

Tecom									
FCC ID: D6XWM5347N									
2,4 GHz WiFi									
3.65 GHz Part 90Z									
Calculate mW/cm2 here. Enter frequency in MHz:									
Calculation of Limits from 1.1310 Table 1									
Controlled									
Uncontrolled									
Ave 6 min									
Ave 30 min									
mW/cm2 from Table1:									
1.0									
1.0									
F(MHz)									
Actual F, MHz									
0.3-3									
0.5									
Occ, mW/c2									
Gen, mW/cm2									
100.0									
100.0									
Max RF Power									
TX Antenna									
MPE distance									
S, mW/cm@									
Comment									
3.0 - 30.0									
5									
30.0-300									
55									
300-1500									
902									
1500-100000									
5555									
5.0									
1.0									
22.56									
0.00									
3.8									
0.036									
2.4GHz									
pbc antenna									
20.13									
6.21									
5.9									
0.086									
3.65 GHz									
custom internal									
Total @ 20cm									
0.122									
Enter P(mW)									
Equivalent dBm									
Enter dBm									
Equivalent Watts									
Basis of Calculations:									
895.4									
29.52									
29.52									
895.4									
E^2/3770 = S, mW/cm2									
E, V/m = (Pwatts*Ggain*30)^.5/d, meters									
d = ((Pwatts*G*30)/(3770*S))^0.5									
Pwatts*Ggain = 10^(PdBm-30+GdBi)/10)									
S@20cm = 20 log (MPE dist/20cm)									
NOTE: For mobile or fixed location transmitters, minimum separation distance is for FCC compliance is 20 cm,									
even if calculations indicate MPE distance is less									