

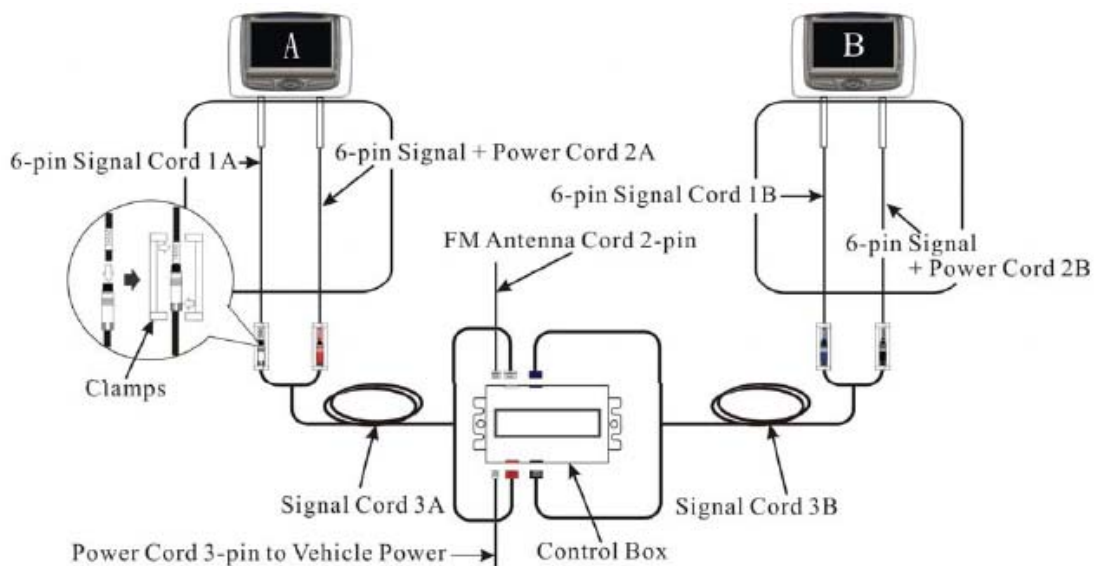
## SCBX-3010-XXXXX Specification for Signal shifter

### 1. How is the device installed and operated?

#### ANS:

Installing the device with Monitor, press the FM on/off button on the remote control to turn on this function, you will hear audio signal come out from car speaker.

The device will installed in passenger area, then connect with monitor to operate, please see the drawing



### 2. Information on the device and its antenna

#### ANS:

This device is a Signal shifter which can be operated from 88.3 to 90.3 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.



### 3. Describe the test procedure used

ANS:

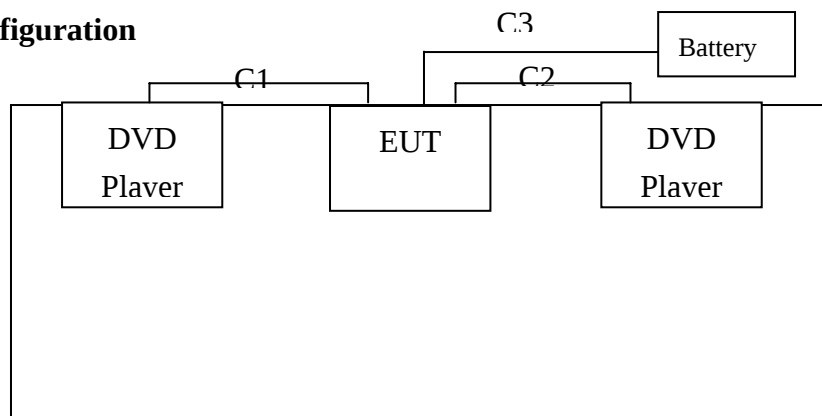
#### 2.5.2.1 Supported Ancillary Equipment

| Item | Name of Equipment | Manufacturer | Model Number | FCC ID | Note |
|------|-------------------|--------------|--------------|--------|------|
| 1    | DVD Player        | INVISION     | SSLM7BA1     | N/A    | N/A  |
| 2    | DVD Player        | INVISION     | SSLM7BB1     | 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   | Data cable     | Non-Shielded  | N/A          | 0.6m   | Detachable |
|      | Data cable     | Non-Shielded  | N/A          | 0.6m   | Detachable |
| C2   | Data cable     | Non-Shielded  | N/A          | 0.6m   | Detachable |
|      | Data cable     | Non-Shielded  | N/A          | 0.6m   | Detachable |
| C3   | 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 90.3 MHz. We choose the lowest channel (88.3 MHz) and highest channel (90.3 MHz) for main final test, except choosing the lowest channel (88.3 MHz) for Band Edge testing.



**4. Was the tuning range properly verified?**

**ANS:**

Yes, the low channel is 88.3 MHz and the high channel is 90.3 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.