



BABT  
Claremont House, 34 Molesey Road  
Walton on Thames  
Surrey, KT12 4RQ  
United Kingdom  
Telephone: +44 (0)1932 251200  
Fax: +44 (0)1932 251201

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

06 May 2003

**FCC**

### **Filing for EHA700C-SMC45-01**

This product was originally submitted to BABT as a TCB under FCC id EHA700C-SMC45. It was a mobile device within our scope of appointment.

This application is the same device (with a GSM software modification to support GPRS) but now has a new FCC id and is declared as portable apparatus. Due to the co-located radios and SAR considerations this falls outside our formal competence.

The only significant changes in the supporting data are the additional test report for GPRS, an updated user manual to re-introduce the speaker and Microphone functionality, and the SAR reports.

We have reviewed all the data and recommend it to the FCC for filing.  
We did not consider it appropriate to issue a certificate as we were not making the decision but have enclosed an annex to summarize the documentation we have reviewed

Yours sincerely

Hilton Carr  
Task Manager, Certification and Technical Development  
on behalf of BABT TCB

## TCB Recommendation for APPROVAL

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### Description of Equipment

Pen-notepad portable computer with GPRS, IEEE 802.11b and Bluetooth radio modules.

This is a composite device with two grants for different equipment classes using the same FCC ID

**FCC Id: EHA700C-SMC45-1**

**Equipment Class: PCE Licenced PCS Ear held transmitter**

### Relevant Technical Documentation

Exhibit 1: Label:

- 072775\_700C Label Drawing
- 700C GPRS EUT label placement Photograph
- 700C GPRS label photograph

Exhibit 2: Attestation Statement: Not Applicable

Exhibit 3 : External Photos:

- BABT Test Report RO610071 Pages 11-16

Exhibit 4: Block Diagram: Not Applicable

Exhibit 5: Schematics:

- MC\_45 b2.5 Schematic sheets 1 to 5
- MC\_45 b2.5 wiring drawing Top level

Exhibit 6: Technical Report

- BABT Test Report RO610071
- MC45 Module test report Cetecom report no 2-20542043b/02
- GPRS test report RO610071-01

Exhibit 7: Test Set-up Photographs: Not Applicable

Exhibit 8: User's Manual

700C Manual Supplement (Mar 03)  
700C User Manual ( Rev B)  
700C Quick Start Guide

Exhibit 9: Internal Photographs:

BABT Test Report RO610071 Pages 15 to 29  
MC45 Internal Photos

Exhibit 10: Tune-up Procedure:

700C Boms for FCC ID EHA700C-SMC45  
MC45\_b2.5 \_Parts list

Exhibit 11: RF Exposure

Intermec 700C-SMC45 SAR report WS610071 02  
Celltech 700C SAR Test Report 100202284HN2  
Bluetooth module RF exposure report HN22011B

Exhibit 12: Operating Description

MC45\_hd\_01\_v002

Exhibit 13: Cover Letters

Letter from TCB  
FCC TCB Supporting letter  
FCC Report Hierarchy letter  
FCC TCB Letter  
Agents Letter  
FCC Confidentiality letter  
MC45 Confidentiality letter  
MC45 IPR letter

**Equipment Class: DTS Digital Transmission System**

**Relevant Technical Documentation**

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Exhibit 3 : External Photos:

BABT Test Report RO610071 Pages 11-16

Exhibit 4: Block Diagram:

Overall 700C Block Diagram  
Top Level Assembly Dual Band Antenna  
Top Level Assembly Single Band Antenna  
Trilogy 3 Block Diagram  
Trilogy 3 CF Product Specification  
802.11 RF Module Block Diagram

Exhibit 5: Schematics:

WCF2011BE Schematics  
UGTZ2X116A Schematic and Bom

Exhibit 6: Technical Report

BABT Test Report RO610071  
Combined Spurious Emissions Letter dated 20<sup>th</sup> November 2002  
NW-EMC TCB Compliance Opinion  
Symbol Test Report 1-8011 Intertek Testing Service file no 2046983D1  
Symbol Test Report 2-8011 Intertek Testing Service file no 2046983D1  
Symbol Test Report 3-8011 Intertek Testing Service file no 2046983D1  
Spurious Emissions Report 8011 Northwest EMC INMC 0019  
Test Report General Information 8011 Northwest EMC INMC 0019  
Bluetooth Module Antenna-Gain-Test Report  
Bluetooth Module Average time of occupancy Intermec test report 20010809-1  
Bluetooth Module CKC Laboratories test report FC01-057  
Bluetooth Module Hybrid mode test report Intermec Test report 20011018-1

Exhibit 7: Test Set-up Photographs

BABT Test Report RO610071 Page 9  
Test Set-up photos 8011  
EHAABTM3 Test Set-up Photos

Exhibit 8: User's Manual

700C Manual Supplement (Mar 03)  
700C User Manual ( Rev B)  
700C Quick Start Guide

Exhibit 9: Internal Photographs:

BABT Test Report RO610071 Pages 15 to 29  
Internal Photos 1 and 2 8011  
Bluetooth Module Photos 1 and 2

Exhibit 10: Tune-up Procedure: Not Applicable

Exhibit 11: RF Exposure

Intermec 700C-SMC45 SAR report WS610071 02  
Celltech 700C SAR Test Report 100202284HN2  
Bluetooth module RF exposure report HN22011B

Exhibit 12: Operating Description

HN2011B Operational Description  
Antenna Info 8011  
Rev C291s\_w ANT\_Class1\_BB\_UART\_Aug 14-01


Exhibit 13: Cover Letters

Letter from TCB  
FCC TCB Supporting letter  
FCC Report Hierarchy Letter  
FCC TCB Letter  
Agents Letter  
FCC Confidentiality letter  
Intermec Merger Letter  
Model 700C Host Letter  
Intel Authorisation letter  
Intel Confidentiality request letter  
Bluetooth Confidentiality request letter

**Conditions for the validity of this recommendation**

The Antennas must not be co-located or operated with any other antenna or transmitter not described in this application

The supplied user manual must not make any reference to the phone mode of operation.

Signed:  ..... on behalf of BABT	Date: <u>6th May 2003</u> .....
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