

Voltage Controlled Oscillator

ZOS-535+

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	27.60	273.0	269.6	268.4	9.82	8.66	8.00	-27.8	-31.1	-33.6	0.97	10	-96
2.0	20.90	294.0	290.5	289.1	10.55	9.84	9.23	-38.0	-30.4	-36.2	0.64	100	-118
3.0	18.20	312.7	308.7	307.4	11.14	10.62	10.04	-45.1	-29.1	-33.3	0.97	1000	-131
4.0	19.00	331.3	327.7	326.4	11.44	11.16	10.66	-33.7	-27.8	-32.8	0.41		
5.0	19.00	350.4	346.7	345.0	11.87	11.66	11.14	-29.6	-26.4	-33.6	0.07		
6.0	19.50	370.5	366.2	364.0	11.63	11.32	11.05	-29.7	-27.2	-35.7	-0.36		
7.0	21.00	392.3	387.2	385.1	11.83	11.32	10.72	-30.0	-28.8	-37.7	1.04		
8.0	21.50	414.6	408.7	406.4	11.16	10.72	10.17	-31.0	-30.1	-41.6	0.35		
9.0	20.10	435.2	428.8	426.7	10.52	9.86	9.32	-31.7	-33.8	-44.7	-0.14		
10.0	23.60	457.6	452.4	450.0	9.92	9.17	8.94	-37.2	-38.2	-36.6	-0.23		
11.0	22.60	480.3	475.0	472.3	10.01	9.64	9.23	-37.1	-37.5	-35.8	-0.37		
12.0	20.60	500.8	495.6	492.8	10.25	10.10	9.55	-32.9	-34.6	-38.8	-0.58		
13.0	18.80	519.8	514.5	511.4	10.30	10.09	9.89	-30.1	-32.7	-42.6	0.93		
14.0	16.80	536.9	531.2	527.8	10.48	10.29	10.22	-28.6	-32.5	-45.5	0.73		
15.0	13.90	551.0	545.1	541.5	10.31	9.94	10.19	-27.9	-32.5	-48.5	0.38		
16.0	11.00	560.2	556.1	553.3	10.55	10.04	9.45	-28.0	-32.9	-43.2	0.12		