



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

August 24, 2022

Jeffrey Soinski
Chief Executive Officer
Avinger, Inc.
400 Chesapeake Drive
Redwood City, CA 94063

Re: Avinger, Inc.
Registration Statement on Form S-1
Filed August 19, 2022
File No. 333-266987

Dear Mr. Soinski:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Dorrie Yale at 202-551-8776 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: David Marx, Esq.