

FM Cover letter

1. How does this device operate

This device operating frequency range from 88.1 to 107.9MHz , Total 199 channels
Channel separation is 100KHz.

2. Provide information on the device and its antenna

The device is a low power communication device (FM Transmitter) The EUT use integral antenna (Without any antenna connector).

3. How is it installed

This is usually installed in car and antenna is fixed with EUT.

4. What test procedure was used

According to ANSI C63, 10-2009 and FCC Part 15.239

5. If test 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 to 107.9MHz. 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 100 kHz wide centered on the operation frequency. The 100 kHz band shall lie wholly within the frequency range of 88.1– 107.9MHz. 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.



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