

Voltage Controlled Oscillator

ROS-ED9632/1

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			
0.3	3.45	440.4	438.8	437.5	11.53	11.19	10.47	-36.2	-40.5	-39.0	0.28	1	-84
0.6	2.96	441.2	439.7	438.4	11.49	11.10	10.39	-35.9	-41.0	-38.7	0.32	10	-110
0.9	2.68	441.9	440.5	439.1	11.44	11.00	10.31	-36.1	-41.0	-38.5	0.35	100	-130
1.2	2.47	442.6	441.2	439.8	11.40	10.89	10.24	-36.3	-41.1	-38.1	0.38	1000	-150
1.5	2.35	443.2	442.0	440.5	11.36	10.78	10.18	-36.2	-41.2	-37.7	0.40		
1.8	2.23	443.8	442.6	441.1	11.33	10.67	10.11	-36.3	-40.8	-37.6	0.42		
2.1	2.18	444.4	443.3	441.7	11.28	10.55	10.06	-36.3	-41.0	-37.4	0.42		
2.4	2.13	444.9	443.9	442.3	11.23	10.43	10.01	-36.5	-40.9	-36.7	0.43		
2.7	2.09	445.5	444.5	442.8	11.19	10.31	9.96	-36.2	-40.5	-36.6	0.42		
3.0	2.05	446.0	445.2	443.4	11.13	10.20	9.91	-36.1	-40.5	-36.4	0.42		
3.3	2.05	446.6	445.8	443.9	11.06	10.08	9.87	-36.3	-40.2	-36.0	0.41		
3.6	2.03	447.2	446.4	444.5	10.98	9.97	9.83	-35.8	-40.0	-35.8	0.39		
3.9	2.04	447.8	447.0	445.0	10.87	9.86	9.79	-35.9	-39.9	-35.5	0.37		
4.2	2.03	448.4	447.6	445.5	10.71	9.75	9.75	-35.6	-39.6	-35.3	0.34		
4.5	2.07	449.0	448.2	446.1	10.45	9.65	9.72	-35.7	-39.7	-35.1	0.32		
4.8	2.09	449.8	448.8	446.6	10.08	9.54	9.68	-35.4	-39.6	-35.0	0.28		
5.1	2.09	450.5	449.5	447.2	9.65	9.44	9.65	-35.2	-39.5	-34.8	0.24		
5.4	2.14	451.3	450.1	447.8	9.21	9.36	9.62	-34.9	-39.1	-34.6	0.20		
5.7	2.17	452.1	450.8	448.3	8.86	9.27	9.60	-34.6	-39.4	-34.5	0.15		
6.0	2.22	453.0	451.4	448.9	8.60	9.19	9.57	-34.3	-39.4	-34.5	0.09		
6.3	2.25	453.8	452.1	449.6	8.38	9.12	9.55	-34.4	-39.3	-34.1	0.02		
6.6	2.29	454.6	452.8	450.2	8.16	9.06	9.53	-34.0	-38.9	-34.4	0.05		
6.9	2.31	455.4	453.5	450.8	7.93	9.01	9.50	-33.8	-38.8	-34.3	0.13		
7.2	2.37	456.3	454.2	451.5	7.69	8.98	9.49	-33.6	-38.8	-34.5	0.21		
7.5	2.39	457.1	454.9	452.2	7.43	8.97	9.47	-33.5	-38.8	-34.7	0.30		
7.8	2.41	457.9	455.6	452.9	7.15	8.98	9.45	-33.3	-38.9	-34.9	0.38		
8.1	2.45	458.8	456.4	453.6	6.89	9.00	9.44	-33.3	-39.2	-35.0	0.48		
8.4	2.45	459.7	457.1	454.3	6.65	9.03	9.43	-33.3	-39.2	-35.5	0.56		
8.7	2.48	460.6	457.9	455.0	6.46	9.06	9.42	-33.3	-39.4	-35.8	0.63		
9.0	2.47	461.5	458.6	455.8	6.31	9.10	9.41	-33.2	-39.7	-36.3	0.68		
9.3	2.50	462.4	459.3	456.6	6.20	9.13	9.40	-33.0	-39.8	-36.8	0.73		
9.6	2.48	463.3	460.1	457.4	6.17	9.15	9.39	-33.4	-40.4	-37.0	0.74		
9.9	2.47	464.2	460.8	458.1	6.18	9.17	9.36	-33.1	-40.4	-37.4	0.74		
10.2	2.45	465.0	461.6	458.9	6.20	9.17	9.35	-33.4	-40.6	-38.0	0.74		
10.5	2.44	465.9	462.3	459.7	6.24	9.18	9.32	-33.4	-40.3	-38.5	0.72		
10.8	2.36	466.6	463.0	460.5	6.34	9.17	9.30	-33.5	-40.9	-38.5	0.69		
11.1	2.33	467.3	463.7	461.2	6.58	9.17	9.26	-33.4	-41.4	-38.9	0.67		
11.4	2.28	467.6	464.4	461.9	7.41	9.15	9.23	-33.4	-41.6	-39.8	0.63		
11.7	2.22	468.0	465.1	462.7	7.91	9.15	9.18	-33.5	-42.6	-40.3	0.60		
12.0	2.15	468.4	465.7	463.4	8.13	9.13	9.13	-33.5	-42.6	-41.3	0.56		