

Voltage Controlled Oscillator

JTOS-ED5563/1

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			
0.5	37.40	331.0	322.7	317.6	9.43	10.28	10.13	-19.4	-47.9	-56.1	1.55	1	-79
1.0	30.90	343.9	338.1	334.1	9.90	10.56	10.02	-22.6	-50.6	-55.1	1.46	10	-100
1.5	25.70	355.7	350.9	347.3	10.19	10.68	10.42	-25.8	-55.3	-55.0		100	-120
2.0	23.30	366.9	362.6	359.3	10.11	10.89	10.65	-27.5	-53.8	-52.3	1.56	1000	-140
2.5	22.10	378.3	373.6	369.9	10.46	10.87	10.60	-28.9	-52.6	-53.3			
3.0	18.20	387.6	382.7	378.8	10.51	11.12	10.82	-30.3	-52.7	-52.2	0.73		
3.5	15.80	395.7	390.6	386.6	10.46	10.98	10.64	-31.5	-53.3	-51.6			
4.0	14.40	402.9	397.8	393.9	10.28	10.86	10.51	-32.9	-53.1	-53.2	0.48		
4.5	13.60	409.6	404.6	400.8	9.90	10.72	10.31	-34.1	-51.8	-50.9			
5.0	13.10	415.8	411.2	407.4	9.62	10.30	9.91	-35.7	-52.2	-51.9	0.12		
5.5	12.90	421.9	417.6	413.8	9.40	9.94	9.71	-36.8	-52.0	-53.3			
6.0	12.70	428.0	424.0	420.1	9.04	9.66	9.39	-38.2	-52.7	-53.0	0.02		
6.5	12.80	434.5	430.4	426.4	8.69	9.26	9.06	-39.4	-52.1	-52.6			
7.0	13.40	441.4	437.1	433.0	8.22	8.87	8.81	-40.6	-52.7	-52.4	0.30		
7.5	14.00	448.6	444.1	439.8	7.77	8.52	8.49	-41.4	-52.5	-49.9			
8.0	14.10	455.8	451.1	446.7	7.36	8.12	8.17	-42.2	-50.8	-48.2	0.31		
8.5	14.00	462.9	458.1	453.7	6.88	7.77	7.84	-42.6	-51.6	-47.3			
9.0	13.70	469.9	465.0	460.4	6.49	7.33	7.51	-42.3	-51.8	-45.3	0.07		
9.5	13.40	476.7	471.7	467.0	6.07	6.98	7.16	-42.4	-50.7	-44.9			
10.0	13.00	483.3	478.1	473.4	5.57	6.56	6.70	-43.1	-50.2	-44.2	0.06		