



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: ZWYBM-6018AS

Project No. : 1108C160
Equipment : Baby Monitor
Model : BM-6018
Applicant : Shinwa industries(China) Ltd.
**Address : NO.26, Huifeng West 2 Road, Zhongkai
High-tech Park, Huizhou, Guangdong, China**
According: : FCC Guidelines for Human Exposure IEEE C95.1

Neutron Engineering 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

Ant.	Brand name	Model Name	Antenna Type	Connector	Gain (dBi)
1	ECT	ECT818000 475	Integral Dipole	N/A	2.0

TEST RESULTS

EUT:	Baby Monitor	Model Name :	BM-6018
Temperature:	25 °C	Relative Humidity:	60 %
Pressure:	1012 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH01/ CH19 /CH38		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.0	1.5849	17.69	58.7489	0.018533	1	Complies
2.0	1.5849	17.60	57.5440	0.0181530	1	Complies
2.0	1.5849	17.53	56.6239	0.0178628	1	Complies

Note:

All test result is complies.