

Voltage Controlled Oscillator

ROS-ED12524/2

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			
0.0	157.58	1715.7	1695.0	1680.0	4.68	5.42	4.34	-20.4	-31.1	-37.2	0.60	1	-72
1.0	104.57	1833.8	1818.4	1807.8	4.65	5.43	4.95	-27.4	-29.5	-43.1	1.18	10	-97
2.0	90.00	1929.2	1914.8	1904.2	4.81	5.33	4.92	-35.5	-31.2	-41.1	1.21	100	-117
3.0	89.72	2022.4	2005.4	1992.8	4.93	5.31	4.83	-32.4	-33.3	-48.3	1.47	1000	-137
4.0	80.68	2107.8	2090.6	2077.2	5.41	5.68	5.03	-28.4	-33.9	-57.9	2.01		
5.0	77.19	2185.5	2168.8	2155.7	5.39	5.87	5.41	-25.7	-35.0	-48.3	2.56		
6.0	73.47	2259.9	2243.1	2230.3	5.60	5.99	5.62	-25.5	-36.0	-56.4	2.98		
7.0	70.76	2330.6	2314.2	2301.6	5.83	6.09	5.82	-26.0	-36.0	-59.0	3.29		
8.0	67.30	2399.1	2383.5	2371.3	6.20	6.23	5.82	-25.8	-35.7	-50.2	3.46		
9.0	67.50	2466.0	2451.2	2439.3	6.49	6.37	5.86	-24.9	-34.8	-42.1	3.44		
10.0	67.17	2532.4	2518.6	2507.1	6.58	6.49	6.06	-22.7	-33.0	-40.2	3.19		
11.0	67.78	2599.0	2585.8	2574.7	6.31	6.39	6.02	-25.4	-32.7	-42.0	2.77		
12.0	75.86	2670.2	2656.6	2644.8	5.46	5.86	5.73	-26.1	-34.6	-48.3	2.51		
13.0	92.20	2756.5	2740.6	2725.6	4.81	5.32	5.27	-27.9	-35.2	-50.1	2.50		
14.0	65.11	2832.6	2820.0	2807.1	6.50	6.61	6.37	-26.9	-32.4	-42.9	1.75		
15.0	53.12	2892.5	2878.2	2865.9	7.61	7.83	7.63	-26.3	-34.2	-41.7	1.28		
16.0	45.62	2942.4	2927.1	2914.4	8.26	8.54	8.20	-27.3	-40.4	-52.6	1.29		
17.0	33.86	2981.5	2966.1	2954.5	8.92	9.00	8.65	-26.9	-49.4	-57.0	1.42		
18.0	27.19	3010.9	2997.0	2985.4	8.92	9.22	8.83	-26.4	-48.2	-52.6	1.44		