

Voltage Controlled Oscillator

ROS-EDR5904

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			
0.5	91.52	724.1	707.4	691.7	8.11	7.64	7.23	-29.0	-27.8	-39.7	0.87	1	-75
1.0	90.57	768.9	752.6	737.3	8.12	7.66	7.14	-26.7	-27.7	-44.2	0.82	10	-98
1.5	92.88	815.1	799.1	783.4	8.10	7.71	6.96	-25.0	-27.9	-49.4	0.79	100	-121
2.0	95.28	863.9	846.7	830.7	8.06	7.72	6.90	-23.6	-28.2	-54.1	0.79	1000	-141
2.5	98.54	913.5	896.0	879.9	8.01	7.81	6.91	-21.8	-28.1	-54.5	0.79		
3.0	98.49	962.7	945.2	929.2	8.42	7.99	7.11	-20.5	-28.9	-50.5	0.80		
3.5	97.36	1011.5	993.9	977.4	8.97	8.11	7.34	-19.4	-31.7	-50.1	0.77		
4.0	92.86	1058.4	1040.3	1024.2	9.08	8.31	7.49	-18.8	-35.4	-49.1	0.76		
4.5	89.74	1102.9	1085.2	1069.6	9.02	8.29	7.42	-18.5	-39.3	-47.1	0.72		
5.0	83.64	1144.7	1127.0	1112.1	8.97	8.21	7.39	-18.4	-42.0	-45.3	0.70		
5.5	78.50	1183.9	1166.3	1152.4	8.91	8.27	7.46	-18.6	-42.1	-43.3	0.65		
6.0	74.45	1220.2	1203.5	1190.7	8.80	8.22	7.43	-18.7	-41.8	-42.4	0.60		
6.5	69.02	1254.8	1238.0	1226.3	8.59	8.02	7.30	-19.2	-40.4	-42.6	0.53		
7.0	68.27	1288.4	1272.2	1260.9	8.50	7.91	7.13	-19.6	-40.3	-42.4	0.49		
7.5	64.29	1320.1	1304.3	1293.6	8.36	7.69	6.99	-19.7	-40.8	-42.3	0.44		
8.0	62.50	1351.3	1335.5	1325.1	8.17	7.55	6.86	-20.0	-40.7	-41.8	0.42		
8.5	60.46	1380.8	1365.8	1355.7	7.88	7.27	6.58	-20.2	-40.1	-42.5	0.38		
9.0	58.63	1409.5	1395.1	1385.1	7.70	7.05	6.34	-20.6	-39.4	-42.4	0.36		
9.5	56.78	1437.4	1423.5	1413.6	7.48	6.74	6.07	-20.8	-38.9	-42.9	0.34		
10.0	55.68	1464.8	1451.3	1441.5	7.35	6.67	5.95	-21.6	-38.8	-43.8	0.33		
10.5	54.98	1491.0	1478.8	1468.7	7.03	6.35	5.68	-22.0	-38.3	-44.7	0.31		
11.0	52.09	1517.0	1504.9	1494.7	6.71	6.10	5.46	-23.6	-37.9	-44.5	0.26		
11.5	52.47	1542.5	1531.1	1520.5	6.37	5.81	5.13	-24.3	-36.9	-44.2	0.24		
12.0	50.74	1567.1	1556.5	1545.6	6.01	5.51	4.81	-25.2	-36.3	-45.5	0.23		
12.5	49.00	1591.2	1581.0	1569.9	5.58	5.24	4.46	-26.0	-35.7	-45.4	0.19		
13.0	48.93	1615.4	1605.4	1593.8	5.21	4.88	4.04	-26.9	-35.2	-45.7	0.17		