EXHIBIT 11 - MPE CALCULATION DATA

Model: IX300 with two co-located transmitters listed below.

1.) AirCard775, (WAN) GSM850 S (mw/cm^2) at 20cm = 0.14529791

Tx Freq: 836.6 MHz Antenna Gain: -2.8 dBi
Max Peak Conducted Power @ antenna terminal input: 31.44 dBm

Channel #	Frequency (MHz)	Peak Power (Watts) GSMK Mode	Peak Power (dBm) GSMK Mode
(Ch.128)	824.2	1.39	31.43
(Ch.190)	836.6	1.39	31.44
(Ch.251)	848.8	1.37	31.38

2.) AirCard775, (WAN) PCS1900 S (mw/cm^2) at 20cm = 0.218403386

Tx Freq: 1850.20 MHz Antenna Gain: 2.0 dBi
Max Peak Conducted Power @ antenna terminal input: 28.41 dBm

Channel #	Frequency (MHz)	Peak Power (Watts) GSMK Mode	Peak Power (dBm) GSMK Mode
(Ch.512)	1850.2	0.684	28.35
(Ch.661)	1880.0	0.693	28.41
(Ch.810)	1909.8	0.687	28.37

3.) WM168b-Molex, (WLAN) S (mw/cm^2) at 20cm = 0.0039

Tx Freq: 2412 MHz Antenna Gain: -3.04 dBi
Max Peak Conducted Power @ antenna terminal input: 16.03 dBm

Frequency GHz	Power dBm	Cable loss	Corrected Level dBm	Ant. Gain dBi	EIRP
2.412	15.45	.58	16.03	-3.04	12.99
2.437	15.30	.58	15.88	-3.04	12.84
2.462	14.97	.58	15.55	-3.04	12.51

No Multiple Frequency Exposure

The AC775 WAN and WLAN cannot transmit at the same time therefore there is no Multiple Frequency Exposure.

General Population/Uncontrolled

Prediction of MPE Limit OET Bulletin 65, Edition 97-01

$$S = PG/4\pi R^2 \qquad R = \sqrt{PG/4\pi S}$$

S= power density
P= power input to the antenna
G= power gain of the antenna in the direction of interest relative to an isotropic radiator
R= distance to the center of radiation of the antenna

1.) AirCard775, (WAN) GSM850

Tx Frequency:	836.60	MHz
Max. Peak Power Antenna Input Terminal:	31.44	dBm
Antenna gain:	-2.80	dBi

S=	0.56	(mW/cm^2)
P=	1393.1568	(mW)
G=	0.52	(numeric)
R =	10.21	(cm)

S (mw/cm^2) at 20cm = 0.14529791

2.) AirCard775, (WAN) PCS1900

Tx Frequency:	188000	MHz
Max. Peak Power Antenna Input Terminal:	28.41	dBm
Antenna gain:	2.00	dBi

S=	1.00	(mW/cm^2)
P=	693.4258	(mW)
G=	1.58	(numeric)
R =	9.35	(cm)

S (mw/cm^2) at 20cm = 0.218403386

3.) WM168b-Molex, (WLAN)

Tx Frequency:	2412.00	MHz
Max. Peak Power Antenna Input Terminal:	16.03	dBm
Antenna gain:	-3.04	dBi

S=	1.00	mW/cm^2)
P=	40.0867	(mW)
G=	0.50	(numeric)
R =	1.26	(cm)

S (mw/cm^2) at 20cm = 0.003956028