



July 09, 2010

VTech Telecommunications Ltd
Model: TL7710
FCC ID: EW780-7812-01
Product Description: DECT 6.0 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 TL7710 is a DECT 6.0 cordless Headset. It operates at frequency range of 1921.536MHz to 1928.448MHz with 5 channels. The Headset is powered by a "Lithium-Polymer" rechargeable battery pack. Each Headset (TL7710) must be registered to its Headset Base unit (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 TL7710 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 TL7710 - 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 420µs and the 24 total slots is 10ms as a transmission period.

RF Output Power:

Tx frequency range: 1921.536 ~ 1928.448MHz

Antenna-to-tissue phantom separation: 2mm

Maximum Output Power: 19.10 dBm (81.28 mW)

Maximum Duty Factor: 4.16%

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

Source-based time-averaged conducted output power is 3.381mW =< 60/f