

<i>Nemko EESI, Inc.</i>		11696 Sorrento Valley Road, Suite. F, San Diego, CA 92121 Phone (858) 793-9911 Fax (858) 259-7170		
DATE	DOCUMENT NAME	SUBMITTAL #	FCC ID	PAGE
12/20/99	Solctek Corporation SkyWay Wireless LAN Bridge FCC 'C' Certification Report	99-244	KA324WAN5	D1

APPENDIX D

MAXIMUM PEAK OUTPUT POWER

TEST RESULTS

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

Client: **Solectek**
EUT: **Tranceiver**
Model #: **SkyWay 9w/multiple antennas)**

Conducted by: *C. Richard*
Date of Test: **12-17-99**

Frequency (MHz)	Antenna	Gain (dBi)	Radio Power (nW)	Attenuated fanout box (dB)	Cable Loss (dB)	Antenna Total EIRP (dBm)	Allowable EIRP (dBi)	Margin (dB)
2407.000	Mixrad Omni	6.0	27.1	12.1	1.1	31.3	36.0	-4.7
2440.000	Mixrad Omni	6.0	26.2	12.1	1.1	31.2	36.0	-4.8
2470.000	Mixrad Omni	6.0	23.5	12.1	1.1	30.7	36.0	-5.3
2407.000	Tecom	8.0	27.1	12.1	1.1	33.7	37.6	-3.9
2440.000	Tecom	8.0	26.2	12.1	1.1	33.6	37.6	-4.0
2470.000	Tecom	8.0	23.4	12.1	1.1	33.1	37.6	-4.5
2407.000	Hirschmann Omni	11.0	27.1	12.1	1.1	36.3	39.3	-3.0
2440.000	Hirschmann Omni	11.0	26.2	12.1	1.1	36.2	39.3	-3.1
2470.000	Hirschmann Omni	11.0	23.5	12.1	1.1	33.4	39.3	-5.9
2407.000	SuperPass	12.0	27.1	12.1	1.1	37.3	40.0	-2.7
2440.000	SuperPass	12.0	26.2	12.1	1.1	37.2	40.0	-2.8
2470.000	SuperPass	12.0	23.5	12.1	1.1	36.7	40.0	-3.3
2407.000	Conifer	16.0	27.1	12.1	1.1	40.8	42.3	-1.5
2440.000	Conifer	16.0	26.2	12.1	1.1	40.7	42.3	-1.6
2470.000	Conifer	16.0	23.5	12.1	1.1	40.2	42.3	-2.1
2407.000	Tiltek	17.0	27.1	12.1	1.1	42.3	43.7	-1.4
2440.000	Tiltek	17.0	26.2	12.1	1.1	42.2	43.7	-1.5
2470.000	Tiltek	17.0	23.4	12.1	1.1	41.7	43.7	-2.0
2407.000	RSI	17.0	27.1	12.1	1.1	42.3	43.7	-1.4
2440.000	RSI	17.0	26.2	12.1	1.1	42.2	43.7	-1.5
2470.000	RSI	17.0	23.4	12.1	1.1	41.7	43.7	-2.0
2407.000	RSI	22.0	13.9	12.1	1.1	44.4	46.7	-2.3
2440.000	RSI	22.0	16.3	12.1	1.1	45.1	46.7	-1.6
2470.000	RSI	22.0	14.7	12.1	1.1	44.7	46.7	-2.0
2407.000	PMANT	24.0	13.9	12.1	1.1	45.8	47.6	-1.8
2440.000	PMANT	24.0	16.3	12.1	1.1	46.5	47.6	-1.1
2470.000	PMANT	24.0	14.7	12.1	1.1	46.1	47.6	-1.5

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.