

Voltage Controlled Oscillator

ROS-EDR4284/1

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	37.40	2027.1	2017.6	2003.8	-0.72	-1.16	-1.77	-27.3	-25.8	-33.6	0.35	1	-73
1.0	29.60	2041.9	2032.4	2019.8	-0.44	-0.48	-1.44	-26.8	-25.8	-31.5	0.32	10	-100
1.5	28.90	2056.6	2046.8	2033.5	-0.44	-0.34	-0.69	-27.6	-26.3	-34.3	0.32	100	-119
2.0	30.60	2072.0	2062.1	2047.9	-0.02	-0.49	-0.63	-30.3	-25.9	-32.1	0.32	1000	-140
2.5	29.00	2086.7	2076.6	2063.4	0.30	0.10	-0.76	-28.4	-26.9	-33.2	0.19		
3.0	29.30	2102.5	2091.3	2077.4	0.19	0.29	-0.16	-29.1	-27.1	-33.2	0.19		
3.5	30.70	2116.0	2106.6	2091.4	0.97	0.49	0.00	-30.1	-26.8	-33.6	0.10		
4.0	23.30	2128.8	2118.3	2105.3	1.22	1.13	0.09	-31.7	-27.7	-35.2	0.03		
4.5	22.70	2140.8	2129.6	2115.7	0.99	1.29	0.81	-32.7	-27.9	-35.9	0.03		
5.0	21.40	2152.1	2140.3	2125.4	1.27	0.99	0.95	-36.3	-27.4	-33.4	0.06		