

Voltage Controlled Oscillator

ROS-EDR4782

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	80.50	1215.7	1194.9	1176.5	7.50	7.37	6.89	-19.7	-35.0	-45.7	-0.26	1	-72
1.0	63.90	1245.4	1226.8	1211.8	7.43	7.29	6.70	-21.1	-35.1	-46.7	-0.13	10	-95
1.5	58.80	1275.3	1256.2	1240.3	7.26	7.23	6.72	-21.5	-35.5	-47.7	-0.06	100	-117
2.0	53.20	1301.8	1282.8	1269.0	7.42	7.20	6.51	-22.5	-35.1	-48.3	0.06	1000	-138
2.5	50.20	1324.7	1307.9	1294.8	7.38	7.20	6.59	-23.2	-35.3	-49.4	0.00		
3.0	46.80	1349.1	1331.3	1317.1	7.33	7.20	6.67	-24.7	-35.6	-50.1	0.00		
3.5	46.70	1372.2	1354.7	1341.5	7.40	7.12	6.56	-25.6	-35.9	-50.3	0.06		
4.0	45.60	1393.4	1377.5	1364.3	7.35	7.06	6.55	-26.7	-35.8	-51.3	0.13		
4.5	46.80	1417.2	1400.9	1386.2	7.18	6.92	6.52	-27.9	-36.3	-51.8	0.19		
5.0	46.70	1440.8	1424.3	1410.2	7.17	6.87	6.16	-29.1	-36.4	-53.4	0.19		
5.5	47.00	1463.7	1447.7	1434.2	7.24	6.81	6.14	-30.1	-37.5	-54.6	0.19		
6.0	48.10	1487.5	1471.8	1457.4	7.18	6.79	6.05	-31.0	-37.6	-55.8	0.26		
6.5	47.70	1511.7	1495.7	1481.3	7.30	6.79	5.74	-32.4	-38.0	-56.7	0.26		
7.0	48.90	1535.4	1520.1	1506.3	7.38	6.83	5.64	-34.1	-38.7	-56.8	0.26		