

Voltage Controlled Oscillator

ROS-3000V+

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			
0.6	55.30	2266.9	2234.0	2214.0	9.86	9.04	7.95	-18.3	-19.2	-40.9	0.21	1	-70
2.4	49.57	2358.2	2323.7	2300.9	9.93	9.60	8.82	-18.8	-18.9	-37.3	0.55	10	-96
3.0	53.12	2392.0	2355.6	2331.0	10.63	9.52	8.94	-21.2	-18.9	-37.5	0.70	100	-116
4.2	59.82	2464.9	2426.8	2399.7	11.05	10.07	9.30	-17.0	-20.0	-33.5	1.24	1000	-136
5.4	62.22	2537.5	2501.5	2472.9	11.35	10.54	9.74	-17.0	-21.4	-30.4	0.71		
6.0	57.65	2570.7	2536.1	2509.6	11.51	10.64	9.88	-17.5	-22.4	-30.9	0.24		
7.2	54.50	2630.8	2602.4	2577.9	11.45	10.65	10.02	-19.1	-25.4	-36.3	0.63		
9.0	51.00	2719.0	2695.2	2669.6	11.03	10.35	9.80	-19.5	-29.7	-46.0	0.84		
10.2	45.32	2780.0	2751.7	2724.4	10.39	10.28	9.85	-18.9	-31.6	-49.2	0.57		
11.4	42.05	2834.5	2803.6	2773.8	9.90	10.07	9.56	-18.5	-29.7	-49.4	0.60		
12.0	39.22	2858.8	2827.1	2797.2	9.60	9.84	9.56	-18.3	-29.9	-48.7	0.46		
13.2	35.43	2904.8	2870.4	2839.4	9.54	9.50	9.24	-18.3	-27.3	-48.4	0.56		
15.0	29.22	2962.3	2927.5	2895.2	9.29	9.49	9.22	-17.4	-27.4	-46.5	0.60		
16.2	24.77	2995.9	2958.9	2926.9	9.01	9.42	9.22	-17.5	-33.3	-46.8	0.88		
17.4	23.63	3025.4	2988.3	2954.8	8.69	9.30	9.15	-18.0	-29.9	-48.9	0.26		
18.0	22.80	3038.5	3001.9	2967.7	8.66	9.03	9.22	-18.4	-28.5	-47.9	0.39		
19.2	19.47	3062.5	3026.5	2992.0	8.61	8.86	9.04	-18.6	-28.2	-47.6	0.66		
20.4	17.53	3086.4	3048.8	3013.4	8.41	8.89	8.81	-18.8	-26.7	-46.8	1.21		
21.0	15.85	3098.4	3058.3	3023.0	8.30	8.92	8.74	-19.2	-26.6	-46.9	0.90		
22.2	15.03	3118.6	3076.9	3039.9	8.29	8.81	8.74	-19.5	-26.0	-47.3	0.78		