

# ALLIGATOR GAME COMPANY LIMITED

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December 19, 2006

Gentlemen,

Please find below our responses to your Inquiry Tracking Number 734370. If you require more information kindly let us know at your first available opportunity.

1) How does this device operate?

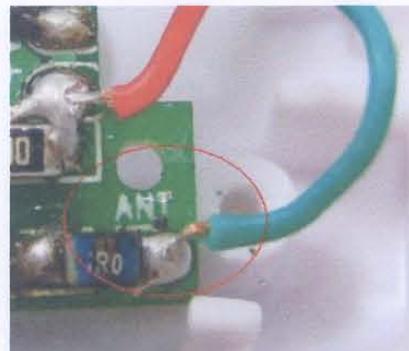
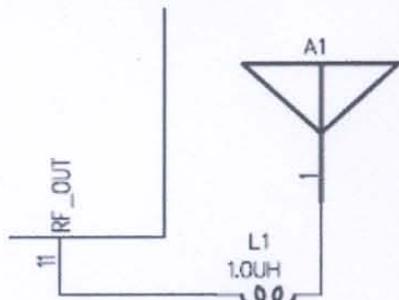
This device is a FM Transmitter with the tuning range from 88.1MHz to 107.9MHz.

①. Audio input (iPod as the audio source) is dealt the impedance, then it be sent to BH1415 transmitter module for modulation and mixer. The audio mix signal sent out by Pin 5; the PLL signal sent by Pin 7. The both signal will be mixed by oscillator circuit diagram. The mixed signal enter BH 1415 from pin 9 and then through amplified and RF circuit. The audio signal be transmitted via the transmit antenna. The transmitter module transmit the FM any one signal form 88.1 to 107.9 according require of the transmitter controller.

②. Operation key, operating the transmitting frequency and memory the frequency.

2) Provide information on the device and its antenna.

The antenna is a permanently antenna (a wire) coupling to the intentional radiator and do not connect to a car. Please refer to the following picture for more details.



3) How is it installed?

Portable, could be played in a car with audio player.

4) What test procedure was used?

ANSI C63.4: 2003 ;FCC Part 15 C Section 15.239.

5) If tested in a car, how was it configured/tested? 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  
**The device was tested on a 3M Compact Chamber on table only. No test data is of in a car.**

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.

**The tuning is done digitally using up/down push buttons. The end user can only select 88.1MHz to 107.9 MHz.**

7) Was the bandwidth properly tested with maximum audio input? Use a typical audio file from a typical device. e.g. Do not use a 1 kHz signal from a signal generator.

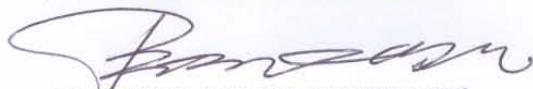
**The device was tested with a music with the maximum audio level (peak level 10mV from iPod).**

8) Provide the test report.

**The test report is provided.**

Best Regards,

*For and on behalf of*  
ALLIGATOR GAME COMPANY LIMITED



.....  
*James Johnson*  
.....

*Authorized Signature(s)*