

TRANSMISSION TESTS
SERVICE OBSERVING DESKS

1. GENERAL

1.01 These addenda are issued to add gain-frequency response requirements when checking transmission loss and to establish periodic test intervals for transmission tests of service observing equipment and circuits.

1.02 This instruction shall not be interpreted as eliminating any other routines or test records called for by standard Bell System Practices.

2. GAIN FREQUENCY RESPONSE TESTS

2.01 Where the associated main section of the standard practice specifies 1000-cycle transmission loss requirements on service observing equipment or circuits, the following frequency response test shall be performed:

(a) Using a source of testing power with the same output power and impedance as specified for the 1000-cycle transmission test, perform a response test at the frequencies listed below:

- 1000 cycles (reference)
- 300 cycles
- 400 cycles
- 500 cycles
- 600 cycles
- 800 cycles
- 1500 cycles
- 2000 cycles
- 2500 cycles
- 3000 cycles

(b) The 1000 cycle loss requirement specified in the main section of the practice shall still apply. Level measurements at the other specified frequencies listed above shall not deviate more than 1.5 db (vu) from the 1000-cycle reference level. Any excessive deviation shall be investigated and corrected prior to restoring the service observing equipment or circuit to the Traffic Department.

3. PERIODIC TEST INTERVALS

3.01 All transmission tests of service observing equipment and circuits contained in the main section and this addendum shall be classified as an insurance routine. These transmission tests shall be scheduled and performed monthly.

3.02 Standard forms for use in routine maintenance procedures, as described in other Bell System Practices, shall be used for scheduling and records of routine testing. Entries on appropriate forms are to be made for activity of regular scheduled routine testing and trouble investigations.