

Voltage Controlled Oscillator

ROS-6370C-119+

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)
		-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	F2	F3	F4			
0.0	45.2	6232.3	6218.8	6207.9	1.4	-0.6	-3.0	-27.5	-21.0	-41.4	0.4	1	-78
0.3	41.0	6243.1	6230.1	6219.8	1.4	-0.3	-2.6	-27.3	-20.2	-41.6	0.4	10	-105
0.5	39.0	6253.2	6240.4	6230.5	2.0	-0.1	-2.3	-27.1	-20.7	-43.1	0.4	100	-127
0.8	38.1	6262.8	6250.1	6240.4	2.4	-0.2	-2.0	-26.7	-22.0	-40.9	0.4	1000	-146
1.0	36.7	6272.1	6259.6	6249.8	2.6	0.3	-1.9	-26.7	-22.5	-40.1	0.4		
1.3	36.4	6281.3	6268.8	6259.1	2.8	0.7	-1.9	-26.8	-21.8	-40.8	0.4		
1.5	36.2	6290.3	6277.9	6268.3	2.9	0.9	-1.4	-26.6	-21.2	-41.1	0.4		
1.8	35.8	6299.2	6286.9	6277.3	3.0	1.1	-1.0	-26.5	-21.6	-40.7	0.4		
2.0	35.3	6307.8	6295.9	6286.2	3.0	1.3	-0.7	-26.4	-23.2	-39.4	0.4		
2.3	34.9	6316.5	6304.7	6295.2	2.8	1.5	-0.5	-26.3	-22.8	-39.8	0.4		
2.5	35.0	6325.5	6313.4	6304.0	2.8	1.6	-0.4	-26.2	-22.1	-40.6	0.3		
2.8	36.1	6334.3	6322.2	6312.9	3.2	1.6	-0.2	-26.0	-21.5	-39.7	0.3		
3.0	36.3	6343.1	6331.2	6321.7	3.5	1.5	-0.1	-25.8	-21.1	-38.0	0.3		
3.3	36.0	6352.0	6340.3	6330.7	3.6	1.9	-0.1	-26.1	-23.6	-38.1	0.3		
3.5	36.1	6361.1	6349.3	6339.8	3.7	2.1	-0.3	-26.2	-23.5	-38.8	0.2		
3.8	36.0	6370.2	6358.3	6348.9	3.7	2.3	0.2	-26.2	-22.4	-39.1	0.1		
4.0	35.6	6379.2	6367.3	6357.9	3.6	2.4	0.4	-26.1	-21.5	-38.8	0.0		
4.3	34.7	6388.1	6376.2	6366.8	3.4	2.4	0.5	-26.0	-20.5	-38.4	0.2		
4.5	33.4	6396.7	6384.9	6375.6	3.4	2.3	0.6	-25.8	-21.6	-37.2	0.4		
4.8	31.9	6404.8	6393.3	6384.0	3.7	2.2	0.6	-25.4	-22.5	-36.4	0.6		
5.0	29.7	6412.5	6401.2	6392.1	3.8	2.2	0.6	-25.2	-22.1	-36.9	0.7		
5.3	27.5	6419.7	6408.7	6399.7	3.9	2.3	0.5	-25.1	-21.9	-37.8	0.8		
5.5	25.5	6426.6	6415.5	6406.8	3.9	2.4	0.4	-25.0	-21.6	-37.1	0.9		
5.8	23.7	6433.1	6421.9	6413.3	3.8	2.5	0.5	-24.9	-21.2	-36.2	0.9		
6.0	22.0	6439.1	6427.8	6419.3	3.6	2.4	0.6	-24.7	-21.1	-34.9	0.8		
6.3	20.4	6444.6	6433.3	6424.8	3.5	2.4	0.7	-24.6	-21.4	-34.2	0.7		
6.5	18.9	6449.8	6438.4	6429.9	3.4	2.3	0.7	-24.4	-21.5	-34.6	0.6		
6.8	17.6	6454.4	6443.1	6434.6	3.6	2.3	0.7	-24.2	-20.9	-35.1	0.4		
7.0	17.6	6458.6	6447.5	6439.0	3.7	2.1	0.7	-24.0	-20.3	-35.1	0.3		