

Voltage Controlled Oscillator

POS-ED7102/3

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	9.50	83.9	81.4	79.5	9.56	9.87	9.95	-24.0	-26.2	-32.4	0.40	1	-82
1.0	9.50	88.3	86.1	84.7	9.87	10.13	9.88	-34.0	-26.3	-33.0		10	-102
1.5	10.00	92.8	91.1	89.9	9.89	10.11	10.13	-32.3	-26.8	-33.8		100	-125
2.0	9.10	97.1	95.7	94.7	9.69	9.85	10.03	-28.1	-27.4	-34.2	0.50	1000	-145
2.5	9.10	101.8	100.2	99.3	9.75	9.82	9.76	-26.0	-28.4	-35.0			
3.0	8.70	106.0	104.6	103.6	9.67	9.83	9.73	-25.1	-29.1	-35.9			
3.5	7.90	109.9	108.5	107.5	9.63	9.64	9.48	-24.5	-29.7	-36.2	0.42		
4.0	7.40	113.6	112.2	111.3	9.47	9.46	9.27	-24.2	-29.8	-36.0			
4.5	7.20	117.3	115.8	114.9	9.19	9.19	8.94	-23.5	-29.5	-35.5			
5.0	7.10	120.9	119.4	118.4	8.66	8.71	8.49	-22.7	-28.5	-35.0	0.40		
5.5	7.20	124.5	123.0	122.0	7.85	8.03	7.85	-21.5	-27.4	-34.7			
6.0	7.50	128.3	126.7	125.7	6.71	7.05	6.97	-20.1	-25.9	-34.4			
6.5	7.90	132.1	130.7	129.5	5.32	5.76	5.86	-18.5	-24.6	-34.0			
7.0	8.10	135.9	134.7	133.5	3.96	4.24	4.45	-16.6	-23.3	-33.4			