

1) How does this device operate?

**Response:**

- 1 Plug into IPod or similar device and 12Vdc battery Outlet.**
- 2 Press on the power key for a few seconds, then the EUT LED screen display the default frequency.**
- 3 Press the “+” /“-“ to tune FM frequency, then select applicable transmit channel(88.1 MHZ,98.1 MHZ,107.9MHZ).**
- 4 Play the IPod or similar device, then tune the IPod volume to maximum.**
- 5 The Music/Audio will be transmitted from FM19V2 system.**

2) Provide information on the device and its antenna.

**Response:**

**AAMP of Florida,dba AAMP of America use (1.7cm\*0.5cm ) 12uh inductance adding 4cm power cable as antenna**

3) How is it installed?

**Response:**

**The EUT will direct plug into IPod or similar device connector and 12Vdc new battery outlet.**

4) What test procedure was used?

**Response:**

- 1. Plug into IPod and New battery were installed in the equipment under test for radiated emissions test.**
- 2. Setup the EUT according ANSI C63.4:2009**
- 3.This is a handheld device,The radiation emission should be tested under 3-axes(X,Y,Z) position(X denotes lying on the table,Y denotes side stand and Z denotes vertical stand)**
- 4.Maximizing procedure was performed on the six (6) highest emissions in worst mode to ensure EUT is compliant with installation combinations**

5. All data was recorded in the peak and average detection mode for fundamental frequencies and harmonic and spurious frequencies.
6. The EUT was under FM Transmit modulation with signals 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?

**Response:**

The tested not in a car, Test in 3m Chamber of Waltek Service (Shenzhen) Co., Ltd. EMC Laboratory. The test performed at the lab located in 1/F, Fukangtai Building, West Baima Rd., Songgang Street, Bao'an District, Shenzhen 518105, Guangdong, China.

The lab Registration No is 880581

The test method is ANSI C63.4:2009.

6) Was the tuning range properly verified?

**Response:**

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 the selected channels: 88.1 MHz, 98.1 MHz, and 107.9 MHz. The EUT will not allow operation below 88.1 MHz and will not allow operation above 107.9 MHz.

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

**Response:**

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

8) Provide the test report.

**Response:**

Please refer the FCC ID:XBD-FM4 test report