

Voltage Controlled Oscillator

ZX95-3760-S+

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	99.3	3045.1	3020.9	3001.3	7.8	8.1	7.2	-25.4	-37.6	-46.8	1.1	1	-68
0.50	86.8	3092.9	3070.5	3052.7	7.8	8.1	7.2	-26.0	-37.7	-48.0	0.4	10	-96
2.00	64.5	3214.4	3194.5	3179.5	7.8	8.0	7.2	-26.0	-36.3	-49.5	0.6	100	-118
3.00	59.9	3278.9	3259.0	3244.1	7.6	8.0	7.2	-25.9	-34.9	-50.5	0.8	1000	-139
4.00	58.2	3339.1	3318.9	3304.6	7.8	8.1	7.3	-27.1	-33.5	-51.7	0.9		
5.00	56.1	3396.5	3377.1	3362.2	7.8	8.1	7.2	-28.8	-31.9	-52.3	0.9		
6.00	55.6	3453.2	3433.2	3418.3	7.8	8.1	7.3	-29.4	-35.5	-49.6	1.0		
7.00	56.2	3509.4	3488.8	3473.5	7.8	8.1	7.4	-28.7	-42.3	-48.9	1.0		
8.00	57.8	3566.0	3545.0	3529.7	7.9	8.0	7.4	-29.4	-48.3	-46.9	0.8		
9.00	59.4	3624.1	3602.8	3586.8	7.8	7.9	7.3	-29.8	-49.6	-46.7	0.8		
10.00	62.0	3683.4	3662.2	3645.7	7.9	7.8	7.3	-29.2	-47.4	-47.1	0.6		
11.00	63.6	3745.3	3724.2	3707.4	8.1	7.9	7.2	-29.0	-45.4	-49.8	0.3		
12.00	62.0	3808.2	3787.8	3769.9	8.2	7.8	7.2	-28.5	-41.4	-52.3	0.2		
13.00	59.0	3869.7	3849.7	3832.2	8.3	7.8	7.3	-29.0	-38.3	-54.4	1.8		
14.00	52.4	3927.9	3908.8	3891.4	8.3	7.7	7.2	-28.8	-34.9	-57.9	3.9		
15.00	46.2	3980.8	3961.1	3944.7	8.4	7.8	7.2	-27.6	-35.9	-64.3	5.9		
16.00	37.6	4025.8	4007.3	3991.0	8.4	7.5	7.1	-26.4	-34.7	-62.6	7.1		
17.00	31.9	4064.8	4044.9	4028.3	8.4	7.6	7.1	-26.9	-35.6	-58.4	7.8		
18.00	25.1	4096.2	4076.8	4060.1	8.3	7.5	7.0	-26.6	-35.5	-54.3	7.0		
19.00	20.2	4121.9	4102.0	4084.6	8.2	7.3	7.0	-26.6	-34.3	-51.4	6.1		
20.00	16.6	4142.4	4122.1	4104.5	8.3	7.3	6.8	-26.3	-33.5	-50.2	5.2		
21.00	16.6	4158.9	4138.7	4120.6	8.3	7.4	6.7	-27.2	-33.7	-49.8	4.2		

Notes

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