

5-Dec-03					
Aperto Networks					
Class 2 Permissive change					
FCC ID: PS6R3000-A2					
RF Hazard Distance Calculation					
mW/cm2 from Table1:		1.00			
Max RF Power	TX Antenna	MPE			
P, dBm	G, dBi	Safe Distance, cm			
20.0	15.0	15.9			
Basis of Calculations:					
$E^2/3770 = S$, mW/cm2					
$E, V/m = (P_{watts} * G_{gain} * 30)^{.5} / d$, meters					
$d = ((P_{watts} * G * 30) / (3770 * S))^{.5}$			$P_{watts} * G_{gain} = 10^{(Pd_{Bm} - 30 + Gd_{Bi}) / 10}$		
NOTE: User manual requires minimum 1.5 m separation regardless of					
calculated value					