

Voltage Controlled Oscillator

ROS-EDR5802

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	51.62	719.2	710.8	696.7	8.46	8.50	8.63	-23.4	-18.2	-39.4	-0.42	1	-76
2.0	50.15	768.5	761.0	749.0	8.03	8.14	8.04	-36.0	-20.3	-38.2	-0.08	10	-99
3.0	51.02	819.1	812.0	801.7	7.48	7.64	7.51	-34.1	-22.2	-40.2	0.27	100	-121
4.0	50.02	868.8	862.0	852.9	7.09	7.11	7.07	-26.6	-23.3	-43.0	0.48	1000	-141
5.0	49.68	918.8	911.7	903.5	6.78	6.78	6.66	-23.1	-24.1	-41.7	0.44		
6.0	51.42	970.4	963.1	955.2	6.54	6.55	6.43	-20.5	-24.8	-40.0	0.40		
7.0	53.98	1024.4	1017.1	1009.0	6.40	6.40	6.27	-18.2	-25.5	-37.3	0.54		
8.0	57.06	1081.4	1074.2	1066.0	6.32	6.42	6.14	-16.4	-27.0	-36.8	0.58		
9.0	59.29	1141.0	1133.5	1125.1	6.27	6.47	6.12	-14.9	-29.1	-36.0	0.53		
10.0	58.49	1199.7	1192.0	1183.5	6.35	6.49	6.28	-14.0	-29.7	-34.3	0.45		
11.0	54.44	1254.2	1246.4	1237.8	6.32	6.42	6.30	-13.4	-28.2	-33.5	0.41		
12.0	47.02	1300.7	1293.4	1285.2	6.18	6.25	6.18	-13.2	-26.6	-33.6	0.29		
13.0	40.44	1340.6	1333.9	1326.1	6.02	6.12	6.05	-13.6	-25.4	-33.3	0.15		
14.0	34.71	1374.7	1368.6	1361.4	5.73	5.95	5.82	-13.7	-25.1	-33.2	0.19		
15.0	30.34	1404.7	1398.9	1392.2	5.59	5.81	5.65	-14.1	-24.8	-33.3	0.09		
16.0	27.14	1431.4	1426.0	1419.5	5.47	5.72	5.57	-14.5	-24.5	-34.4	0.19		
17.0	24.55	1455.9	1450.6	1444.4	5.49	5.65	5.55	-14.8	-24.9	-35.9	0.18		
18.0	22.45	1478.2	1473.0	1467.0	5.42	5.57	5.58	-15.0	-24.5	-37.2	0.12		
19.0	20.79	1498.9	1493.8	1487.9	5.34	5.49	5.50	-15.3	-24.4	-38.3	0.19		
20.0	19.42	1518.2	1513.2	1507.2	5.30	5.45	5.45	-15.5	-24.6	-40.9	0.22		
21.0	18.23	1536.5	1531.5	1525.6	5.24	5.40	5.42	-15.7	-24.5	-43.5	0.17		
22.0	17.22	1553.7	1548.7	1542.8	5.15	5.36	5.37	-16.1	-24.4	-43.6	0.14		