

Voltage Controlled Oscillator

ROS-EDR4903/2

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	6.30	614.1	612.4	610.5	-1.02	-0.59	-0.66	-16.8	-25.1	-39.9	0.07	1	-92
0.5	5.86	615.6	613.9	612.0	-1.02	-0.61	-0.67	-16.7	-25.0	-39.7	0.07	10	-114
0.8	5.63	617.0	615.3	613.4	-1.02	-0.62	-0.69	-16.7	-24.9	-39.6	0.08	100	-134
1.0	5.54	618.4	616.7	614.8	-1.03	-0.64	-0.70	-16.6	-24.8	-39.6	0.08	1000	-149
1.3	5.52	619.8	618.0	616.2	-1.03	-0.66	-0.72	-16.5	-24.9	-39.9	0.08		
1.5	5.55	621.2	619.4	617.5	-1.04	-0.68	-0.74	-16.5	-24.8	-39.9	0.08		
1.8	5.63	622.6	620.8	618.9	-1.05	-0.69	-0.76	-16.3	-24.7	-40.1	0.08		
2.0	5.74	624.1	622.3	620.4	-1.06	-0.71	-0.78	-16.2	-24.8	-40.0	0.08		
2.3	5.86	625.6	623.7	621.8	-1.07	-0.72	-0.80	-16.1	-24.8	-40.0	0.08		
2.5	6.00	627.1	625.2	623.3	-1.08	-0.74	-0.82	-16.1	-24.8	-40.2	0.08		
2.8	6.14	628.7	626.8	624.8	-1.09	-0.76	-0.84	-15.9	-24.8	-40.2	0.07		
3.0	6.28	630.3	628.3	626.4	-1.10	-0.78	-0.86	-15.9	-24.9	-40.2	0.07		
3.3	6.40	631.9	629.9	627.9	-1.12	-0.80	-0.88	-15.9	-25.0	-40.4	0.07		
3.5	6.49	633.5	631.6	629.6	-1.13	-0.82	-0.90	-15.8	-25.0	-40.7	0.07		
3.8	6.56	635.2	633.2	631.2	-1.14	-0.83	-0.92	-16.0	-25.7	-40.8	0.06		
4.0	6.61	636.9	634.9	632.8	-1.15	-0.85	-0.94	-15.9	-25.7	-41.1	0.06		
4.3	6.62	638.5	636.5	634.5	-1.16	-0.87	-0.96	-15.9	-25.7	-40.9	0.06		
4.5	6.60	640.2	638.2	636.1	-1.19	-0.89	-1.01	-15.8	-25.7	-41.1	0.05		
4.8	6.57	641.9	639.8	637.7	-1.15	-0.91	-0.98	-15.9	-25.9	-40.9	0.05		
5.0	6.52	643.5	641.4	639.4	-1.18	-0.93	-1.01	-15.9	-25.9	-41.2	0.05		
5.3	6.45	645.1	643.0	641.0	-1.19	-0.95	-1.03	-15.9	-25.9	-40.9	0.05		
5.5	6.37	646.8	644.6	642.5	-1.20	-0.97	-1.04	-15.9	-26.0	-41.2	0.05		
5.8	6.29	648.3	646.2	644.1	-1.22	-0.99	-1.06	-16.0	-26.2	-41.3	0.05		
6.0	6.22	649.9	647.8	645.7	-1.23	-1.01	-1.08	-16.0	-26.2	-41.1	0.05		
6.3	6.14	651.4	649.3	647.2	-1.25	-1.03	-1.10	-16.1	-26.2	-41.1	0.05		
6.5	6.04	652.9	650.8	648.7	-1.27	-1.05	-1.12	-16.2	-26.2	-41.0	0.05		
6.8	5.92	654.4	652.3	650.1	-1.29	-1.06	-1.15	-16.2	-26.2	-41.0	0.05		
7.0	5.82	655.9	653.7	651.6	-1.31	-1.08	-1.17	-16.2	-26.1	-41.1	0.05		