

Voltage Controlled Oscillator

ROS-2760C-119+

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	15.49	2574.8	2569.7	2565.6	3.84	3.70	3.60	-17.4	-44.7	-30.5	0.18	1	-85
0.5	13.40	2582.2	2577.4	2573.6	3.84	3.72	3.64	-17.0	-49.0	-29.3	0.24	10	-113
1.0	12.45	2588.8	2584.1	2580.4	3.83	3.73	3.64	-17.0	-45.0	-29.2	0.27	100	-133
1.5	11.99	2594.9	2590.4	2586.6	3.83	3.73	3.63	-16.8	-44.2	-28.8	0.29	1000	-153
2.0	11.82	2600.9	2596.4	2592.6	3.83	3.74	3.63	-16.8	-45.7	-27.7	0.30		
2.5	11.76	2606.8	2602.3	2598.5	3.82	3.73	3.63	-16.6	-45.1	-27.7	0.31		
3.0	11.84	2612.7	2608.1	2604.3	3.82	3.71	3.61	-16.6	-42.7	-27.7	0.32		
3.5	11.94	2618.6	2614.1	2610.2	3.85	3.71	3.59	-16.4	-42.3	-26.6	0.33		
4.0	12.10	2624.5	2620.0	2616.1	3.90	3.73	3.60	-16.4	-42.4	-26.9	0.34		
4.5	12.28	2630.6	2626.1	2622.1	3.93	3.78	3.63	-16.4	-41.4	-26.3	0.35		
5.0	12.49	2636.8	2632.2	2628.2	3.98	3.81	3.66	-16.4	-40.7	-26.4	0.35		
5.5	12.80	2643.0	2638.5	2634.4	4.02	3.85	3.70	-16.4	-40.9	-26.3	0.35		
6.0	13.11	2649.5	2644.9	2640.8	4.05	3.88	3.75	-16.3	-39.6	-25.9	0.37		
6.5	13.39	2656.1	2651.4	2647.3	4.08	3.91	3.78	-16.2	-38.6	-27.3	0.38		
7.0	13.76	2662.8	2658.1	2653.9	4.11	3.95	3.81	-16.1	-38.9	-26.0	0.38		
7.5	14.12	2669.7	2665.0	2660.7	4.15	3.99	3.85	-16.0	-38.4	-26.2	0.39		
8.0	14.48	2676.8	2672.1	2667.7	4.20	4.02	3.89	-15.8	-37.0	-28.2	0.40		
8.5	14.84	2684.1	2679.3	2674.9	4.24	4.08	3.93	-15.8	-37.0	-26.6	0.40		
9.0	15.21	2691.6	2686.7	2682.3	4.24	4.11	3.99	-15.8	-37.6	-28.1	0.41		
9.5	15.55	2699.3	2694.3	2689.9	4.18	4.10	4.01	-15.8	-36.4	-28.3	0.41		
10.0	16.05	2707.2	2702.1	2697.6	4.12	4.05	3.99	-15.6	-36.1	-29.6	0.40		
10.5	16.17	2715.3	2710.1	2705.5	4.06	4.00	3.95	-15.6	-36.1	-29.5	0.42		
11.0	16.30	2723.4	2718.2	2713.6	4.02	3.94	3.89	-15.5	-35.2	-30.8	0.40		
11.5	16.26	2731.6	2726.4	2721.7	4.03	3.91	3.83	-15.4	-35.2	-29.5	0.36		
12.0	16.14	2739.8	2734.5	2729.9	4.07	3.93	3.81	-15.1	-34.0	-29.8	0.31		
12.5	15.94	2748.0	2742.6	2737.9	4.17	3.98	3.85	-15.2	-33.7	-29.2	0.26		
13.0	15.28	2755.9	2750.5	2745.8	4.25	4.08	3.91	-14.9	-33.7	-28.7	0.21		
13.5	14.77	2763.6	2758.2	2753.5	4.32	4.16	4.01	-15.1	-31.9	-28.5	0.13		
14.0	14.15	2771.1	2765.6	2760.9	4.38	4.23	4.09	-14.9	-32.2	-27.8	0.07		
14.5	13.46	2778.2	2772.6	2767.9	4.40	4.29	4.17	-14.9	-32.4	-27.6	0.04		
15.0	12.78	2785.1	2779.4	2774.6	4.41	4.32	4.23	-14.8	-31.1	-26.9	0.03		
15.5	12.03	2791.5	2785.8	2781.0	4.39	4.32	4.25	-14.6	-30.9	-27.3	0.04		
16.0	11.36	2797.7	2791.8	2786.9	4.35	4.31	4.25	-14.6	-31.3	-26.8	0.06		
16.5	10.70	2803.5	2797.5	2792.5	4.31	4.28	4.24	-14.5	-31.2	-26.1	0.10		
17.0	10.05	2808.9	2802.8	2797.8	4.28	4.25	4.23	-14.5	-30.5	-26.5	0.15		
17.5	9.43	2814.0	2807.8	2802.8	4.26	4.22	4.20	-14.4	-30.4	-27.8	0.19		
18.0	8.88	2818.7	2812.5	2807.5	4.24	4.19	4.17	-14.2	-30.4	-26.4	0.23		
18.5	8.41	2823.2	2817.0	2812.0	4.23	4.17	4.15	-14.1	-30.4	-25.6	0.27		
19.5	7.64	2831.5	2825.2	2820.2	4.28	4.15	4.11	-13.9	-30.3	-27.1	0.34		
20.0	7.64	2835.4	2829.0	2824.0	4.32	4.17	4.11	-13.9	-30.4	-26.5	0.36		

