

SHURE Incorporated
222 Hartrey Avenue
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MX692 Radiated Power

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To: American TCB, Inc.
6731 Whittier Avenue
McLean, VA 22101

From: Edgar C. Reihl
Director, Global Compliance

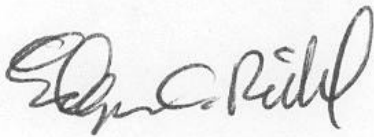
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Applicant: Shure Incorporated

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Dear Ladies and/or Gentlemen:

The Shure Model MX692 Wireless Boundary Microphone, DD4MX692, uses the same RF circuit board as the Shure Model UC1 Body Pack Transmitter, DD4UC1. The RF output power of both units is nominally 50 mW on a conducted basis. The radiated power measurement of the Model MX692 is significantly lower than this, as indicated in the test report, due to the antenna configuration. In the MX692, the antenna is self-contained, and the wire antenna is "bent back" along the side of the transmitter circuit board. This results in partial field cancellation, which causes the radiated power level to be lower than it otherwise would be. However, the transmitter circuitry is still operating at full power, as intended.



By: Edgar C. Reihl, P.E.
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