

STC Test Report

Date: 2013-08-01
No.: HM168529

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Applicant (DEC009): Radio Sensors AB
Hagundagatan 19 752 38 Uppsala Sweden

Description of Sample(s): Submitted sample(s) said to be
Product: Universal Wireless IEEE 802.15.4 Sensor Board
Brand Name: N/A
Model No.: S2
Manufacturer: Radio Sensors AB
Hagundagatan 19 752 38 Uppsala Sweden
Rating: 5Vd.c. (Power by PC)

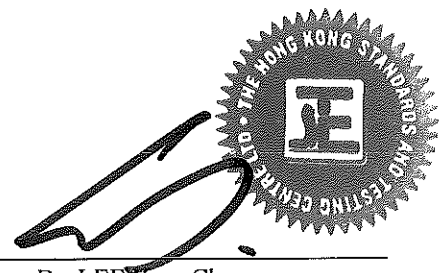
Date Sample(s) Received: 2013-06-17

Date Tested: 2013-07-24

Investigation Requested: Test for compliance with safety requirements of EN62479.

Conclusion(s): The submitted product COMPLIED with the human exposure to electromagnetic fields (10MHz to 300GHz) requirements of EN62479. The safety tests were performed in accordance with the standards described above and on Section in this Test Report.

Remark(s) ----



Dr. LEE Kam Chuen,
Authorized Signatory
ElectroMagnetic Compatibility Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

The Hong Kong Standards and Testing Centre Limited
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Technical Detail(s)

Investigations Requested

The assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) of Article 3(1)(a) (and Article 2 2006/95/EC) of R&TTE Directive.

Test Standards and Results Summary Tables

Test Standards	
EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

Remarks:

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

Compliance of this product based on the test against standard ETSI EN 300 328, and the measured maximum emitted average power was less than the low-power exclusion level from ICNIRP and IEEE exposure limit.

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TRANSMITTER MEASUREMENTS – RESULTS

EFFECTIVE RADIATED POWER: (HIGHEST TRANSMITTER POWER)

Ambient Temperature: 25°C

Relative Humidity: 52%

ETSI EN 300 328 V1.7.1 (2006-10)

Nominal transmit frequency: 2404.5MHz

Polarization of the measurement for the larger power level: vertical

Test conditions TX modulated		Transmitter power (dBm)
55°C	Unom: 5.5Vd.c.	-10.18
Measurement uncertainty		± 5.3dB

Remark: Compliance of this product based on the test against standard EN 300 328, and the measured maximum emitted average power was less than 20mW.

******* End of Test Report *******

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