

Voltage Controlled Oscillator

ZX95-2795+

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			
0.0	34.49	2537.6	2526.2	2517.7	4.1	4.0	3.8	-29.1	-54.1	-36.1	4.35	1	-75
0.5	29.92	2553.8	2543.4	2536.0	4.2	4.1	3.8	-29.2	-53.3	-36.8	4.02	10	-99
1.0	32.88	2569.7	2558.4	2551.1	4.1	4.2	3.9	-29.0	-51.2	-36.7	4.05	100	-121
1.5	31.23	2585.3	2574.8	2566.3	4.6	4.2	3.9	-29.4	-50.5	-38.3	4.23	1000	-141
2.0	32.51	2601.2	2590.5	2582.7	4.7	4.5	4.0	-30.5	-51.1	-41.1	4.14		
2.5	35.07	2617.8	2606.7	2598.7	4.9	4.7	4.3	-31.2	-50.3	-42.7	4.21		
3.0	36.26	2635.4	2624.2	2615.9	5.0	4.8	4.3	-31.0	-49.2	-46.6	4.21		
3.5	37.34	2653.8	2642.4	2634.0	5.1	4.9	4.5	-31.6	-49.1	-47.4	4.18		
4.0	39.11	2672.5	2661.0	2652.8	5.3	5.1	4.4	-32.5	-48.4	-48.6	4.21		
4.5	38.79	2692.1	2680.6	2672.0	5.4	5.2	4.7	-32.2	-47.0	-49.6	4.03		
5.0	39.19	2711.3	2700.0	2691.7	5.6	5.4	4.8	-31.9	-46.3	-49.3	3.81		
5.5	38.08	2730.8	2719.6	2710.8	5.7	5.4	4.9	-32.3	-46.2	-49.6	3.94		
6.0	37.40	2749.6	2738.6	2730.5	5.9	5.6	4.9	-31.9	-45.9	-49.0	3.62		
6.5	38.15	2768.8	2757.3	2748.9	5.8	5.7	5.2	-31.1	-45.1	-48.9	3.72		
7.0	36.61	2787.3	2776.4	2768.1	6.0	5.7	5.1	-31.0	-45.7	-49.3	3.43		
7.5	36.66	2805.7	2794.7	2786.4	6.0	5.8	5.2	-30.7	-44.7	-50.8	3.46		
8.0	36.06	2823.9	2813.0	2804.9	6.2	5.9	5.2	-29.3	-44.1	-49.9	3.27		
8.5	35.62	2842.1	2831.1	2822.7	6.0	5.9	5.4	-29.6	-43.8	-48.2	3.22		
9.0	35.15	2859.6	2848.9	2840.6	6.1	5.8	5.4	-28.7	-43.8	-47.1	3.07		
9.5	34.90	2877.5	2866.5	2857.9	5.9	5.8	5.4	-28.5	-42.7	-47.1	3.04		
10.0	34.28	2894.7	2883.9	2875.4	5.9	5.7	5.4	-27.5	-41.5	-46.4	2.85		
10.5	34.42	2912.2	2901.1	2892.4	5.7	5.7	5.3	-27.6	-41.8	-45.9	2.83		
11.0	33.19	2929.3	2918.3	2909.5	5.6	5.5	5.3	-26.9	-40.1	-45.7	2.71		
11.5	33.09	2946.1	2934.9	2926.2	5.5	5.4	5.1	-26.7	-38.3	-44.8	2.52		
12.0	33.09	2962.8	2951.4	2942.5	5.4	5.3	5.1	-26.3	-37.6	-44.1	2.44		