

Verification of Conformity

Council Directive 2014/53/EU RED

Date of Issue:2023-9-18

Reference Number: VOCSZ230912002

Applicant:	South Surveying & Mapping Technology Co., Ltd. No.39, Sicheng Road, Tianhe District, Guangzhou, Guangdong Province
Manufacturer:	South Surveying & Mapping Technology Co., Ltd. No.39, Sicheng Road, Tianhe District, Guangzhou, Guangdong Province
Product:	GNSS RECEIVER
Models:	G3
Brand:	SOUTH
NTRA Category	CAT16+CAT17
Brand & Model of Charger:	 or  or  or Ten Pao & s045sv2000225
Brand & Model of Battery:	Shenzhen Hengyu Energy Technology Co., LTD & HYLB-2299

Article	Harmonized Standard	Test Report No.	Laboratory
Radio RED Article3.2	ETSI EN 303 413 V1.2.1 (2021-04)	SZNS1230815-47627E-RF-22	Bay Area Compliance Laboratories Corp. (Shenzhen)
EMC RED Article3.1(b)	EN 55032:2015+A1:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013/A2:2021/AC:2022-01 ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-19 V2.2.1 (2022-09)	SZNS1230815-47627E-EM-01 SZNS1230815-47627E-EM-02	Bay Area Compliance Laboratories Corp. (Shenzhen)
Safety RED Article3.1(a)	EN IEC 62368-1: 2020+A11: 2020	SZNS1230815-47627E-SF	Bay Area Compliance Laboratories Corp. (Shenzhen)
Battery Report	IEC 62133-2: 2017, IEC 62133-2: 2017/AMD1: 2021	SZNS1230602-31234E-SF	Bay Area Compliance Laboratories Corp. (Dongguan)
Charger report	IEC 62368-1:2014 (Second Edition)	50322654 001	TÜV Rheinland (Shenzhen) Co., Ltd.

This EU-Type Examination Certificate is issued in according with Annex III, Module B of Council Directive 2014/53/EU of April,2014.

On the basis of the reference test report(s), the sample(s) of the above product has been found to comply with the relevant standard(s) to NTRA approval listed on this verification at the time the tests were carried out and submitted document(s) were evaluated. The manufacturer may indicate compliance to said technical requirements of the NTRA approval. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable requirement(s) and shall consider changes of the standard(s) if relevant. Additional requirements may be applicable such as additional local laws.



Jeanne Han-Technical Manager

APPENDIX OF THE VERIFICATION OF CONFORMITY

Product Characteristics

Reference Number: VOCSZ230912002

Main Product Specifications	<i>CPU Model & Speed: N/A</i>
	<i>Internal Memory (ROM): 8GB</i>
	<i>RAM Capacity: N/A</i>
	<i>Battery Specification: 7.2V, 6800mAh, 48.96Wh</i>
Product Operating System &Version	<i>Linux</i>
Frequency Range	<i>TX Frequency: N/A</i>
	<i>RX Frequency: BDS,B1I; GPS,L1C; GPS,L2C; GPS,L5; Galileo, E1; Galileo, E5a ; Galileo, E5b; Galileo, E6; SBAS,L1; SBAS,L5: 1559-1610MHz (RX); 1164-1215 MHz; 1215-1300 MHz</i>
Modulation	<i>GPS, BDS, Galileo, SBAS: BPSK</i>

****End of Appendix****