October 12, 2021

VIA EDGAR

United States Securities and Exchange Commission Division of Corporation Finance Office of Technology 100 F Street, NE Washington, D.C. 20549

Attn: Alexandra Barone

Jan Woo

Re: Arqit Quantum Inc. (the "Company")

Registration Statement on Form F-1 (File No. 333-259982)

Dear Ms. Barone and Ms. Woo:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, the Company hereby requests that the effective date of the above-referenced Registration Statement be accelerated so that it becomes effective at 4:00 p.m., Eastern Time, on October 12, 2021, or as soon thereafter as practicable.

The Company also requests that the Securities and Exchange Commission confirm the effective date and time of the Registration Statement to Company counsel, White & Case LLP, Attention: Monica Holden, by email to mholden@whitecase.com.

[Signature page follows]

Sincerely,

ARQIT QUANTUM INC.

By: /s/ David Williams
Name: David Williams
Title: Chief Executive Officer

(Signature Page to F-1 Acceleration Request)