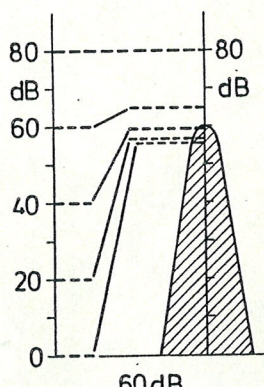
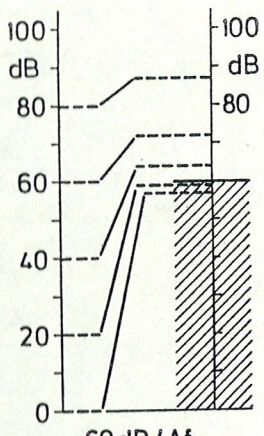
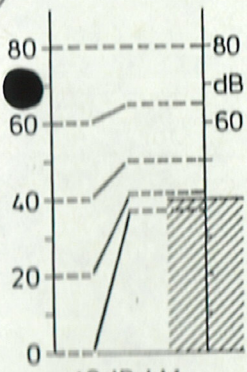


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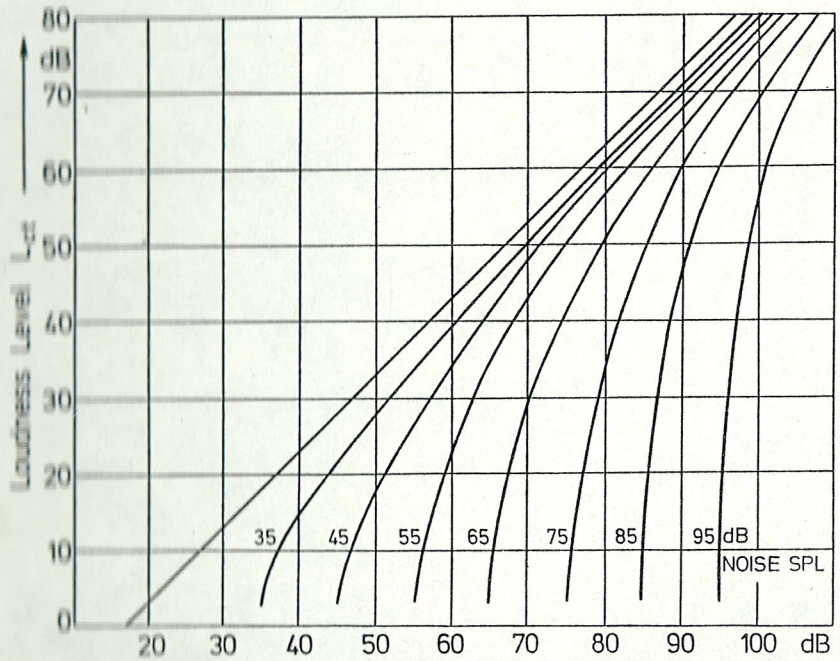
gleichmäßig anregendes Rauschen

Schmalbandrauschen

Verschiebung der Phon-Kurven bei Drosselung eines 1kHz-Tones

Bild 3 Tonusstag. Berlin '78

Figure 3



14/
16

AES '80 London
Fig 4

Signal Sound Pressure Level L_{Signal}

AEG London '80 (27.2.80): Abbildungen
Adequate Dynamic Range at Varying Environmental Noise

14/12 Fig.1: Curves of equal loudness level of a tone perceived together with a narrow band noise of 60 dB SPL. (Berlin '78 Bild 2 S.40)

14/13 Fig.2: Phone-curves of a tone perceived together with a uniform masking noise of 60 dB per critical band width. (Berlin '78 Bild 1 S.102)

14/14 Fig.3: Recruitment above the raised hearing threshold. (F.J.MEISTER, Ak.Meß.d.Gehörprüfung, Karlsruhe 1954 Fig.43a) /S.76

14/16 Fig.4: Expansion by the ear at various noise levels from 35 to 95 dB bzw. Expansion curves at noise levels from 35 to 95 dB SPL. /SPL.

14/17 Fig.5: Compression depending on annoying noise with various sound pressure levels compensating the expansion by the ear.

14/18 Fig.6: Compression and expansion curves, depending on annoying noise with various SPL's, for precompressed signals with dynamics of about 37 dB.

14/19 Fig.7: Transfer curves of an older compander system Aussteuerungskennlinien eines älteren Kompander-Systems (AEG-Telefunken: TELCOM C4D Beschreibung Fig.3)

14/20 Fig.8: Expansionskurve des Gehörs für einen durch $40 \text{ dB}/\Delta f_G$ Schmalbandrauschen gedrosselten 1 kHz-Ton (nach ZWICKER 1963) (Kompression zur Herstellung natürlicher dynamischer Verhältnisse beim Abhören unter verschiedenen umweltbedingten Störschalleinflüssen. Ber.11.Tonmstr.-Tagg. Berlin '78, Bild 4 S.105)

14/15 Fig 5 Berlin '78: Vergleich d. Phonkurven bei Donng. eines 1KHz-Tones Bild 3