

2.2 OPERATIONAL DESCRIPTION

The EUT is a USB FM Transmitter and powered by DC 12V battery via vehicle adapter. The device is normally used in vehicle and transmits audio signals by AUX port or USB port input then receives audio signals via FM radio.

This device has two signal input ports, one is AUX and the other is USB port. The AUX port can link CD player or walkman and USB port can link USB flash drive and play MP3 files. [The AUX mode can not operate when USB mode are operated.](#) The earphone has audio signals out when USB mode operates.

The other instruction and information please refer to user manual.

2.3 TEST MODES & EUT COMPONENTS DESCRIPTION

EUT: USB FM Transmitter, M/N: EF-6226		
Test Mode	Mode 1	Mode 2
	AUX Mode- Channel 1: 88.1MHz Channel 100: 98MHz Channel 199: 107.9MHz	USB Mode- Channel 100: 98MHz
Power Cord	Non-Shielded, 1.4m with core*1 (10mm*20mm*5mm)	

2.4 SUMMARY OF TEST PROCEDURE AND TEST RESULTS

Test Item	Applied Standard Section	Test Result
Conduction Emission	15.207, ANSI C63.4 Section 7	Non Testing
Radiation Emission	15.209, ANSI C63.4 Section 8	Pass (refer to section 3.7.1)
Field Strength of Fundamental	15.239(b), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 3.7.2)
Band Edge	15.239(c), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 3.7.3)
Occupied Bandwidth	15.239(a), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 4.4)