

BIONIME CORPORATION
No. 100, Sec. 2, Daqing St., South Dist., Taichung City 40242 Taiwan

Theory of Operation/Technical Description – FCC ID: ADU - HR310
Product name: Receiver for CGM, Model name: HR310

- RF circuit function:

The product are based on the QN908x and CR95HF modules

The major part of this IC is a low power Bluetooth Low Energy transceiver and 13.56-MHz multi-protocol contactless transceiver IC. Other RF 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:

BLE

Technical Specification	Value
Operating Frequencies	2402~2480MHz
Channel number	40
Operation Voltage	120Vac from Adapter, 3.7Vdc from Battery
Modulation	GFSK
Antenna gain	2dBi

NFC

Technical Specification	Value
Operating Frequency	13.56 MHz
Operation Voltage	120Vac from Adapter, 3.7Vdc from Battery
Modulation	ASK
Antenna Type	Loop antenna

Alex Tseng

Title: Manager Signature: 