

TEST REPORT

Applicant: MYAVRO LIMITED

Address: 50a London Street Reading Berkshire RG1 4SQ United Kingdom

Product Name: 5G digital mobile smartphone

FCC ID: 2BU6A-A1

47 CFR Part 96.47
KDB 940660 D01 Part 96 CBRS Eqpt v03r01
Standard(s): WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification
WINNF-18-IN-00178 CBRS End User Device as UUT Test
Guidelines

Report Number: 2602P41234E-RF-00L

Report Date: 2026/3/19

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

Alice Tan

Pedro Yun

Reviewed By: Alice Tan

Approved By: Pedro Yun

Title: RF Engineer

Title: RF Supervisor

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888

Fax: +86-769-86858891

www.baclcorp.com.cn

Note: The information marked ▲ is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report cannot be reproduced except in full, without prior written approval of the Company. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. This report may contain data that are not covered by the accreditation scope and shall be marked with ★. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Each test item follows the test standard(s) without deviation.

CONTENTS

DOCUMENT REVISION HISTORY3

1. GENERAL INFORMATION4

 1.1 GENERAL DESCRIPTION OF EQUIPMENT UNDER TEST4

 1.2 ACCESSORY INFORMATION4

 1.3 EQUIPMENT MODIFICATIONS4

 1.4 TEST FACILITY4

 1.5 MEASUREMENT UNCERTAINTY4

2. DESCRIPTION OF TEST CONFIGURATION5

 2.1 APPLICABLE STANDARD5

 2.2 TEST PROCEDURE5

 2.3 EUT OPERATION CONDITION:5

 2.4 SUPPORT EQUIPMENT LIST AND DETAILS6

 2.5 SUPPORT CABLE LIST AND DETAILS6

 2.6 BLOCK DIAGRAM OF TEST SETUP6

 2.7 TEST DATA7

EXHIBIT A - EUT PHOTOGRAPHS10

EXHIBIT B - TEST SETUP PHOTOGRAPHS11

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2602P41234E-RF-00L	Original Report	2026/3/19

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

EUT Name:	5G digital mobile smartphone
EUT Model:	myAvro A1
Operation Bands and modes:	5G NR n77/n78: 3550-3700MHz
Rated Input Voltage:	3.88Vdc from battery or 5-9Vdc from adapter
Serial Number:	3FXP-2
EUT Received Date:	2026/1/10
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	Jiangsu Chenyang Electron Co.,Ltd.	CK20W01US	Input: 100-240Vac 50/60Hz 0.7A Output: 5.0Vdc 3A /9Vdc 2.22A /12Vdc 1.67A /5-11Vdc 1.81A

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	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 0.4\%$
RF Frequency	$\pm 0.076 \times 10^{-6}$

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 10.21dBm;
- 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 -0.52dBm;
- 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.

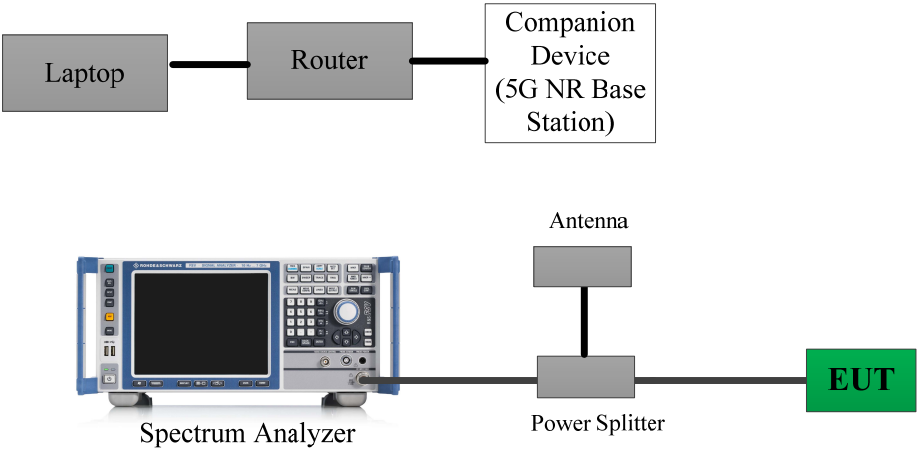
2.4 Support Equipment List and Details

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:	3FXP-2	Test Date:	2026/3/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Fermin Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.9	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101
----------------------	------	---------------------------	----	------------------------	-----

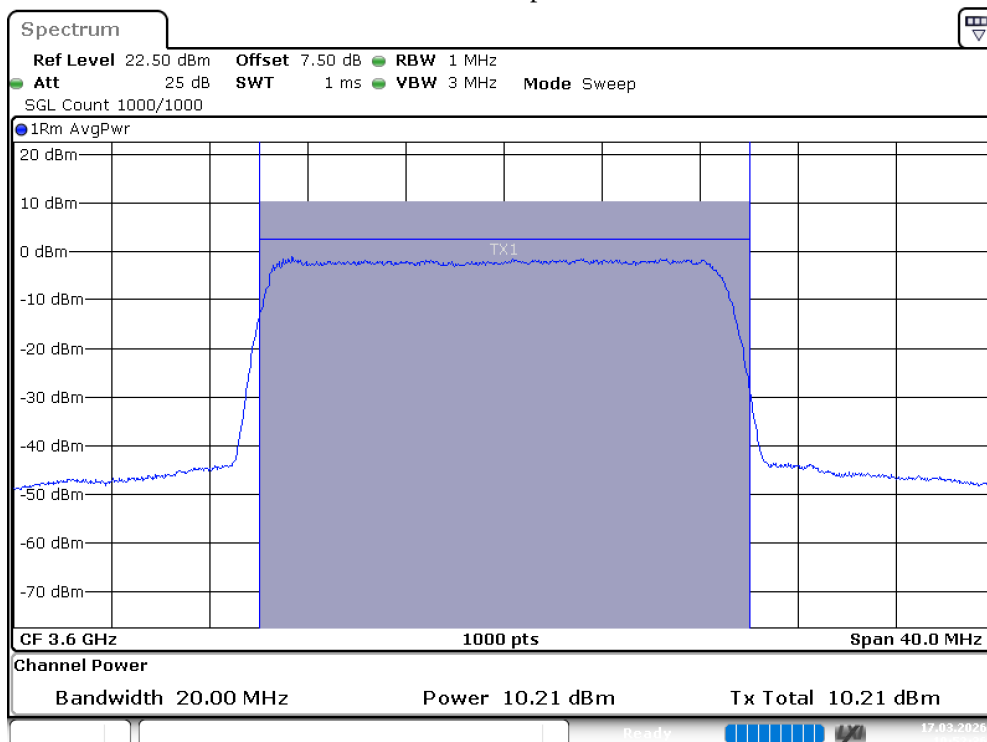
Test Equipment List and Details:

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:

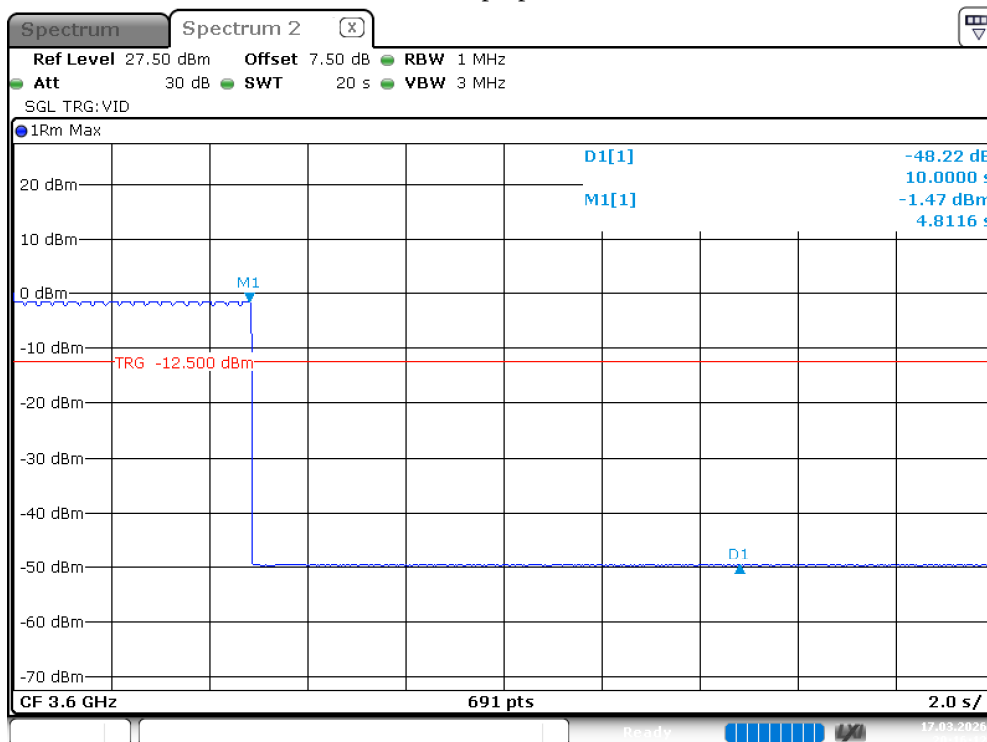
3600MHz-Operation



ProjectNo.:2602P41234E-RF Tester:Fermin Fu

Date: 17.MAR.2026 19:52:36

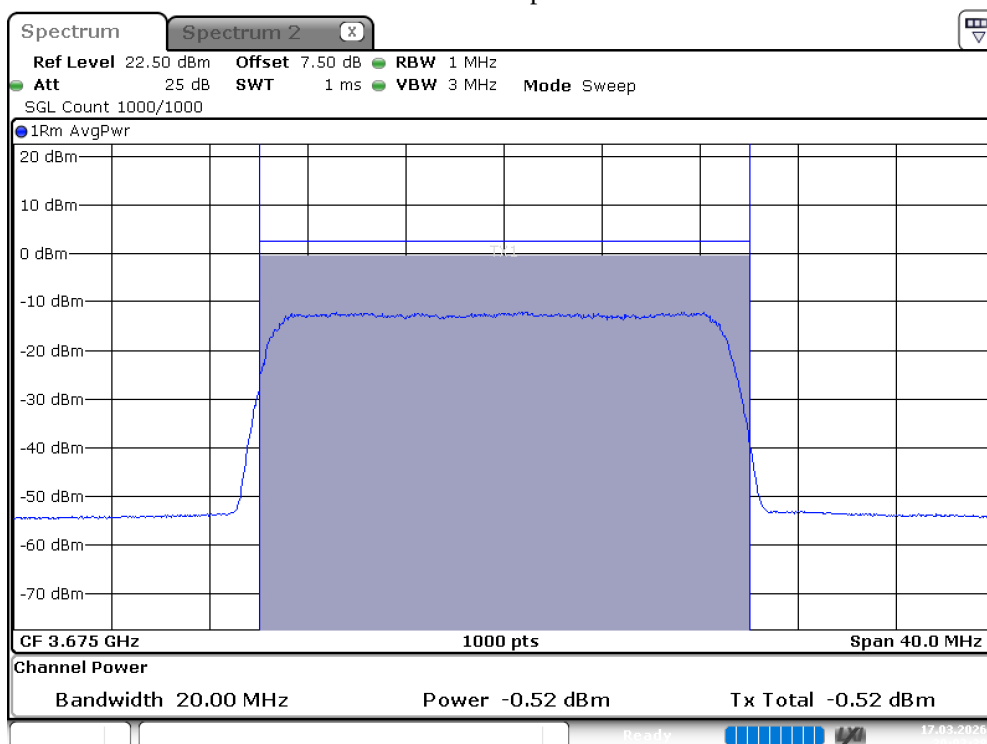
3600MHz-Stop operation in 10s



ProjectNo.:2602P41234E-RF Tester:Fermin Fu

Date: 17.MAR.2026 20:16:12

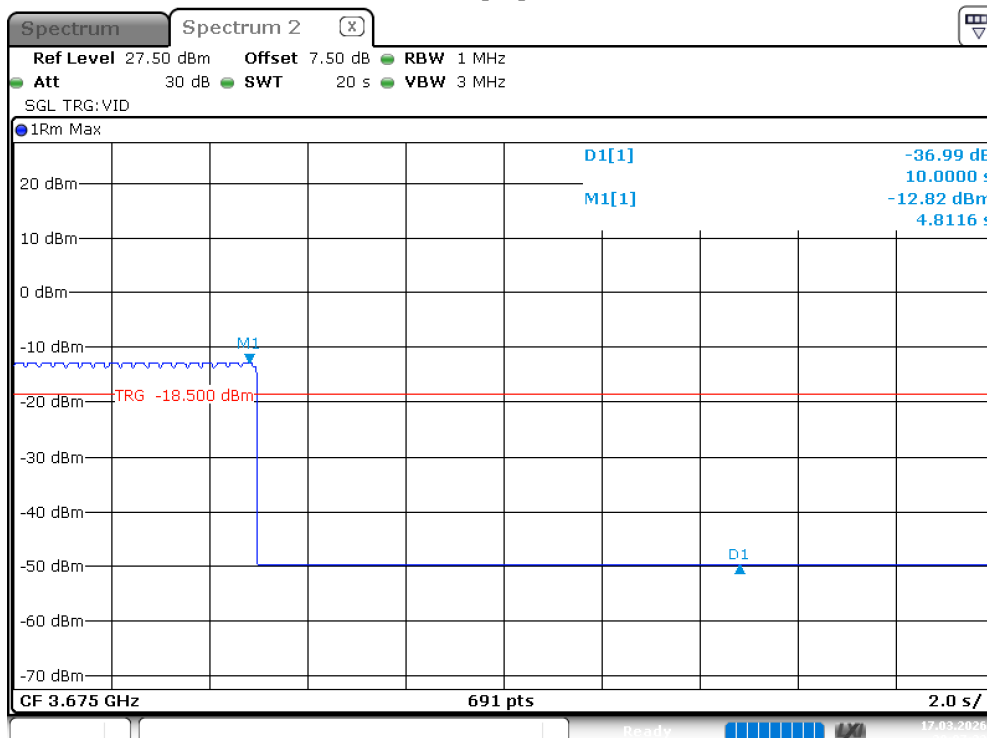
3675MHz-Operation



ProjectNo.:2602P41234E-RF Tester:Fermin Fu

Date: 17.MAR.2026 20:02:28

3675MHz-Stop operation in 10s



ProjectNo.:2602P41234E-RF Tester:Fermin Fu

Date: 17.MAR.2026 20:07:24

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2602P41234E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2602P41234E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2602P41234E-RF-00L-TSP TEST SETUP PHOTOGRAPHS.

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