

Declaration of Compliance

FCC ID: NM8DGH200
Product Name: Media Link HD
Model No: DG H200

Futaba Corporation 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 for 2400 to 2483.5MHz is 1.95dBi= 1.57
5150 to 5250MHz is 3.19dBi= 2.08
5725 to 5850MHz is 1.7dBi = 1.48

The maximum power in **2400 to 2483.5MHz** is 22.70dBm= 186.21mW

RF Exposure Calculations:

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

$$S = 186.21 * 1.57 / 4 * \pi * 20^2 = 0.058 \text{mW/cm}^2$$

The maximum power in **5150 to 5250MHz** is 14.704dBm= 29.54mW

RF Exposure Calculations:

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

$$S = 29.54 * 2.08 / 4 * \pi * 20^2 = 0.012 \text{mW/cm}^2$$

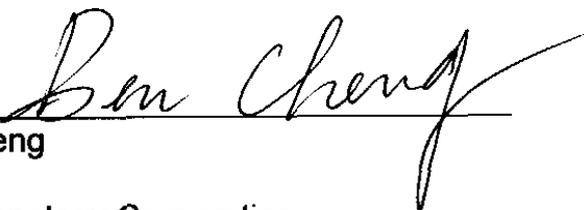
The maximum power in **5725 to 5850MHz** is 22.08dBm= 161.44mW

RF Exposure Calculations:

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

$$S = 161.44 * 1.48 / 4 * \pi * 20^2 = 0.048 \text{mW/cm}^2$$

Sincerely Yours,



Mr. Ben Cheng
Manager
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