

# Voltage Controlled Oscillator

# ZOS-765+

## 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	47.80	463.6	457.5	452.3	9.73	9.45	8.39	-26.5	-37.0	-30.1	0.88	10	-96
2.0	28.50	493.4	486.0	480.3	10.89	10.48	9.36	-30.6	-35.2	-34.9	0.21	100	-117
3.0	22.50	516.1	508.4	502.6	11.11	10.63	9.68	-30.8	-32.4	-36.6	0.29	1000	-132
4.0	22.30	538.5	530.7	524.8	11.35	11.08	10.12	-31.3	-30.8	-38.9	0.54		
5.0	22.90	562.0	553.6	547.6	11.55	11.10	10.37	-30.4	-30.5	-41.9	0.44		
6.0	22.50	584.9	576.0	569.8	11.35	11.23	10.50	-28.3	-29.8	-41.8	0.32		
7.0	22.20	607.7	598.2	591.5	11.31	11.28	10.45	-25.7	-29.6	-36.6	-0.02		
8.0	20.90	629.6	619.2	612.1	11.42	11.17	10.31	-24.5	-30.4	-34.7	-0.24		
9.0	20.20	650.5	639.4	632.0	11.53	11.06	10.13	-24.1	-32.2	-35.1	-0.27		
10.0	19.40	670.6	658.8	651.3	11.38	10.90	9.97	-23.5	-36.0	-35.8	-0.28		
11.0	17.60	682.6	676.3	671.3	10.63	10.41	9.34	-22.8	-44.6	-38.3	0.36		
12.0	27.00	711.5	703.3	696.3	11.00	10.65	9.82	-24.1	-45.6	-40.4	0.62		
13.0	24.50	736.8	727.8	720.1	10.57	10.44	9.06	-24.6	-44.8	-42.4	0.36		
14.0	21.40	758.4	749.2	741.5	10.32	9.84	8.51	-24.7	-43.1	-43.6	0.22		
15.0	18.80	777.0	768.0	760.3	9.95	9.14	8.16	-25.1	-42.8	-44.3	0.08		
16.0	16.60	793.5	784.6	777.0	9.71	9.06	7.73	-25.9	-42.0	-44.9	-0.01		