

Voltage Controlled Oscillator

ROS-ED6770/3

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	7.10	161.1	160.9	160.7	10.70	10.93	10.99	-24.8	-42.8	-51.2	0.17	1	-86
2.0	7.60	168.9	168.5	168.1	11.95	12.16	12.19	-27.6	-45.4	-55.9	0.14	10	-107
3.0	6.70	175.7	175.2	174.7	12.34	12.52	12.80	-30.2	-48.0	-57.9	0.11	100	-127
4.0	6.40	182.2	181.6	180.9	13.06	13.16	12.99	-32.5	-49.2	-54.2	0.08	1000	-142
5.0	6.40	188.5	188.0	187.2	13.98	14.05	13.88	-34.1	-48.3	-51.3	0.07		
6.0	6.40	194.9	194.3	193.4	13.92	13.98	13.66	-34.9	-46.4	-48.4	0.06		
7.0	6.30	201.2	200.6	199.7	12.83	12.91	12.70	-35.0	-44.7	-49.0	0.09		
8.0	6.20	207.4	206.7	205.8	11.16	11.34	11.28	-34.2	-42.2	-46.5	0.12		
9.0	6.00	213.4	212.7	211.8	9.41	9.67	9.73	-32.7	-39.4	-44.5	0.19		
10.0	5.70	219.1	218.4	217.5	7.55	7.83	7.94	-31.1	-36.6	-41.7	0.24		
11.0	5.40	224.5	223.7	222.9	6.08	6.37	6.47	-29.5	-34.6	-39.5	0.26		
12.0	4.90	229.4	228.7	227.8	4.68	4.94	5.03	-27.8	-32.2	-37.5	0.29		
13.0	4.50	233.9	233.2	232.3	3.60	3.80	3.87	-26.5	-30.0	-35.2			
14.0	4.10	238.0	237.3	236.4	2.70	2.89	2.89	-25.4	-28.4	-33.6			
15.0	3.60	241.7	240.9	240.0	1.92	2.11	2.02	-24.6	-27.0	-32.3			