

Voltage Controlled Oscillator

JTOS-ED7276A/5

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	44.80	1293.5	1283.0	1272.6	7.49	7.13	5.70	-20.7	-37.4	-45.7	0.52	1000	-142
2.0	34.60	1327.6	1317.6	1307.6	7.30	7.01	5.68	-19.7	-36.7	-45.4	0.53	100	-122
3.0	30.70	1358.2	1348.3	1338.6	7.49	6.98	5.86	-19.0	-37.0	-45.7	0.54	10	-102
4.0	29.20	1387.3	1377.5	1367.9	7.45	7.08	6.12	-18.6	-36.4	-44.6	0.56	1	-73
5.0	28.90	1416.3	1406.4	1396.7	7.29	6.99	6.11	-17.9	-37.1	-44.3	0.57		
6.0	29.20	1445.7	1435.6	1425.8	7.48	7.07	6.15	-16.3	-37.5	-43.1	0.58		
7.0	30.10	1476.0	1465.7	1455.7	7.54	7.13	6.43	-16.3	-39.4	-43.8	0.61		
8.0	31.40	1507.8	1497.2	1486.8	7.40	7.06	6.38	-15.4	-40.9	-43.9	0.63		
9.0	33.00	1541.1	1530.2	1519.7	7.42	7.20	6.41	-15.2	-43.2	-43.1	0.63		
10.0	34.20	1575.3	1564.4	1553.8	7.30	7.15	6.50	-15.0	-45.5	-42.4	0.58		
11.0	34.90	1610.2	1599.3	1588.7	7.37	7.23	6.37	-14.7	-46.0	-40.0	0.44		
12.0	34.50	1644.4	1633.8	1623.4	7.20	7.11	6.57	-15.1	-44.4	-37.4	0.24		
13.0	33.20	1677.4	1667.0	1656.8	7.07	6.93	6.30	-15.2	-42.8	-37.5	0.02		
14.0	31.40	1708.6	1698.4	1688.2	7.00	6.86	6.34	-15.3	-41.7	-37.0	0.13		
15.0	29.20	1737.8	1727.5	1717.4	6.80	6.57	6.33	-14.9	-41.8	-36.6	0.22		
16.0	26.80	1764.5	1754.3	1744.2	6.58	6.49	6.23	-15.5	-42.5	-39.0	0.23		
17.0	24.40	1789.0	1778.8	1768.4	6.44	6.40	6.15	-16.2	-41.2	-38.2	0.20		
18.0	22.20	1811.4	1801.0	1790.3	6.21	6.31	5.99	-18.3	-39.5	-38.0	0.12		
19.0	20.50	1832.3	1821.5	1810.7	6.15	6.14	5.84	-18.3	-38.2	-37.3	0.04		
20.0	18.90	1851.2	1840.3	1829.3	6.09	6.10	5.78	-18.0	-36.5	-37.0	0.03		