

Voltage Controlled Oscillator

ROSA-ED9046C/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			
1.0	18.71	830.5	827.4	824.3	7.61	7.68	7.55	-11.8	-37.2	-36.8	0.04	1	-92
2.0	16.73	847.8	844.2	840.6	8.00	8.07	7.90	-13.9	-34.7	-36.6	0.11	10	-120
3.0	16.53	864.5	860.7	856.9	8.41	8.56	8.39	-16.3	-34.1	-42.9	0.17	100	-140
4.0	16.00	880.5	876.7	873.1	8.45	8.75	8.62	-19.4	-35.1	-49.6	0.18	1000	-158
5.0	15.31	895.6	892.0	888.7	8.13	8.45	8.38	-22.6	-38.0	-48.8	0.15		
6.0	14.30	909.6	906.3	903.1	7.88	8.08	8.05	-25.1	-43.5	-52.9	0.11		
7.0	12.87	922.3	919.2	916.1	7.85	7.97	7.94	-26.8	-47.0	-57.2	0.12		
8.0	11.46	933.6	930.6	927.6	7.90	8.00	8.00	-28.3	-42.0	-56.2	0.16		
9.0	10.02	943.8	940.7	937.8	7.83	8.05	8.05	-29.9	-38.8	-40.6	0.20		
10.0	9.35	952.8	950.0	947.1	7.76	7.89	7.97	-30.5	-36.5	-46.1	0.23		
11.0	8.05	960.7	958.1	955.3	7.72	7.83	7.92	-31.6	-35.2	-47.8	0.22		
12.0	7.10	967.5	965.2	962.5	7.73	7.80	7.89	-32.5	-34.5	-47.7	0.17		
13.0	6.27	973.6	971.4	969.0	7.77	7.81	7.87	-33.4	-34.3	-46.8	0.12		
14.0	5.49	979.0	976.9	974.6	7.85	7.85	7.92	-34.0	-34.0	-47.1	0.06		
15.0	4.82	983.7	981.7	979.6	7.96	7.92	7.98	-34.3	-34.3	-47.7	0.01		
16.0	4.21	987.8	985.9	983.9	8.08	8.00	8.04	-34.8	-34.5	-48.1	0.04		
17.0	3.66	991.4	989.6	987.7	8.25	8.12	8.13	-34.9	-34.7	-52.5	0.07		
18.0	3.22	994.7	992.8	990.9	8.11	8.17	8.21	-34.8	-34.7	-45.1	0.13		
19.0	3.02	997.5	995.9	994.0	8.23	8.09	8.15	-35.0	-36.3	-42.0	0.11		
20.0	2.48	1000.0	998.3	996.6	8.33	8.21	8.22	-34.9	-37.3	-42.9	0.10		