

Description of the MC9000 Family Relationships

The following is intended to assist the FCC reviewer in the understanding of the Symbol MC9000 family of hand-held computers.

Family Building Blocks

The MC9000 family of products are all related. They use the same basic main board but vary in the radio modules included.

There are 5 Radio modules used within the product Family:

- Siemens MC46 (GSM 850 and 1900);
- Siemens MC45 (GSM 1900 only);
- Symbol 802.11 module;
- Symbol Bluetooth module;
- CDMA module.

There are also three variations in the housing as follows:

- Short" housing with the 28 button keypad
- "Brick" housing with the 53 button keypad which is longer and includes an extended length battery
- "Gun" Housing with a handle grip.

BABT acting as TCB

BABT as a TCB have not progressed any applications from this family of products, which include the CDMA module. However, we understand that submissions have been progressed for CDMA based family units through another TCB.

BABT have only been involved with the product family members listed below:

Product s with GSM transmitters

BABT have progressed applications for product family members which include GSM transmitters under the following FCC ids:

- H9PMC9062A, H9PMC9062B, H9PMC9062C, H9PMC9062D
- H9PMC9002A, H9PMC9002B, H9PMC9002C, H9PMC9002D .

Information related to their particular build states is filed under their respective FCC ids.

Products without a GSM transmitter

The MC9060B was originally approved using the "Short" housing and include the

- 802.11
- Bluetooth Modules.

A subsequent Class 2 Permissive Change added the "Brick" housing with additional keys and an alternate battery as an alternative

The RLAN 802.11 module was approved by BABT under the FCC ID H9P2164436 as a radio module.

3 subsequent class 2 Permissive changes involved the addition of the following "Hosts" to the grant

- Short Housing
- Brick Housing
- Gun Housing

(Information related to the Grant for the RLAN module is included for completeness but is not the subject of any of the correspondence finding)

The Bluetooth module was approved by another party under the FCC ID H9P2164381 as a radio module.

A subsequent class 2 Permissive change was progressed by BABT and involved the addition of the following "Hosts" to the grant

- Short Housing

(Information related to the Grant for the Bluetooth module is included for completeness but is not the subject of any of the correspondence finding).

Product Family Accessories

The product has the following declared accessories:

- A holster which is common to family members using a particular housing
- A headset which is common to all the family

For further clarification the reviewer is recommended to contact either Symbol directly or BABT at 34, Molesey Road, Hersham, Walton-on-Thames, Surrey, KT12 4RQ, United Kingdom.



Hilton Carr,

Task Manager , Certification and Technical Development , BABT

10 September 2004.