

June 8, 2012

Ms. Verena Radulovic
ENERGY STAR Program
U.S. Environmental Protection Agency
Washington, DC 20460

Mr. Matt Malinowski
ICF International
1725 Eye Street, NW
Washington, DC, 20006

Sent via E-Mail: radulovic.verena@epa.gov; mmalinowski@icfi.com; audiovideo@energystar.com

Re: Final Draft Version 3.0 ENERGY STAR® Audio/Video Specification

Dear Ms. Radulovic and Mr. Malinowski:

Bose Corporation ("Bose") is a U.S.-based engineering, manufacturing, and retail distributor of electronics and audio equipment with approximately 3,400 employees in operations in Framingham and Stow, Massachusetts; Columbia, South Carolina; and Yuma, Arizona. Bose Corporation is also a member of the Consumer Electronics Association ("CEA"), which may be submitting comments on this same matter.

Bose appreciates this opportunity to provide its comments on the Final Draft Version 3.0 ENERGY STAR® Audio/Video Specification that was released on May 23, 2012 ("Final Draft").

Bose greatly appreciates this opportunity to provide its comments on the Final Draft. Bose also appreciates the US Environmental Protection Agency's willingness to consider and adopt Bose's comments on earlier versions of the draft specification. Specifically, Bose appreciates EPA's inclusion of definitions for Consumer and Commercial Audio Amplifier Products. This differentiation will allow EPA to establish energy efficiency criteria that better reflect the true operating conditions of these two classes of amplifier products.

In terms of the proposed Audio Amplifier Use Classifications (Section L of the Final Draft), Bose recommends the following changes:

- (1) Section L(1)(c) currently reads: "Analog inputs have -5 dBV input sensitivity to achieve full output power when using a 1kHz sine wave input." For consistency, this should read "1kHz sine wave input" or "1kHz sinusoidal input" as these terms are used elsewhere in the Final Draft.
- (2) Section F & Section L(1)(d) both refer to alternating current, but do so differently. Section F refers to it as "AC" whereas, Section L(1)(d) refers to it as "Ac" as well as "ac" – the term that is used to refer to alternating current should be consistent throughout the document.
- (3) Section L(1)(e) refers to the inclusion of an "IR" remote as indicating that an amplifier is a consumer amplifier. Bose urges EPA to also include the inclusion of an "RF" remote as a characteristic that also designates a consumer amplifier. Bose learned after its last comment submission that some consumer amplifiers are also shipped with RF remotes and urges EPA to include this criteria in the Final specification. Bose respectfully requests, therefore, that criteria (e) be changed to read, "*An IR or RF remote control is included with or can control the product.*"



In closing, Bose appreciates this opportunity to submit these comments on the Final Draft. Bose urges the EPA to: (1) address the typographical errors noted above and also (2) amend Section L(1)(e) to include RF remote controls as a characteristic of consumer amplifier products. .

Thank you for your consideration of these comments. Please let us know if you have any further questions.

Sincerely,
BOSE CORPORATION

A handwritten signature in blue ink, appearing to read "Greta S. Bouley". The signature is stylized and fluid.

Greta S. Bouley
Deputy General Counsel &
Assistant Secretary