



The following samples were submitted and identified on behalf of the client as:

Summary Test Report

Report No.: GZES190401446331

Date: 2019-04-22

Applicant: SHANGHAI E-COMPASS SCIENCE & TECHNOLOGY CO., LTD.
12 – 13 unit, 159 Tianzhou Road, Xuhui, Shanghai, China

Manufacturer: Guangzhou Geo Electron Science & Technology Company Limited
Room 702, 704 Caipin Road, Guangzhou, Guangdong, China

Manufacturing location: Same as manufacturer

Test object / Model: GNSS RECEIVER / E600

Test specifications / Test standard: IEC 60529: 1989 + A1: 1999 + A2: 2013

Purpose of examination: According to client's request, only performed IP67 according to above mentioned standards.

Test result: In the opinion of SGS – CSTC the presented appliance was found to be **in compliance with** the test specification as indicated in the details on the following pages.

Remark: —



Ben Tang

Ben Tang
Reviewer
Safety Laboratory

Wens Zhang

Wens Zhang
Project Engineer



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Guangzhou Branch Inspection & Testing Services Laboratory

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1. Function / Description:

Appliance is powered by two internal rechargeable lithium ion battery or 9 Vd.c. - 28 Vd.c. external power supply
Plastic enclosure fixed by hooks and screws.
Rubber seal wings are used.

2. Ratings:

Model: E600
Protection Against Moisture: IP67
Protection Class: Class III
Construction: Portable appliance

3. Model difference:

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4. Test:

The test was done in the Electrical Safety Laboratory of SGS-CSCT in Guangzhou.
2 samples have been submitted for test on 2019-04-01
Tests were performed from 2019-04-01 to 2019-04-06
According to applicant's requirement, IP67 test of IEC 60529: 1989 + A1: 1999 + A2: 2013 are considered.

5. Test Result:

CLAUSE	Observation	Verdict
Clause 13.4, 13.6 IP6X test	After the test, no dust is observable inside the enclosure at the end of the test.	Pass
Clause 14.2.7 IPX7 test	After the test, the appliance can normal work which battery compartment and internal circuit part are without water. Details see the photo documentation.	Pass



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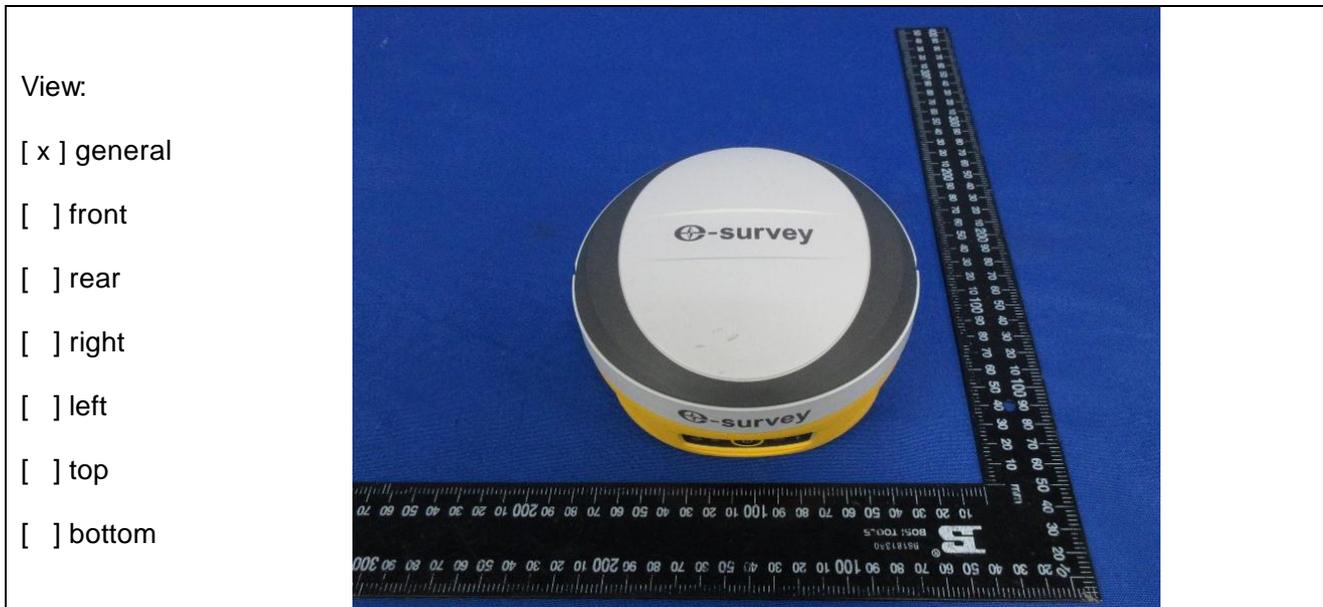
Summary Test Report

Report No.: GZES190401446331

Date: 2019-04-22

6. Photo Document:

Details of: General view



Details of: General view



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Guangzhou Branch / Testing Laboratory

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Report No.: GZES190401446331

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Details of: Internal view



Details of: Internal view



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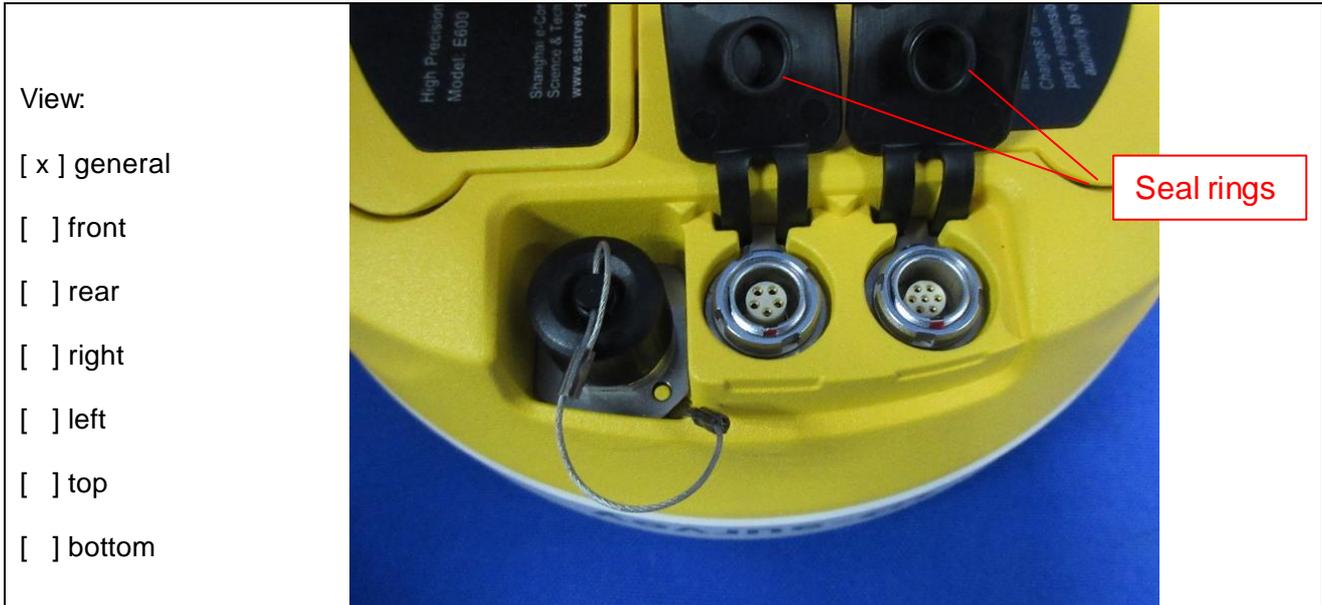
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The following samples were submitted and identified on behalf of the client as:

Summary Test Report

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Details of: Internal view (After IP6X)



Details of: Internal view (After IP6X)



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The following samples were submitted and identified on behalf of the client as:

Summary Test Report

Report No.: GZES190401446331

Date: 2019-04-22

View:

general

front

rear

right

left

top

bottom

Details of: Internal view (After IP6X)

View:

general

front

rear

right

left

top

bottom



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Summary Test Report

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Date: 2019-04-22

Details of: Internal view (After IP6X)

View:

general

front

rear

right

left

top

bottom

Details of: Internal view (After IPX7)

View:

general

front

rear

right

left

top

bottom



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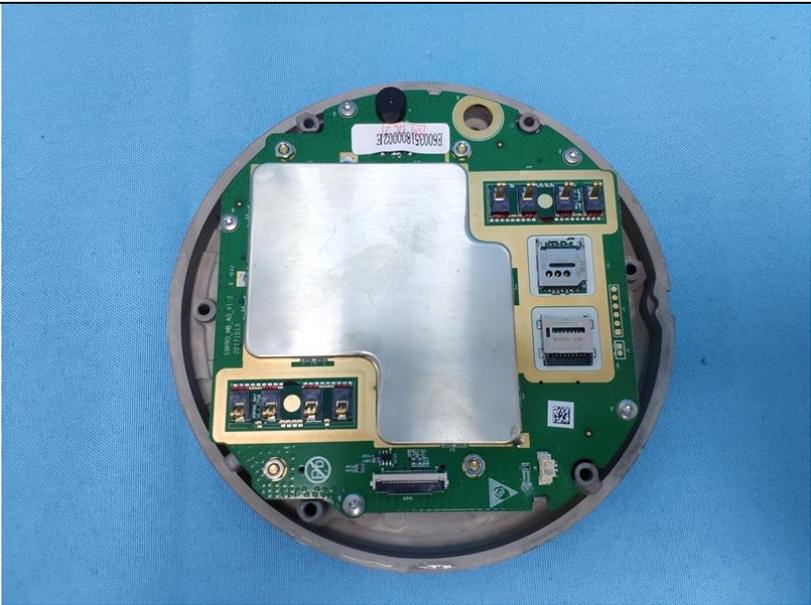
Report No.: GZES190401446331

Date: 2019-04-22

Details of: Internal view (After IPX7)

<p>View:</p> <p><input checked="" type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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Details of: Internal view (After IPX7)

<p>View:</p> <p><input checked="" type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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View:

general

front

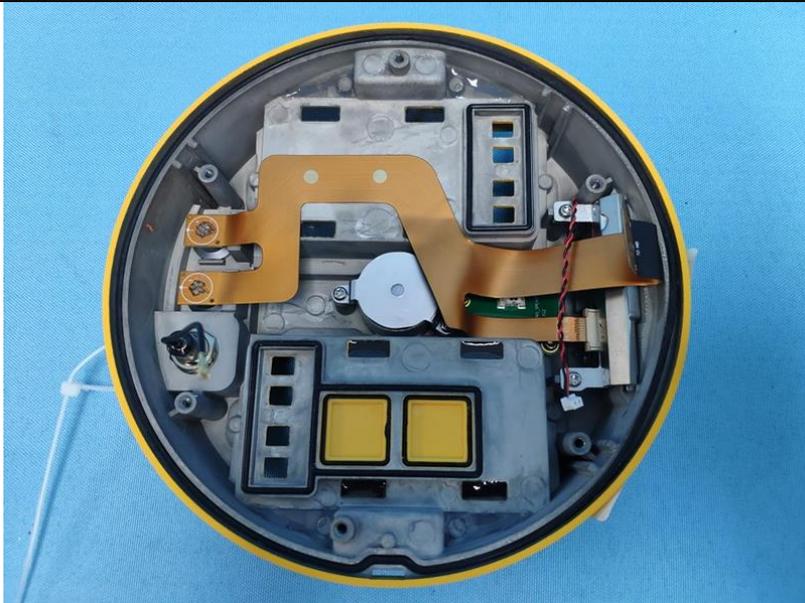
rear

right

left

top

bottom



-- End of Report --



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