

Voltage Controlled Oscillator

ROS-ED12071/1

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			
0.0	4.39	2569.0	2564.4	2560.5	8.89	8.44	8.56	-15.98	-24.43	-35.17	0.13	1	-94
0.5	4.19	2571.1	2566.5	2562.7	8.96	8.70	8.59	-16.20	-24.43	-35.13	0.14	10	-119
1.0	4.48	2573.2	2568.7	2564.8	9.01	8.75	8.65	-16.39	-24.45	-34.80	0.16	100	-139
1.5	5.09	2575.6	2571.0	2567.0	9.05	8.78	8.68	-16.58	-24.46	-34.42	0.17	1000	-159
2.0	5.69	2578.2	2573.6	2569.6	9.09	8.84	8.73	-16.76	-24.42	-34.23	0.15		
2.5	6.04	2581.0	2576.5	2572.5	9.14	8.89	8.78	-17.05	-24.40	-34.01	0.08		
3.0	6.04	2583.9	2579.6	2575.6	9.19	8.93	8.84	-17.29	-24.47	-34.15	0.05		
3.5	5.75	2586.7	2582.6	2578.7	9.21	8.97	8.88	-17.59	-24.51	-34.43	0.22		
4.0	5.30	2589.3	2585.4	2581.6	9.22	9.01	8.93	-17.84	-24.51	-34.78	0.38		
4.5	4.75	2591.7	2587.9	2584.3	9.23	9.04	8.96	-18.09	-24.51	-34.82	0.50		
5.0	4.16	2593.9	2590.2	2586.6	9.24	9.07	8.99	-18.35	-24.47	-34.67	0.56		
5.5	3.55	2595.8	2592.2	2588.6	9.25	9.09	9.01	-18.59	-24.39	-34.48	0.61		
6.0	2.96	2597.5	2593.9	2590.2	9.25	9.10	9.02	-18.76	-24.32	-34.23	0.54		