

Voltage Controlled Oscillator

ROS-EDR6398

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	32.56	2273.3	2266.5	2261.3	2.94	3.10	2.80	-26.1	-26.6	-22.0	0.16	1	-82
0.5	28.84	2280.3	2273.8	2268.7	3.02	3.09	2.87	-25.0	-26.2	-21.4	0.17	10	-107
0.8	26.31	2286.8	2280.3	2275.4	3.09	3.15	2.89	-24.1	-26.5	-21.7	0.18	100	-127
1.0	24.92	2292.9	2286.6	2281.7	3.15	3.26	2.92	-24.5	-27.2	-21.3	0.19	1000	-147
1.3	23.60	2298.7	2292.5	2287.6	3.26	3.36	3.01	-23.9	-27.3	-21.1	0.19		
1.5	22.49	2304.3	2298.1	2293.3	3.37	3.46	3.11	-22.9	-27.3	-21.6	0.19		
1.8	21.78	2309.7	2303.5	2298.8	3.43	3.54	3.20	-22.3	-27.5	-21.2	0.20		
2.0	21.15	2314.9	2308.8	2304.1	3.46	3.58	3.25	-22.2	-27.4	-20.7	0.20		
2.3	20.66	2320.1	2314.0	2309.2	3.45	3.58	3.29	-21.8	-27.0	-20.6	0.20		
2.5	20.19	2325.1	2319.0	2314.3	3.44	3.53	3.29	-21.7	-26.3	-21.0	0.20		
2.8	19.82	2330.0	2324.0	2319.3	3.46	3.49	3.26	-21.8	-26.2	-20.7	0.19		
3.0	19.55	2334.9	2328.9	2324.1	3.49	3.51	3.22	-21.9	-26.4	-20.3	0.20		
3.3	19.40	2339.8	2333.7	2329.0	3.52	3.55	3.24	-21.8	-26.3	-20.0	0.20		
3.5	19.20	2344.6	2338.5	2333.7	3.54	3.60	3.27	-21.7	-26.4	-20.0	0.20		
3.8	19.05	2349.4	2343.3	2338.5	3.50	3.59	3.28	-21.6	-26.5	-19.9	0.19		
4.0	18.90	2354.1	2348.0	2343.2	3.46	3.56	3.29	-21.6	-26.2	-20.1	0.19		
4.3	18.82	2358.8	2352.7	2347.9	3.48	3.51	3.29	-21.4	-26.2	-19.8	0.19		
4.5	18.71	2363.6	2357.4	2352.6	3.51	3.50	3.26	-21.5	-26.0	-19.6	0.18		
4.8	18.69	2368.3	2362.1	2357.2	3.53	3.52	3.22	-21.6	-25.8	-19.5	0.18		
5.0	18.80	2373.0	2366.8	2361.9	3.55	3.55	3.21	-21.6	-25.3	-20.0	0.17		
5.3	18.82	2377.8	2371.5	2366.6	3.57	3.57	3.23	-21.5	-24.9	-19.9	0.17		
5.5	18.88	2382.5	2376.2	2371.2	3.57	3.58	3.25	-21.4	-24.7	-19.5	0.17		
5.8	18.90	2387.3	2380.9	2375.9	3.56	3.58	3.25	-21.3	-24.2	-19.4	0.17		
6.0	19.02	2392.1	2385.7	2380.7	3.55	3.57	3.26	-21.3	-23.4	-19.7	0.16		
6.3	19.18	2396.9	2390.5	2385.4	3.52	3.56	3.26	-21.1	-23.0	-19.9	0.16		
6.5	19.22	2401.8	2395.3	2390.2	3.50	3.53	3.25	-20.9	-22.6	-20.1	0.15		
6.8	19.34	2406.7	2400.1	2395.0	3.51	3.49	3.25	-20.8	-22.3	-20.5	0.15		
7.0	19.48	2411.6	2405.0	2399.9	3.54	3.48	3.22	-21.1	-22.6	-20.9	0.14		