

Voltage Controlled Oscillator

ROS-EDR4739

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	223.60	2734.5	2701.1	2676.5	5.01	4.16	4.32	-37.0	-44.1	-54.2	-4.42	1	-67
1.0	171.80	2816.3	2787.0	2763.3	4.88	4.37	4.19	-39.7	-60.5	-53.2	-2.38	10	-93
1.5	140.80	2885.4	2857.4	2834.3	4.92	4.90	4.22	-40.9	-54.6	-52.1	-1.33	100	-113
2.0	124.30	2947.2	2919.5	2897.8	4.28	4.43	3.75	-42.2	-59.4	-53.1	-0.75	1000	-136
2.5	117.80	3005.1	2978.4	2956.5	4.30	4.29	3.61	-42.7	-59.5	-51.0	-0.71		
3.0	110.20	3060.8	3033.5	3012.3	4.33	4.65	3.64	-45.5	-55.4	-47.4	-0.25		
3.5	111.60	3115.3	3089.3	3066.9	4.19	4.17	3.66	-45.8	-51.4	-42.3	-0.17		
4.0	107.70	3169.6	3143.1	3121.4	3.71	4.03	3.52	-50.6	-51.8	-41.6	0.17		
4.5	109.90	3224.0	3198.1	3176.3	4.23	4.55	2.88	-56.6	-51.8	-43.7	0.25		
5.0	109.80	3279.0	3253.0	3231.4	4.09	4.41	3.23	-64.2	-54.1	-48.8	-0.04		
5.5	108.80	3333.2	3307.4	3286.8	4.12	4.10	2.93	-54.9	-54.4	-48.5	-0.38		
6.0	108.20	3386.3	3361.5	3340.1	3.81	3.79	3.12	-47.8	-56.6	-49.8	-1.17		
6.5	94.70	3435.0	3408.8	3390.0	3.00	3.15	2.64	-48.3	-57.4	-52.1	-2.00		
7.0	90.30	3478.6	3454.0	3433.6	3.35	3.67	1.99	-46.1	-53.9	-54.7	-2.63		