

Voltage Controlled Oscillator

ZOS-50+

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	3.20	23.8	23.6	23.3	10.91	10.75	10.42	-18.2	-24.0	-45.0	0.00	10	-107
2.0	2.40	26.3	26.0	25.8	11.50	11.31	11.01	-19.1	-23.6	-55.3	0.02	100	-126
3.0	2.10	28.4	28.1	27.8	11.53	11.32	11.01	-19.7	-23.8	-45.3	0.01	1000	-141
4.0	1.90	30.3	30.0	29.7	11.50	11.28	10.94	-20.3	-24.0	-41.3	0.02		
5.0	1.90	32.2	31.8	31.5	11.42	11.18	10.84	-21.0	-24.2	-38.9	0.03		
6.0	1.90	34.2	33.7	33.4	11.31	11.05	10.69	-21.9	-24.4	-37.2	0.03		
7.0	2.00	36.2	35.7	35.4	11.60	11.29	10.91	-22.9	-24.9	-36.2	0.03		
8.0	2.10	38.4	37.9	37.5	11.43	11.12	10.71	-23.9	-25.1	-35.1	0.02		
9.0	2.20	40.5	40.1	39.7	11.26	10.91	10.48	-25.3	-25.5	-34.7	0.00		
10.0	2.30	42.8	42.3	42.0	11.08	10.69	10.23	-27.3	-26.1	-34.5	0.02		
11.0	2.30	45.0	44.6	44.3	10.90	10.47	9.98	-29.4	-26.7	-34.4	0.03		
12.0	2.30	47.2	46.9	46.6	10.46	9.98	9.46	-31.8	-27.2	-34.5	0.05		
13.0	2.30	49.4	49.2	48.9	10.26	9.75	9.21	-35.1	-27.6	-34.8	0.09		
14.0	2.30	51.7	51.5	51.3	10.05	9.51	8.96	-39.9	-27.7	-35.2	0.13		
15.0	2.40	54.1	53.9	53.7	9.81	9.25	8.68	-50.1	-27.9	-35.4	0.17		
16.0	2.70	56.7	56.6	56.4	9.35	8.78	8.21	-46.8	-27.8	-35.8	0.20		