

Voltage Controlled Oscillator

ROS-ED8407/1

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	38.40	871.9	862.6	853.5	0.26	0.96	1.03	-18.6	-32.8	-34.3	1.80	1	-75
0.8	32.87	879.8	870.9	862.0	0.34	1.00	1.07	-18.9	-31.4	-35.1	2.11	10	-100
1.0	28.80	886.7	878.1	869.4	0.37	1.10	1.12	-19.1	-30.9	-35.7	2.35	100	-120
1.3	26.02	893.0	884.6	876.0	0.43	1.13	1.15	-19.4	-30.1	-36.8	2.53	1000	-139
1.5	23.77	898.8	890.5	882.0	0.46	1.18	1.19	-19.5	-29.5	-37.9	2.69		
1.8	21.90	904.2	896.0	887.5	0.47	1.22	1.29	-19.7	-29.1	-38.0	2.83		
2.0	20.58	909.3	901.1	892.7	0.47	1.26	1.32	-20.0	-28.7	-38.9	2.98		
2.3	19.33	914.1	906.0	897.5	0.47	1.28	1.33	-20.0	-28.3	-39.2	3.07		
2.5	18.37	918.6	910.5	902.0	0.48	1.29	1.37	-20.2	-28.0	-40.8	3.18		
2.8	17.46	922.9	914.9	906.4	0.48	1.29	1.38	-20.3	-27.7	-40.3	3.26		
3.0	16.71	927.1	919.1	910.5	0.48	1.30	1.38	-20.4	-27.4	-41.5	3.34		
3.3	16.10	931.1	923.1	914.5	0.48	1.30	1.38	-20.4	-27.2	-40.8	3.41		
3.5	15.47	934.9	927.0	918.3	0.50	1.31	1.38	-20.5	-26.7	-41.0	3.45		
3.8	14.96	938.6	930.7	922.0	0.53	1.32	1.39	-20.6	-26.6	-40.8	3.50		
4.0	14.60	942.3	934.4	925.6	0.51	1.35	1.38	-20.9	-26.4	-40.6	3.50		
4.3	14.17	945.8	937.9	929.1	0.55	1.38	1.39	-20.9	-26.2	-40.0	3.54		
4.5	13.84	949.2	941.4	932.5	0.58	1.37	1.42	-21.0	-26.1	-39.9	3.53		
4.8	13.49	952.6	944.7	935.9	0.59	1.41	1.40	-21.1	-26.1	-40.3	3.51		
5.0	13.16	955.9	948.0	939.1	0.62	1.44	1.43	-21.2	-25.9	-39.9	3.49		