



## **Operational Description (FM Transmitter function)**

The EUT is a Wireless Audio Portable FM Linker, DGT-201, to be capable of transmitting audio signals from the Earphone jack on it to FM receiver. It operates on frequencies at 88.1 MHz to 107.9 MHz. There are three buttons on it; middle button turns Power ON and the other buttons change channel UP / DOWN (1 or 0.1 MHz step). See the attached block diagram and schematic.

The EUT is powered from a 1.5V battery or 12V battery on vehicles. The EUT includes the DC/DC converter, increasing/decreasing DC voltage into 3.3V.

All tuning and verification are performed by the manufacture and there are no adjustments required by the user. No external ground is required or used with this transmitter.