

Voltage Controlled Oscillator

ROS-ED8349/2

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	20.59	205.1	202.7	201.0	3.28	3.69	3.54	-16.5	-31.2	-45.9	0.39	1	-81
1.0	17.27	213.6	211.3	209.7	3.59	4.03	3.88	-17.7	-31.2	-43.6	0.26	10	-102
1.5	15.55	221.4	219.1	217.4	3.84	4.25	4.14	-18.9	-31.2	-42.2	0.19	100	-122
2.0	14.48	228.7	226.3	224.6	4.01	4.42	4.31	-19.8	-31.7	-40.8	0.17	1000	-142
2.5	13.67	235.5	233.2	231.4	4.12	4.55	4.44	-20.6	-32.0	-40.2	0.19		
3.0	12.94	242.0	239.6	237.8	4.18	4.63	4.55	-21.3	-32.2	-40.0	0.22		
3.5	12.14	248.1	245.7	243.8	4.19	4.63	4.58	-21.8	-32.5	-40.1	0.25		
4.0	11.30	253.8	251.4	249.5	4.15	4.63	4.58	-22.3	-32.6	-40.0	0.27		
4.5	10.42	259.0	256.6	254.6	4.08	4.58	4.54	-22.5	-32.5	-39.6	0.27		
5.0	9.47	263.8	261.3	259.3	3.97	4.50	4.46	-22.7	-32.3	-39.5	0.25		
5.5	8.63	268.1	265.6	263.7	3.83	4.38	4.35	-22.9	-32.1	-39.5	0.22		
6.0	7.82	272.0	269.5	267.6	3.67	4.23	4.21	-22.9	-31.7	-39.3	0.19		