

Ref: US/000099

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To FCC

BABT  
Balfour House, Churchfield Road  
Walton on Thames  
Surrey, KT12 2TD  
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)

FCC id: P6PSND321

### **SAR evaluation for Sendo SND321**

I have reviewed the SAR report 56S041107/01 and am satisfied it demonstrates compliance to the SAR requirements.

This product is a Dual band GSM transmitter supporting for the USA 850 and 1900 MHz frequencies.

The SAR 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 maximum reported head SAR was 0.931 W/kg at 1909.8 MHz; The maximum reported head SAR for the Part 22 Frequency Range was 0.604 W/kg at 848.8 MHz

The maximum body SAR reported using the supplied Belt clip was 0.767 W/kg at 1908.8 MHz .  
The maximum body SAR reported for the Part 22 Frequency Range was 0.507 W/kg at 848.8 MHz

The following was noted.

#### **1. S1 Hands free PHF and clip part numbers:**

The SAR Test Report does not include the part numbers (or other unique identification) of the belt clip and handsfree kit used during test.

The Client have confirmed the following identification information

- Belt Clip: 8P18-60000-00000
- Hands Free PHF: 8P14-02000-20003

#### **2. Belt Clip – Metal content**

The test report does not specify whether the tested belt clip contains any metal

The client have confirmed that the plastic belt clip on the back of the phone case, tested with the phone for SAR compliance, contains a small metal clip. The metal clip provides the spring tension within the clip.

### 3. Orientation of phone within the belt holster:

The SAR report showed that the phone was tested for body SAR with the case in the following orientation.

- Screen at top, keypad facing away from the clip .

The client have confirmed that this is the only orientation applicable to the phone/case combination, as the PHF port is only accessible through the hole in the bottom of the case, connecting to the bottom of the phone, and the display facing out through the clear plastic window.

The client provided photographs demonstrating the construction of the case

### 4. Orientation of the belt holster for Body SAR test :

It was noted that the highest reported Body SAR was when the keypad was face towards the body.

Although this is considered to be an unlikely implementation this SAR value has been used in the grant.

### 5: User Manual Statements

The supplied user manual is intended for global use.  
It includes information about connecting a neck strap,

In the absence of Body SAR results in measured at touch the client has agreed to add to statement in a US Manual Supplement that the neck strap option is not to be used in the USA. . They have supplied the sample wording in an exhibit

Furthermore the User manual states that "Other belt clips/holster" which do not include any metal may be used on condition that they provided a 1.5 cm separation from the body.

In the absence of Body SAR results in measured at 1.5 cm separation the client has agreed to add to statement in a US Manual Supplement that only the "tested" SENDO supplied belt clip may be used within in the USA. They have supplied the sample wording in an exhibit

Yours sincerely



Hilton Carr  
Task Manager, Certification and Technical Development