

Table 1. Calibration Description - Continued

Test instrument parameters	Performance specifications
Ac current ¹ (model 8120A only)	Range: 0 to 1000 mA in 5 ranges Accuracy: $\pm 0.3\%$ of input + 0.05% of range from 50 Hz to 5 kHz; $\pm 0.6\%$ of input + 0.05% of range from 30 to 50 Hz and 5 to 10 kHz
Resistance	Range: 0 to 10 M Ω in 5 ranges
Model 8125A	Accuracy: $\pm 0.02\%$ of input + 0.01% of range on 1 to 1000 k Ω ranges; $\pm 0.05\%$ of input + 0.01% of range on 10 M Ω range
Model 8120A	Accuracy: $\pm 0.05\%$ of input + 0.01% of range on 1 to 1000 k Ω ranges; $\pm 0.1\%$ of input + 0.01% of range on 10 M Ω range

¹Not calibrated below 50 Hz or above 1 kHz.

SECTION II

EQUIPMENT REQUIREMENTS

4. **Equipment Required.** Table 2 identifies the specific equipment to be used in this calibration procedure. This equipment is issued with Secondary Transfer Calibration Standards Set AN/GSM-287. Alternate items may be used by the calibrating activity when the equipment listed in table 2 is not available. The items selected must be verified to perform satisfactorily prior to use and must bear evidence of current calibration. The equipment must meet or exceed the minimum use specifications listed in table 2. The accuracies listed in

table 2 provide a four-to-one ratio between the standard and TI. Where the four-to-one ratio cannot be met, the actual accuracy of the equipment selected is shown in parenthesis.

5. **Accessories Required.** The accessories listed in table 3 are issued as indicated in paragraph 4 above and are used in this calibration procedure. When necessary, these items may be substituted by equivalent items, unless specifically prohibited.