

Voltage Controlled Oscillator

JTOS-ED7500B/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	41.70	1528.6	1514.1	1504.0	8.34	7.63	6.82	-16.8	-47.5	-49.2	0.48	1	-75
2.0	31.60	1559.5	1545.6	1535.8	8.35	7.86	7.24	-16.3	-48.0	-49.2	0.55	10	-103
3.0	27.80	1587.1	1573.4	1563.5	8.45	7.83	7.19	-15.5	-49.8	-49.2	0.59	100	-124
4.0	26.60	1613.5	1600.0	1589.9	8.67	8.04	7.35	-16.0	-49.7	-48.5	0.62	1000	-143
5.0	26.10	1639.2	1626.1	1616.0	8.49	8.15	7.59	-15.2	-49.5	-46.5	0.63		
6.0	26.20	1664.9	1652.3	1642.1	8.53	7.95	7.44	-15.7	-49.7	-46.2	0.63		
7.0	27.00	1691.7	1679.3	1669.0	8.68	8.32	7.58	-15.5	-50.2	-45.8	0.62		
8.0	28.30	1719.8	1707.6	1697.3	8.34	8.09	7.72	-16.3	-48.0	-45.0	0.61		
9.0	29.80	1749.2	1737.3	1727.0	8.34	7.93	7.42	-16.3	-48.2	-45.2	0.56		
10.0	31.00	1780.1	1768.3	1757.9	8.25	8.06	7.56	-17.2	-47.7	-44.0	0.46		
11.0	32.20	1812.3	1800.5	1789.8	7.93	7.65	7.26	-18.2	-45.7	-43.7	0.29		
12.0	32.30	1844.3	1832.8	1822.2	7.79	7.69	7.23	-18.5	-44.7	-43.7	0.08		
13.0	31.40	1875.9	1864.2	1853.2	7.53	7.46	7.05	-19.3	-43.8	-43.0	0.12		
14.0	30.20	1906.3	1894.4	1882.8	7.55	7.36	6.79	-20.3	-43.3	-43.7	0.27		
15.0	28.10	1934.5	1922.5	1910.8	7.26	7.33	6.85	-21.8	-42.8	-43.7	0.35		