

Voltage Controlled Oscillator

ROS-ED10862/1

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			
1.0	48.07	2530.9	2506.8	2487.9	9.59	9.01	8.28	-27.0	-52.2	-50.4	2.05	1	-72
2.0	47.74	2576.7	2553.8	2535.2	9.74	9.28	8.51	-27.9	-55.6	-50.5	2.03	10	-96
3.0	56.86	2625.9	2606.2	2585.9	9.77	9.29	8.57	-28.9	-67.6	-52.4	2.08	100	-116
4.0	59.62	2690.2	2665.1	2640.6	9.49	9.30	8.84	-29.5	-57.7	-53.9	2.36	1000	-136
5.0	56.96	2753.0	2723.0	2694.6	9.55	9.52	9.10	-30.8	-52.9	-48.1	2.70		
6.0	48.93	2808.2	2775.0	2744.6	9.77	9.79	9.37	-31.5	-53.3	-44.4	2.89		
7.0	41.10	2853.7	2819.7	2788.7	10.20	9.97	9.58	-31.9	-52.2	-42.3	2.80		
8.0	38.22	2893.4	2859.0	2826.9	10.09	10.19	9.68	-32.9	-50.6	-41.9	2.99		
9.0	33.59	2929.9	2894.5	2861.5	10.16	10.38	10.06	-33.7	-49.2	-43.6	3.05		
10.0	30.42	2960.9	2927.2	2892.7	10.18	10.47	10.20	-34.2	-49.6	-45.8	3.42		