

(SEATUNE ELECTRONICS CO.,LTD.)

March 7, 2007

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?

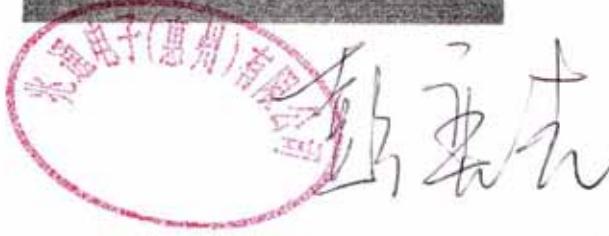
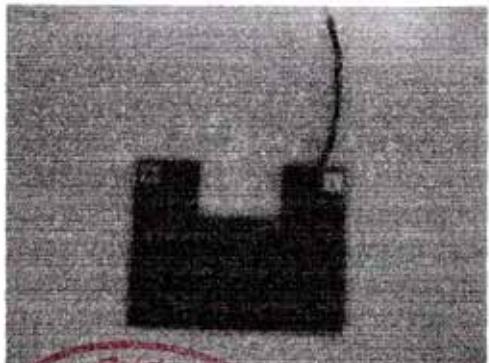
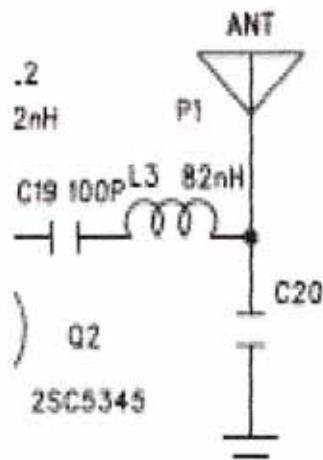
This device is a FM Transmitter with the tuning range from 88.1MHz to 107.9MHz.

The audio frequency signal is imported from the 1<sup>st</sup> and 24<sup>th</sup> foot of IC2, and exported by the 5<sup>th</sup> foot in the format of mix-frequency signal, then get to the cathode frequency modulation of the trans-capacitance diode via C10、R6, it is also controlled by the lock-photograph loop signal DATA which passes by the MPU of IC1, when IC2 receive the modulating surge signal that exported from 7<sup>th</sup> foot, it will pass this signal through C15,C16 and the 10<sup>th</sup> foot of TX-VCO, and then compare to the inner benchmark frequency, at last, the lock-photograph loop press-control voltage FX-PLL is received.

The adjusted transmit frequency signal is added to the basic-pole of Q2 by C18 to magnify the power, the magnified signal is passed by C19, L3, and then transmitted around by the antenna, this signal will be received by radiogram. Please refer to circuit diagram attached for details.

2) Provide information on the device and its antenna.

The antenna is a permanently antenna (a black wire with an extended wire lay on PCB) coupling to the intentional radiator and do not part of the car wiring. Please refer to the following picture for more details.



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3) How is it installed?

Portable, as a accessory of a iPod.

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 perform 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.

Yes. The device was tested with maximum input of a typical song 'New Stores' (Highway Blues) from sample music of Windows XP ® and 'Gauss white noise' from iPod. The maximum input level is nearly 9.0mV.

8) Provide the test report.

The test report is provided.

Best Regards,

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