

Voltage Controlled Oscillator

JTOS-ED8861/1

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	99.80	1472.2	1448.5	1431.1	11.59	11.55	11.07	-28.1	-33.1	-44.4	1.28	1	-74
1.0	67.62	1503.6	1482.3	1466.6	11.74	11.80	11.42	-29.4	-38.6	-46.9	0.68	10	-102
1.5	60.07	1531.5	1512.3	1497.4	11.89	12.02	11.59	-29.8	-38.0	-53.0	0.55	100	-122
2.0	56.71	1562.0	1540.7	1525.5	12.49	12.37	11.91	-29.7	-34.8	-51.7	0.41	1000	-142
2.5	51.92	1590.4	1566.6	1551.3	13.04	12.68	12.09	-30.7	-33.8	-49.3	0.22		
3.0	48.62	1614.9	1590.9	1575.5	13.30	12.90	12.29	-32.1	-34.4	-45.4	0.08		
3.5	46.70	1638.1	1614.3	1598.9	13.46	13.00	12.37	-33.6	-34.4	-45.1	0.03		
4.0	46.04	1660.3	1637.3	1622.1	13.54	13.14	12.44	-34.6	-35.9	-45.6	0.06		
4.5	45.24	1682.2	1659.9	1644.9	13.56	13.23	12.54	-35.8	-36.0	-45.2	0.12		
5.0	44.85	1704.3	1682.4	1667.5	13.59	13.27	12.58	-37.3	-36.3	-45.9	0.16		
5.5	45.63	1726.9	1705.2	1690.3	13.57	13.31	12.58	-39.1	-37.0	-49.0	0.23		
6.0	46.46	1749.7	1728.4	1713.5	13.64	13.31	12.59	-40.3	-39.2	-52.3	0.29		