FCC ID: HBW7549
UL Project #: 11CA23108

MPE Calculation
Applicant : Chamberlain Group
Type of Equipment : Frequency Hopper
Model No. : 001D7549
FCC ID : HBW7549

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, T able (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^2 uncontrolled exposure limit. The Friis formula used was:

S = (P * G) / (4* π * r2)
Where
P = 37.9 mW (Maximum peak output power)
G = 1.23 Numerical Antenna gain; equal 0.9 dBi
r = 20.0 cm
For: HBW7549 the S = 0.00927mW/cm^2