

Purchase date _____
Names of store _____

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.

Intertek Testing Services

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 BZ22428, the measured peak conducted power was 110.92mW.

$$\begin{aligned}\text{The conducted source-based time averaged output power} \\ &= (110.92 * 0.084) \text{ mW} \\ &= 9.32\text{mW}\end{aligned}$$

The maximum field strength (FS) was $115.3\text{B}\mu\text{V/m}$ at 2441.664MHz. The distance (D) between the antenna and the equipment under test (EUT) was 3 meters.

From these data, the EIRP can be calculated by:

$$\begin{aligned}\text{EIRP} &= (\text{FS} * \text{D})^2 / 30 \\ &= 101.65\text{mW}\end{aligned}$$

$$\begin{aligned}\text{The radiated source-based time averaged output power} \\ &= (101.65 * 0.084) \text{ mW} \\ &= 8.54\text{mW}\end{aligned}$$

Based on the above calculation, it is concluded that the handset can be certified by TCB without the SAR evaluation and the maximum source-based time-averaging duty factor is 8.4%.