

1.5 Product Descriptions(Application/Features/Specification)

The EUT is a RF Keyboard. A major technical descriptions of EUT is described as following:

A. Operation Frequency	27.095 and 27.195MHz
B. Modulation Type	FSK
C. Antenna Designation	Integral
D. Number Of Channel	2
E. Channel Spacing	100 KHz
F. Output Power	0.1 mw
G.Operation Methodology	The EUT encoder generates a pulse code serially transmit (typical designation) into the modulator(or called as mixer) stage in circuit. This pulse signal mixed with the carrier at a modulator(mixer) stage by way of FSK mode frequency modulation. The modulation depth is designed such as $\pm 5\text{KHz}$ in this application, that means the pulse(may be at high level state or low level state) will trigger the oscillator to generate a frequency at a specified fundamental frequency $+5\text{KHz}$ or -5KHz , depended on the designation. For example, if the carrier frequency defined as fundamental frequency $+5\text{KHz}$ at high level state, then the alternative carrier frequency will be fundamental frequency -5KHz at low level state.

Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual (Attachment - **E**.)