

Voltage Controlled Oscillator

ZX95-930C+

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			
0.00	24.18	876.87	874.08	872.38	5.66	5.40	4.63	-27.48	-37.81	-47.88	0.90	1	-88.9
0.30	21.26	883.86	881.20	879.54	5.71	5.48	4.83	-27.50	-37.25	-46.70	0.59	10	-116.5
0.50	20.11	888.13	885.51	883.86	5.73	5.51	4.93	-27.62	-36.98	-46.68	0.46	100	-138.1
0.75	19.27	893.14	890.54	888.87	5.75	5.54	5.01	-27.76	-36.83	-47.01	0.36	1000	-157.4
1.00	18.77	897.97	895.36	893.66	5.77	5.56	5.08	-27.70	-36.67	-46.96	0.29		
1.25	18.47	902.68	900.05	898.33	5.78	5.58	5.13	-27.51	-36.37	-47.69	0.25		
1.50	18.30	907.32	904.67	902.92	5.79	5.59	5.18	-27.43	-36.35	-48.26	0.22		
1.75	18.19	911.91	909.24	907.46	5.81	5.60	5.22	-27.51	-35.91	-48.96	0.21		
2.00	18.13	916.49	913.79	911.98	5.82	5.61	5.25	-27.60	-35.35	-48.84	0.21		
2.25	18.05	921.04	918.33	916.49	5.82	5.62	5.28	-27.71	-35.08	-49.35	0.23		
2.50	17.93	925.57	922.84	920.99	5.84	5.62	5.30	-27.81	-34.87	-50.77	0.26		
2.75	17.83	930.06	927.32	925.47	5.86	5.64	5.32	-27.97	-34.97	-52.15	0.31		
3.00	17.69	934.53	931.78	929.92	5.86	5.64	5.34	-28.06	-34.96	-53.65	0.36		
3.25	17.47	938.96	936.20	934.34	5.87	5.65	5.36	-28.11	-34.45	-55.36	0.41		
3.50	17.25	943.33	940.57	938.71	5.89	5.66	5.37	-28.14	-33.79	-57.99	0.48		
3.75	16.99	947.64	944.88	943.02	5.89	5.66	5.38	-28.24	-33.41	-61.90	0.55		
4.00	16.67	951.91	949.13	947.26	5.88	5.66	5.38	-28.40	-33.12	-64.54	0.61		
4.25	16.32	956.08	953.30	951.43	5.88	5.66	5.39	-28.47	-32.82	-66.09	0.67		
4.50	15.98	960.17	957.38	955.51	5.87	5.66	5.39	-28.48	-32.63	-62.02	0.73		
4.70	15.65	963.38	960.58	958.70	5.85	5.65	5.39	-28.48	-32.48	-58.00	0.77		
5.00	15.13	968.09	965.27	963.39	5.84	5.64	5.38	-28.46	-32.29	-52.81	0.82		
5.25	14.70	971.88	969.05	967.17	5.82	5.63	5.38	-28.47	-32.13	-50.73	0.86		
5.50	14.28	975.57	972.72	970.85	5.80	5.62	5.37	-28.46	-31.85	-50.92	0.89		
5.75	13.81	979.15	976.29	974.41	5.78	5.61	5.36	-28.46	-31.60	-50.68	0.91		
6.00	13.36	982.61	979.75	977.87	5.76	5.59	5.34	-28.50	-31.31	-49.74	0.93		
6.25	12.93	985.96	983.09	981.22	5.73	5.58	5.32	-28.52	-31.11	-47.75	0.94		
6.50	12.54	989.20	986.32	984.46	5.71	5.56	5.31	-28.61	-30.66	-45.33	0.95		
6.75	12.16	992.34	989.45	987.59	5.69	5.54	5.29	-28.59	-30.61	-44.25	0.96		
7.00	12.16	995.38	992.49	990.64	5.68	5.53	5.27	-28.58	-30.59	-43.55	0.96		