

APPENDIX J

: Operational Description

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- The EUT is FM Transmitter that can transmit Audio signal of AV Equipment (DVD or TV receiver) to the FM Radio receiver in a car.

✎ TX Frequency Range : 88.3MHz - 90.1MHz

✎ Frequency Step : 200KHz

- Device Description

Block	Circuit No.	Name	Description
Transmitter IC	IC 701	BH 1415F	FM Stereo Transmit
RF Oscillator	D 701	KV1471E	Variable Capacitance Diode
	C 716	Capacitor	120pF
	C 715		27pF
	C 717		33pF
	R 713	Resistor	18ohm
	L 701	Reactor	47X
RF Output (Level Adjust)	C 718	Capacitor	102pF
	R 714	Resistor	1.2Kohm
	R 715		47ohm
	R 716		1.2Kohm
PLL Circuit (VCC)	Q 201	Transistor	
	C 714	Electrolysis Cap	22uF
	C 713	Capacitor	473pF
	R 710	Resistor	2.2Kohm
	R 711		100ohm
X-Tal OSC Circuit	X 701	X – tal	7.6MHz
	C 720	Capacitor	27pF
	C 721		27pF

