

	PowerG		Wi-Fi	
output power	15.00	(dBm)	20.95	(dBm)
output power	32	(mW)	124	(mW)
antenna gain	1	(dBi)	0.5	(dBi)
antenna gain	1.26	(numeric)	1.12	(numeric)
distance	20	(cm)	20	(cm)
duty cycle	100	(%)	100	(%)
frequency	912.75	(MHz)	2400	(MHz)
MPE limit	0.61	(mW/cm^2)	1.0	(mW/cm^2)
power density	0.0079	(mW/cm^2)	0.028	(mW/cm^2)
margin	18.9	(dB)	15.6	(dB)
PD/Limit	0.013		0.028	

sum 0.041 < 1

PD= $GP/(4\pi R^2)$

	Zwave						
f MHz	dBuV/m	uV/m	V/m	R m	EIRP W	EIRP mW	PD mW/cm^2 at 20 cm
908.4	89.4	29512	0.030	3	0.00026	0.26	5.2E-05
Limit	0.61	mW/cm^2					
PD/Limit	0.000086						