

Date: 2007-09-06

RE: Category 1 - 15.239 FM transmitter

Category 1: FM band modulators / transmitters operating under 15.239 of the FCC rules.

Description:

The Equipment Under Test (EUT) is a [MAXX DIGITAL LTD., 2GB FLASH BASED MP3 PLAYER w/FM TRANSMITTER](#). The EUT continues to transmit while button is being pressed. Modulation by IC; and type is [frequency](#) modulation.

Q1: Describe the operation of the device

A1: [\(Please see user manual\)](#)

[The transmitter is operating at 94MHz-96 bands. The transmitter is powered by a 1.5V.d.c. \("AAA" size battery x 1\) and the transmitting frequency is IC controlled.](#)

Q2: Provide information on the device and its antenna.

A2: [The antenna consists of earphone.](#)

[There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 1.5 Volt \("AAA" size battery x 1\) primary battery.](#)

Q3: How is it installed?

A3: [\(Please see user manual\)](#)

Q4: Describe the test procedure used.

A4: [ANSI C63.4 test method is adopted.](#)

Q5: If tested in a car, describe how was it configured and tested.

A5: [We just test on test table according to ANSI C63.4.](#)

Q6: At the present time, FM transmitters (subject to 15.239) tested in vehicles must also be tested on a test table. Provide both sets of data. All data must be compliant

A6: [See test report](#)

Q7: 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.

A7: [Please see FM transmitter confirmation letter](#)

Q8: Was the bandwidth properly tested with maximum audio input?

A8: [Use Maximum](#)

Q9: Use a typical audio file from a typical device. e.g. do not use a 1 kHz signal from a signal generator.

A9: [During the test, we would use MP3 or CD player input audio signal to EUT and turn max. volume with different sound \(e.g very loud song\) in order to get worst result.](#)

Q10: Provide the test report showing compliance with the rules.

A10: [HKSTC provided test report.](#)