

Voltage Controlled Oscillator

ROS-ED7232/1

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			
0.5	19.00	137.5	136.6	136.1	3.84	3.92	3.87	-14.2	-40.0	-57.7	0.90	1	-82
1.0	14.70	144.8	144.0	143.5	3.74	3.83	3.77	-16.5	-43.1	-61.8	0.84	10	-102
1.5	12.80	151.1	150.3	149.9	3.80	3.88	3.80	-18.5	-45.9	-62.2	0.83	100	-123
2.0	11.60	156.9	156.1	155.7	3.65	3.69	3.61	-20.4	-47.4	-61.6	0.84	1000	-141
2.5	10.90	162.3	161.6	161.2	3.52	3.59	3.48	-22.0	-50.2	-61.2	0.86		
3.0	10.50	167.5	166.8	166.4	3.86	3.88	3.78	-23.7	-52.2	-61.3	0.87		
3.5	10.30	172.6	172.0	171.6	3.72	3.75	3.60	-25.4	-53.7	-60.2	0.90		
4.0	10.20	177.7	177.1	176.7	3.16	3.14	2.97	-26.8	-56.3	-59.7	0.94		
4.5	10.20	182.8	182.2	181.8	2.96	2.91	2.74	-28.4	-56.9	-59.3	0.96		
5.0	10.40	188.0	187.4	187.0	3.12	3.05	2.83	-30.0	-59.3	-59.8	0.99		