## Co-Luck enterprise Co., Ltd. NO.2,LANE 187,SHI HOO RD., DALI DIST., TAICHUNG CITY 412 TAIWAN (R.O.C.)

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

# Applicant's declaration concerning RF Radiation Exposure

We hereby indicate that the product Product description: iGauge Model No: GF-15BT

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the Product : iGauge

will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M21501-14754-C-1 and the accompanying calculations.

Company: Co-Luck enterprise Co., Ltd.c.

Address: NO.2, LANE 187, SHI HOO RD., DALI DIST., TAICHUNG CITY 412

Grome Lu

TAIWAN (R.O.C.)

Date: 2015-02-17

Signature

Registration number: W6M21501-14754-C-1

FCC ID: 2AD72-IGAUGEFPBT

#### 3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = -2.02 dBm + 1.49 dBi = -0.53 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

### 3.3 RF Exposure Compliance Requirements

#### **RESULT:**

Test standard : FCC KDB Publication 447498 10 D01v05

#### According to KDB447498 10 D01v05:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

The enclosure of the device provides  $\geq 0.5$  cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

Frequency Band:2402-2480 MHz

Maximum Power fed to Antenna: 0.8851 mW

Separation distances:

Antenna feed center to metal parts of enclosure: > 5 mm Distance prescribed in user manual: > 5 mm

N.	ИHz		5		10		15			20		25		mm			
2450			10		19		29			38		48		SAR Test Exclusion			
														Thresh	nold (m'	W)	
MHz			30		35		40			45		50		mm			
2450			57		67		77			86		96		SAR Test Exclusion Threshold (mW)			
MHz	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm	