

Voltage Controlled Oscillator

ROS-ED11079/1

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	7.61	135.9	134.6	133.1	1.91	3.31	3.67	-14.5	-34.7	-44.7	0.23	1	-92
1.0	6.14	139.2	138.1	136.7	2.34	3.80	4.24	-16.2	-36.7	-44.8	0.15	10	-118
1.5	5.34	142.0	141.0	139.7	2.68	4.15	4.61	-17.6	-38.4	-45.5	0.11	100	-137
2.0	4.85	144.6	143.6	142.3	2.90	4.45	4.89	-18.8	-40.2	-49.7	0.08	1000	-156
2.5	4.54	146.9	146.0	144.7	3.25	4.73	5.17	-19.9	-41.7	-54.0	0.06		
3.0	4.32	149.1	148.2	147.0	3.56	4.96	5.38	-20.9	-43.0	-56.5	0.04		
3.5	4.18	151.2	150.3	149.1	3.75	5.18	5.57	-21.8	-44.1	-58.0	0.02		
4.0	4.07	153.3	152.4	151.2	3.99	5.37	5.75	-22.7	-45.4	-58.9	0.01		
4.5	4.02	155.3	154.4	153.2	4.17	5.55	5.92	-23.5	-46.5	-59.5	0.02		
5.0	4.01	157.3	156.4	155.2	4.40	5.73	6.07	-24.1	-47.3	-58.1	0.02		
5.5	4.03	159.3	158.4	157.3	4.60	5.89	6.20	-24.8	-47.6	-58.9	0.02		
6.0	4.05	161.3	160.5	159.3	4.77	6.04	6.32	-25.4	-47.8	-57.1	0.02		