



---

**Mobile and Wireless Systems Division**

Norman H. Nelson  
Symbol Technologies, Inc.  
6480 Via Del Oro  
San Jose, CA 95119-1208  
Voice: (408) 528-2649  
FAX: (408) 528-2740  
norm@sj.symbol.com

Federal Communications Commission  
Equipment Approval Services  
P.O. Box 358315  
Pittsburgh, PA 15251-5315

**Re: Certification request for the Symbol model LA-4111 Wireless LAN PCMCIA card****FCC ID: H9PLA4111**

Date: September 28, 1999

To The Commission:

This certification request is for the Spectrum 24 model LA-4111 PCMCIA WLAN Module. The LA4111 is a 2.4 GHz direct sequence 11 Mb/s transceiver incorporated into a PCMCIA package. This request is for certification of a Part 15 transceiver composite device consisting of integrated transmitter operating under 15.247(c) and receiver operating under 15.247(b).

Symbol Technologies, Inc. manufactures information systems that are employed in commercial establishment to assist in controlling inventory. Spectrum 24 is a Wireless Local Area Network (WLAN) used along with hand held computers to assist in information collection typically in retail stores, warehouses, and factories.

The following files are electronically submitted as attachments.

Exhibit Type	File Name	Confidential
Block Diagram	BlkDia.pdf	X
Cover Letters:	CvrLet.pdf	
DOC Report	DOC.pdf	
External Pictures	ExtPics.pdf	
ID Label/Location Info	Label.pdf	
Internal Pictures	IntPics.pdf	
Operational Description	OpDesc.pdf	X
Schematics	Schem.pdf	X
Test Report	TstRpt.pdf	
Test Report Attachments	TstRptA.pdf	
Users Manual	UsrMan.pdf	

Note that in the test report (tstrpt.pdf) those tests marked "Test Not Performed" are located in the Test Report Addendum (TstRptA.pdf).

Symbol Technologies, Inc. ("Symbol"), requests that the Block Diagram, Schematics, and Operational Description Exhibits of the above referenced application be withheld from routine availability for public inspection pursuant to Section 0.459 of the Commissions Rules and Freedom of Information Act ("FOIA") Exemption 4, 5 U.S.C. 552(b)(4).

These exhibits consist of "trade secrets [or] commercial or financial information obtained from a person and privileged or confidential", 5 U.S.C. 552(b)(4), and is therefore entitled to protection from disclosure under FOIA.

The documents in question contain trade secrets: detailed technical descriptions, specifications and schematics for a product to be offered for sale. These materials provide particulars on the product design that can be ascertained from inspection of the product itself only with extraordinary expenditures of time and effort, if at all. This information would give Symbol's would-be competitors an unearned and unwarranted competitive advantage.

Moreover, the documents contain "commercial information" within the scope of FOIA Exemption 4. This information is the product of Symbol's investment of money, personnel, and other resources. The result of that investment is a fairly earned position in the marketplace. Premature release of the information threatens substantial and unwarranted harm to Symbol's competitive position.

For these reasons, Symbol has taken pains to keep this technical information confidential, and intends to continue doing so. Symbol customarily withholds this information from persons outside the employ of Symbol and certain of its suppliers and contractors, and even within these groups routinely limits access to persons having a particular need for the information. If the Commission were to make these documents public, it would be giving away hard won fruits of Symbol's labors without compensation.

The filing fee required for this request is submitted by credit card account as entered on Form 159 mailed under separate cover.

If there are any questions about this request, please call me at the number above.

Thank you for your attention.

Respectfully submitted,

Norman H. Nelson