

circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer who has the right to bring a complaint to the FCC if he feels the disconnection is not warranted.

## Interference Information -- USA

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.

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 (that is, the antenna for radio or television that is "receiving" the interference).

Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.

Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problem". This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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

**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. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. 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 into 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.

## **CHANGES IN TELEPHONE COMPANY EQUIPMENT OR FACILITIES**

The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required and proper in its business. Should any such changes render the customer's terminal equipment incompatible with the telephone company facilities, the customer shall be given adequate notice to make modifications to maintain uninterrupted service.

### **General**

The FCC prohibits customer-provided terminal equipment to be connected to party lines or to be used in conjunction with a coin telephone service.

### **Installation**

This device is equipped with a USOC RJ11C standard miniature modular jack and is designed to plug directly into a modular jack.

**\*\*\*THIS TELEPHONE HAS BEEN CERTIFIED AS HEARING AID COMPATIBLE \*\*\***

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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 KT2015, the measured peak conducted power was 73.79 mW. The maximum source-based time averaging duty factor in single slot operation is 8.4%.

$$\begin{aligned}\text{The conducted source-based time averaging output power} \\ &= (73.79 * 0.084) \text{ mW} \\ &= 6.20 \text{ mW}\end{aligned}$$

The measured maximum field strength (FS) was 111 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:

$$\begin{aligned}\text{The radiated power} &= (FS * D)^2 / 30 \text{ mW} \\ &= 37.77 \text{ mW}\end{aligned}$$

$$\begin{aligned}\text{The radiated (EIRP) source-based time-averaging output power} \\ &= (37.77 * 0.084) \text{ mW} \\ &= 3.17 \text{ mW}\end{aligned}$$

The low threshold in the 2400 – 2483.5MHz band is 24.57 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.