

Voltage Controlled Oscillator

ROS-EDR4255/3

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	128.80	2855.5	2832.4	2810.9	5.07	4.99	4.31	-28.8	-28.4	-47.8	-1.54	1	-67
1.0	98.30	2909.9	2881.5	2853.6	4.95	5.00	4.60	-27.8	-28.9	-43.8	-1.34	10	-92
1.5	87.20	2947.3	2925.1	2900.6	5.22	4.90	4.28	-27.5	-30.1	-44.2	-1.15	100	-111
2.0	78.00	2984.4	2964.1	2937.2	4.97	4.72	4.32	-26.5	-30.6	-43.5	-1.79	1000	-134
2.5	62.70	3023.6	2995.5	2967.0	5.13	4.97	4.27	-26.8	-31.0	-44.5	-1.41		
3.0	62.30	3047.8	3026.6	3002.2	5.09	4.99	4.06	-26.3	-33.2	-45.0	-0.96		
3.5	53.40	3083.9	3053.3	3033.9	4.52	5.00	4.24	-26.4	-33.0	-44.5	-0.90		
4.0	60.40	3113.2	3083.5	3057.3	4.30	4.79	4.21	-26.1	-33.4	-44.8	-0.90		
4.5	55.60	3139.0	3111.3	3092.8	3.86	4.57	3.61	-25.8	-34.2	-44.7	-1.09		
5.0	62.50	3159.2	3142.5	3121.3	3.07	4.30	3.12	-24.9	-33.2	-44.8	-0.83		