Voltage Controlled Oscillator ROS-ED9398A/1

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4	
0.00	33.45	1769.91	1755.02	1745.00	1.33	0.82	-1.24	-28.77	-20.18	-32.84	1.00
1.00	29.32	1799.52	1785.25	1776.02	0.97	0.69	-1.31	-31.14	-20.88	-34.30	1.03
2.00	31.47	1829.78	1815.54	1806.48	0.95	0.55	-1.62	-33.29	-21.52	-35.67	1.00
3.00	33.79	1862.26	1848.11	1839.33	0.80	0.38	-1.68	-34.30	-22.04	-38.73	0.87
4.00	35.36	1896.80	1882.75	1874.12	0.52	0.15	-2.02	-33.90	-23.85	-42.35	0.75
5.00	33.63	1931.26	1917.46	1908.92	0.53	0.01	-2.13	-33.28	-23.32	-42.96	0.74
6.00	31.95	1963.50	1950.07	1941.73	0.31	-0.17	-2.13	-31.84	-23.89	-45.94	0.70
7.00	30.92	1994.96	1981.53	1973.18	0.14	-0.32	-2.24	-30.18	-25.16	-41.93	0.76
8.00	29.37	2025.10	2011.70	2003.33	0.15	-0.45	-2.34	-29.02	-24.72	-39.76	0.84
9.00	28.56	2054.11	2040.60	2032.19	0.00	-0.55	-2.33	-28.33	-24.49	-38.65	0.89
10.00	27.92	2082.39	2068.82	2060.37	-0.11	-0.68	-2.43	-26.76	-23.63	-38.54	0.93
11.00	26.95	2109.76	2096.25	2087.78	-0.18	-0.77	-2.42	-26.18	-22.70	-37.91	0.96
12.00	26.26	2136.29	2122.80	2114.31	-0.27	-0.90	-2.41	-25.53	-21.91	-36.73	0.99

FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
1	-77
10	-102
100	-122
1000	-142