

Voltage Controlled Oscillator

ROS-EDR4044/1

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			
0.3	110.30	2545.0	2507.8	2469.3	4.69	4.30	3.50	-18.7	-29.7	-46.9	0.90	1	-61
0.5	110.80	2573.2	2535.6	2496.5	4.87	4.66	3.69	-18.2	-27.9	-44.6	0.77	10	-87
0.8	91.60	2597.1	2558.5	2522.6	4.87	4.72	3.71	-17.6	-28.3	-43.6	0.83	100	-108
1.0	103.90	2620.4	2584.5	2543.3	4.96	4.74	4.08	-16.8	-28.3	-41.5	0.83	1000	-131
1.3	91.10	2645.4	2607.2	2568.1	4.76	4.81	3.95	-16.6	-27.0	-39.4	0.77		
1.5	107.50	2670.1	2634.1	2590.7	4.93	4.56	4.20	-16.1	-26.8	-39.6	1.34		
1.8	94.70	2695.8	2657.8	2613.6	4.93	4.97	4.27	-15.9	-28.4	-36.5	0.83		
2.0	100.60	2721.2	2682.9	2637.6	4.96	4.72	4.28	-15.1	-28.3	-37.8	1.15		
2.3	100.60	2746.7	2708.1	2664.0	5.03	4.96	4.31	-15.0	-27.0	-38.5	0.90		
2.5	104.70	2774.6	2734.3	2690.7	4.95	4.85	4.21	-15.3	-27.9	-38.8	1.15		
2.8	111.60	2802.7	2762.2	2716.7	5.03	5.01	4.28	-15.3	-28.6	-41.7	0.90		
3.0	109.30	2829.7	2789.5	2743.1	5.20	4.90	4.28	-14.8	-28.6	-42.1	1.09		
3.3	113.70	2857.1	2817.9	2770.7	5.08	5.05	4.14	-14.6	-28.6	-45.0	0.64		
3.5	107.00	2882.9	2844.7	2797.8	5.04	4.90	4.17	-14.6	-28.8	-46.3	0.51		
3.8	104.20	2908.1	2870.7	2824.4	5.04	4.99	4.22	-14.9	-27.9	-48.2	0.38		
4.0	95.70	2934.0	2894.7	2848.7	4.89	4.92	4.13	-15.2	-27.5	-47.2	0.32		
4.3	99.30	2956.7	2919.5	2872.4	4.98	4.86	4.19	-14.8	-27.1	-50.8	0.45		
4.5	85.80	2979.2	2940.9	2896.5	4.91	4.88	3.98	-15.0	-27.1	-50.0	0.38		
4.8	93.70	2999.6	2964.4	2917.6	4.87	4.71	3.96	-15.0	-26.4	-48.3	0.51		
5.0	79.40	3020.4	2984.2	2940.2	4.93	4.75	3.86	-15.3	-26.7	-52.2	0.19		