

Voltage Controlled Oscillator

ROS-EDR4668/1

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			
0.5	25.86	470.9	468.0	466.6	6.69	7.16	6.67	-17.4	-34.2	-40.4	-0.38	1	-76
1.0	23.30	482.9	479.7	478.1	7.33	7.84	7.28	-18.4	-34.5	-39.4	-0.32	10	-103
1.5	22.02	494.2	490.7	489.0	8.00	8.38	7.74	-19.3	-34.9	-38.1	-0.32	100	-125
2.0	21.63	505.3	501.5	499.6	8.55	8.79	8.15	-19.9	-34.8	-37.4	-0.26	1000	-143
2.5	21.25	516.0	512.1	510.3	8.83	9.08	8.44	-20.6	-35.1	-37.2	-0.38		
3.0	21.50	527.0	522.9	520.9	8.95	9.27	8.57	-21.3	-35.2	-36.3	-0.38		
3.5	21.50	538.0	533.6	531.7	8.99	9.34	8.64	-21.7	-35.5	-35.6	-0.45		
4.0	21.50	549.1	544.4	542.7	9.02	9.35	8.70	-22.4	-35.4	-35.3	-0.58		
4.5	21.63	559.9	555.2	553.4	8.98	9.26	8.75	-22.8	-35.0	-35.1	-0.58		
5.0	21.25	570.6	565.8	563.9	8.81	9.09	8.69	-23.0	-34.5	-35.2	-0.70		
5.5	20.86	581.1	576.3	574.2	8.53	8.87	8.54	-23.3	-34.4	-34.8	-0.70		
6.0	20.48	591.4	586.5	584.3	8.11	8.59	8.29	-23.6	-34.2	-34.5	-0.77		
6.5	19.84	601.3	596.4	594.0	7.67	8.28	7.94	-24.2	-33.7	-34.4	-0.70		
7.0	18.94	610.9	605.9	603.4	7.25	7.97	7.58	-24.2	-33.2	-34.4	-0.64		
7.5	17.92	619.9	614.8	612.4	6.84	7.62	7.28	-24.6	-32.8	-33.8	-0.58		
8.0	17.15	628.5	623.4	620.7	6.43	7.29	7.01	-24.7	-33.0	-33.8	-0.51		
8.5	16.13	636.6	631.5	628.7	6.00	6.97	6.77	-24.7	-33.0	-33.0	-0.45		
9.0	15.36	644.3	639.2	636.3	5.54	6.64	6.49	-24.8	-32.9	-34.5	-0.45		
9.5	14.72	651.6	646.5	643.5	5.09	6.29	6.16	-24.8	-32.5	-32.4	-0.32		
10.0	13.82	658.6	653.4	650.4	4.64	5.96	5.80	-24.8	-32.1	-31.7	-0.32		
10.5	13.31	665.2	660.1	656.9	4.18	5.65	5.41	-24.8	-32.2	-32.1	-0.19		
11.0	12.67	671.6	666.4	663.2	3.73	5.34	5.03	-24.7	-32.6	-31.0	-0.13		
11.5	11.90	677.6	672.4	669.2	3.34	5.05	4.65	-24.6	-32.9	-31.2	-0.13		
12.0	11.65	683.5	678.2	674.9	2.95	4.77	4.31	-24.5	-33.3	-30.9	-0.06		