

expressly approved by the party responsible for its compliance could void the user's authority to operate the equipment.

This equipment should not be used on coin telephone lines. Connection to party line services are subject to state tariffs. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use should be discontinued until the problem has been corrected.

Current FCC regulations specify that any direct connections to a telephone company line be done using only standard phone jacks USOC RJ11C and plugs that is TIA-968-A compliant.

**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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for help.

***NOTICE TO HEARING AID WEARERS: This telephone has been registered with the FCC as hearing aid compatible***

**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.**

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

## Intertek Testing Services

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For SAR evaluation of the handset, refer to TCB Exclusions List Revised on 17 July 2002. Portable 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 CY-368B, the measured peak conducted power was 32.06mW.

$$\begin{aligned}\text{The conducted source-based time averaged output power} \\ &= (32.06 * 0.39) \text{ mW} \\ &= 12.50\text{mW}\end{aligned}$$

The maximum field strength (FS) was 109.5dB $\mu\text{V/m}$  at 2441.216MHz. The distance (D) between the antenna and the equipment under test (EUT) was 3 meters.

From these data, the EIRP can be calculated by:

$$\begin{aligned}\text{EIRP} &= (\text{FS} * \text{D})^2 / 30 \\ &= 26.74\text{mW}\end{aligned}$$

$$\begin{aligned}\text{The radiated source-based time averaged output power} \\ &= (26.74 * 0.39) \text{ mW} \\ &= 10.43\text{mW}\end{aligned}$$

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