

1.2. Operation Description

The EUT is a Wireless vehicle safety video system included a 2.4 GHz transmitting function, a 433 MHz transmitting/receiving function. The operation frequency is from 2.414GHz to 2.468GHz with FM modulation and 433 MHz with FSK modulation.

The 2.4 GHz transmitting function have four manually selectable channels were built in the EUT, the signal will be transmitted through 2.4 GHz FM RF signal from the soldered on PCB antenna from EUT to receiver. DC 12V shall be provided for EUT operation.

Aside from the 433 MHz within the system, the dual direction control channel by using 433 MHz channel to control over 2.4 GHz channel for camera signaling and the frequency is automatically swappable to assure of more stable signaling.