



Network Systems Organization

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

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

Re: Limited Modular Approval for the H9PDM4046

FCC ID: H9PDM4046

Date: April 4, 2001

To The Commission:

I request that the Symbol Technologies model DM4046 be granted a Limited Modular Approval according to DA 00-1407 of June 26, 2000.

This module meets the following requirements of DA 00-1407:

- 1) The module has its own shielding so that it does not rely on the installed device for emissions shielding and to prevent coupling between the RF circuitry of the module and any wires or circuits in the device into which the module is installed.
- 2) The module has buffered digital inputs. The buffering is performed by a custom ASIC chip.
- 3) The module does not have its own voltage regulation. This is why we are requesting a LMA. The module will only be installed in products that have the necessary voltage regulation circuitry.
- 4) The antenna couplings are unique. Either a special spring makes contact with the sleeve of the screw in stud antenna or a Hirose FL series coaxial connector is used.
- 5) The transmitter was tested in a stand-alone configuration.
- 6) The modular transmitter is labeled with its own FCC ID number.
- 7) The modular transmitter complies with the specific rules of Part 15.247. Symbol Technologies will only integrate this module so there are no instructions to be submitted.
- 8) The modular transmitter complies with any applicable RF exposure requirements. A SAR test report for all configurations is included with this application.

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.

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