

Voltage Controlled Oscillator

ROS-ED12227/1

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	20.98	2695.9	2693.2	2687.7	2.74	3.50	3.94	-19.31	-32.54	-36.93	0.39	1	-87
0.5	16.78	2704.7	2702.6	2697.4	2.90	3.58	3.97	-18.83	-33.98	-36.79	0.58	10	-112
1.0	15.09	2712.3	2710.5	2705.5	2.98	3.67	4.05	-18.78	-34.11	-37.17	0.66	100	-132
1.5	14.29	2719.4	2717.9	2712.8	3.02	3.71	4.09	-18.79	-35.15	-36.90	0.70	1000	-152
2.0	13.89	2726.3	2724.9	2719.9	3.06	3.76	4.13	-18.78	-35.96	-36.48	0.72		
2.5	13.73	2733.1	2731.8	2726.8	3.06	3.77	4.18	-18.54	-35.77	-36.10	0.73		
3.0	13.63	2739.8	2738.7	2733.6	3.06	3.75	4.20	-18.36	-36.72	-35.91	0.71		
3.5	13.57	2746.4	2745.4	2740.4	3.06	3.70	4.22	-18.27	-37.58	-36.58	0.68		
4.0	13.46	2753.0	2752.2	2747.1	3.08	3.71	4.25	-18.20	-37.84	-36.10	0.62		
4.5	13.35	2759.6	2758.9	2753.8	3.08	3.70	4.26	-17.93	-38.72	-36.20	0.56		
5.0	13.06	2766.1	2765.5	2760.4	3.12	3.71	4.28	-17.54	-39.51	-35.97	0.47		
5.5	12.63	2772.4	2772.0	2766.9	3.16	3.73	4.31	-17.08	-39.76	-36.03	0.36		
6.0	12.00	2778.4	2778.1	2773.0	3.25	3.80	4.35	-16.92	-39.75	-36.62	0.22		