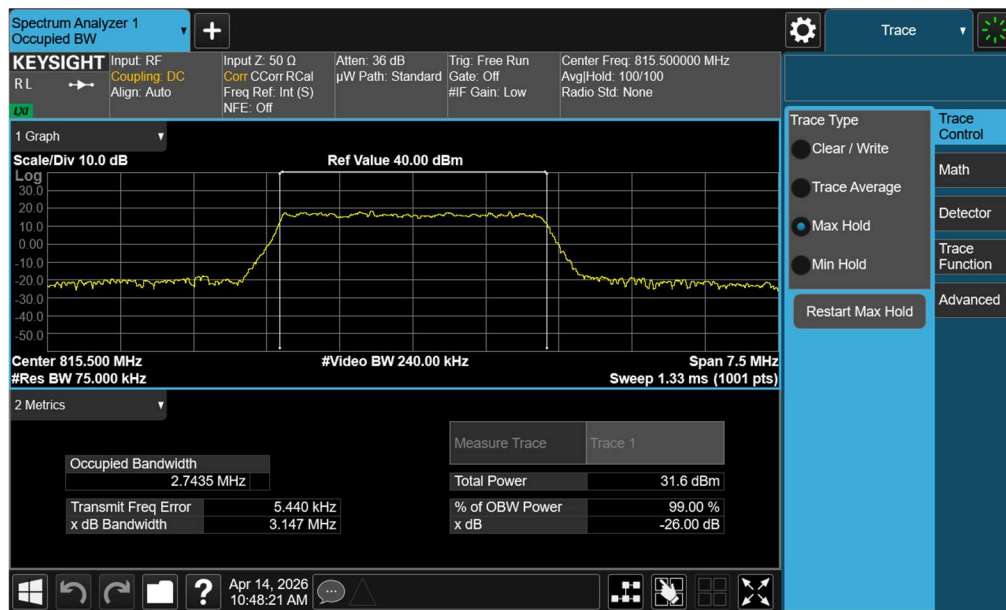
FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2603110020-10-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 19 of 59



FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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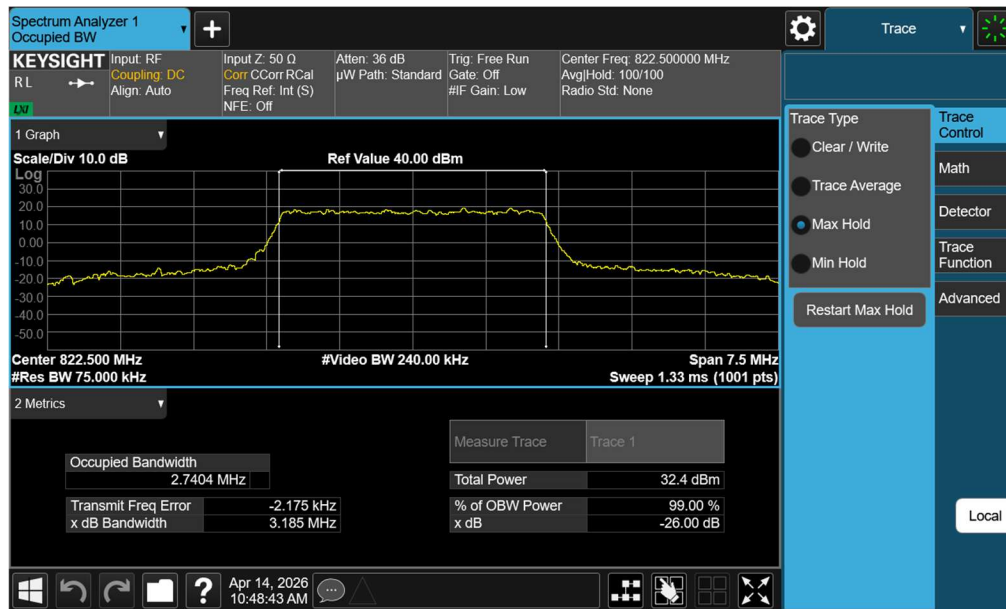


Plot 7-9. Occupied Bandwidth Plot (LTE Band 26 - 3MHz QPSK Low Channel - Full RB)

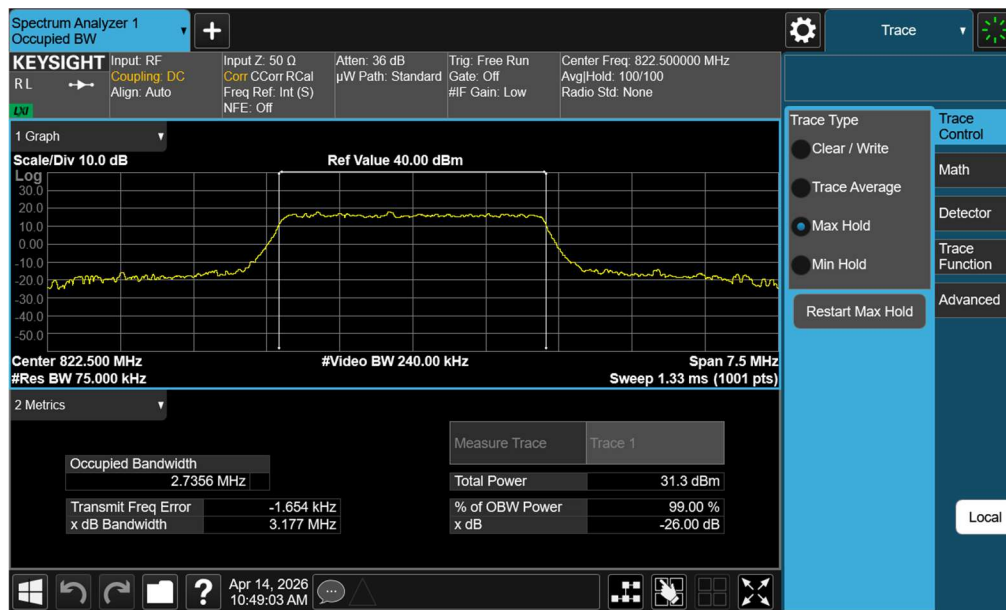


Plot 7-10. Occupied Bandwidth Plot (LTE Band 26 - 3MHz 16-QAM Low Channel - Full RB)

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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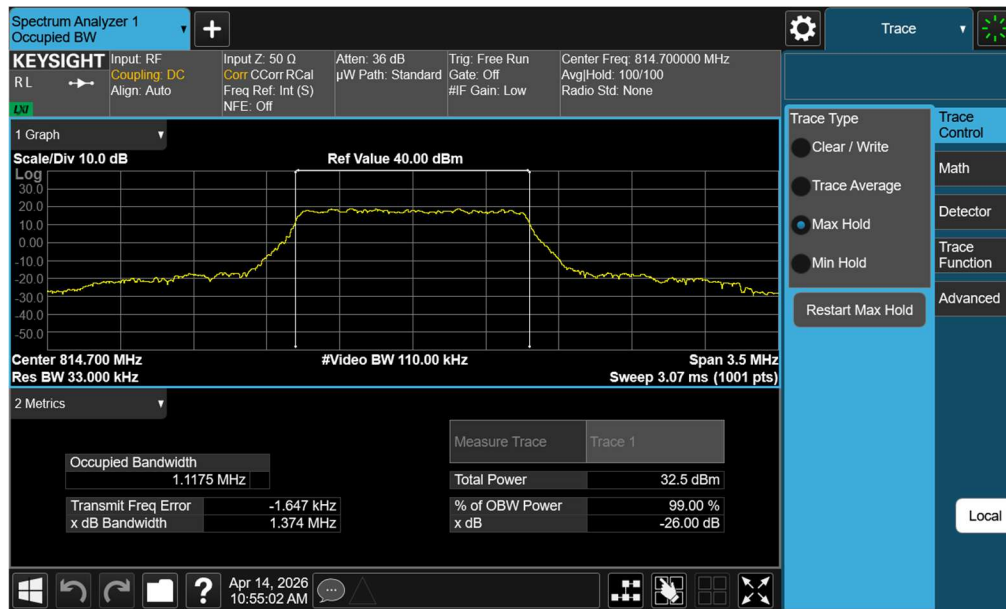


Plot 7-11. Occupied Bandwidth Plot (LTE Band 26 - 3MHz QPSK High Channel - Full RB)



Plot 7-12. Occupied Bandwidth Plot (LTE Band 26 - 3MHz 16-QAM High Channel - Full RB)

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2603110020-10-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 23 of 59



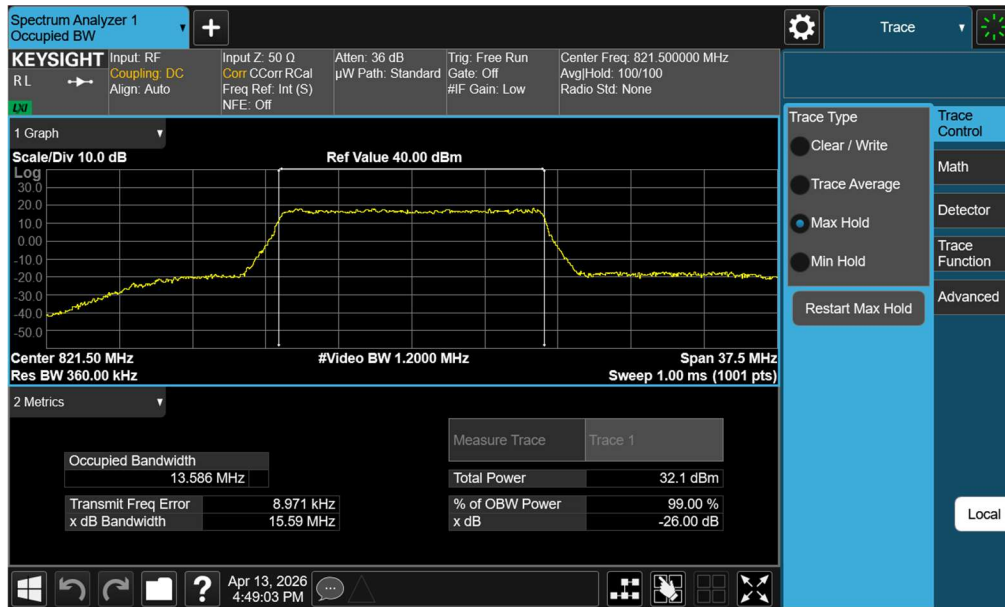
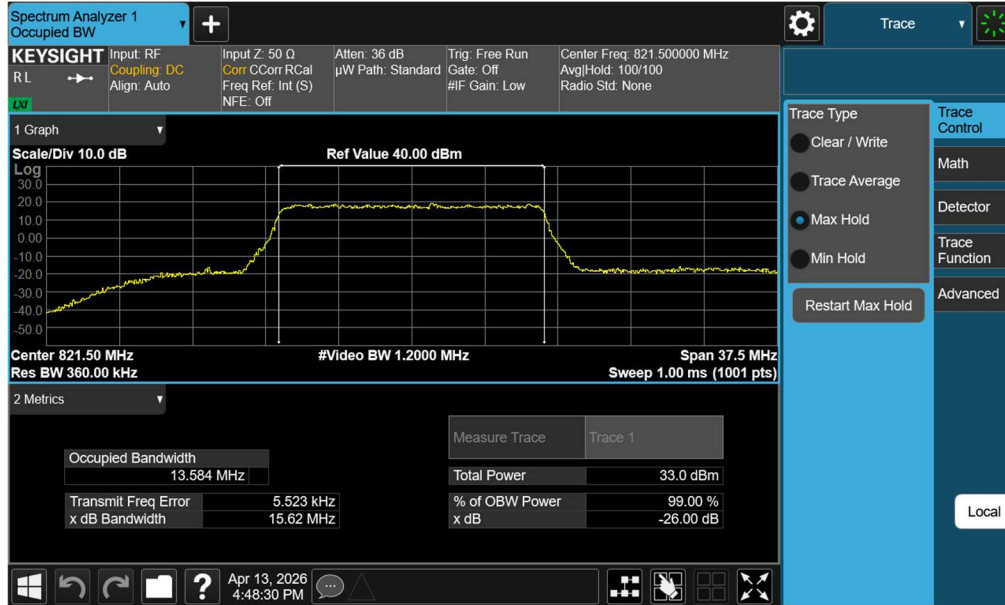
FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2603110020-10-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 24 of 59

Mode	Bandwidth	Modulation	Channel	OBW [MHz]
LTE-B26	15 MHz	QPSK	Mid	13.58
		16QAM	Mid	13.59
	10 MHz	QPSK	Mid	9.08
		16QAM	Mid	9.09
	5 MHz	QPSK	Low	4.60
		QPSK	High	4.57
		16QAM	Low	4.57
		16QAM	High	4.57
	3 MHz	QPSK	Low	2.74
		QPSK	High	2.74
		16QAM	Low	2.74
		16QAM	High	2.73
	1.4 MHz	QPSK	Low	1.12
		QPSK	High	1.10
		16QAM	Low	1.10
		16QAM	High	1.10

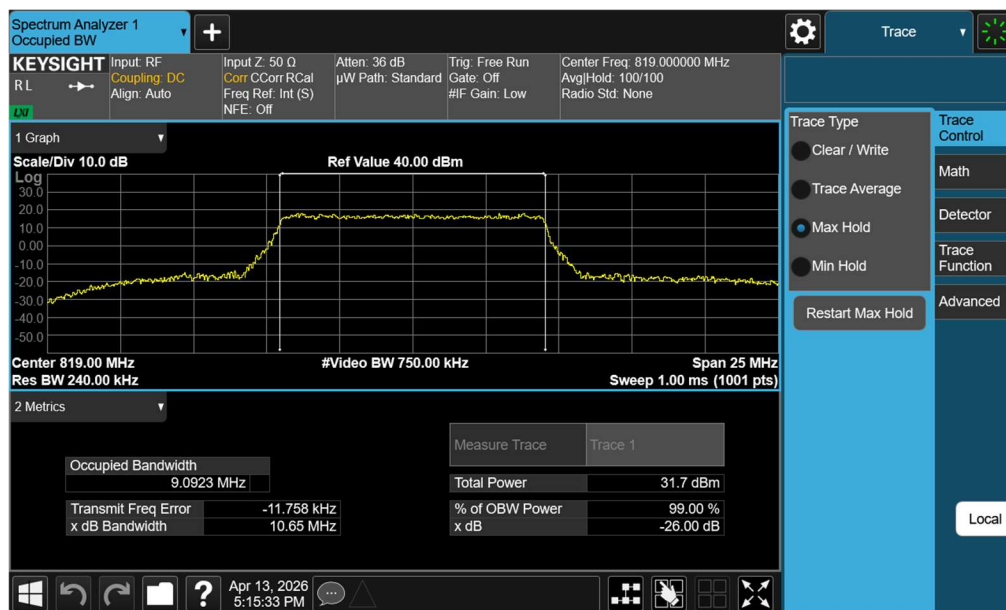
Table 7-5. Occupied Bandwidth Results – Ant2

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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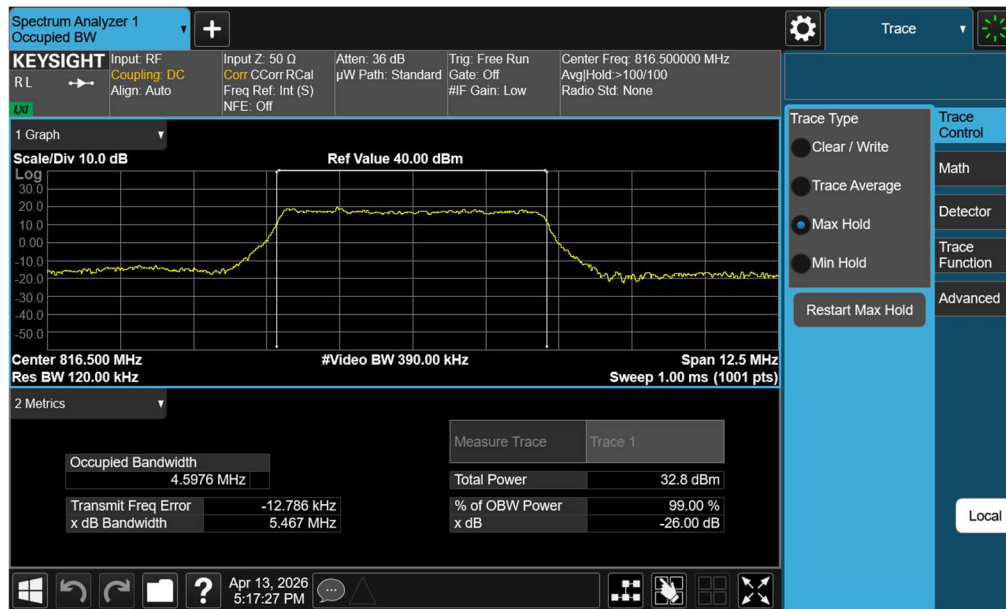
LTE Band 26 – Ant2



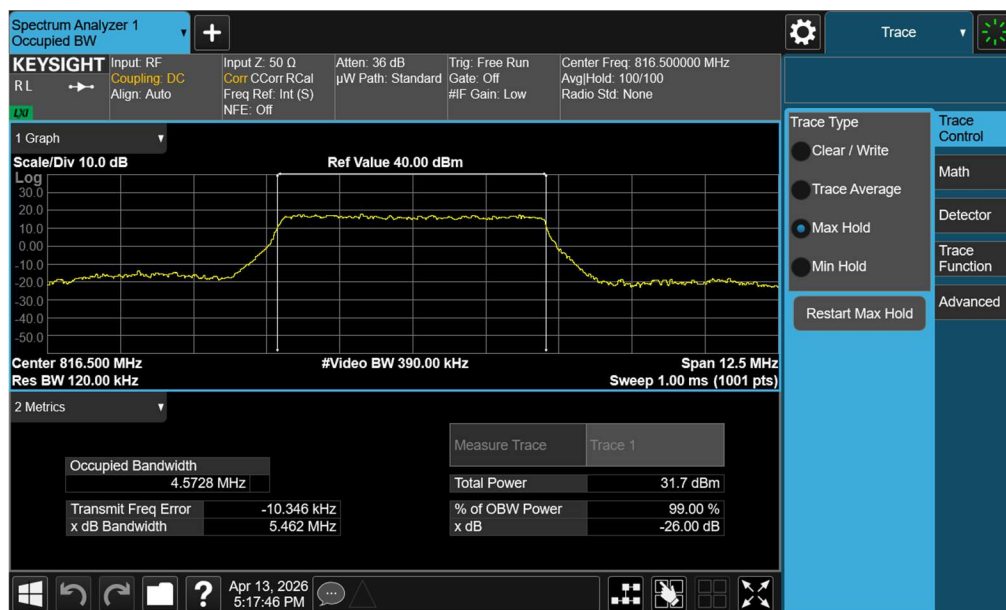
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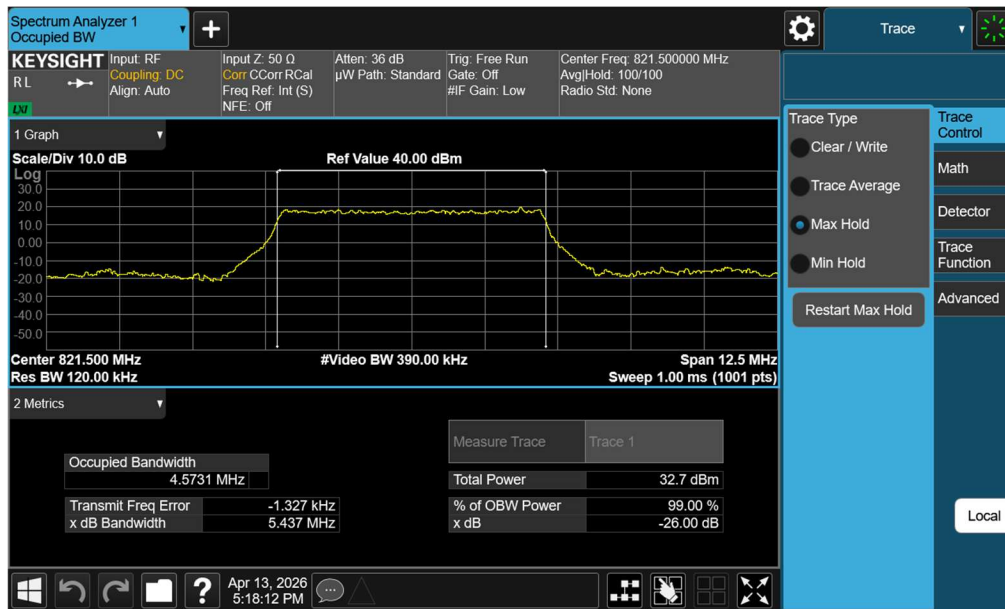


Plot 7-21. Occupied Bandwidth Plot (LTE Band 26 - 5MHz QPSK Low Channel - Full RB)



Plot 7-22. Occupied Bandwidth Plot (LTE Band 26 - 5MHz 16-QAM Low Channel - Full RB)

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Plot 7-23. Occupied Bandwidth Plot (LTE Band 26 - 5MHz QPSK High Channel - Full RB)



Plot 7-24. Occupied Bandwidth Plot (LTE Band 26 - 5MHz 16-QAM High Channel - Full RB)

FCC ID: A3LSMF776B	PART 90 MEASUREMENT REPORT	Test Dates: 4/13/2026 – 4/16/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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