
B.4 Test arrangement

B.4.1 Electro-acoustic equipment

Artificial mouth: unless specified otherwise, the artificial mouth shall conform to ITU-T Recommendation P.51 [38].

Artificial ear: the ITU-T Recommendation P.57 [46] Type 1 shall be used.

If requested by the terminal supplier, the ITU-T Recommendation P.57 [46] Type 3.2 artificial ear shall be used for all tests. In this case the following apply:

- the low leakage option of Type 3.2 artificial ear shall be adopted;
- the force against the ear shall be as specified in ITU-T Recommendation P.57 [46];

sound pressure measurements shall be referred to the ERP as specified in ITU-T Recommendation P.57 [46];

- no leakage correction shall be made in the calculation of RLR (i.e. $L_E=0$).

[If requested by the terminal supplier, the ITU-T Recommendation P.57 \[46\] Type 3.4 artificial ear may be used. The positioning is defined in ITU-T Recommendation P.64.](#)

The test report shall indicate the type of artificial ear used for the receive tests.

HATS: when a HATS is used, it shall conform to ITU-T Recommendation P.58. In such a case, all the sending and receiving characteristics shall be tested with the HATS and it shall be indicated in the test report that the HATS was used.