



List of reports from the department of Technical Audiology, Karolinska Institutet

The last years we have preferred to publish our results in scientific journals and have only rarely made reports on our own.

* indicates that the report was later published in a scientific journal. See separate list.

- TA137 2004 Tinnitus, ljudkänslighet och andra hörselproblem – Försäkringsmässiga aspekter
Ulf Rosenhall, Ann-Cathrine Lindblad
- TA136 2004 Temporary Hearing Changes in Urban Combat Conditions with and without NAC Treatment
Ann-Cathrine Lindblad, Åke Olofsson, Björn Hagerman, Ulf Rosenhall
- TA135 2003 Temporary hearing changes in urban combat conditions
Ann-Cathrine Lindblad, Åke Olofsson
- TA134 1998 Continuous rating of sound quality. *D Hedberg, C Jansson. Master thesis.*
- TA133 1998 Hörseltest för urval av sonaroperatörer - fortsättning.
Ann-Cathrine Lindblad, Björn Hagerman, Åke Olofsson
- TA132 1996 Hearing tests for selection of sonar operators. *A-C Lindblad, B Hagerman*
- *TA 131 1994 Ear muff performance determined by threshold method and by probe microphone method.
B Hagerman, Å Olofsson, J Cheng, E Svensson
- *TA130 1994 Ear muff performance in impulsive noise as a function of angle of incidence.
B Hagerman, Å Olofsson, J Cheng, E Svensson
- *TA129 1993 Time-frequency signal representation of transient evoked otoacoustic emissions via smoothed pseudo Wigner distribution. *J Cheng*
- *TA128 1993 Predicting hearing aid response in real ears. *P-E Sanborn*
- *TA127 1993 Efficient adaptive methods for measurements of speech reception thresholds in quiet and in noise. *B Hagerman, C Kinnefors*
- TA126 1992 Measurements on AGC-hearing instruments using broad-band test signals and a psycho-acoustical model. *Å Olofsson*
- TA125 1992 Tone thresholds in modulated noise.
I. Level dependence and relation to SRT in noise for normal-hearing subjects.
A-C Lindblad, Å Olofsson, B Hagerman
- *TA124 1992 Individual follow-up of hearing aid fitting. *A Ovegård, A-B Ramström*
- TA123 1991 Perceived sound quality of reproductions with different sound levels.
A Gabrielsson, B Hagerman, T Bech-Kristensen
- TA122 1991 Measurements with various loads on three sizes of zinc-air batteries for hearing aids.
B Hagerman
- TA121 1991 A renovated anechoic room: Some aspects of requirements and measurements.
O Till, B Hagerman
- *TA120 1990 Perceived sound quality in hearing aid with vented and closed earmold equalized in frequency response. *G Lundberg, A Ovegård, B Hagerman, A Gabrielsson, U Brändström*
- TA119 1990 Repeated measurements on hearing protectors on acoustic test fixture. *E Svensson*
- TA118 1990 Hearing-aid to ear impedance matching: A literature survey. *P-E Sanborn*
- *TA117 1988 Perceived sound quality for different frequency responses and sound levels.
A Gabrielsson, B Hagerman, T Bech-Kristensen, G Lundberg
- TA116 1987 Influence of nonlinear distortion on speech intelligibility: Hearing impaired listeners.
A-C Lindblad
- *TA115 1987 Loudspeaker frequency response and perceived sound quality: Comparison between measurements in listening room, anechoic room and reverberation room.
A Gabrielsson, B Lindström, O Till

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- *TA114 1986 Loudspeaker frequency response and perceived sound quality: Measurements in listening room. *A Gabrielsson, B Lindström, O Till*
- *TA113 1986 Relations between speech intelligibility and psychoacoustical modulation transfer function (PMTF). *B Hagerman, Å Olofsson, A-C Lindblad*
- *TA112 1985 The effect of different frequency responses on sound quality judgments and speech intelligibility. *A Gabrielsson, B N Schenkman, B Hagerman*
- TA111 1985 Hearing aid measurements on occluded-ear simulator compared to simulated in-situ and in-situ measurements. *U Olsson*
- TA110 1984 Improvement of induction loop field characteristics using multi-loop systems with uncorrelated currents. *Å Olofsson*
- *TA109 1984 Questionnaires on desirable properties of hearing aids. *B Hagerman, A Gabrielsson*
- TA108 1983 Audio versus audio-visual test - implications for hearing aid frequency responses. *A-C Lindblad, M P Haggard, J R Foster*
- *TA107 1983 Clinical measurements of speech reception threshold in noise. *B Hagerman*
- *TA106 1983 Assessment of perceived sound quality in eighteen high fidelity loudspeakers. *A Gabrielsson, B Lindström, G Elger*
- TA105 1982 Detection of nonlinear distortion of speech signals by hearing impaired listeners. *A-C Lindblad*
- *TA104 1982 Measurement of speech reception threshold - a comparison between two methods. *B Hagerman*
- TA103 1981 Problems and methods in judgments of perceived sound quality. *A Gabrielsson*
- TA102 1981 Scaling of perceptual dimensions in sound reproduction. *A Gabrielsson, B Lindström*
- *TA101 1981 Sentences for testing speech intelligibility in noise. *B Hagerman*
- TA100 1981 Modulation transfer function and speech transmission index - a method to predict speech intelligibility in Swedish? - The Swedish contribution to the IEC 29B/WG15 multilanguage test. *B Hagerman, A-C Lindblad*
- TA99 1980 En metod för subjektiv utvärdering av "kompaktanläggningar". *B Lindström*
- TA98 1980 Clinical assessment of perceived sound quality in hearing aids. *A Gabrielsson, B Hagerman, C Berg, A Ovegård, L Ånggård*
- TA97 1980 Statistical analysis of fricative sounds. *Å Olofsson*
- TA96 1980 A method for suppression of periodic noise signals. *S-Å Frykholm, Å Olofsson*
- TA95 1980 Hörapparaters frekvenskurvor: IEC-coupler, KEMAR, människa. *U Olsson*
- TA94 1980 Some ideas in computerized acoustical impedance measurements. *S-Å Frykholm*
- *TA93 1979 Assessment of perceived sound quality in high fidelity sound-reproducing systems. *A Gabrielsson, S-Å Frykholm, B Lindström*
- TA92 1978 Statistical treatment of data from listening tests on sound-reproducing systems. *A Gabrielsson*
- TA91 1978 Taluppfattbarhet för högtalarsystem vid Arlanda utrikesterminal. *B Hagerman, A-C Lindblad*
- TA90 1978 A generalization of the concept of total harmonic distortion. *Å Olofsson*
- TA89 1978 Ett programpaket för mätning, syntes och analys av linjära tidskontinuerliga och tidsdiskreta system. *Å Olofsson*
- TA88 1978 Reliability in the determination of speech reception threshold (SRT). *B Hagerman*
- TA87 1978 Detection of nonlinear distortion in telephone systems. *A Gabrielsson, A-C Lindblad, B Lindström, Å Olofsson*
- TA86 1977 Adjective ratings and dimension analyses of perceived sound quality of headphones. *A Gabrielsson, S-Å Frykholm, H Sjögren*
- *TA85 1977 Adjective ratings and dimension analyses of perceived sound quality of hearing aids. III. *A Gabrielsson, H Sjögren*
- *TA84 1977 Automatic gain control and hearing aids. The influence of different attack and release times on speech intelligibility for hearing impaired with recruitment. *T Ahren, S Arlinger, C Holmgren, L Jerlvall, B. Johansson, A-C Lindblad, H Sjögren*

* indicates that the TA-report is out of stock, but is available at a cost of SEK 50.

The list continues to TA49 1968.

- TA83 1976 Detection of amplitude distortion by normal hearing and hearing impaired subjects. *A Gabrielsson, P-O Nyberg, H Sjögren, L Svensson*
- TA82 1976 Preferred listening levels and perceived sound quality at different sound levels in "high fidelity" sound reproduction. *A Gabrielsson, H Sjögren*
- TA81 1976 Preliminärrapport slingor. *R Ingelstam*
- TA80 1975 Emulator för kommunikation mellan minidator typ Honeywell 316 och stordator typ IBM 360. *Bo Jacobsson*
- TA79 1975 Mätning av amplitud- och faskurvor för hörapparater med hjälp av minidator. *Å Olofsson*
- TA78 1975 Styr- och registreringsenhet för psykoakustisk mätplats. *Å Olofsson, L Persson, H Sjögren*
- *TA77 1975 Adjective ratings and dimension analyses of perceived sound quality of hearing aids. II. *A Gabrielsson, H Sjögren*
- *TA76 1975 Similarity ratings and dimension analyses of perceived sound quality of hearing aids. *A Gabrielsson, H Sjögren*
- *TA75 1974 Adjective ratings and dimension analyses of perceived sound quality of hearing aids. I. *A Gabrielsson, H Sjögren*
- TA74 1974 Assessment of comfort and discomfort levels for pure tone, a methodological study. *A Gabrielsson, B Johansson, Bodil Johansson, A-C Lindblad, L Persson*
- TA73 1973 Hörapparaternas driftkostnader. *B Johansson*
- *TA72 1973 Adjective ratings and dimension analyses of perceived sound quality of sound reproducing systems. *A Gabrielsson, U Rosenberg, H Sjögren*
- TA71A 1974 Mätsond för mätning på magnetiska fält inom tonfrekvensområdet. *R Ingelstam*
- *TA70 1972 Detection of amplitude distortion in flute and clarinet spectra. *A Gabrielsson, H Sjögren*
- TA69C 1975 Some experiments with frequency discrimination for pure tones. *A-C Lindblad, L Åhman*
- TA69B 1972 Continued measurements of frequency discrimination for bands of noise. *A Gabrielsson, B Johansson, A-C Lindblad, L Persson, B Rosenqvist*
- TA69 1972 Frequency discrimination for bands of noise. *A Gabrielsson, B Johansson, A-C Lindblad, A Pettersson, B Rosenqvist*
- TA68 1972 Judgments and dimension analyses of perceived sound quality of sound reproducing systems. II. *U Rosenberg, A Gabrielsson, H Sjögren*
- TA67 1971 Om hörapparatkostnadernas fördelning. *B Johansson*
- *TA66 1971 Judgments and dimension analyses of perceived sound quality of sound reproducing systems. I. *U Rosenberg, A Gabrielsson, H Sjögren*
- *TA65 1971 Objective measurements of speech level. *H Sjögren*
- *TA64A 1971 Nonlinear distortion in hearing aids. *R Ingelstam, B Johansson, A Pettersson, H Sjögren*
- TA64 1970 The effect of non-linear amplitude distortion, an investigation by variation of the quadratic and the cubic components. *R Ingelstam, B Johansson, A Pettersson, H Sjögren*
- *TA63 1970 Mätning av talnivå. *H Sjögren*
- TA62 1968 Reserapport Stresa 10-23 maj 1969. *B Johansson*
- TA61 1969 Some viewpoints on the magnetic field for the test of induction pick-up coils in hearing aids. *A-C Lindblad*
- TA60 1969 Syntesutrustning för kvadratisk och kubisk amplituddistorsion. *B Hagerman, H Sjögren*
- TA59 1969 Mätning av intermodulation i hörapparat. *B Johansson, A-C Lindblad, H Sjögren, G Flottorp*
- TA58 1968 Hörselskydd. *B Johansson*
- TA57 1968 Buller: Mätmetoder och bedömningsnormer. *B Johansson*
- TA56 1968 Akustiska kvalitetsnormer för skolor för hörselskadade. (Byggnadsstyrelsen UV-info nr 71). *B Johansson*
- TA55 1968 Dämpningsmätningar på öronproppar för hörapparat. *S-E Appelgren, B Johansson*
- TA54 1968 En jämförelse mellan allt-i-örat hörapparats frekvenskurva i tryckkammare resp i öra med ledningsfel. *B Johansson, S Sjögren*
- TA53 1968 En utrustning för registrering av intermodulationsprodukter. *R Ingelstam, S Sjögren*

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- TA52 1968 Intermodulation. *B Johansson, A-C Lindblad, H Sjögren*
- TA51 1968 Icke linjär förvrängning. *H Sjögren, R Ingelstam, B Johansson*
- TA50 1968 Signal matching for inductive transmission over hearing aids. *H Sjögren, S-E Jalmell*
- TA49 1968 Jämförande hörtelefonmätningar artificial ear, coupler.
B Johansson, A-C Lindblad, B Rosenqvist, H Sjögren

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