Effective Radiated Power Data Sheet

Inet Incorporated
Spider II Wireless Modem

SERIAL #: 8
DATE: November 10, 1998
PROJECT #: 98-284
Mode: AMPS

MEASUREMENT DISTANCE (m): 10
MEASUREMENT HEIGHT: 1.8 meter
EUT Orientation: 265

EIRP

Channel Setting	EUT Ant. Polar.	Meas. Ant. Polar.	Freq. (MHz)	Recorded Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Level (dBuV/m)	EIRP (Watts)
991	V	V	824.1	87.1	21.9	4.4	113.4	0.3921
991	V	H	824.1	78.3	21.9	4.4	104.6	0.0517
991	H	H	824.1	82.5	21.9	4.4	108.8	0.1359
991	H	V	824.1	72.3	21.9	4.4	98.6	0.0130
367	V	V	836.0	86.9	21.9	4.4	113.2	0.3744
367	V	H	836.0	76.8	21.9	4.4	103.1	0.0366
367	H	H	836.0	82.5	21.9	4.4	108.8	0.1359
367	H	V	836.0	71.8	21.9	4.4	98.1	0.0116
799	V	V	848.9	85.0	22.1	4.4	111.5	0.2531
799	V	H	848.9	73.6	22.1	4.4	100.1	0.0183
799	H	H	848.9	80.4	22.1	4.4	106.9	0.0878
799	H	V	848.9	70.4	22.1	4.4	96.9	0.0088

Corrected Level = Recorded Level + Antenna Factor + Cable Loss

COMMENT #1: All measurements for this test based on peak measurement methods

COMMENT #2:

TEST ENGINEER:_____ **APPROVED BY**: _____
John O'Brien Jeffery Lenk

Effective Radiated Power Data Sheet

Inet Incorporated
Spider II Wireless Modem

SERIAL #: 8
DATE: November 10, 1998
PROJECT #: 98-284
Mode: CDPD

MEASUREMENT DISTANCE (m): 10
MEASUREMENT HEIGHT: 1.8 meter
EUT Orientation: 262

EIRP

Channel Setting	EUT Ant. Polar.	Meas. Ant. Polar.	Freq. (MHz)	Recorded Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Level (dBuV/m)	EIRP (Watts)
991	V	V	824.1	87.7	21.9	4.4	114.0	0.4502
991	V	H	824.1	79.4	21.9	4.4	105.7	0.0666
991	H	H	824.1	82.2	21.9	4.4	108.5	0.1269
991	H	V	824.1	73.2	21.9	4.4	99.5	0.0160
367	V	V	836.0	86.6	21.9	4.4	112.9	0.3494
367	V	H	836.0	77.8	21.9	4.4	104.1	0.0461
367	H	H	836.0	83.0	21.9	4.4	109.3	0.1525
367	H	V	836.0	74.0	21.9	4.4	100.3	0.0192
799	V	V	848.9	84.2	22.1	4.4	110.7	0.2106
799	V	H	848.9	74.1	22.1	4.4	100.6	0.0206
799	H	H	848.9	79.8	22.1	4.4	106.3	0.0764
799	H	V	848.9	71.3	22.1	4.4	97.8	0.0108

Corrected Level = Recorded Level + Antenna Factor + Cable Loss

COMMENT #1: All measurements for this test based on peak measurement methods

COMMENT #2:

TEST ENGINEER:_____ **APPROVED BY**: _____
John O'Brien Jeffery Lenk