

FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Feb. 29, 2008

Attention: Application Examiner / Reviewing Engineer  
Re: Confirmation Letter for FM Transmitter  
Applicant: ACTION ELECTRONICS CO., LTD., FCC ID: ATI9R3VOD111

To whom it may concern,

We, Electronics Testing Center, Taiwan, would like to answer following questions for requesting by the TCB, Compliance Certification Services Inc on behalf of our customer, ACTION ELECTRONICS CO., LTD.

1. How does this device operate?
  - ➔ The device is operated from 88.1MHz to 91.1 MHz. It was installed inside a DVD player with 11" LCD monitor. It transmits the audio signal of DVD player and the audio signal can be received by a common FM broadcasting radio which is tuned to same transmitted frequency of the FM transmitter and regenerate the transmitted signal through the FM broadcasting radio.
2. Provide information on the device and its antenna
  - ➔ The device is a simple audio FM transmitter tuned from 88.1MHz to 91.1 MHz to transmit an audio source to a FM broadcasting radio. The block diagram and circuit diagram are attached for your reference.
  - The antenna is an integrated antenna.
3. How is it installed?
  - ➔ The EUT works as a radio station which converts the audio signal from a DVD player with 11" LCD monitor into a radio signal and sends it to nearby radios. Before active the device, tuning the FM broadcasting radio to the frequencies which do not occupied by other FM broadcasted channel. After that, tuning the FM transmitter to that frequency, the audio signal from the DVD player will be heard.
4. What test procedure was used?
  - ➔ ANSI C 63.4: 2003
5. If tested in a car, how was it configured/tested?
  - ➔ It was not tested in a car, but it was tested in an open area test site, because the device does not have external antenna input port.
6. Was the tuning range properly verified?
  - ➔ Yes, the low channel is 88.1MHz, and the highest channel is 91.1MHz. The tuning controls were manually adjusted.

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

→ The EUT was installed inside a DVD player with 11" LCD monitor, so the input of this device was connected internally to this DVD player and played a real DVD. The volume control of the DVD player was set to maximum.

If you have questions or need further information, please contact the undersigned.

Sincerely,



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Will Yauo / Manager of EMC Testing Department II  
Electronics Testing Center, Taiwan