

Voltage Controlled Oscillator

ROS-EDR3858/3

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	36.20	1953.6	1934.7	1919.9	0.99	0.27	-0.41	-14.6	-29.8	-25.8	-0.64	1	-73
1.0	33.90	1970.1	1951.6	1937.0	0.89	0.22	-0.30	-14.9	-30.6	-26.2	-0.51	10	-96
1.5	34.00	1986.4	1968.6	1954.4	0.78	0.10	-0.40	-15.0	-30.8	-28.5	-0.45	100	-116
2.0	37.90	2004.0	1987.6	1973.8	0.57	-0.08	-0.56	-15.3	-30.9	-29.8	-0.45	1000	-135
2.5	42.00	2024.6	2008.6	1994.9	0.34	-0.24	-0.77	-15.8	-30.6	-31.1	-0.45		
3.0	46.70	2047.9	2031.9	2018.6	-0.27	-0.56	-0.92	-16.5	-29.6	-33.3	-0.58		
3.5	51.50	2072.8	2057.7	2043.0	-0.80	-0.91	-1.09	-17.9	-28.5	-35.9	-0.83		
4.0	47.10	2098.0	2081.2	2067.4	-1.36	-1.30	-1.47	-18.9	-27.6	-38.2	-1.09		
4.5	42.50	2117.9	2102.5	2086.8	-1.68	-1.73	-1.61	-18.8	-26.6	-39.5	-1.15		
5.0	29.80	2133.6	2117.4	2102.3	-2.04	-1.95	-1.66	-19.2	-26.1	-40.4	-0.96		