

Voltage Controlled Oscillator

ROS-EDR5057/1

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			
0.3	14.68	911.7	905.1	900.1	3.98	4.36	3.65	-32.0	-67.1	-55.0	0.01	1	-87
0.5	13.57	915.0	908.5	903.6	3.95	4.29	3.59	-32.0	-65.8	-55.1	0.02	10	-111
0.8	12.88	918.2	911.7	906.8	3.95	4.25	3.57	-32.2	-66.3	-54.3	0.03	100	-130
1.0	12.30	921.3	914.8	909.9	3.94	4.28	3.63	-32.2	-65.1	-54.6	0.03	1000	-149
1.3	12.22	924.3	917.8	912.9	3.92	4.31	3.67	-32.2	-65.4	-55.3	0.04		
1.5	12.36	927.4	920.9	916.0	3.89	4.30	3.66	-32.3	-63.4	-55.3	0.04		
1.8	12.50	930.6	924.0	919.2	3.87	4.27	3.65	-32.4	-64.4	-55.2	0.05		
2.0	12.65	933.7	927.2	922.3	3.83	4.25	3.63	-32.7	-62.9	-54.8	0.05		
2.3	12.81	936.9	930.4	925.5	3.80	4.22	3.62	-33.0	-62.7	-55.2	0.05		
2.5	13.00	940.2	933.6	928.7	3.74	4.18	3.59	-33.2	-62.0	-55.7	0.05		
2.8	13.14	943.5	936.9	932.0	3.64	4.13	3.56	-33.5	-61.9	-55.3	0.05		
3.0	13.26	946.8	940.2	935.3	3.58	4.09	3.53	-33.7	-61.8	-54.9	0.05		
3.3	13.33	950.1	943.6	938.7	3.65	4.05	3.50	-33.7	-60.3	-55.4	0.05		
3.5	13.38	953.4	946.9	942.0	3.66	4.01	3.44	-33.6	-59.0	-54.8	0.05		
3.8	13.35	956.7	950.3	945.4	3.64	3.97	3.39	-33.4	-59.8	-54.9	0.05		
4.0	13.26	959.9	953.6	948.7	3.62	3.96	3.34	-33.4	-59.5	-54.6	0.04		
4.3	13.11	963.2	956.9	951.9	3.57	3.93	3.37	-33.5	-58.7	-54.7	0.04		
4.5	12.93	966.4	960.1	955.1	3.52	3.90	3.40	-33.6	-58.6	-53.9	0.04		
4.8	12.74	969.5	963.3	958.2	3.48	3.87	3.41	-33.5	-58.6	-53.6	0.03		
5.0	12.48	972.6	966.4	961.4	3.42	3.80	3.35	-33.6	-57.3	-53.0	0.03		
5.3	12.12	975.6	969.4	964.4	3.36	3.77	3.32	-33.5	-58.2	-53.9	0.03		
5.5	11.67	978.6	972.3	967.4	3.30	3.79	3.30	-33.5	-56.7	-53.0	0.03		
5.8	11.46	981.5	975.2	970.3	3.24	3.81	3.27	-33.6	-57.6	-54.1	0.03		
6.0	11.27	984.3	978.0	973.2	3.21	3.80	3.23	-33.8	-56.2	-52.7	0.02		
6.3	11.04	987.0	980.8	976.0	3.23	3.78	3.21	-33.8	-55.7	-52.1	0.03		
6.5	10.80	989.7	983.5	978.7	3.23	3.75	3.17	-34.0	-55.8	-52.5	0.03		
6.8	10.55	992.3	986.1	981.4	3.18	3.71	3.10	-34.2	-57.8	-51.5	0.02		
7.0	10.30	994.9	988.7	984.0	3.12	3.66	3.04	-34.3	-55.3	-51.5	0.02		