



March 18, 2026

Attn: Michelle Duarte, Site Acquisition Project Manager  
Centerline  
750 W Center Street  
West Bridgewater, MA 02379

Re: RF Compliance Summary Letter for Proposed Verizon Facility on Proposed Monopine  
Site Name: WOODSON BRIDGE  
Site Address: 3710 Squaw Hill Road, Corning, CA 96021

To whom it may concern:

This letter seeks to provide information regarding the proposed Verizon facility at the above referenced location. Centerline is a leader in the evaluation of such deployments for compliance with the Federal Communications Commission (FCC) Rules and Regulations regarding Radio Frequency Electromagnetic Energy (RF-EME).

The FCC defines two sets of maximum permissible exposure (MPE) limits—Occupational (Controlled) and General Population (Uncontrolled). Occupational limits apply in situations in which persons are exposed because of their employment and where those persons have undergone proper RF awareness training, have been made fully aware of the potential for exposure, and can exercise control over their exposure. General Population limits, conversely, apply to accessible areas where workers or the general public may be exposed and have not undergone RF awareness training, may not be aware of the potential for exposure, and may not be able to exercise control over their exposure. For the frequency bands the cellular carriers operate in, the General Population MPE limits are five times more conservative than the Occupational MPE limits. That is, there is a much stricter standard of compliance in areas that are accessible by the general public. For reference, see 47 CFR § 1.1307 and 1.1310 (as well as OET Bulletin 65) for the full federal code pertaining to regulations for evaluating and certifying compliance with respect to RF exposure.

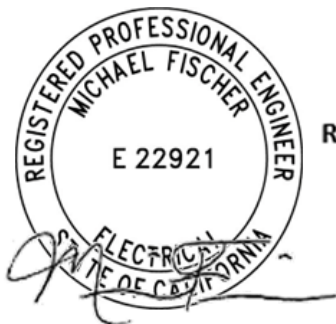
For this installation, Verizon is proposing to install (3) panel antennas on each of (4) sectors (total of (12) panel antennas) at a centerline height of 97-98.8' above ground level and (2) microwave dish antennas at a centerline height of 87' above ground level on a proposed monopine. There is capacity on the proposed monopole for one additional antenna array at the 77' level.

Centerline performed a predictive analysis of the proposed Verizon facility with one future carrier included as noted above. Based on the theoretical analysis, predictive exposure levels in all publicly accessible areas at ground level and at all adjacent structures will be below with the FCC General Population MPE limit by a substantial margin. Per the calculations, the maximum cumulative predictive exposure at ground level and at all adjacent structures from the proposed facility, including Verizon plus one additional carrier, is 7.01% of the General Population MPE limit.

The predictive exposure analysis is conservative in that it was completed using upper-limit parameters to yield a conservative theoretical analysis. Due to the use of such conservative calculations for purposes of the analysis, it should be noted that the exposure levels actually emitted by the antennas will be substantially less than the calculated results. If you have any questions, please contact me at [mfischer@clinellc.com](mailto:mfischer@clinellc.com).

Sincerely,

Michael Fischer, P.E.  
Director of Engineering  
Centerline



**Michael Fischer, P.E.**  
**Registered Professional Engineer (Electrical)**  
**California License Number 22921**  
**Expires September 30, 2027**

Signed 18 March 2026



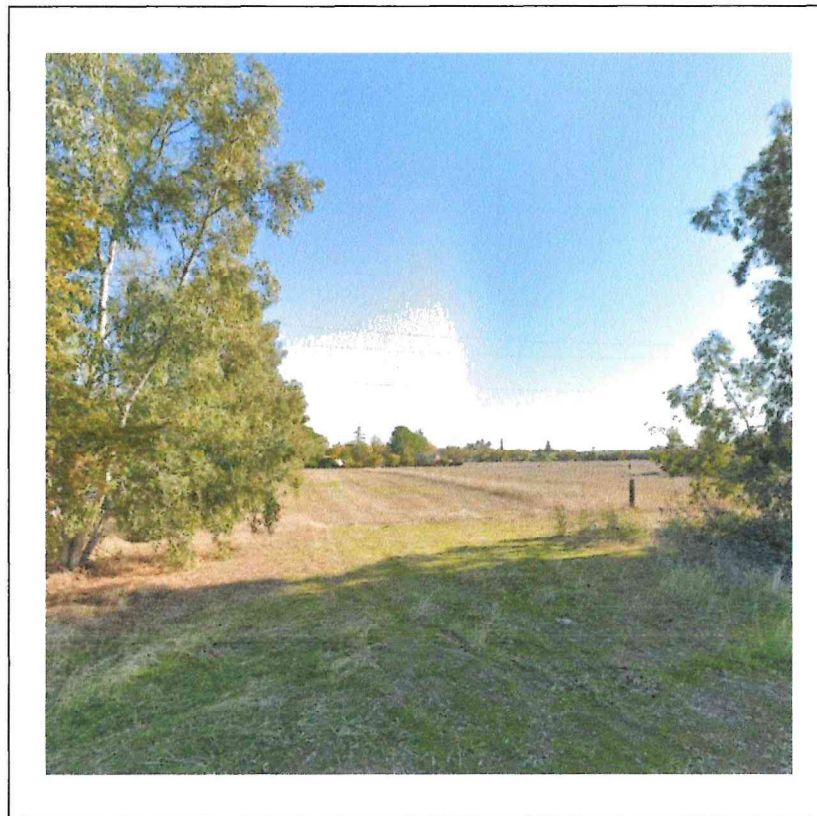
# CENTERLINE

## Radio Frequency Emissions Analysis Report

Verizon Wireless Monopole Facility

October 30, 2024

**Analysis Format:** Theoretical Calculations



**Site Name:** WOODSON BRIDGE

**Site ID:** 617358454

**Site Address:** 3710 Squaw Hill Rd, Corning, CA 96021

### Statement of Compliance

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Verizon Wireless is in compliance with FCC Regulations.

## Contents

1. Overview .....	3
2. Antenna Inventory.....	4
3. Mitigation Diagram.....	6
4. Compliance Actions .....	7
Appendix A: FCC Rules & Regulations .....	8
Appendix B: Certifications .....	9

## 1. Overview

Centerline has been contracted to provide a Radio Frequency (RF) analysis for the following Verizon Wireless facility to determine whether the facility is in compliance with federal regulations regarding RF emissions. The applicable federal regulations are detailed in Appendix A of this report. This analysis included theoretical emissions calculations for all Verizon Wireless equipment that will be installed at the site.

### Analysis Site Data

<b>Site ID:</b>	617358454
<b>Site Name:</b>	WOODSON BRIDGE
<b>Site Address:</b>	3710 Squaw Hill Rd, Corning, CA 96021
<b>Site Latitude:</b>	39.906011
<b>Site Longitude:</b>	-122.097219
<b>Facility Type:</b>	Monopole

### Compliance Summary

Based on the analysis, the proposed Verizon Wireless facility is compliant in all publicly accessible areas including at ground level. There are areas at the Verizon Wireless antenna level that have the potential to exceed the FCC exposure limits. The elevated areas at antenna level within the horizontal and vertical standoff distances depicted in the mitigation diagram in Section 3 should be restricted to authorized personnel who have completed RF safety awareness training.

## 2. Antenna Inventory

The table below details the antenna and operating parameter information for Verizon and any other co-located licensees considered in this analysis. Industry standards and/or engineering defaults were used when specific technical information was not available.

Sector	Operator	Antenna Make	Antenna Model	Frequency Band	Tx Power / Channel (watts)	Tx (#)	Gain (dbd)	ERP (watts)	Az (°)	Antenna Centerline Height (ft)
01	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	2	14.65	3500.91	10	97
01	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	10	97
01	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	10	97
01	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 1900	30	4	18.15	7837.57	10	97
01	Verizon Wireless	CommScope	NHH-45B-R2B	NR 1900	30	4	18.15	7837.57	10	97
02	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	4	14.65	3500.91	10	97
02	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	10	97
02	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	10	97
02	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	10	97
02	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	10	97
03	Verizon Wireless	Ericsson	AIR 6419	NR 3700	160	2	23.55	57563.87	10	98.8
04	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	2	14.65	3500.91	100	97
04	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	100	97
04	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	100	97
04	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 1900	30	4	18.15	7837.57	100	97
04	Verizon Wireless	CommScope	NHH-45B-R2B	NR 1900	30	4	18.15	7837.57	100	97
05	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	4	14.65	3500.91	100	97
05	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	100	97
05	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	100	97
05	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	100	97
05	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	100	97
06	Verizon Wireless	Ericsson	AIR 6419	NR 3700	160	2	23.55	57563.87	100	98.8
07	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	2	14.65	3500.91	190	97
07	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	190	97
07	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	190	97
07	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 1900	30	4	18.15	7837.57	190	97
07	Verizon Wireless	CommScope	NHH-45B-R2B	NR 1900	30	4	18.15	7837.57	190	97
08	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	4	14.65	3500.91	190	97
08	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	190	97
08	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	190	97
08	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	190	97
08	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	190	97
09	Verizon Wireless	Ericsson	AIR 6419	NR 3700	160	2	23.55	57563.87	190	98.8
10	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	2	14.65	3500.91	280	97

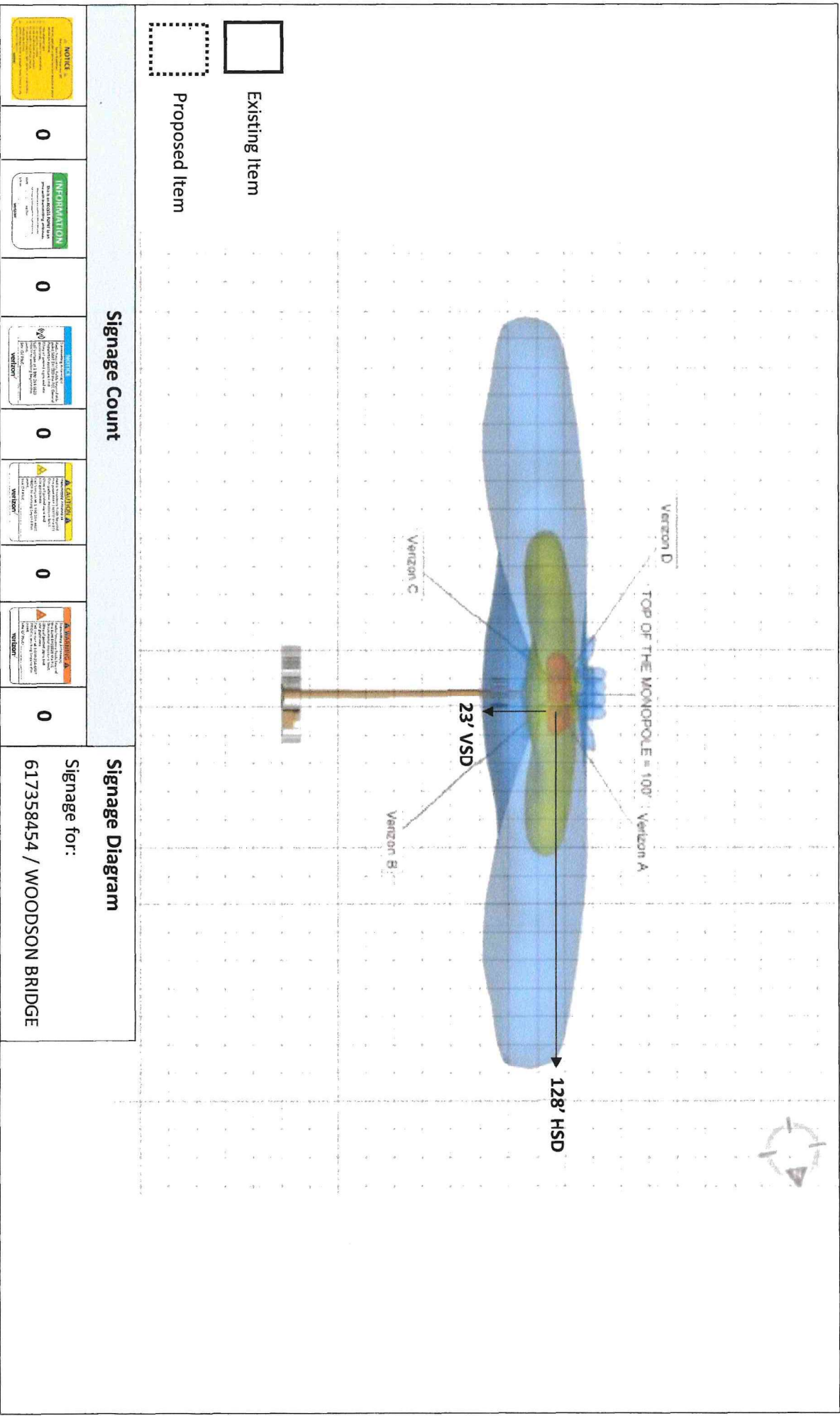


10	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	280	97
10	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	280	97
10	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 1900	30	4	18.15	7837.57	280	97
10	Verizon Wireless	CommScope	NHH-45B-R2B	NR 1900	30	4	18.15	7837.57	280	97
11	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 700	60	4	14.65	3500.91	280	97
11	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 850	30	2	15.35	2056.61	280	97
11	Verizon Wireless	CommScope	NHH-45B-R2B	NR 850	30	2	15.35	2056.61	280	97
11	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	280	97
11	Verizon Wireless	CommScope	NHH-45B-R2B	LTE 2100	30	4	18.15	7837.57	280	97
12	Verizon Wireless	Ericsson	AIR 6419	NR 3700	160	2	23.55	57563.87	280	98.8
13	Verizon Wireless	Generic	120cm Dish	18GHz	0.01	1	44.1	204.17	320	87
14	Verizon Wireless	Generic	100cm Dish	18GHz	0.01	1	42.5	177.83	180	87
15	Other	CommScope	NHH-45B-R2B	LTE 700	40	4	14.65	4667.88	0	77
15	Other	CommScope	NHH-45B-R2B	LTE 850	40	4	15.35	5484.28	0	77
16	Other	CommScope	NHH-45B-R2B	LTE 1900	40	4	18.15	10450.09	0	77
17	Other	CommScope	NHH-45B-R2B	LTE 2100	40	4	18.15	10450.09	0	77
18	Other	CommScope	NHH-45B-R2B	LTE 700	40	4	14.65	4667.88	120	77
18	Other	CommScope	NHH-45B-R2B	LTE 850	40	4	15.35	5484.28	120	77
19	Other	CommScope	NHH-45B-R2B	LTE 1900	40	4	18.15	10450.09	120	77
20	Other	CommScope	NHH-45B-R2B	LTE 2100	40	4	18.15	10450.09	120	77
21	Other	CommScope	NHH-45B-R2B	LTE 700	40	4	14.65	4667.88	240	77
21	Other	CommScope	NHH-45B-R2B	LTE 850	40	4	15.35	5484.28	240	77
22	Other	CommScope	NHH-45B-R2B	LTE 1900	40	4	18.15	10450.09	240	77
23	Other	CommScope	NHH-45B-R2B	LTE 2100	40	4	18.15	10450.09	240	77

Note: The ERP column reflects 80% duty cycle for Verizon TDD bands (NR 3700).

ATTACHMENT F

### 3. Mitigation Diagram



#### 4. Compliance Actions

In order to ensure the Verizon Wireless facility is compliant with FCC regulations, the following mitigation should be implemented:

Monopole	N/A
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## Appendix A: FCC Rules & Regulations

All information used in this report was analyzed as a percentage of the Maximum Permissible Exposure (% MPE) limits as detailed in 47 CFR § 1.1310 as well as Federal Communications Commission (FCC) OET Bulletin 65 Edition 97-01. The FCC MPE limits are typically expressed in units of milliwatts per square centimeter ( $\text{mW}/\text{cm}^2$ ) or microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The exposure limits vary depending upon the frequencies being utilized. The General Population/Uncontrolled MPE limit (in  $\text{mW}/\text{cm}^2$ ) for frequencies between 300 and 1500 is defined as frequency (in MHz) divided by 1500 ( $f_{\text{MHz}}/1500$ ). Frequencies between 1500 and 100,000 MHz have a General Population/Uncontrolled MPE limit of  $1 \text{ mW}/\text{cm}^2$  ( $1000 \mu\text{W}/\text{cm}^2$ ). The calculated power density at each sample point divided by the limit at each calculated frequency provides a result in % MPE. Summing the calculated % MPE from all contributors provides a cumulative % MPE at a particular sample point. Because exposure limits may vary for each frequency band, it is necessary to report % MPE rather than power density.

All results were compared to the FCC radio frequency exposure rules as detailed in 47 CFR § 1.1307(b) to determine compliance with the MPE limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits, as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means. Additional details can be found in FCC OET 65.

The FCC mandates that if a site is found to be out of compliance with regard to exposure, any system operator contributing 5% or more to areas exceeding the FCC's allowable limits will be responsible for bringing the site into compliance.

Additional details can be found in FCC OET 65.

## Appendix B: Certifications

I, Benjamin Black, preparer of this report certify that I am fully trained and aware of the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I have been trained in the procedures and requirements outlined in Verizon’s FCC Regulatory Compliance Manual.

Benjamin Black

10/30/2024

I, Michael Fischer, reviewer and approver of this report certify that I am fully trained and aware of the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I have been trained in the procedures and requirements outlined in Verizon’s FCC Regulatory Compliance Manual.



**Michael Fischer, P.E.**  
**Registered Professional Engineer (Electrical)**  
**California License Number 22921**  
**Expires September 30, 2025**

Signed 30 October 2024

ATTACHMENT F