

Voltage Controlled Oscillator

ROS-EDR5362/1

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	23.22	779.9	776.5	773.2	0.81	1.06	1.15	-13.2	-37.7	-29.4	0.23	1	-85
1.0	22.69	791.6	788.2	784.8	0.91	1.14	1.21	-13.1	-36.0	-31.2	0.45	10	-108
1.5	23.34	803.0	799.5	796.1	0.97	1.16	1.16	-13.1	-32.8	-32.8	0.58	100	-128
2.0	24.51	814.9	811.2	807.6	0.95	0.98	0.94	-13.3	-29.5	-33.2	0.56	1000	-148
2.5	25.95	827.0	823.4	820.1	0.89	0.88	0.72	-13.8	-26.7	-31.9	0.27		
3.0	27.20	840.0	836.4	833.0	0.67	0.70	0.55	-14.7	-24.7	-30.8	0.00		
3.5	27.19	853.9	850.0	846.4	0.47	0.58	0.33	-15.6	-23.4	-30.3	-0.06		
4.0	27.11	867.7	863.6	860.2	0.35	0.47	0.11	-16.1	-22.6	-30.7	-0.16		
4.5	28.12	881.2	877.1	874.2	0.35	0.27	-0.38	-16.6	-22.5	-32.3	-0.66		
5.0	27.93	894.5	891.2	888.4	0.32	-0.33	-0.98	-17.5	-22.7	-33.5	-1.39		
5.5	27.59	908.2	905.2	902.4	-0.30	-0.80	-1.28	-18.6	-23.1	-34.5	-1.46		
6.0	26.85	922.1	919.0	916.1	-1.06	-1.30	-1.62	-19.7	-23.3	-35.8	-1.37		
6.5	25.83	935.6	932.4	929.5	-1.48	-1.67	-1.92	-20.9	-23.6	-37.0	-1.24		
7.0	25.10	948.6	945.3	942.3	-1.83	-1.92	-2.09	-22.1	-23.9	-37.9	-1.15		
7.5	24.58	961.2	957.9	954.8	-2.03	-2.05	-2.17	-23.5	-24.4	-39.5	-1.04		
8.0	23.73	973.6	970.2	966.9	-2.12	-2.14	-2.26	-24.8	-24.7	-40.7	-0.92		
8.5	23.26	985.5	982.0	978.8	-2.25	-2.21	-2.28	-26.2	-25.1	-41.9	-0.88		
9.0	22.71	997.2	993.6	990.3	-2.36	-2.27	-2.31	-27.5	-25.2	-43.2	-0.82		
9.5	22.19	1008.7	1005.0	1001.6	-2.36	-2.30	-2.31	-29.2	-26.0	-45.2	-0.76		
10.0	21.65	1019.8	1016.1	1012.7	-2.38	-2.28	-2.30	-30.8	-26.3	-47.8	-0.73		
10.5	21.07	1030.6	1026.9	1023.5	-2.39	-2.28	-2.30	-32.3	-26.7	-50.7	-0.70		
11.0	20.87	1041.3	1037.5	1034.0	-2.40	-2.28	-2.28	-33.6	-27.0	-54.8	-0.67		
11.5	20.28	1051.7	1047.9	1044.3	-2.32	-2.23	-2.28	-35.5	-27.7	-63.2	-0.64		
12.0	20.28	1061.9	1058.0	1054.4	-2.22	-2.14	-2.18	-36.8	-28.0	-69.0	-0.63		