

Voltage Controlled Oscillator

ROS-EDR4399/2

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			
1.0	2.00	24.1	23.7	23.4	8.56	8.44	7.92	-23.7	-33.4	-43.4	-0.19	1	-90
2.0	2.20	26.1	25.9	25.5	10.27	10.23	9.88	-23.5	-34.0	-43.5	-0.06	10	-110
3.0	1.90	27.8	27.8	27.5	10.95	10.54	10.07	-22.6	-34.6	-42.8	-0.06	100	-130
4.0	1.80	29.4	29.6	29.3	11.07	10.49	9.95	-22.0	-35.2	-42.5	0.00	1000	-150
5.0	1.50	31.0	31.1	31.0	11.01	10.45	9.78	-21.9	-35.4	-42.0	0.00		
6.0	1.50	32.8	32.6	32.6	10.74	10.33	9.60	-22.0	-35.7	-41.8	-0.06		
7.0	1.80	34.6	34.4	34.2	10.40	10.05	9.32	-22.1	-36.0	-41.9	0.00		
8.0	1.90	36.6	36.3	36.0	10.01	9.66	8.92	-22.4	-36.2	-42.0	0.00		
9.0	2.00	38.7	38.3	38.0	9.57	9.23	8.47	-22.7	-36.6	-42.3	-0.06		
10.0	2.00	40.8	40.3	40.1	9.08	8.75	7.97	-22.9	-36.9	-42.8	-0.13		
11.0	2.10	42.9	42.4	42.1	8.56	8.26	7.45	-23.1	-37.4	-43.4	-0.06		
12.0	2.00	45.0	44.4	44.1	8.03	7.76	6.94	-23.3	-37.7	-44.6	-0.13		
13.0	2.00	47.0	46.4	46.0	7.47	7.26	6.42	-23.6	-38.2	-46.2	-0.13		
14.0	1.90	48.9	48.3	47.9	6.88	6.77	5.91	-23.6	-39.1	-48.4	-0.13		
15.0	1.80	50.6	50.1	49.6	6.21	6.26	5.39	-23.6	-40.1	-50.9	-0.06		
16.0	1.60	52.3	51.7	51.2	5.51	5.70	4.79	-23.3	-41.9	-54.3	-0.13		
17.0	1.50	53.8	53.1	52.7	4.78	5.00	4.00	-23.1	-45.1	-58.3	-0.13		
18.0	1.30	55.2	54.5	54.1	3.98	4.14	2.80	-23.3	-50.5	-63.7	-0.13		
19.0	1.30	56.5	55.7	55.4	3.04	2.99	0.87	-24.2	-56.5	-64.5	-0.06		
20.0	1.10	57.6	56.8	56.5	1.91	1.44	-2.85	-26.0	-58.8	-63.2	-0.13		