

Voltage Controlled Oscillator

ROS-ED9362/1

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	3.54	229.3	228.3	227.7	2.71	2.76	2.57	-23.4	-36.1	-34.7	0.20	1	-94
0.6	3.57	229.8	228.8	228.1	2.71	2.76	2.57	-23.5	-35.9	-34.5	0.21	10	-118
0.8	3.57	230.2	229.2	228.5	2.70	2.76	2.57	-23.5	-36.2	-34.6	0.21	100	-138
0.9	3.54	230.7	229.6	229.0	2.70	2.76	2.57	-23.5	-36.0	-34.4	0.20	1000	-155
1.0	3.65	231.1	230.1	229.4	2.70	2.75	2.56	-23.7	-36.2	-34.6	0.21		
1.1	3.69	231.6	230.6	229.9	2.69	2.75	2.56	-23.7	-36.2	-34.4	0.20		
1.3	3.74	232.1	231.0	230.3	2.69	2.75	2.56	-23.7	-36.3	-34.5	0.20		
1.4	3.86	232.6	231.5	230.8	2.64	2.75	2.56	-23.8	-36.5	-34.4	0.21		
1.5	3.86	233.1	232.0	231.3	2.64	2.74	2.55	-23.9	-36.3	-34.4	0.21		
1.6	3.95	233.6	232.5	231.8	2.63	2.74	2.55	-23.8	-36.3	-34.5	0.22		
1.8	4.00	234.1	233.0	232.3	2.63	2.69	2.54	-23.9	-36.5	-34.5	0.23		
1.9	4.04	234.6	233.5	232.8	2.63	2.68	2.49	-24.0	-36.5	-34.5	0.23		
2.0	4.13	235.1	234.0	233.3	2.63	2.68	2.48	-24.1	-36.5	-34.5	0.24		
2.1	4.11	235.6	234.5	233.8	2.62	2.68	2.48	-24.2	-36.6	-34.4	0.25		
2.3	4.19	236.1	235.0	234.3	2.62	2.67	2.48	-24.2	-36.6	-34.4	0.26		
2.4	4.24	236.7	235.6	234.8	2.61	2.66	2.47	-24.2	-36.6	-34.4	0.27		
2.5	4.19	237.2	236.1	235.3	2.60	2.65	2.47	-24.3	-36.7	-34.4	0.28		
2.6	4.29	237.7	236.6	235.9	2.54	2.65	2.46	-24.4	-36.8	-34.4	0.29		
2.8	4.28	238.3	237.2	236.4	2.54	2.65	2.46	-24.4	-36.8	-34.4	0.31		
2.9	4.31	238.8	237.7	236.9	2.54	2.59	2.45	-24.4	-36.5	-34.5	0.32		
3.0	4.29	239.3	238.2	237.5	2.53	2.58	2.44	-24.4	-36.7	-34.6	0.34		
3.1	4.29	239.8	238.8	238.0	2.52	2.57	2.39	-24.5	-36.8	-34.4	0.36		
3.3	4.29	240.4	239.3	238.5	2.51	2.57	2.38	-24.6	-36.5	-34.5	0.37		
3.4	4.31	240.9	239.9	239.1	2.51	2.56	2.38	-24.6	-36.7	-34.1	0.38		
3.5	4.24	241.4	240.4	239.6	2.50	2.56	2.37	-24.7	-36.7	-34.2	0.40		
3.6	4.24	241.9	240.9	240.1	2.49	2.55	2.36	-24.8	-36.6	-34.5	0.41		
3.8	4.19	242.4	241.4	240.7	2.48	2.53	2.35	-24.8	-36.7	-34.3	0.43		
3.9	4.14	243.0	242.0	241.2	2.44	2.53	2.35	-24.7	-36.9	-34.3	0.44		
4.0	4.12	243.5	242.5	241.7	2.43	2.52	2.34	-24.9	-37.0	-34.0	0.46		
4.1	4.07	244.0	243.0	242.2	2.42	2.47	2.33	-24.9	-36.9	-34.5	0.47		
4.3	3.98	244.4	243.5	242.7	2.41	2.46	2.29	-25.0	-37.1	-34.4	0.48		
4.4	4.00	244.9	244.0	243.2	2.41	2.45	2.28	-25.0	-37.1	-34.5	0.50		
4.5	3.92	245.4	244.5	243.7	2.40	2.45	2.27	-25.0	-36.9	-34.4	0.51		
4.6	3.89	245.9	244.9	244.2	2.39	2.44	2.26	-25.1	-37.0	-34.1	0.51		
4.8	3.83	246.3	245.4	244.7	2.38	2.42	2.25	-25.2	-37.0	-34.2	0.52		
4.9	3.76	246.8	245.9	245.1	2.37	2.42	2.25	-25.3	-37.1	-34.5	0.53		
5.0	3.74	247.3	246.4	245.6	2.36	2.41	2.23	-25.3	-37.4	-34.1	0.54		