

Voltage Controlled Oscillator

JTOS-ED5496/1

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			
1.0	24.80	1033.2	1024.2	1016.4	11.40	11.91	12.08	-15.9	-30.7	-37.3	1.63	1	-69
2.0	36.80	1073.7	1061.0	1046.3	12.07	11.60	11.25	-13.3	-26.0	-36.4		10	-94
3.0	29.60	1096.9	1090.6	1081.6	12.91	12.89	12.38	-12.5	-25.7	-34.2		100	-117
4.0	20.00	1119.3	1110.6	1102.3	12.35	12.75	12.81	-12.5	-24.0	-33.4		1000	-134
5.0	33.10	1158.6	1143.7	1128.8	12.67	12.29	12.13	-10.9	-23.1	-33.8	2.02		
6.0	33.20	1184.1	1176.9	1166.5	13.42	13.46	12.81	-10.3	-23.3	-31.7			
7.0	24.50	1213.4	1201.4	1189.7	12.89	13.13	13.10	-10.9	-21.4	-32.3			
8.0	39.80	1255.3	1241.2	1224.1	13.56	13.07	12.58	-9.7	-22.1	-31.4			
9.0	32.20	1286.4	1273.4	1262.4	13.52	13.71	13.29	-9.8	-21.1	-30.3	1.44		
10.0	39.70	1328.8	1313.1	1297.9	13.63	13.47	12.98	-9.6	-21.4	-29.0			
11.0	37.70	1365.2	1350.8	1338.6	13.34	13.53	13.15	-11.1	-20.0	-26.0			
12.0	43.40	1408.7	1394.3	1379.0	13.37	13.04	12.67	-12.0	-20.0	-23.9			
13.0	35.10	1443.0	1429.4	1418.1	13.23	13.34	12.94	-16.1	-18.5	-23.0	1.09		
14.0	42.80	1486.0	1472.1	1455.5	12.83	12.58	12.41	-19.9	-19.1	-22.3			
15.0	32.40	1516.0	1504.6	1493.6	13.22	13.07	12.48	-31.4	-18.7	-21.0			
16.0	32.00	1553.3	1536.6	1522.2	12.69	12.74	12.59	-28.2	-20.3	-21.1			
17.0	35.20	1582.8	1571.8	1558.1	13.25	12.79	12.18	-20.8	-22.3	-20.7			
18.0	22.70	1606.8	1594.4	1583.9	13.23	13.08	12.50	-19.5	-21.8	-22.2			
19.0	26.40	1636.7	1620.8	1606.9	12.73	12.62	12.39	-18.8	-23.0	-23.5			
20.0	28.90	1661.4	1649.7	1634.8	12.87	12.37	11.87	-17.3	-24.2	-25.4			
21.0	19.70	1679.6	1669.4	1658.4	13.12	12.66	11.91	-17.3	-25.0	-27.9			
22.0	17.40	1700.3	1686.8	1675.7	12.88	12.71	12.16	-16.7	-25.2	-30.5			
23.0	20.20	1721.5	1707.1	1693.1	12.75	12.47	12.03	-15.8	-26.2	-30.1			
24.0	19.50	1738.7	1726.5	1712.8	12.81	12.36	11.80	-15.0	-27.1	-28.8			
25.0	15.10	1751.5	1741.6	1729.6	12.95	12.41	11.72	-15.4	-26.0	-28.2			