

Voltage Controlled Oscillator

ROS-2760C-119R+

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	16.3	2573.2	2568.0	2563.9	3.4	3.0	2.5	-16.8	-35.4	-33.8	0.0	1	-85
0.50	13.8	2581.0	2576.1	2572.4	3.4	3.0	2.6	-16.8	-36.0	-33.8	0.1		
1.00	12.7	2587.7	2583.0	2579.4	3.4	3.1	2.6	-16.9	-34.6	-32.2	0.1		
1.50	12.1	2593.9	2589.4	2585.8	3.5	3.1	2.7	-16.9	-34.0	-32.1	0.1		
2.00	11.8	2599.9	2595.4	2591.9	3.5	3.1	2.7	-16.9	-35.2	-32.5	0.1		
2.50	11.7	2605.8	2601.3	2597.7	3.5	3.2	2.8	-16.9	-34.4	-31.5	0.1		
3.00	11.6	2611.6	2607.1	2603.5	3.5	3.2	2.8	-16.8	-33.5	-31.2	0.1		
3.50	11.7	2617.5	2613.0	2609.3	3.6	3.2	2.8	-16.6	-33.1	-31.3	0.1		
4.00	11.9	2623.3	2618.8	2615.2	3.7	3.3	2.9	-16.8	-33.8	-30.4	0.1		
4.50	12.1	2629.3	2624.8	2621.1	3.8	3.4	3.0	-17.1	-33.7	-30.4	0.1		
5.00	12.5	2635.4	2630.8	2627.1	3.8	3.5	3.1	-17.3	-34.3	-30.4	0.1		
5.50	12.9	2641.7	2637.1	2633.2	3.8	3.6	3.2	-17.1	-34.6	-29.5	0.2		
6.00	13.3	2648.2	2643.5	2639.6	3.8	3.6	3.2	-16.8	-32.8	-29.3	0.2		
6.50	13.7	2654.9	2650.2	2646.2	3.9	3.6	3.3	-16.5	-32.3	-29.3	0.2		
7.00	14.0	2661.8	2657.0	2652.9	3.8	3.6	3.3	-16.6	-33.0	-28.5	0.2		
7.50	14.4	2668.8	2664.0	2659.9	3.9	3.6	3.3	-16.8	-34.3	-29.0	0.2		
8.00	14.7	2676.1	2671.2	2667.1	3.9	3.6	3.3	-16.8	-32.8	-28.5	0.2		
8.50	15.0	2683.5	2678.6	2674.4	4.0	3.7	3.4	-16.5	-32.1	-29.2	0.2		
9.00	15.4	2691.1	2686.1	2681.9	4.0	3.8	3.4	-16.6	-32.8	-28.5	0.2		
9.50	15.8	2698.9	2693.8	2689.5	4.1	3.8	3.5	-16.5	-32.5	-29.6	0.2		
10.00	15.9	2706.8	2701.7	2697.3	4.1	3.9	3.6	-16.7	-32.6	-29.0	0.2		
10.50	16.1	2714.8	2709.6	2705.2	4.1	3.9	3.7	-16.5	-32.4	-29.7	0.2		
11.00	16.2	2723.0	2717.7	2713.3	4.1	3.9	3.7	-16.5	-31.0	-30.4	0.1		
11.50	15.9	2731.1	2725.8	2721.3	4.1	3.9	3.7	-16.1	-31.1	-29.6	0.1		
12.00	15.5	2739.0	2733.7	2729.3	4.2	4.0	3.7	-16.0	-30.8	-30.4	0.0		
12.50	14.9	2746.7	2741.5	2737.1	4.3	4.0	3.8	-16.2	-29.7	-29.3	0.1		
13.00	14.3	2754.2	2748.9	2744.6	4.3	4.1	3.8	-16.2	-28.7	-29.8	0.2		
13.50	13.6	2761.4	2756.1	2751.7	4.4	4.2	3.9	-15.9	-28.0	-29.0	0.3		
14.00	12.9	2768.2	2762.9	2758.5	4.5	4.3	4.0	-15.8	-27.7	-29.3	0.3		
14.50	12.1	2774.8	2769.3	2764.9	4.5	4.3	4.1	-15.9	-27.5	-28.6	0.4		
15.00	11.3	2780.9	2775.4	2770.9	4.5	4.4	4.2	-15.6	-27.3	-28.4	0.4		
15.50	10.6	2786.7	2781.1	2776.5	4.5	4.4	4.2	-15.6	-27.3	-28.1	0.3		
16.00	9.9	2792.1	2786.3	2781.8	4.5	4.4	4.2	-15.7	-27.4	-28.2	0.3		
16.50	9.2	2797.2	2791.3	2786.6	4.5	4.4	4.2	-15.9	-27.4	-27.3	0.2		
17.00	8.7	2801.9	2795.9	2791.2	4.5	4.4	4.2	-15.9	-27.8	-27.5	0.2		
17.50	8.2	2806.3	2800.2	2795.4	4.5	4.4	4.2	-15.9	-27.2	-27.5	0.1		
18.00	7.7	2810.4	2804.3	2799.4	4.6	4.4	4.3	-15.6	-27.3	-27.5	0.1		
18.50	7.2	2814.3	2808.1	2803.2	4.6	4.4	4.3	-15.3	-27.4	-27.1	0.0		
19.50	6.4	2821.3	2815.1	2810.2	4.6	4.5	4.3	-14.8	-28.5	-26.7	0.1		
20.00	6.4	2824.6	2818.3	2813.5	4.6	4.5	4.3	-14.8	-28.6	-26.9	0.1		

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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