



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/000062

30 March 2004

To FCC

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

TCB SAR Assessment of Handheld Product D950009 terminal
FCC id: HD5950009

I have reviewed the SAR report WS611654-001 Issue 1.00

This product contains 3 Transmitters as follows:

- ☐ PCE 1900 MHz GSM with maximum reported power as 933 mW
- ☐ DTS 802.11 with maximum reported power as 16.11 mW
- ☐ DSS Bluetooth Transmitter with maximum reported power as 0.007 mW

Both the DTS and DSS transmitters are subject to Part 15 C, and since they both fall below the low threshold are not subject to routine SAR evaluation.

The remainder of the SAR report covers the SAR tests on the PCE GSM radio.

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;

The maximum head SAR reported was 0.183 W/kg

The maximum body SAR reported at 0.0 mm separation was 0.271 W/kg

1: Separation distance in body worn operation.

The user guide specifies a distance of 15mm for body worn accessories.

Compliance was measured at touch (0 mm) separation. Accordingly the grant has not applied any minimum distance.

2: Co-transmission.

It was noted that the 1900 GSM could co-transmit with the Bluetooth transmitter. However no SAR tests were conducted with both transmitting as the Bluetooth transmitter was so low powered that it was excluded from SAR evaluation and any SAR from it would not be measurable.

Yours sincerely

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