

## SPECIFICATIONS:

- **Frequency range:** 1400 - 1485 MHz @ 0 - 5V tuning voltage
- **Frequency range:** 1400 - 1550 MHz @ 0 - 9V tuning voltage
- **Output level:** 1 - 2mW @ 4 - 6V power supply
- **Tuning sensitivity:** 12 - 20 MHz/V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 4 - 6V, 20 - 36mA
- **Dimensions (W x L x H):** 13 x 13 x 4.2 mm
- **Package:** SMD



**Output level Vs. power supply**

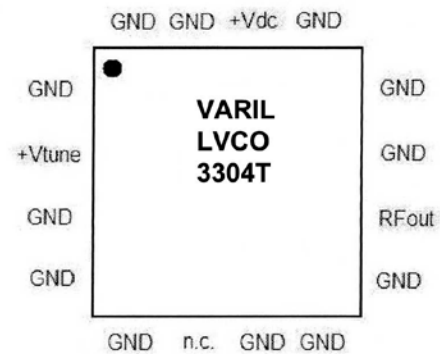
Power supply		Tuning voltage (V)	RF output		Frequency (MHz)
V	mA		mW	dBm	
4	20	8		-0.9	1548
5	28	8		+2.5	1548
6	36	8		+4.8	1549

**Typical frequency Vs. tuning voltage**

(5V power supply)

Tuning voltage (V)	Frequency (MHz)	Output level (dBm)
0	1392	+1.8
1	1418	+2.1
2	1439	+2.3
3	1456	+2.5
4	1476	+2.5
5	1495	+2.7
6	1513	+2.7
7	1533	+2.6
8	1548	+2.5
9	1560	+2.1
10	1568	+1.8

**Top view**



**Bottom view**

