



## Operational Description

The EUT is a cordless telephone system of one handset and one base unit. Both units use time division duplex(TDD), frequency hopping spread spectrum with differentially encoded MSK modulation scheme in the 900MHz ISM band.

The EUT was operating at 902~928MHz.

The handset unit is powered by 3.7VDC Li-ion battery. The base unit is power by 120VAC/12VDC linear adapter.

The device is equipped with reverse thread proprietary connectors and, therefore, complies with Section 15.203 of the FCC rules.

When the Voice generated into the device, the voice was transferred to digital data by PCM Codec which used Mu-law, 8Kbps G.729A speech coding, and used DSP , AD/DA converter, which use differentially encoded MSK modulation, to generate IF signal, then up-converted the signal to RF.