

Voltage Controlled Oscillator

JCOS-EDR4785

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	6.90	56.7	56.3	56.2	10.22	9.97	9.50	-14.2	-31.7	-53.6	-0.13	1	-100
1.0	5.60	59.4	59.1	59.0	10.41	10.33	10.02	-14.6	-31.3	-54.4	-0.06	10	-120
1.5	4.50	61.8	61.4	61.3	10.47	10.47	10.24	-15.0	-31.4	-52.2	-0.13	100	-139
2.0	4.20	63.8	63.5	63.3	10.46	10.52	10.34	-15.5	-31.6	-50.8	0.00	1000	-156
2.5	3.60	65.6	65.3	65.2	10.41	10.51	10.35	-15.9	-31.9	-50.2	-0.06		
3.0	3.50	67.4	67.0	66.9	10.33	10.46	10.31	-16.3	-32.2	-50.0	-0.06		
3.5	3.30	69.1	68.7	68.5	10.22	10.37	10.23	-16.7	-32.5	-49.7	-0.06		
4.0	3.20	70.7	70.3	70.1	10.09	10.26	10.12	-17.1	-32.8	-49.6	0.00		
4.5	3.20	72.3	71.9	71.7	9.92	10.12	9.98	-17.4	-33.1	-49.4	0.06		
5.0	3.10	73.8	73.4	73.2	9.74	9.96	9.82	-17.7	-33.3	-49.4	0.06		
5.5	2.90	75.3	74.9	74.7	9.53	9.77	9.63	-17.9	-33.5	-49.4	0.00		
6.0	2.90	76.8	76.4	76.2	9.31	9.56	9.43	-18.2	-33.8	-49.4	-0.06		
6.5	3.10	78.3	77.9	77.7	9.07	9.33	9.21	-18.4	-33.8	-49.3	-0.06		
7.0	3.10	79.8	79.4	79.2	8.81	9.08	8.97	-18.6	-33.9	-49.3	0.00		
7.5	2.90	81.3	80.9	80.7	8.53	8.82	8.72	-18.8	-33.8	-49.3	0.00		
8.0	2.90	82.8	82.4	82.2	8.25	8.55	8.45	-18.9	-33.9	-49.5	0.00		
8.5	2.80	84.2	83.8	83.6	7.97	8.27	8.18	-19.0	-33.9	-49.4	-0.06		
9.0	2.90	85.6	85.3	85.1	7.68	7.98	7.91	-19.1	-34.0	-49.6	-0.06		
9.5	2.80	87.0	86.7	86.5	7.39	7.69	7.64	-19.2	-33.9	-49.5	-0.06		
10.0	2.70	88.4	88.0	87.8	7.10	7.41	7.37	-19.2	-34.0	-49.7	0.00		
10.5	2.60	89.7	89.3	89.1	6.82	7.14	7.10	-19.3	-34.0	-49.6	-0.06		
11.0	2.40	90.9	90.5	90.3	6.55	6.86	6.85	-19.2	-33.9	-49.6	-0.06		
11.5	2.60	92.1	91.8	91.5	6.29	6.60	6.60	-19.2	-33.9	-49.5	0.00		
12.0	2.30	93.3	92.9	92.7	6.03	6.35	6.35	-19.2	-33.9	-49.7	-0.06		