



SUZZALLO LIBRARY WIRELESS CELLULAR ANTENNAS

UW Environmental Health & Safety (EH&S) provides the following safety information for University personnel who work in or near University locations where wireless cellular antennas are installed.

SITE INFORMATION

Address: 1851 Northeast Grant Lane, Seattle
Carrier (s): T-Mobile
FCC Site #: SE01124A
Antenna type: Sector/Directional antennas
Co-locators: None
Location(s): Rooftop – on platform
Site access: Locked door (1)
Last survey date: November 8, 2022

- This building consists of nine antennas grouped together in three sectors on a platform on the main roof.
- All measurements were below the limit for general public exposure to radiofrequency energy.

AERIAL VIEW OF THE ANTENNAS

Figure 1 shows an aerial view of the rooftop and platform where the antennas are located.

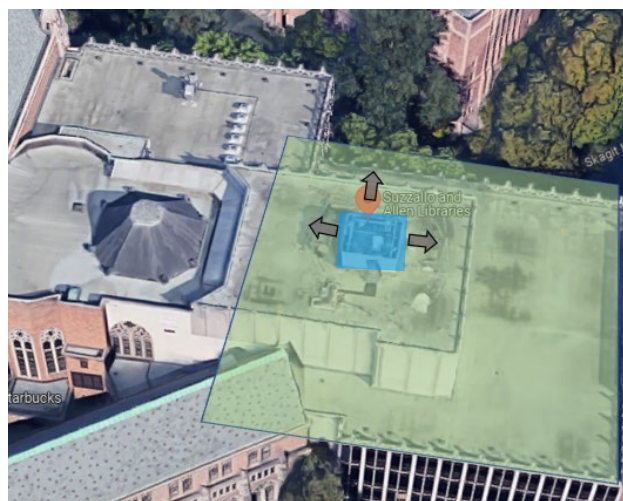
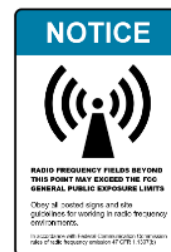


Figure 1: View from the roof.

SIGNS AND BARRIERS

- Blue NOTICE signs are mounted on the rooftop access doors and the screen enclosure on the platform (as shown in Figure 2 below). The signs indicate the radiofrequency field beyond this point may exceed the general public exposure limits.
- **Do not loiter or stand directly in front of these screen enclosures.**
- No additional barriers or stanchions are required at this site.



If your work requires you to be directly in front of a wireless cellular antenna, please contact EH&S Radiation Safety for an additional safety discussion.

Location	RF Exposure Measurements	Hazard category
Ground level	Less than 0.02% of FCC general public exposure limit.	1
Lower roof	Less than 0.02% of FCC general public exposure limit.	1
Main roof	Less than 95% of FCC general public exposure limit.	1

WIRELESS CELLULAR ANTENNA LOCATIONS

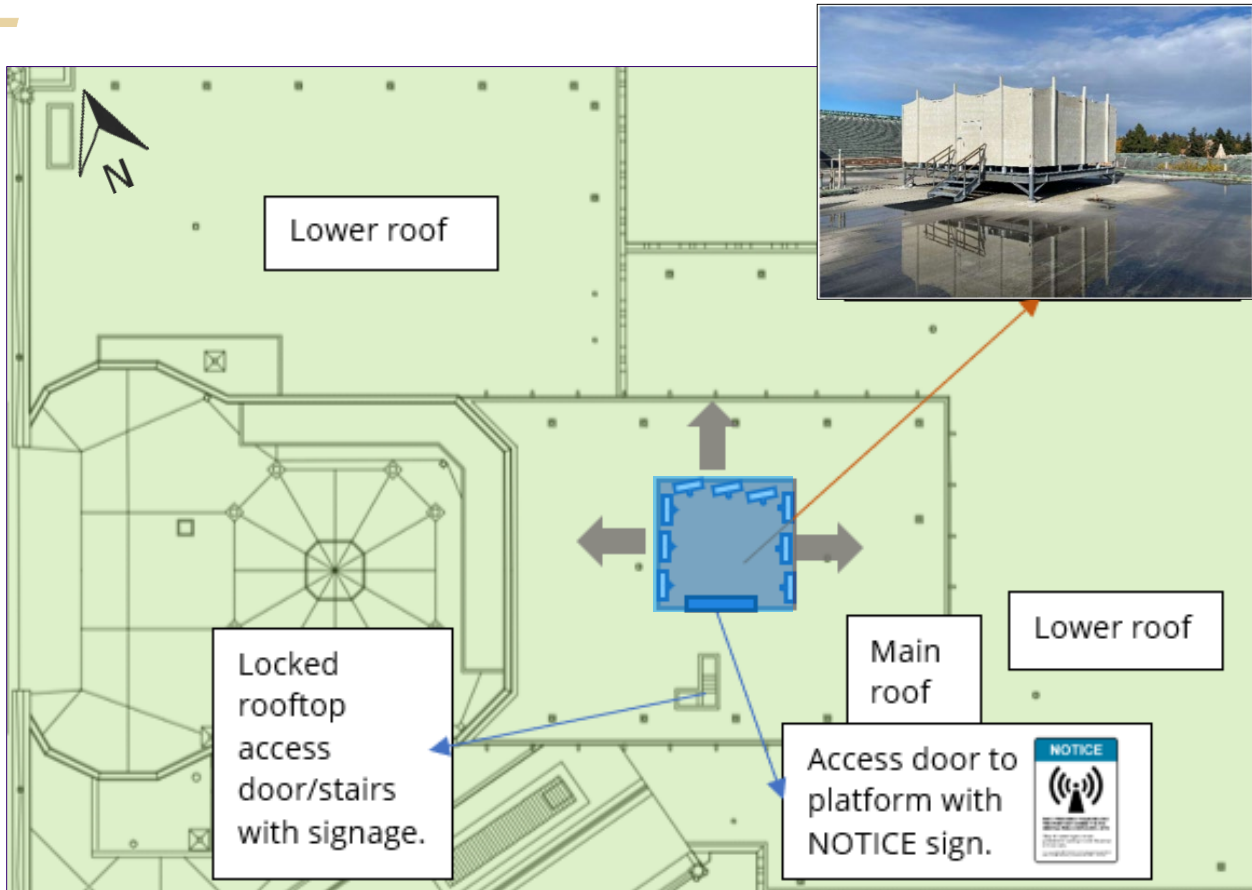


Figure 2: View looking down at the roof of Suzzallo Library.

Symbols/ Color	Definitions	Signage
	Direction of mounted antenna or directional RF energy	NA
	Mounted antenna/panel	NA
Category 1	Area where RF fields are too weak to cause exposures greater than general public limit SAFE FOR GENERAL PUBLIC	No signage
Category 2	Area where RF fields could potentially be greater than general public limit but less than occupational limit NOT SAFE FOR GENERAL PUBLIC BUT SAFE FOR WORKERS.	

Table 1: Symbols and color legends, definitions and required posting.

Visit the [Radiofrequency: Wireless Cellular Antennas](#) page on the EH&S website for more information.

Contact EH&S at 206.543.0463 or radsaf@uw.edu with questions.