

Date: **September 1, 2026**

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

SUBJECT: Class II Permissive Change for FCC ID: O6QMETA14X

FCC ID : O6QMETA14X

Brand/Trade Name: **VEGA Grieshaber KG**

Model Number: **VEGAMET Air 141 / VEGAMET Air 142**

We, VEGA Grieshaber KG, pursuant to 47 CFR § 2.1043 and in connection with a Class II permissive change, hereby declare that our end product, the VEGAMET Air 141 / VEGAMET Air 142, is covered under the certified FCC ID: O6QMETA14X and is subject to a Class II permissive change to the original grant dated 07/10/2026.

The above-listed models are electrically and mechanically identical. The original authorization covered LoRaWAN operation with the antennas listed in the initial grant. The purpose of this permissive change is solely to add two new LoRaWAN antenna options with higher gain than those originally approved. No changes have been made to the transmitter circuitry, frequency range, modulation, conducted output power settings, or the operating characteristics of the radio module.

Except for the addition of these antenna options, the product remains identical to the originally certified version **FCCID : O6QMETA14X**

The change filed under this application are:

A. PCB change

No change.

B. Build Of Material change

The following antenna types are added to the approved configuration:

Antenna characteristics new antenna 1	
 2J Antennas 2J3915M-915	
Parameters	915 MHz ISM Antenna
Standards	ZigBee, ISM, SIGFOX, LoRa
Band (MHz)	915 MHz
Frequency (MHz)	902-928
Return Loss (dB)	~-14.5
VSWR	~1.5:1
Efficiency (%)	~64.6
Peak Gain (dBi)	~3.0
Average Gain (dB)	~-1.9
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	50
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	LMR100 Standard (Other Cables Available)

Antenna characteristics new antenna 2		
 2J Antennas 2J2115B-B07H		
Parameters	868/915 MHz ISM Antenna	
Standards	ZigBee, ISM, SIGFOX, LoRa	
Band (MHz)	868 MHz	915 MHz
Frequency (MHz)	863-870	902-928
Return Loss (dB)	~-17.6	~-16.9
VSWR	~1.3:1	~1.4:1
Efficiency (%)	~65.1	~71.3
Peak Gain (dBi)	~3.2	~2.9
Average Gain (dB)	~-1.9	~-1.5
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	Most RF Connectors (SMA-Male Standard)	
Cable Length	Any Cable Length (300cm Standard)	
Cable Type	Other Cables Available (RG58 Standard)	

Should you have any question, feel free to contact me directly.

Sincerely yours,

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