

Voltage Controlled Oscillator

ROS-EDR3979/4

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			
0.3	12.50	1368.8	1359.1	1353.2	5.29	4.83	4.40	-19.5	-23.7	-37.2	0.13	1	-78
0.5	12.00	1371.8	1362.1	1356.0	5.26	4.91	4.49	-19.4	-23.1	-37.4	0.26	10	-104
0.8	11.30	1374.7	1364.9	1358.7	5.24	5.00	4.54	-19.3	-23.2	-38.0	0.26	100	-125
1.0	10.80	1377.6	1367.6	1361.3	5.22	5.05	4.62	-19.7	-23.2	-38.5	0.19	1000	-145
1.3	10.50	1380.4	1370.2	1363.9	5.20	5.10	4.70	-19.9	-22.9	-39.1	0.13		
1.5	10.80	1383.2	1372.9	1366.5	5.17	5.16	4.76	-20.0	-22.3	-39.0	0.19		
1.8	10.20	1385.9	1375.5	1369.0	5.14	5.21	4.83	-20.0	-21.7	-38.7	0.19		
2.0	10.80	1388.7	1378.2	1371.6	5.14	5.26	4.87	-20.1	-21.6	-37.9	0.26		
2.3	10.50	1391.5	1380.8	1374.1	5.14	5.28	4.93	-19.9	-22.6	-37.8	0.19		
2.5	10.80	1394.4	1383.5	1376.8	5.15	5.30	4.98	-19.8	-22.6	-38.1	0.19		
2.8	11.50	1397.3	1386.4	1379.5	5.16	5.32	5.02	-19.7	-21.8	-38.5	0.26		
3.0	11.80	1400.2	1389.3	1382.3	5.20	5.36	5.05	-20.0	-21.4	-38.0	0.19		
3.3	12.00	1403.3	1392.3	1385.2	5.27	5.37	5.06	-20.5	-21.7	-38.0	0.19		
3.5	12.80	1406.7	1395.5	1388.3	5.35	5.38	5.11	-20.7	-21.0	-38.4	0.26		
3.8	13.10	1410.1	1398.8	1391.5	5.39	5.41	5.13	-20.6	-20.2	-38.2	0.19		
4.0	13.60	1413.6	1402.2	1394.8	5.46	5.45	5.16	-20.1	-19.8	-37.4	0.19		
4.3	14.60	1417.2	1405.8	1398.3	5.54	5.47	5.18	-20.1	-20.0	-37.1	0.19		
4.5	15.10	1420.7	1409.6	1401.9	5.63	5.45	5.23	-21.0	-20.6	-37.1	0.13		
4.8	14.80	1424.5	1413.3	1405.5	5.72	5.48	5.26	-21.5	-20.0	-36.8	0.19		
5.0	14.60	1428.0	1417.0	1409.3	5.87	5.52	5.26	-21.9	-19.7	-36.5	0.13		