

<b>Nemko EESI, Inc.</b>		<b>11696 Sorrento Valley Road, Suite. F, San Diego, CA 92121</b> <b>Phone (858) 793-9911 Fax (858) 259-7170</b>		
<b>DATE</b>	<b>DOCUMENT NAME</b>	<b>SUBMITTAL #</b>	<b>FCC ID</b>	<b>PAGE</b>
3/15/00	Soltek Corporation SkyWay Wireless LAN Bridge FCC 'C' Certification Report	99-244 (Rev. A)	KA324WAN5	4

## 2.2 Soltek SkyWay Transceiver System Specifications

Product Name:	SkyWay Wireless LAN Bridge
Serial Number:	N/A (Pre-production)
Type of Equipment:	DSSS Transceiver
Modulation:	2 Mbits/s QPSK, 5.5 Mbits/s MOBK, 11 Mbits/s CCK
Chip Rate:	11Mchips/s
Operating Frequency:	2407 – 2470 MHz
Number of Channels:	11 Channels
Channel Spacing:	6 MHz
Bandwidth (6dB OBW):	12MHz maximum
Power Rating:	26dBm direct (High Power) 16dBm direct (Low Power)
Antenna Gain:	Accommodates Soltek issued antennas with gains ranging from 6dBi to 24dBi
Emission Designation:	Direct Sequence Spread Spectrum, 2.4GHz ISM Band
Emission Designator:	22MOX7D
Oscillator Frequencies:	32.768KHz, 44MHz, 50MHz, 560MHz (IF LO), 2160MHz (RF LO) 280MHz (IF), 2440MHz (RF)