S=PG/4PiR2

S = Power Density mW/m2
P = Power (mW)
R = Distance to the center of radiation of the antenna (m)
G = Maximum antenna gain dBi

Freq. =	928
P =	12.5
R=	0.015
G =	1
DC =	<1

Power Density (mW/m2)	=	4423.213022
Power Density (mW/cm2)	=	0.442321302

Limit in the 300-1500MHz BAND is f/300 3.093333333

Table 1—Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3–3.0	614	1.63	*(100)	6
3.0–30	1842/f	4.89/f	*($900/f^2$)	6
30–300	61.4	0.163	1.0	6
300–1500			f/300	6
1500–100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*($180/f^2$)	30
30–300	27.5	0.073	0.2	30
300–1500			f/1500	30
1500–100,000			1.0	30

f = frequency in MHz

* = Plane-wave equivalent power density