

02/23/2024

Federal Communications Commissions
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

RE: Part 2, Subpart J, Radiofrequency Radiation Exposure

To whom it may concern:

We, Vivid-Hosting, LLC., attest that this device under FCC ID: **2BBOU10923** complies with the requirements for a **mobile device** per § 2.1091.

The noted FCC ID above is otherwise known as the VH-109 device.

1. Device cannot be a portable device

- a. The VH-109 device is a Wi-Fi to Ethernet client/bridge that is to be used on indoor robotics platforms within the high school robotics competition called FIRST Robotics.
- b. The indoor robotics platforms are never operated near the presence of humans, requiring a wireless device connection via the VH-109 device to ensure physical distancing.
- c. The VH-109 device does not include a battery.
 - i. When configured as a 6XD device, otherwise known as an **INDOOR CLIENT**, it is intended to be powered via a large(18 Ah) 12V lead acid battery on a robotics platform, precluding it from being used portably.
 - ii. When configured as a 6ID device, otherwise known as an **INDOOR ACCESS POINT**, the device is mounted on walls, ceilings, and masts away from bodies while being powered from an AC power source.

Therefore, we believe that the VH-109 device meets the requirements of § 2.1091 as it is “a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and the body of the user or nearby persons”.

Please refer to the RF Exposure exhibit for supporting detail.

Sincerely,



Kiet Chau
Chief Executive Officer
Vivid-Hosting, LLC.
02/23/2024