

SPECIFICATIONS:

- **Frequency range:** 1545 - 1700 MHz @ 0.5 - 10V tuning voltage
- **Frequency range:** 1535 - 1750 MHz @ 0 - 14V tuning voltage
- **Output level:** 0.5 - 3mW @ 6 - 9V power supply
- **Phase noise:** -100dBc / Hz @ 25 KHz
- **Tuning voltage:** 0 - 14V
- **Tuning sensitivity:** 15 - 20 MHz / V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 6 - 9V, 16 - 27mA
- **Dimensions (W x L x H):** 9.5 x 15 x 3.7 mm
- **Package:** SMD



Output level Vs. power supply

Power supply		Tuning voltage (V)	RF output		Frequency (MHz)
V	mA		mW	dBm	
5	13	6		-3	1634
6	16	6		0	1634
7	20	6		+2	1634
8	24	6		+3	1633
9	27	6		+4	1632
10	30	6		+5	1632

Typical frequency Vs. tuning voltage

(8V power supply)

Tuning voltage (V)	Frequency (MHz)
0	1530
0.5	1540
1	1550
2	1570
4	1610
6	1635
8	1666
10	1700
12	1730
14	1760
16	1780
18	1790

Bottom view

