

Voltage Controlled Oscillator

JTOS-ED5197/3

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			
1.0	11.50	890.9	888.1	882.9	10.05	9.80	9.45	-29.6	-33.7	-27.1	0.12	1	-85
2.0	9.70	900.6	897.8	892.1	9.29	9.15	8.94	-29.5	-34.6	-28.6	0.05	10	-106
3.0	9.20	909.8	907.0	901.2	8.48	8.32	8.36	-29.0	-36.0	-28.4	0.02	100	-126
4.0	9.20	919.1	916.3	910.5	7.92	7.69	7.51	-28.0	-36.7	-27.2	0.06	1000	-146
5.0	9.50	928.6	925.8	920.2	7.14	6.89	6.85	-26.7	-36.3	-25.3	0.10		
6.0	10.10	938.7	935.9	930.4	6.28	6.00	6.00	-25.2	-35.4	-23.2	0.16		
7.0	10.90	949.7	946.7	941.2	5.34	5.05	5.06	-23.3	-32.7	-21.5	0.20		
8.0	11.60	961.4	958.3	952.6	4.33	4.03	4.06	-21.4	-28.7	-20.2	0.24		
9.0	12.00	973.5	970.3	964.6	3.41	3.06	3.00	-19.3	-24.4	-20.3	0.32		
10.0	12.10	985.7	982.4	976.7	2.72	2.34	2.22	-17.5	-20.7	-20.3	0.34		
11.0	11.80	997.5	994.2	989.0	2.16	1.35	1.07	-16.3	-17.8	-21.0	0.22		
12.0	11.70	854.3	1005.9	1001.4	1.66	0.64	0.06	-15.2	-15.4	-21.4	0.01		