

i. Describe the operation of the device.

12 V power supply connects to FM-CUP-SANSA by adapter, and turns on in holder the SANSA machine correspondence on the SANSA connection, then turn on the switch.

In the SANSA stereo sound music will return to original state through the FM-CUP-SANSA product by way of the FM frequency band launch to the car radio, transmitting frequency through product on frequency control pressed key realization adjustment;

Other audio equipments stereo sound musics through 3.5 standard audio frequency connections input to FM-CUP-SANSA and launch to car radio return to original state.

ii. Provide information on the device and its antenna.

The FM-CUP-SANSA transmitting antenna is realizes through PCB layout which is ANTENNA (PCB) .

iii. How is it installed?

FM-CUP-SANSA will be fixed in the automobile drink special-purpose support, and connect to the automobile DC power source by adapter, and through SANSA interface or

Penetrates the SANSA connection perhaps 3.5 standard audio frequency connections input audio frequency carries on the stereo sound launch.

iv. Describe the test procedure used.

Tested according to ANSI C63.4-2003 on a test table. Input volume from MP3 was set to maximum.

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

Not tested in a car

vi. 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

Test Report Attached

vii. 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.

Yes. Pg 9 of the test report indicates this.

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

Yes. Pg 9 of the test report indicates this.

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

MP3 player was used for typical real-life application.

2. The statement of changes describes the changes made to the power supply section of the device.

Power changing explanation:

FM-CUP-IPOD (original authentication product) the power circuit is the automobile 12V power source the filter circuit which constitutes after the LC component, outputs 12V/1A to the ipod charge

But the FM-CUP-SANSA power circuit is the automobile 12V power source by way of pulse-duration modulation component TL494 the constitution DC/DC transfer network, outputs 5V/1A to the SANSA charge.

3. If you look at the schematics, you will find that additional changes were made to the audio input circuit of U5 and also to the antenna filter.

Explained about the audio frequency input circuit that,

The audio frequency input circuit skeleton has not made the change in fact, perhaps in the schematic diagram the sign position has with the before another authentication product differently is misunderstood;

Explained about the antenna circuit that,

The antenna partial electric circuits increased the LC harmonic suppression electric circuit, may better filter outside the FM frequency band the overtone, the electric circuit essence said is does not have the change;