

## I N T E R - O F F I C E S E R V I C E M E M O

25 March 1981

TO: ALL IPG SALES AND SERVICE OFFICES

FROM: Signal Analysis Division Product Support Group

SUBJECT: 8566A and 8568A FAN FILTERS

Recently there have been a number of inquiries concerning filters for the 8568A fans (both 85680A and 85662A) and the upper fan on the 8566A (85662A). There is no filter available for these fans nor is one planned. The basic problem has to do with the reduced air flow caused by the filter. Even with the filter clean, the reduction in air flow is significant and causes reduced reliability. Conversely, dirt inside the instrument has a negligible effect on reliability.

Some customers insist on filters and install their own. The result is as expected - decreased reliability because of heat. Should either instrument be sent in for repair, either with some sort of air filter or definite indications that the spectrum analyzer has been operated with an air filter, that repair should not be covered under warranty regardless of instrument age. Subsequent repairs can be considered for warranty with an evaluation by the Product Support Engineer on a case-by-case basis.

Richard Ogg

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