

Voltage Controlled Oscillator

ROS-ED11197/1

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	108.02	3772.2	3738.1	3710.0	1.19	1.12	0.30	-26.5	-31.4	-43.5	3.40	1	-68
1.0	86.48	3815.1	3781.4	3752.5	1.25	1.03	0.09	-27.5	-29.6	-41.9	2.18	10	-93
1.5	77.50	3853.7	3820.1	3790.6	1.01	1.11	0.16	-27.9	-30.7	-43.3	1.56	100	-114
2.0	72.72	3890.0	3856.5	3826.4	0.69	0.87	0.25	-29.2	-31.5	-43.5	0.94	1000	-132
2.5	70.00	3925.5	3891.5	3861.2	0.37	0.56	0.00	-29.2	-32.6	-42.6	0.58		
3.0	69.98	3960.9	3926.5	3895.9	0.23	0.22	-0.44	-28.2	-34.0	-42.4	0.40		
3.5	70.10	3996.8	3961.5	3930.5	-0.15	0.04	-0.80	-28.4	-37.6	-43.0	0.60		
4.0	70.40	4032.7	3996.7	3965.2	-0.43	-0.44	-1.19	-28.7	-38.3	-41.7	1.60		
4.5	66.90	4067.5	4030.2	3999.3	-0.73	-1.03	-1.71	-27.4	-38.1	-37.0	3.70		
5.0	62.40	4100.5	4061.4	4030.8	-1.14	-1.65	-2.44	-28.3	-37.9	-36.8	5.80		
5.5	55.70	4126.3	4089.2	4058.3	-1.31	-2.01	-3.38	-30.1	-36.3	-35.2	8.40		
6.0	44.80	4146.7	4111.6	4079.5	-1.44	-2.30	-4.10	-30.8	-36.8	-34.7	7.00		