

Voltage Controlled Oscillator

ROS-EDR5885

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	98.61	954.4	934.6	917.2	4.55	4.76	4.37	-20.1	-25.6	-47.7	0.84	1	-70
2.0	80.32	1033.1	1014.9	999.6	4.36	4.31	3.58	-18.1	-31.3	-44.7	0.76	10	-97
3.0	70.63	1103.3	1085.5	1071.0	4.34	4.09	3.12	-15.5	-33.0	-50.9	0.76	100	-119
4.0	65.90	1167.5	1151.4	1137.6	3.95	3.86	2.80	-14.8	-37.8	-53.1	0.77	1000	-141
5.0	62.92	1229.6	1214.3	1201.3	3.72	3.66	2.83	-14.4	-38.1	-51.5	0.75		
6.0	62.42	1291.1	1276.8	1264.8	3.48	3.52	2.79	-14.4	-37.8	-50.4	0.73		
7.0	63.32	1353.5	1340.1	1328.9	3.14	3.19	2.62	-15.1	-35.9	-48.3	0.72		
8.0	63.26	1416.0	1403.3	1393.1	2.44	2.75	2.46	-16.6	-35.9	-46.1	0.62		
9.0	69.26	1485.6	1472.6	1462.9	1.96	2.09	1.63	-16.4	-44.1	-68.1	0.53		
10.0	78.01	1565.1	1550.6	1539.3	1.71	1.83	1.49	-18.8	-41.7	-54.5	0.69		
11.0	75.89	1642.2	1626.5	1614.1	1.75	1.96	1.68	-21.2	-40.2	-50.0	0.73		
12.0	73.25	1716.1	1699.8	1686.7	1.78	2.07	1.74	-24.1	-39.5	-46.1	0.68		
13.0	69.37	1785.6	1769.1	1755.7	2.06	2.25	1.95	-27.3	-39.1	-46.8	0.56		
14.0	64.73	1850.3	1833.8	1820.2	2.12	2.35	2.11	-30.2	-38.9	-58.5	0.38		
15.0	59.30	1909.6	1893.1	1879.3	2.21	2.39	2.12	-31.4	-38.7	-59.5	0.24		
16.0	54.19	1964.1	1947.3	1933.3	2.36	2.55	2.29	-30.9	-39.2	-56.5	0.09		
17.0	49.32	2013.6	1996.7	1982.2	2.43	2.65	2.37	-30.1	-39.6	-48.1	-0.05		
18.0	44.32	2058.0	2041.0	2026.5	2.64	2.77	2.46	-29.7	-39.8	-46.1	-0.20		
19.0	39.34	2097.2	2080.3	2066.2	2.89	2.93	2.63	-30.0	-40.2	-44.9	-0.31		
20.0	34.35	2131.6	2114.7	2101.4	3.12	3.25	2.80	-30.9	-40.5	-44.5	-0.29		
21.0	30.81	2161.4	2145.5	2133.0	3.33	3.30	2.92	-32.0	-41.5	-47.0	-0.23		
22.0	27.59	2187.1	2173.1	2163.8	3.48	3.41	2.75	-34.2	-43.8	-49.4	-0.18		
23.0	29.70	2211.7	2202.8	2195.1	3.32	3.03	2.30	-37.7	-48.5	-54.4	-0.19		
24.0	33.55	2245.9	2236.3	2226.5	2.41	2.17	1.79	-39.3	-47.8	-59.6	-0.06		
25.0	30.31	2278.6	2266.6	2256.0	1.61	1.76	1.50	-39.4	-43.8	-59.7	0.14		