

Connection to party lines is subject to state tariffs.

This equipment is hearing aid compatible.

An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation if this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- \* Consult the dealer or an experienced radio TV technician for help.

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

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.

Privacy of communications may not be ensured when using this phone.

## Product Care

- A. Avoid putting cordless phones near heating appliances and devices that generate electrical noise (motors, fluorescent lamps, etc.)
- B. Avoid rough treatment of the phone by placing the handset gently into the base when hanging up. Avoid dropping the handset.
- C. Clean your cordless telephone only with a soft cloth slightly dampened with water or mild hand soap. Do not use any type of solvent or abrasive cleaner. Before cleaning, always unplug the phone from the wall outlet.
- D. Retain the original packaging should you need to ship the phone at a later date.

## Intertek Testing Services

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For SAR evaluation of the handset, refer to TCB Exclusions List Revised on 17 July 2002. Potable transmitter with output power less than 60/fGHz ( $d < 2.5\text{cm}$ ) can be certified by TCB without the SAR evaluation.

In fact, the Output power for portable transmitters is the higher of the conducted or radiated (EIRP) source-based time-averaged output. And the  $f\text{GHz}$  is mid-band frequency in GHz, and  $d$  is the distance to a person's body, excluding hands, wrists, feet, and ankles.

For the tested model of GH4100, the measured peak conducted power was 109.40mW and the source-based time averaged output power was 20.6mW as TX duty cycle of the handset is 18.8%.

The maximum field strength (FS) was 113.8dB $\mu\text{V/m}$  at 2401.808MHz. The distance (D) between the antenna and the equipment under test (EUT) was 3 meters.

From these data, the EIRP can be calculated by:

$$\text{EIRP} = (\text{FS} \cdot \text{D})^2 / 30$$

$$= 72.0\text{mW}$$

$$\text{Source-based time averaged output power} = (72.0 \cdot 0.19)\text{mW}$$

$$= 13.7\text{mW}$$

Based on the above calculation, it is concluded that the handset can be certified by TCB without the SAR evaluation.