

Tong Lung Metal Industry Co.,Ltd.

No.82, Zhonghua Rd., Minxiong Industrial Park
Chiayi County
Taiwan
62157

Theory of Operation/Technical Description – FCC ID: YLK-PLD-BT

- RF circuit function:

The product are based on the ACI810700S-BLE-MD modules

The major part of this IC is a Bluetooth LE transceiver. The BLE 500kbps, 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 BLE

Item	EUT information
Operating Frequency	2402 MHz ~ 2480 MHz
Channel Spacing	2 MHz
Channel number	40
Data Rate	1Mbps
Operation Voltage	6Vdc
Modulation	GFSK
Maximum Output Power (mW)	0.14
Antenna Information	Refer to 5.1.1
Accessory Device	Refer to 4.4

Vincent Hsu
Title: Q.C. Engineer

Vincent Hsu
Signature: