

Voltage Controlled Oscillator

ROS-ED10804/2

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			
0.0	19.42	2579.0	2569.4	2560.7	3.22	5.28	4.98	-32.9	-39.4	-51.6	1.67	1	-77
0.5	18.85	2588.5	2578.9	2570.1	3.21	5.27	4.99	-32.6	-39.6	-51.0	1.74	10	-102
1.0	20.74	2598.6	2588.7	2579.5	3.24	5.30	5.00	-32.2	-39.4	-51.1	1.81	100	-123
1.5	25.22	2610.4	2600.0	2590.2	3.31	5.34	5.08	-31.7	-38.4	-50.1	1.91	1000	-140
2.0	34.06	2626.1	2614.5	2603.8	3.39	5.39	5.22	-31.2	-38.2	-50.9	2.08		
2.5	48.81	2648.8	2634.9	2622.8	3.51	5.51	5.42	-30.5	-37.1	-51.6	2.31		
3.0	58.43	2678.5	2662.3	2648.8	3.64	5.68	5.50	-30.1	-37.5	-52.0	1.74		
3.5	49.41	2706.5	2690.1	2676.2	3.79	5.85	5.66	-29.5	-36.8	-49.9	0.29		
4.0	32.62	2726.4	2710.8	2697.2	3.92	6.00	5.73	-29.6	-37.5	-49.1	0.13		
4.5	19.18	2723.6	2723.7	2710.5	4.05	6.09	5.81	-29.3	-37.7	-48.1	1.09		
5.0	11.72	2745.8	2731.5	2718.5	4.13	6.15	5.87	-29.3	-38.0	-47.5	1.89		