

Creatidea Co., Ltd.

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Theory of Operation/Technical Description – FCC ID: 2AW30-SDC001

Product name: Bluetooth Mesh/Beacon, Model name: CI-BLE MESH.

- RF circuit function:

The product are based on the nRF52832 modules.

The major part of this IC is a Bluetooth dual mode compliant transceiver. The Bluetooth 2Mbps function of this product will be turned off using software. Will not be used by the final consumer.

- Description of all modulation schemes used in the product:

Bluetooth LE

Item	EUT information
Operating Frequency	2402 MHz ~ 2480 MHz
Channel Spacing	2 MHz
Channel number	40
Data Rate	1Mbps
Operation Voltage	5Vdc
Modulation	GFSK
Maximum Output Power (mW)	0.18

Debby Hsu

Title: Senior Business Specialist

Signature:

Debby Hsu
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