

Voltage Controlled Oscillator

ROS-ED9266A/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	8.62	237.9	236.3	235.4	0.89	0.72	-0.52	-19.5	-29.2	-33.6	0.33	1	-90
0.5	8.05	240.0	238.3	237.4	0.89	0.67	-0.64	-19.7	-29.4	-33.3	0.30	10	-113
0.8	7.90	242.0	240.3	239.4	0.88	0.66	-0.56	-20.0	-29.5	-33.1	0.28	100	-133
1.0	7.93	244.0	242.3	241.3	0.83	0.67	-0.44	-20.2	-29.6	-33.6	0.28	1000	-153
1.3	8.17	246.1	244.3	243.3	0.83	0.63	-0.28	-20.4	-29.8	-33.2	0.27		
1.5	8.49	248.3	246.4	245.3	0.77	0.61	-0.14	-20.7	-29.9	-33.3	0.28		
1.8	8.77	250.4	248.6	247.5	0.77	0.57	-0.21	-21.0	-30.2	-33.4	0.29		
2.0	8.99	252.7	250.9	249.7	0.75	0.56	-0.20	-21.2	-30.4	-33.6	0.34		
2.3	9.04	254.8	253.1	252.0	0.75	0.55	-0.40	-21.5	-30.7	-33.5	0.39		
2.5	9.02	257.0	255.4	254.3	0.75	0.54	-0.37	-21.8	-30.9	-33.5	0.45		
2.8	8.98	259.1	257.6	256.6	0.74	0.52	-0.32	-22.0	-31.1	-33.5	0.54		
3.0	8.74	261.2	259.8	258.9	0.75	0.52	-0.38	-22.2	-31.3	-33.5	0.62		
3.3	8.40	263.1	261.9	261.1	0.75	0.52	-0.39	-22.5	-31.5	-33.7	0.70		
3.5	8.04	265.0	263.9	263.1	0.76	0.50	-0.51	-22.8	-31.7	-33.7	0.79		
3.8	7.55	266.8	265.8	265.1	0.77	0.51	-0.46	-23.0	-32.2	-33.8	0.85		
4.0	7.01	268.4	267.6	266.9	0.80	0.52	-0.47	-23.1	-32.0	-33.8	0.91		
4.3	6.46	269.9	269.2	268.6	0.81	0.53	-0.58	-23.3	-32.3	-33.6	0.95		
4.5	5.98	271.4	270.7	270.2	0.82	0.52	-0.60	-23.4	-32.3	-33.8	0.98		
4.8	5.44	272.7	272.1	271.5	0.86	0.54	-0.40	-23.5	-32.7	-33.8	0.98		
5.0	4.93	273.9	273.3	272.7	0.87	0.57	-0.34	-23.6	-32.8	-33.9	0.97		
5.3	4.43	275.0	274.4	273.9	0.87	0.57	-0.63	-23.6	-32.9	-34.1	0.95		
5.5	3.92	276.1	275.4	274.9	0.88	0.57	-0.69	-23.6	-33.0	-33.7	0.91		
5.8	3.48	277.0	276.2	275.6	0.88	0.58	-0.40	-23.7	-33.1	-33.5	0.86		
6.0	3.03	277.8	277.0	276.4	0.92	0.58	-0.50	-23.9	-32.7	-33.8	0.82		
6.3	2.65	278.5	277.7	277.0	0.91	0.61	-0.42	-23.8	-33.2	-33.7	0.76		
6.5	2.28	279.2	278.2	277.5	0.92	0.61	-0.51	-23.9	-32.9	-33.5	0.70		
6.8	1.97	279.8	278.7	277.9	0.92	0.61	-0.20	-23.9	-33.0	-33.6	0.64		
7.0	1.65	280.3	279.1	278.3	0.90	0.61	-0.30	-24.0	-33.1	-33.7	0.58		
7.3	1.40	280.7	279.5	278.7	0.90	0.60	-0.55	-23.8	-32.7	-33.6	0.53		
7.5	1.19	281.0	279.8	279.0	0.90	0.60	-0.81	-24.0	-33.0	-33.7	0.48		
7.8	0.98	281.4	280.0	279.2	0.92	0.61	-0.82	-24.0	-33.0	-33.7	0.44		
8.0	0.86	281.6	280.2	279.4	0.91	0.60	-0.80	-23.9	-33.0	-33.7	0.41		
8.3	0.72	281.8	280.4	279.5	0.90	0.60	-0.88	-24.0	-32.8	-33.8	0.38		
8.5	0.64	282.0	280.6	279.6	0.90	0.60	-0.40	-24.0	-33.1	-33.9	0.37		
8.8	0.54	282.2	280.7	279.8	0.90	0.60	-0.61	-24.0	-32.9	-33.6	0.35		
9.0	0.50	282.3	280.8	279.9	0.89	0.60	-0.77	-24.1	-33.1	-33.4	0.34		
9.3	0.44	282.4	281.0	280.0	0.90	0.60	-0.49	-24.1	-33.0	-33.5	0.33		
9.5	0.41	282.5	281.1	280.1	0.94	0.60	-0.88	-24.0	-33.0	-33.6	0.32		
9.8	0.37	282.6	281.1	280.1	0.94	0.60	-0.33	-24.1	-32.9	-33.7	0.32		
10.0	0.35	282.7	281.2	280.2	0.94	0.60	-0.41	-24.0	-32.8	-33.7	0.31		