

Voltage Controlled Oscillator

ROS-EDR4403

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	14.00	136.7	134.8	133.8	7.66	8.60	8.27	-23.7	-39.5	-41.6	-0.19	1	-84
2.0	10.50	147.2	145.3	144.3	8.20	9.39	9.21	-30.2	-36.5	-42.8	-0.13	10	-104
3.0	9.30	156.5	154.6	153.5	8.39	9.73	9.63	-37.9	-35.2	-44.1	-0.06	100	-124
4.0	8.90	165.4	163.5	162.4	8.53	9.96	9.86	-49.9	-35.4	-44.4	-0.13	1000	-145
5.0	9.00	174.5	172.5	171.5	8.63	10.11	9.96	-40.2	-36.3	-45.2	-0.13		
6.0	9.70	184.3	182.3	180.9	8.59	10.14	10.04	-36.4	-36.8	-45.0	0.00		
7.0	10.10	194.4	192.4	191.1	8.59	10.22	10.10	-33.2	-37.4	-45.2	-0.06		
8.0	11.10	205.7	203.5	202.0	8.61	10.25	10.13	-31.0	-37.4	-45.2	-0.13		
9.0	11.50	217.0	215.0	213.6	8.60	10.19	10.05	-28.9	-37.2	-46.4	-0.13		
10.0	12.20	229.6	227.2	225.7	8.40	10.01	10.00	-27.7	-38.5	-46.5	-0.26		
11.0	11.90	241.4	239.1	237.6	8.23	9.92	9.90	-26.5	-38.4	-48.1	-0.26		
12.0	12.50	254.0	251.7	250.1	7.97	9.72	9.66	-24.9	-38.9	-49.7	-0.26		
13.0	12.70	266.5	264.3	262.6	7.73	9.46	9.35	-24.0	-38.9	-49.4	-0.13		
14.0	13.00	279.6	277.3	275.8	7.16	8.95	8.87	-23.6	-40.6	-50.9	-0.26		
15.0	14.10	294.1	291.5	289.7	6.76	8.46	8.50	-23.2	-42.4	-54.4	-0.26		
16.0	13.40	307.2	304.9	303.3	6.39	8.05	8.15	-22.3	-43.1	-50.1	-0.32		
17.0	14.00	321.0	318.9	317.4	5.74	7.45	7.53	-22.1	-43.0	-47.9	-0.51		
18.0	13.60	334.9	332.4	331.0	5.18	6.89	6.92	-21.6	-43.6	-47.2	-0.58		
19.0	12.30	346.9	344.7	343.0	4.73	6.38	6.37	-21.4	-46.2	-49.2	-0.64		
20.0	10.60	357.5	355.3	353.7	4.13	5.86	5.78	-22.0	-50.2	-52.9	-0.64		