Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: 2ABZ6BT005

Project No.	:	1401C184
Equipment	:	Bluetooth Activity Checker
Model	:	BT005
Applicant	:	R.E.A.C ELECTRONIC CO., LTD
Address	:	7/F., O.T.B. Building, 259-265 Des Voeux Road Central, Hong Kong China 999077
According:	:	**FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.

TEL : (0769) 8318-3000 FAX : (0769) 8319-6000

MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Table for Field Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed Antenna	N/A	-1.01

GENERAL CONCULUSION:

Maximum measured transmitter power:

Output Power (dBm)	Output Power (mW)	Limit (mW)
2.16	1.6	10

According to FCC KDB447498 V05, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm
The maximum measured output peak power of this EUT is 1.6 mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold