

Voltage Controlled Oscillator

ROS-2390-219+

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			
0.0	33.75	2329.4	2320.8	2313.5	-0.38	-0.13	-0.30	-19.5	-29.4	-31.1	0.56	1	-80
0.3	31.79	2337.7	2329.3	2322.0	-0.30	-0.04	-0.20	-19.7	-29.8	-30.2	0.60	10	-106
0.5	30.73	2345.6	2337.2	2330.0	-0.19	0.03	-0.12	-20.0	-29.5	-29.5	0.64	100	-127
0.8	30.27	2353.2	2344.9	2337.6	-0.09	0.14	-0.05	-20.0	-28.7	-29.8	0.66	1000	-147
1.0	30.20	2360.9	2352.5	2345.1	-0.01	0.24	0.06	-20.1	-28.4	-29.6	0.69		
1.3	30.28	2368.5	2360.0	2352.6	0.08	0.33	0.17	-20.0	-28.8	-29.3	0.71		
1.5	30.48	2376.1	2367.6	2360.0	0.14	0.42	0.27	-19.9	-29.4	-30.1	0.73		
1.8	30.96	2383.8	2375.2	2367.5	0.19	0.50	0.36	-19.9	-29.4	-30.8	0.75		
2.0	31.48	2391.7	2383.0	2375.1	0.23	0.56	0.44	-20.0	-28.6	-30.3	0.77		
2.3	32.15	2399.7	2390.8	2382.8	0.29	0.61	0.50	-20.1	-28.8	-30.5	0.79		
2.5	32.79	2407.8	2398.9	2390.7	0.40	0.66	0.55	-20.3	-29.3	-30.8	0.81		
2.8	33.70	2416.2	2407.1	2398.7	0.51	0.75	0.58	-20.3	-29.0	-30.3	0.82		
3.0	34.47	2424.8	2415.5	2406.9	0.64	0.86	0.67	-20.2	-28.6	-30.2	0.85		
3.3	35.09	2433.5	2424.1	2415.3	0.81	0.97	0.76	-20.1	-28.6	-30.8	0.87		
3.5	35.52	2442.4	2432.9	2423.9	0.95	1.14	0.87	-20.1	-29.0	-30.9	0.87		
3.8	35.79	2451.4	2441.8	2432.6	1.04	1.29	1.03	-20.2	-29.2	-31.9	0.87		
3.9	36.00	2456.8	2447.1	2437.9	1.11	1.34	1.12	-20.3	-29.0	-32.7	0.87		
4.3	36.13	2469.6	2459.7	2450.2	1.24	1.49	1.28	-20.5	-29.3	-32.7	0.87		
4.5	36.00	2478.7	2468.8	2459.1	1.30	1.59	1.39	-20.5	-29.5	-33.2	0.85		
4.8	35.61	2487.9	2477.8	2468.0	1.36	1.66	1.48	-20.4	-30.0	-33.9	0.83		
5.0	35.26	2497.0	2486.7	2476.7	1.44	1.71	1.55	-20.5	-29.6	-33.4	0.79		
5.3	34.50	2505.9	2495.5	2485.3	1.52	1.78	1.59	-20.6	-29.8	-34.2	0.75		
5.5	33.49	2514.7	2504.1	2493.8	1.63	1.86	1.64	-20.7	-29.9	-35.1	0.68		
5.8	32.20	2523.2	2512.5	2502.0	1.77	1.94	1.70	-20.9	-29.1	-35.2	0.60		
6.0	32.20	2531.3	2520.5	2509.8	1.90	2.06	1.75	-20.9	-29.0	-36.4	0.53		

