Table 8.4 Probability of making a Type II error for the resistor acceptance hypothesis test

$$z = \frac{9.63 - \mu}{\frac{1}{\sqrt{20}}}$$

μ	z	Probability of Type II error β	Power $(1 - \beta)$
9	2.82	0.002	0.9976
9.2	1.92	0.027	0.9726
9.5	0.58	0.281	0.7190
9.63	0.00	0.500	0.5000
9.8	−0.76	0.745	0.2546
9.85	−0.98	0.837	0.1635
9.9	−1.21	0.887	0.1131
9.9979	−1.645	0.950	0.0500