

Voltage Controlled Oscillator

ZOS-300+

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	12.80	140.0	138.7	137.5	11.13	10.76	9.62	-27.9	-26.6	-34.9	0.37	10	-103
2.0	10.60	150.8	149.4	148.0	11.52	11.30	10.31	-41.6	-25.6	-39.8	0.21	100	-123
3.0	9.20	160.1	158.6	157.1	11.51	11.31	10.40	-33.2	-25.9	-43.5	0.19	1000	-142
4.0	8.80	169.0	167.2	165.9	11.93	11.75	10.98	-29.4	-26.9	-41.0	0.10		
5.0	8.90	177.9	176.1	174.7	11.53	11.43	11.09	-26.9	-26.6	-39.1	0.16		
6.0	9.40	187.4	185.5	183.8	12.02	11.95	10.76	-25.0	-26.4	-39.2	0.03		
7.0	9.90	197.4	195.4	193.7	12.08	11.98	11.19	-24.1	-26.3	-40.3	0.25		
8.0	11.00	208.4	206.3	204.4	12.02	11.90	11.22	-23.9	-26.8	-39.3	0.12		
9.0	11.50	220.0	217.8	216.0	11.81	11.74	11.06	-23.8	-27.0	-39.5	0.34		
10.0	12.50	232.4	230.3	228.4	11.66	11.68	11.02	-23.4	-26.4	-41.1	0.25		
11.0	12.90	245.7	243.2	240.9	11.75	11.67	10.92	-23.4	-26.0	-42.5	0.03		
12.0	12.40	257.8	255.6	253.6	11.30	11.23	10.72	-24.0	-27.0	-46.5	0.29		
13.0	13.80	271.7	269.4	267.2	11.00	10.99	10.27	-25.3	-28.8	-49.0	0.20		
14.0	14.00	286.0	283.3	280.9	10.85	11.12	10.35	-25.7	-30.0	-48.0	0.08		
15.0	13.60	299.5	296.9	294.5	10.87	10.73	9.84	-25.9	-31.3	-46.8	0.20		
16.0	14.40	313.7	311.3	309.0	10.61	10.57	9.89	-24.9	-31.9	-46.4	0.45		