



Operational Description (FM Transmitter function)

The EUT is a Portable FM Linker, DGT-301, 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 four buttons on it; left side button turns Power ON and middle button change channel UP / DOWN (1 or 0.1 MHz step) and right side button is memory function. 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.