



FCC RF EXPOSURE REPORT

FCC ID: 2ACIDTIANJIN-OBACC

Project No. : 1403C258
Equipment : Hando Smart Wristband
Model : HB1
Applicant : Tianjin Obacc Technology Limited
Address : Tianjin Obacc Technology Limited
 MuningRoad 53#.TEDA Tianjin 300457 P.R.
 China

According: : FCC Guidelines for Human Exposure IEEE
 C95.1

BTL INC.

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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 Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)
1	Tianjin Obacc Technology Limited	N/A	monopole	N/A	1.52

GENERAL CONCULSION:

Maximum measured transmitter power:

Output Power (dBm)	Output Power (mW)	Limit (mW)
2.48	0.002	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 0.002 mW, less than 10mW at 5mm distance.

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