

Voltage Controlled Oscillator

ROS-ED7763/1

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			
0.3	7.10	82.3	81.6	81.2	-1.34	-0.71	-1.54	-22.2	-40.7	-56.8	0.16	1	-91
0.5	6.00	83.8	83.1	82.7	-1.23	-0.52	-1.06	-22.5	-40.1	-55.2	0.18	10	-111
0.8	5.20	85.1	84.4	84.1	-1.09	-0.41	-0.79	-22.7	-39.9	-53.7	0.20	100	-131
1.0	4.70	86.2	85.6	85.2	-1.04	-0.26	-0.56	-23.0	-39.6	-53.8	0.22	1000	-151
1.3	4.30	87.3	86.7	86.3	-1.02	-0.21	-0.44	-23.2	-39.4	-52.5	0.23		
1.5	4.00	88.3	87.7	87.3	-0.97	-0.19	-0.36	-23.4	-39.3	-52.5	0.25		
1.8	3.70	89.2	88.6	88.2	-0.99	-0.17	-0.34	-23.6	-39.2	-52.2	0.26		
2.0	3.50	90.1	89.5	89.1	-0.99	-0.16	-0.30	-23.9	-39.2	-51.8	0.27		
2.3	3.30	91.0	90.3	89.9	-1.01	-0.18	-0.29	-24.0	-39.2	-51.6	0.29		
2.5	3.20	91.8	91.1	90.7	-1.03	-0.20	-0.31	-24.2	-39.0	-51.7	0.30		
2.8	3.10	92.6	91.9	91.5	-1.09	-0.24	-0.34	-24.3	-39.1	-50.9	0.34		
3.0	3.00	93.3	92.6	92.2	-1.12	-0.28	-0.37	-24.5	-39.1	-50.8	0.32		
3.3	2.90	94.0	93.4	92.9	-1.17	-0.34	-0.40	-24.5	-39.1	-50.9	0.33		
3.5	2.80	94.7	94.1	93.6	-1.22	-0.38	-0.45	-24.7	-39.2	-51.2	0.34		
3.8	2.70	95.4	94.7	94.3	-1.22	-0.45	-0.51	-24.7	-39.1	-50.5	0.35		
4.0	2.70	96.1	95.4	95.0	-1.31	-0.45	-0.57	-24.9	-39.2	-50.1	0.36		
4.3	2.60	96.8	96.1	95.6	-1.37	-0.54	-0.58	-25.0	-38.9	-50.7	0.37		
4.5	2.60	97.4	96.7	96.2	-1.46	-0.62	-0.67	-25.0	-39.0	-50.2	0.39		
4.8	2.60	98.1	97.4	96.9	-1.55	-0.71	-0.73	-25.0	-39.0	-50.2	0.40		
5.0	2.50	98.7	98.0	97.5	-1.65	-0.79	-0.82	-25.1	-38.9	-50.1	0.40		