



FCC ID: YH5-HSFMT172
Model No.: HS-FMT172LCD

1) How does this device operate?

This device is a FM stereo transmitting configuration, which radiates FM wave on the air by modulating the any required signal to the carrier signal. The transmission frequency is set from 88.1 to 107.9MHz (step freq.:0.2MHz)
This product can be powered by an DC to DC regulator within the cigarette-lighter adapter.

2) Provide information on the device and its antenna.

This product is designed to transmits audio signal from iPod, USB flash disk, SD card etc. external audio player to car stereo.
The transmitter utilizes dipole antenna (The antenna length is 13.0cm). The antenna was soldered to PCB

3) How is it installed?

The transmitter is powered from 12V in car. It can be connected to the car power socket outlet only.

4) What test procedure was used?

Operating condition is according to ANSI C63.4-2009

5) If tested in a car, how was it configured/tested?

Not tested in a car, it was tested in a chamber.

6) Was the tuning range properly verified?

The test lab should indicate in the report that the tuning controls were manually adjusted to verify maximum tuning range. EUT was adjusted to work at the selected channels: 88.1 MHz, 98.1 MHz, and 107.9 MHz. The EUT will not allow operation below 88.1 MHz and will not allow operation above 107.9 MHz. Press the "A-" ,"B+" key to select the transmission frequency. We have indicated the testing in the test report, see clause 7.

7) Was the bandwidth properly tested with maximum audio input?

The test was performed with playing typical audio signal with a 2.5 kHz tone at a level 16 dB higher than that required to produce a frequency deviation of 75 kHz.
We have indicated the operating condition in the test report, see clause 6.3.

8) Provide the test report.

Test Report Submitted.

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