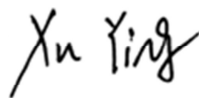


RF TEST REPORT

Applicant UCLOUDLINK (SINGAPORE) PTE.LTD
FCC ID 2BB6E-GLMU24A03
Product 5G Wireless Data Terminal
Brand GlocalMe
Model GLMU24A03
Report No. EFTA25110146-IE-10-R6V1
Issue Date May 13, 2026

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR 47 Part 25**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	April 16, 2026
Rev.1	Update description.	May 13, 2026
Note: This revised report (Report No.: EFTA25110146-IE-10-R6V1) supersedes and replaces the previously issued report (Report No.: EFTA25110146-IE-10-R6). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of Measurement Results

Test Case	Clause in FCC rules	Limits	Verdict
NTN Bnad 23/255			
Effective (Isotropic) Radiated Output PowerData	2.1046 25.204	ERP ≤ 40dBW	PASS ^{Note 4}
Bandwidth	Refer to the Module report(Report No.: SZCR260300093801; FCC ID: 2BVGXXS6620N-LS, Grant date: 04/15/2026)		
Emission limitations.			
Conducted Spurious emissions			
Frequency Stability			
Additional unwantedemission limits for MESS			
Field strength of spurious radiation	2.1053 25.102 (f) (3)	In any 4 kHz band, the center frequency of which is removed from the assigned frequency by more than 250 percent of the authorized bandwidth: An amount equal to 43 dB plus 10 times the logarithm (to the base 10) of the transmitter power in watts	PASS
Date of Testing: December 6, 2025 ~ February 2, 2026			
Date of Sample Received: November 24, 2025			
Note: - PASS: The EUT complies with the essential requirements in the standard. - FAIL: The EUT does not comply with the essential requirements in the standard. - All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. - Because of the change of antenna gain, ERP/EIRP need to be re-evaluated.			

1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

Company:	Eurofins TA Technology (Shanghai) Co., Ltd.
Address:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City:	Shanghai
Post code:	201201
Country:	P. R. China
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Website:	https://www.eurofins.com/electrical-and-electronics
E-mail:	Kain.Xu@cpt.eurofinscn.com

2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	UCCLOUDLINK (SINGAPORE) PTE.LTD
Applicant address	80 ROBINSON ROAD #02-00 SINGAPORE
Manufacturer	UCCLOUDLINK (SINGAPORE) PTE.LTD
Manufacturer address	80 ROBINSON ROAD #02-00 SINGAPORE

2.2 General information

EUT Description				
Model	GLMU24A03			
IMEI	Radiated	353052220006625		
Hardware Version	V1.01			
Software Version	G50_TSV1.0.004.001.260120_024121_user_QFIL			
Power Supply	Battery / AC adapter			
Antenna Type	PIFA Antenna			
Rated Power Supply Voltage	3.87VDC			
Operating Voltage	Minimum: 3.6VDC		Maximum: 4.4VDC	
Operating Temperature	Lowest: -20℃		Highest: +50℃	
Testing Temperature	Lowest: -30℃		Highest: +50℃	
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)	Gain (dBi)
	NTN Band 23	2000 ~ 2020	2180 ~ 2200	2.63
	NTN Band 255	1626.5 ~ 1660.5	1525 ~ 1559	2.24
Test Modulation	BPSK, QPSK;			
Sub-carrier spacing	3.75KHz, 15KHz			
Nominated Bandwidth	200KHz			
Maximum E.I.R.P./ E.R.P.	NTN Band 23	23.46 dBm		
	NTN Band 255	23.97 dBm		
EUT Accessory				
USB Cable	Manufacturer: Shenzhen Fukangyuan Hardware Electronics Co., LTD Model: FKY-23-112			
Battery	Manufacturer: Jiade Energy Technology (Zhuhai) Co., Ltd. Model: U50P			
Note:				
1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.				

3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

FCC CFR 47 Part 25 (2025)

Reference standard:

FCC CFR47 Part 2 (2025)

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

4 Test Configuration

All mode and data rates and positions and RB size and modulations were investigated.

Subsequently, only the worst case emissions are reported.

The following testing in different Bandwidth is set to detail in the following table:

Test modes are chosen to be reported as the worst case configuration below for NTN Band:

Test items	Mode	Subcarrier Spacing (kHz)		Modulation		Test Channel		
		3.75	15	BPSK	QPSK	L	M	H
Effective (Isotropic) Radiated Output PowerData	Band 23	O	O	O	O	O	O	O
	Band 255	O	O	O	O	O	O	O
Field strength of spurious radiation	Band 23	-	O	-	O	-	O	-
	Band 255	-	O	-	O	-	O	-
Note 1. The mark "O" means that this configuration is chosen for testing. 2. The mark "-" means that this configuration is not testing.								

5 Test Case Results

5.1 Effective (Isotropic) Radiated Output PowerData

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

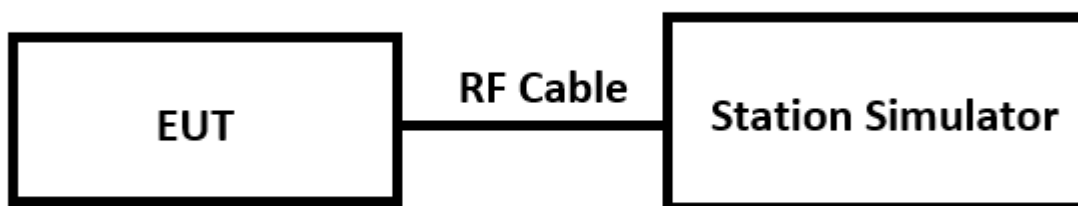
During the process of the testing, The EUT was connected to the Station Simulator with a known loss. The EUT is controlled by the Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

$\text{EIRP (dBm)} = \text{Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$\text{EIRP (dBm)} = \text{ERP (dBm)} + 2.15 \text{ (dB.)}$

Test Setup



Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 2$, $U=0.4$ dB for RF power output, $k = 2$, $U= 1.19$ dB for ERP/EIRP.

Test Results

Band 23 SCS 15kHz					
Modulation	Frequency (MHz)	Ntones	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)
QPSK	2000.1	12@0	19.81	2.63	22.44
QPSK		1@0	20.74	2.63	23.37
QPSK		1@11	20.83	2.63	23.46
BPSK		1@0	20.13	2.63	22.76
BPSK		1@11	20.42	2.63	23.05
QPSK	2010	12@0	19.94	2.63	22.57
QPSK		1@0	20.20	2.63	22.83
QPSK		1@11	20.41	2.63	23.04
BPSK		1@0	20.18	2.63	22.81
BPSK		1@11	20.29	2.63	22.92
QPSK	2019.9	12@0	19.79	2.63	22.42
QPSK		1@0	20.37	2.63	23.00
QPSK		1@11	20.26	2.63	22.89
BPSK		1@0	20.48	2.63	23.11
BPSK		1@11	20.31	2.63	22.94
Band 23 SCS 3.75kHz					
Modulation	Frequency (MHz)	Ntones	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)
QPSK	2000.1	1@0	20.38	2.63	23.01
QPSK		1@47	20.31	2.63	22.94
BPSK		1@0	20.49	2.63	23.12
BPSK		1@47	20.16	2.63	22.79
QPSK	2010	1@0	20.35	2.63	22.98
QPSK		1@47	20.28	2.63	22.91
BPSK		1@0	20.36	2.63	22.99
BPSK		1@47	20.32	2.63	22.95
QPSK	2019.9	1@0	20.37	2.63	23.00
QPSK		1@47	20.29	2.63	22.92
BPSK		1@0	20.13	2.63	22.76
BPSK		1@47	20.40	2.63	23.03

Band 255 SCS 15kHz					
Modulation	Frequency (MHz)	Ntones	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)
QPSK	1626.6	12@0	20.47	2.24	22.71
QPSK		1@0	21.15	2.24	23.39
QPSK		1@11	21.62	2.24	23.86
BPSK		1@0	20.83	2.24	23.07
BPSK		1@11	21.64	2.24	23.88
QPSK	1643.5	12@0	21.24	2.24	23.48
QPSK		1@0	21.03	2.24	23.27
QPSK		1@11	21.24	2.24	23.48
BPSK		1@0	21.34	2.24	23.58
BPSK		1@11	21.57	2.24	23.81
QPSK	1660.4	12@0	21.03	2.24	23.27
QPSK		1@0	21.24	2.24	23.48
QPSK		1@11	21.02	2.24	23.26
BPSK		1@0	21.73	2.24	23.97
BPSK		1@11	21.53	2.24	23.77
Band 255 SCS 3.75kHz					
Modulation	Frequency (MHz)	Ntones	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)
QPSK	1626.6	1@0	21.28	2.24	23.52
QPSK		1@47	21.20	2.24	23.44
BPSK		1@0	21.33	2.24	23.57
BPSK		1@47	21.36	2.24	23.60
QPSK	1643.5	1@0	21.47	2.24	23.71
QPSK		1@47	21.05	2.24	23.29
BPSK		1@0	21.36	2.24	23.60
BPSK		1@47	21.47	2.24	23.71
QPSK	1660.4	1@0	21.17	2.24	23.41
QPSK		1@47	21.06	2.24	23.30
BPSK		1@0	21.02	2.24	23.26
BPSK		1@47	21.67	2.24	23.91

5.2 Field strength of spurious radiation

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=100kHz, VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, and the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl), the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:

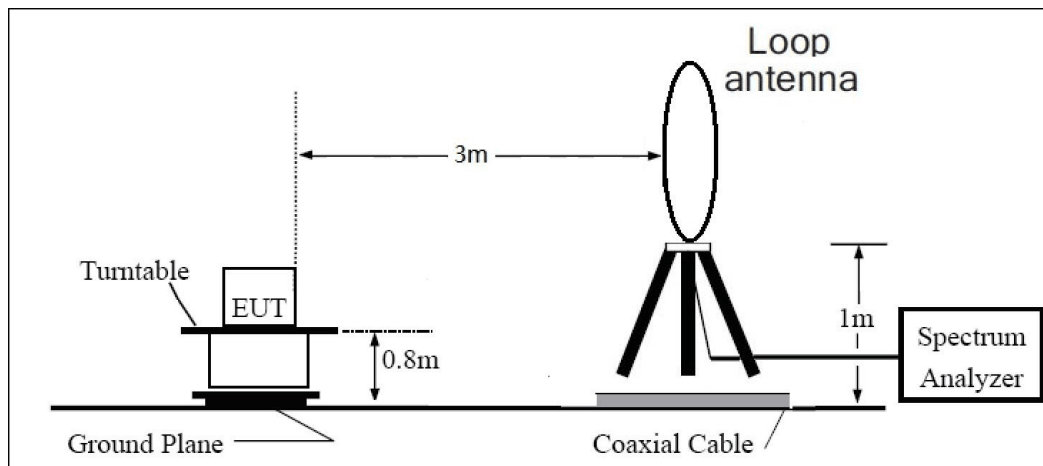
$$\text{Power(EIRP)} = \text{PMea} - \text{PAg} - \text{Pcl} + \text{Ga}$$
The measurement results are amend as described below:

$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

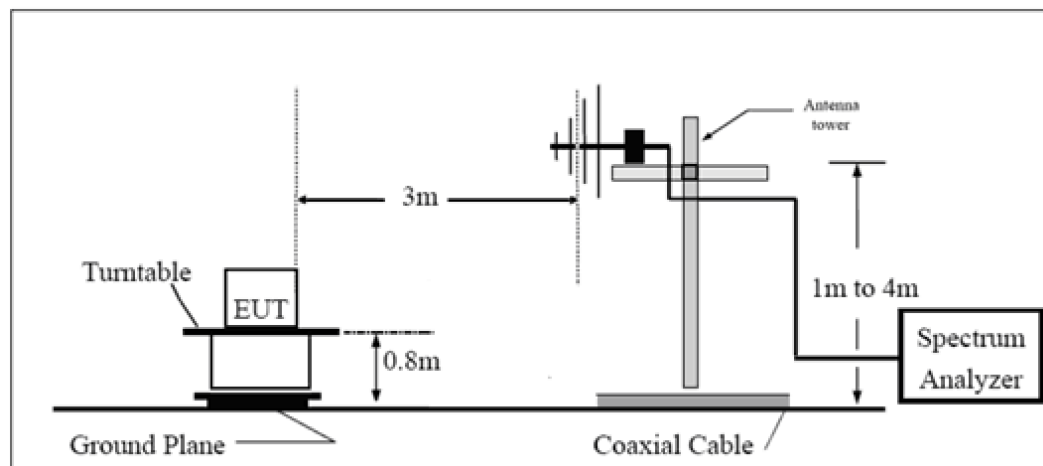
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

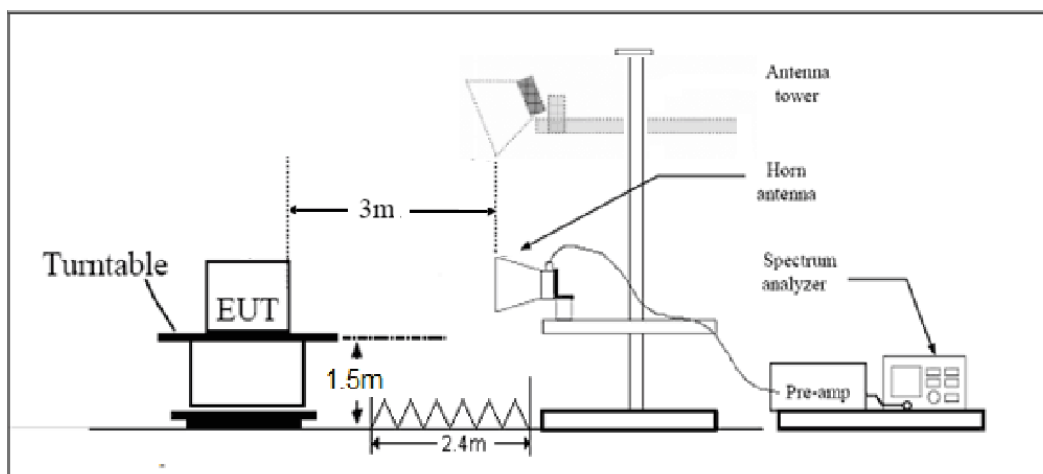
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = \pm 1.96$, $U = \pm 3.55$ dB.

Test Results

The detailed test data see EFTA25110146-IE-10-R6-ANNEX A Test Result

6 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2025-11-24	2026-11-23
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1439	2024-07-06	2027-07-05
Horn Antenna	SCHWARZBECK	BBHA 9120D	1594	2023-12-05	2026-12-04
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2023-01-17	2026-01-16
Software	R&S	EMC32	10.35.10	/	/

7 The EUT Appearance

Refer to *EUT Appearance*.

8 Test Setup Photos

Refer to *Part25 Test Setup*.

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