

Voltage Controlled Oscillator

JCOS-EDR4783

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	5.50	88.0	87.4	87.0	10.59	10.79	10.76	-16.5	-32.8	-50.6	-0.13	1	-93
1.0	4.50	90.1	89.6	89.3	10.75	10.96	10.93	-16.7	-32.6	-49.0	-0.19	10	-115
1.5	4.00	92.0	91.6	91.4	10.81	10.99	10.92	-17.0	-32.8	-48.8	-0.32	100	-136
2.0	4.00	94.0	93.6	93.3	10.71	10.86	10.79	-17.4	-33.0	-48.7	-0.26	1000	-156
2.5	3.60	95.7	95.4	95.0	10.57	10.72	10.65	-17.6	-33.2	-48.9	-0.13		
3.0	3.10	97.3	96.9	96.6	10.42	10.57	10.50	-17.9	-33.4	-49.1	-0.19		
3.5	3.10	98.9	98.4	98.1	10.25	10.41	10.35	-18.1	-33.6	-49.2	-0.13		
4.0	2.80	100.3	99.8	99.5	10.08	10.25	10.19	-18.3	-33.7	-49.2	-0.13		
4.5	2.80	101.7	101.3	100.9	9.91	10.08	10.03	-18.4	-33.8	-49.2	-0.13		
5.0	2.70	103.1	102.6	102.3	9.74	9.91	9.86	-18.5	-33.9	-49.4	-0.06		
5.5	2.70	104.4	103.9	103.6	9.56	9.74	9.69	-18.7	-33.9	-49.5	-0.06		
6.0	2.70	105.7	105.3	104.9	9.37	9.57	9.52	-18.8	-34.0	-49.5	0.00		
6.5	2.40	107.0	106.5	106.2	9.19	9.39	9.34	-18.9	-34.0	-49.6	-0.13		
7.0	2.60	108.2	107.8	107.5	9.00	9.21	9.17	-18.9	-34.1	-49.5	-0.06		
7.5	2.30	109.4	108.9	108.7	8.82	9.03	8.99	-19.0	-34.1	-49.7	-0.13		
8.0	2.40	110.6	110.1	109.8	8.63	8.85	8.82	-19.2	-34.1	-49.7	-0.13		
8.5	2.30	111.7	111.3	111.0	8.46	8.68	8.65	-19.2	-34.2	-49.8	-0.13		
9.0	2.20	112.8	112.4	112.1	8.28	8.51	8.48	-19.3	-34.2	-49.7	-0.13		
9.5	2.20	113.9	113.5	113.2	8.11	8.35	8.32	-19.4	-34.3	-49.9	-0.13		
10.0	2.00	114.9	114.5	114.2	7.96	8.19	8.16	-19.4	-34.3	-49.9	-0.19		
10.5	2.00	115.9	115.5	115.1	7.80	8.03	8.02	-19.4	-34.4	-50.0	-0.13		
11.0	1.80	116.9	116.4	116.2	7.66	7.89	7.88	-19.4	-34.5	-50.1	-0.13		
11.5	1.70	117.7	117.3	117.0	7.53	7.75	7.74	-19.5	-34.5	-50.1	-0.19		
12.0	1.80	118.5	118.1	117.8	7.40	7.62	7.62	-19.5	-34.5	-50.1	-0.13		