



1938 Occidental Ave South, Suite C, Seattle, WA 98134

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

January 25, 2024

Re: Class II Permissive change (addition of model number GFD100)

Product name: GFD100 with FCC ID 2A83C-BZQ6R

To Whom It May Concern:

The GFD100 is a new model in the same family as the GFD200, it shares the same electrical architecture and radios as the GFD200 with minor changes to cable lengths and circuit boards not associated with the radios.

The GFD100 is a desktop 3D laser printer containing a single chip combination WiFi/Bluetooth radio. In addition to the prior testing undertaken with GFD200, GFD100 has been spot checked for Unintentional Radiator radiated and conducted emissions per FCC 15.247:2023. The GFD100 has also undergone spot check testing for Spurious radiated emissions per FCC 15.247:2023.

The included documents show that the GFD100 conforms to the requirements of FCC Title 47 part 15.247 for operation in the 2.4GHz band.

Please contact me if there is any information you may need (nickw@glowforge.com).

Sincerely,

Nick Woolger, Principal Electrical Engineer

Title	GFD100-FCC-Application Coverletter
File name	GFD100-FCC-Application Coverletter.pdf
Document ID	ed2b97ad4dc186aa5c92be2c614b74cb244dd0a1
Audit trail date format	MM / DD / YYYY
Status	● Signed

Document History



SENT

01 / 26 / 2024

00:29:53 UTC

Sent for signature to Nick Woolger (nickw@glowforge.com) from leslie.clark@glowforge.com
IP: 173.91.45.81



VIEWED

01 / 26 / 2024

02:41:43 UTC

Viewed by Nick Woolger (nickw@glowforge.com)
IP: 97.113.218.254



SIGNED

01 / 26 / 2024

02:42:04 UTC

Signed by Nick Woolger (nickw@glowforge.com)
IP: 97.113.218.254



COMPLETED

01 / 26 / 2024

02:42:04 UTC

The document has been completed.