

the particular filter which formed the subject of the paper. At the time of writing the paper I had just completed a project on a dielectric tuned Craven filter, also at *Q*-Band; although I did duplicate Dr. Howards work in the course of my familiarization of the theory of the Craven filter (this was carried out under Dr. Howard's supervision). It was because of my work on the filter type that Dr. Akers asked me to write a section for the paper. When Dr. Akers made this request I assumed that he had been involved in the filter development, since he was working as a member of Dr. Howards section (I was connected to a separate project team). Dr. Howard had left the company before the paper was prepared.

To comment on Dr. Howard's statements about the published results. It is not unexpected that the performance results given in the paper disagree with Dr. Howards, since they are not of the same filter. Also, the filter used for the paper had been disassembled and reassembled several times, and had to be retuned to obtain the published results.

I cannot explain the differences between the theoretical results, produced by Dr. Howard and myself. I have, since receiving his letter, checked my computer program listing, and so far have not found any errors (although that does not mean one does not exist). I intend to investigate this further.

In conclusion, I do not dispute any of the comments made by Dr. Howard in his letter, apart from the difference in the experimental results, which is explained above. It is also my opinion that Dr. Howard's name should have been included in the byline for the paper, rather than just acknowledged. It was not my intention to publish any of Dr. Howard's work as my own, and

had I known that my contribution to the paper was to be omitted I would have had my name removed.

REFERENCES

- [1] G. F. Craven and C. K. Mok, "The design of evanescent mode waveguide bandpass filters for a prescribed insertion loss characteristic," *IEEE Trans. Microwave Theory Tech.*, vol. MTT-19, pp. 295-308, Mar. 1971.

Reply to "Comment on 'Single-Post Inductive Obstacle in Rectangular Waveguide'"

Y. LEVIATAN, MEMBER, IEEE, P. G. LI, A. T. ADAMS, SENIOR MEMBER, IEEE, AND J. PERINI, SENIOR MEMBER, IEEE

In reply to the above comment,¹ we would like to say that a more complete survey of previous work with inductive posts, which includes that of Abele [1], is presented in our paper on multiple-post inductive obstacles [2].

REFERENCES

- [1] T. A. Abele, "Inductive post arrays in rectangular waveguide," *Bell Syst. Tech. J.*, vol. 57, pp. 577-594, Mar. 1978.
- [2] P. G. Li, A. T. Adams, Y. Leviatan, and J. Perini, "Multiple-post inductive obstacles in rectangular waveguide," *IEEE Trans. Microwave Theory Tech.*, vol. MTT-32, pp. 365-372, Apr. 1984.

Manuscript received January 16, 1985.

Y. Leviatan is with the Department of Electrical Engineering, Technion-Israel Institute of Technology, Haifa, Israel.

P. G. Li, A. T. Adams, and J. Perini are with the Department of Electrical and Computer Engineering, Syracuse University, Syracuse, NY 13210.

¹J. H. Cloete, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-33, pp. 437, May 1985.