S = power de	nsity						
· ·	out to the antenn	а					
G = power ga	in of the antenna	a in the dir	ect	ion of interest re	lative to	isotropic	
R = distance	to the center of r	adiation o	f th	e antenna			
	GSM/GPRS			DSS			
output power	29.92	(dBm)		12.19	(dBm)		
output power	982	(mVV)		17	(mVV)		
antenna gain	2.15	(dBi)		0.5	(dBi)		
antenna gain	1.64	(numeric) 1.12		(numeric)			
distance	20	(cm)		20	(cm)		
duty cycle	100	(%)		100	(%)		
frequency	849	(MHz)		928	(MHz)		
MPE limit	0.566	(mVV/cm^2)		0.619	(mW/cm^2)		
power density	0.320	(mVV/cm^2)		0.00370	(mVV/cm^2)		
margin	2.47	(dB)		22.2	(dB)		
Combined =	0.320/0.566	+		0.00370/0.619	=	0.572	<