

Voltage Controlled Oscillator

JTOS-ED5955A/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			
0.5	28.10	236.2	231.9	228.8	8.69	8.34	7.64	-14.4	-34.9	-35.3	0.53	1	-82
1.0	23.70	247.7	243.7	240.7	8.58	8.69	7.91	-17.1	-33.6	-37.4	0.45	10	-102
1.5	19.80	257.7	253.6	250.6	9.19	8.60	7.70	-19.4	-33.1	-38.9	0.26	100	-122
2.0	17.30	266.4	262.3	259.3	9.09	9.17	8.24	-22.0	-33.1	-38.6	0.11	1000	-140
2.5	16.00	274.3	270.3	267.4	9.10	8.98	8.15	-24.8	-33.6	-39.1	0.11		
3.0	16.20	282.1	278.4	275.5	8.41	8.46	7.84	-28.4	-35.2	-41.1	0.22		
3.5	16.20	290.4	286.5	283.4	8.80	9.07	8.07	-32.1	-37.6	-44.0	0.23		
4.0	15.80	298.5	294.4	291.3	8.91	9.20	8.90	-35.9	-39.9	-47.2	0.15		
4.5	15.60	306.4	302.2	299.0	9.21	9.54	9.33	-40.5	-39.8	-51.7	0.05		
5.0	15.40	314.2	309.9	306.7	9.44	9.95	9.74	-47.6	-38.3	-53.6	0.06		
5.5	15.30	321.8	317.5	314.6	9.66	10.19	9.94	-47.1	-36.9	-53.6	0.06		
6.0	16.80	329.7	325.9	323.1	9.88	10.46	10.11	-41.8	-37.5	-55.6	0.20		
6.5	18.30	339.1	335.1	332.0	9.90	10.51	10.38	-38.3	-38.8	-55.6	0.24		
7.0	18.50	348.6	344.3	341.1	9.56	10.44	10.43	-36.2	-39.2	-55.8	0.18		
7.5	18.60	358.0	353.6	350.2	9.82	10.08	10.04	-34.4	-38.9	-55.6	0.10		
8.0	18.40	367.4	362.8	359.3	9.61	10.26	10.14	-33.1	-38.1	-50.9	0.02		
8.5	18.10	376.6	371.8	368.2	9.19	9.88	9.71	-31.7	-38.2	-51.9	0.06		
9.0	17.60	385.6	380.6	376.9	8.45	9.23	9.07	-30.8	-37.8	-50.0	0.14		
9.5	17.10	394.0	389.2	385.7	7.60	8.26	8.14	-30.3	-37.6	-48.3	0.13		
10.0	18.30	402.5	398.3	395.4	6.29	7.07	7.00	-29.8	-37.1	-48.6	0.48		
10.5	21.60	413.4	409.1	406.0	4.55	5.48	5.51	-29.6	-38.6	-51.7			
11.0	21.10	424.0	419.6	416.3	2.79	3.77	3.88	-28.9	-39.4	-52.1			