

Voltage Controlled Oscillator

ROS-EDR5937

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			
1.0	43.38	2122.7	2109.3	2093.4	3.53	2.96	1.34	-8.0	-18.2	-25.3	5.86	1	-76
2.0	32.36	2155.5	2141.7	2126.9	4.10	3.44	2.02	-8.4	-18.2	-24.9	6.41	10	-98
3.0	29.56	2184.6	2171.2	2156.6	4.49	3.96	2.55	-8.9	-18.3	-24.9	6.38	100	-120
4.0	28.06	2212.3	2199.3	2184.2	4.68	4.23	2.84	-9.2	-17.8	-24.9	6.33	1000	-139
5.0	27.25	2239.8	2226.6	2211.5	4.71	4.42	3.13	-9.3	-17.6	-26.2	6.58		
6.0	27.89	2267.2	2254.4	2239.3	4.71	4.36	3.25	-9.4	-16.9	-27.2	6.72		
7.0	29.04	2296.2	2283.5	2267.8	4.65	4.52	3.31	-9.5	-17.1	-28.5	6.71		
8.0	29.89	2326.0	2313.4	2298.0	4.67	4.50	3.45	-9.7	-17.3	-29.0	6.76		
9.0	31.82	2357.7	2345.2	2329.6	4.53	4.48	3.58	-9.7	-17.6	-28.5	6.85		
10.0	33.84	2391.9	2379.0	2363.4	4.30	4.36	3.58	-9.8	-18.3	-27.7	6.64		
11.0	35.61	2427.3	2414.6	2399.4	4.15	4.26	3.61	-9.8	-18.8	-26.0	6.57		
12.0	36.38	2463.3	2451.0	2436.0	4.46	4.61	3.80	-10.2	-18.5	-24.8	6.11		
13.0	36.68	2500.0	2487.7	2471.8	4.65	4.83	4.19	-10.9	-19.3	-22.7	5.64		
14.0	35.28	2535.1	2523.0	2507.2	4.83	5.17	4.63	-11.6	-20.0	-24.2	5.10		
15.0	32.78	2568.7	2555.8	2540.2	4.76	5.17	4.72	-12.1	-21.7	-25.7	4.70		
16.0	31.41	2599.9	2587.2	2571.0	4.64	5.26	4.89	-12.1	-23.2	-28.2	4.58		
17.0	28.38	2628.0	2615.6	2599.5	4.47	5.12	4.80	-12.1	-24.1	-29.1	4.37		
18.0	25.69	2654.3	2641.3	2625.1	4.17	4.90	4.81	-12.1	-23.5	-30.4	4.53		
19.0	24.32	2678.4	2665.6	2648.7	3.90	4.68	4.56	-12.0	-25.0	-30.6	4.72		
20.0	21.90	2700.6	2687.5	2670.8	3.82	4.53	4.45	-12.2	-25.1	-31.1	4.70		
21.0	20.37	2721.1	2707.8	2690.9	3.61	4.47	4.36	-12.5	-25.1	-31.2	4.62		