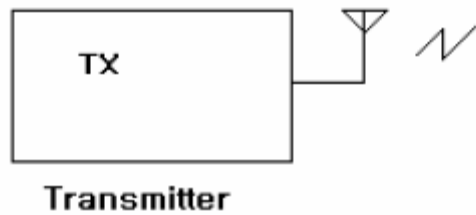


APPENDIX J
: OPERATIONAL DESCRIPTION

OPERATIONAL DESCRIPTION



RNW-3000 is only used for TV Broadcasting Receiver made by KTV Global Corp.

- This document specifies a RF transmitter for KTV Global remote controller
- TX frequency range : $418\text{MHz} \pm 0.5\text{MHz}$
- TX output power level : 0dBm
- The antenna port has given -3 to 0 dBm transmitted power.
- The transmitting data is coming through pin DATA of module.
- X1 is SAW resonator.
- The frequency of this system is 418MHz
- Device description

Name	Description	Part No	Block
Capacitor	12pF	C20	Matching
	1pF	C21	Power
	15pF	C22	Matching
	4pF	C25	Power
Resonator	418MHz	X1	SAW
Inductor	4.7nH	L5	Matching
	6.8nH	L6	Matching
Transistor	STC917	Q4	Amplifier
	STC917	Q5	Oscillator
	SUR498	U1	Swich