

RF Exposure Requirements

EUT: Digital Audio Baby Monitor
 Model: HB180TX
 FCC ID: 2AF2R-HB180TX

Limit

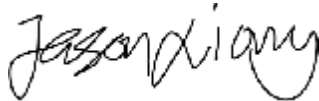
For Maximum Permissible Exposure (MPE) evaluation of the transmitter, the maximum power density at 20 cm from this transmitter shall be less than the General Population / Uncontrolled MPE limit in OET Bulletin 65 and meet the requirement listed in KDB447498.

In the frequency range of 1,500 - 100,000MHz, the MPE limit is 1.0 mW/cm² for general population and uncontrolled exposure.

Test Result

RF Exposure Requirements	Compliance with FCC Rules
$S = \frac{P \cdot G}{4 \cdot \pi \cdot R^2}$ Where: S=Power density P=Power input to antenna G=Power gain of the antenna relative to an isotropic radiator R=Distance to the center of radiation of the antenna	Maximum output power at antenna input terminal: 19.24 dBm = 83.95 mW Prediction distance: 20 cm Antenna gain : 0 dBi MPE limit for uncontrolled exposure at prediction frequency: 1.0m W/cm ² Power density at 20 cm: High Channel: 0.0167 mW/cm ²

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