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# Test Report

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Report No.: AGC19C120301-3E7

**PRODUCT DESIGNATION** : GSM Mobile Phone  
**BRAND NAME** : LEADSKY  
**MODEL NO.** : XR301  
**CLIENT** : LEADSKY INTL DEV LTD  
**DATE OF ISSUE** : Apr.28, 2012  
**STANDARD(S)** : EN 60529:1991+A1:2000  
**REPORT VERSION** : V1.0

**Attestation of Global Compliance Co., Ltd.**

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### GENERAL INFORMATION

Report No. .... :	AGC19C120301-3E7
Product Description..... :	GSM Mobile Phone
Brand Name ..... :	LEADSKY
Test Model..... :	XR301
Series Models ..... :	N/A
Rating(s) ..... :	IP67
Applicant ..... :	LEADSKY INTL DEV LTD
Address of Applicant..... :	
Manufacturer ..... :	Leadsky International Development Limited
Address of Manufacturer..... :	Room 401, Huahan Building A, Langshan North Road, Science and Technology Park, Nanshan District, Shenzhen, P.R.China
Date of Sample Received..... :	Apr.27, 2012
Date of Test..... :	Apr.28, 2012
Test Requested..... :	EN 60529:1991+A1:2000
Test Conclusion..... :	By test, the sample is compliant the requirements
Remarks: 1.The results are only responsible for samples supplied by applicant.	

**Tested By**

Vicky Lv

Apr.28, 2012

**Reviewed By**

Matte He

Apr.28, 2012

**Approved By**

Solger Zhang

Apr.28, 2012

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## 1. Test Items: The first characteristic numeral test

**Test Level: IP6X**

**Ambient condition: 15-35°C, 25%-75%RH, 98kPa-102kPa**

### Test condition:

1. The test wire of 1.0mm shall not penetrate and adequate clearance shall be kept, (Rigid steel rod 1.0<sub>0</sub><sup>+0.05</sup> mm diameter with edges free from burrs.) The object probe is pushed against any opening of the enclosure with 1.0±10% N force.
2. The enclosure shall be deemed category 1. Enclosure where the normal working cycle of the equipment causes reductions in air pressure within the enclosure below that of the surrounding air.
3. The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump.
4. The object of the test is to draw into the enclosure, by means of depression a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 60 volumes per hour. In no event shall the depression exceed 2kPa.
5. If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2h.
6. The test performed in accordance to the criteria listed above, and under the conditions as below:
  - Set the samples in the dust tester chamber of 2 kg/m<sup>3</sup>;
  - Test duration: remain the sample in the test chamber for 8 hours.

### Conclusion:

After the test there is no accumulation of dust inside the enclosure, and the sample can work normally.

**Test result: Pass.**

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## 2. Test Items: The second characteristic numeral test

**Test Level: IPX7**

**Ambient condition: 20-25°C, 55%-70%RH, 98kPa-102kPa**

**Test condition:**

1. The test sample is located 1000 mm below the surface of the water;
2. The duration of the test is 30min;
3. The water temperature does not differ from that of the equipment by more than 5K. However, a modified requirement may be specified in the relevant product standard if the tests are to be made when the equipment is energized and/or its parts in motion.

### **Conclusion:**

After the test, there is a little water entered the sample inside, but it not:

- be sufficient to interfere with the correct operation of the equipment or impair safety;
- deposit on insulation parts where it could lead to tracking along the creepage distances;
- reach live parts or winding not designed to operate when wet;

And the test sample can work normally.

**Test result: Pass.**

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**ATTACHMENT A**  
**Photos of product**



Fig.1 - Overview



Fig.2 – Overall view

----- **End of Report** -----

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