CC&C Technologies, Inc.
8F, No. 150, Jian Yi Road, Zhonghe District,
New Taipei City 235 Taiwan.

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: Bluetooth V4.0 Dual-mode dongle
Model No: BT-400B0

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 : Bluetooth V4.0 Dual-mode dongle
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: W6M21408-14385-C-1 and the accompanying calculations.

Company: CC&C Technologies, Inc.
Address: 8F, No. 150, Jian Yi Road, Zhonghe District, New Taipei City 235 Taiwan.

Date: 2014-08-18

Signature Gary Chen

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)
Bluetooth 2.0+EDR
EIRP = max. conducted output power + antenna gain
EIRP = 8.20 dBm + (-4.10) dBi = 4.10 dBm
Limit: EIRP = +36 dBm for Antenna gain <6dBi
Bluetooth 4.0
EIRP = max. conducted output power + antenna gain
EIRP = 5.26 dBm + (-4.10) dBi = 1.16 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 ≥ 0.5 cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

Frequency Band:2400-2483.5 MHz
Maximum Power fed to Antenna (BT2.0): 2.5704 mW
Maximum Power fed to Antenna (BT4.0): 1.3062 mW

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

MHz	5	10	15	20	25	mm
2450	10	19	29	38	48	SAR Test Exclusion Threshold (mW)

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
2450	96	196	296	396	496	596	696	796	896	996	1096	1196	1296	1396	1496	mW