NVLAP TESTING
NVLAP LAB CODE 600341-0

BACL Bay Area Compliance Labs Corp.

TEST REPORT

Applicant:	**TECNO MOBILITY LIMITED**
Address:	**FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG**
Product Name:	**Mobile Phone**
FCC ID:	**2ADYY-LK7**
Standard(s):	**47 CFR Part 96.47 KDB 940660 D01 Part 96 CBRS Eqpt v03r01 WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification WINNF-18-IN-00178 CBRS End User Device as UUT Test Guidelines**
Report Number:	**2602R09298E-RF-00K**
Report Date:	**2026/4/28**

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Reviewed By:	**Alice Tan**
Title:	RF Engineer
Approved By:	**Pedro Yun**
Title:	RF Supervisor

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2602R09298E-RF-00K	Original Report	2026/4/28

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

EUT Name:	Mobile Phone
EUT Model:	LK7
Operation Bands and modes:	5G NR n77/n78: 3550-3700MHz
Rated Input Voltage:	DC 3.92V from Battery or DC 9V from Adapter
Serial Number:	3J02-1
EUT Received Date:	2026/3/27
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	TECNO MOBILITY LIMITED	U45TSB	Input: AC 100~240V,50/60Hz, 1.8A Output: DC 5V 3A 15W or 5-10V 4.5A or 11V 4.1A 45W MAX

1.3 Equipment Modifications

No modifications are made to the EUT during all test items.

1.4 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

1.5 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
RF output power, conducted	±0.55 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
RF Frequency	$\pm 0.076\times10^{-6}$

2. DESCRIPTION OF TEST CONFIGURATION

2.1 Applicable Standard

FCC §96.47
(a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.

(1) An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

(b) Any device operated at higher power than specified for End User Devices in § 96.41 will be classified as, and subject to, the operational requirements of a CBSD.

2.2 Test Procedure

Following procedure can be done by applying WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification, use the certified base station CBSD(FCC ID: 2AG32BSC7048A243) as companion device to show compliance with Part 96.47 requirement for End user device (EUD):

a) Setup with frequency 3600MHz and power level 10.59dBm;

b) Enable CBSD service with n77;

c) Check EUD Tx Frequency and power;

d) Disable CBSD service;

e)Check EUD stops transmission within 10 seconds;

f) Setup with frequency 3675MHz and power level -0.54dBm;

g) Enable CBSD service with n78;

h) Repeat steps a) to e);

2.3 EUT Operation Condition:

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

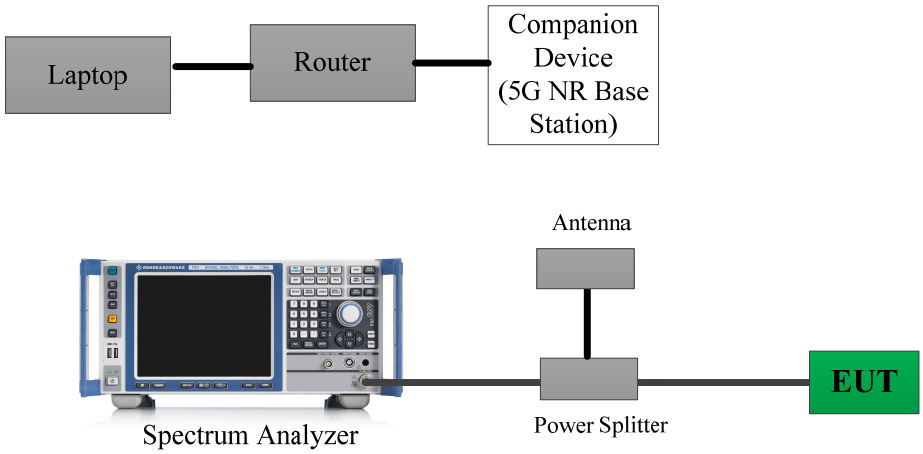
2.4 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Baicells Technologies Co.,Ltd.	5G NR Base Station	BSC7048A243	BSC7048A243
Lenovo	Laptop	E480	PF-1QQYYP 19/06
ZIONCOM	Router	MB-R210-00	EMZBWR21103001

2.5 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	No	No	1.5	Router	Laptop
RJ45 Cable	No	No	1.5	Router	5G NR Base Station

2.6 Block Diagram of Test Setup



2.7 Test data

Serial Number:	3J02-1	Test Date:	2026/4/2
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (℃)	24.3	Relative Humidity: (%)	42	ATM Pressure: (kPa)	100.7

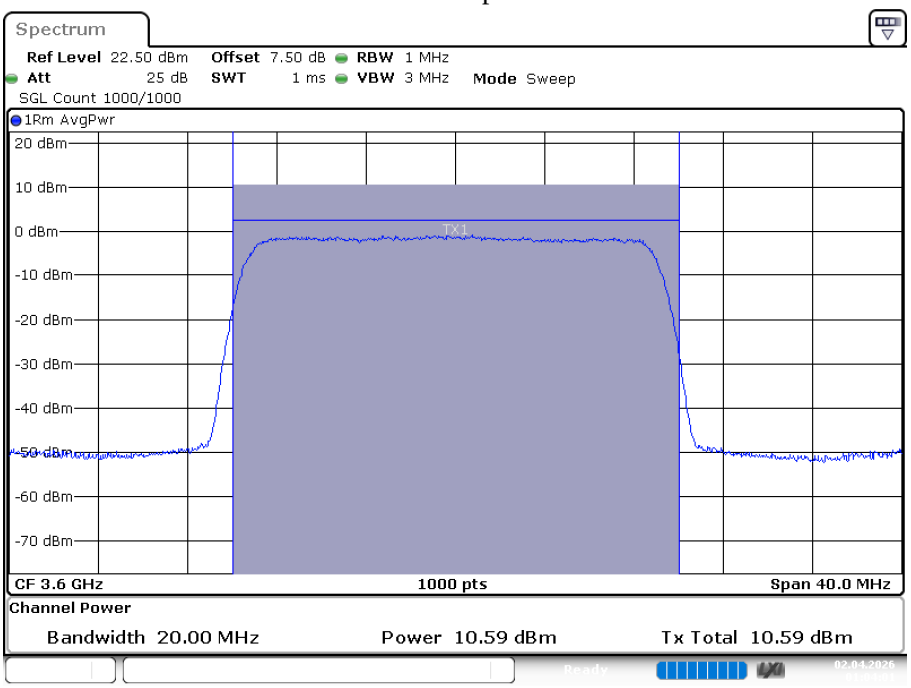
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2025/7/28	2026/7/27
Micro-Coax	Coaxial Cable	UFB205A	323308-018	2025/6/1	2026/5/31
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2026/2/24	2027/2/23
AH	Horn Antenna	SAS-571	1177	2026/1/22	2029/1/21

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

N77/N78:

3600MHz-Operation



ProjectNo.:2602R09298E-RF Tester:Loge Long

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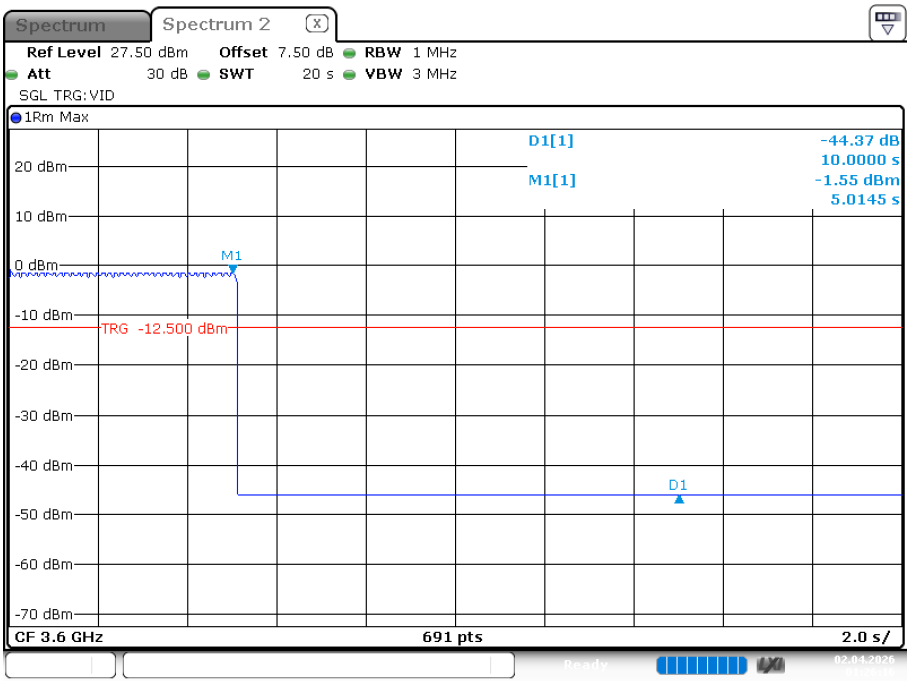
3600MHz-Stop operation in 10s



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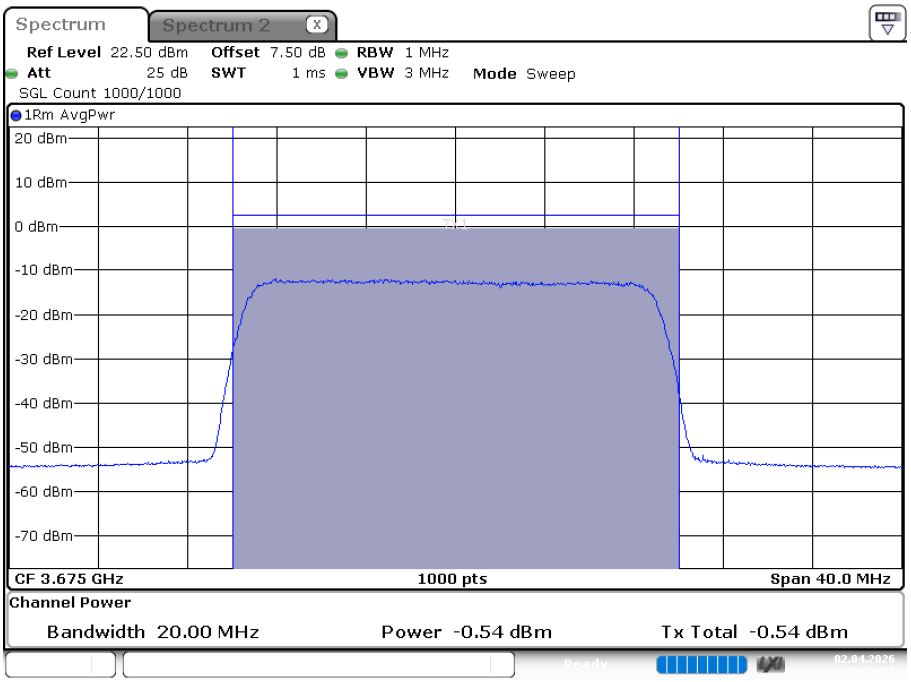
3675MHz-Operation



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3675MHz-Stop operation in 10s

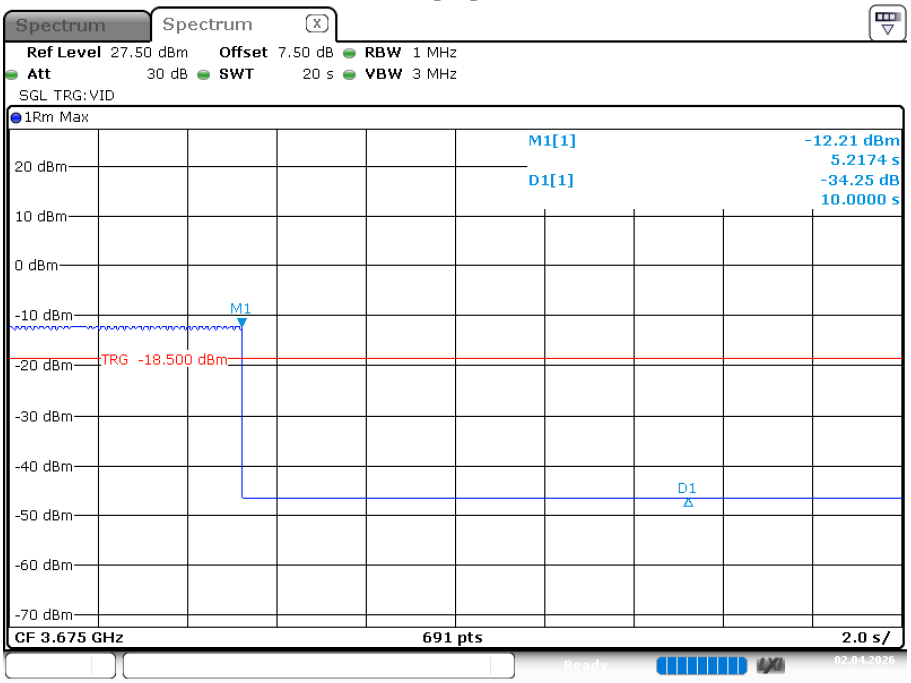

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EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2602R09298E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2602R09298E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2602R09298E-RF-00K-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******