For SAR evaluation of the headset, refer to TCB Exclusions List Revised on 17 July 2002. Portable 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 BT25, the conducted source-based time averaged output power was (1.2*0.34)mW = 0.4mW.

The maximum field strength (FS) was 93.9dBμV/m at 2480.000MHz. The distance (D) between the antenna and the equipment under test (EUT) was 3 meters.

From these data, the EIRP can be calculated by:

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

$$= 0.7mW$$

Radiated (EIRP) Source-based time averaged output power = (0.7 * 0.34)mW

$$= 0.24mW$$

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