

TABLE 1—MEASURED RESULTS FOR PEAK-DETECTOR CIRCUIT

Frequency (Hz)	25	50	100	1000	10K	100K	1M	2M	3M
% error (500 mV peak input)	2	0.6	0.2	0	1	0.8	-0.5	-3.2	-5.4
% error (1V peak input)	1.8	0.4	0	0.1	0.8	0.7	-1.3	-3	-5.2
% error (2V peak input)	2.1	0.4	0.1	0.3	1.0	1.4	-0.6	-2	-3.8
% error (4V peak input)	2	0.8	0.5	0.5	0.8	0.8	-0.5	-1.8	-3.5