1. How does this device operate?

Press MODE button of the main unit or the remote control, the set up will be displayed .The FM output option will be selected. Press M+/M- button to select the FM output ON/OFF.

2. Provide information on the device and its antenna.

Main unit information:
Power: AC input 100~240V, DC output 12V/2A
TFT: 10.2” digital TFT panel .800x3(RGB) x480
SIZE: 310x190x40mm
NET: 1187g
FM output frequency range: 88.0MHZ~108.0MHZ
FM antenna information:
Material:UL1007 24AWG black
Length:220mm±5
Wire dia.:1.35~1.40mm
Ground ring CON. Dia.: Φ2.5*Φ5.0

3. How is it installed?

On the ‘FM ON’ status, Press M+/M- to select the FM output frequency, adjust your FM radio system to the same one, then you will hear the sound.

4. What test procedure was used?

The market sample is tested for low frequency testing at 88.1 MHz，98MHz and high frequency testing at 107.9 MHz.

The radiation test procedure were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.4:2003, The specification used in this report was the FCC Part15 Paragraph 15.239 limits. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dBμV of specification limits), and are distinguished with a "Qp" in the data table. The EUT was under normal mode during the final qualification test and the configuration was used to represent the worst case results.

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

The tested not in a car, Test in 3m Chamber of Compliance Engineering Service (China) EMC Lab. The test performed at the lab located in No.6 Bldg. 35 Jin Ao Industry Technology Yuan Jukeng Rd., Da-Dhui-Keng Cun, Guan Lan Zhen, Bao An Qu, Shenzhen City, China, the FCC Registration: 101879, September 28, 2004.The test method is ANSI C63.4:2003.

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.

This device can be adjusted from 88.0~108.0MHz, user can not tuning the other than preset channel frequency. The tuning controls were manually adjusted to verify maximum tuning range is low frequency: 88.1MHz, high frequency: 107.9MHz.

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

Yes, test was under the module of audio input, the device audio input source from maximum audio input.

8. Provide the test report.

Please refer the FCC ID: VERSK102 test report.