

Nemko EESI, Inc.		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
03/08/00	Solectek Corporation SkyWay Wireless LAN Bridge FCC 'C' Certification Report	99-244	KA324WAN5	D2

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

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

Conducted by: 
Date of Test: **12-17-99**

Frequency (MHz)	Antenna	Gain (dBi)	Radio Power (dBm)	Attenuated fanout box (dB)	Cable Loss (dB)	Antenna Total EIRP (dBi)	Allowable EIRP (dBi)	Margin (dB)
2407.000	Mixrad Omni	6.0	14.3	12.1	1.1	31.3	36.0	-4.7
2440.000	Mixrad Omni	6.0	14.2	12.1	1.1	31.2	36.0	-4.8
2470.000	Mixrad Omni	6.0	13.7	12.1	1.1	30.7	36.0	-5.3
2407.000	Tecom	8.0	14.3	12.1	1.1	33.7	37.6	-3.9
2440.000	Tecom	8.0	14.2	12.1	1.1	33.6	37.6	-4.0
2470.000	Tecom	8.0	13.7	12.1	1.1	33.1	37.6	-4.5
2407.000	Hirschmann Omni	11.0	14.3	12.1	1.1	36.3	39.3	-3.0
2440.000	Hirschmann Omni	11.0	14.2	12.1	1.1	36.2	39.3	-3.1
2470.000	Hirschmann Omni	11.0	13.7	12.1	1.1	33.4	39.3	-5.9
2407.000	SuperPass	12.0	14.3	12.1	1.1	37.3	40.0	-2.7
2440.000	SuperPass	12.0	14.2	12.1	1.1	37.2	40.0	-2.8
2470.000	SuperPass	12.0	13.7	12.1	1.1	36.7	40.0	-3.3
2407.000	Conifer	16.0	14.3	12.1	1.1	40.8	42.3	-1.5
2440.000	Conifer	16.0	14.2	12.1	1.1	40.7	42.3	-1.6
2470.000	Conifer	16.0	13.7	12.1	1.1	40.2	42.3	-2.1
2407.000	Tiltek	17.4	14.3	12.1	1.1	42.7	43.7	-1.0
2440.000	Tiltek	17.4	14.2	12.1	1.1	42.6	43.7	-1.1
2470.000	Tiltek	17.4	13.7	12.1	1.1	42.1	43.7	-1.6
2407.000	RSI	17.0	14.3	12.1	1.1	42.3	43.3	-1.0
2440.000	RSI	17.0	14.2	12.1	1.1	42.2	43.3	-1.1
2470.000	RSI	17.0	13.7	12.1	1.1	41.7	43.3	-1.6
2407.000	RSI	22.0	11.4	12.1	1.1	44.4	46.7	-2.3
2440.000	RSI	22.0	12.1	12.1	1.1	45.1	46.7	-1.6
2470.000	RSI	22.0	11.7	12.1	1.1	44.7	46.7	-2.0
2407.000	PAC MON	24.0	11.4	12.1	1.1	45.8	47.6	-1.8
2440.000	PAC MON	24.0	12.1	12.1	1.1	46.5	47.6	-1.1
2470.000	PAC MON	24.0	11.7	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.

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APPENDIX D REVISION

MAXIMUM PEAK OUTPUT POWER

TEST RESULTS