

Voltage Controlled Oscillator

ZOS-150+

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	10.20	69.3	68.4	68.1	10.67	10.32	10.01	-28.8	-28.5	-46.8	-0.04	10	-107
2.0	7.80	76.9	76.2	75.9	10.85	10.54	10.20	-27.7	-28.4	-45.7	0.37	100	-127
3.0	7.20	84.1	83.3	83.0	11.11	10.79	10.44	-27.1	-27.8	-44.0	0.23	1000	-142
4.0	6.60	90.7	89.9	89.6	11.58	11.29	10.91	-26.5	-27.1	-42.8	0.17		
5.0	6.20	96.9	96.1	95.7	11.47	11.19	10.80	-25.9	-26.6	-42.1	0.16		
6.0	6.10	103.0	102.2	101.9	11.51	11.24	10.84	-25.5	-26.1	-41.1	0.17		
7.0	6.20	109.1	108.4	108.0	11.40	11.15	10.73	-25.2	-25.8	-40.7	0.21		
8.0	6.20	115.4	114.6	114.3	11.46	11.19	10.76	-24.9	-25.7	-40.6	0.25		
9.0	6.30	121.6	120.9	120.6	11.51	11.27	10.82	-24.6	-25.8	-40.8	0.27		
10.0	6.20	127.7	127.1	126.8	11.54	11.29	10.83	-24.3	-25.8	-41.3	0.30		
11.0	6.00	133.7	133.1	132.8	11.59	11.34	10.85	-24.0	-25.9	-42.0	0.28		
12.0	5.80	139.4	138.9	138.6	11.86	11.61	11.11	-23.9	-26.1	-42.4	0.25		
13.0	5.50	144.8	144.3	144.1	11.87	11.62	11.11	-23.9	-26.4	-42.6	0.24		
14.0	5.10	149.8	149.4	149.2	12.00	11.75	11.22	-23.9	-26.6	-43.4	0.26		
15.0	4.70	154.4	154.1	153.8	11.97	11.72	11.17	-23.9	-26.7	-44.0	0.29		
16.0	4.20	158.6	158.3	158.0	11.86	11.59	10.98	-24.0	-27.2	-45.0	0.38		