

Nemko EESI, Inc.
FCC, 15.247(b), Maximum Peak Output Power Data Sheet (revised)
(3m Open Area Test Site)

Client: **Solctek**
EUT: **Tranceiver**
Model #: **SkyWay (w/multiple antennas)**

Conducted by: C. Rickard
Date of Test: **12/17/99**

Frequency (MHz)	Antenna	Gain (dBi)	Measured Power (dBm)	Fanout box loss (dB)	Output Power (dBm)	Ant. Cable Loss (dB)	Antenna Total EIRP (dBm)	Allowable EIRP (dBm)	Margin (dB)
2407.000	Maxrad Omni	6.0	14.3	12.1	26.4	1.1	31.3	36.0	-4.7
2440.000	Maxrad Omni	6.0	14.2	12.1	26.3	1.1	31.2	36.0	-4.8
2470.000	Maxrad Omni	6.0	13.7	12.1	25.8	1.1	30.7	36.0	-5.3
2407.000	Tecom*	8.0	14.3	12.1	26.4	1.1	33.7	37.6	-3.9
2440.000	Tecom*	8.0	14.2	12.1	26.3	1.1	33.6	37.6	-4.0
2470.000	Tecom*	8.0	13.7	12.1	25.8	1.1	33.1	37.6	-4.5
2407.000	Hirschmann Omni	11.0	11.4	12.1	23.5	1.1	33.4	36.0	-2.6
2440.000	Hirschmann Omni	11.0	12.1	12.1	24.2	1.1	34.1	36.0	-1.9
2470.000	Hirschmann Omni	11.0	11.7	12.1	23.8	1.1	33.7	36.0	-2.3
2407.000	SuperPass*	12.0	14.3	12.1	26.4	1.1	37.3	40.0	-2.7
2440.000	SuperPass*	12.0	14.2	12.1	26.3	1.1	37.2	40.0	-2.8
2470.000	SuperPass*	12.0	13.7	12.1	25.8	1.1	36.7	40.0	-3.3
2407.000	Conifer*	16.0	14.3	12.1	26.4	1.1	40.8	42.3	-1.5
2440.000	Conifer*	16.0	14.2	12.1	26.3	1.1	40.7	42.3	-1.6
2470.000	Conifer*	16.0	13.7	12.1	25.8	1.1	40.2	42.3	-2.1
2407.000	Tiltek*	17.4	14.3	12.1	26.4	1.1	42.7	43.7	-1.0
2440.000	Tiltek*	17.4	14.2	12.1	26.3	1.1	42.6	43.7	-1.1
2470.000	Tiltek*	17.4	13.7	12.1	25.8	1.1	42.1	43.7	-1.6
2407.000	RSI*	17.0	14.3	12.1	26.4	1.1	42.3	43.3	-1.0
2440.000	RSI*	17.0	14.2	12.1	26.3	1.1	42.2	43.3	-1.1
2470.000	RSI*	17.0	13.7	12.1	25.8	1.1	41.7	43.3	-1.6
2407.000	RSI*	22.0	11.4	12.1	23.5	1.1	44.4	46.7	-2.3
2440.000	RSI*	22.0	12.1	12.1	24.2	1.1	45.1	46.7	-1.6
2470.000	RSI*	22.0	11.7	12.1	23.8	1.1	44.7	46.7	-2.0
2407.000	PAC MON*	24.0	11.4	12.1	23.5	1.1	45.8	47.6	-1.8
2440.000	PAC MON*	24.0	12.1	12.1	24.2	1.1	46.5	47.6	-1.1
2470.000	PAC MON*	24.0	11.7	12.1	23.8	1.1	46.1	47.6	-1.5

*indicates Point-to-Point antenna (all other antennas are multipoint type)

Test Conditions: Standard radiated "pre-scan" emissions test set up in a shielded enclosure. The coaxial emissions were read on the HP8900D Peak Power Meter.