

Voltage Controlled Oscillator

JTOS-ED6281/3

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			
0.5	67.00	1683.4	1667.9	1643.0	6.25	5.86	5.20	-24.9	-27.1	-38.1	3.54	1	-63
1.0	62.50	1714.4	1699.1	1675.1	6.50	6.10	5.18	-24.0	-28.3	-39.0		10	-91
1.5	63.00	1746.0	1730.6	1706.7	6.45	6.18	5.42	-22.0	-32.4	-37.9		100	-113
2.0	66.70	1779.3	1764.0	1739.7	6.80	6.28	5.34	-19.9	-34.2	-36.9	3.19	1000	-133
2.5	71.30	1813.8	1799.6	1775.7	7.02	6.69	5.55	-18.1	-33.2	-35.1			
3.0	76.00	1850.1	1837.6	1814.7	7.45	7.04	5.78	-17.6	-33.6	-37.0			
3.5	85.30	1891.8	1880.3	1858.9	7.43	7.27	6.38	-20.9	-34.2	-43.2	3.02		
4.0	96.70	1939.6	1928.6	1909.8	7.55	7.37	6.63	-24.3	-35.4	-43.4			
4.5	110.40	1994.2	1983.8	1966.8	7.60	7.44	6.91	-24.5	-37.6	-42.6			
5.0	124.50	2055.5	2046.0	2030.8	7.59	7.52	6.97	-27.2	-39.9	-42.1	1.24		
5.5	131.30	2120.3	2111.7	2098.4	7.69	7.58	7.00	-30.8	-35.7	-43.8			
6.0	130.10	2184.4	2176.7	2165.3	7.68	7.57	7.02	-33.5	-36.3	-43.6			
6.5	124.30	2245.9	2238.9	2229.2	7.41	7.21	6.63	-28.4	-40.4	-44.1	1.63		
7.0	120.30	2305.2	2299.0	2289.8	6.79	6.59	6.04	-24.1	-47.6	-51.6			
7.5	111.70	2361.3	2354.9	2345.0	6.23	6.10	5.61	-23.6	-43.2	-51.2			
8.0	98.40	2410.7	2404.1	2393.6	5.92	5.74	5.18	-23.9	-40.7	-50.1	1.71		
8.5	88.20	2454.8	2448.2	2437.6	5.23	5.21	4.94	-24.4	-41.6	-47.2			
9.0	80.50	2495.1	2488.4	2477.5	4.83	4.70	4.23	-24.0	-44.2	-45.5			
9.5	72.50	2531.4	2524.7	2513.7	4.09	4.04	3.75	-23.2	-48.5	-44.3			
10.0	67.50	2565.2	2558.4	2547.2	3.76	3.60	3.09	-22.9	-49.4	-42.6			