

Compliance Certification Services

Radiated Power (ERP)
22.913(a)

8/14/01
A-Site (3 meter)
Kerwin Corpuz

CYBERBANK CORPORATION
800MHz CDMA/AMPS Dual Mode Cell Phone (CB-0801US)

***** AMPS *****

frequency (MHz)	SA reading (dBuV)	SG reading (dBm)	CL (dB)	Gain (dBi)	ERP (dBm)	Limit (dBm)	Margin (dB)
fundamental (LOW)							
824.64V	90.3	24	0.2	0	23.8	38.45	-14.65
824.64H	90.5	24.2	0.2	0	24	38.45	-14.45
fundamental (MID)							
836.52V	90.5	24.3	0.2	0	24.1	38.45	-14.35
836.52H	90.4	24.2	0.2	0	24	38.45	-14.45
fundamental (HI)							
848.37V	90.5	24.4	0.2	0	24.2	38.45	-14.25
848.37H	90.1	24	0.2	0	23.8	38.45	-14.65

Spot Check X, Y and Z AXIS of EUT. Worse case position X axis.

NOTE: H=horizontal and V=vertical

SA: Spectrum Analyzer

SG: Signal Generator

CL: cable loss (6ft) N TYPE

Gain (dBi): Gain difference between substitution antenna and the dipole

ERP = SG reading - CL + Gain (dBi)

Margin = ERP - Limit