

Voltage Controlled Oscillator

ROS-ED12912/1

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	133.24	1709.2	1687.4	1668.1	2.72	2.86	2.22	-31.80	-34.07	-42.32	1.90	1	-74
1.0	78.13	1801.2	1786.3	1773.5	3.31	3.08	2.88	-26.36	-31.74	-40.21	0.64	10	-100
2.0	64.08	1871.2	1857.6	1846.5	3.29	3.01	2.76	-25.27	-30.74	-41.02	0.46	100	-121
3.0	57.37	1932.5	1919.4	1908.9	3.21	2.98	2.78	-24.47	-27.79	-42.59	0.34	1000	-141
4.0	53.71	1988.8	1975.9	1965.5	3.16	2.98	2.92	-23.53	-26.59	-35.04	0.20		
5.0	52.33	2042.7	2029.6	2018.9	2.98	2.99	3.04	-22.42	-26.84	-33.16	0.01		
6.0	52.43	2095.1	2081.6	2070.7	2.84	3.04	3.00	-21.52	-26.73	-30.98	0.24		
7.0	52.67	2146.7	2132.7	2121.9	3.01	3.09	2.78	-21.25	-27.15	-30.23	0.47		
8.0	51.91	2198.4	2184.3	2173.4	3.31	3.11	2.78	-20.98	-27.65	-30.51	0.69		
9.0	50.71	2250.2	2236.2	2225.3	3.38	3.11	2.96	-21.29	-28.71	-32.28	0.88		
10.0	51.33	2302.2	2288.1	2276.8	3.14	3.05	3.08	-22.34	-30.08	-33.90	1.05		
11.0	52.04	2354.2	2339.8	2328.1	2.70	2.94	2.99	-22.98	-29.78	-36.27	1.11		
12.0	51.15	2405.1	2390.3	2378.7	2.76	2.81	2.55	-24.25	-29.82	-38.33	0.93		
13.0	47.72	2454.2	2439.2	2427.9	2.85	2.68	2.37	-24.72	-30.13	-34.80	0.48		
14.0	43.79	2500.6	2485.9	2474.6	2.59	2.50	2.52	-25.19	-31.41	-31.11	0.09		