

Voltage Controlled Oscillator

ROS-EDR5464/3

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	24.79	469.0	467.9	467.2	7.16	6.82	6.01	-18.3	-33.8	-43.1	-0.38	1	-82
1.0	21.08	479.9	478.4	477.3	7.84	7.44	6.72	-19.0	-33.7	-41.6	-0.34	10	-106
1.5	18.93	489.6	487.9	486.5	8.31	7.88	7.19	-19.9	-34.3	-40.1	-0.31	100	-126
2.0	17.60	498.5	496.7	495.1	8.60	8.17	7.50	-20.4	-34.2	-38.7	-0.29	1000	-148
2.5	16.86	507.2	505.1	503.4	8.77	8.36	7.73	-21.0	-34.7	-37.5	-0.29		
3.0	16.42	515.6	513.3	511.5	8.84	8.47	7.87	-21.3	-34.8	-36.4	-0.28		
3.5	16.24	523.9	521.5	519.4	8.84	8.51	7.95	-21.8	-34.9	-35.6	-0.28		
4.0	16.08	532.1	529.5	527.4	8.79	8.50	7.96	-22.4	-35.1	-35.1	-0.29		
4.5	16.09	540.4	537.5	535.3	8.71	8.47	7.94	-22.3	-34.7	-34.8	-0.30		
5.0	16.22	548.7	545.7	543.4	8.61	8.40	7.90	-23.0	-34.5	-34.3	-0.30		
5.5	16.55	557.1	553.9	551.6	8.42	8.29	7.83	-23.2	-34.3	-34.0	-0.31		
6.0	16.94	565.6	562.4	560.1	8.19	8.11	7.66	-23.2	-33.8	-33.9	-0.34		
6.5	17.64	574.4	571.2	568.8	7.88	7.82	7.41	-23.7	-33.3	-34.2	-0.37		
7.0	18.27	583.5	580.4	577.8	7.48	7.44	7.09	-23.6	-32.4	-33.9	-0.39		
7.5	18.92	593.1	589.8	587.0	7.01	7.05	6.77	-23.9	-31.6	-33.6	-0.41		
8.0	19.29	602.9	599.5	596.4	6.55	6.70	6.50	-24.2	-31.3	-33.1	-0.42		
8.5	19.56	612.9	609.2	605.9	6.08	6.37	6.26	-24.7	-30.9	-32.5	-0.43		
9.0	19.69	623.0	619.1	615.5	5.56	5.93	5.89	-24.5	-30.5	-31.6	-0.41		
9.5	19.61	633.0	628.9	625.1	5.04	5.53	5.55	-24.7	-30.2	-30.7	-0.40		
10.0	19.32	642.8	638.5	634.5	4.52	5.09	5.18	-24.5	-30.2	-30.0	-0.38		
10.5	19.01	652.4	648.1	643.8	4.01	4.65	4.78	-24.6	-30.4	-29.2	-0.35		
11.0	18.55	661.8	657.3	652.8	3.54	4.21	4.38	-24.1	-30.5	-28.6	-0.32		
11.5	18.06	671.0	666.4	661.7	3.16	3.86	4.02	-23.7	-30.7	-28.0	-0.29		
12.0	17.31	679.7	675.0	670.2	2.77	3.50	3.69	-23.4	-31.0	-27.5	-0.28		