



EMC Test Services  
1250 Peterson Drive, Wheeling, Illinois 60090, USA

Report No. 6824  
07/10/01

TEST SPECIFICATION:

**FCC "Rules and Regulations", Part 74,**  
Experimental Radio, Auxiliary, Special Broadcast and Other Program  
Distribution Services for Operation in the

614 to 806 MHz Band

Subpart H, Low Power Auxiliary Stations  
Sections 74.801 to 74.882

THE FOLLOWING **MEETS** THE ABOVE TEST SPECIFICATION

Formal Name: Shure Brothers Wireless PSM 700 Transmitter

Kind of Equipment: Wireless Personal Stereo Monitor System

Test Configuration: NA

Emission Designator: 196KF8E

Transmitter FCC ID: DD4P7T

Model Number: P7T

Serial Number: NA

Dates of Test: August 4 & 7 1998

Test Conducted For: Shure Brothers Incorporated

222 Hartrey Avenue

Evanston, Illinois 60202

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## 1.0 SUMMARY OF TEST REPORT

It was found that the Shure Brothers Wireless PSM 700 Transmitter S/N NA **meets** the radio interference emission requirements of the FCC "Rules and Regulations", Part 74, Subpart H, Sections 74.801 to 74.882 for Low Power Auxiliary Stations operating in the 722 to 746 MHz Frequency Band.

## 2.0 INTRODUCTION

On August 4 & 7 1998, a series of radio frequency interference measurements were performed on Wireless Personal Stereo Monitor System, S/N NA. The tests were performed according to the procedures of FCC as stated in Part 2 Subpart J, Equipment Authorization Procedures of the Code of Federal Regulations 47, by personnel of D.L.S. Electronic Systems, Inc. who are responsible to Donald L. Sweeney, Senior EMC Engineer.

## 3.0 OBJECT

The purpose of this series of tests was to determine if the test sample could meet the radio frequency emission requirements of the FCC "Rules and Regulations", Part 74, Subpart H, Sections 74.801 to 74.882 for Low Power Auxiliary Stations operating in the 722 to 746 MHz Frequency Band.

## 4.0 TEST SET-UP

All radiated emission tests were performed at D.L.S. Electronic Systems, Inc. The radiated tests were made with the test item placed on a wooden turntable located in the Test Room with the receive antenna placed one meter from the device under test.



## 17.0 RESULTS OF TESTS

The emission test results can be seen on pages at the end of this report. Data sheets indicating the open field radiated measurements can also be found with this report. Those points on the radiated charts shown with a yellow mark are background frequencies which were verified during the test.

## 18.0 CONCLUSION

It was found that the Wireless Personal Stereo Monitor System, S/N NA 0 the radio interference emission requirements of the FCC "Rules and Regulations", Part 74, Subpart H, Sections 74.801 to 74.882 for Low Power Auxiliary Stations operating in the 614 to 806 MHz Frequency Band. This test report relates only to the items tested.

This report contains the following number of pages.

Text: 93 pages

Data Summary: 9 pages

Charts: 44 pages



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