

Certificate

Certificate number

AN24I3470

ISED certification number

6079A-STD504

Issue date

Mar-26-2024

Issued to

CIRCUIT DESIGN INC.

for equipment

STD-504

Issued By:



Mark Briggs,
Director Wireless Certification Services
UL Verification Services Inc.
47173 Benicia Street, Fremont, CA 94538

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 ISED 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 ISED. 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 ISED.

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'ISDE 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'ISDE. 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 ISDE.

Certification number	6079A-STD504
Certification procedure	Single Certification
Certificate holder	CIRCUIT DESIGN INC. 7557-1 HOTAKA, AZUMINO Nagano, 399-8303 JAPAN
Type of equipment	2.4 GHz DSSS low power radio transceiver

PMN	HVIN	FVIN	HMN
STD-504	STD-504	N/A	N/A

Radio apparatus category(ies)	Wireless Local Area Network Device
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Certification details			
Frequency range (MHz)	Emission designator	RF power (W) or field strength	Specification / issue
2402.5 - 2476.5	775KF1D	0.0044 - 0.0044 W	RSS-247 Issue 3, Aug-2023

Antenna information
Whip Antenna (ANT-2G4S3), Gain: 0 dBi, Connector type: MHF Sleeve Antenna (ANT-2G4S2, ANT-2G4S2-L) , Gain: 2 dBi, Connector type: MHF Whip Antenna swivel type (ANT-2G4W1R-R), Gain: 2 dBi, Connector type: MHF Waterproof swivel type (ANT-2400-SFW), Gain: 2 dBi, Connector type: MHF PCB Antenna (W5I-BO-07), Gain: 2.5 +/- 1 dBi, Connector type: MHF

Remarks and limitations
Single Modular Approval. Output power listed is Conducted (Peak). Separate evaluation must be required for any portable configuration. When used in mobile applications, the module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required. Compliance of this device in all final host configurations is the responsibility of the Grantee. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. The host integrator is instructed to ensure that the end user has no manual instructions to remove or install the device. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the ISED multi-transmitter procedures.

Measurement facilities	
EMC laboratory:	UL Japan, Inc. 1614, Mushihata, Katori-shi, Chiba-ken 289-0341 Japan ISED Company Number: JP0006 (4659A)
RF exposure laboratory:	–

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 a été jugé conforme à la spécification ci-dessus.



Hironobu Ohnishi, CB Reviewer
UL Verification Services Inc.
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