

FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Jun. 26, 2007

Attention: Application Examiner / Reviewing Engineer  
Re: Confirmation Letter for FM Transmitter  
Applicant: CENEC CORP., FCC ID: VEIANT-188

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, CENEC CORP.

1. How does this device operate?

→ The device is operated from 88.1MHz to 107.9 MHz. It transmits the audio signal from an external audio source, a Rear Seat Entertainment system, 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 107.9 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 Rear Seat Entertainment system into a radio signal and sends it to nearby radios. Before active the device, it is connected the audio input socket to the external audio source. Then supplying DC 12V power to the device and switching on the FM broadcasting radio. And then, playing the audio from the external audio source 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 external audio source 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 107.9MHz. The tuning controls were manually adjusted.

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

➔ The EUT has an audio input port, so the input port was connected to a cassette player and played a real music. The volume control of cassette player was set to maximum.

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

Sincerely,

A handwritten signature in blue ink that reads "Will Yauo".

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