

Declaration of Compliance

FCC ID: BEJ9QK-HW904PA (Class II Permissive Change)
Product Name: Wireless DVD Receiver
Model No: XV-THG51

LG Electronics Inc. declares that the product described above has been evaluated and found to comply with the RF exposure limits for humans, as specified based on ANSI/FCC recommendation. Based on safety distance 20cm, the antenna gain is 0.94dBi, and the power output is 27.42mW, the power density is 0.0059mW/cm².

RF Exposure Calculations:

$$S = (P * G) / (4 * \pi * r^2) \text{ or } r = \sqrt{(P * G) / (4 * \pi * S)}$$

Where S = Power Density in mW/cm²

P = 13.82dBm = 24.099mW

G = 0.94dBi = 1.24 Numerical

r = 20cm

$$S = 24.099 * 1.24 / 4 * \pi * 20^2 = 0.0059 \text{mW/cm}^2$$

Sincerely,

A handwritten signature in black ink, appearing to read "Ben Cheng", is written over a horizontal line.

Mr. Ben Cheng
Manager
AUDIX Technology Corporation