

APPENDIX B

FREQUENCY DOMAIN MEASUREMENTS

This Appendix contains measurements of microwave emission spectra for all the ovens that were included in the NTIA tests. These measurements were made using a 3 meter separation between the oven and the antenna; the oven door facing the center of the measurement antenna (orientation) 1 meter above the floor, and a load of 1 Liter of tap water. Oven emission spectra were measured and are shown in a variety of different measurement bandwidths.

Each graph identifies the measurement bandwidth as well as the oven under test. The data file and record are identified, for the most part, in the lower left-hand corner of the graph in question. Under certain situations, such as where there are multiple files or records, the lower left-hand corner bears the data file description of that graph.

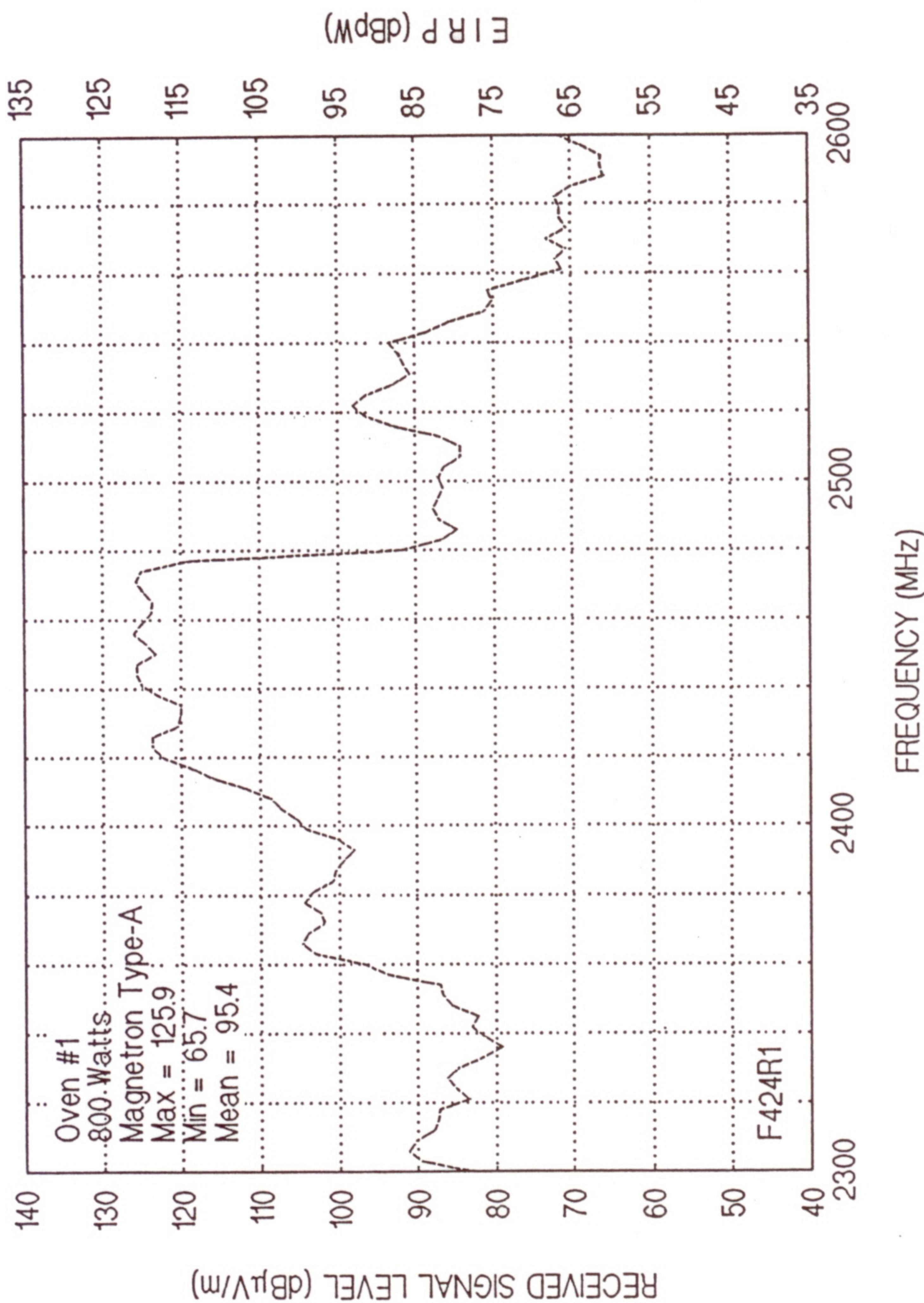


Figure B-1. Oven #1, amplitude vs. frequency.

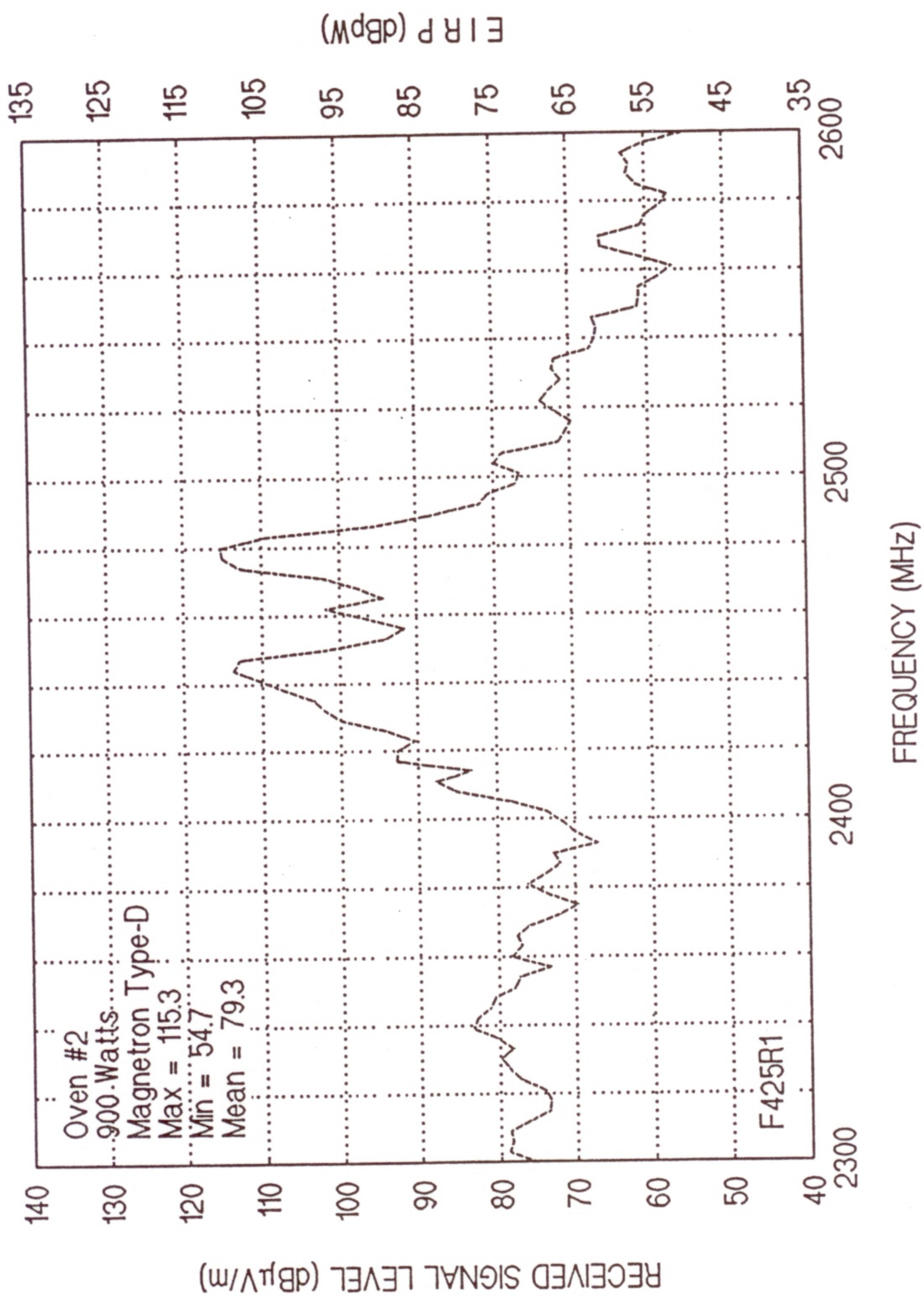


Figure B-2. Oven #2, amplitude vs. frequency.

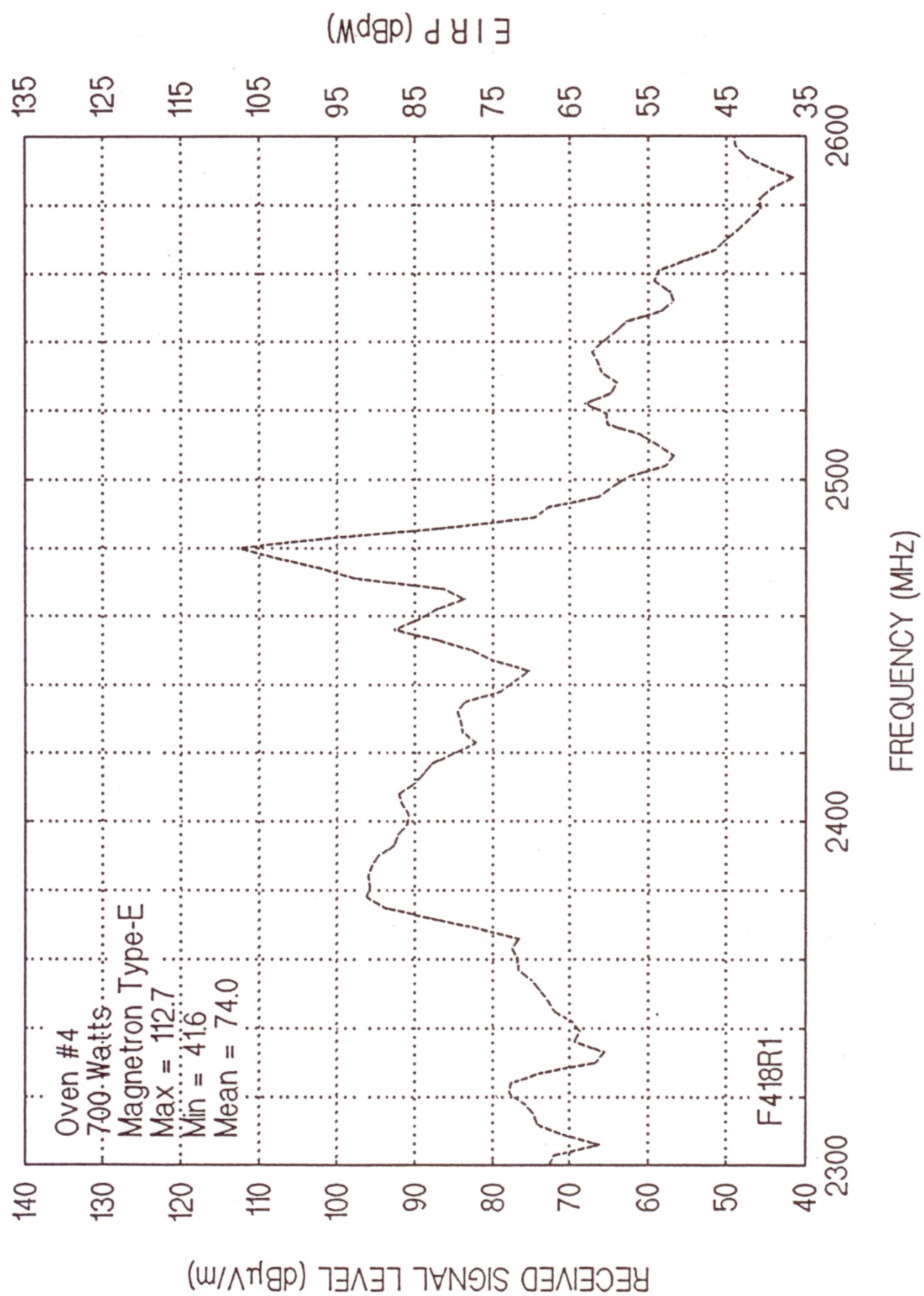


Figure B-3. Oven #4, amplitude vs. frequency.

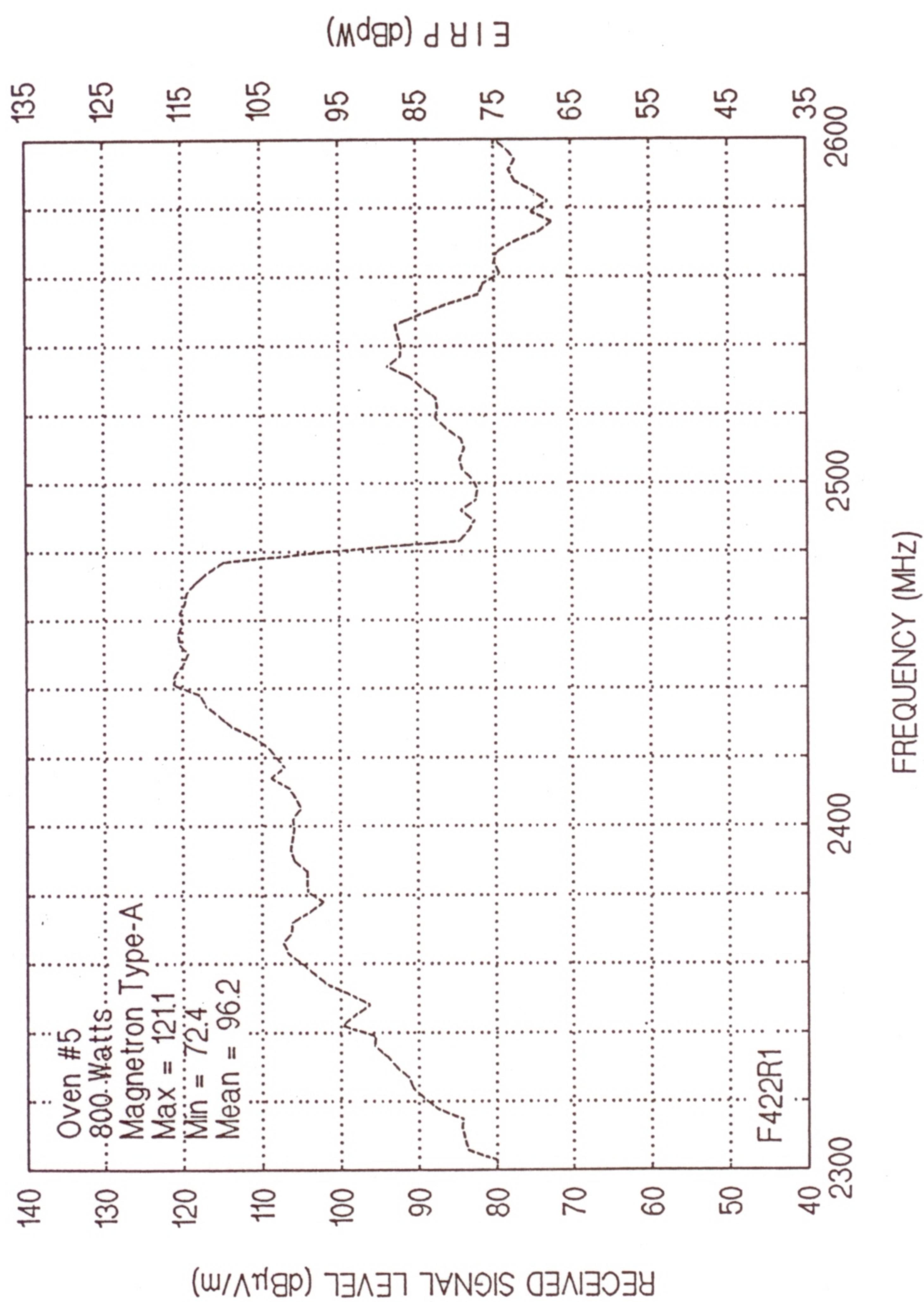


Figure B-4. Oven #5, amplitude vs. frequency.

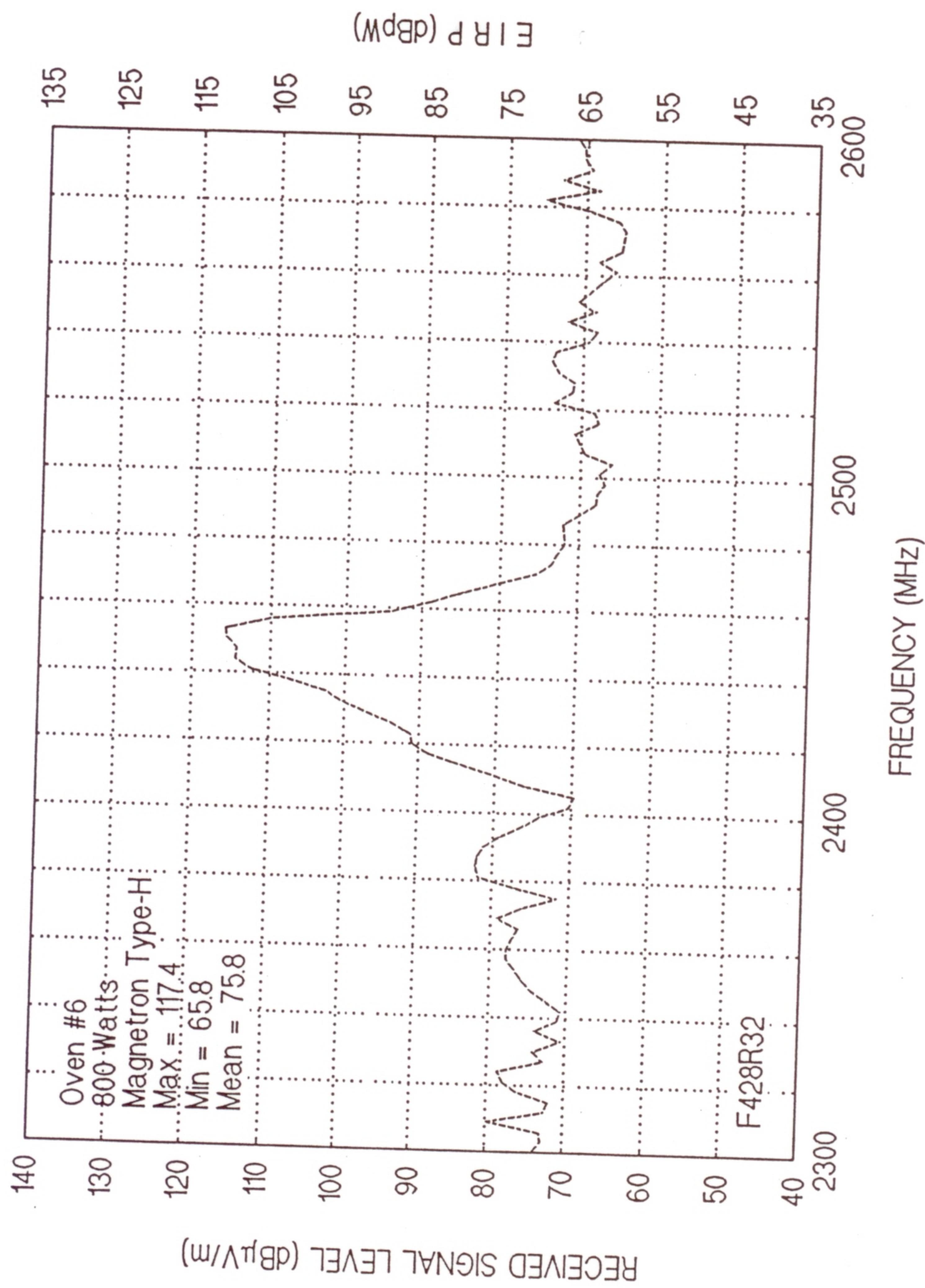


Figure B-5. Oven #6, amplitude vs. frequency.

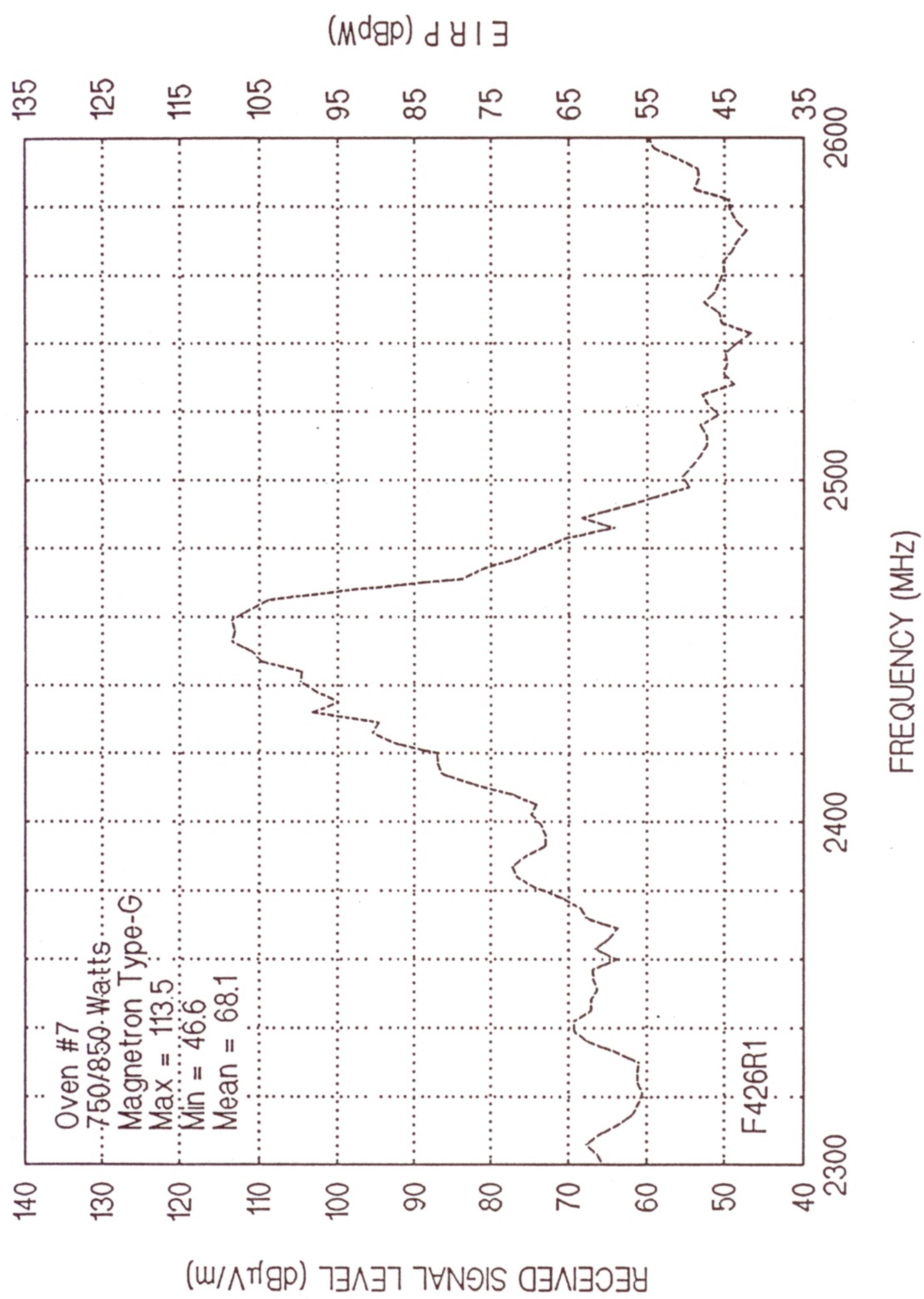


Figure B-6. Oven #7, amplitude vs. frequency.

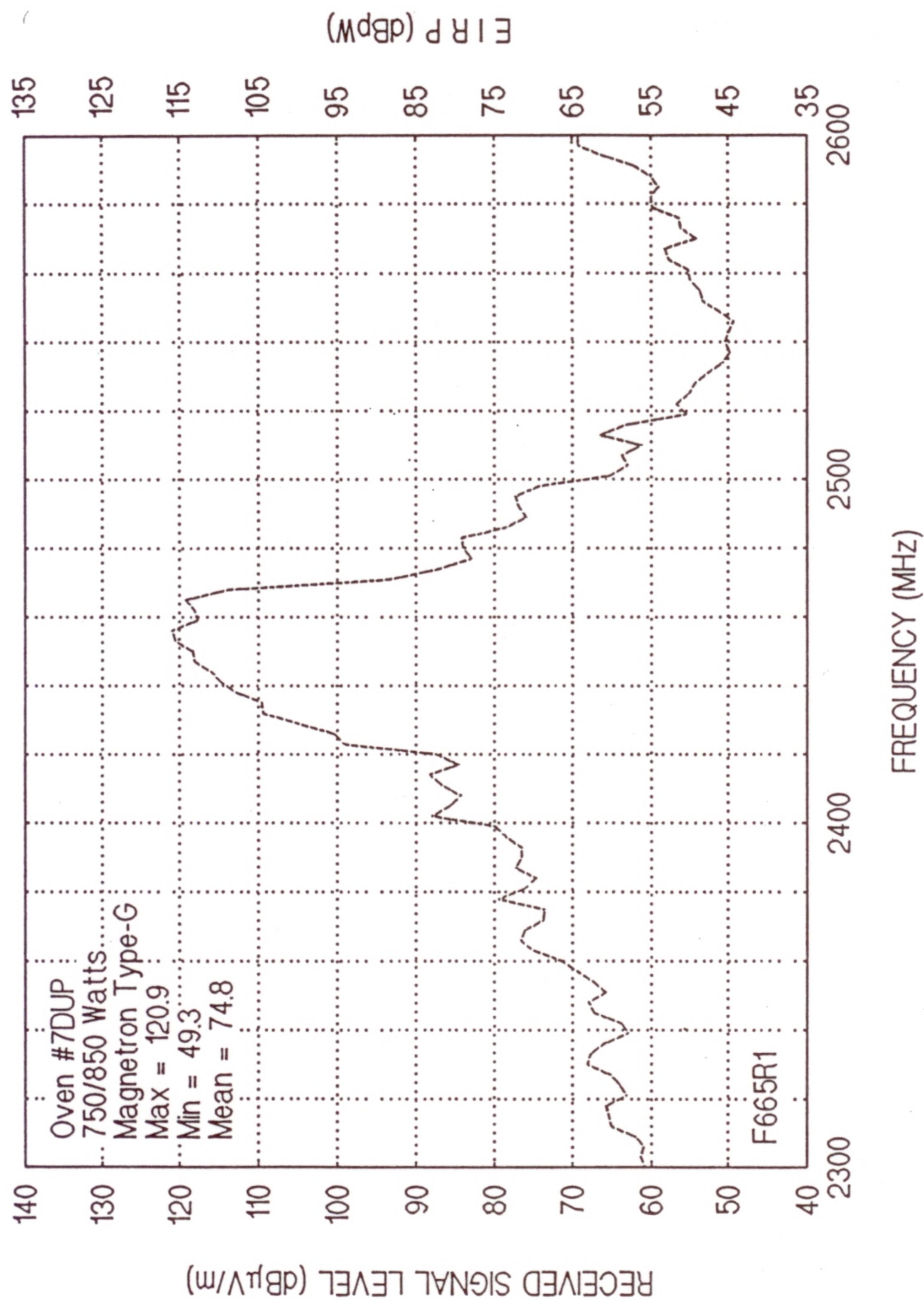


Figure B-7. Oven #7DUP, amplitude vs. frequency.

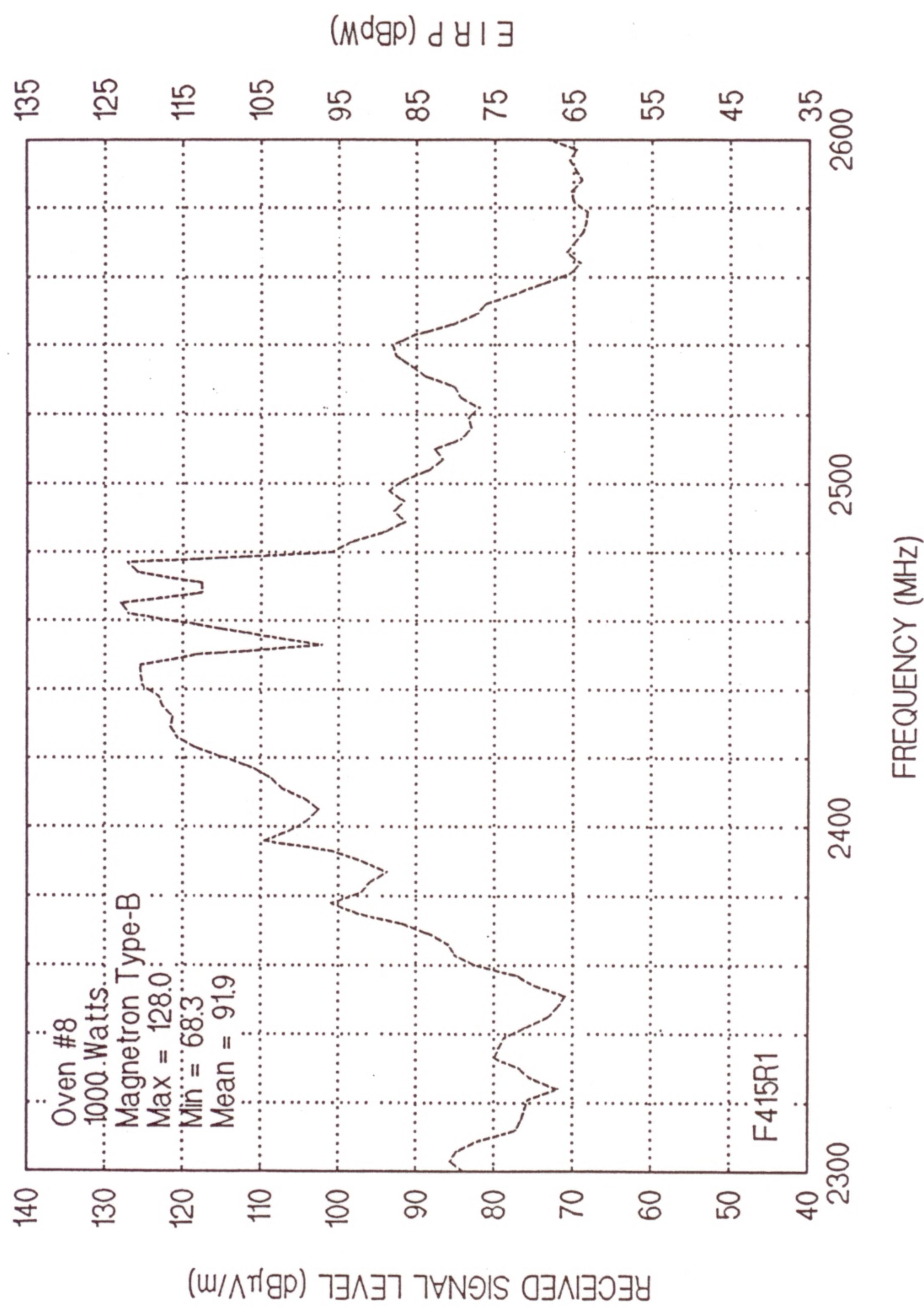


Figure B-8. Oven #8, amplitude vs. frequency.

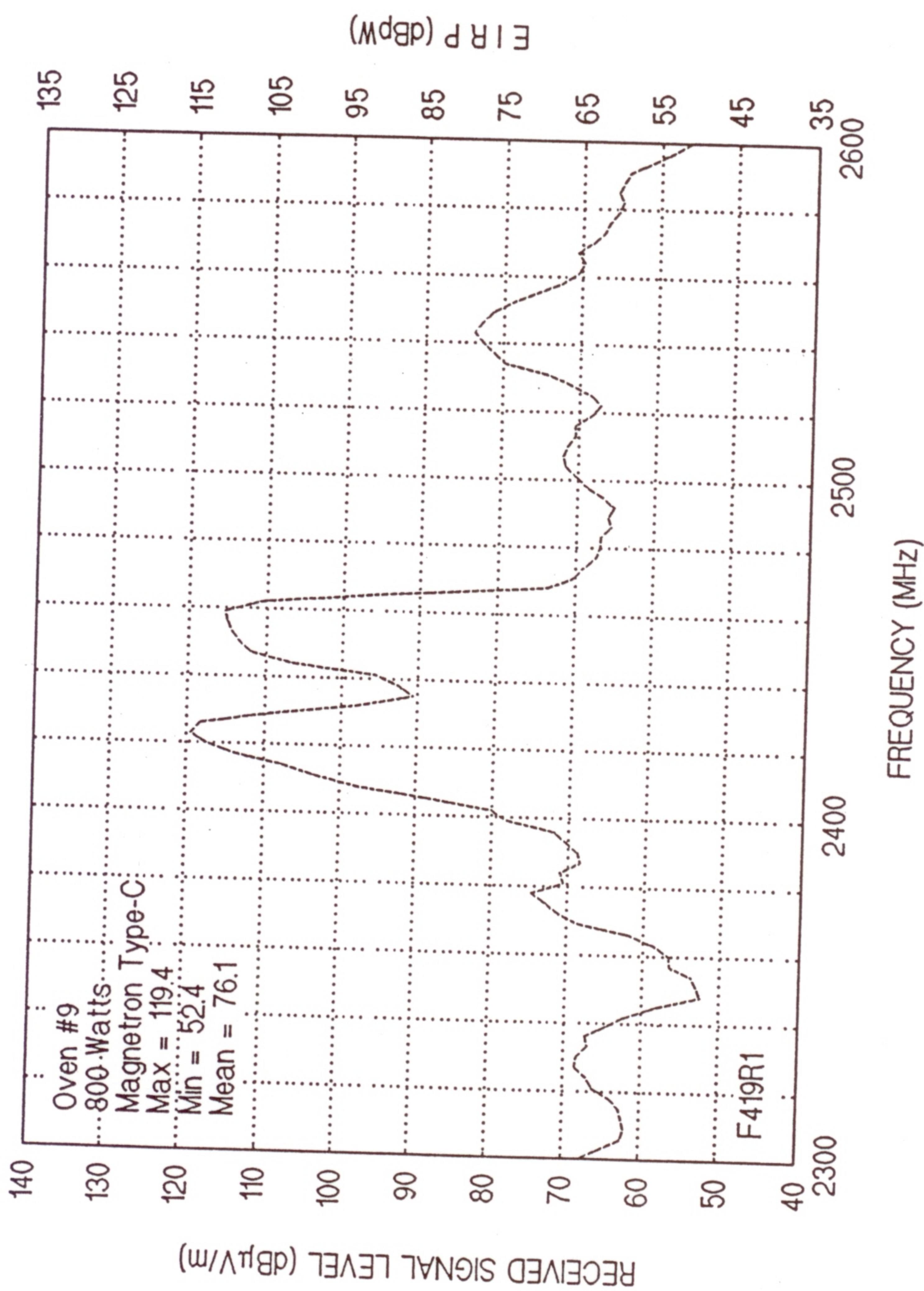


Figure B-9. Oven #9, amplitude vs. frequency.