

Voltage Controlled Oscillator

JTOS-ED6120/3

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	118.50	1912.8	1885.5	1868.2	5.32	5.61	5.47	-26.7			4.02	1	-64
1.0	105.70	1965.3	1938.4	1920.8	5.44	5.55	5.44	-23.5				10	-92
1.5	100.20	2015.0	1988.5	1972.2	5.23	5.80	5.66	-23.0				100	-113
2.0	102.60	2065.6	2039.8	2022.8	5.20	5.53	5.30	-22.7			4.70	1000	-133
2.5	98.80	2114.8	2089.2	2073.0	4.81	5.38	5.31	-21.2			1.14		
3.0	93.70	2161.9	2136.1	2119.0	4.61	5.10	4.90	-20.0					
3.5	86.40	2203.3	2179.3	2163.2	4.05	4.57	4.63	-19.0					
4.0	75.70	2242.0	2217.1	2201.4	3.34	4.17	4.07	-19.1			1.74		
4.5	70.80	2275.3	2252.5	2235.9	3.16	3.53	3.39	-20.0			1.72		
5.0	58.50	2302.7	2281.8	2266.8	2.99	3.30	2.99	-22.4					
5.5	48.90	2328.8	2306.2	2291.2	2.46	2.99	2.96	-20.2					
6.0	45.80	2351.1	2329.1	2313.1	2.01	2.56	2.47	-20.5					
6.5	40.60	2371.2	2349.4	2333.1	1.68	2.09	2.01	-21.0					
7.0	35.20	2387.4	2367.0	2350.7	1.50	1.80	1.53	-21.7					
7.5	29.60	2401.8	2381.8	2366.2	1.18	1.55	1.11	-22.4					
8.0	25.10	2414.2	2394.3	2379.2	0.72	1.42	0.80	-22.8					