

Technical Compliance Statement FCC and ISED VERIFICATION

Ref. File No.: C1W2206013

For the following equipment

Product : Microinverter
Model Number : (1)QT2 (2)QT2-208 (3)QT2-480
Brand Name : APsystems
Applicant : Altenergy Power System Inc.
Manufacturer : Altenergy Power System Inc.
Standards :

Title 47 FCC CFR, Part 15, Subpart B, Class B
ANSI C63.4-2014, ANSI C63.4a-2017
ICES-003 Issue 7:2020

We, **AUDIX Technology (Wujiang) Co., Ltd. EMC Dept.** hereby certify that the above product has been tested by us and complied with the FCC and ISED official limits. The product might be marketed in US in accordance with the standard Title 47 CFR FCC Part 2 and Part 15 Subpart B class B equipment regulations under FCC Rules. The test was performed according to the procedures mentioned in ANSI C63.4-2014.

The test data and results are issued on the test report no. **ACWE-F2206006**.

Signature



Ken Lu/ Vice General Manager

Date: 2022. 06.21

Test Laboratory:

AUDIX Technology (Wujiang) Co., Ltd. EMC Dept.

Web Site: www.audixtech.com

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

**Certification
Issued Under the Authority of the
Federal Communications Commission
By:**

**LGAI Technological Center S.A. (APPLUS)
Ronda de la Font del Carme, s/n
P.O.
Box 08193,
Barcelona,
Spain**

**Date of Grant: 06/23/2022
Application Dated: 06/23/2022**

**Altenergy Power System Inc.
No.1, Yatai Road, Jiaxing Zhejiang
314050 P.R. China
Jiaxing,
China**

Attention: Guofeng Jiang , Manager

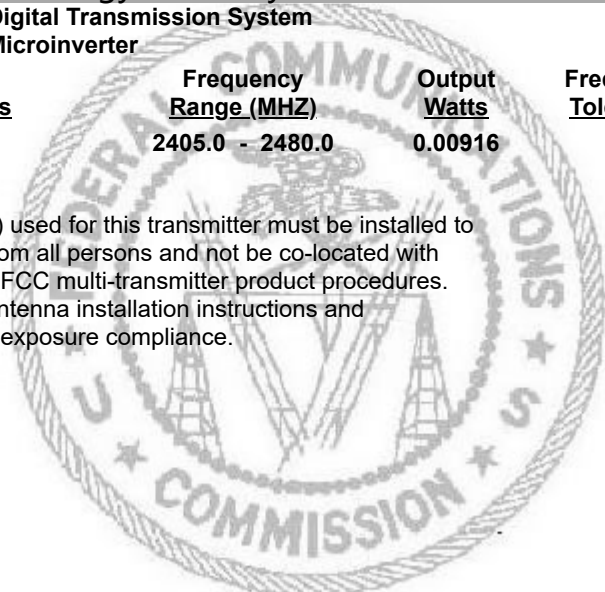
NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AFGR-QT2
Name of Grantee: Altenergy Power System Inc.
Equipment Class: Digital Transmission System
Notes: Microinverter

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	15C	2405.0 - 2480.0	0.00916		

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and not be co-located with any other transmitters except in accordance with FCC multi-transmitter product procedures. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.





Technical Acceptance Certificate

Certificat D'acceptabilité Technique

No **ES0001-ISED-5220**

Issued by / Délivré par	LGAI TECHNOLOGICAL CENTER - No. ES0001 (APPLUS)
Company Name / Nom de l'entreprise	ALTENERGY POWER SYSTEM INC.
MANUFACTURER (Name, Address) / FABRICANT (Nom, adresse)	ALTENERGY POWER SYSTEM INC. No.1, Yatai Road, Jiaxing 314050 Zhejiang Province, P.R.China
Company number / Numéro d'entreprise	20481
Approval Date / Date D'approbation	22/06/2022
ISED ID / ISED ID	20481-QT2
Hardware Version Identification Number / Version Hardware numéro d'identification	QT2, QT2-208, QT2-480, QT2-480H
Product Marketing Name / Nom du produit Marketing	Microinverter
Host Marketing Name / Nom de l'hôte marketing	N/A
Firmware Version Identification Number / Firmware Version numéro d'identification	N/A
Equipment Description / Description de l'équipement	Microinverter
Type of Equipment / Type de matériel	Other

This document is not valid without its technical annex, whose number coincides with the number of the certificate.
Ce document n'est pas valable sans son annexe technique, dont le numéro coïncide avec le numéro du certificat.

The evaluation of the technical documentation delivered is included in the technical file number: 22/36402766
L'évaluation de la documentation technique fournie est incluse dans le numéro de dossier technique: 22/36402766

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

Bellaterra, 22 de junio de 2022 // 22nd June 2022

José Luis Medina
Director
Electrical & Electronics – Spain



This certificate will be valid on approval date published in Canada Radio Equipment List (REL).
Ce certificat sera valide à la date d'approbation publiée dans la liste d'équipement de Radio Canadienne (REL).

TECHNICAL ANNEX
ANNEXE TECHNIQUE

ES0001-ISED-5220

Specification Spécification	Issue/Amd Issue/Amd	Date Date	From Frequency de la Fréquence	To Frequency à la Fréquence	Emission Designator Designation D' Émission	Power Puissance	Field Strength (spurious) Force de champ	Distance Distance
RSS 247	Issue 2	Feb 2017	2405MHz	2480MHz	2M57G1D	0.015W	36.81dBµV/m	3m
Lab Company			(site number)	(lab name, city, country)				
Wireless Lab			26720	CERPASS TECHNOLOGY CORPORATION (CERPASS LABORATORY DONGGUAN)				
SAR Lab (RSS-102, Issue 5 Amd. 1– Feb 2021)								
RF Exposure Assessment (RSS-102, Issue 5 Amd. 1– Feb 2021)			26720	CERPASS TECHNOLOGY CORPORATION (CERPASS LABORATORY DONGGUAN)				
Nerve Stimulation Lab (RSS-102, Issue 5 Amd. 1– Feb 2021)								
Hearing Aid Compatibility Lab (RSS-HAC, Issue 1 – March 2019)								

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 émetteur d'ISED 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 par ISED. 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 ISED.