

Voltage Controlled Oscillator

JTOS-ED4905/12

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			
0.3	20.70	188.3	183.1	179.1	6.54	7.18	7.17	-22.2	-45.9	-50.2	1.21	1	-81
0.5	18.30	192.1	187.7	184.4	6.52	7.55	7.11	-24.3	-45.8	-51.0		10	-102
0.8	17.50	196.0	192.1	189.0	6.45	7.54	7.50	-26.5	-47.6	-48.6		100	-125
1.0	17.70	200.3	196.5	193.4	6.51	7.55	7.51	-28.3	-48.3	-47.7	2.26	1000	-147
1.3	15.80	204.3	200.5	197.4	6.62	7.61	7.48	-29.9	-49.7	-47.1			
1.5	13.80	207.8	203.9	200.8	6.65	7.65	7.46	-31.6	-49.3	-46.3			
1.8	12.60	211.0	207.1	204.0	6.76	7.57	7.41	-33.4	-49.3	-47.4			
2.0	11.80	214.0	210.0	207.0	6.86	7.56	7.28	-34.8	-48.3	-48.4	0.66		
2.3	11.20	216.8	212.8	209.9	6.72	7.52	7.18	-36.1	-48.6	-49.2			
2.5	11.00	219.6	215.5	212.7	6.73	7.23	7.12	-38.0	-48.3	-52.0			
2.8	10.80	222.2	218.3	215.5	6.70	7.16	6.85	-39.9	-47.4	-53.4			
3.0	10.70	224.8	220.9	218.2	6.66	7.11	6.81	-41.9	-48.0	-53.2	0.73		
3.3	10.50	227.4	223.6	220.8	6.49	7.07	6.75	-44.2	-47.3	-52.7			
3.5	10.30	229.9	226.1	223.4	6.47	6.89	6.70	-46.6	-47.8	-52.1			
3.8	10.10	232.4	228.6	225.9	6.44	6.87	6.53	-48.4	-47.9	-51.6			
4.0	9.90	234.8	231.1	228.3	6.41	6.81	6.46	-51.9	-47.7	-52.0	0.50		
4.3	9.70	237.2	233.5	230.7	6.37	6.76	6.37	-55.0	-48.6	-51.6			
4.5	9.50	239.5	235.9	233.0	6.27	6.69	6.29	-57.1	-50.1	-51.4			
4.8	9.30	241.8	238.2	235.3	6.14	6.57	6.17	-57.1	-49.6	-52.4			
5.0	9.20	244.0	240.5	237.6	5.94	6.43	6.00	-54.8	-50.3	-52.6	0.25		
5.3	9.20	246.2	242.8	239.8	5.76	6.24	5.82	-53.1	-49.9	-52.3			
5.5	9.10	248.4	245.1	242.1	5.48	6.10	5.61	-50.7	-49.7	-52.7			
5.8	9.20	250.7	247.4	244.3	5.20	5.88	5.38	-51.3	-50.2	-56.0			
6.0	9.20	253.0	249.7	246.6	4.94	5.65	5.21	-50.1	-49.8	-55.4	0.19		