

Voltage Controlled Oscillator

POS-ED5319/1

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	12.60	77.4	75.0	73.6	6.04	6.36	6.89	-23.0	-53.2	-54.0	1.26	1	-84
1.0	9.40	81.8	79.7	78.5	6.48	6.89	7.20	-27.1	-52.6	-58.7		10	-104
1.5	8.00	85.4	83.7	82.6	6.23	7.44	7.67	-30.9	-53.1	-60.9		100	-125
2.0	6.60	88.5	87.0	86.0	6.83	8.25	8.40	-34.3	-53.8	-60.1		1000	-146
2.5	5.90	91.3	89.9	89.0	7.36	8.65	8.72	-37.3	-55.2	-60.0	0.80		
3.0	5.50	94.0	92.7	91.7	7.65	8.85	8.84	-39.9	-54.5	-60.9			
3.5	5.30	96.7	95.3	94.3	7.37	8.58	8.73	-42.3	-54.6	-60.1	0.73		
4.0	5.30	99.3	98.0	96.9	6.76	8.14	8.17	-44.7	-54.4	-60.2			
4.5	5.50	102.0	100.7	99.5	5.64	7.29	7.52	-46.3	-53.5	-59.5	0.84		
5.0	5.60	104.6	103.5	102.3	4.17	6.01	6.51	-48.1	-53.7	-55.6			
5.5	5.50	107.2	106.2	105.2	2.37	4.36	5.02	-51.2	-54.1	-52.9	0.73		
6.0	5.50	109.9	109.0	108.1	0.72	2.75	3.50	-52.8	-52.9	-49.9			
6.5	5.50	112.7	111.7	110.9	-0.91	1.10	1.94	-51.5	-52.8	-47.3	0.57		
7.0	5.70	115.5	114.6	113.8	-2.49	-0.47	0.38	-47.7	-53.2	-44.9			