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1) How does this device operate?

The device can play MP3 song directly from external USB thumb drive or input music via Phone jack. Music will be transmitted wireless by FM modulation.

2) Provide information on the device and its antenna.

The transmitter's antenna is on PCB layout which is a copper trace on PCB, this is permanently attached antenna and meets the requirements of the section.

3) How is it installed?

Plug into Car Cigarette outlet. The EUT will be powered only by Car cigarette (12Vdc). The USB port is used for USB thumb drive, not intended to connect to PC..

4) What test procedure was used?

Operating condition is according to ANSI C63.4-2003

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

N/A

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.

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

Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the operation frequency. The 200 kHz band shall lie wholly within the frequency range of 88 – 108 MHz. Setup the EUT and simulators as shown in the report. Enable RF signal and confirm EUT active. Modulate output capacity of EUT up to specifications.

8) Provide the test report.

Test Report Submitted.