

Name of test: Environmental Assessment

Specification: FCC: 47 CFR 1.1310

Cellular CDMA

	MPE Calculated
Frequency, MHZ	836
Limit	$f/1500 = 0.5573 \text{ mW/cm}^2$
Calculated Limit Distance	$= [1.0/(12.56 \times 5.573)]^{1/2}$
	$= 0.119526 \text{ m} = 11.95 \text{ cm}$
Emission Limit at 20cm	$2.80 \text{ mW/cm}^2$

PCS CDMA

	MPE Calculated
Frequency, MHZ	1880
Limit	$1.0 \text{ mW/cm}^2$
Calculated Limit Distance	$= [1.0/(12.56 \times 10.00)]^{1/2}$
	$= 0.089229 \text{ m} = 8.92 \text{ cm}$
Emission Limit at 20cm	$5.02 \text{ mW/cm}^2$

Calculated By:



David E. Lee, Quality Assurance Manager