

Voltage Controlled Oscillator

JTOS-ED5346/3

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	69.20	1284.7	1266.0	1250.2	12.32	12.11	11.47	-11.9	-21.8	-36.8	1.47	1	-68
2.0	52.10	1337.8	1318.1	1301.4	12.92	12.66	11.81	-10.5	-21.0	-34.4		10	-96
3.0	46.00	1384.2	1364.1	1346.9	13.41	13.01	12.41	-10.5	-21.9	-32.0		100	-130
4.0	40.60	1424.9	1404.8	1388.4	13.44	13.22	12.68	-12.1	-21.9	-27.6		1000	-150
5.0	41.60	1464.5	1446.3	1429.9	13.41	13.20	12.69	-14.4	-23.1	-25.6			
6.0	41.20	1504.3	1487.5	1471.9	13.19	13.10	12.82	-21.7	-24.3	-24.8			
7.0	43.20	1547.5	1530.7	1514.7	13.24	13.24	12.77	-31.5	-25.8	-24.1			
8.0	45.20	1592.2	1575.9	1559.7	13.35	13.10	12.64	-21.9	-25.6	-23.3			
9.0	45.80	1640.5	1622.0	1604.4	13.09	13.10	12.78	-18.8	-26.7	-25.3			
10.0	47.80	1687.6	1669.8	1652.7	13.32	13.05	12.42	-16.4	-27.7	-26.2	1.80		
11.0	46.00	1733.9	1715.8	1699.6	13.17	12.94	12.39	-15.8	-28.0	-29.0			
12.0	47.40	1780.3	1763.3	1746.6	13.15	12.69	12.04	-15.1	-28.3	-26.8			
13.0	44.20	1823.4	1807.5	1791.7	12.87	12.57	12.03	-15.1	-27.1	-29.2			
14.0	42.50	1867.3	1850.0	1833.5	12.73	12.41	11.89	-14.8	-25.5	-33.3			
15.0	40.70	1905.2	1890.7	1875.6	12.71	12.17	11.52	-14.5	-23.2	-33.5			
16.0	34.60	1939.7	1925.3	1910.2	12.73	12.21	11.48	-15.0	-21.6	-34.3			
17.0	32.90	1974.8	1958.2	1941.2	12.34	11.88	11.47	-14.6	-20.6	-36.4			
18.0	31.50	2004.6	1989.6	1971.9	12.45	11.80	11.10	-13.6	-20.5	-37.6	0.63		
19.0	25.80	2030.3	2015.5	1999.1	12.25	11.75	11.13	-14.3	-19.3	-37.0			
20.0	23.00	2055.2	2038.5	2021.5	12.04	11.61	11.05	-14.4	-19.0	-36.7			
21.0	22.10	2078.3	2060.6	2041.9	11.91	11.46	10.87	-13.9	-18.8	-35.4			
22.0	20.60	2099.1	2081.2	2061.5	11.76	11.38	10.76	-13.8	-18.8	-34.0			
23.0	18.20	2117.5	2099.4	2079.7	11.66	11.26	10.67	-13.5	-19.2	-33.0			
24.0	16.60	2133.5	2115.9	2096.1	11.58	11.18	10.56	-13.5	-19.4	-32.7			
25.0	14.10	2147.2	2130.1	2110.4	11.50	11.12	10.45	-13.4	-19.3	-32.9			