

Voltage Controlled Oscillator

ROS-ED6845/4

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	8.90	329.6	328.6	327.7	10.22	10.23	10.07	-31.2	-25.6	-29.9	0.07	1	-82
1.0	11.00	335.2	334.1	333.0	10.62	10.38	10.18	-31.4	-26.0	-29.5		10	-103
1.5	9.80	340.2	339.0	337.8	10.71	10.43	10.50	-31.5	-26.2	-29.1		100	-123
2.0	9.10	344.8	343.5	342.4	10.73	10.44	10.51	-31.6	-26.6	-28.8		1000	-143
2.5	8.80	349.3	347.9	347.0	10.79	10.12	10.56	-31.7	-26.7	-28.3	0.11		
3.0	8.80	353.5	352.3	351.8	10.69	10.00	10.43	-31.6	-26.9	-28.0			
3.5	9.60	357.8	357.1	356.8	10.52	9.77	10.24	-31.4	-27.0	-27.8			
4.0	10.30	362.5	362.3	361.8	10.25	9.46	9.96	-31.0	-26.9	-27.4			
4.5	10.10	367.6	367.3	366.7	9.64	9.03	9.38	-30.3	-26.7	-27.2	0.43		
5.0	9.60	372.4	372.1	371.3	9.24	8.61	9.03	-29.8	-26.4	-27.0			
5.5	8.90	377.0	376.6	375.6	8.99	8.36	8.83	-29.3	-26.1	-26.7			
6.0	8.30	381.2	380.7	379.6	8.57	7.94	8.49	-28.7	-25.6	-26.6			
6.5	7.70	385.2	384.6	383.3	8.03	7.54	8.15	-28.1	-25.0	-26.3	0.27		
7.0	7.10	388.8	388.1	386.7	7.64	7.34	7.71	-27.6	-24.5	-26.1			