

Voltage Controlled Oscillator

ROS-810LN+

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	13.40	744.8	741.4	738.2	3.88	4.92	5.05	-24.1	-39.9	-38.7	0.17	1	-90
1.0	10.67	750.0	746.7	743.6	4.05	5.10	5.24	-24.8	-39.6	-38.0	0.18	10	-115
1.5	9.41	754.7	751.4	748.3	4.21	5.27	5.40	-25.5	-39.2	-37.7	0.19	100	-135
2.0	8.68	759.0	755.8	752.6	4.36	5.43	5.54	-26.3	-38.7	-37.4	0.20	1000	-155
2.5	8.26	763.1	759.9	756.7	4.48	5.57	5.66	-27.0	-38.2	-37.0	0.21		
3.0	8.06	767.2	763.9	760.7	4.64	5.69	5.80	-27.6	-38.4	-36.4	0.23		
3.5	7.93	771.2	767.9	764.6	4.75	5.80	5.92	-28.2	-38.1	-36.3	0.24		
4.0	7.92	775.2	771.8	768.5	4.86	5.96	6.05	-28.9	-37.8	-36.2	0.25		
4.5	8.02	779.3	775.9	772.5	4.95	6.09	6.21	-29.7	-37.6	-36.0	0.26		
5.0	8.16	783.4	779.9	776.5	5.06	6.19	6.32	-30.5	-37.6	-36.1	0.29		
5.5	8.38	787.6	784.1	780.6	5.17	6.29	6.42	-31.3	-37.2	-35.9	0.30		
6.0	8.66	792.0	788.5	784.9	5.32	6.41	6.54	-32.1	-37.0	-35.7	0.34		
6.5	9.00	796.6	793.0	789.3	5.43	6.55	6.66	-32.6	-36.5	-35.2	0.37		
7.0	9.36	801.3	797.6	793.9	5.55	6.70	6.80	-33.8	-36.4	-35.2	0.39		
7.5	9.76	806.3	802.5	798.7	5.70	6.85	6.94	-35.1	-36.3	-35.1	0.41		
8.0	10.18	811.4	807.6	803.7	5.87	7.02	7.11	-36.1	-36.5	-34.8	0.43		
8.5	10.50	816.8	812.8	808.9	6.12	7.20	7.27	-38.0	-36.3	-34.7	0.44		
9.0	10.82	822.3	818.3	814.2	6.29	7.40	7.45	-39.0	-36.3	-34.5	0.41		
9.5	10.98	827.8	823.7	819.7	6.52	7.61	7.65	-39.9	-35.8	-34.1	0.38		
10.0	10.94	833.4	829.2	825.1	6.75	7.85	7.88	-41.8	-36.1	-33.3	0.35		

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