

Voltage Controlled Oscillator

POS-ED7899/6

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			
1.0	6.50	228.0	226.2	225.0	8.54	8.46	8.26	-25.2	-50.5	-53.7	0.01	1	-102
2.0	5.00	233.0	231.2	230.0	8.66	8.58	8.34	-26.6	-50.6	-52.8	0.03	10	-121
3.0	4.70	237.7	235.9	234.7	8.79	8.68	8.38	-27.9	-50.0	-53.0	0.06	100	-141
4.0	4.70	242.5	240.6	239.5	8.88	8.74	8.39	-29.4	-49.7	-51.7	0.04	1000	-160
5.0	5.10	247.5	245.7	244.6	8.96	8.77	8.39	-30.8	-49.5	-50.9	0.04		
6.0	5.40	252.7	251.1	250.0	9.08	8.71	8.38	-32.6	-49.3	-49.5	0.11		
7.0	5.70	258.4	256.8	255.6	9.04	8.64	8.37	-34.1	-49.5	-49.5	0.15		
8.0	5.90	264.3	262.7	261.5	8.96	8.66	8.40	-35.6	-48.7	-49.0	0.17		
9.0	5.90	270.2	268.6	267.3	8.86	8.66	8.48	-37.3	-48.9	-48.9	0.18		
10.0	5.80	276.1	274.4	273.1	8.85	8.72	8.55	-38.6	-48.7	-48.8	0.18		
11.0	5.60	281.7	279.9	278.6	8.86	8.79	8.64	-39.9	-47.6	-48.4	0.19		
12.0	5.30	287.0	285.2	283.8	8.90	8.86	8.69	-41.0	-47.2	-48.8	0.20		
13.0	4.90	291.9	290.1	288.7	8.95	8.91	8.78	-41.9	-46.7	-48.6	0.19		
14.0	4.50	296.4	294.6	293.2	9.00	8.97	8.83	-42.2	-45.9	-48.1	0.17		
15.0	4.10	300.6	298.7	297.2	9.04	9.03	8.90	-43.1	-45.5	-48.0	0.12		
16.0	3.70	304.4	302.4	300.8	9.10	9.10	8.94	-43.4	-44.6	-48.3	0.05		
17.0	3.30	307.8	305.7	303.9	9.15	9.14	8.98	-44.1	-44.1	-48.7	0.03		
18.0	2.90	310.9	308.5	306.8	9.22	9.20	8.98	-44.1	-43.5	-48.1	0.13		
19.0	2.50	313.5	311.0	309.3	9.27	9.21	8.93	-44.3	-42.6	-48.5	0.27		
20.0	2.20	315.9	313.1	311.7	9.30	9.21	8.88	-44.5	-42.1	-47.9	0.23		