FM Attestation Letter

APPLICANT: Besstec Electronics (Zhongshan) Co., Ltd.

FCC ID: Z37FM-B

The theory of FM Transmitter (Mode: FM-04):

1) How does this device operate?
   Input Through the audio and Powered by 3V 2 AAA battery or 12V car charger.
   It transmit the audio signal from a external audio source such as MP3 player by a FM transmitter tuned on 88.1MHz and the audio signal can be received by a common FM Broadcasting Radio which is tuned to the same transmitted frequency of the FM transmitter and regenerate the transmitted signal through the FM Broadcasting Radio.

2) Provide information on the device and antenna?
   The transmitter's antenna is a Built-in antenna.

3) How is it installed?
   Powered by 3V 2 AAA battery or 12V car charger.

4) What test procedure was used?
   Operating condition is according to ANSI C63.4-2003.

5) 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 selected channels: 88.1MHz, 98.0MHz, and 107.9MHz. The EUT will not allow operation below 88.1MHz and will not allow operation above 107.9MHz.

6) 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.

7) If tested in a car, how was it configured?
   No, The EUT was tested in a 3m emi-anechoic chamber

8) Does the device operate in a vehicle? Please state that this was verified.

The EUT can operate in a vehicle. It can be connected via Car charger.

9) Provide the test report.
Test Report Submitted.