

Voltage Controlled Oscillator

ROS-ED11422/2

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	14.45	909.9	907.0	904.4	1.76	0.83	-0.65	-33.5	-53.6	-48.4	0.19	1	-91
1.0	14.72	917.2	914.2	911.6	1.69	0.79	-0.66	-34.1	-52.2	-50.2	0.18	10	-116
1.5	16.07	924.9	921.8	919.2	1.60	0.75	-0.69	-34.6	-53.0	-50.8	0.19	100	-136
2.0	17.71	933.4	930.2	927.5	1.49	0.70	-0.69	-35.1	-51.5	-50.4	0.25	1000	-156
2.5	19.11	942.7	939.4	936.7	1.38	0.62	-0.71	-36.3	-50.5	-52.4	0.42		
3.0	19.10	952.3	949.0	946.4	1.30	0.53	-0.76	-37.0	-49.8	-53.0	0.70		
3.5	17.55	961.5	958.3	956.0	1.25	0.43	-0.88	-37.9	-49.7	-53.0	1.04		
4.0	14.66	969.5	966.5	964.4	1.24	0.32	-1.02	-38.9	-49.6	-52.6	1.22		
4.5	11.17	976.0	973.1	971.1	1.22	0.23	-1.14	-39.7	-50.3	-53.1	1.16		
5.0	7.81	980.9	977.9	975.9	1.20	0.14	-1.25	-40.4	-50.6	-53.3	0.92		
5.5	5.13	984.4	981.3	979.1	1.18	0.07	-1.32	-40.4	-50.0	-52.9	0.64		
6.0	3.49	986.7	983.6	981.3	1.17	0.04	-1.36	-40.7	-49.2	-52.4	0.43		