

Voltage Controlled Oscillator

ZOS-100+

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	5.70	47.6	46.7	46.4	11.03	10.46	9.65	-38.0	-27.2	-37.7	0.02	10	-111
2.0	4.70	52.1	51.4	51.2	11.11	10.51	9.75	-41.9	-29.0	-38.2	0.28	100	-131
3.0	4.30	56.4	55.8	55.5	10.97	10.34	9.60	-39.9	-29.9	-38.5	0.22	1000	-143
4.0	3.90	60.3	59.7	59.4	10.95	10.33	9.58	-38.0	-30.5	-38.2	0.15		
5.0	3.90	64.2	63.5	63.2	10.92	10.30	9.54	-37.3	-30.8	-37.8	0.13		
6.0	4.00	68.1	67.5	67.1	10.73	10.10	9.33	-37.0	-31.1	-37.1	0.12		
7.0	4.20	72.3	71.7	71.3	10.68	10.03	9.26	-36.2	-31.4	-36.5	0.15		
8.0	4.40	76.8	76.1	75.7	10.45	9.79	9.00	-35.3	-31.5	-36.1	0.18		
9.0	4.60	81.5	80.7	80.3	10.36	9.69	8.87	-34.5	-31.5	-36.0	0.22		
10.0	4.80	86.4	85.5	85.1	10.53	9.86	9.02	-34.6	-31.4	-36.1	0.23		
11.0	5.00	91.4	90.5	90.1	10.38	9.68	8.83	-35.2	-31.4	-35.9	0.25		
12.0	5.10	96.6	95.6	95.2	10.01	9.29	8.43	-35.8	-31.0	-36.0	0.24		
13.0	5.20	101.8	100.8	100.3	9.81	9.09	8.21	-36.1	-30.8	-36.1	0.23		
14.0	5.30	107.1	106.1	105.6	9.49	8.74	7.84	-36.8	-30.6	-36.4	0.28		
15.0	5.30	112.5	111.4	110.9	9.31	8.54	7.63	-37.7	-30.2	-36.2	0.32		
16.0	5.20	117.7	116.6	116.2	9.16	8.40	7.49	-40.2	-29.9	-36.6	0.40		