

SOARING TECHNOLOGY CO., LTD

1F, No. 34, Chung-Hsing Rd., Hsichih City, Taipei Hsien, Taiwan, R.O.C.

C204V1XXX

Specification for FM Transmitter

1. How is the device installed and operated?

ANS:

The C204V1XXX console assemblies are 7" lcd monitor (single and dual view models) assemblies with a integrated rear slot loading dvd disc players, IR wireless headphone output transmitters, IR remote control, A/V inputs, USB input, and wired audio output (jack) The consoles are intended to be installed in vehicles via a plastic vehicle specific substrate which will allow the factory armrest lid be replaced with the C204V1XXX console/substrate assembly. The Monitors are intended to be installed in passenger vehicles. The Monitors are intended to meet/exceed automotive grade specifications. The monitors will have audio output so audio may be listened through the vehicle's audio system via wired output or Fm wireless transmission. Console will require a latch to withstand ADR21/FMVSS 201 requirements.

-Turn FM wireless transmitter/audio output on-Press the "sound around" button on the remote control

-Turn the FM wireless transmitter/audio output off-Press the "sound around" button on the remote control

-Change the FM station to be broadcast (when in fm transmitter enabled mode)

-Press the "select" button on the remote control

-FM stations (when fm transmitter enabled mode):

odd: 88.3,88.7,89.1,89.5,89.9,90.3,Mhz (when odd stations enabled)

even : 88.4,88.8,89.2,89.6,90.0,90.4 Mhz (when even stations enabled)

2. Information on the device and its antenna

ANS:

This device can be operated from 88.3 to 90.4 MHz. The main function of this EUT is used to encode analog signal to become FM code, and control the transmitter frequency to the radio receivers and broadcast. Because of this function, it could be used to read CD/DVD disc to play music. This transmitter is fed by 12V car power supply.

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3. Describe the test procedure used

ANS:

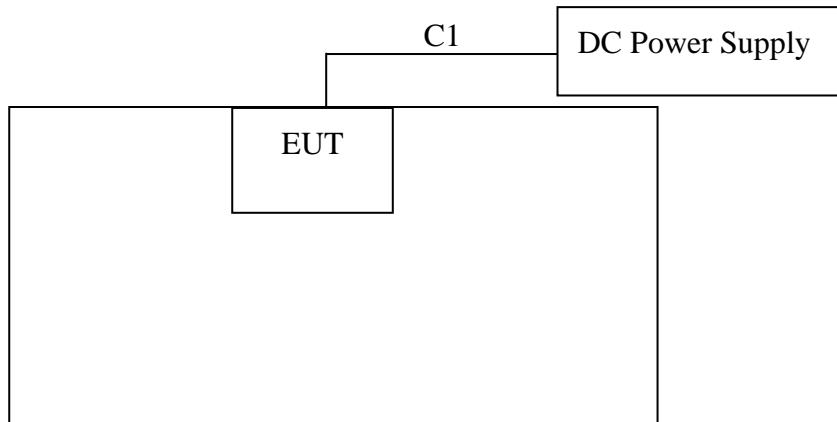
2.5.2.1 Supported Ancillary Equipment

Item	Name of Equipment	Manufacturer	Model Number	FCC ID	Note
1	DC Power Supply	ABM	9306D	N/A	N/A

2.5.2.2 The relevant cables of Supported Ancillary Equipment

Item	Name of Cables	Shielded Used	Ferrite Used	Length	Note
C1	Power line	Non-Shielded	N/A	1.7m	Detachable

2.5.2.3 Setup Configuration



2.5.2.4 Description of Test Mode

The system was configured for testing in a typical arrangement as the manufacturer's declaration. During the test, the CD/DVD player played program and set the volume to the maximum level. There was no special software to be exercised during the test.

There are three channels on EUT, and the operating frequency range of EUT is from 88.3 MHz to 90.4 MHz. We choose the lowest channel (88.3 MHz) and highest channel (90.4 MHz) for main final test, except choosing the lowest channel (88.3 MHz) for Band Edge testing.

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4. Was the tuning range properly verified?

ANS:

Yes, the low channel is 88.3 MHz and the high channel is 90.4 MHz. The tuning control was manually adjusted to verify maximum tuning range.

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

ANS:

Yes, the system was configured for testing in a typical arrangement as the manufacturer's declaration.