FCC REQUIREMENTS

Do not attempt to repair or modify this equipment. Changes or modifications not expressly approved by the party responsible for its compliance could void the user's authority to operate the equipment.

Connection to party line services is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

Current FCC regulations specify that any direct connections to a telephone company line be done using only standard phone jacks USOC RJ11C / RJ14C 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.

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 < 2.5cm) 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*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-373, the measured peak conducted power was 53.46mW.

The conducted source-based time averaged output power
= (53.46 * 0.42) mW
= 22.45mW

The maximum field strength (FS) was 112.5BμV/m at 2480.544MHz.
The distance (D) between the antenna and the equipment under test (EUT) was 3 meters.

From these data, the EIRP can be calculated by:

$$EIRP = (FS*D)^2 / 30$$
= 53.35mW

The radiated source-based time averaged output power
= (53.35 * 0.42) mW
= 22.41mW

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 42%.