

Voltage Controlled Oscillator

ZX95-2660+

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	29.53	2598.9	2589.6	2582.8	2.33	1.73	1.34	-18.6	-23.6	-29.6	0.15	1	-83
0.25	26.10	2605.9	2597.0	2590.7	2.45	1.87	1.50	-19.1	-23.7	-29.6	0.25	10	-108
0.50	23.65	2612.2	2603.5	2597.5	2.56	1.96	1.64	-19.3	-24.3	-28.8	0.31	100	-129
0.75	21.84	2617.9	2609.4	2603.6	2.64	2.07	1.75	-18.9	-24.3	-27.7	0.34	1000	-148
1.00	20.63	2623.3	2614.9	2609.2	2.70	2.16	1.83	-18.7	-24.1	-27.4	0.34		
1.25	19.71	2628.3	2620.0	2614.5	2.76	2.22	1.91	-18.5	-24.5	-27.9	0.34		
1.50	18.89	2633.2	2624.9	2619.5	2.82	2.28	1.97	-18.6	-24.8	-28.6	0.34		
1.75	18.34	2637.9	2629.7	2624.2	2.86	2.34	2.03	-18.8	-24.6	-28.9	0.34		
2.00	17.97	2642.5	2634.2	2628.9	2.91	2.39	2.07	-19.2	-24.0	-29.4	0.33		
2.25	17.61	2647.0	2638.7	2633.4	2.96	2.44	2.12	-19.4	-23.8	-29.9	0.32		
2.50	17.34	2651.4	2643.1	2637.7	3.01	2.49	2.17	-19.3	-24.1	-30.3	0.31		
2.75	17.25	2655.8	2647.5	2642.1	3.04	2.55	2.20	-19.2	-24.3	-31.0	0.30		
3.00	17.25	2660.1	2651.8	2646.4	3.07	2.60	2.25	-19.2	-24.4	-32.0	0.29		
3.25	17.20	2664.4	2656.1	2650.6	3.12	2.63	2.30	-19.1	-24.7	-32.7	0.29		
3.50	17.14	2668.7	2660.4	2654.8	3.17	2.67	2.33	-19.1	-25.1	-32.9	0.28		
3.75	17.09	2673.0	2664.7	2659.1	3.22	2.71	2.36	-19.2	-24.8	-33.2	0.27		
4.00	17.04	2677.3	2669.0	2663.4	3.26	2.76	2.40	-19.2	-24.4	-33.7	0.25		
4.25	17.08	2681.5	2673.2	2667.7	3.30	2.82	2.46	-19.2	-24.1	-34.5	0.22		
4.50	17.05	2685.8	2677.5	2672.0	3.34	2.86	2.52	-19.1	-24.3	-36.0	0.21		
4.75	17.04	2690.0	2681.7	2676.2	3.37	2.90	2.58	-19.3	-24.8	-37.0	0.19		
5.00	17.15	2694.3	2686.0	2680.5	3.41	2.94	2.61	-19.6	-24.6	-37.5	0.18		
5.25	17.33	2698.7	2690.3	2684.8	3.44	2.97	2.64	-19.9	-24.2	-37.1	0.15		
5.50	17.54	2703.1	2694.6	2689.1	3.47	3.01	2.68	-20.0	-23.8	-37.0	0.13		
5.75	17.70	2707.5	2699.0	2693.4	3.49	3.04	2.71	-19.9	-23.8	-37.8	0.11		
6.00	17.88	2712.0	2703.4	2697.7	3.50	3.07	2.74	-19.6	-23.9	-39.0	0.09		
6.25	18.19	2716.6	2707.9	2702.1	3.50	3.09	2.77	-19.4	-23.7	-40.1	0.07		
6.50	18.63	2721.2	2712.5	2706.6	3.50	3.11	2.79	-19.2	-23.4	-40.7	0.04		
6.75	19.15	2726.0	2717.1	2711.1	3.53	3.10	2.81	-19.2	-23.3	-40.9	0.01		
7.00	19.15	2730.8	2721.9	2715.7	3.58	3.11	2.82	-19.4	-23.4	-41.0	0.03		