

a digital computer program using ideal susceptances of Table II and the experimental results are shown in Table III. Figure 3 shows a plot of the performance. No tuning was used for this filter.

Table IV shows the high-power capacity of models at 5 μ s pulse 200 pulses per second with no extra air pressure at room temperature.

TABLE III

	Measured	Calculated
f_1 (30 dB)	1223 MHz	1219
f_2 (30 dB)	1391	1394
$f_3 - f_1$	168	175
$(\frac{1}{2})(f_1 + f_2)$	1307	1306
f_3 (Attenuation maximum)	—	89 dB at 1630 MHz
f_4 (30 dB)	1850	1900

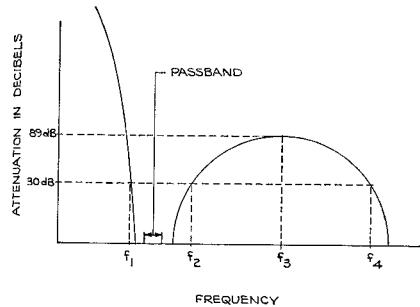


Fig. 3. Attenuation versus frequency for nine resonator filter.

TABLE IV

Frequency	Power (MW)
1250	4.1
1300	7.0
1350	5.5

APPENDIX

$$\left(\frac{\lambda_0}{\lambda_g}\right)^2 (Q_L) = \frac{1}{4} \left[-B \sqrt{B^2 + 4} \tan^{-1} \frac{2}{B} + \frac{2B^2}{\sqrt{B^2 + 4}} \right]$$

ACKNOWLEDGMENT

Among the many people the author wishes to thank for their part in this effort are A. X. Graziano, L. M. Keefer, and P. Kelly.

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Correction to "Comments on Excitation of Spin Waves by Wire Arrays"

In the year since the original comment was written, we have been working on related problems. In October 1966, we discovered an error in the boundary value solution for the case of wires embedded in YIG with dc field perpendicular to the array. In this case the solution is mainly medium- k rather than low- k . We believe our other statements are valid.

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