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To FCC

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FCC id: H9P4121CDMA

SAR Assessment Letter for Symbol DIAD IV Hand Held 4121CDMA device

The 4121CDMA product is a Hand held radio terminal with 3 transmitters .

This product contains the following Radio Modules :

- CDMA Radio Module (EAC PCT) transmitting on the 850 frequency with maximum reported power of 0.145 W and on the 1900 frequency with maximum reported power of 1.58 W
- DTS 802.11b Radio module transmitting on the 2.4 GHz band with maximum reported power as 0.0798 W
- DSS Bluetooth Radio Module transmitting on the 2.4 GHz band and configured with maximum reported power as 0.007 W

The Product has been tested for Body SAR.

The device is capable of co-transmission between the Bluetooth module and the CDMA Radio module (operating on either frequency) .

The Client has declared the 802.11b radio module is not configurable for co-transmission.

I have reviewed the SAR report WS613597/01 and found it satisfactory. The following are the highest reported SAR values for the respective transmitters:

- The highest reported body SAR (tested at touch) for the CDMA Radio Module (transmitting on the 850 frequency) was 0.276 W/kg
- The highest reported body SAR (tested at touch) for the CDMA Radio Module (transmitting on the 1900 frequency) was 0.714 W/kg
- The highest reported body SAR (tested at touch) for the DTS 802.11b Radio module transmitting on the 2.4 GHz band was 0.292 W/kg
- SAR was not measured for the DSS Bluetooth Radio Module transmitting on the 2.4 GHz band as the power was below the low threshold and the transmitter is exempt from routine evaluation
- No testing took place with the CDMA and Bluetooth radios co-transmitting as the Bluetooth radio was low powered and exempt from SAR evaluation.

The test report was reviewed using the standard SAR checklist. No significant deviation was noted. I underwent the FCC SAR evaluation training in May 2003.

The following was noted;

1: Body Test positions

The device was tested at touch in 3 orientations:

- Flat face towards the phantom
- Flat face away from the phantom
- Tilted with the Antenna brought close to the body.

Since the device was compliant when tested at touch no spacing condition has been applied on the grant.

2: Belt Attachment

The QRG refers to a "Belt" attachment. The SAR report references a belt clip p/n UPS-BC5000 but includes no test data using the belt clip .

The client has confirmed that the UPS-BC5000 belt clip is moulded plastic with no metal components.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Hilton Carr', is written over the typed name.

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