

Voltage Controlled Oscillator

ROS-EDR4247

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
1.0	16.70	1715.1	1704.3	1689.8	4.70	4.66	4.32	-10.8	-18.4	-18.3	3.26	1 10 100 1000	-77 -101 -123 -142
2.0	13.70	1728.9	1718.0	1704.5	4.76	4.82	4.57	-11.4	-18.9	-18.1	3.65		
3.0	14.30	1743.2	1732.4	1718.3	5.19	4.71	4.77	-11.6	-19.3	-17.5	4.22		
4.0	14.20	1757.3	1746.6	1732.2	5.43	5.21	4.69	-12.5	-20.1	-19.0	4.03		
5.0	13.60	1771.8	1760.1	1745.5	5.10	5.36	5.12	-13.0	-20.8	-18.0	4.74		
6.0	13.10	1784.3	1773.3	1757.1	5.58	5.11	5.29	-13.2	-20.4	-19.7	5.50		
7.0	10.60	1795.0	1783.8	1767.7	5.65	5.60	5.19	-14.2	-21.0	-21.9	4.93		
8.0	9.00	1804.9	1792.8	1777.7	5.55	5.72	5.26	-14.7	-21.7	-20.5	5.31		
9.0	8.30	1814.4	1801.1	1785.5	5.47	5.74	5.53	-14.5	-21.7	-21.7	5.82		