

Voltage Controlled Oscillator

ROS-EDR4401

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			
1.0	5.60	48.6	46.7	44.9	9.33	9.34	9.20	-38.9	-37.3	-48.7	-0.19	1	-77
2.0	4.50	53.1	51.2	49.4	9.57	9.53	9.43	-39.4	-38.1	-47.7	-0.32	10	-108
3.0	4.10	57.2	55.3	53.3	9.61	9.57	9.46	-36.8	-38.1	-47.0	-0.19	100	-129
4.0	3.60	61.0	58.9	56.8	9.57	9.55	9.42	-36.1	-37.9	-46.8	-0.26	1000	-144
5.0	3.60	64.8	62.5	60.4	9.49	9.48	9.33	-36.7	-37.6	-46.8	-0.19		
6.0	3.60	68.5	66.2	63.9	9.37	9.37	9.22	-38.2	-37.2	-47.1	-0.26		
7.0	3.90	72.5	70.1	67.6	9.23	9.24	9.08	-40.6	-36.8	-47.3	-0.19		
8.0	3.90	76.6	74.0	71.4	9.08	9.09	8.93	-43.6	-36.6	-47.3	-0.32		
9.0	4.20	81.0	78.2	75.3	8.93	8.94	8.77	-46.3	-36.8	-47.0	-0.26		
10.0	4.20	85.4	82.4	79.4	8.75	8.76	8.60	-48.5	-36.9	-45.7	-0.32		
11.0	4.30	89.8	86.7	83.5	8.56	8.57	8.40	-50.3	-37.0	-44.1	-0.38		
12.0	4.40	94.3	91.1	87.7	8.34	8.37	8.18	-49.4	-37.3	-42.3	-0.38		
13.0	4.40	98.9	95.5	91.9	8.11	8.14	7.95	-46.7	-37.3	-40.6	-0.45		
14.0	4.50	103.5	100.0	96.2	7.87	7.90	7.70	-45.1	-37.3	-38.9	-0.45		
15.0	4.50	108.1	104.5	100.5	7.62	7.66	7.45	-43.9	-36.9	-37.3	-0.51		
16.0	4.50	112.7	109.0	104.9	7.37	7.43	7.21	-41.9	-36.2	-35.8	-0.51		
17.0	4.40	117.2	113.4	109.3	7.12	7.21	6.99	-39.2	-35.6	-34.7	-0.58		
18.0	4.20	121.4	117.6	113.2	6.89	6.99	6.77	-37.2	-35.2	-33.9	-0.45		