

SPECIFICATIONS:

- **Frequency range:** 1490 - 1800 MHz @ 0.5 - 6V tuning voltage
- **Frequency range:** 1470 - 1850 MHz @ 0 - 8V tuning voltage
- **Output level:** 0.5 - 2mW @ 4 - 7V power supply
- **Phase noise:** -100dBc / Hz @ 25 KHz
- **Tuning voltage:** 0.5 - 8V
- **Tuning sensitivity:** 20 - 60 MHz / V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 4 - 7V, 8 - 20mA
- **Dimensions (W x L x H):** 7.6 x 10.2 x 2.5 mm
- **Package:** SMD



Output level Vs. power supply					
Power supply		Tuning voltage (V)	RF output		Frequency (MHz)
V	mA		mW	dBm	
4	7	4		-1	1717
5	9	4		+1	1720
6	12	4		+3	1723
7	14	4		+4	1725

Typical frequency Vs. tuning voltage (5V power supply)	
Tuning voltage (V)	Frequency (MHz)
0	1460
0.5	1492
1	1525
2	1595
3	1665
4	1720
5	1768
6	1805
7	1833
8	1850

