

Voltage Controlled Oscillator

JTOS-ED6531/1

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	20.80	2202.4	2190.1	2168.1	6.55	6.48	6.39	-29.1	-31.2	-51.9	0.63	1	-61
2.0	20.20	2222.5	2210.3	2188.0	6.44	6.56	6.45	-28.7	-31.9	-50.6	0.65	10	-91
3.0	22.00	2244.4	2232.3	2209.7	6.57	6.39	6.57	-28.6	-31.9	-49.7	0.68	100	-116
4.0	24.20	2269.1	2256.5	2233.6	7.02	6.81	6.42	-28.5	-32.5	-48.6	0.70	1000	-136
5.0	25.70	2295.0	2282.2	2258.8	7.04	6.77	6.88	-28.3	-32.3	-49.8	0.68		
6.0	25.50	2320.6	2307.8	2284.2	6.89	7.17	6.82	-28.2	-33.2	-52.1	0.70		
7.0	25.00	2345.7	2332.8	2309.1	6.39	6.90	7.30	-28.5	-33.3	-51.7	0.73		
8.0	24.20	2369.8	2356.9	2333.1	6.31	6.55	7.03	-29.0	-33.2	-43.7	0.75		
9.0	23.40	2393.3	2380.3	2356.3	6.20	6.45	6.70	-29.1	-34.4	-51.1	0.80		
10.0	22.90	2416.1	2403.2	2378.7	6.32	6.45	6.63	-29.5	-35.0	-49.3			
11.0	22.10	2438.1	2425.4	2400.6	6.49	6.73	6.60	-29.7	-33.7	-42.4			
12.0	21.40	2459.9	2446.8	2422.0	6.45	6.53	6.69	-30.5	-36.0	-49.0			
13.0	21.10	2481.1	2467.8	2442.7	6.64	6.76	6.94	-30.9	-37.2	-48.9			
14.0	20.20	2501.3	2488.0	2462.5	6.32	6.79	6.96	-31.6	-37.8	-49.3			
15.0	19.50	2521.0	2507.4	2481.6	5.58	6.50	7.14	-32.2	-39.2	-49.3			