

Voltage Controlled Oscillator

POSA-ED8383/2

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			
2.00	2.14	141.1	140.0	139.1	11.89	11.68	11.40	-26.0	-56.8	-64.6	0.03	1	-100
3.00	1.96	143.0	141.9	141.1	11.85	11.66	11.39	-26.9	-57.8	-64.2	0.02	10	-124
4.00	1.93	144.9	143.9	143.0	11.84	11.62	11.36	-27.7	-56.7	-64.2	0.02	100	-139
5.00	1.98	146.9	145.8	145.0	11.83	11.59	11.35	-28.6	-57.9	-63.8	0.02	1000	-160
6.00	2.11	149.0	148.0	147.1	11.79	11.55	11.33	-29.5	-57.7	-64.2	0.01		
7.00	2.29	151.3	150.2	149.4	11.75	11.52	11.29	-30.5	-58.8	-64.1	0.01		
8.00	2.48	153.7	152.7	151.8	11.69	11.48	11.27	-31.4	-59.0	-63.8	0.01		
9.00	2.63	156.4	155.4	154.5	11.63	11.44	11.22	-32.5	-59.4	-64.4	0.02		
10.00	2.73	159.1	158.1	157.2	11.57	11.40	11.18	-33.5	-60.0	-64.4	0.02		
11.00	2.77	161.8	160.9	160.0	11.50	11.36	11.13	-34.4	-60.5	-63.9	0.03		
12.00	2.79	164.6	163.6	162.8	11.46	11.33	11.08	-35.4	-60.4	-64.1	0.02		
13.00	2.82	167.5	166.5	165.7	11.40	11.28	11.01	-36.2	-61.3	-62.6	0.02		
14.00	2.85	170.3	169.3	168.5	11.36	11.24	10.95	-37.2	-58.9	-63.5	0.03		
15.00	2.88	173.2	172.2	171.5	11.33	11.17	10.88	-38.2	-60.2	-64.3	0.05		
16.00	2.85	175.9	175.0	174.4	11.30	11.11	10.83	-38.9	-60.5	-63.0	0.09		
17.00	2.75	178.6	177.8	177.1	11.29	11.06	10.77	-39.8	-64.4	-62.8	0.13		
18.00	2.59	181.0	180.4	179.8	11.26	11.00	10.73	-40.4	-59.6	-62.7	0.17		