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Our Mission—Your Safety

Attn: Director of Certification

Re: Description of Mechanical changes for ATH2425171 Permissive Change

Dear Sirs:

Regarding the question concerning the design changes of the ATH2425171 radio, as it would relate to radiated spurious rejection, I offer the following description of the mechanical changes. The following photograph shows both the new designed chassis (left) and the original design (right). As can be seen from the photographs, the internal shielding design of the chassis is unaltered. The primary difference is in the design of the rubber ring that is used as a weather seal around the outside of the chassis, as well as minor external mechanical details.



The following two photographs show the chassis with installed PC boards. As can be seen the internal design is unaltered. There is a difference in the shield cover arrangement. The new design features a single piece shield with improved grounding to the chassis. The result is a mechanical construction offering equal performance to the original design.

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I thank you for your consideration in this matter.

Sincerely,

John Oblak
VP, Standards and Regulatory Affairs
EF Johnson Co.