

Voltage Controlled Oscillator

JTOS-EDR4368

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	5.40	41.7	40.8	40.1	8.34	7.99	7.74	-30.4	-30.8	-48.1	-0.13	1	-95
1.0	4.90	43.8	43.3	42.7	9.27	9.22	9.10	-31.7	-32.1	-50.3	-0.06	10	-114
1.5	4.10	45.7	45.3	44.8	9.66	9.68	9.67	-29.8	-33.5	-49.5	-0.13	100	-135
2.0	4.20	47.8	47.4	47.0	9.79	9.79	9.76	-28.6	-33.5	-48.1	-0.19	1000	-154
2.5	4.00	49.8	49.4	49.0	9.88	9.87	9.81	-28.0	-34.4	-46.6	-0.19		
3.0	3.70	51.6	51.3	50.8	9.93	9.91	9.83	-27.8	-35.2	-46.1	-0.06		
3.5	3.30	53.3	52.9	52.5	9.94	9.92	9.83	-27.5	-34.2	-44.9	-0.06		
4.0	3.30	55.0	54.6	54.2	9.93	9.92	9.82	-27.5	-33.6	-43.8	-0.06		
4.5	3.30	56.6	56.3	55.8	9.91	9.91	9.79	-27.6	-32.9	-43.2	-0.06		
5.0	3.30	58.3	57.9	57.5	9.88	9.89	9.76	-27.6	-33.1	-42.4	-0.06		
5.5	3.50	60.0	59.7	59.1	9.84	9.86	9.71	-27.6	-32.9	-41.5	-0.06		
6.0	3.30	61.8	61.3	60.9	9.79	9.83	9.67	-27.7	-32.7	-41.0	-0.13		
6.5	3.60	63.6	63.1	62.7	9.74	9.79	9.61	-27.6	-33.3	-40.3	-0.06		
7.0	3.70	65.4	65.0	64.5	9.69	9.74	9.55	-27.9	-35.2	-40.1	-0.06		