

Voltage Controlled Oscillator

POS-ED6684/1

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	13.60	124.7	123.0	121.7	8.59	8.80	8.10	-24.9	-36.1	-57.6	0.45	1	-82
2.0	9.60	134.4	132.6	131.2	8.87	9.03	8.41	-24.2	-37.2	-55.8	0.28	10	-103
3.0	8.20	142.6	140.8	139.4	9.31	9.32	8.95	-22.5	-37.7	-54.4	0.21	100	-123
4.0	7.90	150.3	148.7	147.2	9.60	9.49	9.32	-21.0	-38.1	-52.6	0.15	1000	-143
5.0	7.90	158.3	156.6	155.2	9.64	9.66	9.39	-20.0	-38.5	-51.1	0.15		
6.0	8.30	166.5	164.9	163.3	10.16	9.77	9.52	-19.3	-39.9	-48.8	0.12		
7.0	8.60	175.0	173.4	172.0	10.20	9.88	10.10	-18.7	-40.8	-49.2	0.18		
8.0	9.10	184.1	182.5	181.0	9.94	10.00	9.77	-18.3	-41.6	-50.3	0.17		
9.0	9.10	193.0	191.6	190.3	10.43	10.08	10.25	-18.3	-44.5	-49.8	0.30		
10.0	9.50	202.6	201.1	199.7	10.44	10.14	10.27	-18.6	-47.7	-51.7	0.29		
11.0	9.00	211.4	210.1	208.7	10.40	10.20	10.24	-18.9	-51.7	-50.7	0.41		
12.0	8.70	219.9	218.8	217.6	10.25	10.11	10.02	-19.3	-50.5	-50.0	0.44		
13.0	8.50	228.4	227.3	226.1	10.11	10.22	9.81	-19.9	-52.3	-51.8	0.50		
14.0	7.90	236.1	235.2	234.1	10.01	10.13	9.67	-20.5	-51.8	-53.3	0.58		
15.0	7.50	243.3	242.7	241.7	9.86	9.99	9.48	-21.4	-48.2	-53.6	0.58		
16.0	7.10	250.4	249.8	248.7	9.76	9.87	9.29	-22.3	-46.5	-54.0	0.61		
17.0	6.50	256.8	256.3	255.2	9.36	9.70	8.67	-23.1	-46.1	-54.8	0.54		
18.0	5.90	262.5	262.1	260.9	9.22	9.41	8.20	-24.1	-46.3	-56.0	0.37		
19.0	5.10	267.6	267.2	265.7	9.12	9.07	7.53	-25.8	-46.3	-59.2	0.26		
20.0	4.30	272.1	271.5	269.6	8.87	8.60	5.92	-28.3	-46.0	-61.4	0.26		