

Voltage Controlled Oscillator

ROS-ED12554/1

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			
0.0	3.99	2319.5	2317.4	2314.5	0.12	1.09	1.18	-19.92	-25.12	-32.56	0.14	1	-91
0.5	3.93	2321.4	2319.3	2316.5	0.15	1.12	1.21	-19.67	-24.98	-32.54	0.15	10	-118
1.0	4.31	2323.4	2321.3	2318.5	0.18	1.17	1.28	-19.44	-24.80	-32.83	0.15	100	-138
1.5	5.02	2325.7	2323.6	2320.8	0.21	1.21	1.33	-19.17	-24.48	-33.20	0.15	1000	-158
2.0	5.85	2328.4	2326.2	2323.4	0.25	1.26	1.41	-18.81	-24.23	-33.80	0.12		
2.5	6.36	2331.4	2329.3	2326.4	0.30	1.32	1.49	-18.42	-23.95	-34.10	0.01		
3.0	6.36	2334.5	2332.5	2329.7	0.35	1.39	1.58	-17.98	-23.70	-34.18	0.16		
3.5	5.94	2337.6	2335.6	2332.9	0.44	1.45	1.67	-17.58	-23.53	-33.68	0.34		
4.0	5.22	2340.3	2338.5	2335.8	0.49	1.51	1.74	-17.20	-23.47	-33.36	0.46		
4.5	4.34	2342.7	2340.9	2338.3	0.55	1.56	1.80	-16.89	-23.41	-32.63	0.53		
5.0	3.45	2344.7	2343.0	2340.4	0.59	1.62	1.86	-16.68	-23.48	-32.29	0.54		
5.5	2.64	2346.2	2344.6	2342.0	0.62	1.65	1.89	-16.47	-23.50	-31.95	0.48		
6.0	1.94	2347.4	2345.8	2343.2	0.63	1.67	1.93	-16.35	-23.53	-31.88	0.38		