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PART 27 | MEASUREMENT REPORT

Applicant Name:

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

Date of Testing:

7/8/2026 - 7/27/2026

Test Report Issue Date:

7/29/2026

Test Site/Location:

Element Lab., Columbia, MD, USA

Test Report Serial No.:

1M2607060061-03.A3L

FCC ID:

A3LSMA185G

APPLICANT:

Samsung Electronics Co., Ltd.

Application Type:

Certification

Model:

SM-A185G/DS

Additional Model(s):

SM-A185G

EUT Type:

Portable Handset

FCC Classification:

PCS Licensed Transmitter Held to Ear (PCE)

FCC Rule Part:

27

Test Procedure(s):

ANSI C63.26-2015

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.

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.

RJ Ortanez
Executive Vice President



FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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TEST REPORT REVISION HISTORY

Revision	Date	Comment	Revised By
-	7/29/2026	Initial Release	WKR0000023957

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Part 27 MEASUREMENT REPORT

Antenna-1						
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	EIRP		Emission Designator
				Max. Power [W]	Max. Power [dBm]	
WCDMA1700	N/A	Spread Spectrum	1712.4 - 1752.6	0.189	22.76	4M19F9W
LTE Band 66/4	20 MHz	QPSK	1720.0 - 1770.0	0.148	21.69	18M0G7D
		16QAM	1720.0 - 1770.0	0.121	20.83	18M0W7D
	15 MHz	QPSK	1717.5 - 1772.5	0.152	21.82	13M5G7D
		16QAM	1717.5 - 1772.5	0.130	21.15	13M5W7D
	10 MHz	QPSK	1715.0 - 1775.0	0.150	21.76	9M00G7D
		16QAM	1715.0 - 1775.0	0.130	21.15	8M98W7D
	5 MHz	QPSK	1712.5 - 1777.5	0.149	21.74	4M50G7D
		16QAM	1712.5 - 1777.5	0.127	21.05	4M50W7D
	3 MHz	QPSK	1711.5 - 1778.5	0.140	21.46	2M70G7D
		16QAM	1711.5 - 1778.5	0.111	20.47	2M70W7D
	1.4 MHz	QPSK	1710.7 - 1779.3	0.142	21.52	1M10G7D
		16QAM	1710.7 - 1779.3	0.124	20.92	1M10W7D

Antenna-1						
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	ERP		Emission Designator
				Max. Power [W]	Max. Power [dBm]	
LTE Band 12/17	10 MHz	QPSK	704.0 - 711.0	0.074	18.71	8M96G7D
		16QAM	704.0 - 711.0	0.062	17.92	8M96W7D
	5 MHz	QPSK	701.5 - 713.5	0.072	18.58	4M50G7D
		16QAM	701.5 - 713.5	0.062	17.92	4M51W7D
	3 MHz	QPSK	700.5 - 714.5	0.070	18.43	2M69G7D
		16QAM	700.5 - 714.5	0.060	17.76	2M69W7D
	1.4 MHz	QPSK	699.7 - 715.3	0.070	18.47	1M10G7D
		16QAM	699.7 - 715.3	0.062	17.90	1M10W7D
LTE Band 13	10 MHz	QPSK	782.0	0.036	15.59	9M04G7D
		16QAM	782.0	0.031	14.95	8M98W7D
	5 MHz	QPSK	779.5 - 784.5	0.037	15.63	4M51G7D
		16QAM	779.5 - 784.5	0.033	15.18	4M52W7D

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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.

1.2 Element Test Location

Measurements were conducted at the Element laboratory 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 lab located in Columbia, MD 21046, U.S.A.

- Element Washington DC LLC is an ISO 17025-2017 accredited test facility under the American Association for Laboratory Accreditation (A2LA) with Certificate number 2041.01 for Specific Absorption Rate (SAR), Hearing Aid Compatibility (HAC) testing, where applicable, and Electromagnetic Compatibility (EMC) testing for FCC rules.
- Element Washington DC LLC TCB is a Telecommunication Certification Body (TCB) accredited to ISO/IEC 17065-2012 by A2LA (Certificate number 2041.03) in all scopes of FCC Rules.
- Element Washington DC LLC facility is a registered test laboratory with the site description on file with FCC (Designation Number US1113).

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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Samsung Portable Handset FCC ID: A3LSMA185G**. 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 27.

Test Device Serial No.: 0107M, 0142M, 0163M, 0165M

2.2 Device Capabilities

This device contains the following capabilities:

850/1900 GSM/GPRS/RDGE, 850/1700/1900 WCDMA/HSPA, Multi-band LTE, 802.11b/g/n WLAN, 802.11a/n/ac UNII (5GHz), Bluetooth (1x, EDR, LE), 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.

2.4 Duty Cycle Information

For all LTE operations in FDD mode, the EUT duty cycle was set to 100%.

2.5 Software and Firmware

Testing was performed on device(s) using software/firmware version A185GXXU0AZG1 installed on the EUT.

2.6 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	1.13
Radiated Disturbance (<1GHz)	4.98
Radiated Disturbance (>1GHz)	5.07
Radiated Disturbance (>18GHz)	5.09

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
-	AP1-002	EMC Cable and Switch System	2/3/2026	Annual	2/3/2027	AP1-002
-	AP2-001	EMC Cable and Switch System	1/30/2026	Annual	1/30/2027	AP2-001
-	AP2-002	EMC Cable and Switch System	1/30/2026	Annual	1/30/2027	AP2-002
-	ETS-001	EMC Cable and Switch System	1/29/2026	Annual	1/29/2027	ETS-001
-	ETS-002	EMC Cable and Switch System	1/29/2026	Annual	1/29/2027	ETS-002
-	LTx1	Licensed Transmitter Cable Set	1/30/2026	Annual	1/30/2027	LTx1
-	LTx2	Licensed Transmitter Cable Set	1/30/2026	Annual	1/30/2027	LTx2
Anritsu	MT8821C	Radio Communication Analyzer	9/15/2025	Annual	9/15/2026	6201381794
Anritsu	MT8821C	Radio Communication Analyzer	9/15/2025	Annual	9/15/2026	6201144419
Espec	ESX-2CA	Environmental Chamber	11/20/2024	Biennial	11/20/2026	17620
ETS Lindgren	3117	1-18GHz DRG Horn (Medium)	6/4/2025	Biennial	6/4/2027	125518
Keysight Technologies	N9020A	MXA Signal Analyzer (NM)	6/5/2026	Annual	6/5/2027	MY54500644
Keysight Technologies	N9030A	PXA Signal Analyzer	11/3/2025	Annual	11/3/2026	MY54490576
Rohde & Schwarz	ESU26	EMI Test Receiver (26.5GHz)	12/19/2025	Annual	12/19/2026	100342
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	4/30/2018	No cal required	#N/A	165450
Sunol	JB5	JB5 Antenna	9/11/2024	Biennial	9/11/2026	A051107
Rohde & Schwarz	FSW26	2Hz-26.5GHz Signal and Spectrum Analyzer	11/18/2025	Annual	11/18/2026	103187
Rohde & Schwarz	TC-TA18	Cross Polarized Vivaldi Test Antenna (1-18GHz)	12/10/2024	Biennial	12/10/2026	101073

Table 5-1. Test Equipment Calibration Table

Component	Serial Number
Sucoflex 106A Cable	501992
MegaPhase Cable N29-N1N1-324	20335606 001
Rohde & Schwarz SF Unit	102133
MiniCircuits Cable CBL-2FT-SMSM+	77745
MegaPhase Cable 10511-1	15034701 001
MiniCircuits Switch RC 2SPDT-A18	11703270 041
Sucoflex 104 Cable	320259/4
Sucoflex 104 Cable	321999/4
Sucoflex 104 Cable	321995/4

Table 5-2. AP1-002 EMC Cable Switch System Components

Component	Serial Number
Flex Cable	P2A-0001
Micro-Coax Utilflex Cable UFB311A-Q-3346-50U50U MFR 64639	231978-003
Chamber Passthrough	CP4/X12
Micro-Coax Utilflex Cable UFB311A-1-0629-50U50U MFR 64639	231986-003
Micro-Coax Utilflex Cable UFB142A-0-0629-5GU200 MFR 6463	232069-001
Rohde & Schwarz TS-PR8 Pre-Amplifier	102335
Rohde & Schwarz OSP130 Open Switch and Control Unit	101181

Table 5-3. AP2-001 EMC Cable Switch System Components

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Component	Serial Number
MiniCircuits Cable CBL-0.5M-SMNM+	47261
Micro-Coax Utilflex Cable UFB311A-Q-3346-50U50U MFR 64639	231978-001
Micro-Coax Utilflex Cable UFB311A-1-0629-50U50U MFR 64639	231986-002
MegaPhase (CAGE 1GVT4) Cable NC29-N1N1-324	19046401 001
Megaphase (CAGE 1GVT4) Flex Cable 10511-1	15044701-006
Micro-Coax Utilflex Cable UFB311A-Q-3346-50U50U MFR 64639	231978-002
Micro-Coax Utilflex Cable UFB311A-1-0629-50U50U MFR 64639	231986-004
Micro-Coax Utilflex Cable UFB142A-0-0629-5GU200 MFR 64639	232069-001
Rohde & Schwarz SF Unit	102138
Rohde & Schwarz OSP130 Open Switch and Control Unit	101181
Micro-Coax Utilflex Cable UFB311A-Q-3346-50U50U MFR 64639	231978-003
Micro-Coax Utilflex Cable UFB311A-1-0629-50U50U MFR 64639	231986-003
Rohde & Schwarz TS-PR8 Pre-Amplifier	102335

Table 5-4. AP2-002 EMC Cable Switch System Components

Component	Serial Number
Pasternack Cable RG214/U	111815
MegaPhase (CAGE 1GVT4) Cable GR18-N5N5-24	14042714 001

Table 5-5. ETS-001 EMC Cable Switch System Components

Component	Serial Number
MegaPhase (CAGE 1GVT4) Cable GR18-N5N5-24	14042714 001
MegaPhase (CAGE 1GVT4) Cable NC29-N1N1-324	20502201 001
Rohde & Schwarz SF Unit	102134
Minicircuits Cable CBL=0.5M-NMNM+	15440

Table 5-6. ETS-002 EMC Cable Switch System Components

Component	Serial Number
Keysight Directional Coupler, Model: 87300C	55300398
Mini Circuits 6dB Attenuator, BW S6 2W263+	2105
MegaPhase Cable, Model: TM26-S1S1-30	20233001 004

Table 5-7. LTx1 EMC Cable Switch System Components

Component	Serial Number
Keysight Directional Coupler, Model: 87300C	55300391
Mini Circuits 6dB Attenuator, Model: BW S6 2W263+	1845
MegaPhase Cable, Model: TM26-S1S1-30	20233001 006

Table 5-8. LTx2 EMC Cable Switch System Components

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Notes:

1. 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.
2. Equipment with a calibration date of "N/A" shown in this list was not used to make direct calibrated measurements.

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6.0 SAMPLE EMISSION DESIGNATORS

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

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7.0 TEST RESULTS

7.1 Summary

Company Name: Samsung Electronics Co., Ltd.
 FCC ID: A3LSMA185G
 FCC Classification: PCS Licensed Transmitter Held to Ear (PCE)
 Mode(s): WCDMA/LTE

Test Condition	Test Description	FCC Part Section(s)	Test Limit	Test Result	Reference
CONDUCTED	Transmitter Conducted Output Power*	2.1046(a), 2.1046(c)	N/A	PASS	Section 7.2
	Occupied Bandwidth	2.1049(h)	N/A	PASS	Section 7.3
	Conducted Band Edge / Spurious Emissions (LTE Band 13)	2.1051, 27.53(c), 27.53(f)	Undesirable emissions must meet the limits detailed in sections 27.53(c) and 27.53(f)	PASS	Sections 7.4, 7.5
	Conducted Band Edge / Spurious Emissions (LTE Band 12, 17)	2.1051, 27.53(g)	$\geq 43 + 10 \log (P[\text{Watts}])$ dB of attenuation below transmitter power	PASS	Sections 7.4, 7.5
	Conducted Band Edge / Spurious Emissions (WCDMA AWS; LTE Band 4, 66)	2.1051, 27.53(h)	$\geq 43 + 10 \log (P[\text{Watts}])$ dB of attenuation below transmitter power	PASS	Sections 7.4, 7.5
	Peak-to-Average Ratio (WCDMA AWS; LTE Band 4, 66)	27.50(d)(5)	≤ 13 dB	PASS	Section 7.6
	Frequency Stability	2.1055, 27.54	Fundamental emissions stay within authorized frequency block	PASS	Section 7.9
RADIATED	Effective Radiated Power (LTE Band 13)	27.50(b)(10)	≤ 3 Watts max. ERP	PASS	Section 7.7
	Effective Radiated Power (LTE Band 12, 17)	27.50(c)(10)	≤ 3 Watts max. ERP	PASS	Section 7.7
	Equivalent Isotropic Radiated Power (WCDMA AWS; LTE Band 4, 66)	27.50(d)(4)	≤ 1 Watt max. EIRP	PASS	Section 7.7
	Radiated Spurious Emissions (LTE Band 13)	2.1053, 27.53(c), 27.53(f)	Undesirable emissions must meet the limits detailed in sections 27.53(c) and 27.53(f)	PASS	Section 7.8
	Radiated Spurious Emissions (LTE Band 12, 17)	2.1053, 27.53(g)	$\geq 43 + 10 \log (P[\text{Watts}])$ dB of attenuation below transmitter power	PASS	Section 7.8
	Radiated Spurious Emissions (WCDMA AWS; LTE Band 4, 66)	2.1053, 27.53(h)(1)	$\geq 43 + 10 \log (P[\text{Watts}])$ dB of attenuation below transmitter power	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

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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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: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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7.2 Conducted Output Power Data

Test Overview

All emissions are measured with a callbox connected to 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 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.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Modulation	Channel	Frequency [MHz]	Conducted Power [dBm]
WCDMA	1312	1712.4	24.98
	1413	1732.6	24.76
	1513	1752.6	24.87

Table 7-2. Max Conducted Power Test Results – WCDMA AWS – Ant 1

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	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.

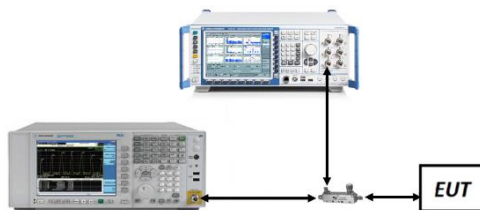


Figure 7-2. Test Instrument & Measurement Setup

Test Notes

None.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Mode	Bandwidth	Modulation	OBW [MHz]
WCDMA1700	N/A	Spread Spectrum	4.19
LTE Band 66/4	20 MHz	QPSK	17.97
		16QAM	17.99
	15 MHz	QPSK	13.49
		16QAM	13.50
	10 MHz	QPSK	9.00
		16QAM	8.98
	5 MHz	QPSK	4.50
		16QAM	4.50
	3 MHz	QPSK	2.70
		16QAM	2.70
	1.4 MHz	QPSK	1.10
		16QAM	1.10

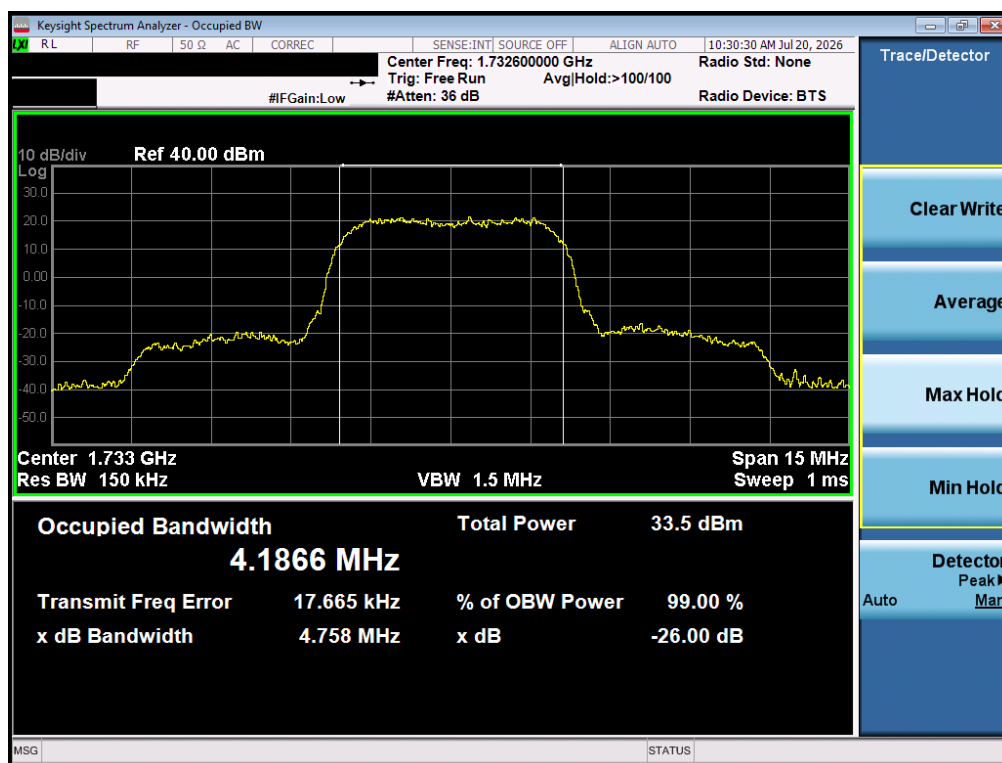
Table 7-3. Occupied Bandwidth Results – Ant 1

Mode	Bandwidth	Modulation	OBW [MHz]
LTE Band 12/17	10 MHz	QPSK	8.96
		16QAM	8.96
	5 MHz	QPSK	4.50
		16QAM	4.51
	3 MHz	QPSK	2.69
		16QAM	2.69
LTE Band 13	10 MHz	QPSK	9.04
		16QAM	8.98
	5 MHz	QPSK	4.51
		16QAM	4.52

Table 7-4. Occupied Bandwidth Results – Ant 1

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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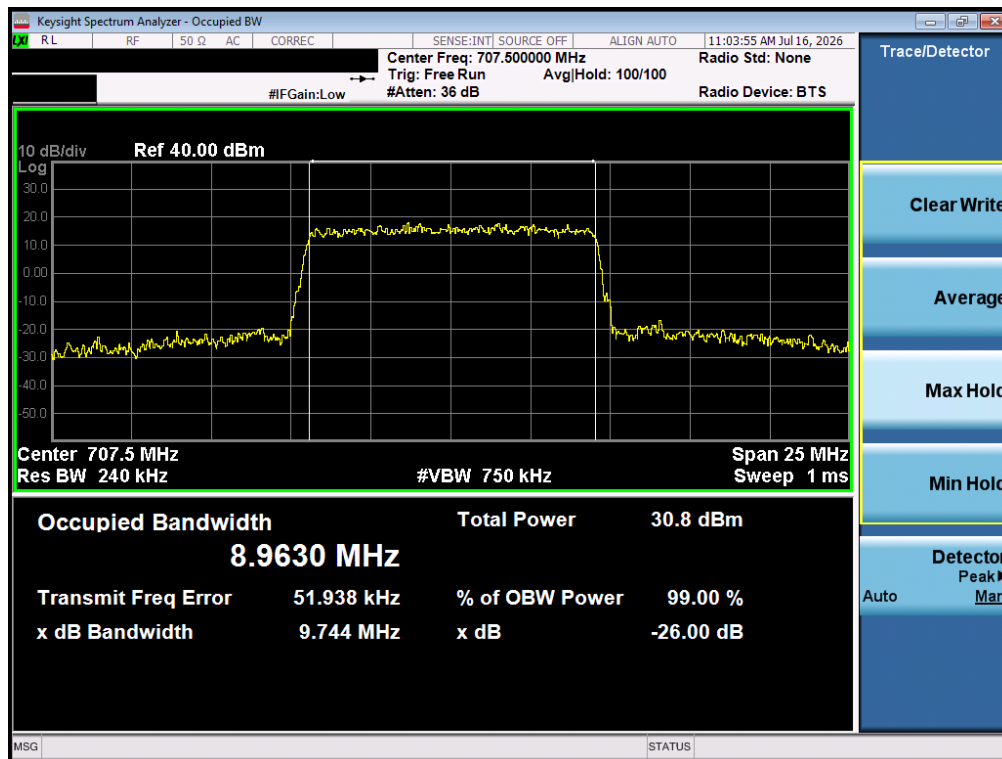
WCDMA AWS



Plot 7-1. Occupied Bandwidth Plot (WCDMA, Ch. 1413)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 12/17

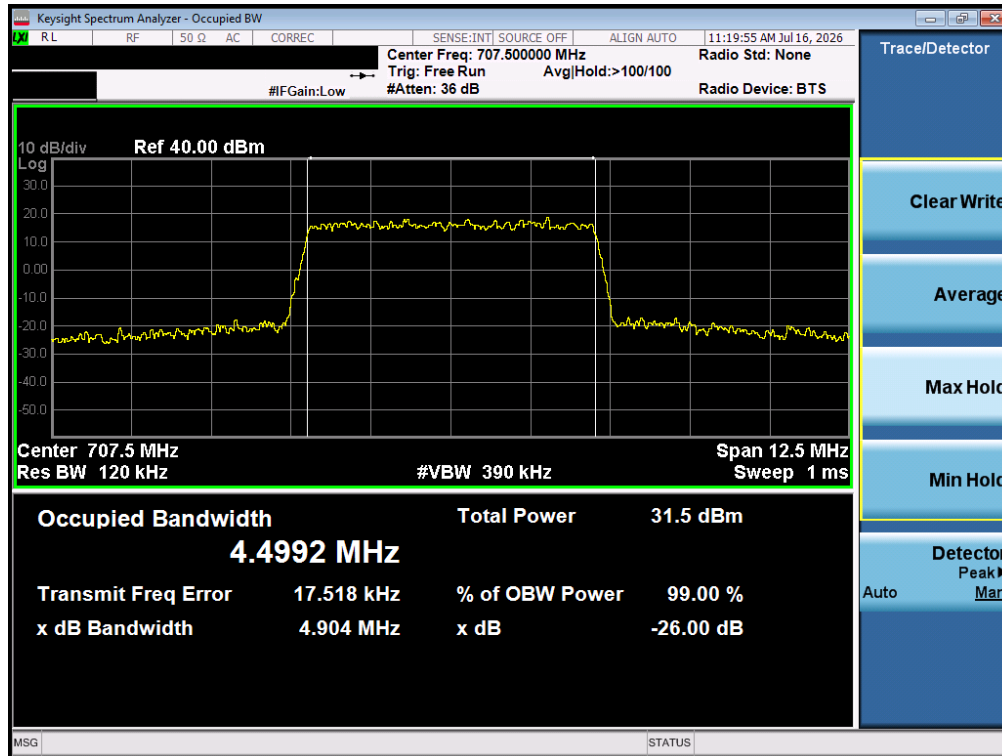


Plot 7-2. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz QPSK - Full RB)

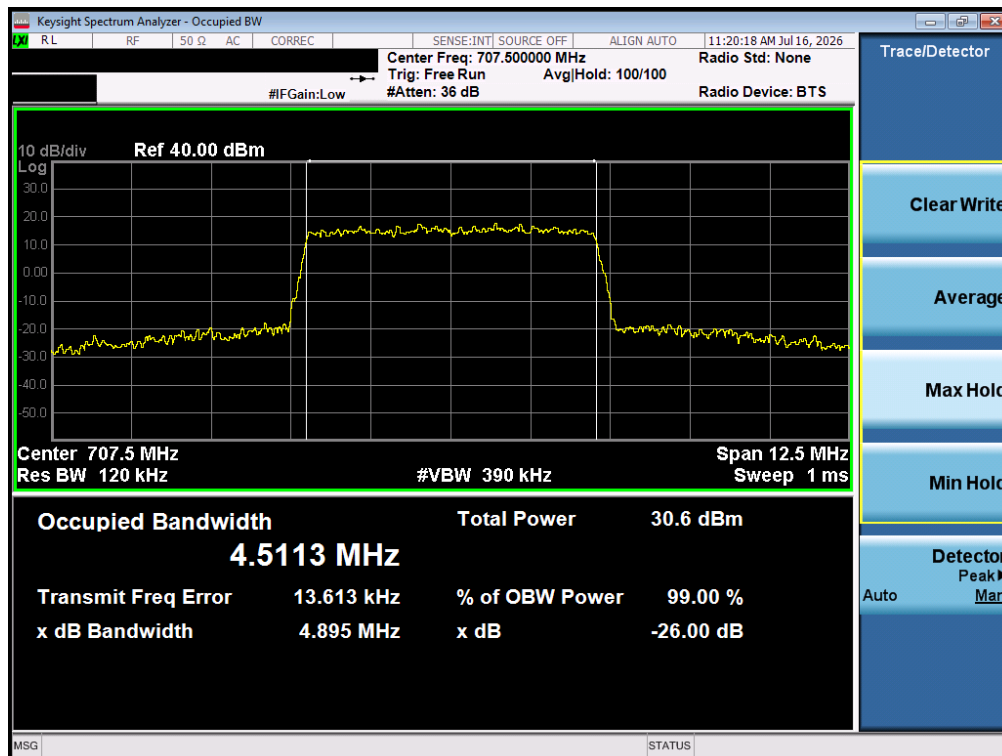


Plot 7-3. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 20 of 83

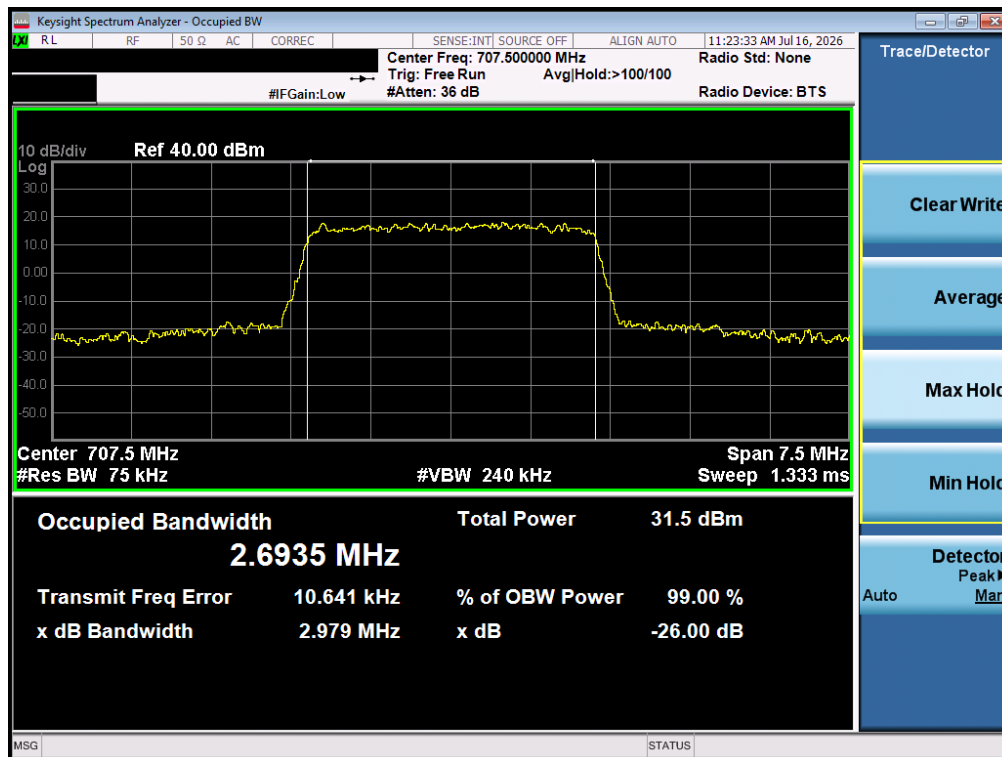


Plot 7-4. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz QPSK - Full RB)

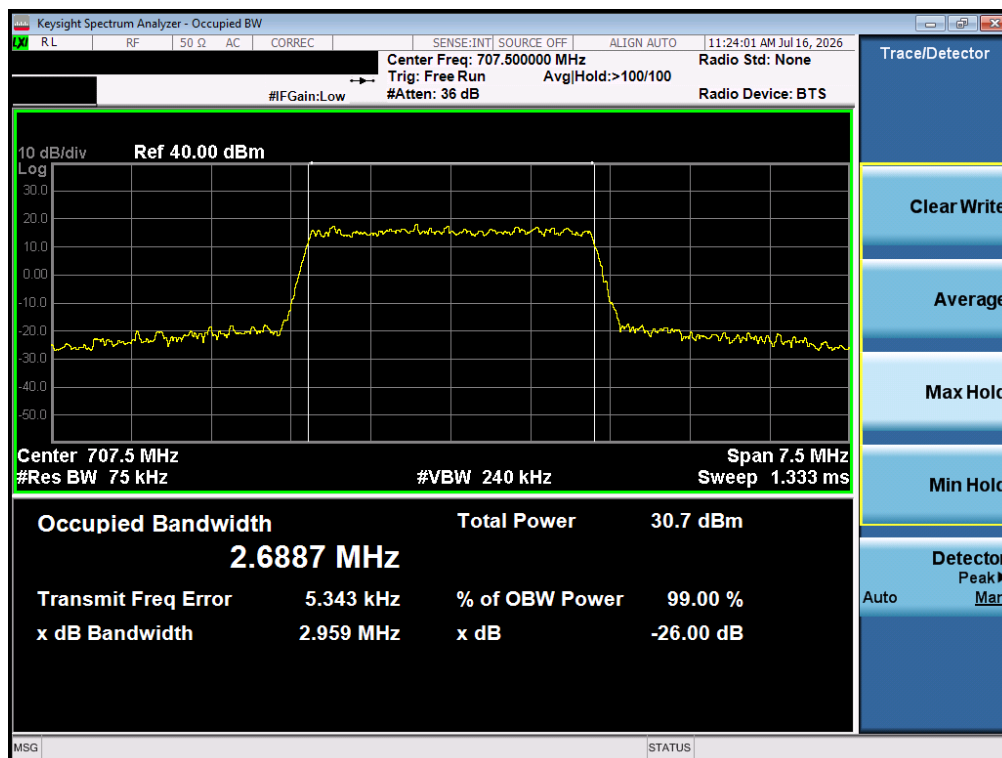


Plot 7-5. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 21 of 83

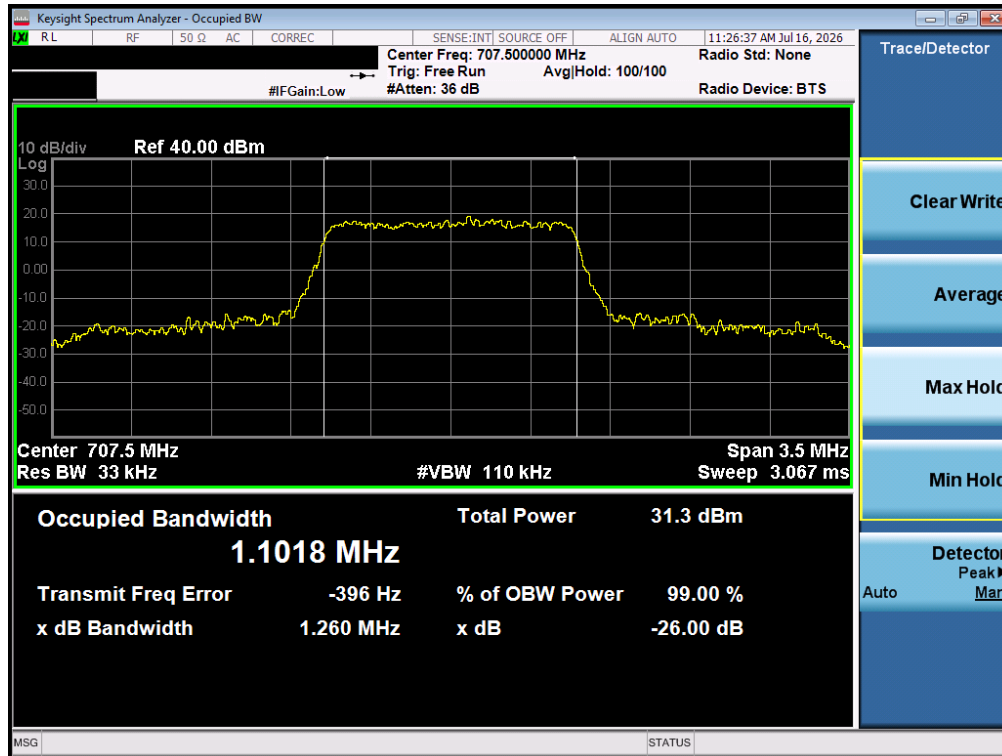


Plot 7-6. Occupied Bandwidth Plot (LTE Band 12/17 - 3MHz QPSK - Full RB)

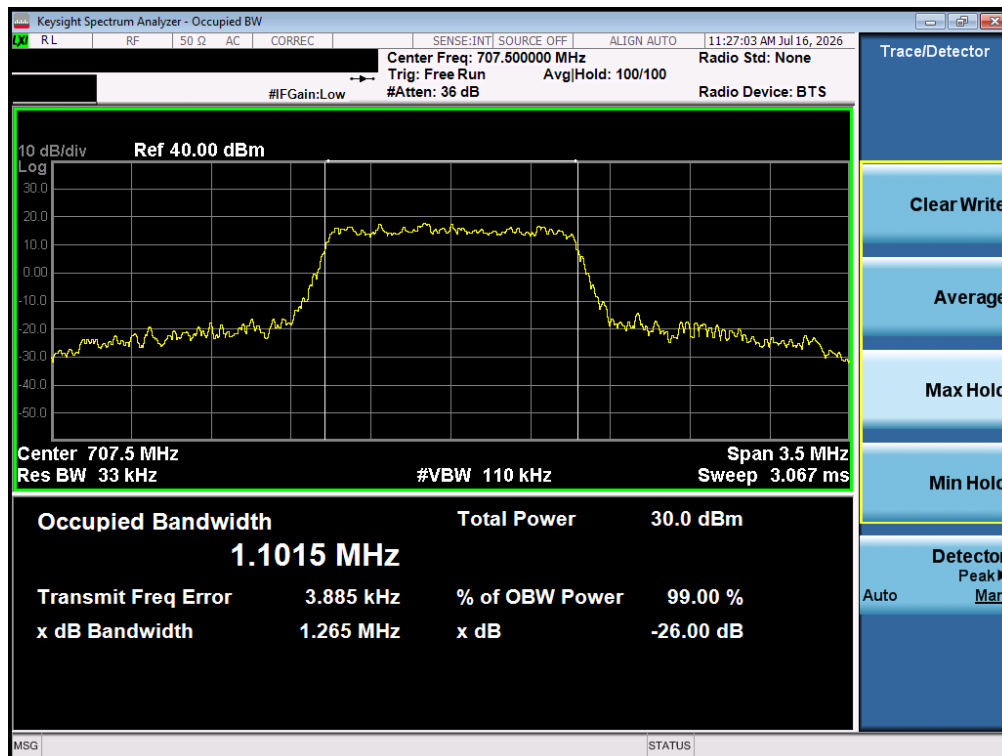


Plot 7-7. Occupied Bandwidth Plot (LTE Band 12/17 - 3MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 22 of 83



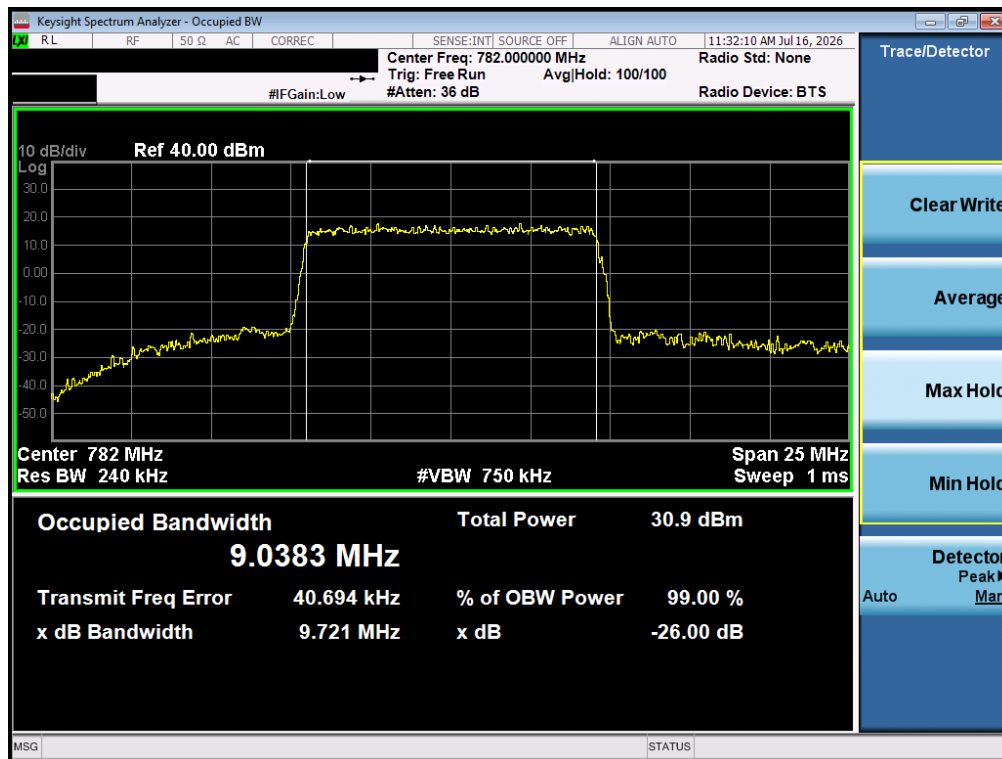
Plot 7-8. Occupied Bandwidth Plot (LTE Band 12/17 – 1.4MHz QPSK - Full RB)



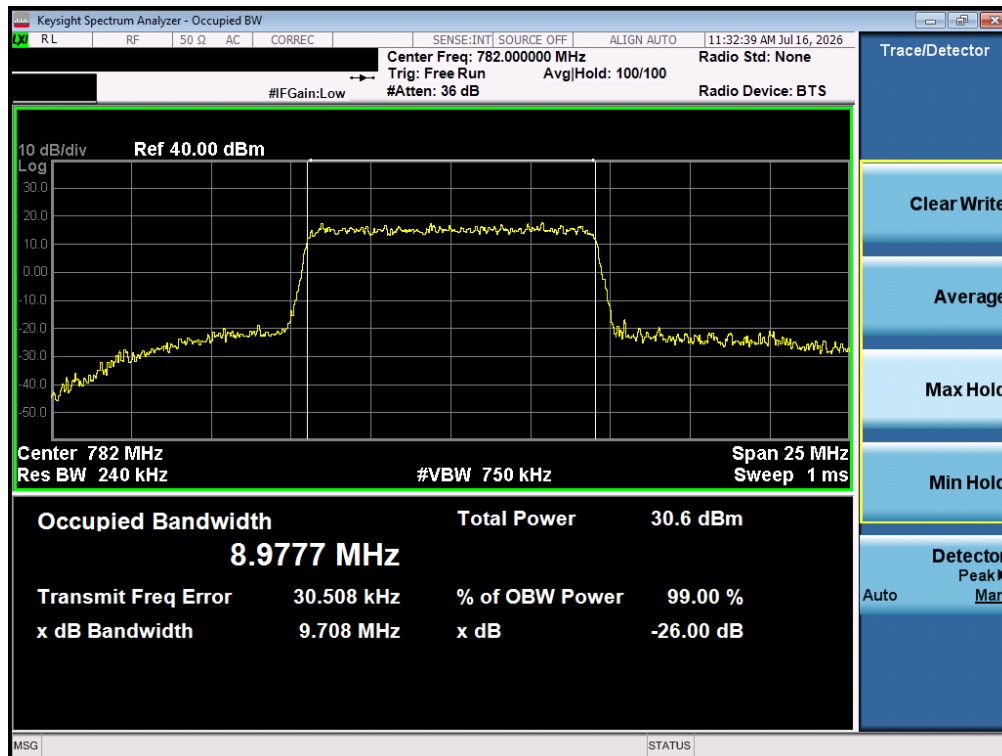
Plot 7-9. Occupied Bandwidth Plot (LTE Band 12/17 – 1.4MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 83

LTE Band 13

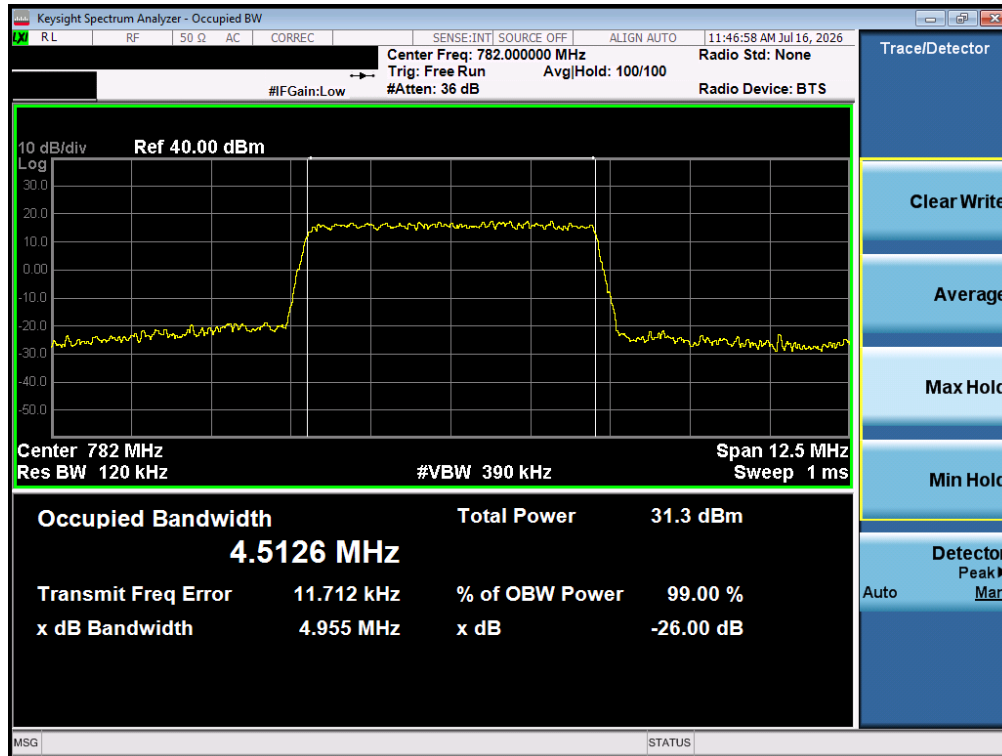


Plot 7-10. Occupied Bandwidth Plot (LTE Band 13 - 10MHz QPSK - Full RB)

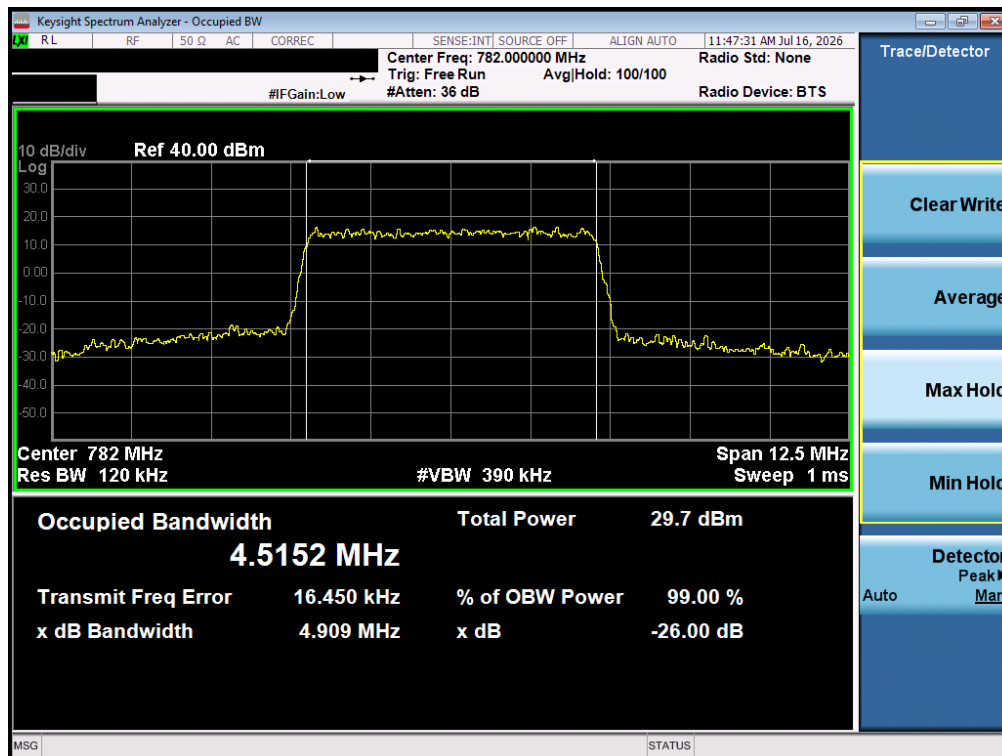


Plot 7-11. Occupied Bandwidth Plot (LTE Band 13 - 10MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 83



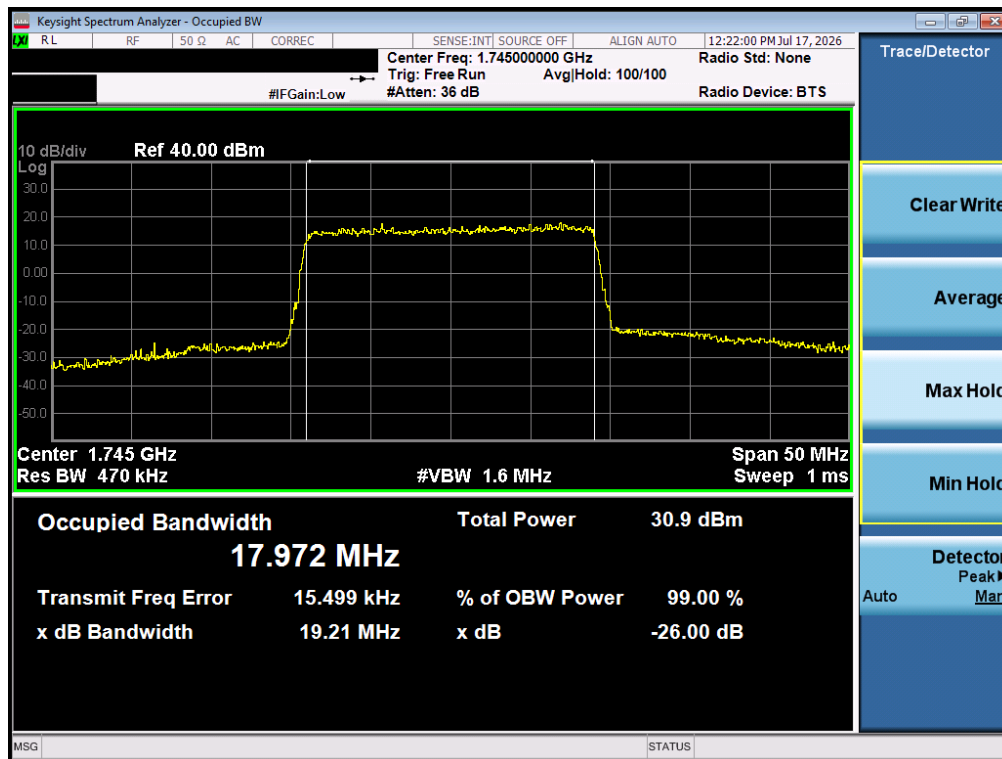
Plot 7-12. Occupied Bandwidth Plot (LTE Band 13 - 5MHz QPSK - Full RB)



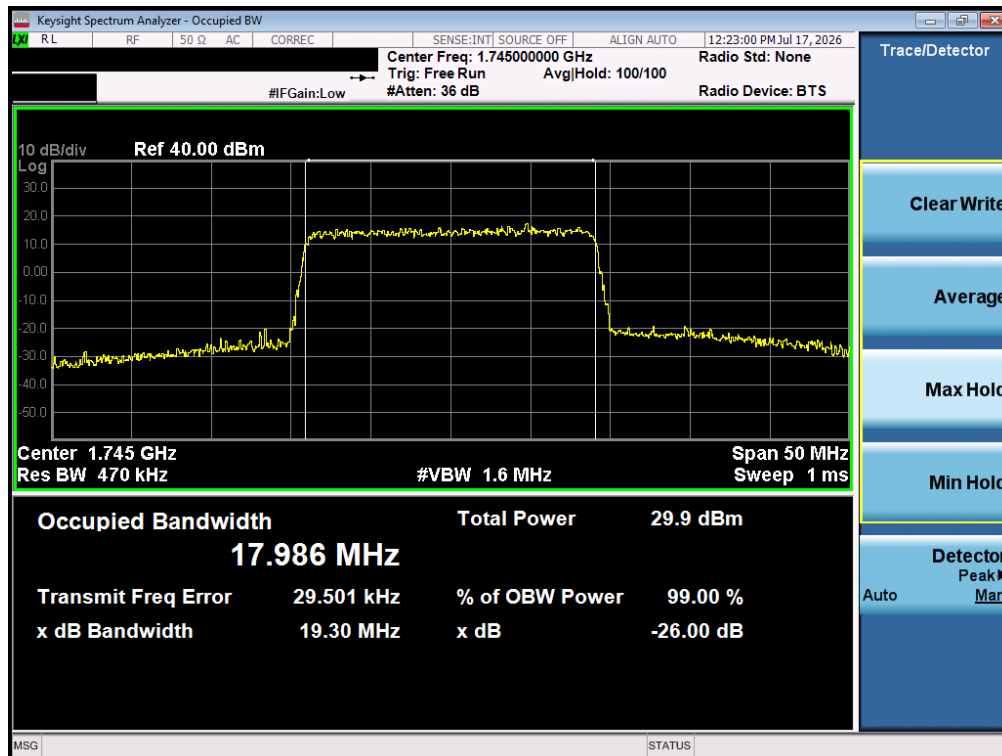
Plot 7-13. Occupied Bandwidth Plot (LTE Band 13 - 5MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 25 of 83

LTE Band 66/4

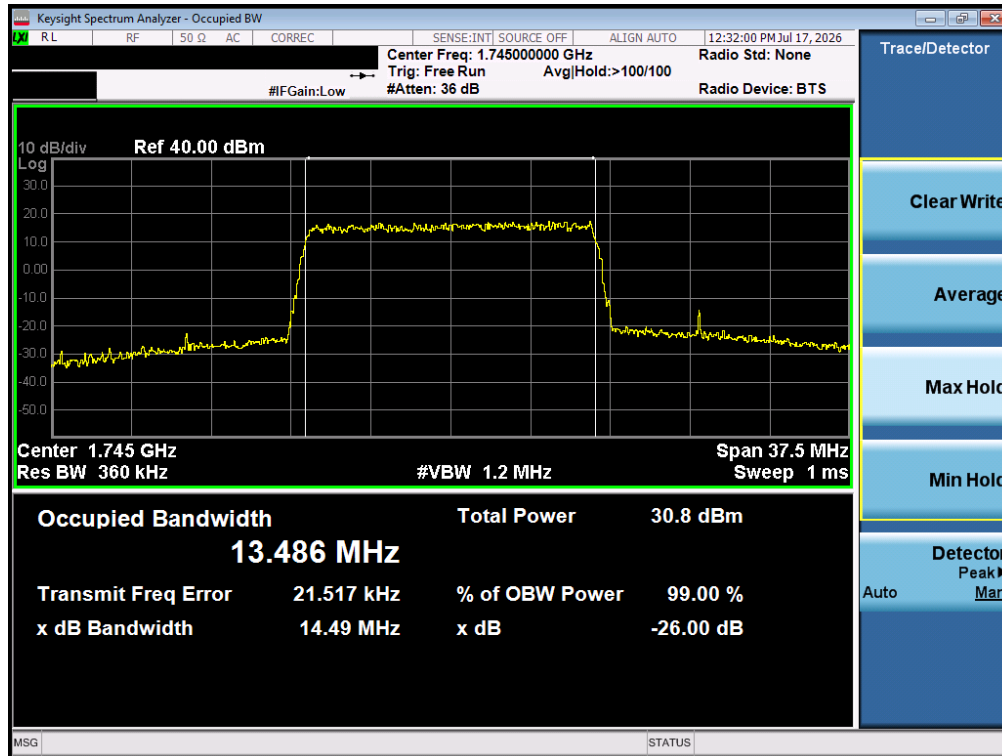


Plot 7-14. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz QPSK - Full RB)

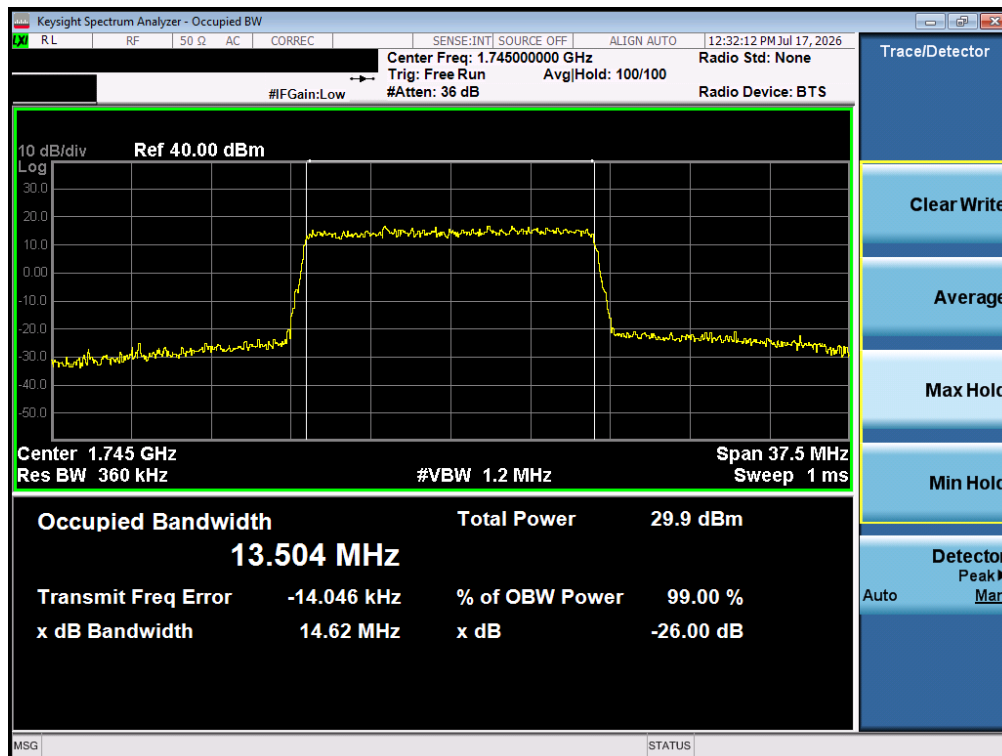


Plot 7-15. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 26 of 83

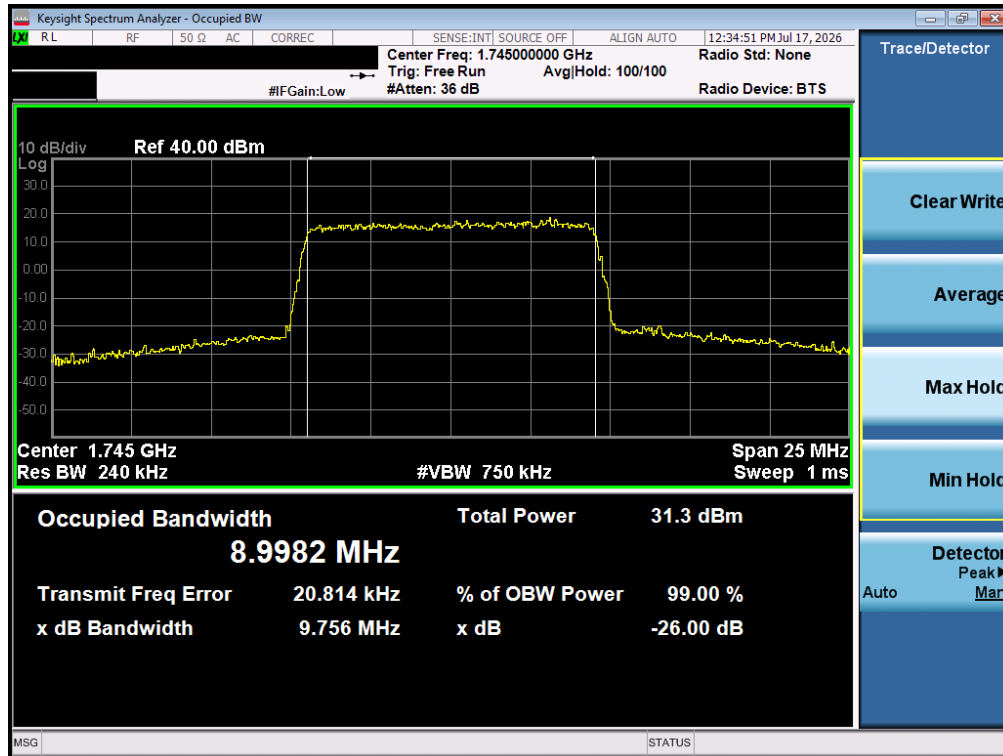


Plot 7-16. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz QPSK - Full RB)

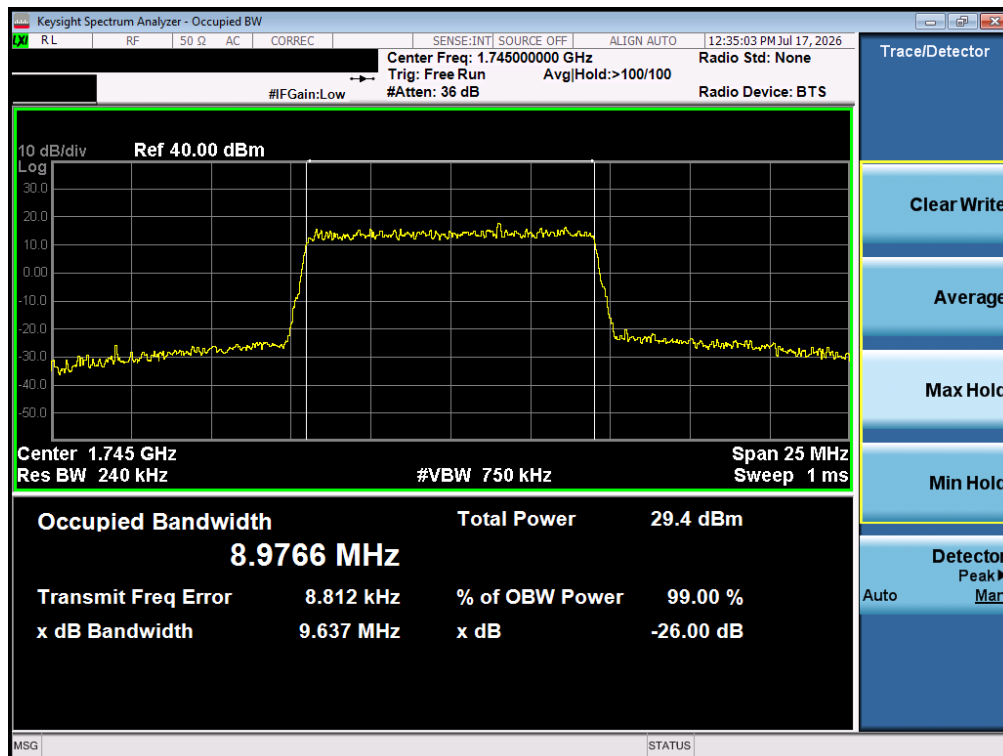


Plot 7-17. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 27 of 83

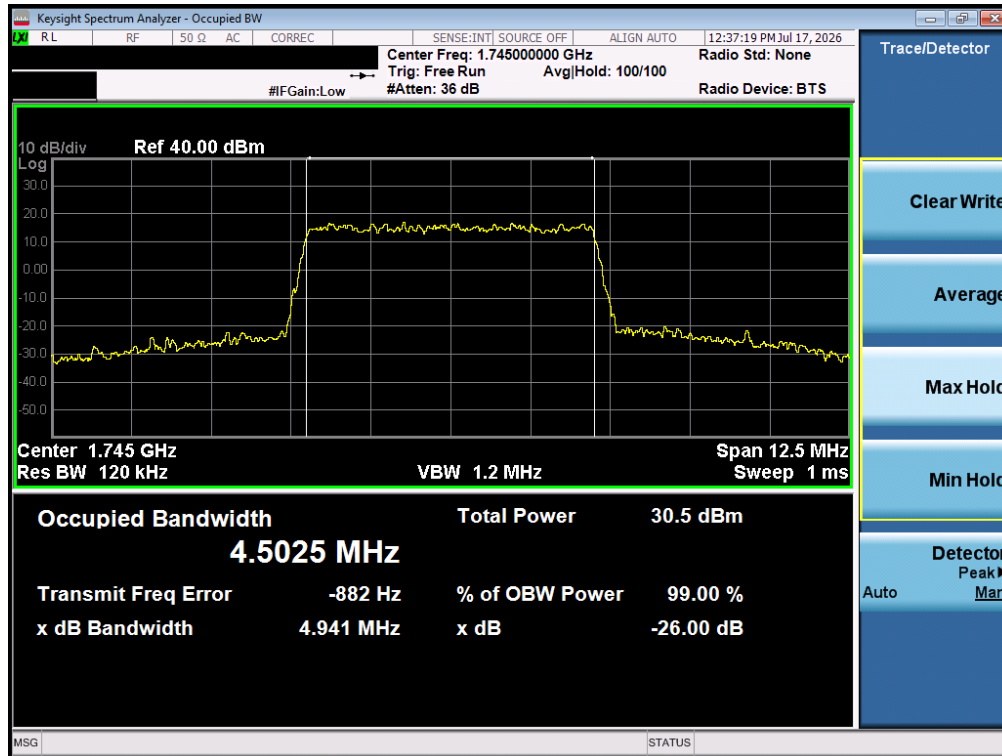


Plot 7-18. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz QPSK - Full RB)

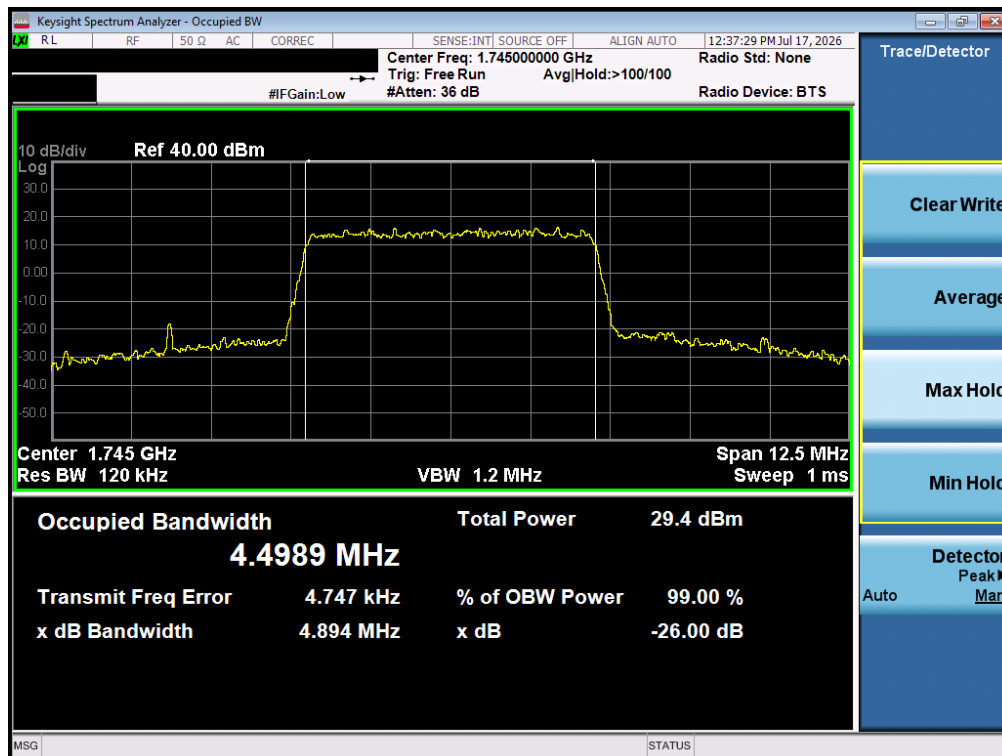


Plot 7-19. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 28 of 83

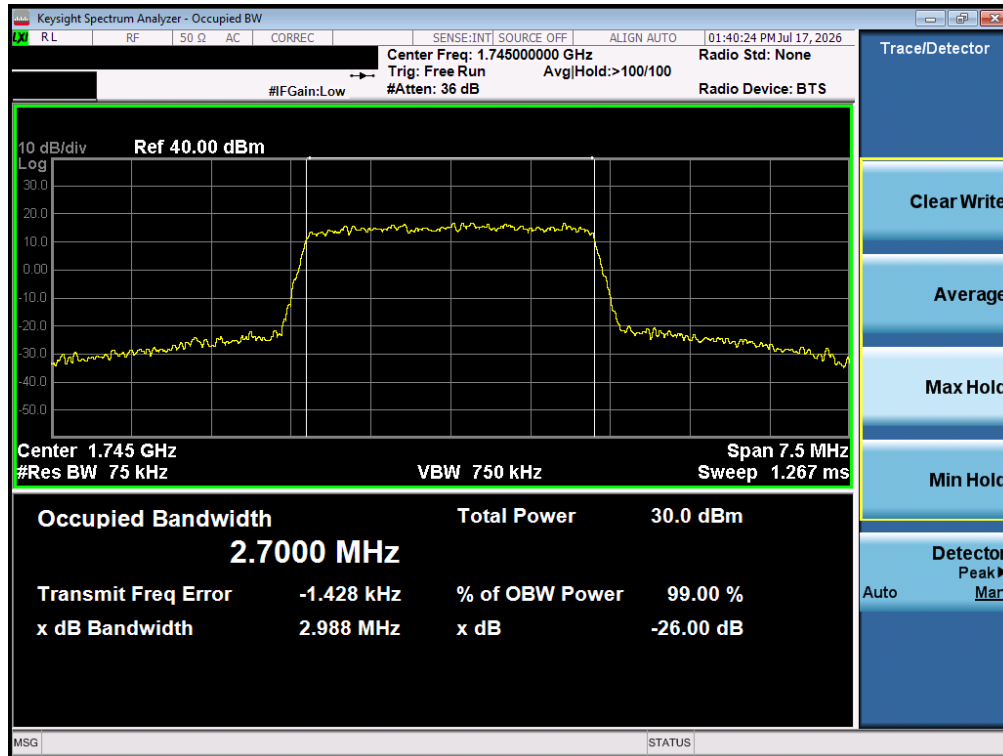


Plot 7-20. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz QPSK - Full RB)

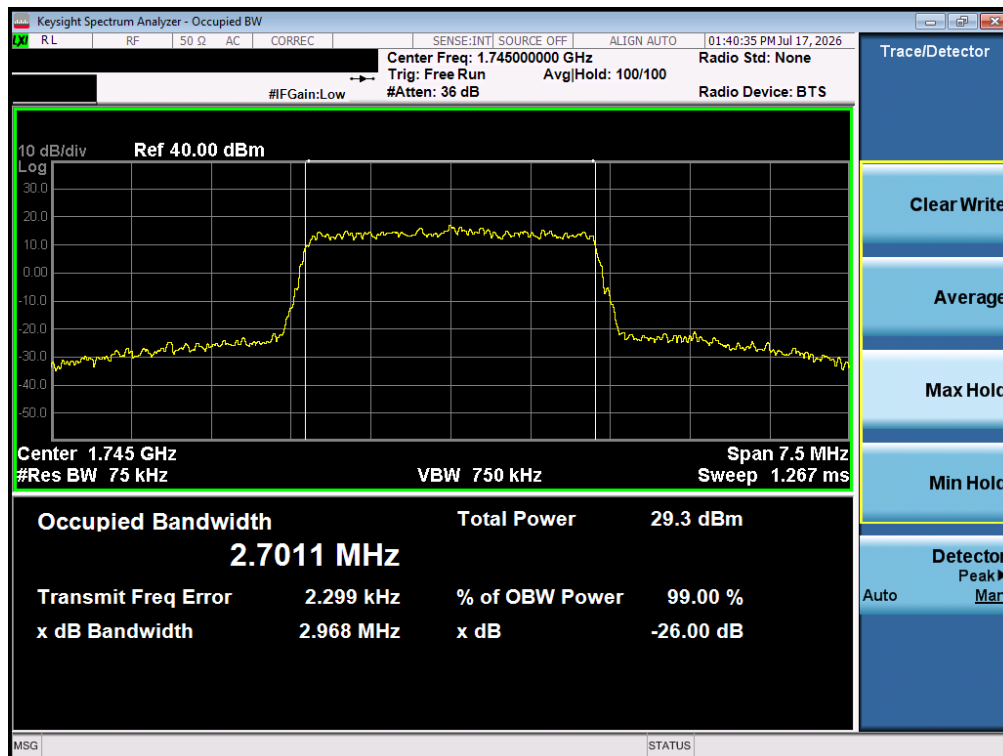


Plot 7-21. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 29 of 83

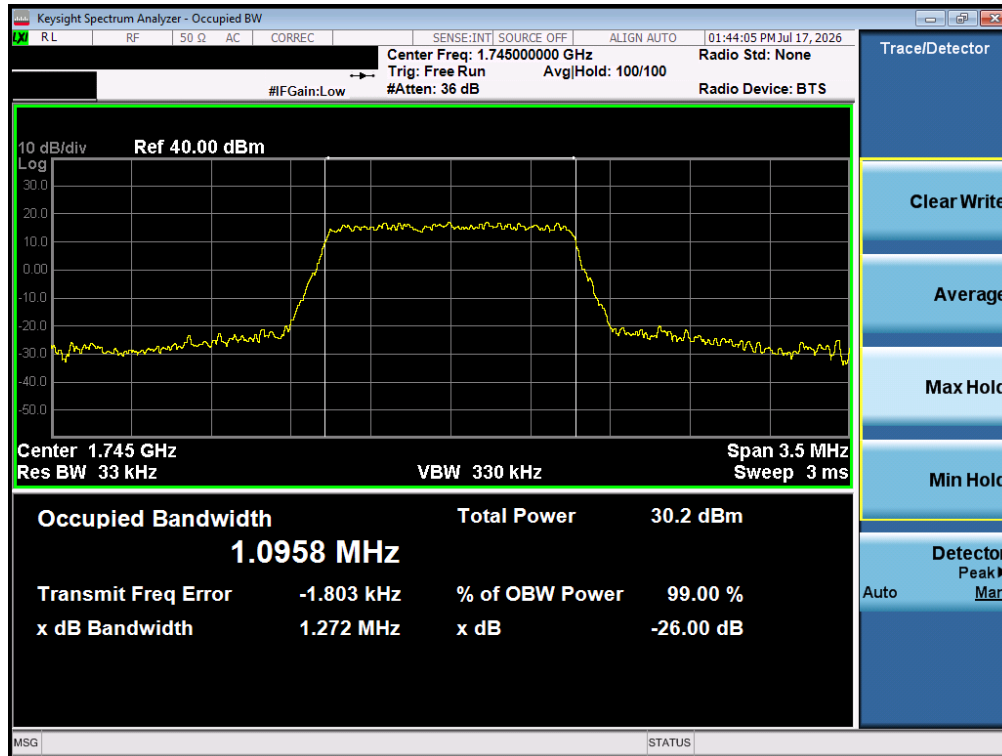


Plot 7-22. Occupied Bandwidth Plot (LTE Band 66/4 - 3MHz QPSK - Full RB)

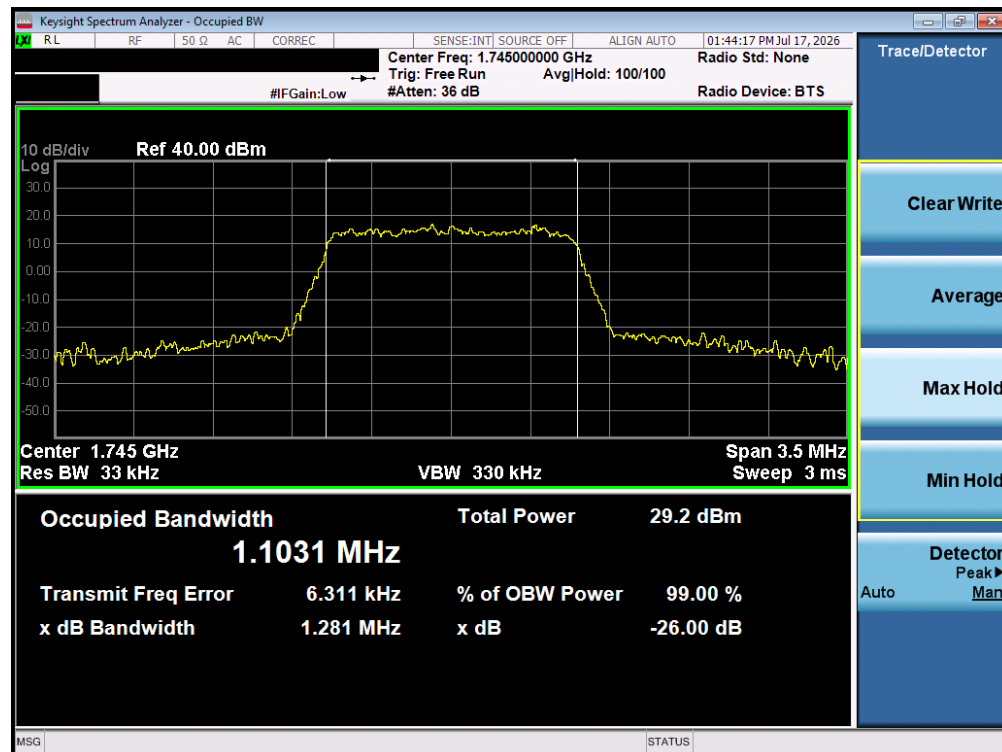


Plot 7-23. Occupied Bandwidth Plot (LTE Band 66/4 - 3MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 30 of 83



Plot 7-24. Occupied Bandwidth Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB)



Plot 7-25. Occupied Bandwidth Plot (LTE Band 66/4 - 1.4MHz 16-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 31 of 83

7.4 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating 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.

The minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{[Watts]})$, where P is the transmitter power in Watts.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.4

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 18GHz (separated into at least two plots per channel)
2. RBW $\geq$ 100kHz
3. VBW $\geq$ 3 x RBW
4. Detector = RMS
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

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

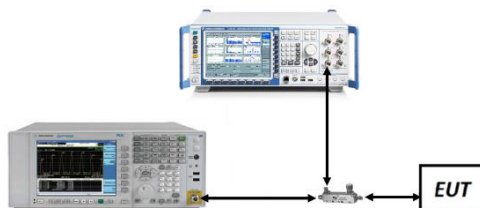


Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. Per Part 27, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 100 kHz or greater for measurements below 1GHz.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Mode	Bandwidth	Channel	Range [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]
WCDMA1700	N/A	Low	30.0 - 1705.0	-40.81	-13	-27.81
		Low	1755.0 - 10000.0	-45.95	-13	-32.95
		Low	10000.0 - 20000.0	-59.05	-13	-46.05
		Mid	30.0 - 1710.0	-48.90	-13	-35.90
		Mid	1755.0 - 10000.0	-45.74	-13	-32.74
		Mid	10000.0 - 20000.0	-58.89	-13	-45.89
		High	30.0 - 1710.0	-49.10	-13	-36.10
		High	1760.0 - 10000.0	-34.53	-13	-21.53
		High	10000.0 - 20000.0	-58.94	-13	-45.94
LTE-B66-4	20 MHz	Low	30.0 - 1709.0	-41.78	-13	-28.78
		Low	1780.0 - 10000.0	-40.45	-13	-27.45
		Low	10000.0 - 20000.0	-63.66	-13	-50.66
		Mid	30.0 - 1710.0	-53.33	-13	-40.33
		Mid	1780.0 - 10000.0	-40.16	-13	-27.16
		Mid	10000.0 - 20000.0	-63.72	-13	-50.72
		High	30.0 - 1710.0	-53.27	-13	-40.27
		High	1781.0 - 10000.0	-39.09	-13	-26.09
		High	10000.0 - 20000.0	-63.84	-13	-50.84
LTE Band 12	10 MHz	Low	30.0 - 697.9	-51.53	-13	-38.53
		Low	716.0 - 1000.0	-55.20	-13	-42.20
		Low	1000.0 - 10000.0	-39.23	-13	-26.23
		Mid	30.0 - 698.0	-46.81	-13	-33.81
		Mid	716.0 - 1000.0	-45.83	-13	-32.83
		Mid	1000.0 - 10000.0	-39.26	-13	-26.26
		High	30.0 - 697.9	-54.72	-13	-41.72
		High	716.1 - 1000.0	-46.77	-13	-33.77
		High	1000.0 - 10000.0	-39.60	-13	-26.60
LTE Band 13	10 MHz	Mid	30.0 - 777.0	-51.11	-35	-16.11
		Mid	787.0 - 1000.0	-49.57	-13	-36.57
		Mid	1000.0 - 20000.0	-44.96	-13	-31.96

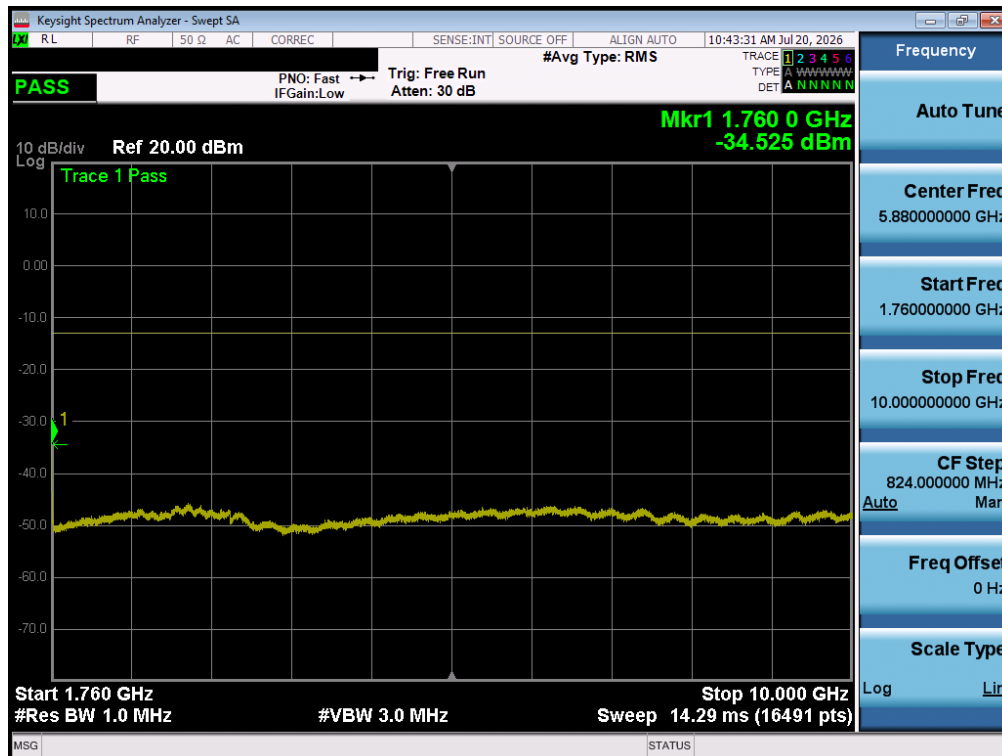
Table 7-5. Conducted Spurious Emissions Results

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 33 of 83

WCDMA-AWS

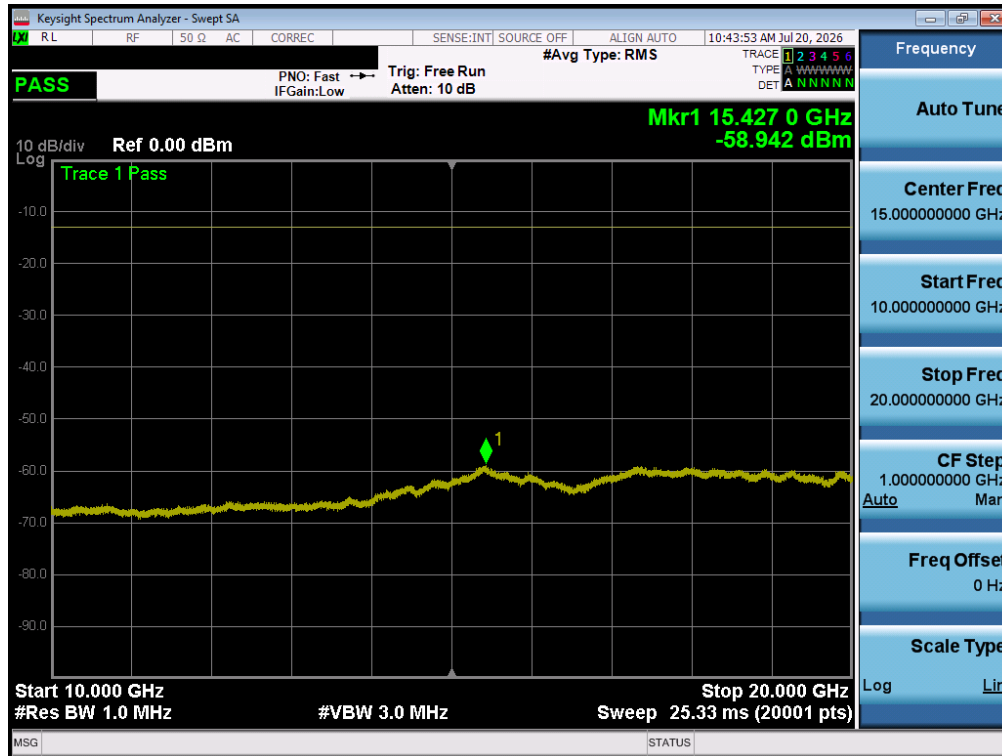


Plot 7-26. Conducted Spurious Plot (WCDMA-AWS - 5MHz QPSK - High Channel)



Plot 7-27. Conducted Spurious Plot (WCDMA-AWS - 5MHz QPSK - High Channel)

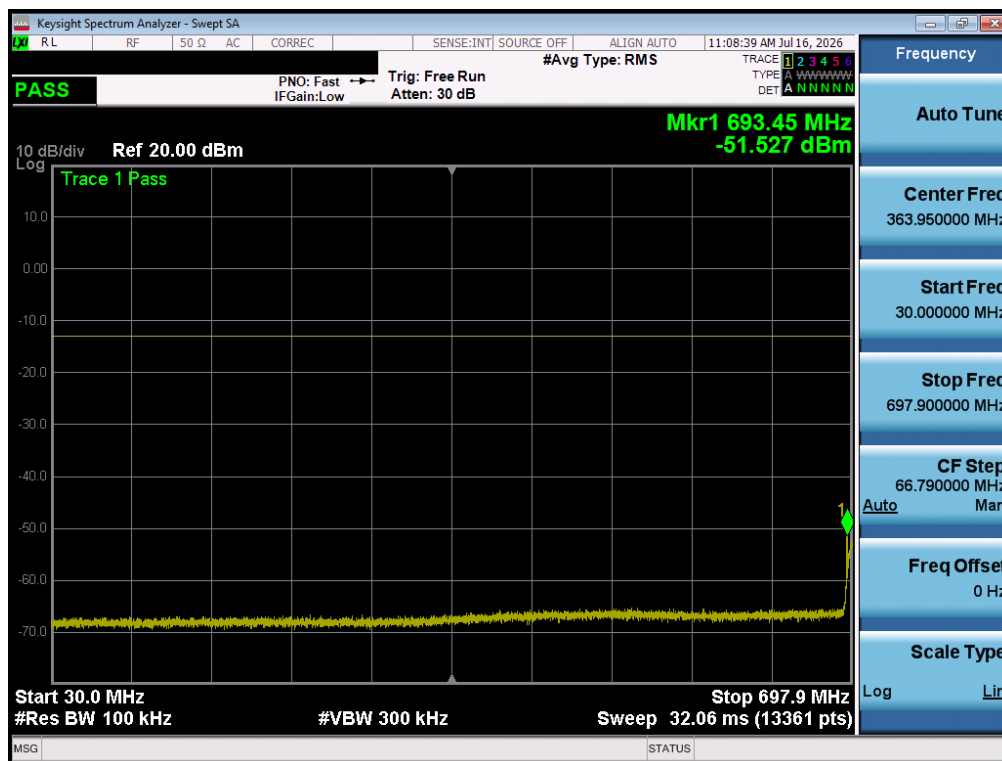
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 34 of 83



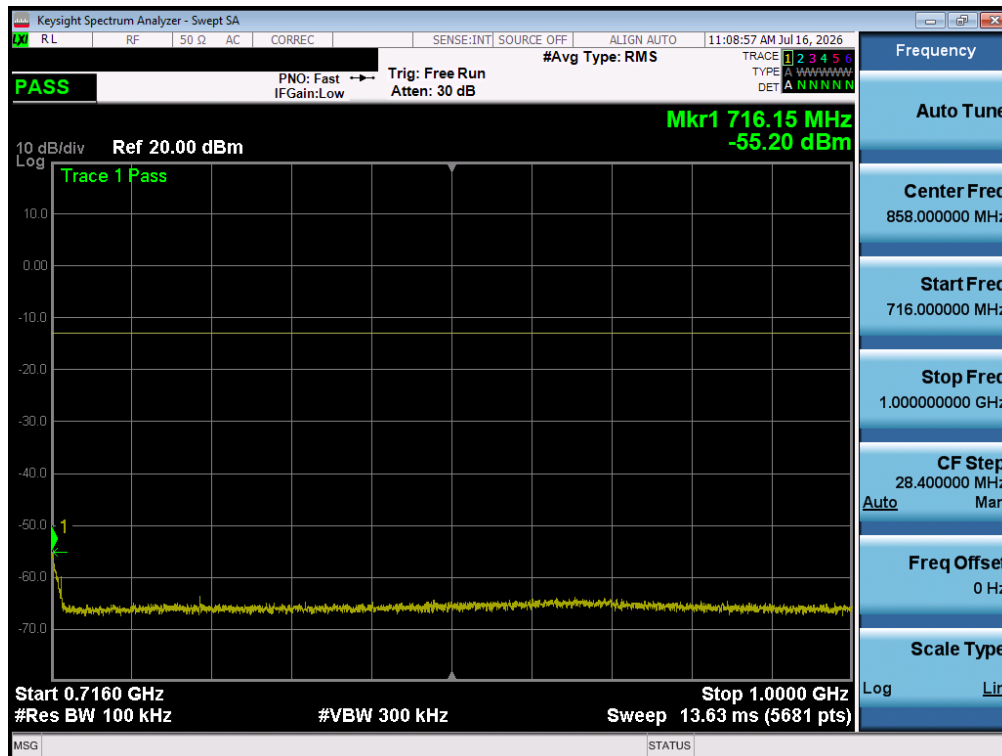
Plot 7-28. Conducted Spurious Plot (WCDMA-AWS - 5MHz QPSK – High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 35 of 83

LTE Band 12/17

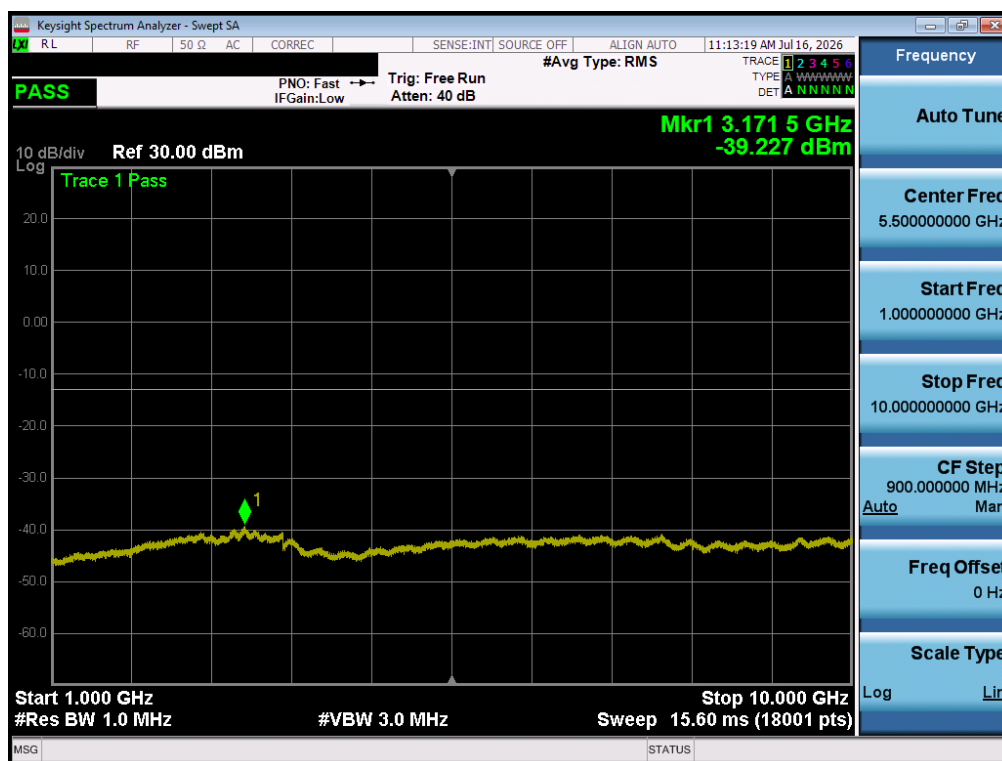


Plot 7-29. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - 1 RB - Low Channel)



Plot 7-30. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - 1 RB - Low Channel)

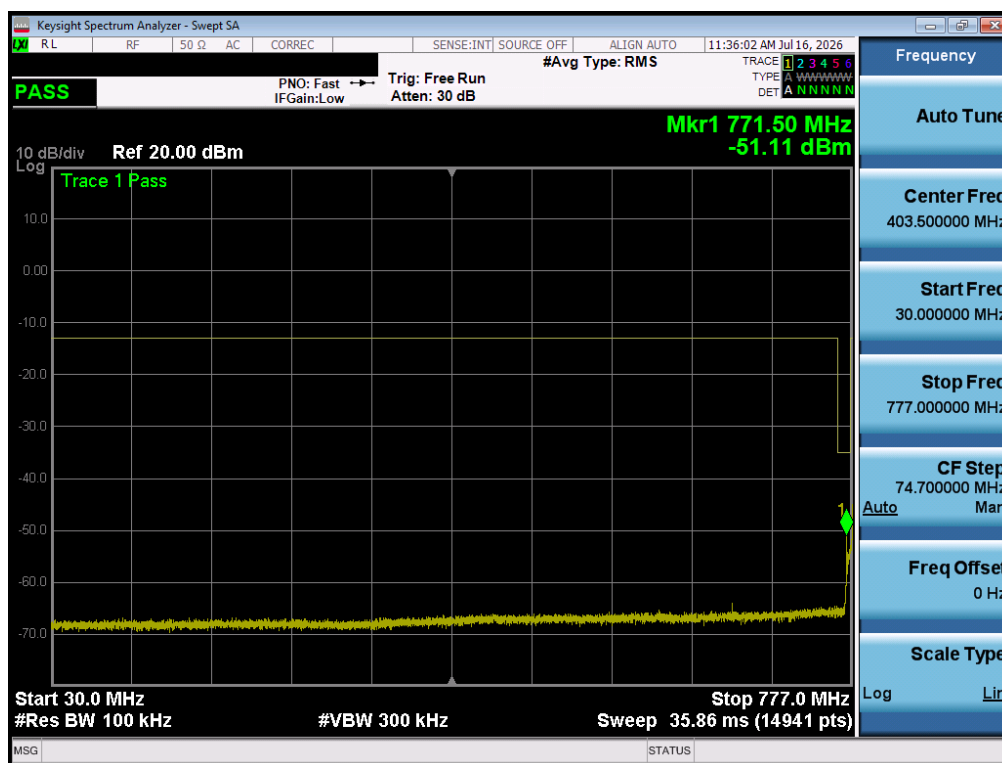
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 36 of 83



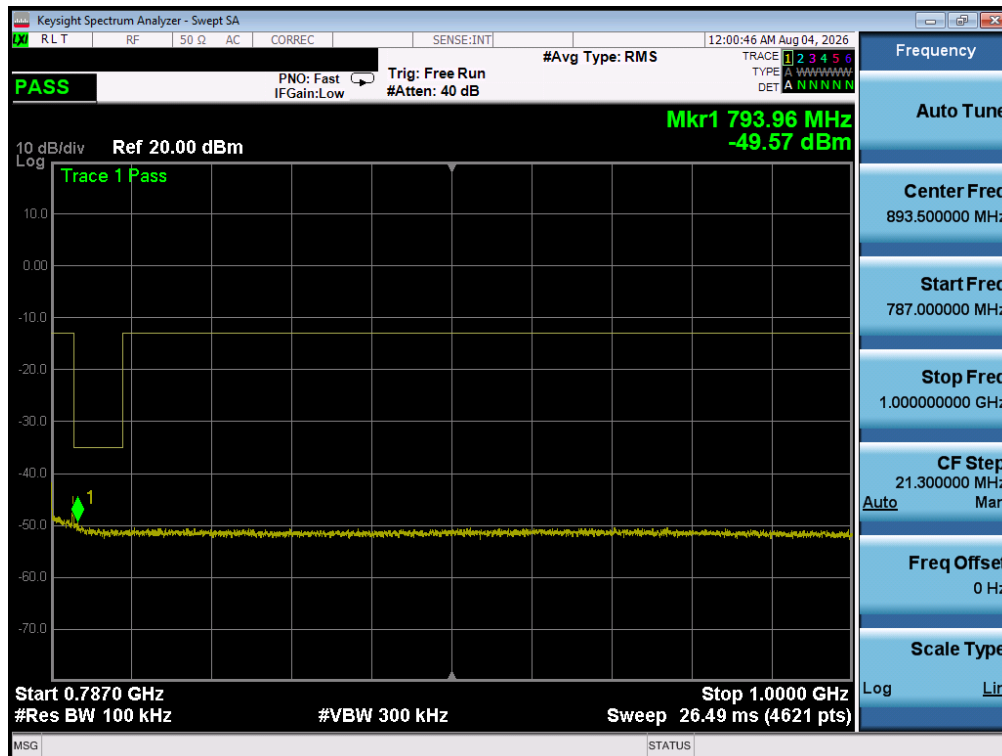
Plot 7-31. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - 1 RB - Low Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 37 of 83

LTE Band 13

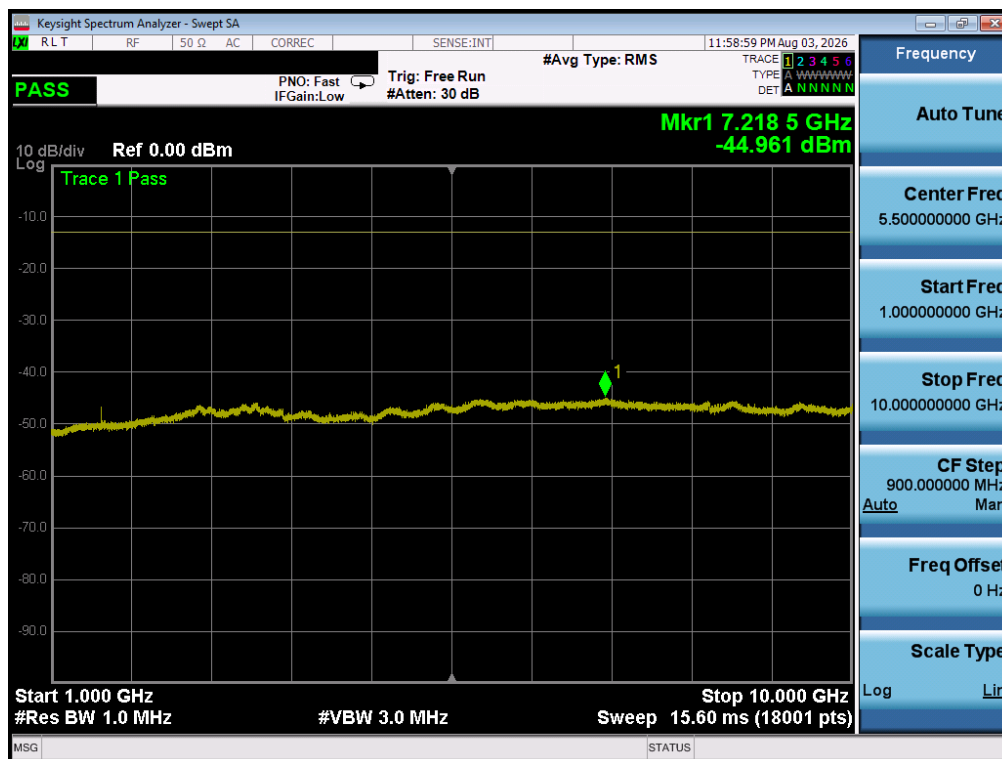


Plot 7-32. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)



Plot 7-33. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

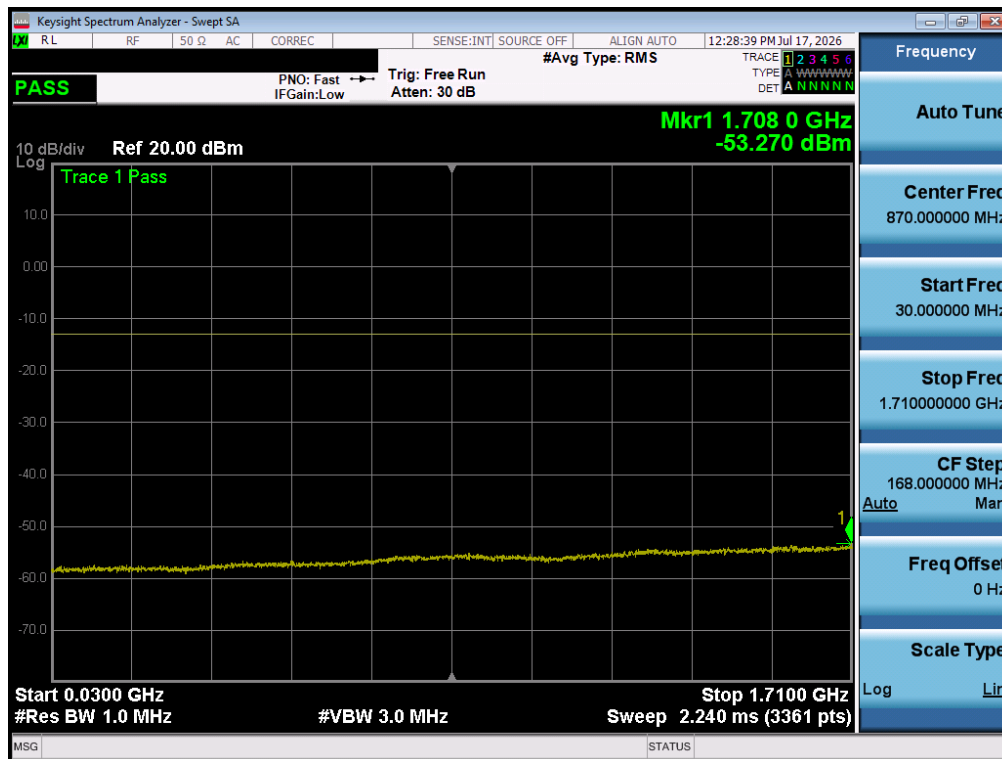
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 38 of 83



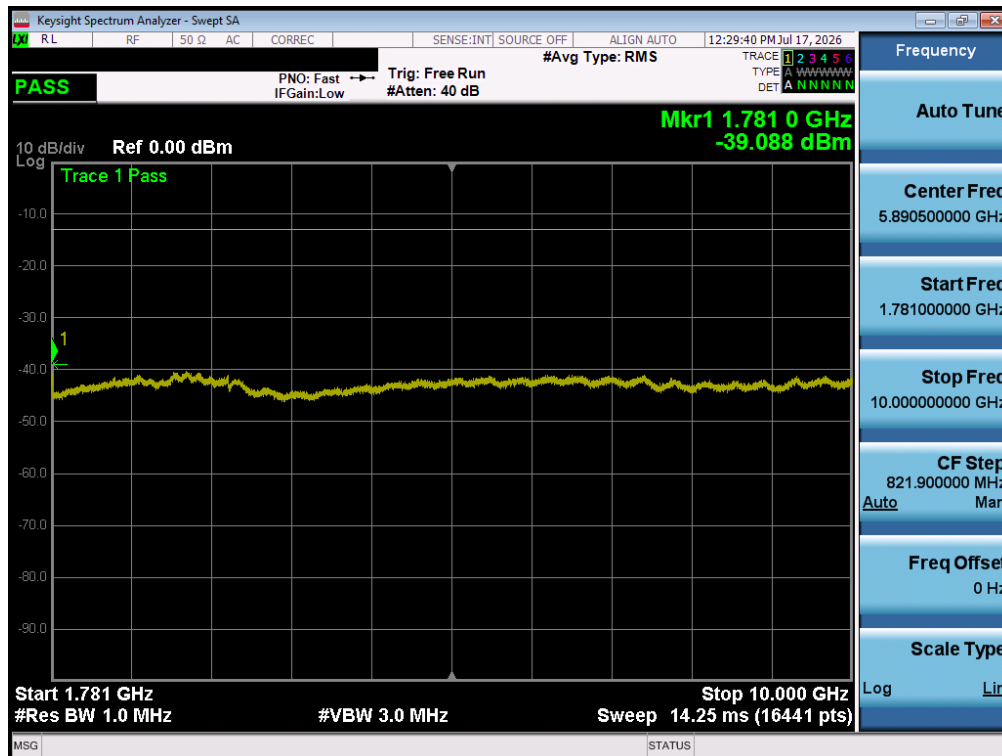
Plot 7-34. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 39 of 83

LTE Band 66/4

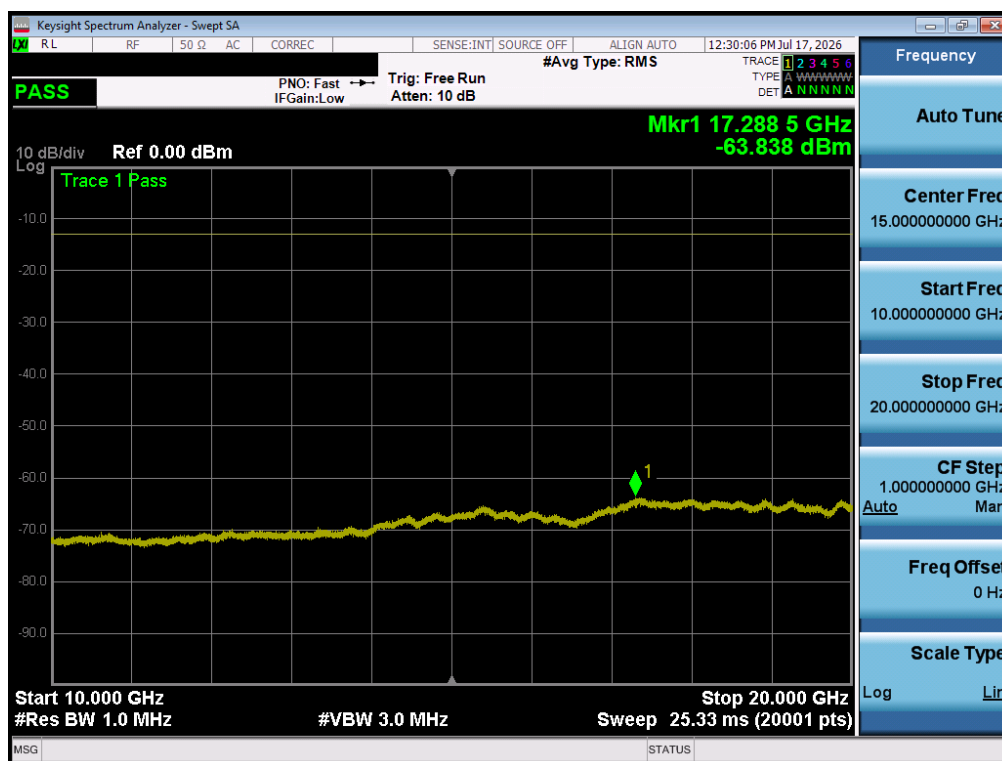


Plot 7-35. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB - High Channel)



Plot 7-36. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB - High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 40 of 83



Plot 7-37. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB – High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 41 of 83

7.5 Band Edge Emissions at Antenna Terminal

Test Overview

All out of band 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.

The minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{\text{Watts}})$, where P is the transmitter power in Watts.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.3

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW $\geq 1\%$ of the emission bandwidth
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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

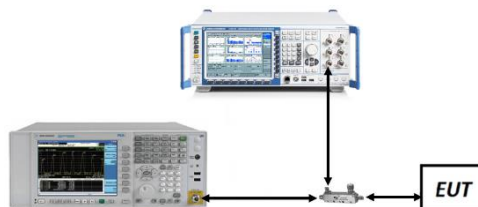


Figure 7-4. Test Instrument & Measurement Setup

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 42 of 83

Test Notes

1. Per 27.53(h) for AWS band operation, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to demonstrate compliance with the out-of-band emissions limit. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. Per 27.53(g) for operations in the 663 - 698 MHz and 698 – 746MHz bands, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
3. Per 27.53(c)(5) for operations in the 776-788 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
4. For all plots showing emissions in the 763 – 775MHz and 793 – 805MHz band, the FCC limit per 27.53(c)(4) is $65 + 10 \log_{10}(P) = -35\text{dBm}$ in a 6.25kHz bandwidth.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 43 of 83

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
WCDMA1700	N/A	Low	Band Edge	-23.95	-13	-10.95
		Low	Extended	-25.60	-13	-12.60
		High	Band Edge	-22.99	-13	-9.99
		High	Extended	-16.96	-13	-3.96
LTE Band 66/4	20MHz	Low	Band Edge	-30.68	-13	-17.68
		Low	Extended	-27.97	-13	-14.97
		High (B4)	Band Edge	-25.82	-13	-12.82
		High (B4)	Extended	-23.03	-13	-10.03
		High (B66)	Band Edge	-30.49	-13	-17.49
		High (B66)	Extended	-27.68	-13	-14.68
	15MHz	Low	Band Edge	-30.86	-13	-17.86
		Low	Extended	-27.45	-13	-14.45
		High (B4)	Band Edge	-25.79	-13	-12.79
		High (B4)	Extended	-21.77	-13	-8.77
		High (B66)	Band Edge	-30.02	-13	-17.02
		High (B66)	Extended	-26.84	-13	-13.84
	10MHz	Low	Band Edge	-30.99	-13	-17.99
		Low	Extended	-24.69	-13	-11.69
		High (B4)	Band Edge	-27.10	-13	-14.10
		High (B4)	Extended	-20.59	-13	-7.59
		High (B66)	Band Edge	-30.15	-13	-17.15
		High (B66)	Extended	-23.22	-13	-10.22
	5MHz	Low	Band Edge	-27.61	-13	-14.61
		Low	Extended	-27.04	-13	-14.04
		High (B4)	Band Edge	-26.11	-13	-13.11
		High (B4)	Extended	-22.55	-13	-9.55
		High (B66)	Band Edge	-26.87	-13	-13.87
		High (B66)	Extended	-23.76	-13	-10.76
	3MHz	Low	Band Edge	-26.05	-13	-13.05
		Low	Extended	-26.37	-13	-13.37
		High (B4)	Band Edge	-23.85	-13	-10.85
		High (B4)	Extended	-23.23	-13	-10.23
		High (B66)	Band Edge	-22.18	-13	-9.18
		High (B66)	Extended	-25.22	-13	-12.22
	1.4MHz	Low	Band Edge	-29.50	-13	-16.50
		Low	Extended	-31.88	-13	-18.88
		High (B4)	Band Edge	-28.18	-13	-15.18
		High (B4)	Extended	-29.40	-13	-16.40
		High (B66)	Band Edge	-29.71	-13	-16.71
		High (B66)	Extended	-31.05	-13	-18.05
LTE Band 12	10 MHz	Low	Band Edge	-33.78	-13	-20.78
		High	Band Edge	-33.13	-13	-20.13
	5 MHz	Low	Band Edge	-28.98	-13	-15.98
		High	Band Edge	-27.23	-13	-14.23
	3 MHz	Low	Band Edge	-23.70	-13	-10.70
		High	Band Edge	-19.74	-13	-6.74
	1.4 MHz	Low	Band Edge	-19.25	-13	-6.25
		High	Band Edge	-16.16	-13	-3.16
LTE Band 13	10 MHz	Low	Band Edge	-31.98	-13	-18.98
		Low	Emission Mask	-45.38	-35	-10.38
		High	Band Edge	-34.77	-13	-21.77
		High	Emission Mask	-49.04	-35	-14.04
	5 MHz	Low	Band Edge	-27.12	-13	-14.12
		Low	Emission Mask	-44.59	-35	-9.59
		High	Band Edge	-28.36	-13	-15.36
		High	Emission Mask	-55.91	-35	-20.91

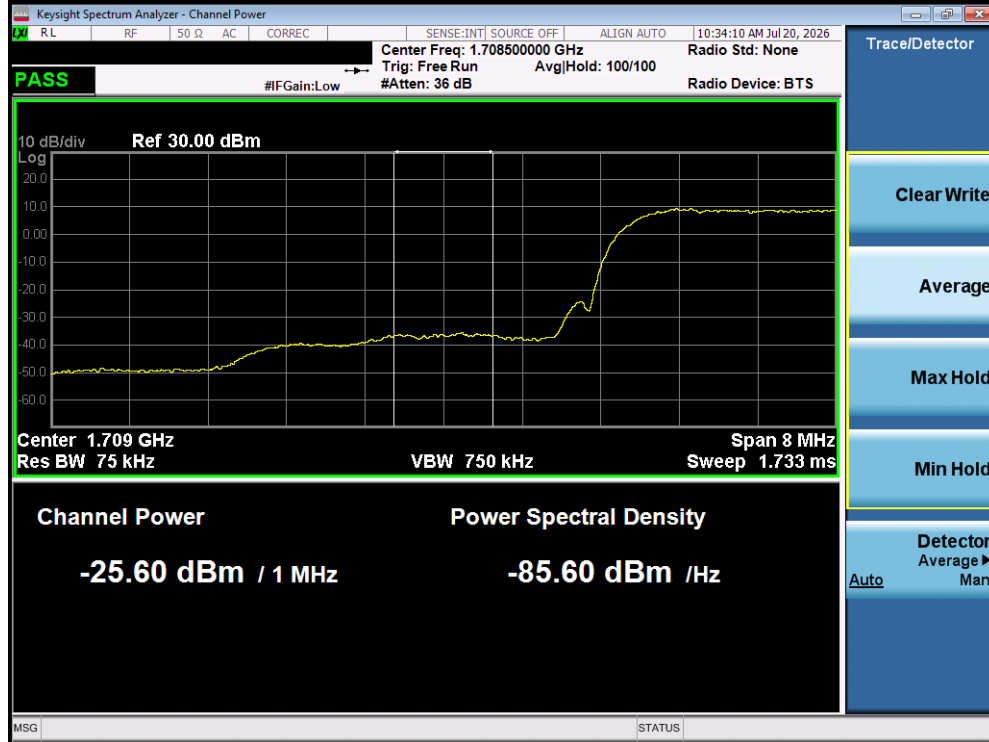
Table 7-6. Conducted Band Edge Results

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 44 of 83

WCDMA AWS

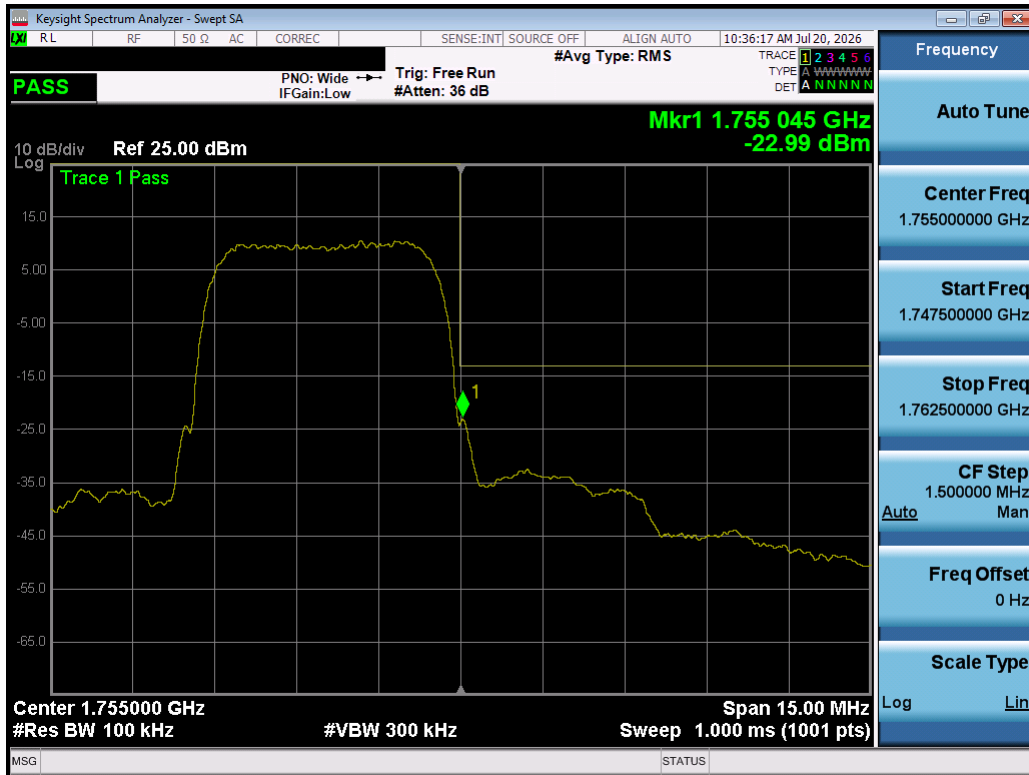


Plot 7-38. Lower Band Edge Plot (WCDMA AWS – Ch. 1312)



Plot 7-39. Lower Extended Band Edge Plot (WCDMA AWS – Ch. 1312)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 45 of 83



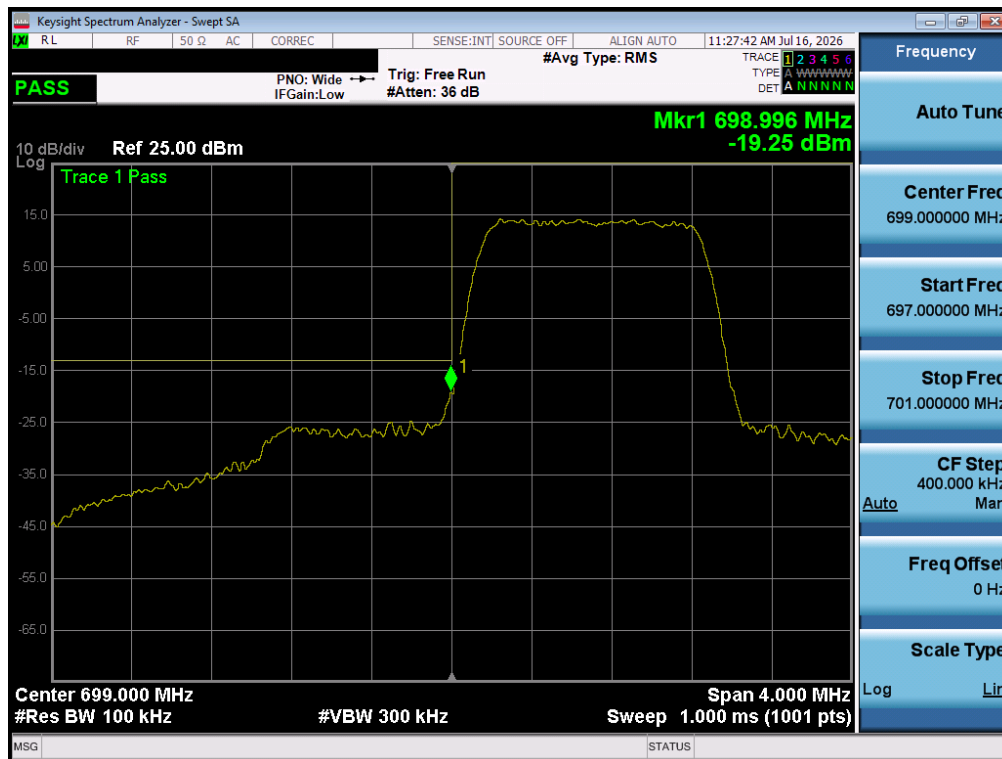
Plot 7-40. Upper Band Edge Plot (WCDMA AWS – Ch. 1513)



Plot 7-41. Upper Extended Band Edge Plot (WCDMA AWS – Ch. 1513– ANT1)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 46 of 83

LTE Band 12/17



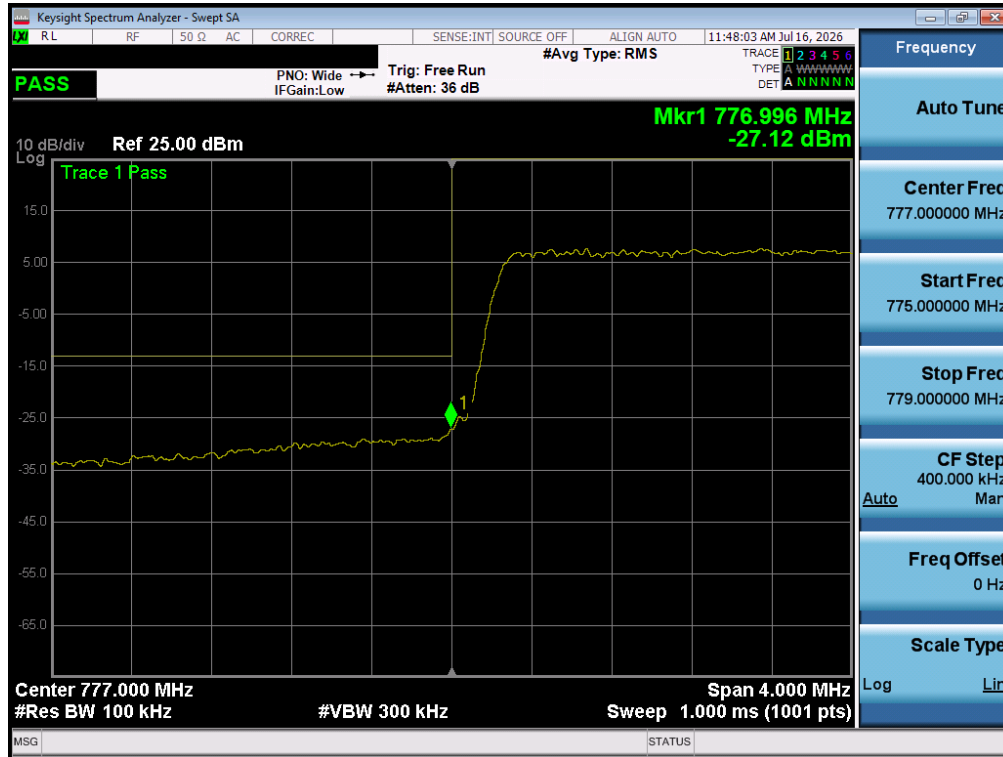
Plot 7-42. Lower Band Edge Plot (LTE Band 12/17 - 1.4MHz QPSK - Full RB)



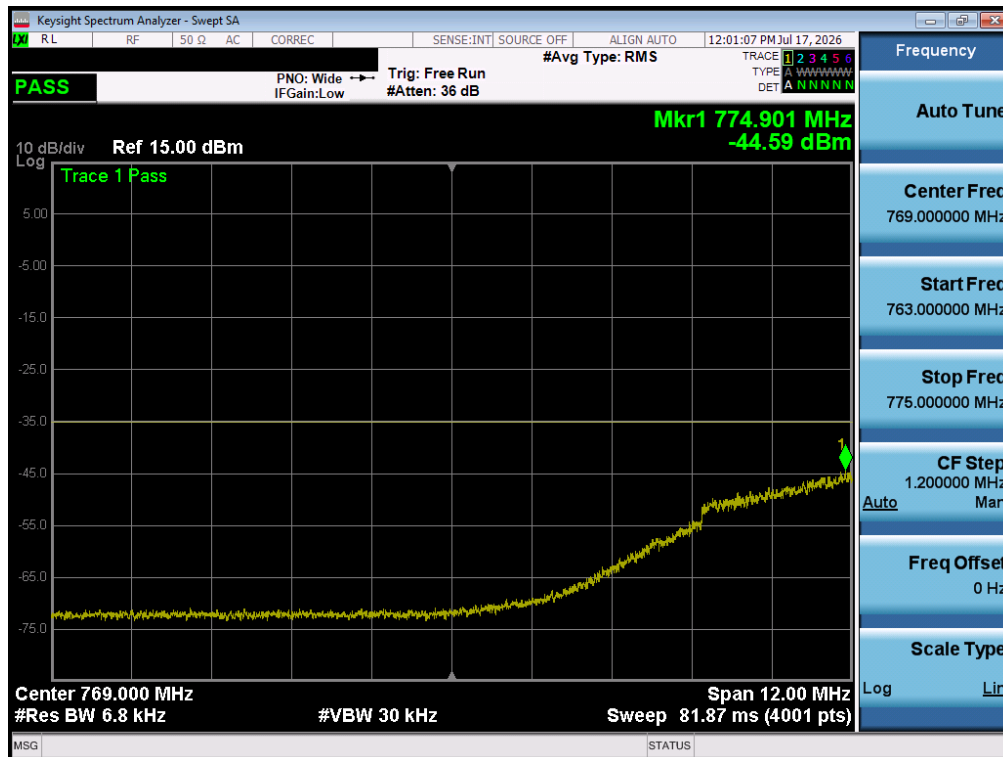
Plot 7-43. Upper Band Edge Plot (LTE Band 12/17 - 1.4MHz QPSK - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 47 of 83

LTE Band 13

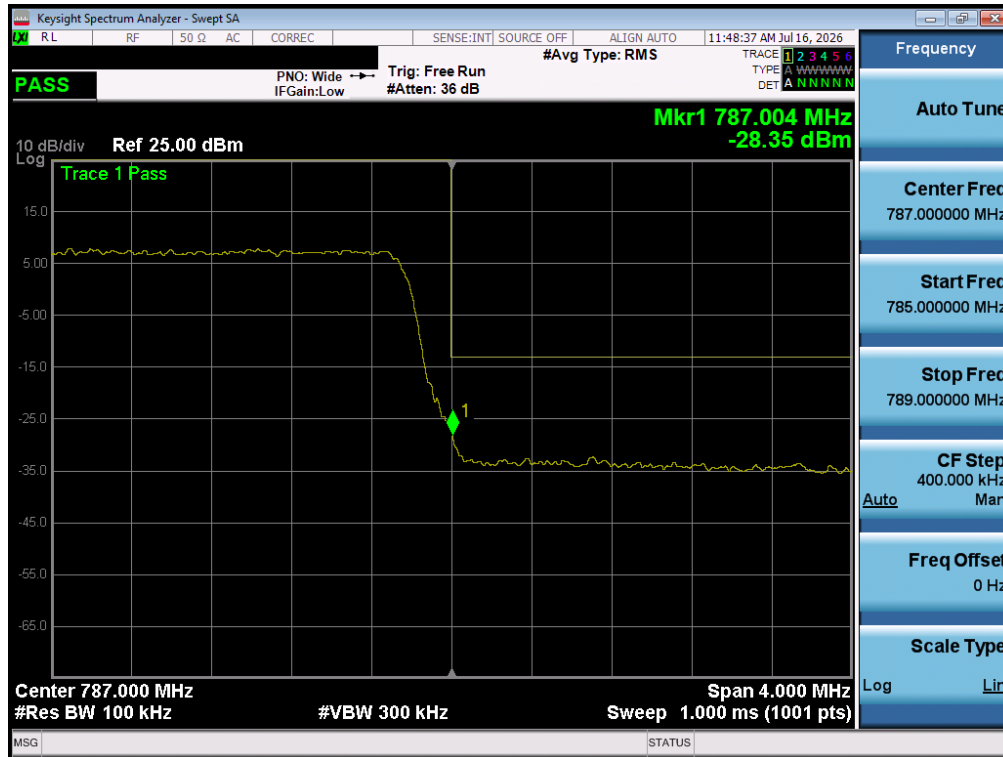


Plot 7-44. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB)



Plot 7-45. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 48 of 83



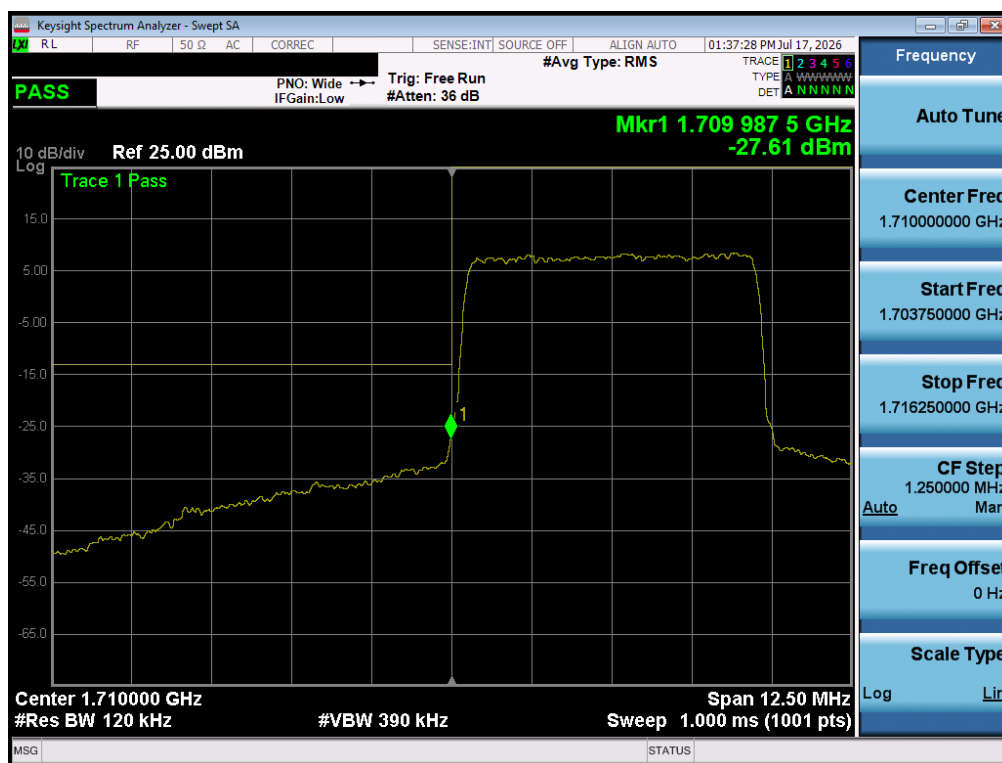
Plot 7-46. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK - Full RB)



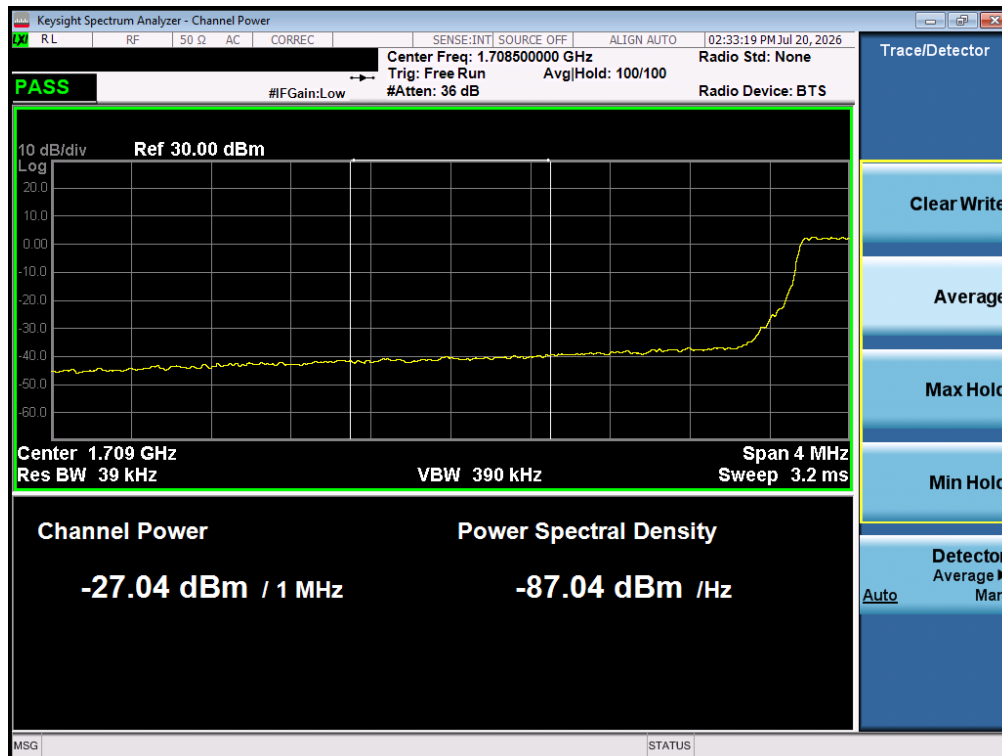
Plot 7-47. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 49 of 83

LTE Band 66/4



Plot 7-48. Lower Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB)

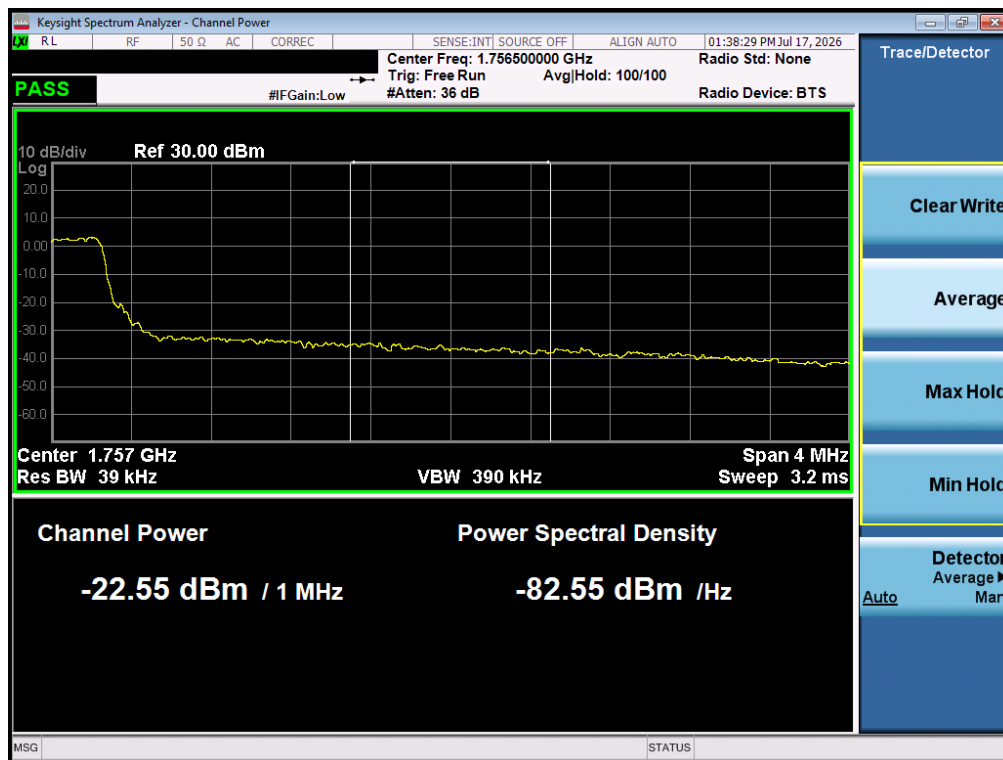


Plot 7-49. Lower Extended Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 50 of 83



Plot 7-50. Upper Band Edge Plot (LTE Band 4 - 5MHz QPSK - Full RB)

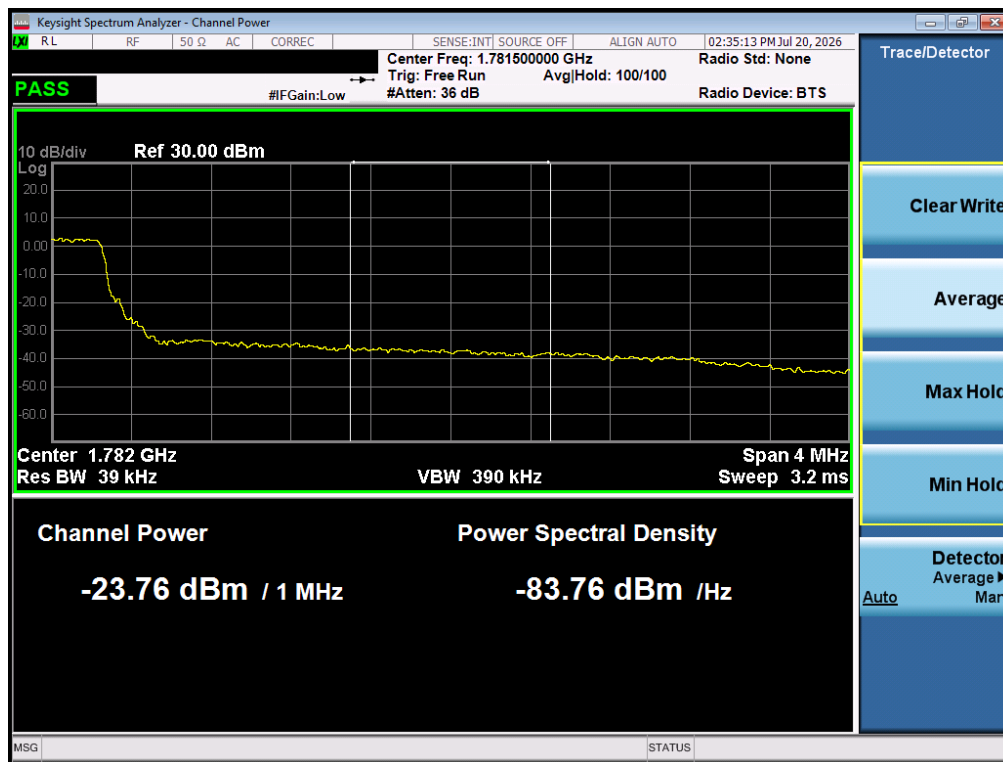


Plot 7-51. Upper Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 51 of 83



Plot 7-52. Upper Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB)



Plot 7-53. Upper Extended Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 52 of 83

7.6 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

ANSI C63.26-2015 – Section 5.2.3.4

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

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

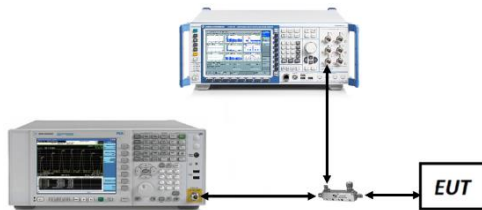


Figure 7-5. Test Instrument & Measurement Setup

Test Notes

For the QAM modulations, 64QAM was found to have the worst-case peak-to-average ratio so it is the only QAM measurement included in this section.

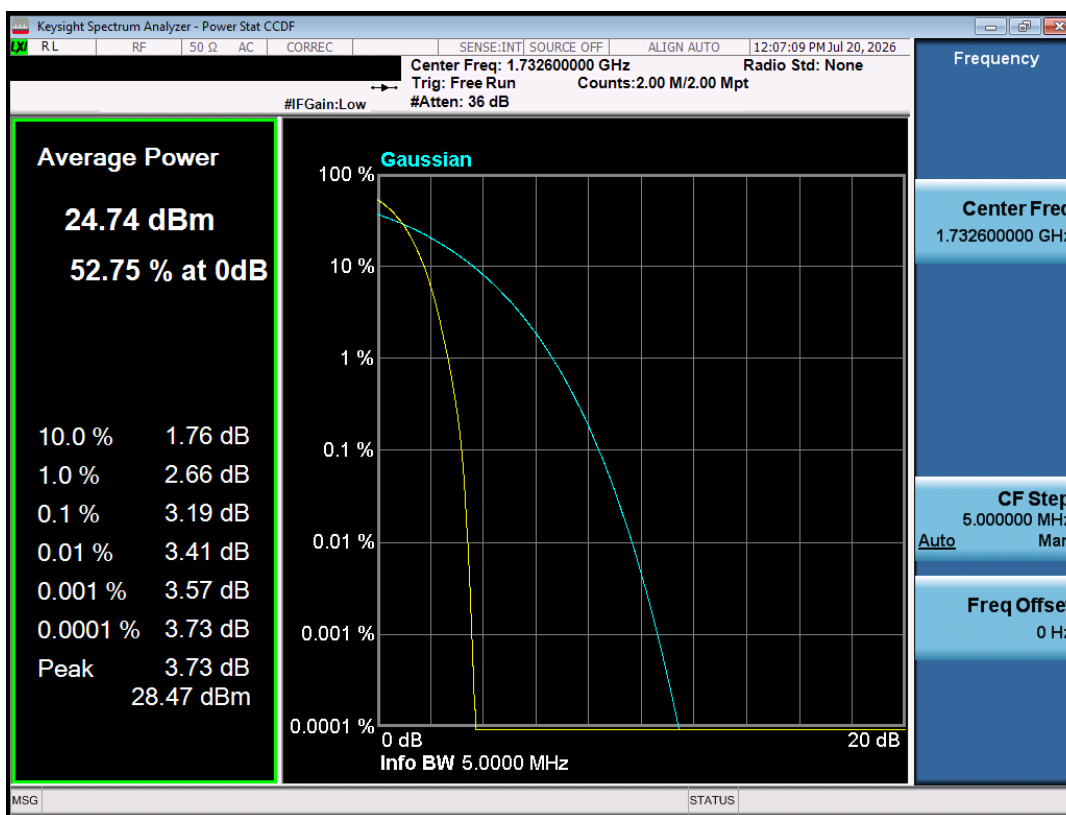
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 53 of 83

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
WCDMA-AWS	5MHz	GMSK	24.74	3.20	13	-9.80
LTE-B12	10MHz	QPSK	23.61	5.33	13	-7.67
		64QAM	21.62	6.38	13	-6.62
	5MHz	QPSK	23.66	5.33	13	-7.67
		64QAM	21.71	6.40	13	-6.60
	3MHz	QPSK	23.60	5.30	13	-7.70
		64QAM	21.61	6.37	13	-6.63
	1.4MHz	QPSK	23.67	5.33	13	-7.67
		64QAM	21.70	6.39	13	-6.61
LTE-B13	10MHz	QPSK	23.21	5.58	13	-7.42
		64QAM	21.28	6.53	13	-6.47
	5MHz	QPSK	23.17	5.70	13	-7.30
		64QAM	21.27	6.56	13	-6.44
LTE-B66-4	20MHz	QPSK	23.16	5.76	13	-7.24
		64QAM	21.17	6.72	13	-6.28
	15MHz	QPSK	23.15	5.82	13	-7.18
		64QAM	21.18	6.76	13	-6.24
	10MHz	QPSK	23.16	5.83	13	-7.17
		64QAM	21.15	6.71	13	-6.29
	5MHz	QPSK	23.07	5.85	13	-7.15
		64QAM	21.16	6.73	13	-6.27
	3MHz	QPSK	22.97	5.81	13	-7.19
		64QAM	21.02	6.69	13	-6.31
	1.4MHz	QPSK	23.03	5.97	13	-7.03
		64QAM	21.10	6.77	13	-6.23

Table 7-7. Peak-Average Ratio Results

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 54 of 83

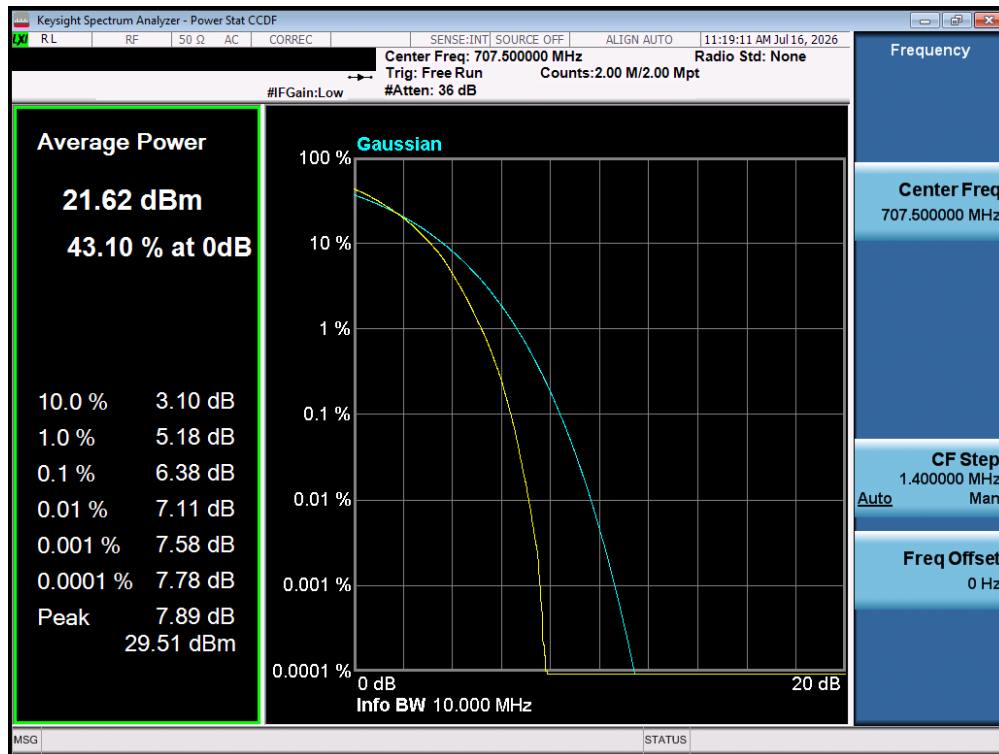
WCDMA AWS



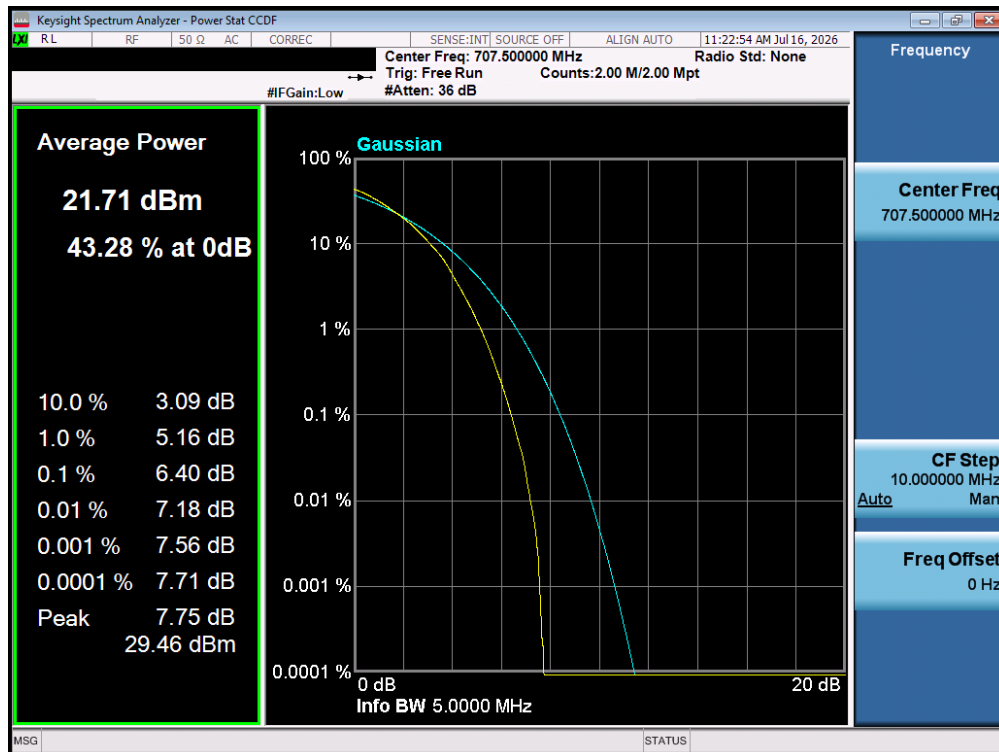
Plot 7-54. PAR Plot (WCDMA, Ch. 1413)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 55 of 83

LTE Band 12/7

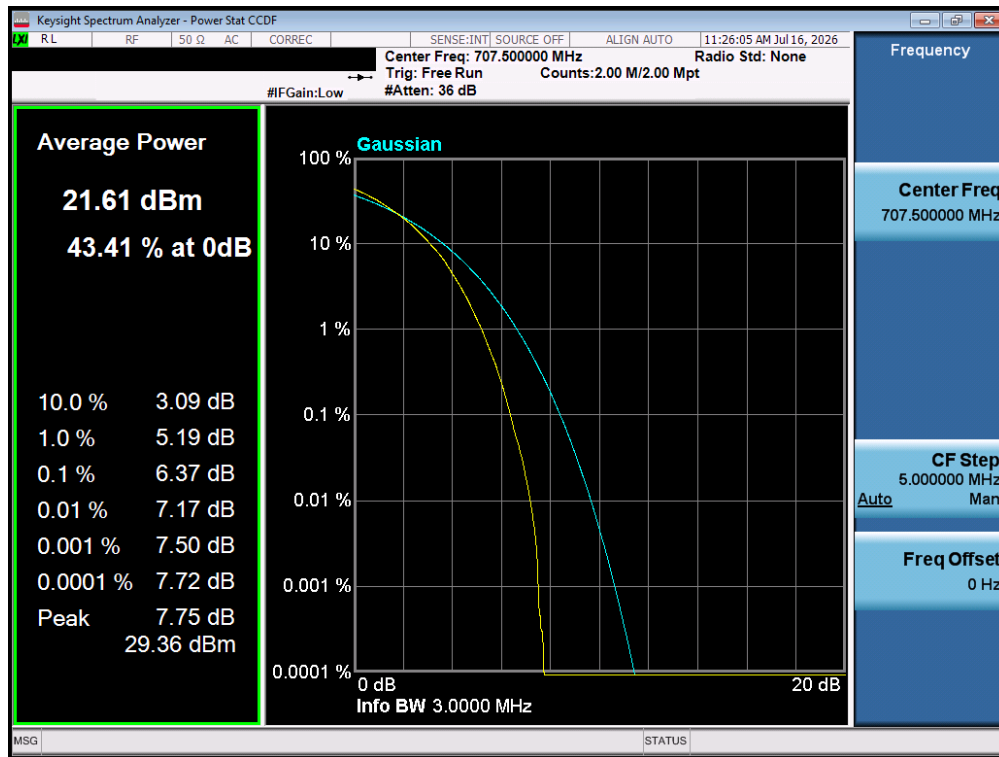


Plot 7-55. PAR Plot (LTE Band 12/7 - 10MHz 64-QAM - Full RB)

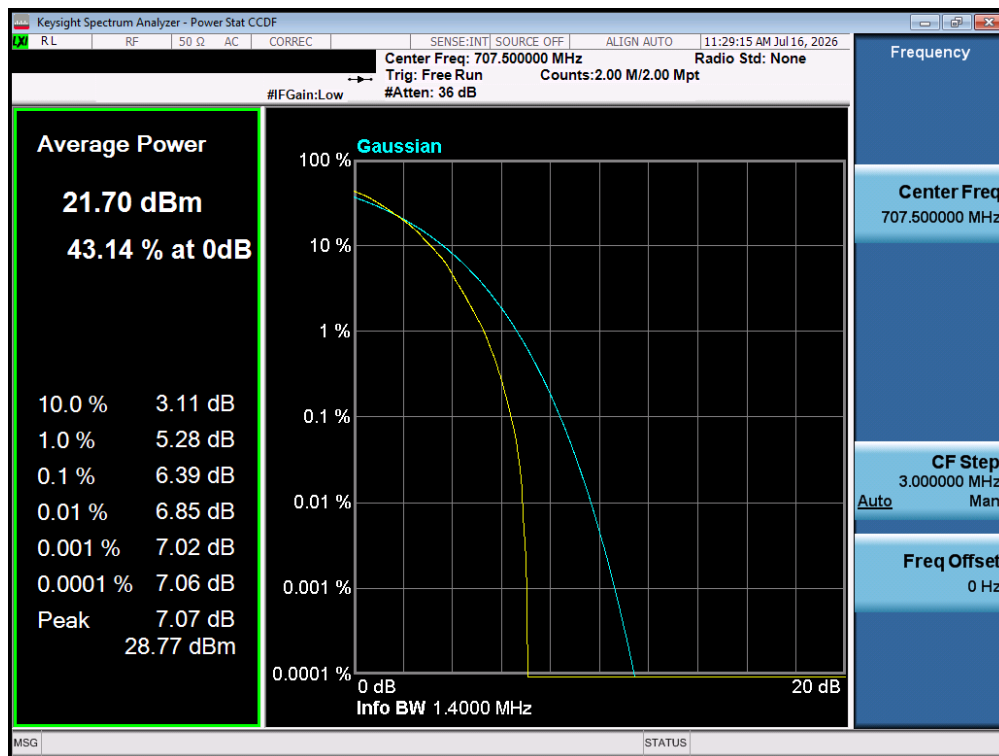


Plot 7-56. PAR Plot (LTE Band 12/7 - 5MHz 64-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 56 of 83



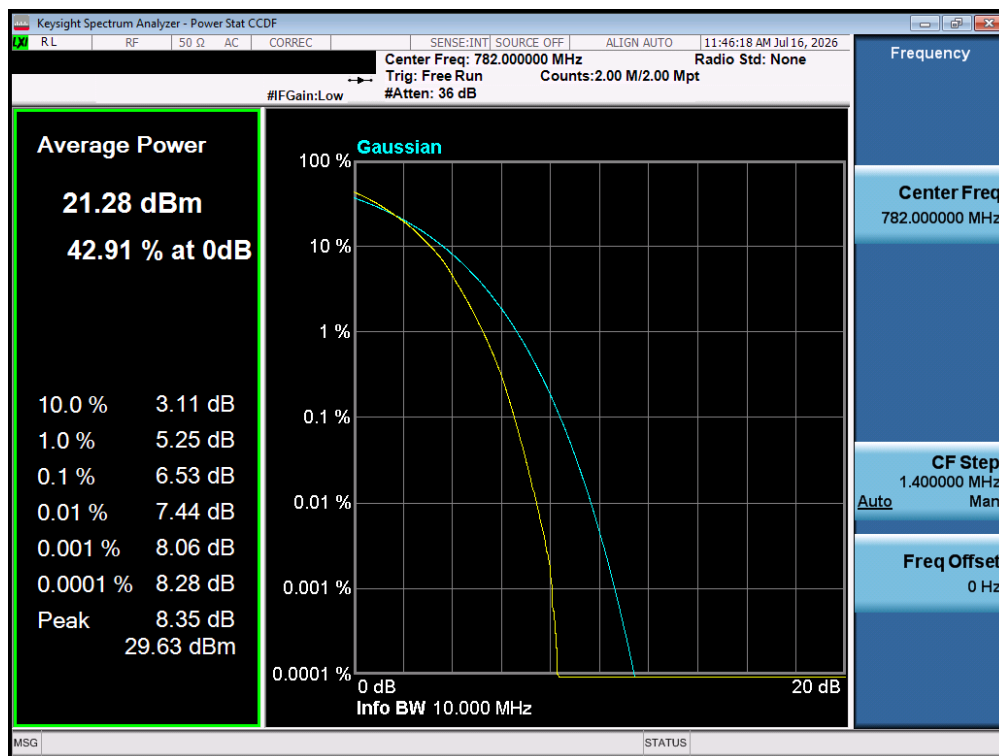
Plot 7-57. PAR Plot (LTE Band 12/17 - 3MHz 64-QAM - Full RB)



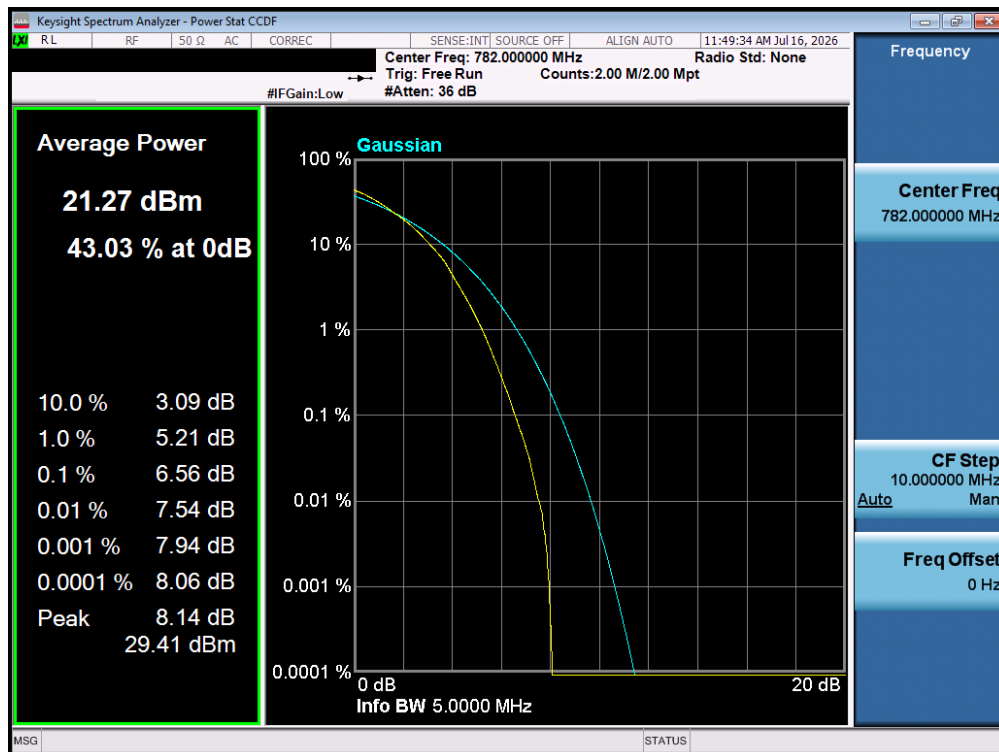
Plot 7-58. PAR Plot (LTE Band 12/17 - 1.4MHz 64-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 57 of 83

LTE Band 13



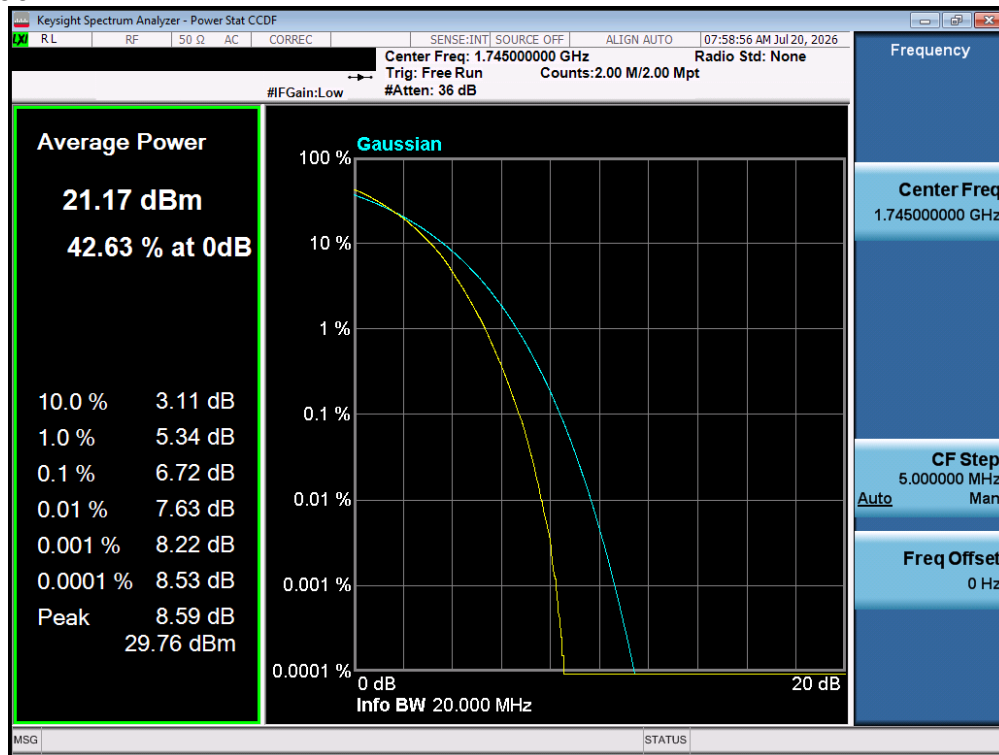
Plot 7-59. PAR Plot (LTE Band 66/4 - 10MHz 64-QAM - Full RB)



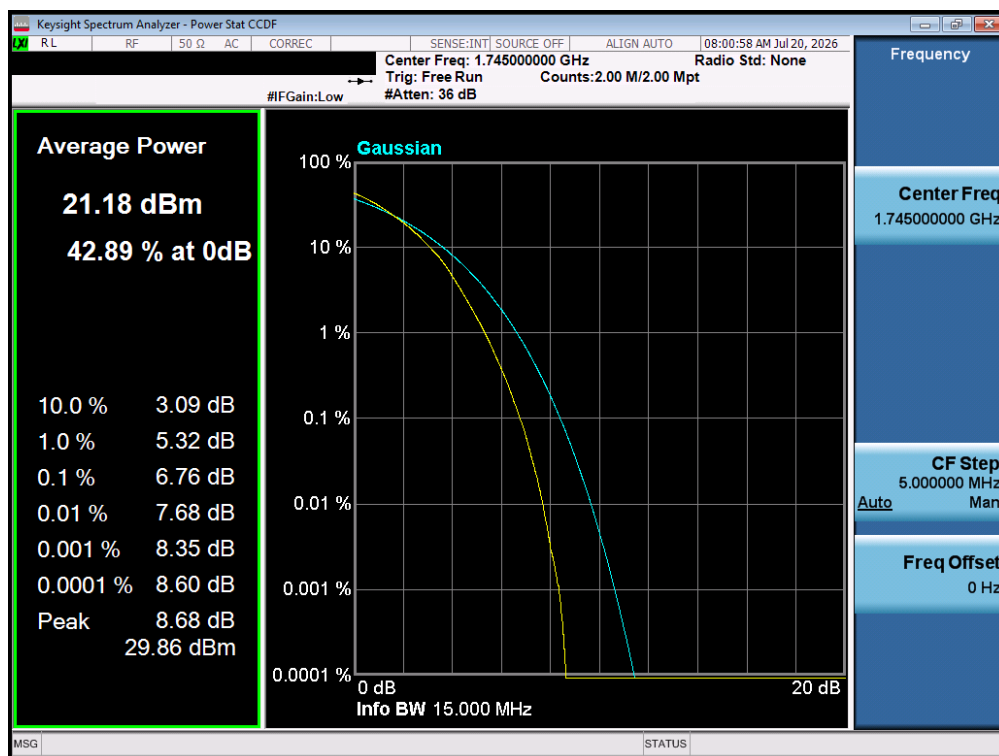
Plot 7-60. PAR Plot (LTE Band 66/4 - 5MHz 64-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 58 of 83

LTE Band 66/4

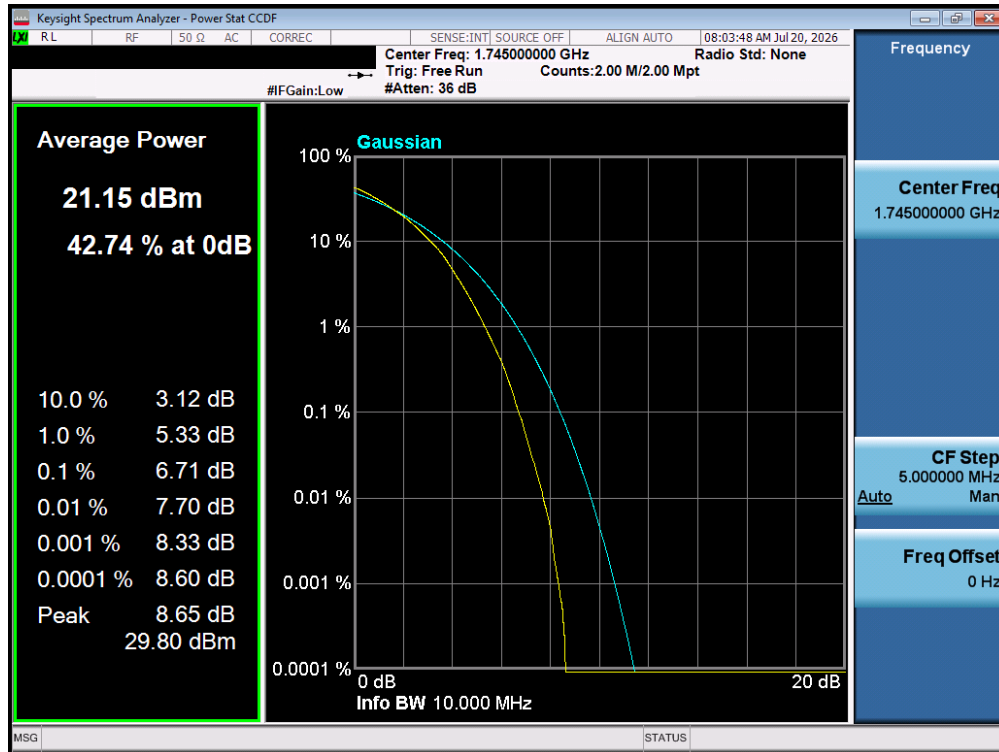


Plot 7-61. PAR Plot (LTE Band 66/4 – 20MHz 64-QAM - Full RB)

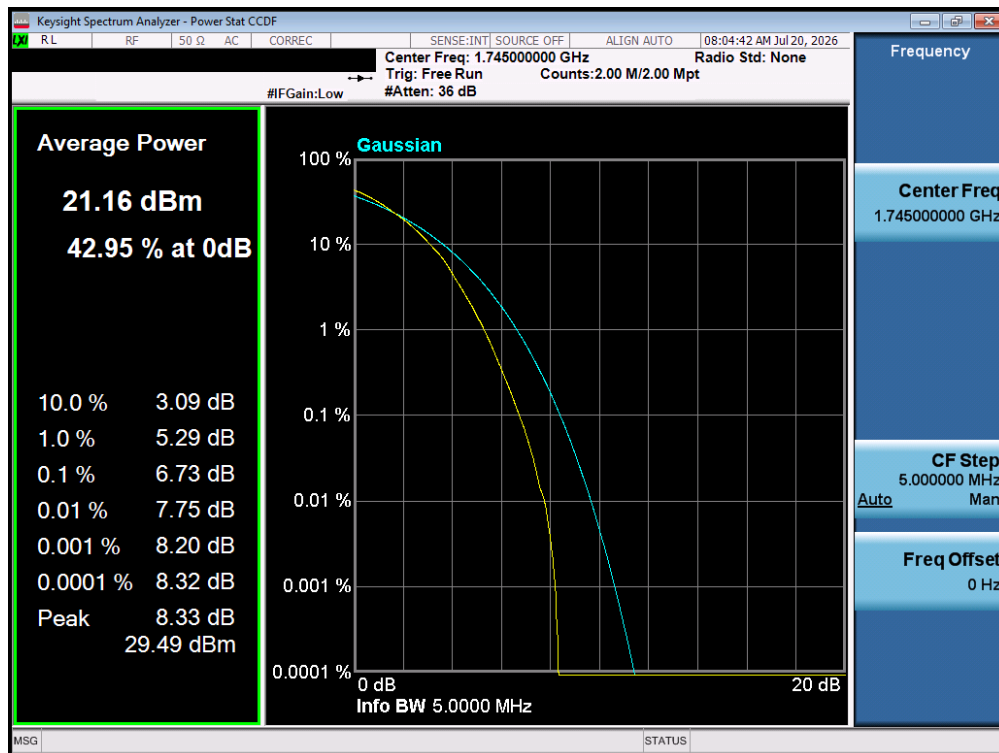


Plot 7-62. PAR Plot (LTE Band 66/4 – 15MHz 64-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 59 of 83

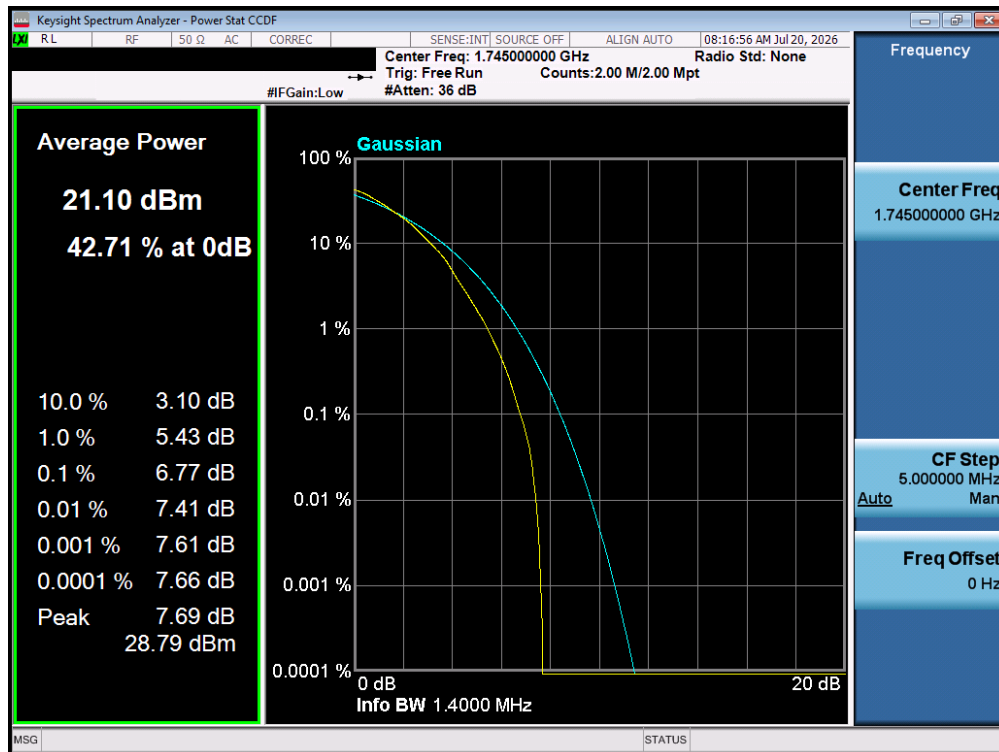
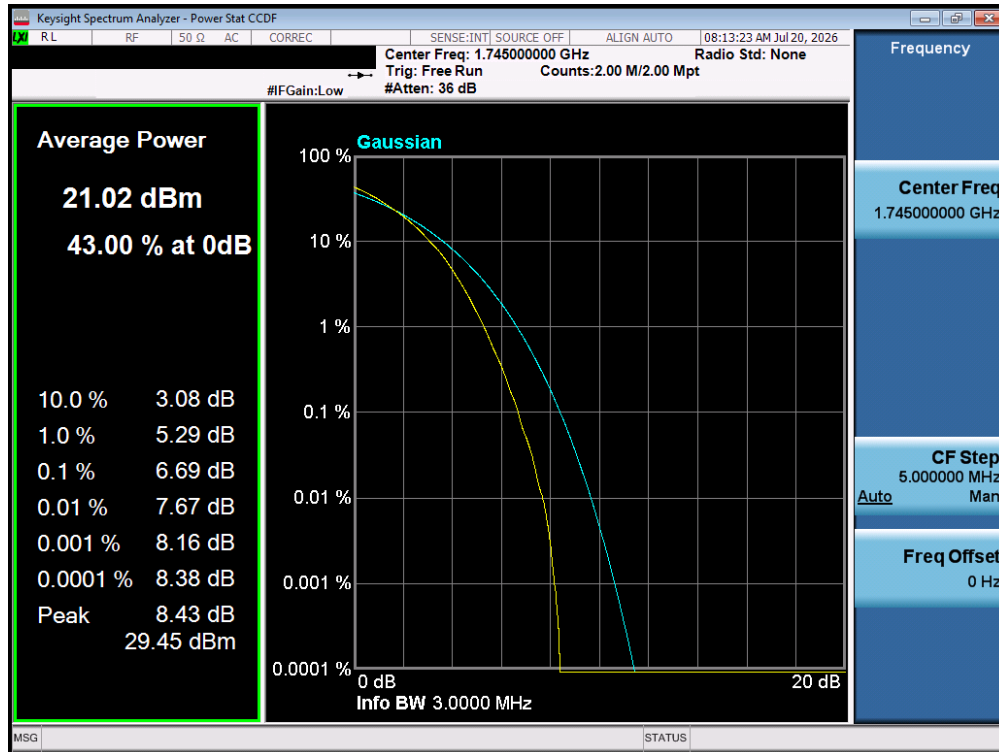


Plot 7-63. PAR Plot (LTE Band 66/4 – 10MHz 64-QAM - Full RB)



Plot 7-64. PAR Plot (LTE Band 66/4 – 5MHz 64-QAM - Full RB)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 60 of 83



FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 61 of 83

7.7 Radiated Power (ERP/EIRP)

Test Overview

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 – Section 5.2.4.4

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto".
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Test Setup

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

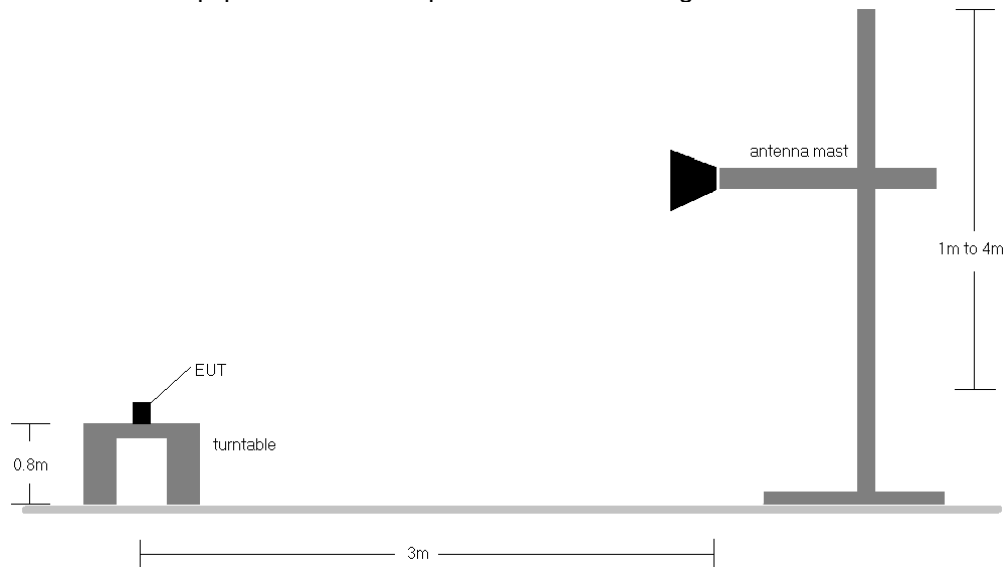


Figure 7-6. Radiated Test Setup <1GHz

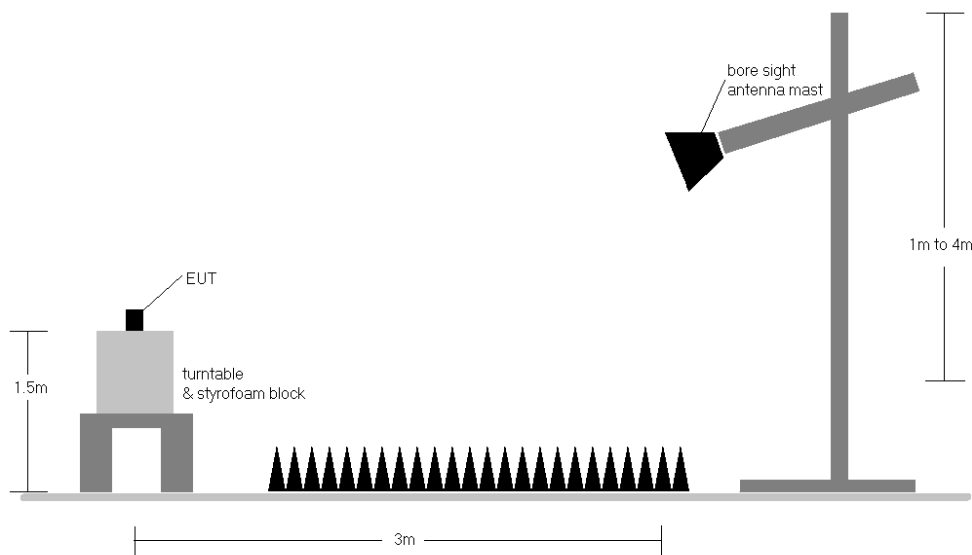


Figure 7-7. Radiated Test Setup >1GHz

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 63 of 83

Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
- 3) This unit was tested with its standard battery.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	H	154	24	19.80	2.96	22.76	0.189	30.00	-7.24
1732.60	WCDMA1700	H	144	17	19.38	3.03	22.41	0.174	30.00	-7.59
1752.60	WCDMA1700	H	144	19	18.61	3.18	21.79	0.151	30.00	-8.21
1712.40	WCDMA1700	V	120	60	19.10	2.91	22.01	0.159	30.00	-7.99

Table 7-8. EIRP Data (WCDMA AWS)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.00	V	155	315	1.10	1 / 49	19.41	18.36	0.068	34.77	-16.42
	QPSK	707.50	V	151	316	1.10	1 / 49	19.72	18.67	0.074	34.77	-16.10
	QPSK	711.00	V	152	316	1.12	1 / 25	19.74	18.71	0.074	34.77	-16.06
	16-QAM	704.00	V	155	315	1.10	1 / 49	18.63	17.58	0.057	34.77	-17.20
	16-QAM	707.50	V	151	316	1.10	1 / 49	18.89	17.84	0.061	34.77	-16.93
	16-QAM	711.00	V	152	316	1.12	1 / 25	18.95	17.92	0.062	34.77	-16.85
5 MHz	QPSK	701.50	V	155	315	1.13	1 / 12	19.33	18.31	0.068	34.77	-16.47
	QPSK	707.50	V	151	316	1.10	1 / 24	19.63	18.58	0.072	34.77	-16.19
	QPSK	713.50	V	152	316	1.15	1 / 12	19.49	18.49	0.071	34.77	-16.28
	16-QAM	701.50	V	155	315	1.13	1 / 12	18.12	17.10	0.051	34.77	-17.68
	16-QAM	707.50	V	151	316	1.10	1 / 24	18.97	17.92	0.062	34.77	-16.85
	16-QAM	713.50	V	152	316	1.15	1 / 12	18.77	17.77	0.060	34.77	-17.00
3 MHz	QPSK	700.50	V	155	315	1.15	1 / 7	19.01	18.01	0.063	34.77	-16.77
	QPSK	707.50	V	151	316	1.10	1 / 0	19.48	18.43	0.070	34.77	-16.34
	QPSK	714.50	V	152	316	1.16	1 / 7	19.26	18.27	0.067	34.77	-16.50
	16-QAM	700.50	V	155	315	1.15	1 / 7	18.19	17.19	0.052	34.77	-17.59
	16-QAM	707.50	V	151	316	1.10	1 / 0	18.72	17.67	0.058	34.77	-17.10
	16-QAM	714.50	V	152	316	1.16	1 / 7	18.75	17.76	0.060	34.77	-17.01
1.4 MHz	QPSK	699.70	V	155	315	1.17	1 / 3	19.01	18.03	0.063	34.77	-16.75
	QPSK	707.50	V	151	316	1.10	1 / 5	19.52	18.47	0.070	34.77	-16.30
	QPSK	715.30	V	152	316	1.16	1 / 3	19.33	18.34	0.068	34.77	-16.43
	16-QAM	699.70	V	155	315	1.17	1 / 3	18.44	17.46	0.056	34.77	-17.32
	16-QAM	707.50	V	151	316	1.10	1 / 5	18.66	17.61	0.058	34.77	-17.16
	16-QAM	715.30	V	152	316	1.16	1 / 3	18.89	17.90	0.062	34.77	-16.87
10 MHz	Opposite Pol.	711.00	H	138	178	1.33	1 / 0	17.84	17.02	0.050	34.77	-17.75

Table 7-9. ERP Data (LTE Band 12/17)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.00	H	242	298	1.27	1 / 49	16.47	15.59	0.036	34.77	-19.18
	16-QAM	782.00	H	242	298	1.27	1 / 49	15.83	14.95	0.031	34.77	-19.82
5 MHz	QPSK	779.50	H	242	298	1.23	1 / 12	16.49	15.57	0.036	34.77	-19.20
	QPSK	782.00	H	242	298	1.27	1 / 12	16.44	15.56	0.036	34.77	-19.21
	QPSK	784.50	H	242	298	1.32	1 / 12	16.47	15.63	0.037	34.77	-19.14
	16-QAM	779.50	H	242	298	1.23	1 / 12	15.71	14.79	0.030	34.77	-19.98
	16-QAM	782.00	H	242	298	1.27	1 / 12	16.06	15.18	0.033	34.77	-19.59
	16-QAM	784.50	H	242	298	1.32	1 / 12	15.89	15.05	0.032	34.77	-19.72
10 MHz	Opposite Pol.	782.00	V	134	312	1.17	1 / 49	15.97	14.99	0.032	34.77	-19.78

Table 7-10. ERP Data (LTE Band 13)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 65 of 83

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1720.00	H	198	16	2.90	1 / 99	18.13	21.03	0.127	30.00	-8.97
	QPSK	1745.00	H	195	21	3.13	1 / 99	18.28	21.41	0.138	30.00	-8.59
	QPSK	1770.00	H	188	11	3.15	1 / 0	18.54	21.69	0.148	30.00	-8.31
	16-QAM	1720.00	H	198	16	2.90	1 / 99	17.45	20.35	0.108	30.00	-9.65
	16-QAM	1745.00	H	195	21	3.13	1 / 99	17.59	20.72	0.118	30.00	-9.28
	16-QAM	1770.00	H	188	11	3.15	1 / 0	17.68	20.83	0.121	30.00	-9.17
15 MHz	QPSK	1717.50	H	198	16	2.92	1 / 0	18.10	21.02	0.127	30.00	-8.98
	QPSK	1745.00	H	195	21	3.13	1 / 74	18.26	21.39	0.138	30.00	-8.61
	QPSK	1772.50	H	188	11	3.13	1 / 37	18.69	21.82	0.152	30.00	-8.18
	16-QAM	1717.50	H	198	16	2.92	1 / 0	17.20	20.12	0.103	30.00	-9.88
	16-QAM	1745.00	H	195	21	3.13	1 / 74	17.83	20.96	0.125	30.00	-9.04
	16-QAM	1772.50	H	188	11	3.13	1 / 37	18.02	21.15	0.130	30.00	-8.85
10 MHz	QPSK	1715.00	H	198	16	2.94	1 / 25	18.06	21.00	0.126	30.00	-9.00
	QPSK	1745.00	H	195	21	3.13	1 / 25	18.30	21.43	0.139	30.00	-8.57
	QPSK	1775.00	H	188	11	3.11	1 / 49	18.65	21.76	0.150	30.00	-8.24
	16-QAM	1715.00	H	198	16	2.94	1 / 25	17.26	20.20	0.105	30.00	-9.80
	16-QAM	1745.00	H	195	21	3.13	1 / 25	17.76	20.89	0.123	30.00	-9.11
	16-QAM	1775.00	H	188	11	3.11	1 / 49	18.04	21.15	0.130	30.00	-8.85
5 MHz	QPSK	1712.50	H	198	16	2.96	1 / 12	18.07	21.03	0.127	30.00	-8.97
	QPSK	1745.00	H	195	21	3.13	1 / 0	18.18	21.31	0.135	30.00	-8.69
	QPSK	1777.50	H	188	11	3.09	1 / 12	18.64	21.74	0.149	30.00	-8.26
	16-QAM	1712.50	H	198	16	2.96	1 / 12	17.15	20.11	0.103	30.00	-9.89
	16-QAM	1745.00	H	195	21	3.13	1 / 0	17.48	20.61	0.115	30.00	-9.39
	16-QAM	1777.50	H	188	11	3.09	1 / 12	17.95	21.05	0.127	30.00	-8.95
3 MHz	QPSK	1711.50	H	198	16	2.97	1 / 7	17.85	20.82	0.121	30.00	-9.18
	QPSK	1745.00	H	195	21	3.13	1 / 7	17.93	21.06	0.128	30.00	-8.94
	QPSK	1778.50	H	188	11	3.09	1 / 7	18.37	21.46	0.140	30.00	-8.54
	16-QAM	1711.50	H	198	16	2.97	1 / 7	17.00	19.97	0.099	30.00	-10.03
	16-QAM	1745.00	H	195	21	3.13	1 / 7	17.34	20.47	0.111	30.00	-9.53
	16-QAM	1778.50	H	188	11	3.09	1 / 7	17.37	20.46	0.111	30.00	-9.54
1.4 MHz	QPSK	1710.70	H	198	16	2.98	1 / 5	18.03	21.01	0.126	30.00	-8.99
	QPSK	1745.00	H	195	21	3.13	1 / 3	18.06	21.19	0.132	30.00	-8.81
	QPSK	1779.30	H	188	11	3.08	1 / 3	18.44	21.52	0.142	30.00	-8.48
	16-QAM	1710.70	H	198	16	2.98	1 / 5	17.08	20.06	0.101	30.00	-9.94
	16-QAM	1745.00	H	195	21	3.13	1 / 3	17.13	20.26	0.106	30.00	-9.74
	16-QAM	1779.30	H	188	11	3.08	1 / 3	17.84	20.92	0.124	30.00	-9.08
20 MHz	Opposite Pol.	1770.00	V	117	59	3.11	1 / 50	18.56	21.67	0.147	30.00	-8.33

Table 7-11. EIRP Data (LTE Band 66/4)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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7.8 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 – Section 5.5.4

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 67 of 83

Test Setup

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

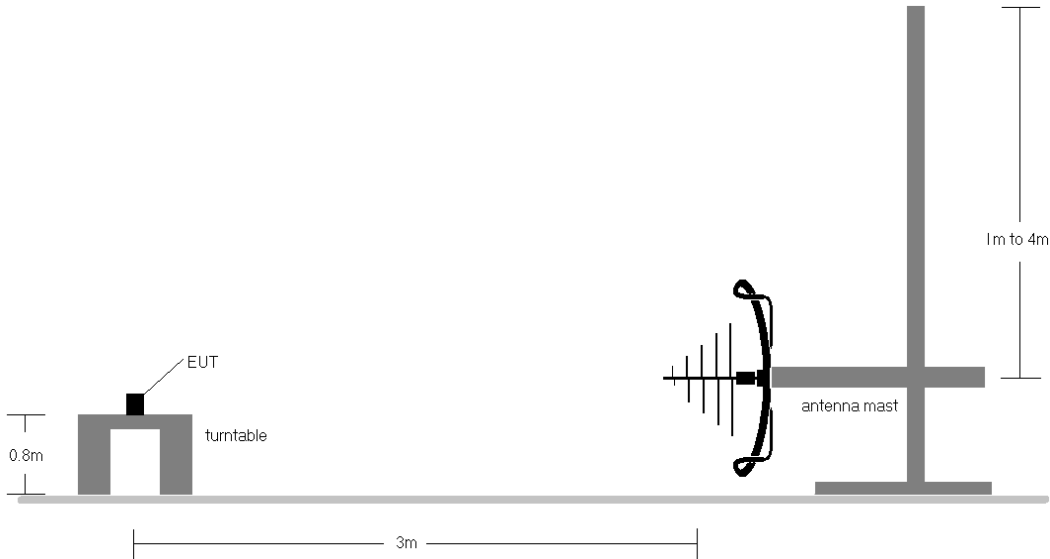


Figure 7-8. Test Instrument & Measurement Setup < 1GHz

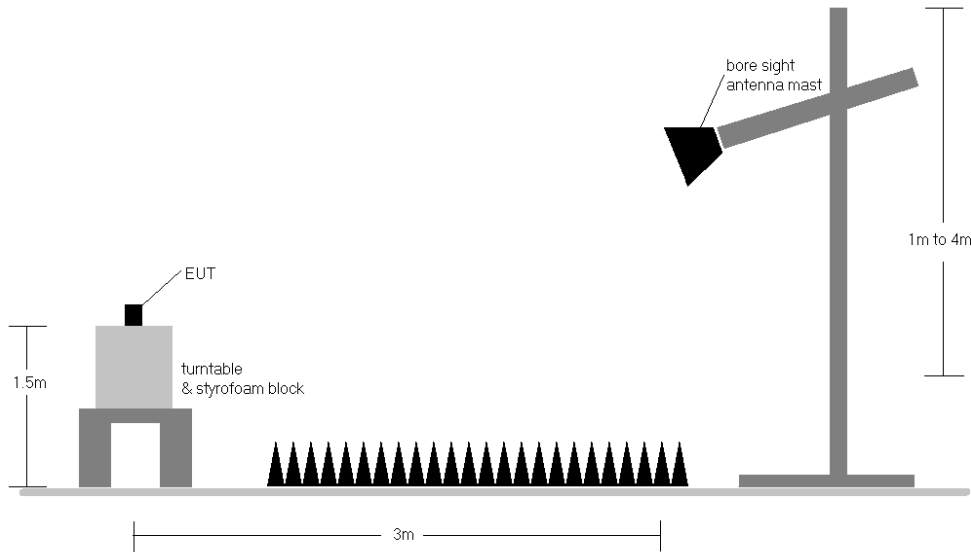


Figure 7-9. Test Instrument & Measurement Setup > 1GHz

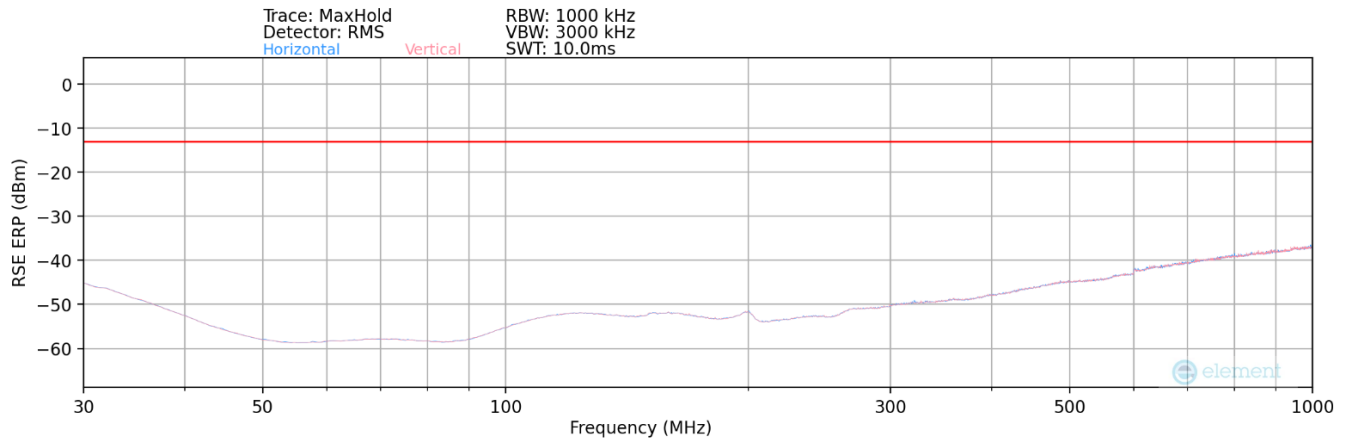
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03-A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 68 of 83

Test Notes

- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
- 2) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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WCDMA AWS

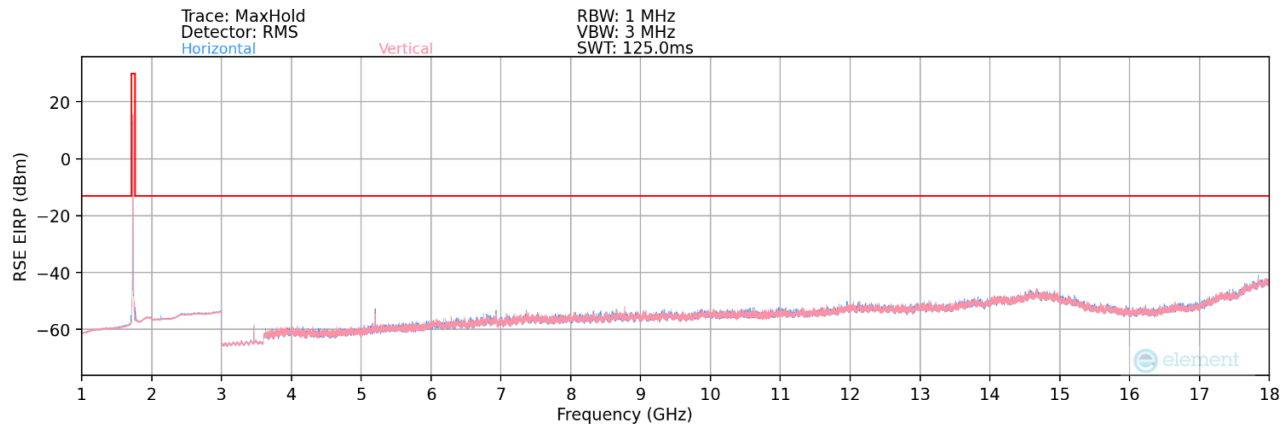


Plot 7-67. Radiated Spurious Plot (WCDMA AWS)

Mode:	Stand Alone
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
200.24	H	-	-	-97.22	19.97	29.75	-67.66	-13.00	-54.66

7-12. Radiated Spurious Data (WCDMA AWS)



Plot 7-68. Radiated Spurious Plot (WCDMA AWS)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.80	H	265	354	-70.24	1.25	38.01	-57.24	-13.00	-44.24
5137.20	H	309	-2	-70.58	3.72	40.14	-55.11	-13.00	-42.11
6849.60	H	146	357	-76.34	7.50	38.16	-57.10	-13.00	-44.10
8562.00	H	-	-	-81.04	8.95	34.91	-60.34	-13.00	-47.34
10274.40	H	-	-	-81.57	10.91	36.34	-58.92	-13.00	-45.92
11986.80	H	-	-	-82.58	13.54	37.96	-57.30	-13.00	-44.30

7-13. Radiated Spurious Data (WCDMA AWS – Low Channel)

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.20	H	223	1	-72.48	0.95	35.47	-59.79	-13.00	-46.79
5197.80	H	348	331	-69.59	4.12	41.53	-53.73	-13.00	-40.73
6930.40	H	134	77	-75.23	7.15	38.92	-56.34	-13.00	-43.34
8663.00	H	-	-	-80.80	9.25	35.45	-59.81	-13.00	-46.81
10395.60	H	-	-	-81.72	10.88	36.16	-59.10	-13.00	-46.10
12128.20	H	-	-	-82.47	13.62	38.15	-57.11	-13.00	-44.11

Table 7-14. Radiated Spurious Data (WCDMA AWS – Mid Channel)

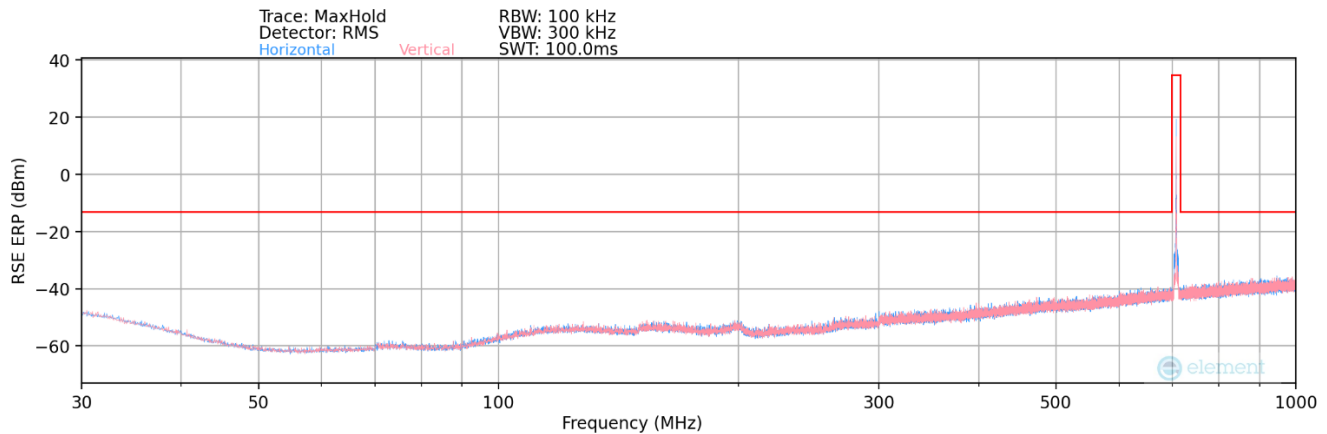
Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.20	H	249	335	-72.42	0.85	35.43	-59.82	-13.00	-46.82
5257.80	H	363	345	-68.52	3.59	42.07	-53.19	-13.00	-40.19
7010.40	H	139	66	-73.12	6.58	40.46	-54.80	-13.00	-41.80
8763.00	H	-	-	-80.28	8.92	35.64	-59.62	-13.00	-46.62
10515.60	H	-	-	-81.64	11.04	36.40	-58.86	-13.00	-45.86
12268.20	H	-	-	-82.77	13.46	37.69	-57.56	-13.00	-44.56

Table 7-15. Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 12/17

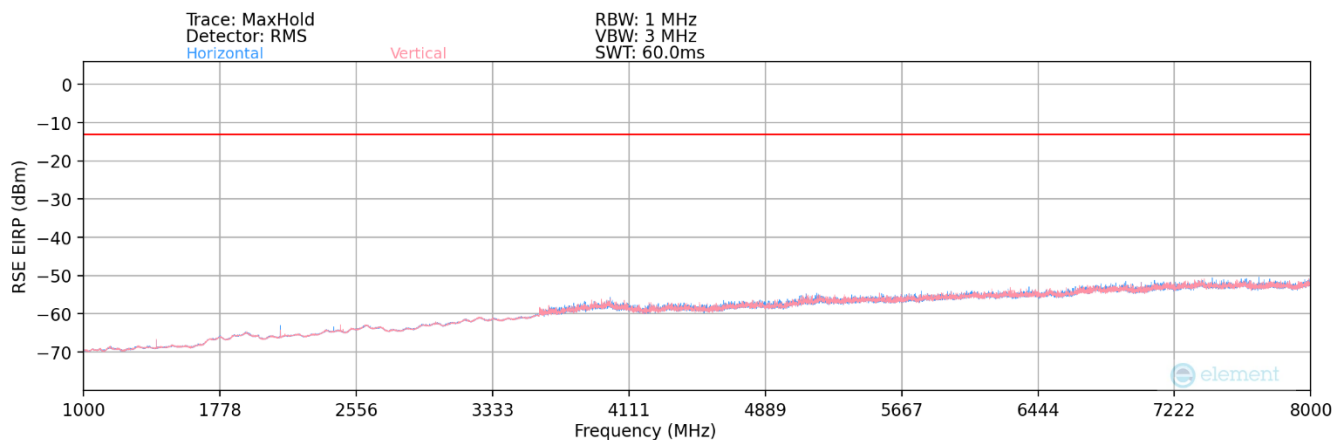


Plot 7-69. Radiated Spurious Plot (LTE Band 12/17)

Mode:	Stand Alone
Channel:	23095
Frequency (MHz):	707.5

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
109.70	H	-	-	-104.14	19.30	22.16	-75.25	-13.00	-62.25

7-16. Radiated Spurious Data (LTE Band 12/17)



Plot 7-70. Radiated Spurious Plot (LTE Band 12/17)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 72 of 83

Bandwidth (MHz):	10
Frequency (MHz):	704
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.00	V	327	298	-72.11	-7.35	27.54	-67.72	-13.00	-54.72
2112.00	H	155	40	-74.18	-4.18	28.64	-66.61	-13.00	-53.61
2421.00	H	-	-	-78.46	-3.01	25.53	-69.73	-13.00	-56.73
2466.00	V	-	-	-77.52	-3.31	26.17	-69.08	-13.00	-56.08
2816.00	H	-	-	-78.54	-2.65	25.81	-69.45	-13.00	-56.45
3520.00	H	274	353	-78.45	0.48	29.03	-66.23	-13.00	-53.23
4224.00	H	-	-	-78.08	1.12	30.04	-65.22	-13.00	-52.22
4928.00	H	-	-	-78.73	2.29	30.56	-64.70	-13.00	-51.70
5632.00	H	-	-	-79.48	4.13	31.65	-63.61	-13.00	-50.61

Table 7-17. Radiated Spurious Data (LTE Band 12/17 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.00	V	234	101	-72.47	-7.35	27.18	-68.08	-13.00	-55.08
2122.50	H	114	40	-72.05	-4.18	30.77	-64.49	-13.00	-51.49
2421.00	H	-	-	-78.41	-3.01	25.58	-69.68	-13.00	-56.68
2466.00	V	-	-	-77.50	-3.31	26.19	-69.06	-13.00	-56.06
2830.00	H	-	-	-78.16	-2.48	26.36	-68.90	-13.00	-55.90
3537.50	H	118	348	-77.97	0.63	29.66	-65.59	-13.00	-52.59
4245.00	H	-	-	-78.09	1.35	30.26	-64.99	-13.00	-51.99
4952.50	H	-	-	-78.90	2.52	30.62	-64.64	-13.00	-51.64
5660.00	H	-	-	-79.34	4.15	31.81	-63.44	-13.00	-50.44

Table 7-18. Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

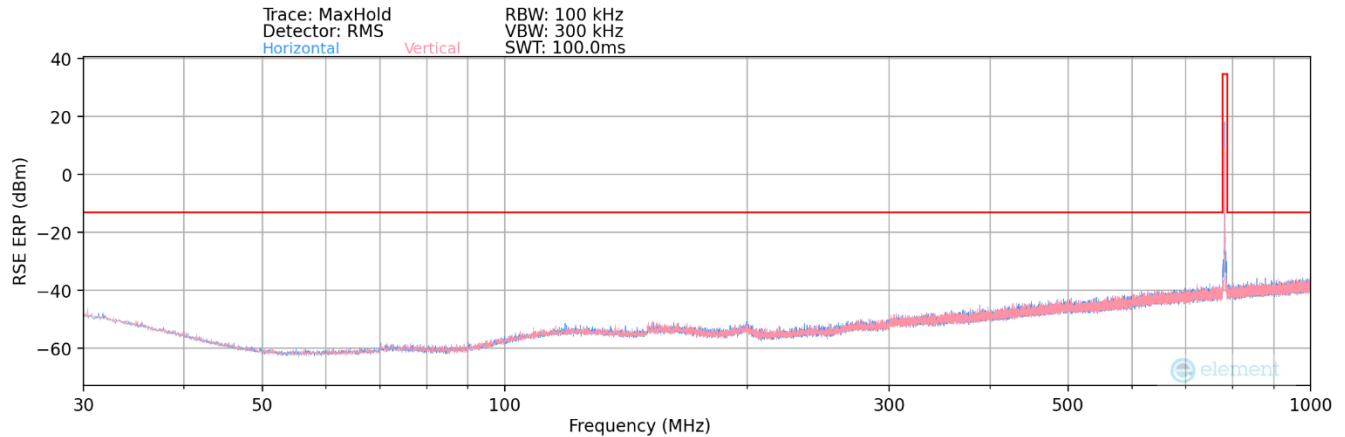
Bandwidth (MHz):	10
Frequency (MHz):	711
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.00	V	322	296	-68.31	-7.34	31.35	-63.91	-13.00	-50.91
2133.00	H	158	40	-73.14	-4.13	29.73	-65.52	-13.00	-52.52
2421.00	H	-	-	-78.57	-3.01	25.42	-69.84	-13.00	-56.84
2466.00	V	-	-	-77.50	-3.31	26.19	-69.06	-13.00	-56.06
2844.00	H	-	-	-78.05	-2.39	26.56	-68.69	-13.00	-55.69

Table 7-19. Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 13

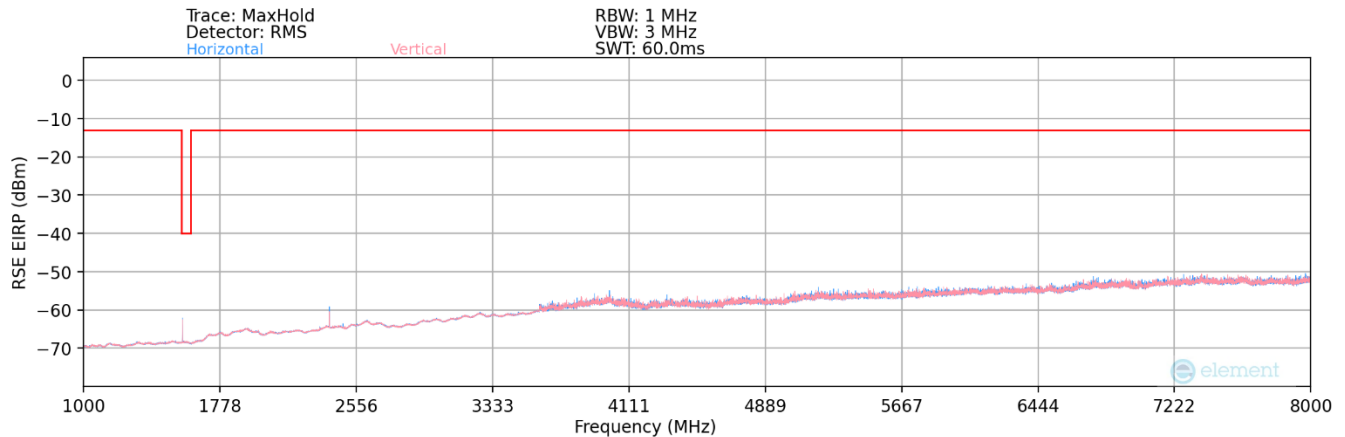


Plot 7-71. Radiated Spurious Plot (LTE Band 13)

Mode:	Stand Alone
Channel:	23230
Frequency (MHz):	782

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
125.00	H	-	-	-104.24	20.47	23.23	-74.18	-13.00	-61.18

Table 7-20. Radiated Spurious Data (LTE Band 13)



Plot 7-72. Radiated Spurious Plot (LTE Band 13)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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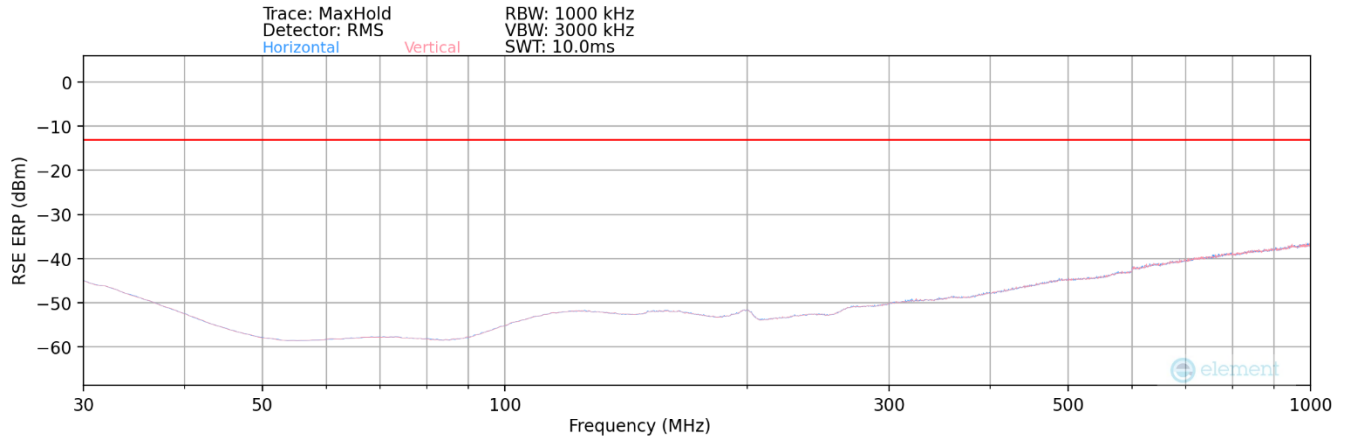
Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1564.00	H	172	200	-66.98	-7.01	33.01	-62.25	-40.00	-22.25
2290.00	H	-	-	-77.86	-3.90	25.24	-70.02	-13.00	-57.02
2346.00	H	155	53	-75.64	-3.38	27.98	-67.28	-13.00	-54.28
2405.00	H	-	-	-77.78	-3.14	26.08	-69.18	-13.00	-56.18
3128.00	H	134	63	-75.54	-0.99	30.47	-64.79	-13.00	-51.79
3910.00	H	-	-	-78.57	2.08	30.51	-64.75	-13.00	-51.75
4692.00	H	-	-	-78.96	2.20	30.24	-65.02	-13.00	-52.02
5474.00	H	-	-	-79.62	4.35	31.73	-63.52	-13.00	-50.52

Table 7-21. Radiated Spurious Data (LTE Band 13 – Mid Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 66/4

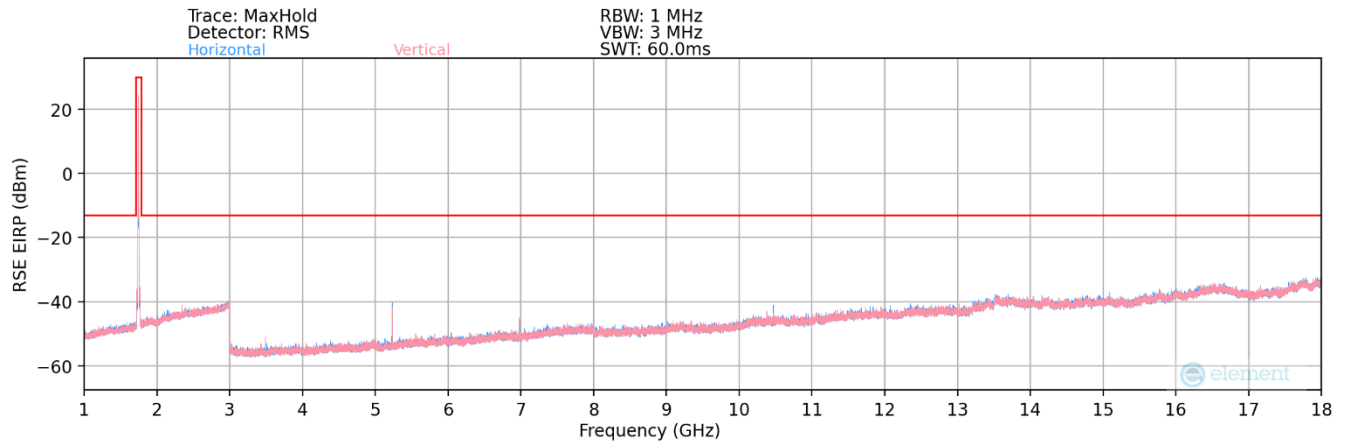


Plot 7-73. Radiated Spurious Plot (LTE Band 66/4)

Mode:	Stand Alone
Channel:	132322
Frequency (MHz):	1745

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
325.00	H	-	-	-96.78	21.53	31.75	-65.66	-13.00	-52.66

Table 7-22. Radiated Spurious Data (LTE Band 13)



Plot 7-74. Radiated Spurious Plot (LTE Band 66/4)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	1720
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.00	V	124	340	-75.04	7.19	39.15	-56.11	-13.00	-43.11
5160.00	H	140	8	-69.31	10.49	48.18	-47.08	-13.00	-34.08
6880.00	V	101	345	-75.84	13.62	44.78	-50.47	-13.00	-37.47
8600.00	H	-	-	-82.68	16.38	40.70	-54.56	-13.00	-41.56
10320.00	H	-	-	-82.66	19.09	43.43	-51.83	-13.00	-38.83
12040.00	H	-	-	-83.48	22.04	45.56	-49.69	-13.00	-36.69

Table 7-23. Radiated Spurious Data (LTE Band 66/4 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1745
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.00	V	314	342	-74.78	6.84	39.06	-56.19	-13.00	-43.19
5235.00	H	150	358	-69.25	10.09	47.84	-47.42	-13.00	-34.42
6980.00	V	102	347	-74.13	13.70	46.57	-48.69	-13.00	-35.69
8725.00	H	-	-	-82.13	16.18	41.05	-54.21	-13.00	-41.21
10470.00	H	132	27	-76.98	19.19	49.21	-46.05	-13.00	-33.05
12215.00	H	-	-	-83.93	22.29	45.36	-49.90	-13.00	-36.90
13960.00	H	-	-	-83.45	26.01	49.56	-45.70	-13.00	-32.70
15705.00	H	-	-	-84.70	28.60	50.90	-44.36	-13.00	-31.36

Table 7-24. Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1770
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	V	351	335	-76.78	7.12	37.34	-57.92	-13.00	-44.92
5310.00	H	103	5	-71.57	10.48	45.91	-49.35	-13.00	-36.35
7080.00	V	101	344	-79.19	13.99	41.80	-53.46	-13.00	-40.46
8850.00	H	-	-	-82.56	16.72	41.16	-54.09	-13.00	-41.09
10620.00	H	106	19	-81.97	19.83	44.86	-50.39	-13.00	-37.39
12390.00	H	-	-	-83.47	22.53	46.06	-49.20	-13.00	-36.20
14160.00	H	-	-	-84.12	26.27	49.15	-46.11	-13.00	-33.11
15930.00	H	-	-	-84.23	28.37	51.14	-44.11	-13.00	-31.11

Table 7-25. Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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7.9 Frequency Stability / Temperature Variation

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 27, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI C63.26-2015 – Section 5.6

Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Test Setup

The EUT was connected via an RF cable to a spectrum analyzer with the EUT placed inside an environmental chamber.

Test Notes

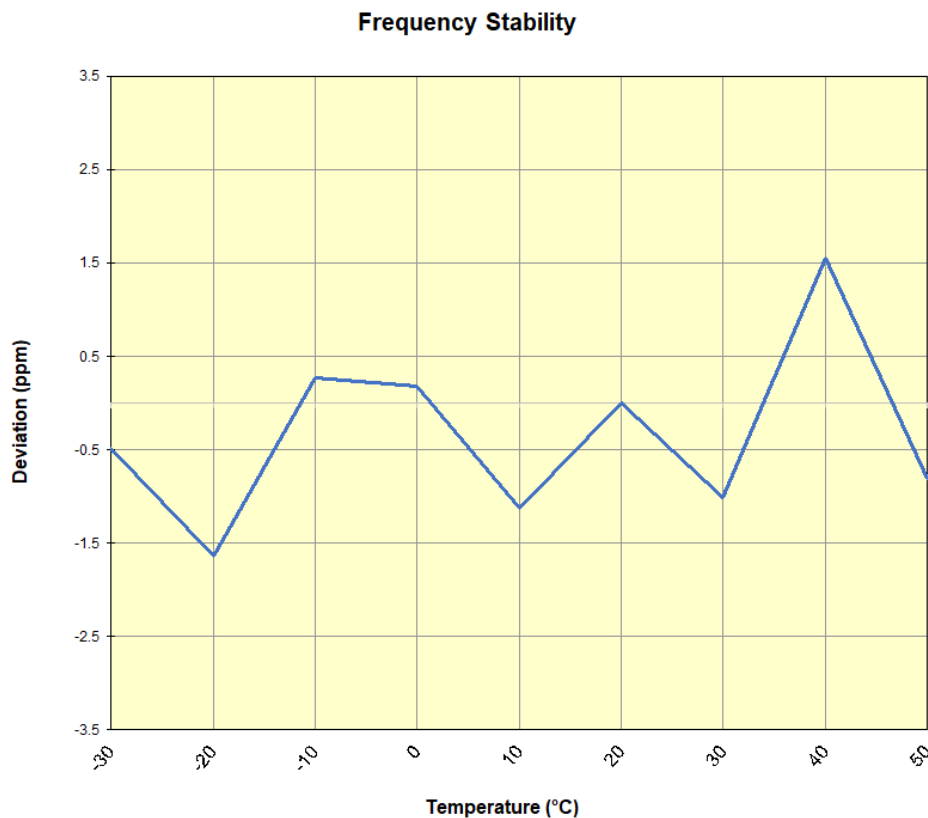
None

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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WCDMA AWS

WCDMA AWS					
		Operating Frequency (Hz):		1,732,600,000	
		Ref. Voltage (VDC):		4.443	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.443	- 30	1,732,588,472	-852	-0.0000492
		- 20	1,732,586,486	-2,838	-0.0001638
		- 10	1,732,589,788	464	0.0000268
		0	1,732,589,641	317	0.0000183
		+ 10	1,732,587,376	-1,948	-0.0001124
		+ 20 (Ref)	1,732,589,324	0	0.0000000
		+ 30	1,732,587,580	-1,744	-0.0001007
		+ 40	1,732,592,001	2,677	0.0001545
		+ 50	1,732,587,926	-1,398	-0.0000807
Battery Endpoint	3.644	+ 20	1,732,586,230	-3,094	-0.0001786

Table 7-26. WCDMA AWS Frequency Stability Data



Plot 7-75. WCDMA AWS Frequency Stability Chart

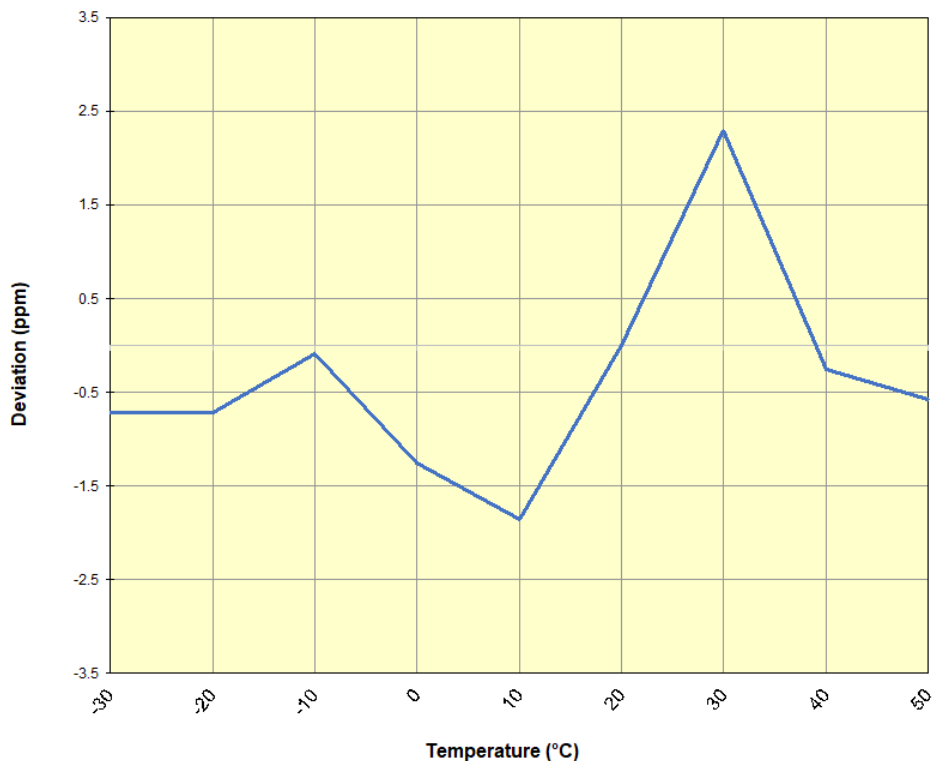
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 79 of 83

LTE Band 12/17

LTE Band 12/17					
		Operating Frequency (Hz):		707,500,000	
		Ref. Voltage (VDC):		4.443	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.443	- 30	707,590,078	-511	-0.0000722
		- 20	707,590,081	-508	-0.0000718
		- 10	707,590,525	-64	-0.0000090
		0	707,589,705	-884	-0.0001249
		+ 10	707,589,275	-1,314	-0.0001857
		+ 20 (Ref)	707,590,589	0	0.0000000
		+ 30	707,592,213	1,624	0.0002295
		+ 40	707,590,412	-177	-0.0000250
		+ 50	707,590,179	-410	-0.0000579
Battery Endpoint	3.644	+ 20	707,589,330	-1,259	-0.0001779

Table 7-27. LTE Band 12/17 Frequency Stability Data

Frequency Stability



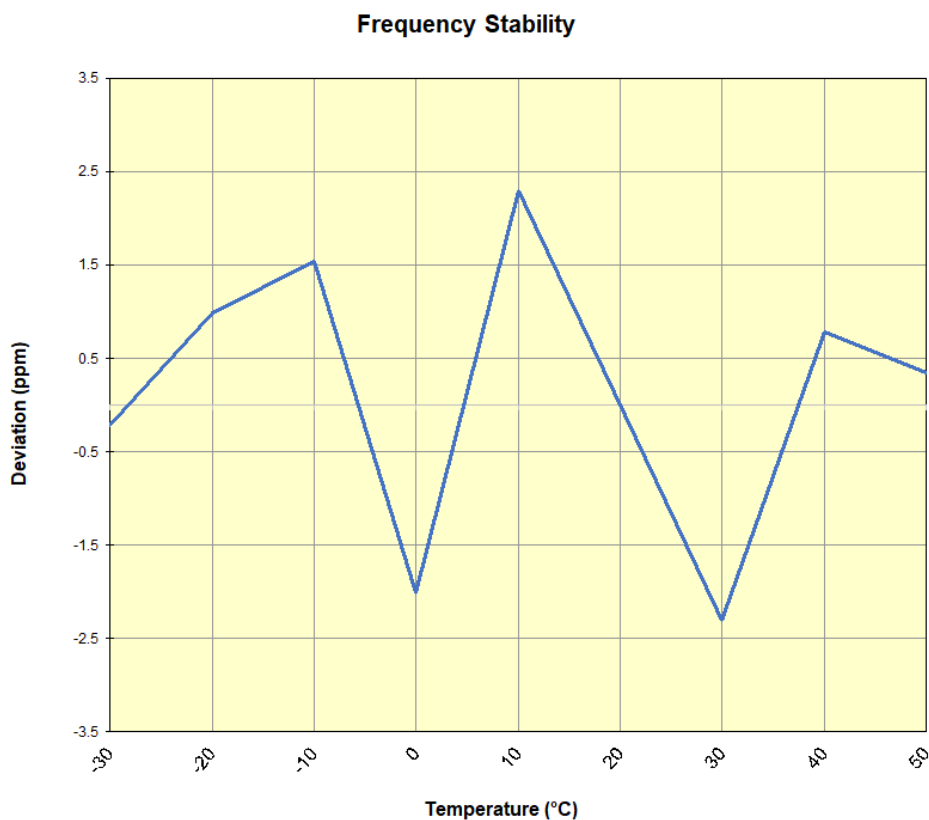
Plot 7-76. LTE Band 12/17 Frequency Stability Chart

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 80 of 83

LTE Band 13

LTE Band 13					
		Operating Frequency (Hz):		782,000,000	
		Ref. Voltage (VDC):		4.443	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.443	- 30	782,090,844	-168	-0.0000215
		- 20	782,091,786	774	0.0000990
		- 10	782,092,219	1,207	0.0001543
		0	782,089,437	-1,575	-0.0002014
		+ 10	782,092,811	1,799	0.0002300
		+ 20 (Ref)	782,091,012	0	0.0000000
		+ 30	782,089,209	-1,803	-0.0002305
		+ 40	782,091,628	616	0.0000788
		+ 50	782,091,284	272	0.0000348
Battery Endpoint	3.644	+ 20	782,091,883	871	0.0001114

Table 7-28. LTE Band 13 Frequency Stability Data



Plot 7-77. LTE Band 13 Frequency Stability Chart

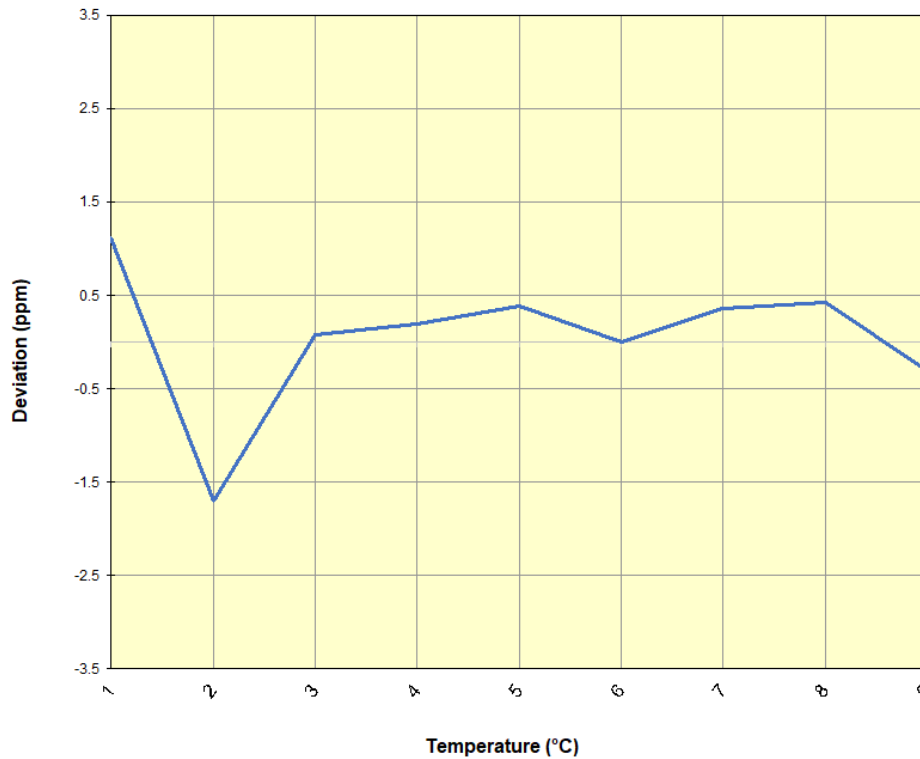
FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 81 of 83

LTE Band 66/4

LTE Band 66/4					
		Operating Frequency (Hz):		1,745,000,000	
		Ref. Voltage (VDC):		4.443	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.443	- 30	1,745,091,476	1,954	0.0001120
		- 20	1,745,086,552	-2,970	-0.0001702
		- 10	1,745,089,648	126	0.0000072
		0	1,745,089,868	346	0.0000198
		+ 10	1,745,090,187	665	0.0000381
		+ 20 (Ref)	1,745,089,522	0	0.0000000
		+ 30	1,745,090,158	636	0.0000364
		+ 40	1,745,090,250	728	0.0000417
		+ 50	1,745,088,990	-532	-0.0000305
Battery Endpoint	3.644	+ 20	1,745,090,124	602	0.0000345

Table 7-29. LTE Band 66/4 Frequency Stability Data

Frequency Stability



Plot 7-78. LTE Band 66/4 Frequency Stability Chart

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 82 of 83

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMA185G** complies with all the requirements of Part 27 of the FCC rules.

- END OF TEST REPORT -

FCC ID: A3LSMA185G		Test Dates: 7/8/2026 - 7/27/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2607060061-03.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 83 of 83