

APPENDIX J
: OPERATIONAL DESCRIPTION

Operational Description

- ☐ 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 : 88.0MHz - 89.2MHz

↳ Frequency Step : 200KHz

- ☐ Device Description

Block	Circuit No.	Name	Description
Transmitter IC	U1	BH 1416F	FM Stereo Transmit
RF Out	C21	Capacitor	100pF
	R18	Resistor	18 ohm
	R19	Resistor	47 ohm
	R 20	Resistor	47 ohm
	L 5	Inductor	470 nH
VCO and Mixer	Q 1	Transistor	KTC3882
	CE1	Electrolysis Cap	4.7uF/16V
	VD1	DiodeCapacitor	KDV1472V
	C11	Capacitor	33pF
	C15	Capacitor	56pF
	L3	Inductor	120nH
PLL Data In/Out	U2	D/A convert	M62334FP
X-Tal OSC Circuit	X1	X - tal	7.6MHz
	C17	Capacitor	27pF
	C18	Capacitor	27pF

