



April 1, 2025

RE: Verizon Wireless Stealth Tree site Located at 2766 St. Louis Ave. Signal Hill, CA 90755.

To Whom It May Concern,

We write to inform you that Verizon Wireless has performed a radio frequency (RF) compliance pre-construction evaluation for the above-noted proposed site and based on the result of the evaluation, the site will be compliant with FCC Guidelines.

The FCC has established safety rules relating to potential RF exposure from cell sites. The rules are codified at 47 C.F.R § 1.1310. The FCC provides guidance on how to ensure compliance with its rules in the FCC Office of Engineering and Technology Bulletin 65 (available at https://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf). The FCC developed the RF standards, known as Maximum Permissible Exposure (MPE) limits, in consultation with numerous other federal agencies, including the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration. The FCC provides information about the safety of radio frequency (RF) emissions from cell towers on its website at: <https://www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety>.

Please refer to the FCC Office of Engineering and Technology Bulletin 65 and the attached Verizon Wireless RF Brochure for information on RF exposure guidelines, RF safety, and landlord responsibilities. Questions related to compliance with federal regulations should be directed to VZWRFCompliance@VerizonWireless.com.

Please contact your local Verizon Wireless resource below if you have additional site-specific questions.

Contact Name	Contact Email	Contact Phone
Michael Armanios	WestSoCalNetworkCompliance@verizonwireless.com	949-237-0120

Sincerely,

Jason Giggles
Manager-RF System Design
Verizon Wireless

Attachment F



RADIOFREQUENCY EMISSIONS

SAFETY & AWARENESS REFERENCE GUIDE

This handout is not intended to replace the FCC/OSHA mandated occupational requirement for RF Safety & Awareness Training

FEDERAL COMPLIANCE REQUIREMENTS

The Federal Communications Commission (FCC) has established safety guidelines relating to RF exposure from cell sites. The FCC developed those standards, known as Maximum Permissible Exposure (MPE) limits, in consultation with numerous other federal agencies, including the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration.

The standards were developed by expert scientists and engineers after extensive reviews of the scientific literature related to RF biological effects. The FCC explains that its standards incorporate prudent margins of safety.

CLASSIFICATIONS FOR EXPOSURE LIMITS

OCCUPATIONAL

Persons are “exposed as a consequence of their employment” and are “fully aware of the potential for exposure and can exercise control over their exposure.”

GENERAL POPULATION

Any persons that “may not be made fully aware of the potential for exposure or cannot exercise control over their exposure.”

Those in this category do not require RF Safety & Awareness Training.

ENSURING COMPLIANCE WITH FCC GUIDELINES

Areas or portions of any transmitter site may be susceptible to high power densities that could cause personnel exposures in excess of the FCC guidelines. Wireless Licensees are required by law to implement the following:

- Restrict access
- Post notification signage on every access point to increase awareness of the potential for exposure BEFORE one enters an area with antennas.
- Place additional notification signage and visual indicators in an area with antennas (beyond an access point) where RF exposure levels may start to exceed the FCC’s limits.

		Percent MPE	
		General Population Limits	Occupational Limits
10x	4	5000% +	1000% +
Occupational	3	500% - 5000%	100% - 1000%
Occupational Limit	2	100% - 500%	20% - 100%
General Population Limit	1	0 - 100%	0% - 20%

RF Exposure Safety Program (RFSP) Categories 1-4 (IEEE Std C95.7-2014)

GENERAL EXPOSURE MANAGEMENT

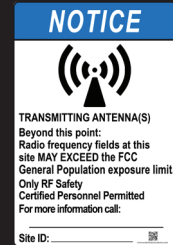
- Assume that all antennas are active
- Obey all posted signs
- Do not stop in front of any antenna
- Recognize the type of antenna and approach at the safest angle
- Contact wireless operator to coordinate access if required
- Signage will indicate where potential RF conditions exist
- Understand pathways of safe egress
- If needed and possible wear personal protection equipment
- When using a personal monitor, remember the time averaging limits and monitor alarm thresholds if working in front of antennas
- If experiencing symptoms of heat exhaustion or nausea, remove yourself from the worksite and seek medical attention
- Power density decreases with distance so maintain distance between you and the antennas. The greater the distance you are from an antenna the bigger the reduction of RF exposure you will receive

PROPERTY OWNER RESPONSIBILITIES (M.E.N.U.)

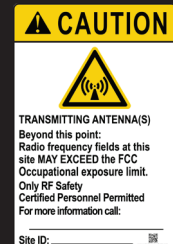
RF exposure safety and the protection of every licensee's infrastructure are very important. Property owners and licensees have a shared responsibility in maintaining a safe and secure RF environment. Property owners can help in this significant endeavor by:

- **M**aintaining all necessary wireless licensee contact information.
- **E**nforcing restricted access (help maintain a Controlled Environment). Ensuring all building/maintenance personnel are trained in RF Safety, aware that the potential for exposure exists, and follow all appropriate entry and safety procedures.
- **N**otifying all licensees when any non-carrier requests access to any area with antennas at least 24 hours in advance.
- **U**nderstanding that compliance with the FCC and OSHA can be achieved with RF Exposure levels above the applicable limit if the proper signage, physical/indicative barrier, and access restrictions are implemented. Commitment to compliance and willingness to cooperate are essential.

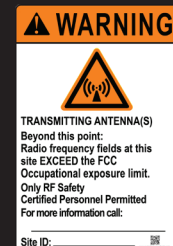
NOTIFICATION SIGNS



A blue Notice sign is posted when levels (beyond posted signage) may exceed General Population MPE limits.



A yellow Caution sign is posted when levels (beyond posted signage) may exceed Occupational MPE limits.



A orange Warning sign is posted when levels (beyond posted signage) exceed 10 times the Occupational MPE limits.

TYPES OF ANTENNAS

MICROWAVE ANTENNA

- Highly directional antenna model used for point to point communications
- Approach from the rear and sides. Do not stand or walk in front of microwaves as they transmit at a high frequency.



PANEL ANTENNA

- Range from 1 to 8 feet in length
- Sled mounted or to a support structure on site (Rooftop)
- Approach these antennas from the rear.



OMNI ANTENNA

- Omni antennas have the appearance of a rod-shaped pole and radiate in a 360° pattern around the pole.
- At the antenna level, there is no approach angle that is safer than another. Typically, emissions directly below the antenna are less than in front of the antenna.



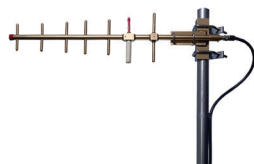
QUASI-OMNI ANTENNA

- Quasi-Omni antennas have the appearance of a cylinder and contain emitters that radiate in a 360° pattern around the pole.
- At the antenna level, there is no approach angle that is safer than another. Typically, emissions directly below the antenna are less than in front of the antenna.



YAGI ANTENNA

- Directional antenna model
- Approach from sides and rear.



RF SAFETY TRAINING CONTACTS

WATERFORD CONSULTANTS www.waterfordconsultants.com

EBI www.ebiconsulting.com

SITESAFE www.sitesafe.com

DTECH COMMUNICATIONS..... www.dtech.com



CONTACT US

Email: VZWRFCCompliance@vzw.com
Subject: "ATTN:RF Compliance"

For Emergency Maintenance:
1-800-264-6620

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