

Voltage Controlled Oscillator

ROS-EDR4294

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	9.50	182.2	181.3	180.7	5.87	5.98	5.97	-13.4	-35.5	-54.5	0.06	1	-86
1.0	8.70	186.6	185.6	185.2	6.25	6.37	6.38	-14.1	-36.4	-56.2	0.19	10	-114
2.0	9.10	195.4	194.6	194.1	6.65	6.73	6.72	-15.7	-39.3	-64.8	0.45	100	-133
3.0	8.20	204.0	203.1	202.6	6.74	6.84	6.83	-17.2	-42.8	-67.7	0.45	1000	-151
4.0	7.70	211.8	210.9	210.4	6.82	6.91	6.89	-18.6	-45.5	-56.5	0.45		
5.0	6.90	218.8	218.0	217.5	6.86	6.89	6.87	-19.9	-46.9	-52.4	0.58		
6.0	6.40	225.3	224.5	224.1	6.80	6.83	6.81	-21.1	-46.5	-51.8	0.58		
6.5	5.90	228.3	227.5	227.0	6.75	6.79	6.78	-21.7	-47.1	-51.1	0.58		
7.0	5.60	231.2	230.3	229.8	6.70	6.75	6.74	-22.3	-45.4	-50.9	0.58		
8.0	5.00	236.4	235.4	234.9	6.60	6.66	6.66	-23.0	-47.0	-51.2	0.51		
9.0	4.40	240.9	239.9	239.4	6.51	6.58	6.58	-23.8	-48.3	-50.8	0.38		
9.5	4.10	243.0	242.0	241.4	6.47	6.54	6.54	-24.0	-48.5	-50.9	0.38		
10.0	3.70	244.9	243.8	243.3	6.42	6.50	6.50	-24.2	-48.0	-50.4	0.38		
11.0	3.30	248.5	247.4	246.8	6.33	6.41	6.40	-24.3	-49.3	-49.5	0.32		
12.0	2.90	251.7	250.4	249.8	6.25	6.32	6.31	-24.6	-49.5	-48.4	0.19		
12.5	2.80	253.0	251.8	251.2	6.21	6.27	6.26	-24.8	-49.1	-47.8	0.19		
13.0	2.70	254.3	253.2	252.5	6.16	6.22	6.21	-24.9	-49.5	-47.3	0.13		