

Voltage Controlled Oscillator

JTOS-EDR4367

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	2.30	33.3	32.9	32.8	7.78	7.23	6.79	-42.4	-36.3	-44.0	-0.13	1	-95
1.0	2.20	34.2	34.0	33.9	8.81	8.55	8.27	-44.3	-37.3	-45.0	-0.19	10	-115
1.5	2.20	35.2	35.1	35.0	9.58	9.45	9.29	-35.1	-38.2	-46.3	-0.06	100	-136
2.0	1.80	36.2	36.0	35.9	9.84	9.71	9.58	-30.9	-38.0	-46.4	-0.13	1000	-153
2.5	1.90	37.1	36.9	36.8	9.99	9.85	9.74	-28.5	-37.8	-46.2	-0.13		
3.0	1.90	38.1	37.9	37.8	10.13	9.99	9.88	-27.0	-37.5	-46.1	-0.06		
3.5	1.80	39.0	38.8	38.7	10.23	10.09	9.98	-26.0	-37.1	-46.1	-0.13		
4.0	2.00	40.0	39.8	39.7	10.30	10.17	10.06	-25.1	-36.8	-46.2	-0.06		
4.5	1.90	41.0	40.8	40.6	10.35	10.23	10.11	-24.5	-36.4	-46.0	-0.06		
5.0	1.90	42.1	41.7	41.6	10.37	10.27	10.15	-23.8	-35.9	-46.1	-0.06		
5.5	2.20	43.1	42.8	42.6	10.39	10.30	10.17	-23.3	-35.5	-45.9	0.00		
6.0	2.00	44.2	43.8	43.7	10.39	10.31	10.18	-22.9	-35.0	-45.7	0.00		
6.5	2.20	45.2	44.9	44.7	10.38	10.32	10.17	-22.4	-34.5	-45.6	0.00		
7.0	2.20	46.3	46.0	45.9	10.36	10.31	10.15	-21.9	-34.0	-45.3	0.00		