MPE Calculation
Applicant : Philips
Type of Equipment : 900MHz DTS Transceiver
Model No. : LCN7330P
FCC ID : VBO-LCN7330P
IC ID: 135Y-LCN7330P

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 & RSS-102, Issue 4. 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 (6W/m^2) uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4* \pi * r_2)$$
Where
P = 6.564mW (Maximum peak output power)
P = 19.95mW (Maximum power based on tolerance) 13dBm
G = 2.07 Numerical Antenna gain; equal 3.15dBi
r = 20.0 cm
For: LCN7330P S = 0.0082 mW/cm^2(0.82W/m^2) – USING THE MAXIMUM POWER 13dBm