

dBi Corporation
131 French Ave.
Winchester, KY., 40391, USA

August 11, 2000

Dallas Semiconductor, Inc.
4401 S. Beltwood Parkway
Dallas, Texas, 75244-3292, USA

Gentlemen:

Please find attached the report containing the results of the testing performed by dBi Corporation on the Dallas Semiconductor, Inc. Parallel Port to 1-Wire Adapter, Model DS1410E-001 with DS1955B Java iButton.

The FCC has stated in Part 15 paragraph 15.107(e) (conducted interference limits) and paragraph 15.109(g) (radiated emissions limits), that as an alternative to the limits of Part 15, CISPR 22 (1997) radiated and conducted limits are acceptable.

The Dallas Semiconductor Adapter was evaluated according to CISPR 22 (Class B) (1997) in order to determine its compliance with Federal Communications Commission (FCC) Part 15. As evidenced by the data in Table 1 (radiated interference) and Table 2 (conducted interference), in the attached report, the Dallas Semiconductor, Inc. Parallel Port to 1-Wire Adapter, Model DS1410E-001 with DS1955B Java iButton, was tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules.


Because the subject Adapter does not have a power cord, its effect on conducted interference was determined by measuring the conducted interference of the host PC with the Adapter plugged into the PC.

In the report you will find:

- Administrative information
- Information relating to product RF interference
- Radiated interference test results (CISPR 22) (Class B)
- Conducted interference test results (CISPR 22) (Class B)
- EUT description, Test procedures and Testing Mode
- Measurement equipment used and pictures of test setups

If you should find that additional information or explanation is required, please do not hesitate to contact me.

Sincerely,



D. R. Bush, President PE, NCE
dBi Corporation
(EMC Measurement and Design Consultant)

Dennis A. Jarrett, Product Manager
Dallas Semiconductor, Inc.
(Responsible Party)