

Voltage Controlled Oscillator

ROS-EDR5691

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			
1.0	44.35	2459.3	2445.7	2426.8	9.67	9.42	8.64	-16.9	-23.8	-38.9	1.10	1	-76
2.0	34.91	2492.6	2480.6	2461.4	9.86	9.49	8.66	-16.9	-24.2	-39.7	1.08	10	-99
3.0	29.75	2523.6	2510.4	2492.4	9.92	9.61	8.86	-17.4	-24.2	-41.1	1.13	100	-121
4.0	30.03	2552.6	2540.4	2522.0	10.14	9.78	8.87	-17.5	-24.9	-41.7	1.08	1000	-141
5.0	28.69	2581.6	2569.1	2551.4	10.21	9.91	9.08	-17.6	-24.9	-42.2	1.09		
6.0	30.67	2611.7	2599.8	2581.2	10.35	9.95	9.20	-17.5	-25.8	-42.7	1.06		
7.0	29.48	2641.5	2629.2	2612.4	10.32	10.10	9.40	-17.4	-25.0	-41.9	0.90		
8.0	33.04	2674.2	2662.3	2643.7	10.35	10.03	9.43	-17.7	-26.4	-42.1	0.90		
9.0	32.19	2706.6	2694.5	2678.3	10.28	10.10	9.51	-17.9	-27.5	-42.8	0.71		
10.0	34.95	2741.4	2729.4	2713.1	10.25	10.03	9.41	-18.3	-30.0	-43.7	0.58		
11.0	35.95	2775.9	2765.4	2750.9	10.22	9.90	9.16	-19.2	-32.5	-46.1	0.43		
12.0	37.93	2813.5	2803.3	2789.7	9.99	9.63	8.88	-20.1	-32.6	-49.8	0.38		
13.0	38.78	2851.9	2842.1	2829.6	9.57	9.34	8.69	-20.9	-31.6	-50.9	0.34		
14.0	39.87	2891.1	2882.0	2868.9	9.11	8.86	8.29	-20.9	-30.5	-52.1	0.37		
15.0	36.51	2929.1	2918.5	2904.1	8.70	8.51	8.12	-20.6	-30.3	-50.9	0.42		
16.0	34.04	2963.1	2952.5	2938.2	8.40	8.29	7.97	-20.3	-30.7	-52.7	0.44		
17.0	31.56	2995.3	2984.1	2968.6	8.28	8.04	7.72	-20.3	-30.6	-53.0	0.48		
18.0	28.60	3023.1	3012.7	2997.8	8.15	8.05	7.68	-20.5	-30.9	-53.6	0.47		
19.0	26.05	3050.9	3038.7	3022.7	7.93	7.75	7.57	-20.2	-30.7	-55.1	0.45		
20.0	25.86	3075.9	3064.6	3047.7	7.85	7.73	7.36	-20.5	-30.9	-55.4	0.51		
21.0	22.78	3099.5	3087.4	3071.5	7.53	7.40	7.28	-20.0	-31.0	-54.7	0.51		
22.0	22.27	3121.2	3109.6	3092.5	7.22	7.12	7.03	-19.9	-31.0	-55.4	0.51		
23.0	20.48	3141.8	3130.1	3113.2	6.68	6.72	6.74	-19.5	-31.3	-54.1	0.58		
24.0	19.20	3161.3	3149.3	3132.0	6.17	6.21	6.33	-19.2	-30.9	-53.7	0.51		