

**TECHNICAL ACCEPTANCE CERTIFICATE NO: AN14I5559  
ISSUED UNDER THE AUTHORITY OF  
THE CERTIFICATION AND ENGINEERING BUREAU OF INDUSTRY CANADA**

<b>CERTIFICATION NO</b>	▶6079A-STD502R
<b>CERTIFICATION PROCEDURE</b>	▶SINGLE CERTIFICATION
<b>CERTIFICATE HOLDER</b>	▶CIRCUIT DESIGN, INC. ▶7557-1, HOTAKA, AZUMINO , NAGANO 399-8303 , JAPAN
<b>TYPE OF EQUIPMENT</b>	▶2.4 GHZ DSSS LOW POWER RADIO TRANSCEIVER
<b>TRADE NAME AND MODEL</b>	▶STD-502-R
<b>RADIO APPARATUS CATEGORY</b>	▶MODULAR APPROVAL ▶SPREAD SPECTRUM DEVICE (2400-2483.5 MHZ)

FREQUENCY RANGE (MHz)	EMISSION DESIGNATOR	R.F. POWER (Watts)	SPECIFICATION / ISSUE	
2402.5 to 2478.5	593KG1D	0.0037	RSS-210	8 / DEC. 2010

ANTENNA TYPE	ANTENNA GAIN (dBi)	ANTENNA CONNECTOR
SLEEVE ANTENNA	2.0	REVERSE SMA
LOOP PCB ANTENNA	1.89	REVERSE SMA
COAXIAL ANTENNA	1.67	REVERSE SMA

Modular approval. Output power listed is conducted. This module may only be installed by the OEM or an OEM integrator. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter within a host device. Other configurations or co-location with other transmitters may require additional evaluation and certification as determined by Industry Canadian's multi-transmitter procedures. Grantee must coordinate with OEM integrators to determine applicable host configurations to ensure RF exposure compliance.

**MEASUREMENT FACILITIES**

LABORATORY NAME	IC OATS LISTING
UL JAPAN, INC. 1-22-3 MEGUMIGAOKA, HIRATSUKA-SHI, KANAGAWA-KEN,* JAPAN TEL: 81-463-50-6400 FAX: 81-463-50-6401 EMAIL: TOYOKAZU.IMAMURA@UL.COM	IC OATS NUMBER: 2973D-3, 2973D-2

*Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence applications, where applicable to use certified equipment, are acted on accordingly by the Industry Canada issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by Industry Canada. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by Industry Canada.*

*La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'Industrie Canada et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par Industrie Canada.*

*I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.  
J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.*

ISSUED BY:	▶ 
	Mark Briggs/Director, UL Verification Services Inc.

ISSUED ON:	▶ March 5, 2014
------------	-----------------