



Date: 9/1/2023

Attn: FCC Office of Engineering and Technology / UL Verification Services TCB

Ref: Class 2 Permissive Change for FCC ID: 2ADNG-VN55
Original approval date: June 2, 2022
Applicant: Energous Corporation

To Whom It May Concern

This is to request for a Class II Permissive Change to address the following proposed changes to the hardware / firmware for this device:

Hardware is updated to support the use of external omnidirectional antennas. Firmware is updated to support configuration of internal or external antennas, as well as additional hopping patterns and center frequency settings. Additional details are provided in the theory of operations and photograph exhibits for this application.

Test performed

WPT: 20dB and 99% Bandwidth, Hopping Frequency Separation, Number of Hopping Channels, Average Time of Occupancy, Output Power, Conducted Spurious Emissions, Radiated BandEdge, Radiated Harmonics and Spurious Emissions, worst case Colocation Spurious Emissions, and Colocation Radiated Bandedge.

BLE: Output Power, Radiated Bandedge, Radiated Harmonics and Spurious Emissions.

Zigbee: Output Power, Radiated Bandedge, Radiated Harmonics and Spurious Emissions.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'DL', written over a light blue horizontal line.

Daniel Lawless
Vice President of System Operations and Regulatory Affairs
Energous Corporation