

Voltage Controlled Oscillator

ROS-ED8380/2

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			
0.5	15.72	696.2	692.6	689.3	-1.52	-0.73	-0.59	-18.0	-32.1	-31.9	0.32	1	-85
0.8	14.18	699.6	696.2	692.9	-1.51	-0.74	-0.56	-18.3	-31.8	-31.7	0.30	10	-106
1.0	13.01	702.8	699.4	696.3	-1.49	-0.72	-0.57	-18.6	-31.4	-31.7	0.28	100	-126
1.3	12.30	705.8	702.5	699.4	-1.47	-0.70	-0.54	-18.9	-31.4	-32.1	0.26	1000	-146
1.5	11.67	708.7	705.4	702.3	-1.46	-0.68	-0.52	-19.2	-31.4	-32.0	0.25		
1.8	11.17	711.5	708.2	705.1	-1.41	-0.67	-0.50	-19.5	-31.2	-32.2	0.23		
2.0	10.85	714.1	710.9	707.8	-1.37	-0.62	-0.49	-19.9	-30.9	-32.3	0.22		
2.3	10.48	716.7	713.5	710.4	-1.28	-0.60	-0.45	-20.3	-30.8	-32.2	0.21		
2.5	10.24	719.2	716.1	713.0	-1.21	-0.53	-0.43	-20.6	-30.6	-32.7	0.19		
2.8	9.95	721.6	718.6	715.5	-1.09	-0.49	-0.37	-21.0	-30.8	-32.9	0.17		
3.0	9.69	724.0	721.0	718.0	-0.99	-0.40	-0.34	-21.1	-30.8	-33.3	0.19		
3.3	9.40	726.2	723.3	720.4	-0.88	-0.32	-0.27	-21.1	-30.6	-33.8	0.20		
3.5	9.19	728.5	725.6	722.7	-0.81	-0.24	-0.21	-21.0	-30.4	-33.8	0.22		
3.8	9.08	730.7	727.9	725.0	-0.79	-0.17	-0.15	-20.9	-30.7	-34.0	0.23		
4.0	9.08	733.1	730.2	727.3	-0.78	-0.14	-0.10	-20.6	-30.5	-34.0	0.26		
4.3	9.23	735.5	732.5	729.6	-0.83	-0.13	-0.07	-20.5	-30.7	-34.3	0.28		
4.5	9.37	737.9	734.8	731.9	-0.85	-0.12	-0.06	-20.3	-30.4	-34.1	0.29		
4.8	9.62	740.4	737.2	734.2	-0.90	-0.16	-0.04	-20.3	-30.2	-33.6	0.31		
5.0	9.83	743.0	739.7	736.6	-0.93	-0.16	-0.07	-20.4	-30.1	-33.8	0.31		