

Inquiry:

New Application

Grantee: GT Telecom Co., Ltd.

FCC ID: UZCGFT-4000

EUT Description: FM Transmitter

Equipment Class: DXX

Rule Part: 15.239

Below is the answer to the following FCC questions:

1. How does this device operate?

The device is DC powered through Vehicle lighter socket . And it is operated in a car.

2. Provide information on the device and its antenna

The device is connect to Mobile Ear-Jack and Multimedia devices(MP3,iPodTM,PMP,DMB,Car Navigator etc) audio terminal, transfer altered the audio signal to FM frequency as wireless. Through the FM Radio can enjoy mobile and Multimedia devices with abundant volume and quality. The device has a built in internal antenna to transmit the signal.

3. How is it installed?

- 1) Plug GFT-4000 to Mobile phone Ear-Jack and Multimedia devices(MP3,iPodTM,PMP,DMB,Car Navigator etc)audio terminal with gender.
  - 2) 9 Channels will be rendered from whole radio Bands(88.1~107.9MHz). Choose one channel from the mentioned 9 channels.
  - 3) Play Mobile MP3, DMB and Multimedia devices (MP3,iPodTM,PMP,DMB,Car Navigator etc)
  - 4) Control the volume.(You can enjoy best quality of volume when you control the car audio volume after volume down 1 or 2 levels from the mobile phone's max volume)
  - 5) If you are middle of using mobile phone and Multimedia devices (MP3,iPodTM,PMP,DMB,Car Navigator etc) and get a call, just press send. It leads automatically hands-free.
  - 6) With car audio system can enjoy Multimedia devices (MP3,iPodTM,PMP,DMB,Car Navigator etc)with wireless.
  - 7) Become automatic Power Down after 1 minute and when returns to life.
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4. What test procedure was used?

ANSI C 63.4.

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

It was not tested in a car, it was tested in a open area test site and chamber, because the device does not use external antenna.

Please refer to the test report for more details.

6. Was the tuning range properly verified?

Yes, the lowest channel is 88.1MHz, and the highest channel is 107.9MHz. The tuning controls were manually adjusted to verify maximum tuning range. Please also refer to test report.

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

Yes, The EUT has an audio input port, so the input port was connected to an MP3 Player which was playing a MP3 song. The volume control of the MP3 Player was set to maximum for the testing.

8. Provide a test report.

The report is attached.

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