



DIVISION OF
CORPORATION FINANCE

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

June 6, 2023

Gregory D. Swan
Chief Financial Officer
IperionX Limited
129 W Trade Street, Suite 1405
Charlotte, NC 28202

Re: IperionX Limited
Form 20-F for the Fiscal Year ended June 30, 2022
Filed August 26, 2022
File No. 001-41338

Dear Gregory D. Swan:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance
Office of Energy & Transportation