

Voltage Controlled Oscillator

ROS-ED8382/2

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	21.07	167.4	164.3	162.2	2.98	2.84	2.26	-35.8	-37.4	-45.5	0.80	1	-88
0.8	18.68	172.0	169.0	167.0	2.97	2.85	2.34	-35.6	-37.5	-44.4	0.66	10	-111
1.0	17.05	176.1	173.3	171.3	2.93	2.84	2.38	-34.5	-37.5	-43.0	0.57	100	-131
1.3	15.96	180.0	177.3	175.3	2.88	2.80	2.40	-33.3	-37.8	-42.1	0.49	1000	-151
1.5	15.07	183.7	181.0	179.1	2.82	2.77	2.40	-32.2	-37.9	-41.9	0.44		
1.8	14.31	187.2	184.6	182.7	2.74	2.72	2.38	-31.5	-37.9	-40.8	0.39		
2.0	13.75	190.6	188.0	186.1	2.65	2.66	2.33	-30.7	-38.1	-40.3	0.37		
2.3	13.21	193.8	191.3	189.5	2.56	2.60	2.29	-30.3	-38.3	-39.7	0.34		
2.5	12.80	196.9	194.5	192.7	2.47	2.52	2.24	-29.9	-38.5	-38.9	0.32		
2.8	12.36	200.0	197.6	195.8	2.36	2.44	2.18	-29.5	-38.9	-38.4	0.31		
3.0	11.95	202.9	200.6	198.8	2.24	2.36	2.10	-29.3	-38.9	-38.0	0.30		
3.3	11.53	205.8	203.5	201.7	2.14	2.25	2.04	-28.9	-39.1	-37.6	0.30		
3.5	11.11	208.5	206.3	204.5	2.02	2.16	1.94	-28.9	-39.3	-37.1	0.32		
3.8	10.69	211.1	209.0	207.2	1.92	2.04	1.86	-28.7	-39.7	-36.9	0.33		
4.0	10.29	213.7	211.5	209.8	1.77	1.94	1.75	-28.6	-40.2	-37.0	0.34		
4.3	9.89	216.2	214.0	212.4	1.66	1.81	1.65	-28.5	-40.2	-37.0	0.36		
4.5	9.46	218.5	216.4	214.7	1.52	1.69	1.53	-28.4	-40.1	-36.5	0.39		
4.8	9.04	220.8	218.6	217.0	1.39	1.57	1.43	-28.4	-40.6	-36.9	0.40		
5.0	8.60	222.9	220.8	219.2	1.25	1.45	1.31	-28.1	-40.8	-36.5	0.41		