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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

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 20th 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)
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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: 6th May 2003