

Voltage Controlled Oscillator

ROS-ED8418/1

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	25.95	949.4	944.3	939.2	4.42	4.53	4.44	-24.2	-34.4	-43.0	0.23	1	-85
1.0	20.32	959.1	954.4	949.6	4.66	4.73	4.58	-23.2	-38.9	-44.0	0.38	10	-110
1.5	16.98	967.3	962.9	958.3	4.83	4.88	4.74	-22.7	-46.0	-38.7	0.49	100	-130
2.0	14.75	974.4	970.3	965.9	4.82	4.97	4.87	-22.6	-39.8	-36.1	0.55	1000	-148
2.5	13.41	981.1	977.0	972.7	4.81	5.00	4.89	-22.7	-34.8	-34.9	0.59		
3.0	12.66	987.4	983.3	979.1	4.77	4.96	4.92	-22.9	-32.4	-34.2	0.61		
3.5	12.19	993.5	989.4	985.2	4.76	4.95	4.91	-23.2	-30.7	-33.3	0.62		
4.0	11.94	999.6	995.4	991.1	4.74	4.92	4.90	-23.6	-30.0	-33.4	0.65		
4.5	11.78	1005.5	1001.3	996.9	4.67	4.91	4.87	-23.9	-29.3	-33.5	0.67		
5.0	11.69	1011.5	1007.1	1002.6	4.64	4.87	4.90	-24.3	-28.7	-33.7	0.70		
5.5	11.72	1017.5	1013.0	1008.4	4.62	4.87	4.87	-24.3	-28.2	-33.8	0.73		
6.0	11.82	1023.5	1018.9	1014.1	4.56	4.83	4.84	-24.5	-27.9	-33.9	0.77		
6.5	11.95	1029.6	1024.9	1020.0	4.52	4.79	4.81	-24.8	-27.5	-34.1	0.81		
7.0	12.10	1035.9	1030.9	1025.9	4.48	4.76	4.78	-24.9	-27.2	-34.4	0.86		

