

**TABLE 1—MEASUREMENT RESULTS AT 1 kHz AND WITH 20 mV RMS OF NOISE**

Shaping time (μsec)	Peak time (μsec)	C <sub>1</sub> (nF)	C <sub>2</sub> (nF)	Jitter	0.1V <sub>IN</sub> <sup>1</sup>	0.2V <sub>IN</sub>	0.5V <sub>IN</sub>	1V <sub>IN</sub>	2V <sub>IN</sub>	5V <sub>IN</sub>	10V <sub>IN</sub>	Walk
1	2	0.47	0.33	σ (μsec)	0.249	0.145	0.06	0.029	0.015	0.009	0.006	0.06 μsec
3	6	1	1	σ (μsec)	0.594	0.395	0.156	0.081	0.042	0.017	0.009	0.2 μsec <sup>2</sup>
6	12	2.2	2.2	σ (μsec)	1.608	0.939	0.372	0.195	0.096	0.04	0.021	1.1 μsec <sup>2</sup>
3	6	1	1	Amplifier	0.664	0.417	0.161	0.081	0.042	0.017	0.009	0.47 μsec <sup>3</sup>