S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to isotropic
R = distance to the center of radiation of the antenna

S=GP/(4PiR^2)

	800 MHz Cell			15.249		
output power	34.40	(dBm)	EIRP	-9.33	(dBm)	EIRP
output power	2754	(mW)		0.12	(mW)	
antenna gain	0	(dBi)		0	(dBi)	
antenna gain	1.000	(numeric)		1.000	(numeric)	
distance	20	(cm)		20	(cm)	
duty cycle	25	(%)		5.6	(%)	
frequency	824.2	(MHz)		907.9	(MHz)	
MPE limit	0.549	(mW/cm^2)		0.605	(mW/cm^2)	
power density	0.137	(mW/cm^2)		0.00000130	(mW/cm^2)	
margin	6.0	(dB)		56.7	(dB)	

combined	0.25	<	1