CTL INTERPRETATION SHEET

Standard: IEC 60065, Ed. 6	**Clause: 4.3.9**	**Sheet n. 289** **Page 1(1)**
Subject: Fault conditions on audio amplifiers	**Key words:** - **Audio amplifier** - **- Fault condition**	**Decision n. 23/36 taken at 36th meeting/1999**

Question:

When applying fault conditions to an audio amplifier (scl. 4.3.9) to determine heating under fault conditions there are two possibilities to do this.

1. Adjusting the apparatus to deliver one-eighth of the non- clipped output power to the minimum rated load impedance [8 Ohms) and then changing the load to 4 Ohms without changing the adjustment.
2. Changing the load impedance to 4 Ohms, measuring the non-clipped output power into 4 Ohms, and then adjusting the output to one-eighth of the non-clipped output power

Which possibility is to be used?

Decision:

Possibility 1 has to be used.

Explanatory notes:

The majority of the CTL-experts agreed with interpretation 1) and all disagreed with 2). WG1 of TC92 confirmed the opinion of the experts.