

**The Canadian Service Center is:**

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If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

"This product meets the applicable Industry Canada technical specification."

**Caution:**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:**

This device complies with FCC Part 15 regulation. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Notice:**

If your home has specially wired alarm equipment connected to telephone line, ensure the installation of this [equipment ID] does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

**CAUTION:** To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 20cm from nearby persons.

**This equipment is hearing aid compatible.**

**The buying Location of Headset:**

**Shop Name: Best Buy**  
**Tel: 1-888-237-8289, website: [www.BestBuy.com](http://www.BestBuy.com)**  
**Address: Corporate Customer Care, P.O. Box 949, Minneapolis, MN 55440**

**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

**Welcome**

Thank you for purchasing the IntelliTouch ITC-5850-2 5.8 GHz Digital Cordless with Talking Caller ID. Your full-function phone is equipped with a fully functional speakerphone base and two handsets. It has an elegant design and is simple to use.

This user's guide is designed to familiarize you with your cordless telephone. We strongly recommend you read the guide before using your phone.

**Features**

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## INTERTEK TESTING SERVICES

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For Specific Absorption Rate (SAR) evaluation of the handset, with reference to TCB Exclusions List revised on July 17, 2002, portable transmitters with output power less than low threshold and operating within 2.5cm from person's body can be certified by TCB without the SAR evaluation. The output power for portable transmitters is defined as the higher of the conducted or radiated (EIRP) source-based time averaging output power. And the low threshold is equal to  $(60/f_{\text{GHz}})$  mW for  $d < 2.5\text{cm}$ , where  $f_{\text{GHz}}$  is mid-band frequency in GHz, and  $d$  is the distance from the portable transmitter to a person's body, excluding hands, wrists, feet, and ankles.

For the handset of the tested model of ITC-5850-2, the measured peak conducted power was 8.69 mW. The maximum source-based time averaging duty factor in double slots operation is 19.6%.

$$\begin{aligned}\text{The conducted source-based time averaging output power} \\ &= (8.69 * 0.196) \text{ mW} \\ &= 1.70 \text{ mW}\end{aligned}$$

The measured maximum field strength (FS) was 105.7 dB $\mu$ V/m. The distance (D) between the antenna and the equipment under test (EUT) was 3 meters. From these data, the radiated (EIRP) source-based time-averaging output power can be calculated by:

$$\begin{aligned}\text{The radiated power} &= (FS * D)^2 / 30 \text{ mW} \\ &= 11.15 \text{ mW}\end{aligned}$$

$$\begin{aligned}\text{The radiated (EIRP) source-based time-averaging output power} \\ &= (11.15 * 0.196) \text{ mW} \\ &= 2.18 \text{ mW}\end{aligned}$$

The low threshold in the 5725 – 5850MHz band is 10.36 mW.

From the above calculation, output power obtained in both method is less than low threshold, it is concluded that the handset can be certified by TCB without the SAR evaluation.