

Voltage Controlled Oscillator

POS-ED10855/1

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			
1.0	17.33	189.6	187.1	184.5	9.23	8.91	8.28	-25.1	-42.6	-45.3	0.48	1	-78
2.0	14.31	204.9	201.4	199.2	10.30	10.41	9.85	-28.4	-42.4	-49.0	0.38	10	-100
3.0	12.84	217.9	215.1	211.9	10.40	10.74	10.13	-31.9	-41.3	-53.1	0.20	100	-123
4.0	11.71	231.6	227.4	224.1	10.48	10.92	10.26	-33.5	-38.7	-54.1	0.17	1000	-146
5.0	12.60	244.3	239.4	236.8	10.58	10.78	10.36	-32.0	-38.2	-49.7	0.24		
6.0	13.96	256.2	253.2	249.7	10.25	10.58	10.35	-31.9	-40.2	-45.3	0.40		
7.0	14.09	272.9	267.8	262.7	10.18	10.46	10.36	-33.3	-43.2	-43.9	0.30		
8.0	11.96	286.2	280.8	276.0	10.04	10.46	10.45	-34.2	-44.1	-44.7	0.05		
9.0	15.96	297.9	294.5	291.2	9.90	10.56	10.69	-34.7	-43.6	-41.8	0.61		
10.0	17.89	314.4	311.1	306.8	9.90	10.57	10.73	-33.8	-41.2	-42.5	0.59		
11.0	12.86	330.5	326.4	321.0	9.87	10.59	10.44	-30.9	-36.4	-43.3	0.04		
12.0	10.95	342.5	338.4	333.2	9.95	10.36	10.04	-28.9	-36.3	-46.3	0.37		
13.0	14.77	354.1	350.5	346.9	8.99	9.66	9.72	-29.9	-39.1	-38.2	0.40		
14.0	15.83	370.1	366.0	362.0	8.64	9.44	9.67	-31.6	-42.0	-36.2	0.38		
15.0	15.03	385.6	381.4	377.3	8.41	9.21	9.45	-31.3	-44.5	-36.6	0.33		
16.0	13.72	400.5	396.2	392.0	8.18	8.99	9.16	-30.0	-49.6	-35.6	0.35		
17.0	13.29	412.9	409.6	406.1	8.00	8.78	8.80	-28.5	-52.2	-35.1	0.62		
18.0	14.19	427.1	423.6	420.0	7.70	8.44	8.43	-28.0	-53.5	-35.1	0.90		