

Voltage Controlled Oscillator

ROS-EDR4239/2

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	14.20	337.8	335.4	333.9	7.95	8.51	8.24	-26.1	-32.5	-51.9	0.13	1	-86
1.0	10.80	343.1	340.7	339.3	7.95	8.52	8.24	-26.6	-32.8	-49.4	0.06	10	-107
1.5	9.10	347.6	345.3	343.9	7.98	8.54	8.27	-26.7	-32.8	-48.1	0.06	100	-127
2.0	8.10	351.7	349.3	348.0	8.04	8.58	8.30	-26.7	-31.6	-49.8	0.19	1000	-146
2.5	7.30	355.4	353.0	351.7	8.10	8.63	8.35	-26.7	-31.7	-48.1	0.19		
3.0	6.90	358.9	356.4	355.0	8.17	8.67	8.39	-27.5	-31.9	-46.6	0.26		
3.5	6.30	362.1	359.6	358.1	8.22	8.70	8.42	-28.4	-31.5	-46.9	0.51		
4.0	5.50	364.9	362.3	360.9	8.24	8.69	8.37	-28.9	-31.9	-47.8	0.51		
4.5	6.10	367.4	365.4	364.2	8.08	8.50	8.17	-29.7	-31.3	-45.6	0.06		
5.0	7.70	371.3	369.2	368.1	7.79	8.25	7.93	-30.5	-32.2	-46.5	0.19		