

Voltage Controlled Oscillator

ROS-EDR4754

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			
1.0	117.20	1238.6	1207.7	1177.9	8.64	8.19	6.61	-26.7	-24.8	-42.6	-1.28	1	-64
2.0	94.70	1334.0	1302.4	1272.3	8.84	8.38	7.29	-22.5	-20.4	-48.2	-1.60	10	-89
3.0	83.10	1422.0	1385.5	1354.2	9.21	8.86	8.01	-20.0	-20.7	-61.1	-1.86	100	-113
4.0	79.40	1499.8	1464.8	1433.0	9.04	8.71	8.29	-18.4	-23.2	-61.8	-2.30	1000	-134
5.0	76.90	1575.2	1541.7	1508.9	9.14	8.75	8.15	-19.0	-27.2	-61.3	-2.50		
6.0	72.90	1652.3	1614.6	1581.3	9.19	8.75	8.30	-20.1	-30.9	-60.9	-2.69		
7.0	77.10	1731.1	1691.7	1654.3	9.17	8.74	8.42	-20.7	-32.4	-60.2	-3.33		
8.0	73.50	1807.2	1765.1	1729.4	9.52	9.19	8.33	-22.7	-35.9	-48.3	-3.33		
9.0	73.70	1878.0	1838.8	1803.5	10.18	9.34	8.37	-22.9	-39.8	-49.0	-3.90		
10.0	77.20	1956.6	1916.0	1877.6	10.42	9.30	8.41	-22.3	-39.8	-47.7	-3.78		
11.0	70.30	2030.7	1986.4	1953.9	10.29	9.44	8.22	-25.3	-40.3	-46.8	-2.82		
12.0	74.70	2096.3	2061.1	2028.5	10.42	9.31	8.09	-31.4	-41.9	-50.4	-2.94		
13.0	64.40	2160.6	2125.5	2097.6	10.26	9.18	8.25	-36.7	-42.7	-60.6	-3.01		
14.0	60.40	2223.2	2185.9	2162.9	10.21	9.39	8.22	-30.9	-43.9	-61.1	-2.75		
15.0	60.20	2280.5	2246.1	2226.6	10.18	9.40	8.16	-30.9	-44.2	-55.9	-2.75		
16.0	53.30	2335.9	2299.4	2278.0	10.17	9.25	8.16	-30.8	-40.8	-51.6	-3.26		
17.0	49.90	2384.5	2349.3	2325.5	10.11	9.10	7.85	-30.8	-36.1	-51.1	-2.88		
18.0	45.50	2430.1	2394.9	2378.6	10.07	9.01	7.80	-32.6	-34.9	-53.9	-2.24		
19.0	43.00	2471.2	2437.9	2413.6	10.04	8.93	7.41	-32.5	-33.7	-55.6	-2.05		
20.0	37.80	2511.1	2475.7	2457.5	9.99	8.80	7.59	-33.3	-34.9	-56.9	-2.11		