

Voltage Controlled Oscillator

JTOS-ED6124/2

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	49.30	503.9	490.3	481.7	9.71	10.86	10.54	-37.9	-44.9	-44.3	2.11	1	-70
1.0	47.80	527.3	514.2	505.0	10.33	11.39	11.08	-45.9	-47.2	-42.9	1.84	10	-91
1.5	41.30	546.8	534.9	525.0	9.94	11.45	11.01	-51.8	-45.8	-43.6	0.21	100	-112
2.0	37.70	564.2	553.7	543.1	9.66	10.61	10.52	-46.7	-44.0	-45.4		1000	-135
2.5	36.70	579.5	572.1	560.6	8.66	10.23	9.96	-44.8	-44.1	-50.5			
3.0	37.50	598.1	590.8	579.7	8.07	9.71	9.44	-45.2	-44.5	-40.7	1.08		
3.5	51.30	625.2	616.5	604.6	7.25	8.98	9.16	-46.0	-45.3	-36.3	0.75		
4.0	52.10	652.6	642.5	630.6	6.30	8.16	8.32	-46.8	-44.7	-36.0			
4.5	56.80	681.2	671.0	658.9	4.77	6.98	7.56	-47.7	-43.2	-36.2	1.35		
5.0	58.10	710.3	700.0	687.7	2.27	5.12	5.88	-54.2	-42.0	-35.7			
5.5	55.20	737.9	727.6	715.3	-0.35	2.61	3.02	-46.8	-42.1	-35.4			
6.0	51.10	763.3	753.1	739.9	-2.49	0.13	0.24	-40.8	-48.2	-35.8	3.03		