

Voltage Controlled Oscillator

ZOS-400+

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	18.90	188.2	186.5	185.4	11.85	11.15	10.20	-28.4	-28.2	-40.9	0.62	10	-100
2.0	15.70	204.3	202.2	200.9	12.01	11.54	10.62	-28.0	-27.8	-38.0	0.28	100	-120
3.0	13.80	218.3	215.9	214.6	11.91	11.51	10.82	-25.4	-27.6	-37.9	0.28	1000	-136
4.0	13.50	232.0	229.4	227.9	11.97	11.49	10.66	-24.2	-27.5	-37.5	0.10		
5.0	13.50	245.8	242.9	241.3	11.99	11.51	10.80	-25.4	-28.0	-37.2	0.20		
6.0	14.40	260.0	257.3	255.5	11.50	11.25	10.66	-24.8	-28.3	-36.3	0.17		
7.0	15.00	275.5	272.3	270.3	11.83	11.33	10.73	-25.3	-28.3	-36.2	0.02		
8.0	15.60	290.9	287.9	286.2	11.45	11.41	10.71	-24.8	-27.6	-36.9	0.41		
9.0	17.20	308.0	305.1	303.2	11.72	11.67	10.84	-24.8	-27.5	-36.3	0.32		
10.0	16.90	325.3	322.0	319.8	11.84	11.63	10.82	-25.3	-28.0	-38.5	0.18		
11.0	16.20	341.9	338.2	335.9	11.83	11.47	10.69	-26.4	-30.2	-43.9	0.10		
12.0	15.70	357.0	354.0	352.0	11.28	11.15	10.46	-27.9	-34.3	-49.6	0.62		
13.0	16.90	374.3	370.9	368.5	10.87	10.80	10.14	-29.7	-36.8	-46.5	0.53		
14.0	15.80	390.5	386.7	384.0	10.76	10.84	10.32	-29.8	-37.5	-45.2	0.42		
15.0	14.20	404.9	400.8	398.0	10.62	10.75	10.06	-29.0	-36.3	-45.1	0.30		
16.0	12.60	417.3	413.5	410.7	10.13	10.29	9.61	-28.0	-35.4	-44.2	0.20		