

Voltage Controlled Oscillator

ROS-EDR4308/1

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			
0.5	29.60	1716.7	1706.9	1702.7	4.92	5.43	5.22	-24.8	-28.3	-32.1	0.19	1	-82
1.0	25.90	1730.0	1719.9	1715.3	4.91	5.65	5.59	-23.5	-28.0	-31.7	0.26	10	-103
1.5	26.40	1743.6	1733.1	1728.1	5.17	5.49	5.74	-21.3	-27.3	-30.5	0.32	100	-122
2.0	27.00	1757.0	1746.6	1741.8	5.47	6.00	5.80	-20.2	-27.3	-30.3	0.32	1000	-142
2.5	26.80	1771.0	1759.9	1754.9	5.24	6.26	6.23	-18.9	-26.9	-29.6	0.32		
3.0	28.80	1785.9	1774.3	1768.6	6.00	6.00	6.23	-18.3	-25.7	-30.0	0.38		
3.5	28.90	1799.7	1788.8	1783.6	6.42	6.84	6.59	-19.5	-26.7	-30.0	0.38		
4.0	27.60	1814.7	1802.6	1797.6	6.37	7.18	7.05	-20.8	-26.5	-32.2	0.45		
4.5	30.00	1829.0	1817.6	1811.7	7.07	7.24	7.04	-20.4	-26.6	-30.2	0.38		
5.0	27.10	1843.2	1831.2	1826.1	7.22	7.82	7.64	-21.0	-27.7	-31.5	0.45		