

Voltage Controlled Oscillator

ROS-ED9474/1

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	20.31	1302.3	1297.8	1293.2	7.90	8.80	8.74	-28.6	-31.3	-46.5	0.19	1	-88
0.8	18.16	1306.8	1302.3	1297.8	7.85	8.79	8.71	-28.4	-31.3	-45.2	0.26	10	-110
1.0	16.70	1311.0	1306.5	1302.0	7.83	8.78	8.69	-28.5	-32.0	-45.7	0.35	100	-130
1.3	15.74	1314.9	1310.4	1305.9	7.83	8.78	8.69	-28.7	-32.7	-44.5	0.36	1000	-150
1.5	14.81	1318.7	1314.1	1309.6	7.79	8.78	8.68	-28.7	-32.7	-46.4	0.40		
1.8	14.46	1322.4	1317.7	1313.2	7.77	8.77	8.68	-28.8	-32.8	-46.8	0.46		
2.0	14.13	1325.9	1321.3	1316.7	7.62	8.76	8.68	-29.0	-33.1	-45.7	0.46		
2.3	13.68	1329.4	1324.7	1320.0	7.71	8.75	8.67	-28.8	-33.4	-46.7	0.49		
2.5	13.43	1332.8	1328.1	1323.4	7.68	8.74	8.65	-28.9	-33.9	-46.5	0.51		
2.8	13.25	1336.2	1331.4	1326.6	7.63	8.70	8.64	-29.1	-34.5	-44.8	0.53		
3.0	13.10	1339.5	1334.6	1329.9	7.60	8.68	8.62	-29.0	-34.9	-46.0	0.56		
3.3	12.97	1342.8	1337.9	1333.1	7.55	8.65	8.60	-29.0	-35.6	-47.3	0.58		
3.5	12.92	1346.1	1341.1	1336.3	7.48	8.60	8.56	-28.9	-36.0	-46.6	0.58		
3.8	12.78	1349.3	1344.3	1339.4	7.43	8.56	8.53	-28.8	-36.0	-46.9	0.59		
4.0	12.87	1352.6	1347.5	1342.6	7.37	8.51	8.48	-28.9	-35.6	-46.2	0.63		
4.3	12.96	1355.9	1350.8	1345.8	7.31	8.44	8.43	-28.7	-36.2	-46.5	0.63		
4.5	12.94	1359.2	1354.0	1349.0	7.25	8.38	8.38	-28.7	-36.2	-45.3	0.65		
4.8	12.94	1362.5	1357.2	1352.2	7.18	8.31	8.33	-28.5	-36.8	-45.7	0.69		
5.0	13.03	1365.8	1360.5	1355.4	7.12	8.25	8.28	-28.6	-37.2	-46.0	0.68		