

# TEST REPORT

for

**AIS Class B Transponder**

**MODEL: WideLink B600W; WideLink B600**

Test Report Number:  
T160222W01

Issued to:

**Alltek Marine Electronics Corp.**  
**14F-2, No.237, Sec. 1, Datong Rd., Xizhi District,**  
**New Taipei City, Taiwan, R.O.C.**

Issued by:

**Compliance Certification Services Inc.**  
**Xindian Lab.**  
**No.163-1, Jhongsheng Rd., Xindian Dist.,**  
**New Taipei City, 23151 Taiwan.**  
**TEL: 886-2-22170894**  
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**Issued Date: January 18, 2017**

**Revision History**

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	January 18, 2017	Initial Issue	ALL	Andrea Chen

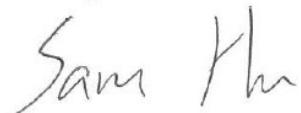
## TEST CERTIFICATION

<b>Product:</b>	AIS Class B Transponder
<b>Model:</b>	WideLink B600W; WideLink B600
<b>Brand:</b>	AMEC
<b>Applicant:</b>	<b>Alltek Marine Electronics Corp.</b> 14F-2, No.237, Sec. 1, Datong Rd., Xizhi District, New Taipei City, Taiwan, R.O.C.
<b>Manufacturer:</b>	<b>Alltek Marine Electronics Corp.</b> 14F-2, No.237, Sec. 1, Datong Rd., Xizhi District, New Taipei City, Taiwan, R.O.C.
<b>Tested:</b>	October 11, 2016
<b>Applicable Standards:</b>	<b>EN 60945: 2002 (Reference clause 12.2)</b> <b>IEC 60945: 2002 / COR1: 2008 (Reference clause 12.2)</b> <b>IEC 60945 corrigendum 1: 2008</b>

Deviation from Applicable Standard
None

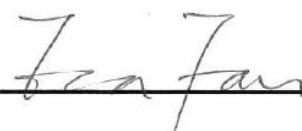
The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:



Sam Hu  
Assistant Manager

Reviewed by:



Eva Fan  
Supervisor of report document dept.

## 1 EUT DESCRIPTION

<b>Product</b>	AIS Class B Transponder
<b>Brand Name</b>	AMEC
<b>Model</b>	WideLink B600W; WideLink B600
<b>Applicant</b>	Alltek Marine Electronics Corp.
<b>Housing material</b>	Plastic
<b>Identify Number</b>	T160222W01
<b>Received Date</b>	February 22, 2016
<b>EUT Power Rating</b>	12VDC/24VDC from DC power supply
<b>Hardware</b>	M-PCB-B601MBV2
<b>Software</b>	V1.1.5

### Model Differences

Model Name	Difference	Tested (Check)
WideLink B600W	With Wi-Fi Function	<input checked="" type="checkbox"/>
WideLink B600	Without Wi-Fi Function	<input type="checkbox"/>

### I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
1. USB Port	1	1
2. GPS Antenna Port	1	1
3. VHF Antenna Port	1	1
4. NMEA 0183 Port	2	2
5. NMEA 2000 Port	1	1
6. Micro SD Slot	1	1

**Note:** Client consigns only one model sample to test (Model Number: WideLink B600W).

## Electromagnetic Radio Frequency Radiation TEST

### TEST SPECIFICATION (Reference to EN 60945 clause 12.2)

#### TEST INSTRUMENT

844 RS Chamber				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Safety Test Solutions	NARDA	NBM-520	D-0924	11/19/2016
E-Probe	NARDA	EF-1891	E-0005	11/19/2016

#### Method of Test

Use Field Probe to Measure power density and appropriate the maximum distance from the EUT at which the power density level of 100 W/m<sup>2</sup> and 10 W/ m<sup>2</sup>

#### Test Result

The power density of EUT are very smaller than 100 W/m<sup>2</sup> and 10 W/ m<sup>2</sup> when Field Probe completely close to EUT.

TEST ITEM	TEST Result
ELECTROMAGNETIC RADIO FREQUENCY RADIATION	PASS

## PHOTOGRAPHS OF THE TEST CONFIGURATION

