



Global Product Certification
EMC-EMF Safety Approvals

EMC Technologies Pty Ltd

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To: Federal Communications Commission

Attention: Certification Officer **Date:** August 31, 2020

EMC Ref: M2004026

Subject: FCC FILING – ORIGINAL CERTIFICATION - FCC ID: 2AWYU-81342

Company: Rubicon Global Pty Ltd

FCC ID: 2AWYU-81342

EUT: Telemetry Node: FERIT SOLAR NODE – LORA, FERIT NODE SOLAR – P400

Test Firm: EMC Technologies Pty Ltd (Accredited Test Site Designation No. A0001)

Rubicon Global Pty Ltd is applying for FCC Certification for the FERIT SOLAR NODE device.

The Device (Host) is a case with solar panel, battery power control module and is configured as per the options below:

Device (Host) – VAR3 containing:

VAR 1

- Host PCB with BT – FCC ID: 2AWYU-81170
- Plugin pre-approved LoRa module (FCC ID: AU792U13A16858, IC: 125A-0055 - single modular approval conditions maintained)

Device label to state:

FCC ID: 2AWYU-81342, Contains FCC ID: 2AWYU-81170, FCC ID: AU792U13A16858

OR

Device (Host) – VAR4 containing:

VAR 2

- Host PCB with BT – FCC ID: 2AWYU-81170
- Plugin pre-approved 400 & 900 MHz Module (FCC ID: NS914P400, IC: 3143A-14P400 - single modular approval conditions maintained)

Device label to state:

FCC ID: 2AWYU-81342, Contains FCC ID: 2AWYU-81170, FCC ID: NS914P400

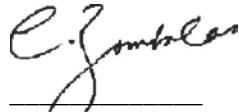
Please note the following:

1. Test results from FCC ID: 2AWYU-81170 are re-used for this application with spot frequency testing performed to verify the results in accordance with KDB 484596.
(Refer to Test Reports: M2004026-9 and M2004026-10 for results).

2. The Confidentiality request supplied with this application includes a request for Permanent Confidentiality for Internal Photographs. Refer to the request for client's included justification.
3. The LoRa antenna and antenna connector requirements have been addressed by the client. Please refer to document provided - EXTERNAL_ANTENNA_DECLARATION_2AWYU-81170_2AWYU-81342 for details.

EMC Technologies Pty Ltd is acting as agent for Rubicon Global Pty Ltd in this application.

Best Regards



Chris Zombolas
Technical Director

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