

Voltage Controlled Oscillator

ROS-ED8469/1

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	13.94	743.1	740.6	738.1	4.50	4.77	4.83	-23.3	-38.7	-39.6	0.19	1	-90
1.0	11.04	748.5	746.1	743.7	4.67	4.96	5.03	-24.1	-38.2	-39.5	0.20	10	-115
1.5	9.72	753.4	751.0	748.6	4.83	5.14	5.19	-24.9	-37.6	-39.6	0.22	100	-135
2.0	8.96	757.9	755.4	753.1	4.97	5.30	5.34	-25.5	-37.7	-39.1	0.23	1000	-152
2.5	8.53	762.1	759.7	757.3	5.11	5.44	5.46	-26.2	-37.1	-38.7	0.24		
3.0	8.30	766.3	763.9	761.4	5.24	5.57	5.61	-26.9	-36.9	-38.9	0.26		
3.5	8.18	770.5	768.0	765.5	5.36	5.68	5.73	-27.6	-36.9	-39.0	0.28		
4.0	8.18	774.6	772.0	769.5	5.46	5.84	5.84	-28.2	-36.5	-38.6	0.29		
4.5	8.26	778.8	776.2	773.6	5.56	5.96	5.96	-29.0	-36.6	-38.1	0.31		
5.0	8.40	783.0	780.4	777.7	5.67	6.07	6.06	-29.7	-36.1	-38.1	0.33		
5.5	8.66	787.4	784.7	782.0	5.84	6.18	6.23	-30.5	-36.2	-37.6	0.37		
6.0	8.94	791.9	789.2	786.4	5.95	6.29	6.34	-31.3	-35.9	-37.1	0.40		
6.5	9.28	796.6	793.8	790.9	6.07	6.43	6.46	-32.0	-35.7	-37.0	0.44		
7.0	9.66	801.5	798.6	795.7	6.18	6.57	6.59	-33.2	-35.8	-36.2	0.47		
7.5	10.08	806.6	803.7	800.6	6.34	6.68	6.72	-34.3	-35.6	-36.2	0.50		
8.0	10.50	811.9	808.9	805.8	6.50	6.88	6.87	-35.6	-35.5	-36.2	0.51		