

Voltage Controlled Oscillator

ROS-EDR6401

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	F2	F3	F4	
0.0	27.83	2716.8	2707.8	2700.1	3.03	2.90	2.60	-25.4	-52.9		1.36
0.3	24.58	2723.5	2714.7	2707.7	3.09	2.97	2.68	-25.0	-47.7		1.45
0.5	22.47	2729.5	2720.9	2714.0	3.17	3.01	2.77	-24.7	-47.9		1.55
0.8	21.10	2735.1	2726.5	2719.7	3.28	3.06	2.86	-24.4	-47.1		1.61
1.0	19.99	2740.1	2731.8	2725.0	3.36	3.13	2.91	-24.2	-48.2		1.71
1.3	18.70	2745.0	2736.7	2730.0	3.41	3.20	2.95	-24.1	-46.1		1.80
1.5	18.08	2749.7	2741.4	2734.9	3.44	3.25	2.99	-23.9	-42.4		1.85
1.8	17.74	2754.3	2745.9	2739.5	3.42	3.26	3.01	-23.8	-41.0		1.90
2.0	17.41	2758.8	2750.4	2743.9	3.40	3.26	3.03	-23.7	-40.1		1.95
2.3	17.40	2763.2	2754.7	2748.2	3.40	3.25	3.03	-23.8	-38.8		1.99
2.5	17.22	2767.4	2759.1	2752.4	3.40	3.24	3.03	-24.0	-38.4		2.08
2.8	16.64	2771.6	2763.4	2756.6	3.38	3.25	3.02	-24.2	-38.6		2.15
3.0	16.35	2775.8	2767.5	2760.9	3.38	3.26	3.02	-24.3	-37.7		2.16
3.3	16.42	2780.0	2771.6	2765.1	3.39	3.28	3.04	-24.4	-36.9		2.15
3.5	16.52	2784.2	2775.7	2769.2	3.41	3.31	3.06	-24.4	-36.5		2.15
3.8	16.58	2788.4	2779.9	2773.2	3.43	3.34	3.08	-24.3	-35.6		2.15
4.0	16.84	2792.5	2784.0	2777.3	3.41	3.33	3.08	-24.0	-34.6		2.16
4.3	16.74	2796.6	2788.2	2781.4	3.37	3.32	3.08	-23.8	-33.6		2.21
4.5	16.45	2800.7	2792.4	2785.5	3.33	3.32	3.08	-23.6	-33.2		2.21
4.8	16.60	2805.0	2796.5	2789.8	3.31	3.29	3.07	-23.6	-32.8		2.18
4.9	16.81	2807.5	2799.0	2792.3	3.32	3.27	3.08	-23.6	-32.5		2.16
5.3	17.19	2813.6	2804.9	2798.0	3.34	3.23	3.07	-23.5	-31.7		2.10
5.5	17.43	2818.0	2809.2	2802.2	3.38	3.22	3.03	-23.4	-30.9		2.06
5.8	17.79	2822.2	2813.6	2806.5	3.42	3.23	2.97	-23.3	-30.2		2.04
6.0	17.55	2826.5	2818.0	2810.8	3.43	3.24	2.91	-23.2	-29.5		2.04
6.3	17.37	2830.9	2822.4	2815.2	3.43	3.26	2.88	-23.2	-29.2		1.96
6.5	17.68	2835.5	2826.7	2819.8	3.44	3.26	2.88	-23.5	-29.0		1.85
6.8	18.23	2840.1	2831.2	2824.2	3.45	3.25	2.90	-24.0	-28.6		1.74
7.0	18.23	2844.8	2835.7	2828.5	3.48	3.25	2.91	-24.5	-28.1		1.65