

Voltage Controlled Oscillator

ROS-ED11795/1

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			
0.5	4.89	2948.6	2941.9	2936.6	8.07	7.87	7.44	-21.8	-33.5	-46.5	0.04	1	-90
1.0	4.57	2951.0	2944.5	2939.1	8.12	7.93	7.50	-21.8	-33.4	-46.9	0.03	10	-115
1.5	4.35	2953.2	2946.9	2941.5	8.17	7.97	7.56	-21.5	-33.8	-47.4	0.06	100	-135
2.0	4.34	2955.4	2949.2	2943.7	8.22	8.02	7.61	-21.3	-34.1	-47.6	0.08	1000	-155
2.5	4.37	2957.6	2951.5	2946.0	8.26	8.08	7.67	-21.0	-34.7	-47.3	0.09		
3.0	4.42	2959.8	2953.8	2948.2	8.31	8.14	7.72	-20.9	-35.1	-47.3	0.10		
3.5	4.46	2962.0	2956.1	2950.5	8.35	8.19	7.76	-20.8	-35.5	-47.7	0.11		
4.0	4.52	2964.2	2958.4	2952.8	8.39	8.23	7.81	-20.7	-36.2	-48.2	0.10		
4.5	4.51	2966.4	2960.7	2955.1	8.43	8.25	7.85	-20.7	-37.0	-48.5	0.10		
5.0	4.46	2968.6	2963.0	2957.4	8.47	8.27	7.89	-20.5	-38.4	-49.9	0.09		
5.5	4.30	2970.8	2965.2	2959.7	8.50	8.30	7.92	-20.5	-39.7	-51.7	0.08		
6.0	4.06	2972.8	2967.4	2961.9	8.53	8.33	7.95	-20.4	-41.8	-53.6	0.05		
6.5	3.68	2974.8	2969.4	2963.9	8.57	8.36	7.98	-20.4	-44.4	-53.7	0.03		
7.0	3.27	2976.5	2971.2	2965.8	8.60	8.39	8.01	-20.4	-48.8	-52.5	0.01		
7.5	2.79	2978.0	2972.8	2967.4	8.62	8.40	8.03	-20.4	-56.1	-51.9			
8.0	2.32	2979.3	2974.2	2968.8	8.64	8.43	8.05	-20.5	-58.5	-51.1			