

Voltage Controlled Oscillator

ROS-ED11193/1

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	26.21	2386.9	2376.1	2362.6	1.15	2.59	3.24	-11.3	-23.5	-42.9	3.67	1	-78
1.0	29.22	2400.8	2389.7	2376.0	1.18	2.69	3.25	-11.0	-23.4	-43.4	3.86	10	-102
1.5	36.07	2417.2	2405.7	2391.4	1.24	2.76	3.36	-10.6	-23.4	-42.8	4.16	100	-122
2.0	48.55	2438.8	2426.4	2411.3	1.37	2.86	3.46	-10.5	-23.7	-42.9	4.68	1000	-142
2.5	67.29	2469.7	2455.4	2438.5	1.52	2.96	3.49	-10.1	-24.0	-42.8	4.94		
3.0	72.53	2508.1	2491.0	2472.8	1.53	3.04	3.74	-9.6	-24.3	-41.8	1.96		
3.5	60.13	2543.2	2524.7	2506.2	1.80	3.30	3.85	-9.5	-24.7	-40.5	1.65		
4.0	42.38	2568.1	2550.4	2532.1	2.07	3.61	4.32	-9.7	-25.6	-39.6	2.41		
4.5	26.87	2583.5	2567.5	2550.0	2.37	3.87	4.52	-10.0	-25.6	-38.9	0.71		
5.0	16.69	2592.8	2578.4	2561.3	2.44	3.91	4.55	-9.8	-26.7	-38.9	1.38		
5.5	11.17	2598.9	2585.4	2568.7	2.41	4.03	4.58	-10.0	-27.3	-38.1	2.60		
6.0	8.36	2603.3	2590.3	2573.8	2.45	4.09	4.61	-10.1	-27.7	-38.3	3.23		