

Voltage Controlled Oscillator

ROS-3600-619+

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	38.8	2876.5	2861.5	2851.5	3.3	3.0	1.8	-36.6	-41.9	-53.2	1.8	1	-71
0.5	38.3	2895.5	2880.9	2871.2	3.3	2.9	1.7	-36.3	-40.7	-51.8	1.8	10	-98
2.0	40.8	2952.2	2938.1	2928.3	3.4	3.0	1.8	-35.4	-38.9	-46.5	1.7	100	-120
3.0	45.7	2993.6	2978.9	2968.8	3.2	2.9	1.9	-35.6	-38.5	-43.7	1.6	1000	-141
4.0	47.0	3039.7	3024.6	3013.7	3.5	3.0	1.8	-35.8	-37.8	-41.5	1.5		
5.0	47.0	3087.4	3071.5	3060.1	3.3	2.9	2.1	-35.7	-35.5	-42.2	1.4		
6.0	45.2	3134.4	3118.6	3106.9	3.5	3.0	2.1	-36.3	-31.8	-43.3	1.3		
7.0	43.4	3179.6	3163.8	3151.7	3.6	3.1	2.2	-35.4	-28.2	-45.1	1.2		
8.0	42.1	3223.0	3207.2	3195.1	3.7	3.3	2.4	-36.1	-29.7	-49.3	1.0		
9.0	40.4	3265.1	3249.3	3236.8	3.9	3.2	2.4	-36.1	-30.0	-53.4	0.9		
10.0	39.4	3305.6	3289.7	3277.2	4.0	3.5	2.7	-37.3	-31.5	-61.4	0.6		
11.0	38.0	3345.0	3329.1	3316.4	4.1	3.5	2.7	-37.5	-32.2	-57.3	0.3		
12.0	36.6	3382.9	3367.1	3354.3	4.4	3.8	2.9	-38.6	-32.0	-51.0	0.1		
13.0	35.3	3420.0	3403.7	3390.6	4.2	3.8	3.1	-39.8	-33.6	-49.8	0.5		
14.0	33.4	3455.0	3439.0	3425.9	4.5	3.9	3.1	-40.9	-34.1	-50.8	0.9		
15.0	31.8	3488.9	3472.5	3459.1	4.5	4.1	3.3	-40.7	-33.9	-53.3	1.4		
16.0	29.5	3520.7	3504.2	3490.8	4.6	4.1	3.3	-43.3	-32.7	-60.9	1.9		
17.0	27.1	3550.4	3533.8	3520.4	4.5	4.1	3.4	-43.3	-31.9	-62.2	2.3		
18.0	24.3	3577.8	3560.8	3547.4	4.5	4.1	3.4	-43.7	-31.4	-62.7	2.7		
19.0	21.2	3602.3	3585.2	3571.7	4.4	4.0	3.4	-48.9	-31.0	-61.8	3.0		
20.0	18.2	3623.8	3606.4	3593.0	4.4	3.9	3.2	-45.6	-30.3	-61.8	3.2		
21.0	15.4	3642.2	3624.6	3611.2	4.2	4.0	3.2	-50.1	-30.0	-58.3	3.2		
22.0	12.9	3657.7	3640.0	3626.6	4.1	3.9	3.2	-50.4	-29.7	-57.0	3.1		
23.0	10.7	3670.6	3652.9	3639.5	4.1	3.7	3.1	-51.5	-29.8	-60.8	2.8		
24.0	9.1	3681.4	3663.7	3650.5	4.1	3.6	2.9	-51.6	-29.0	-55.5	2.7		
25.0	7.8	3690.6	3672.8	3659.7	4.1	3.6	2.9	-49.2	-28.9	-61.6	2.5		
26.0	7.8	3698.4	3680.6	3667.6	4.1	3.6	2.8	-49.9	-30.2	-60.0	2.4		

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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