



December 31, 2010

Telefield Ltd
Model: TC25270RE3
FCC ID: MZV2-5270B
Product Description: 1.9GHz Digital Modulation Cordless Headset

Ear Bud SAR exemption:

This device has been excluded from SAR testing based on source-based time-averaged conducted output power is less than 60/f per it operates with a maximum of 1 TDMA slot out of the 24 total slots. This document serves as the RF exposure exhibit in the FCC Form 731 application in lieu of a SAR report and has been reviewed and accepted by the FCC prior to submittal to the TCB.

Operational Description:

The TC25270RE3 is a DECT 6.0 1.9GHz Digital Modulation Cordless Headset. It operates at frequency range of 1921.536MHz to 1928.448MHz with 5 channels. The Headset is powered by a "Li-ion" rechargeable battery pack. Each newly purchased Headset (TC25270RE3) must be registered to a Telefield DECT 6.0 cordless telephone system before use. By simply pressing the central button, the user can pick up the call during phone ringing and to end the call during a call. The headset can adjust its earpiece volume and ringer volume.

RF Exposure Conditions:

The Headset is intended for use in the portable exposure condition and the General Population / Uncontrolled RF exposure environment.

**Transmission Mode:**

The TC25270RE3 cordless Headset utilizes a DECT wireless communication technology with a maximum of 1 TDMA slot out of the 24 total slots.

Duty Cycle:

Under DECT mode, the TC25270RE3 - wireless Headset operates with a maximum of 1 TDMA slot out of the 24 total slots. The length of time for each single slot is roughly the same as $417\mu\text{s}$ and the 24 total slots is 10ms as a transmission period.

RF Output Power:

Tx frequency range: 1921.536 ~ 1928.448MHz

Maximum Output Power: 18.68 dBm (74mW)

Maximum Duty Factor: 4.16%

$60/f(\text{GHz}) \text{ mW} = 31.17\text{mW}$

Source-based time-averaged conducted output power is $3.0784\text{mW} = < 60/f$