

**MPE Calculation****Applicant : Chamberlain Group****Type of Equipment : Frequency Hopper****Model No. : LA500****FCC ID : HBW7545****RF Exposure Calculations:****FCC 2.1091**

The following information provides the minimum separation distance for the highest gain antenna provided with the as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 0.6mW/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

**Where****P = 11.64 mW (Maximum peak output power)****G = 1.12 Numerical Antenna gain; equal 0.5dBi****r = 20.0 cm****For: HBW7545 S= 0.052 mW/cm<sup>2</sup>**