

Voltage Controlled Oscillator

ROS-3360+

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	175.16	1951.8	1908.4	1869.1	7.24	7.11	7.27	-20.75	-15.33	-23.63	0.77	1	-68.8
0.50	141.87	2033.4	1996.0	1962.8	7.42	7.48	7.50	-22.73	-16.84	-27.91	0.46	10	-95.3
1.00	123.69	2102.1	2067.0	2036.4	7.62	7.77	7.65	-23.69	-20.22	-28.89	0.29	100	-117.0
1.50	112.97	2163.1	2128.8	2100.1	7.91	7.82	7.78	-23.61	-20.75	-27.55	0.21	1000	-137.1
2.00	105.26	2218.4	2185.3	2158.0	8.15	8.19	7.88	-23.58	-23.00	-27.97	0.16		
2.50	98.27	2269.5	2237.9	2210.7	8.33	8.30	8.00	-22.59	-23.07	-30.11	0.20		
3.00	94.40	2318.2	2287.1	2261.5	8.59	8.34	8.18	-21.51	-21.91	-31.01	0.28		
3.50	91.57	2364.6	2334.3	2310.3	8.93	8.59	8.17	-19.14	-21.52	-34.37	0.35		
4.00	90.75	2409.4	2380.0	2357.5	8.97	8.74	8.27	-20.06	-20.68	-42.81	0.40		
4.50	94.69	2455.1	2425.4	2403.3	9.09	8.79	8.22	-19.13	-21.05	-40.08	0.44		
5.00	95.88	2501.5	2472.8	2449.9	9.03	8.84	8.20	-20.37	-22.54	-43.14	0.66		
5.50	94.06	2551.3	2520.7	2496.5	9.51	8.69	8.24	-21.55	-23.82	-44.99	0.92		
6.00	97.21	2599.1	2567.7	2545.7	9.43	9.08	8.19	-22.95	-26.51	-42.90	0.97		
6.50	96.83	2646.8	2616.3	2593.5	9.45	8.92	8.11	-24.03	-27.28	-37.14	0.94		
7.00	92.94	2693.8	2664.7	2641.6	9.56	9.01	8.01	-26.16	-28.36	-39.91	0.86		
7.50	94.22	2738.1	2711.2	2688.2	9.42	8.96	8.16	-27.91	-30.14	-45.82	0.82		
8.00	87.49	2784.7	2758.3	2734.4	9.66	8.71	8.06	-26.71	-28.88	-46.71	0.84		
8.50	94.21	2830.6	2802.1	2781.0	9.19	8.84	7.98	-28.50	-29.57	-50.43	0.81		
9.00	89.08	2874.6	2849.2	2826.8	9.43	8.67	7.62	-27.63	-29.20	-53.26	0.80		
9.50	91.31	2918.9	2893.7	2871.7	9.31	8.71	7.98	-26.92	-27.35	-49.15	0.78		
10.00	89.42	2964.6	2939.4	2916.9	9.36	8.57	7.79	-27.55	-27.67	-52.19	0.83		
10.50	89.72	3009.1	2984.1	2963.0	9.23	8.68	7.77	-28.28	-30.26	-49.88	0.80		
11.00	91.41	3054.7	3028.9	3008.0	9.01	8.62	7.62	-28.18	-32.09	-40.44	0.81		
11.50	86.58	3097.7	3074.6	3052.8	9.26	8.51	7.74	-27.80	-34.78	-43.21	0.85		
12.00	91.10	3143.6	3117.9	3097.5	8.72	8.41	7.74	-31.30	-35.78	-47.95	1.04		
12.50	85.76	3187.6	3163.5	3143.1	8.86	8.30	7.21	-29.95	-41.25	-45.13	1.03		
13.00	87.17	3230.5	3206.4	3186.0	8.79	8.31	7.50	-32.68	-44.61	-48.10	1.18		
13.50	80.24	3273.8	3250.0	3228.9	8.66	8.03	7.35	-31.61	-43.51	-47.06	1.43		
14.00	78.82	3314.0	3290.1	3270.9	8.64	8.21	7.15	-32.67	-43.48	-55.13	1.50		
14.50	75.86	3353.8	3329.5	3309.4	8.46	8.03	7.18	-36.57	-46.06	-53.87	1.74		
15.00	64.23	3389.8	3367.4	3346.5	8.44	7.69	7.12	-34.10	-46.55	-57.55	1.80		
15.50	65.21	3424.8	3399.5	3380.9	8.29	7.95	6.78	-36.83	-47.12	-69.16	1.81		
16.00	56.42	3456.2	3432.1	3410.3	8.24	7.63	7.08	-36.59	-45.57	-69.72	1.93		
16.50	50.55	3484.4	3460.3	3440.7	8.01	7.63	6.63	-36.63	-40.89	-66.42	1.87		
17.00	43.88	3509.0	3485.6	3465.8	8.05	7.39	6.60	-34.48	-36.61	-62.28	1.79		
17.50	41.44	3532.4	3507.6	3487.7	8.30	7.33	6.54	-33.56	-40.81	-62.75	1.65		
18.00	40.37	3554.3	3528.3	3508.2	7.94	7.56	6.27	-32.98	-37.49	-63.37	1.65		
18.50	32.68	3571.9	3548.5	3526.8	7.90	7.30	6.34	-29.73	-40.27	-68.93	1.52		
19.50	27.06	3603.6	3579.4	3560.3	7.64	7.19	6.14	-27.52	-41.41	-65.69	1.28		
20.00	27.06	3617.3	3592.9	3573.8	7.59	7.17	6.01	-26.10	-40.26	-72.52	1.27		

