

FCC Certification Report for the LA24001AZL WLAN PC Card Class II Permissive Change

EXHIBIT 4

RF EXPOSURE INFO

Conf # EA97670 Sumit Date: 5/23/2000 FCC ID: **H9PLA24001AZL**



RF Exposure Antenna Summary

Network Systems Organization

Source Based

Mobile DC Factor: 0.600

Portable DC Factor: 0.320

FCC ID: H9PLA24001A	ZL
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WLAN PC Card, 1 Mbps, CR-1, Lo Power

Output Power: 100 mW

Class II Permissive Change

	Body Worn Antennas									
Ant No	Model	Symbol P/N	Туре	Gain (dBi)	Cabel Loss (dB)	Pout (dBm)	EIRP (mW)	TR Status	Device Type	Tx Limited
01.	Oniel BFA	50-21900-023	Slot	0.0	0.39	19.61	29.3	Requested	Body Worn	



Antenna List by FCC ID

Network Systems Organization

FCC ID: H9PLA24001AZL WLAN PC Card, 1 Mbps, CR-1, Lo Power

Output Power: 100 mW

Grant Date	Ant #:	Model	Symbol P/N	Mfg	Mfg P/N
9/20/96					
	01	Plane	50-21900-008	Tecom	505042C(48IN)
	02	Rubber Duck	50-21900-007	Cushcraft	RBN2400SXR
	03	End Cap, 6 Pin	50-21900-009	Tecom	505068E
	04	Pipe Bomb 11"x4'	50-11901-048P	Cushcraft	S2403BHPS48RBN
	04.1	Pipe Bomb 11"x15'	50-11901-180P	Cushcraft	S2403BHPS180RB
Applied For					
	1	Oniel BFA	50-21900-023	Tecom	703620

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Oneil BFA / Oneil MMCX Antenna

The **Oneil** antenna is 0 dBi omnidirectional in azimuth plane. It is available with eirher a MuRatta BFA or MMCX connector. It is mounted as an internal antenna on the O'Neil MicroFlash series of portable belt worn printers. In its use it would be within 5 cm of a users body. It is used in portable devices.

Location	Body worn
Pattern	Omni
Туре	Slot
Max Gain	0 dBi
Physical	See attached dwg
Cable	MXYH75 or RG-178
Symbol P/N	50-21900-023
	50-21900-031
EIRP	See Summary Tbl

Note: This antenna is only to be used with a transmitter that produces an EIRP of less than 200 mW. For an EIRP of more than 200 mW a SAR test must be performed.



Antenna Installation Photo



Device use Photograph.

