

Date: February 2 , 2000

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Hypercom
FCC ID: NVA010164-004A
FCC Part 90 Certification

Gentlemen:

Enclosed herewith, please find an application for Part 90 Certification on behalf of Hypercom Corporation, on their Point of Sale Device, SmartICE with a Research in Motion Transmitter, Mobitex.

FCC ID:	NVA010164-004A
TRADE NAME:	Hypercom
MODEL:	SmartICE with a Research in Motion R902M-2-0 Transmitter (FCC ID: L6AR902M-2-0)
EUT TYPE:	Licensed Non-Broadcast Station Transmitter (TNB)
TX FREQUENCY:	896-902 MHz
RF OUTPUT POWER:	2.0 W (Manufacturer rated)
MEASURED ERP:	1.047 W

Enclosed please find: Letter of Authorization, Request for Confidentiality Letter, Letter from Research in Motion authorizing to use Mobitex modem in Hypercom product, ERP Report (Measurement Data, Test set-up photographs.), SAR Report, FCC ID Label, internal and external photographs, block diagram (confidential), Schematic diagram (confidential), technical description and tune-up procedure, parts list (Confidential¹), user manual, and the letter for FCC Part 15, Subpart B compliance.

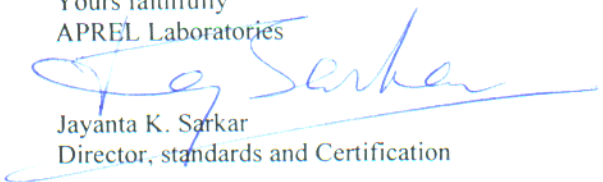
If you have any questions or comments please contact the undersigned at:

Telephone: (613) 820-2730

Fax: (613) 820-4161

e-mail: J.Sarkar@aprel.com

Yours faithfully
APREL Laboratories


Jayanta K. Sarkar
Director, standards and Certification

APREL PROJ. NO.: SmartICE-Mobitex-3366

"SOLUTIONS FOR THE WIRELESS FUTURE"

Table of Contents

**Point of Sale Device
SmartICE with a Research in Motion R902M-2-0
Transmitter, Mobitex
FCC ID: NVA010164-004A**

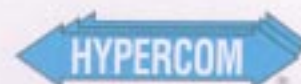
Hypercom

COVER LETTER

- Exhibit 1:** a. Authorization Letter and,
 b. Request for confidentiality
 c. Letter from Research in Motion authorizing to use
 Mobitex modem in Hypercom product
- Exhibit 2:** **Engineering Report (Includes Test Set-up Photographs)**
- Exhibit 3:** **Technical Descriptions and Tune-up Procedure**
- Exhibit 4:** **FCC ID Label**
- Exhibit 5:** **Photographs of the Equipment
 Internal and External**
- Exhibit 6:** **Block Diagram (Confidential)**
- Exhibit 7:** **Schematic Diagram (Confidential)**
- Exhibit 8:** **Parts List (Confidential)**
- Exhibit 9:** **User's Manual**
- Exhibit 10:** **SAR Report (Includes Test Set-up Photographs)**
- Exhibit 11:** **FCC Part 15, Subpart B, DoC letter**

HYPERCOM CORPORATION

2851 West Kathleen Road
Phoenix, Arizona 85053
Tel: (602) 504-5000 Fax: (602) 866-5380



FCC SUBMISSION INFORMATION

FCC ID:	NVA 010164-004
Electronic Serial Number:	Electronic Serial Numbers generated by Oracle are not assigned to units until they are released .
Equipment Type:	Terminal
Model:	SmartIce Mobitex
For:	Certification
Applicant:	Hypercom Corp 2851 West Kathleen Road Phoenix, Arizona, 85053 USA
Manufacturer:	Hypercom Corp 2851 West Kathleen Road Phoenix, Arizona 85053 USA
Evaluated by:	APREL Laboratories 51 Spectrum Way Nepean, Ontario Canada K2R 1E6