

Voltage Controlled Oscillator

JTOS-ED7656/2

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	40.30	1553.6	1540.1	1531.0	11.54	10.90	9.59	-14.6	-37.1	-47.3	0.27	1	-78
2.0	29.50	1582.3	1569.6	1560.9	11.47	10.96	9.73	-14.2	-36.7	-49.7	0.33	10	-104
3.0	26.20	1608.4	1595.7	1587.1	11.40	10.87	9.80	-14.0	-37.3	-50.1	0.36	100	-126
4.0	25.20	1633.7	1620.9	1612.1	11.17	10.71	9.68	-14.7	-38.7	-46.8	0.40	1000	-143
5.0	24.90	1658.5	1645.8	1636.8	11.23	10.67	9.63	-15.1	-39.6	-43.9	0.46		
6.0	24.60	1683.2	1670.4	1661.2	11.12	10.67	9.73	-15.1	-41.5	-41.2	0.51		
7.0	25.40	1708.9	1695.9	1686.3	10.95	10.54	9.70	-16.0	-43.0	-39.4	0.54		
8.0	26.80	1735.7	1722.7	1712.9	10.99	10.51	9.68	-17.1	-40.4	-39.3	0.57		
9.0	27.80	1763.2	1750.4	1740.6	10.87	10.50	9.77	-17.2	-37.9	-39.5	0.57		
10.0	28.70	1791.8	1779.2	1769.3	10.73	10.41	9.72	-18.3	-35.8	-39.8	0.48		
11.0	29.70	1821.3	1808.9	1799.1	10.50	10.27	9.65	-18.8	-32.5	-40.2	0.27		
12.0	29.60	1850.2	1838.5	1828.9	10.54	10.21	9.62	-19.7	-29.9	-38.3	0.01		
13.0	28.40	1878.5	1866.9	1857.6	10.39	10.20	9.64	-19.9	-27.4	-38.4	0.33		
14.0	27.60	1906.1	1894.5	1885.1	10.29	10.05	9.62	-20.3	-25.3	-37.9	0.60		
15.0	26.10	1932.2	1920.6	1911.2	10.20	10.03	9.53	-20.4	-24.7	-37.1	0.80		
16.0	24.10	1956.4	1944.7	1935.2	10.12	10.03	9.50	-20.2	-26.5	-37.7	0.91		
17.0	22.40	1979.6	1967.1	1957.1	10.01	9.93	9.47	-21.2	-28.7	-37.8	0.93		
18.0	20.90	2000.9	1988.0	1977.6	9.98	9.85	9.39	-21.3	-30.6	-37.8	0.89		
19.0	19.30	2020.4	2007.3	1996.6	10.02	9.66	9.31	-22.5	-32.0	-38.4	0.80		