

Voltage Controlled Oscillator

ROS-ED11738/2

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	77.52	432.7	424.4	416.9	7.03	7.69	7.92	-12.8	-32.2	-39.6	1.96	1	-81
1.0	62.85	467.1	459.1	451.5	7.10	7.72	7.79	-12.6	-30.1	-49.6	0.41	10	-106
1.5	56.81	496.5	488.7	481.9	6.85	7.47	7.26	-12.7	-28.0	-54.6	0.60	100	-126
2.0	55.90	523.9	517.0	510.8	6.28	6.74	6.55	-13.5	-28.3	-42.1	0.89	1000	-146
2.5	54.04	551.1	544.5	538.3	5.42	6.00	6.08	-14.8	-29.5	-34.3	0.94		
3.0	48.83	576.6	570.3	564.2	4.84	5.42	5.54	-16.2	-31.5	-29.6	1.11		
3.5	41.48	598.9	593.0	587.1	4.42	5.03	5.23	-17.6	-34.5	-26.8	1.23		
4.0	33.03	617.1	611.7	606.1	4.16	4.88	5.21	-18.0	-39.3	-25.4	1.17		
4.5	25.40	631.4	626.3	621.0	4.13	4.86	5.20	-18.2	-44.1	-24.8	0.90		
5.0	18.81	642.1	637.4	632.3	4.21	4.85	5.13	-18.0	-48.1	-24.6	0.45		
5.5	13.84	650.0	645.7	640.6	4.26	4.85	5.08	-17.7	-48.0	-24.6	0.08		
6.0	10.48	655.9	651.8	646.8	4.25	4.85	5.05	-17.5	-47.6	-24.6	0.54		
6.5	8.45	660.5	656.6	651.6	4.20	4.85	5.05	-17.4	-46.8	-24.4	0.83		
7.0	7.19	664.3	660.5	655.6	4.19	4.83	5.02	-17.2	-46.0	-24.2	1.00		