

20511 Lake Forest Drive
Lake Forest, California 92630-7741

Phone: +1(949)-505-6890
www.alcon.com



Federal Communications Commission (FCC)
Authorization and Evaluation Division
7435 Oakland Mills Rd
Columbia MD 21046-1609
USA

Date: November 13, 2023

To Whom it May Concern:

Alcon Research LLC is submitting this application for the certification of Alcon's Unity VCS/CS RFID, FCC ID: VMC-NGPVID, under Part 15.225.

The Unity VCS/CS system is a multifunctional surgical instrument for use in anterior and posterior segments of ophthalmic surgeries. The UNITY VCS (Vitreoretinal Cataract System), and CS (Cataract System) come in two configurations: combined or UNITY VCS and anterior only or UNITY CS.

Unity VCS and Unity CS contains identical RFID radios with multiple embedded printed antennas around aperture ports to read passive tags in handpieces and probes. The difference between these two configurations is that Unity VCS used 3 RFID radios and Unity CS used only one RFID radio (Pneumatic RFID) common for both configurations and other two RFID radios are not used, and their ports are covered with front panel plastic skin. That make front panel of Unity CS different from front panel of Unity VCS.

There are total of 10 RFID transceivers located in 3 RFID boards. From user perspective (usability) only two of them can operate simultaneously.

The RFID radio operates on single channel at 13.56 MHz. The technical reports and exhibits, submitted with this application, demonstrate compliance with FCC Parts 15.225.

Your efforts in reviewing this application are greatly appreciated.
Sincerely,

By: _____
(Signature)
Title: Principal Engineer II

Hakan Gokdogan
(Print name)
Telephone: 949-505-7514