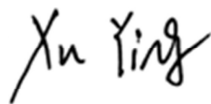


RF TEST REPORT

Applicant Positec Technology (China) Co., Ltd.
FCC ID 2ASC3WA0935
Product Anti-Theft GPS Tracker
Brand WORX
Model WA0935
Report No. EFTA25120110-IE-06-R1
Issue Date March 19, 2026

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR 47 Part 22H / FCC CFR 47 Part 24E**. 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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TABLE OF CONTENT

1	Test Laboratory	4
1.1	Notes of the Test Report.....	4
1.2.	Test facility	4
1.3	Testing Location.....	4
2	General Description of Equipment under Test	5
2.1	Applicant and Manufacturer Information	5
2.2	General information	5
3	Applied Standards	6
4	Test Case.....	7
4.1	RF Power Output and Effective Isotropic Radiated Power	7
4.2	Radiated Spurious Emission	8
5	Test Results	11
5.1	RF Power Output and Effective Isotropic Radiated Power	11
5.2	Radiated Spurious Emission	12
6	Main Test Instruments	13
7	The EUT Appearance	14
8	Test Setup Photos	15

Summary of Measurement Results

Test Case	Clause in FCC rules	Limits	Verdict
GSM 850			
RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5)	$\leq 7 \text{ W (38.45 dBm)}$	PASS Note 1
Occupied Bandwidth	Refer to the Module report (Model: BG95-M3; Report No.: R1907A0446-R1V1(Issue Date: September 25, 2019); FCC ID: XMR201910BG95M3, Grant date: 03/11/2021)		
Band Edge Compliance			
Peak-to-Average Power Ratio			
Frequency Stability			
Spurious Emissions at Antenna Terminals			
Radiated Spurious Emission	2.1053 22.917 (a)	$\leq -13 \text{ dBm}$	PASS
GSM 1900			
RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	$\leq 2 \text{ W (33 dBm)}$	PASS Note 1
Occupied Bandwidth	Refer to the Module report (Model: BG95-M3; Report No.: R1907A0446-R2(Issue Date: September 11, 2019); FCC ID: XMR201910BG95M3, Grant date: 03/11/2021)		
Band Edge Compliance			
Peak-to-Average Power Ratio			
Frequency Stability			
Spurious Emissions at Antenna Terminals			
Radiated Spurious Emission	2.1053 24.238(a)	$\leq -13 \text{ dBm}$	PASS
Date of Testing: December 30, 2025 ~ December 31, 2025			
Date of Sample Received: December 8, 2025			
1. Because of the change of antenna gain, ERP/EIRP need to be re-evaluated. 2. 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.			

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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E-mail: Kain.Xu@cpt.eurofinscn.com

2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	Positec Technology (China) Co., Ltd.
Applicant address	18, Dongwang Road, Suzhou Industrial Park, Jiangsu 215123, P.R.China
Manufacturer	Positec Technology (China) Co., Ltd.
Manufacturer address	18, Dongwang Road, Suzhou Industrial Park, Jiangsu 215123, P.R.China

2.2 General information

EUT Description				
Model	WA0935			
Lab internal SN	251208-01-007			
Hardware Version	PLS104.1.05			
Software Version	1.10b13			
Power Supply	Battery			
Antenna Type	Internal Antenna			
Rated Power Supply Voltage	5.0VDC			
Operating Voltage	Minimum: 4.75VDC Maximum: 5.25VDC			
Operating Temperature	Lowest: -10°C Highest: +55°C			
Testing Temperature	Lowest: -30°C Highest: +50°C			
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)	Gain (dBi)
	GSM850	824 ~ 849	869 ~ 894	-9.40
	GSM1900	1850 ~ 1910	1930 ~ 1990	0.77
Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK;			
GPRS Multislot Class	33			
EGPRS Multislot Class	33			
Power Class	GSM 850: 4 GSM 1900: 1			
Maximum E.I.R.P./ E.R.P.	GSM850	20.69 dBm		
	GSM1900	30.60 dBm		
EUT Accessory				
Battery	Manufacturer: Positec Technology (China) Co., Ltd. Model: 1S2PBL1450-0.9			
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 22H (2025)

FCC CFR 47 Part 24E (2025)

Reference standard:

FCC CFR47 Part 2 (2025)

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

4 Test Case

4.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

Temperature	Relative humidity	Pressure
25°C	57%	101.3 kPa

Methods of Measurement

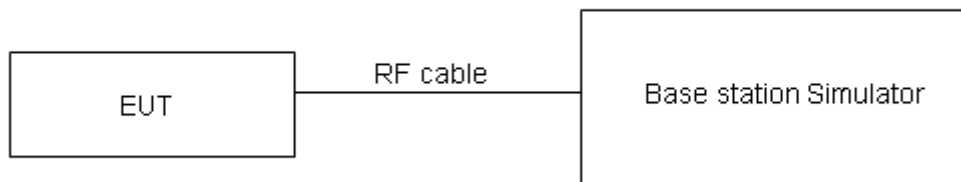
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

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

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

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.

4.2 Radiated Spurious Emission

Ambient condition

Temperature	Relative humidity	Pressure
25°C	57%	101.3 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:

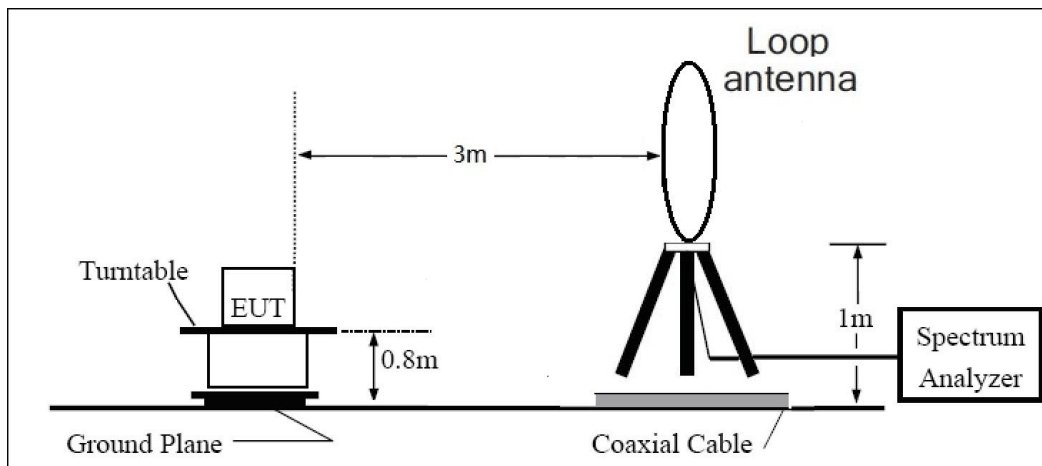
$$\text{Power(EIRP)} = \text{PMea} - \text{PAg} - \text{Pcl} + \text{Ga}$$
The measurement results are amend as described below:

$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
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, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

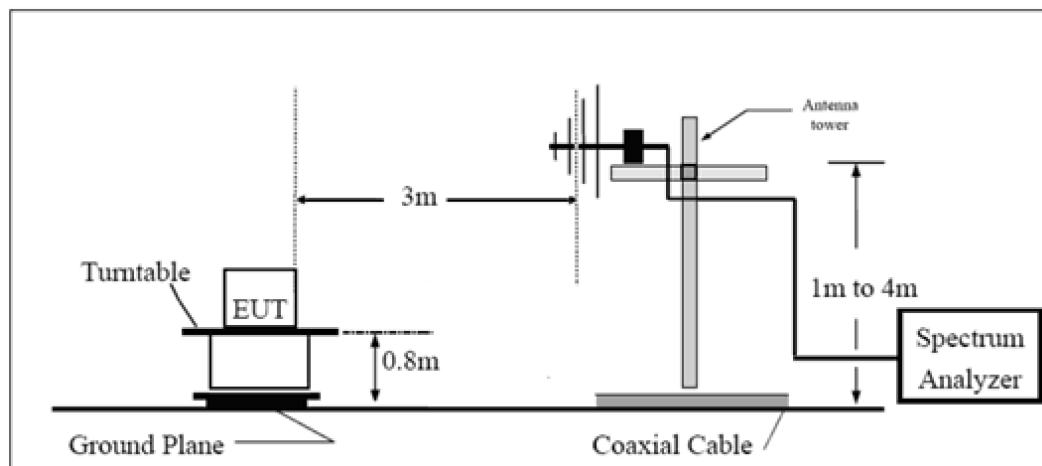
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

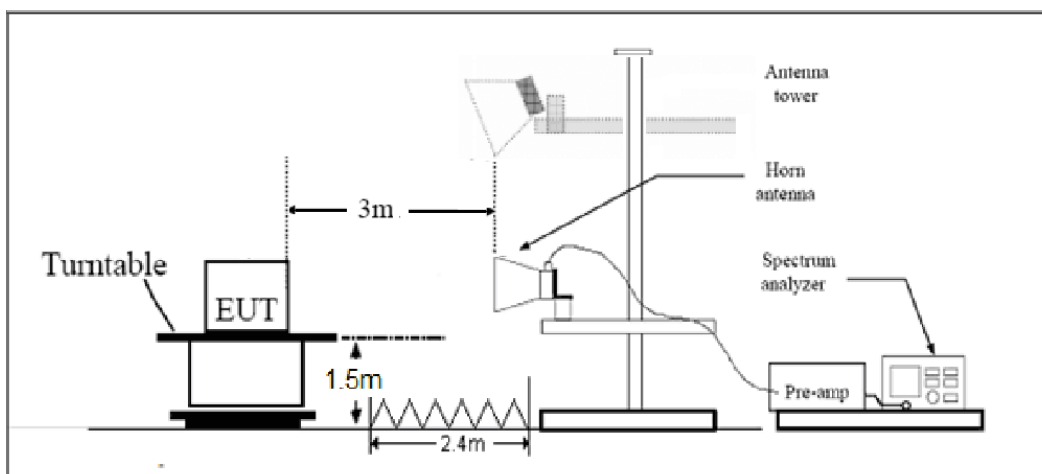
9KHz~ 30MHz



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.

5 Test Results

5.1 RF Power Output and Effective Isotropic Radiated Power

GSM 850		Maximum Output Power (dBm)			ERP (dBm)		
		Channel/Frequency(MHz)			Channel/Frequency(MHz)		
		128/824.2	190/836.6	251/848.8	128/824.2	190/836.6	251/848.8
GSM		32.13	32.20	32.24	20.58	20.65	20.69
GPRS (GMSK)	1 Tx Slot	32.20	32.05	32.07	20.65	20.50	20.52
	2 Tx Slots	31.05	31.10	31.12	19.50	19.55	19.57
	3 Tx Slots	29.51	29.10	29.14	17.96	17.55	17.59
	4 Tx Slots	27.97	28.10	28.13	16.42	16.55	16.58
EGPRS (8PSK)	1 Tx Slot	25.07	25.01	25.00	13.52	13.46	13.45
	2 Tx Slots	24.32	24.12	24.20	12.77	12.57	12.65
	3 Tx Slots	22.16	22.07	22.42	10.61	10.52	10.87
	4 Tx Slots	20.87	21.02	21.03	9.32	9.47	9.48
GSM 1900		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel/Frequency(MHz)			Channel/Frequency(MHz)		
		512/1850.2	661/1880	810/1909.8	512/1850.2	661/1880	810/1909.8
GSM		29.83	29.74	29.71	30.60	30.51	30.48
GPRS (GMSK)	1 Tx Slot	29.80	29.66	29.59	30.57	30.43	30.36
	2 Tx Slots	28.56	28.71	28.50	29.33	29.48	29.27
	3 Tx Slots	27.90	27.53	27.22	28.67	28.30	27.99
	4 Tx Slots	26.26	25.87	25.56	27.03	26.64	26.33
EGPRS (8PSK)	1 Tx Slot	25.23	25.17	24.78	26.00	25.94	25.55
	2 Tx Slots	24.20	24.04	24.01	24.97	24.81	24.78
	3 Tx Slots	22.45	22.01	21.94	23.22	22.78	22.71
	4 Tx Slots	21.23	21.02	20.74	22.00	21.79	21.51

5.2 Radiated Spurious Emission

The detailed test data see *EFTA25120110-IE-06-R1-ANNEX-G*.

6 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	104028	2025-05-06	2026-05-05
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
Software	R&S	EMC32	10.35.10	/	/

7 The EUT Appearance

Refer to *EUT Appearance*.

8 Test Setup Photos

Refer to *Part22_24 Test Setup*.

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