

Prediction of Human Exposure to Radio Frequency Energy for the Logitech Play Link

Date:	November 10, 2004
Model:	G-65149A
FCC ID:	DZLG65149A
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The minimum distance for human exposure to RF energy is estimated below, as described in Title 47 CRR part 1.1307, Title 47 CRR, part 1.1310 and OET Bulletin 65, edition 97-10. Calculation performed for the general population exposure limit.

Maximum Frequency of Operation: 928 MHz

Exposure Limit: $S = 0.619 \text{ mW/cm}^2$

EIRP: 17.15 dBm = 52 mW

$$S = \frac{EIRP}{4 \cdot \pi \cdot R^2}$$

$$R = \sqrt{\frac{EIRP}{4 \cdot \pi \cdot S}}$$

R= 2.6 cm

Note: The ERP power estimate is based on measured values in a single polarization. An additional 3 dB is added to the ERP to account for the antenna emitting both horizontal and vertical polarized waves.

STATEMENT: During Normal operating conditions, the user does not hold this device. It is normally placed beside a computer or game console, and the user is viewing the TV or computer screen. There is little risk that the user will be exposed RF energy exceeding the limit during normal operation.

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Jason Gosior Date



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