



BABT
Claremont House, 34 Molesey Road
Walton on Thames
Surrey, KT12 4RQ
United Kingdom
Telephone: +44 (0)1932 251251
Fax: +44 (0)1932 251252

Ref: US/000091

20 December 2004

To FCC

Direct Dial: +44 (0)1932 251227
E-mail: Hilton.Carr@babt.com
Website: www.babt.com

**Overall Letter in support of Original Grant for INTERMEC SMC46 Radio Module
FCC id: EHASMC46**

This application comprises a Tri-band GSM/GPRS Radio Module within the Intermec 700C Host. The equipment operates under part 22 for the 850 MHz frequencies and under part 24 for the 1900 MHz frequencies. The 1800 MHz frequencies are not intended for use in the USA

I have assessed the exhibits and find it compliant to the appropriate requirements of Parts 22 and 24.

1: Overall Structure

The SMC46 is a badged version of the Siemens MC46 module which was approved under FCC id QIPMC46.

The grantee has stated this application is electrically identical to the Siemens MC46. Accordingly the test reports used for the Siemens Grant are reproduced here. The Siemens MC46 is itself a modification of the Siemens MC45 Module with the 1900 MHz circuitry unchanged between the two products. Consequently one test report cites the FCC id QIPMC45.

This Application additionally approves the EHASMC46 for use in the Intermec 700C Host. This host has both body and Head use.

2: SAR and Accessories

The SAR evaluation has taken into consideration all the listed Accessories, and where applicable the orientations of the device within the accessory

3: Confidentiality Letter

The client has confirmed that the "Theory of Operation" exhibit referred to in the confidentiality letter is the MC46 Hardware interface filed under the "Operating Description" Exhibit. The Antenna descriptions held within that exhibit will not be held confidential.

Yours sincerely

Hilton Carr
Task Manager, Technical and Certification Development
For BABT TCB

