

Voltage Controlled Oscillator

POS-EDR4468

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	13.80	138.1	135.3	133.2	9.89	10.72	10.30	-20.4	-43.7	-46.9	0.00	1	-80
2.0	9.90	148.1	145.2	143.3	10.42	11.33	11.01	-23.9	-51.0	-47.5	-0.13	10	-98
3.0	8.80	157.2	154.0	151.9	10.73	11.61	11.27	-25.9	-54.6	-46.5	0.06	100	-121
4.0	8.40	165.8	162.4	160.5	10.92	11.78	11.48	-26.0	-54.2	-47.3	-0.06	1000	-141
5.0	8.70	174.6	171.1	168.5	11.00	11.96	11.56	-26.3	-53.6	-45.2	0.06		
6.0	8.70	184.0	179.8	177.9	11.07	12.17	11.59	-26.5	-48.5	-44.6	-0.13		
7.0	10.40	194.2	190.3	187.3	11.25	12.30	11.60	-27.2	-45.5	-43.2	0.00		
8.0	10.40	205.1	200.6	197.4	11.43	12.33	11.53	-27.5	-45.0	-43.5	0.00		
9.0	11.50	217.6	212.1	209.2	11.48	12.20	11.48	-28.1	-45.5	-46.3	-0.13		
10.0	12.30	229.2	224.4	220.9	11.34	12.06	11.42	-29.1	-40.8	-48.2	-0.19		
11.0	12.50	241.9	236.9	233.1	11.22	12.00	11.16	-30.0	-37.0	-46.2	-0.13		
12.0	12.60	255.0	249.5	246.0	11.14	11.78	10.78	-30.2	-37.0	-44.7	-0.13		
13.0	13.10	267.2	262.6	259.2	10.74	11.46	10.37	-29.6	-38.5	-44.4	-0.19		
14.0	14.30	281.0	276.9	273.0	10.18	11.06	9.98	-29.0	-38.8	-46.4	-0.32		
15.0	14.70	296.0	291.5	287.4	9.56	10.68	9.63	-27.2	-38.7	-52.0	-0.26		
16.0	14.20	310.1	305.7	301.8	8.86	10.39	9.31	-26.8	-39.3	-50.5	-0.38		
17.0	13.80	324.1	319.5	316.1	8.03	10.00	8.99	-26.4	-41.4	-47.0	-0.58		