

Voltage Controlled Oscillator

ROS-EDR4502

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	21.80	889.9	884.2	880.7	10.21	9.54	8.48	-9.4	-17.9	-21.0	-0.45	1 10 100 1000	-79 -102 -120 -144
0.8	18.90	899.8	894.0	890.6	9.80	9.25	8.25	-9.5	-18.4	-20.2	-0.38		
0.8	18.90	899.8	894.0	890.6	9.80	9.25	8.25	-9.5	-18.4	-20.2	-0.38		
1.0	17.70	904.8	898.4	895.0	9.59	9.18	8.20	-9.5	-18.6	-19.8	-0.32		
1.3	16.90	909.3	902.6	899.3	9.56	9.13	8.14	-9.5	-18.9	-19.4	-0.32		
1.5	17.40	913.7	906.9	903.8	9.52	9.08	8.07	-9.5	-19.1	-19.1	-0.26		
1.8	17.40	918.0	911.3	908.1	9.42	9.02	8.10	-9.5	-19.4	-19.1	-0.26		
2.0	17.90	922.7	915.8	912.1	9.28	8.98	8.17	-9.5	-19.7	-19.0	-0.19		
2.3	17.90	927.5	920.3	916.0	9.19	8.94	8.20	-9.5	-20.0	-18.9	-0.19		
2.5	18.40	932.1	924.9	920.1	9.18	8.94	8.21	-9.5	-20.4	-18.8	-0.13		
2.8	17.90	936.6	929.3	924.5	9.18	8.97	8.22	-9.5	-20.9	-18.8	-0.13		
3.0	17.70	941.4	933.8	928.9	9.19	9.00	8.26	-9.6	-21.5	-18.6	-0.13		
3.3	17.40	946.1	938.1	933.2	9.22	9.03	8.30	-9.8	-22.0	-18.5	-0.19		
3.5	17.70	950.5	942.5	937.5	9.27	9.06	8.33	-9.9	-22.5	-18.7	-0.13		
3.8	17.70	954.8	946.9	941.9	9.37	9.09	8.37	-9.9	-23.0	-18.8	-0.13		
4.0	18.20	959.4	951.5	946.2	9.45	9.12	8.42	-9.9	-23.7	-18.9	-0.13		
4.3	18.20	963.8	956.0	950.3	9.49	9.14	8.47	-9.9	-24.1	-18.7	-0.13		
4.5	16.60	968.3	960.2	954.2	9.53	9.23	8.59	-10.1	-24.7	-18.7	-0.13		
4.8	16.60	972.6	964.4	958.0	9.59	9.32	8.70	-10.2	-25.4	-18.7	-0.06		
5.0	16.10	976.8	968.4	961.8	9.66	9.41	8.78	-10.2	-26.0	-18.7	-0.13		