

Voltage Controlled Oscillator

ROS-ED11290/2

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	9.00	376.7	375.4	373.9	4.64	4.44	4.11	-18.9	-29.4	-43.6	0.44	1	-94
1.0	8.47	381.2	379.8	378.3	4.72	4.47	4.15	-19.4	-30.1	-40.8	0.34	10	-119
1.5	8.40	385.4	384.0	382.4	4.76	4.47	4.17	-19.8	-30.7	-38.5	0.34	100	-139
2.0	8.49	389.6	388.2	386.6	4.80	4.46	4.18	-20.1	-31.1	-36.6	0.34	1000	-157
2.5	8.48	393.8	392.4	390.7	4.80	4.45	4.18	-20.4	-31.6	-35.0	0.40		
3.0	8.48	398.1	396.7	394.9	4.78	4.42	4.17	-20.7	-32.2	-33.6	0.47		
3.5	8.45	402.3	400.9	399.1	4.73	4.38	4.14	-21.0	-32.7	-32.5	0.55		
4.0	8.26	406.5	405.1	403.3	4.63	4.34	4.11	-21.2	-33.1	-31.6	0.62		
4.5	8.08	410.7	409.2	407.4	4.54	4.28	4.06	-21.4	-33.3	-30.9	0.69		
5.0	7.95	414.8	413.2	411.3	4.43	4.21	3.99	-21.6	-33.2	-30.3	0.72		
5.5	7.55	418.8	417.1	415.2	4.31	4.15	3.93	-21.7	-32.9	-29.7	0.74		
6.0	7.28	422.6	420.9	418.9	4.20	4.06	3.85	-21.7	-32.8	-29.3	0.76		
6.5	7.01	426.3	424.5	422.5	4.09	3.98	3.77	-21.6	-32.5	-29.1	0.76		
7.0	6.76	429.9	427.9	425.9	3.99	3.90	3.69	-21.5	-32.1	-28.8	0.74		