S = GP / (4x pi x R^2)

S = power density
P = power
G = antenna gain
R = distance

	UPCS		BT	
output power	19.90	(dBm)	0.40	(dBm)
output power	97.7	(mW)	1.10	(mW)
Antenna gain	1	(dBi)	2.7	(dBi)
antenna gain	1.26	(numeric)	1.86	(numeric)
distance	20	(cm)	20	(cm)
Duty Cycle	100	(%)	100	(%)
frequency	1900	(MHz)	2400	(MHz)
MPE limit	1.0	(mW/cm^2)	1.0	(mW/cm^2)
Power density	0.0245	(mW/cm^2)	0.000406	(mW/cm^2)
Margin	16.1	(dB)	33.9	(dB)

combined =	0.0245	+	0.000406	0.0249	<1