



TECHNICAL ACCEPTANCE CERTIFICATE



[Certificate Validation](#)

TECHNICAL ACCEPTANCE CERTIFICATE

5407A-MERCURY7ET / 21 Mar 2024 / Rev A

for Innovation, Science and Economic Development (ISED) Canada

MiCOM Labs Inc. declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the requirements of the above noted regulator.

Product Marketing Name:
M7E-TERA

Applicant Name:
Novanta Corporation

I hereby attest that the subject equipment was tested and found in compliance with the below 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-dessous.



Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:

MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA

FCB Number: US0159



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for Innovation, Science and Economic Development (ISED)

Product Marketing Name:

M7E-TERA

Unique Product Number: **MERCURY7ET**

Applicant: Novanta Corporation, 125 Middlesex Turnpike, Bedford, Massachusetts, 01730-1409, USA; **CN Number:** 5407A

ISED Representative: Celltech Labs Inc., 21-364 Loughheed Road, Kelowna, BC, V1X 7R8, Canada; **CN Number:** 3874A

Test Lab: MiCOM Labs, 575 Boulder Court, Pleasanton, California, 94566, USA

Wireless Test Site	Open Area Test Site	SAR Test Site	Terminal Test Site
4143A	--	--	--

SAR Results

Head (W/kg)	Body Worn (W/kg)	Limbs (W/kg)	Simultaneous (W/kg)	RF (W/m2)
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Technical Details

Specification	Issue	Technology	Frequency Range (MHz)		Emission Designator	Power (W) Conducted	
			From	To		Min.	Max.
RSS-247	3	FHSS	902.75	927.25	67K4K1D	0.891	1.000
Cahiers des charges	Issue	Technologie	Gamme de fréquences		Désignatif d'émission	Puissance RF	

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.



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Technical Acceptance Certificate

Certificat D'acceptabilité Technique

Company Name	Novanta Corporation	Nom de l'entreprise
Certification No.	5407A-MERCURY7ET	No. De certification
Issue Date / Rev	21 Mar 2024 / Rev A	Date D'émission / Rev
Equipment Description	UHF RAIN RFID MODULE	Description de l'équipement
Type of Equipment	RFID Device	Type de materiel
Product Marketing Name	M7E-TERA	Nom du produit Marketing(PMN)
Host Marketing Name	--	Nom de l'hôte marketing (HMN)
Hardware Version Identification Number	M7E-TERA	Version Hardware numéro d'identification (HVIN)
Firmware Version Identification Number	2.01.02.1C	Firmware Version numéro d'identification (FVIN)

Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
External (Dipole)	Laird	S8964B	6.0	902 - 928
External (Patch)	MTI Wireless	MT-242043	6.0	902 - 928