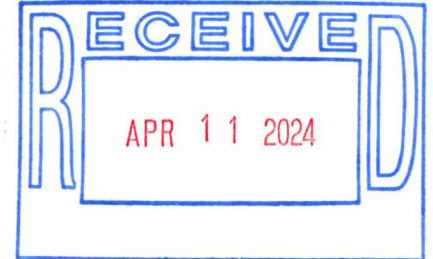


EMILY C. DEANS

1055 Washington Boulevard
Stamford, CT 06901-2249
Main (203) 462-7500
Fax (203) 462-7599
edeans@rc.com
Direct 203-462-7523

Via Electronic Filing

April 8, 2024



Jeffrey R. Gaudiosi, Esq.
Executive Secretary
Public Utilities Regulatory Authority
10 Franklin Square
New Britain, CT 06051

Re: **Docket No. 17-02-49: PURA Formalization of Small Cell Antenna Applicant Processes and Procedures to Construct Facilities in Connecticut's Public Rights-of-Way**

Motion No. 146: Motion of Cellco Partnership d/b/a Verizon Wireless for Approval of a Construction Plan to Install Wireless Facilities Within Certain Public Rights-of-Way – East Hampton SC01CT

Dear Mr. Gaudiosi:

In accordance with Order 1 of the Public Utilities Regulatory Authority's ("Authority") Decision dated December 12, 2018, in the above-referenced proceeding, Cellco Partnership d/b/a Verizon Wireless ("Cellco") hereby provides the Authority with notice that construction of the East Hampton SC01 CT Facility has been completed. Based on an internal audit of existing Authority approvals, Cellco discovered that construction of this facility was completed on August 29, 2019. We apologize for the delay in providing the Authority with this notice.

Construction of this installation deviates from the proposed project drawings in the respects noted herein. This installation was constructed with an Amphenol CUUD120X06F00S08R model antenna and a Samsung B2/B66A RRH-BR049 (RFV01U-D1A) model remote radio head instead of the antenna and remote radio head models noted in the lease exhibit provided as Attachment 1 to the Application.

Cellco has performed an updated radio frequency ("RF") emissions calculation for the modified small cell facility in the enclosed Far Field RF Emissions Analysis ("Far Field Analysis") and confirmed that the new equipment will operate well within the Federal Communications Commission ("FCC") standards for exposure to RF emissions (*See* 47 CFR

29259275-v1

Robinson+Cole

Jeffrey R. Gaudiosi, Esq.
April 8, 2024
Page 2



§1.1310).¹ The calculation indicates that the MPE level for the Facility would be 0.7% of the FCC's standard.

I certify that a copy hereof has been provided to the Office of Consumer Counsel and the Department of Energy and Environmental Protection via electronic mail. A copy has also been filed with the Authority as an electronic web filing and is complete.

Please do not hesitate to contact me if you have any questions or require additional information. Thank you.

Sincerely,

Kenneth C. Baldwin

Enclosure

Copy to: Service List (w/ enclosure)

¹ The Far Field Analysis is used to ensure compliance with the FCC's standards for exposure to RF emissions from wireless telecommunications facilities like the Facility (47 CFR §1.1310). The calculation performed in the Far Field Analysis is a RF emissions calculation for the proposed Facility according to the methodology prescribed by the FCC Office of Engineering and Technology Bulletin No. 65 (OET Bulletin 65) (August 1997).

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.1310 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period;
3. calculation takes into account a point of interest of 2m or 6.56ft

| Location | EAST_HAMPTON_SC01_CT | | | | | |
|--|----------------------|-------|-------|-------|------------|------------|
| Date | 4/2/2024 | | | | | |
| Band | C-Band | CBRS | AWS | PCS | 850 | 700 |
| Operating Frequency (MHz) | 3,700 | 3,550 | 2,145 | 1,970 | 880 | 746 |
| General Population MPE (mW/cm ²) | 1 | 1 | 1 | 1 | 0.58666667 | 0.49733333 |
| ERP Per Transmitter (Watts) | 0 | 0 | 180 | 0 | 0 | 0 |
| Number of Transmitters | 0 | 0 | 4 | 0 | 0 | 0 |
| Antenna Centerline (CL) (feet) | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| Total ERP (dBm) | 0 | 0 | 641 | 0 | 0 | 0 |
| Maximum % of General Population Limit | #N/A | #N/A | 58 | #N/A | #N/A | #N/A |
| | | | | | | 0.7% |

RF Exposure 6.56ft Above Ground Level Far Field Formula (per FCC OET65)

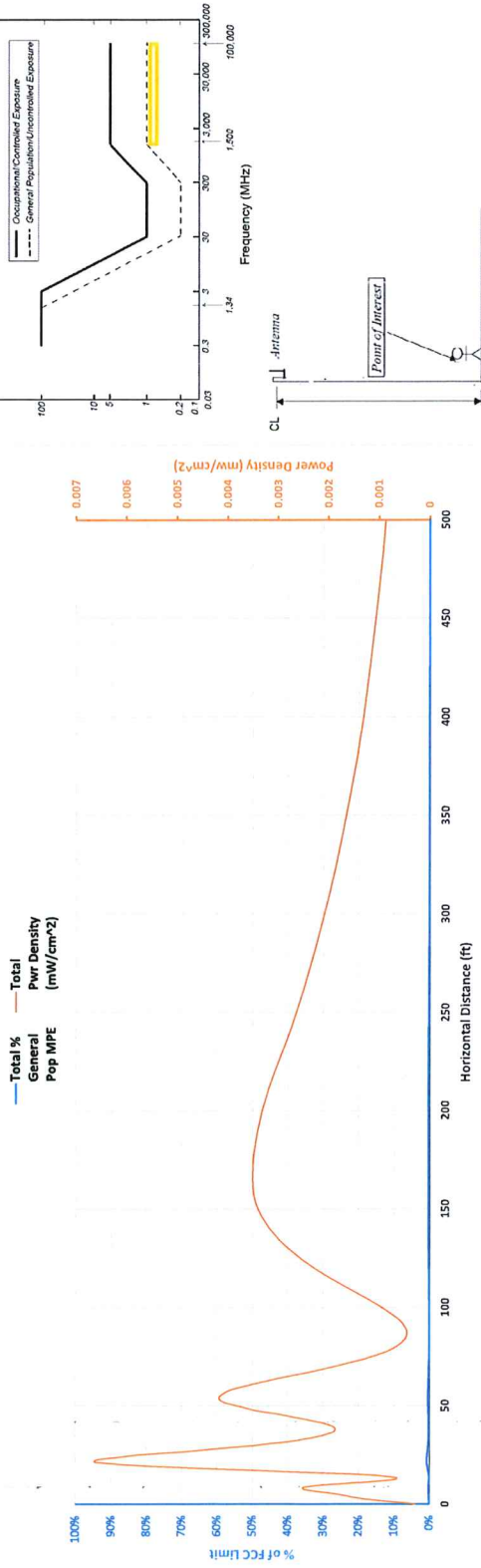
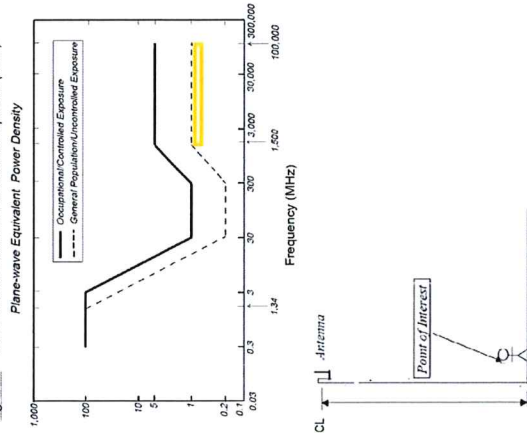


Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)



| Angle Below Horizon | Power Density (mW/cm ²) | | | | | | Percent of General Population MPE | | | | | | Total % General Pop MPE | | | |
|---------------------|-------------------------------------|------|-------------|-----|---------|---------|-----------------------------------|-------|-------|-------|----------|-------|-------------------------|-------------|-------------|---|
| | C-Band | CBRS | AWS | PCS | 850-LTE | 700 MHz | C-Band | CBRS | AWS | PCS | Cellular | CDMA | | 700 MHz | Distance | Total Pwr Density (mW/cm ²) |
| 90 | 0 | 0 | 0.000269617 | 0 | 0 | 0 | 0.00% | 0.00% | 0.03% | 0.00% | 0.00% | 0.00% | 0.00% | 0 | 0.000269617 | 0.03% |
| 89 | 0 | 0 | 0.000417455 | 0 | 0 | 0 | 0.00% | 0.00% | 0.04% | 0.00% | 0.00% | 0.00% | 0.00% | 0.520160935 | 0.000417455 | 0.04% |
| 88 | 0 | 0 | 0.000631244 | 0 | 0 | 0 | 0.00% | 0.00% | 0.06% | 0.00% | 0.00% | 0.00% | 0.00% | 1.040631244 | 0.000631244 | 0.06% |
| 87 | 0 | 0 | 0.000869881 | 0 | 0 | 0 | 0.00% | 0.00% | 0.08% | 0.00% | 0.00% | 0.00% | 0.00% | 1.561751893 | 0.000869881 | 0.08% |
| 86 | 0 | 0 | 0.001092816 | 0 | 0 | 0 | 0.00% | 0.00% | 0.11% | 0.00% | 0.00% | 0.00% | 0.00% | 2.083838986 | 0.001092816 | 0.11% |
| 85 | 0 | 0 | 0.001280289 | 0 | 0 | 0 | 0.00% | 0.00% | 0.13% | 0.00% | 0.00% | 0.00% | 0.00% | 2.607162173 | 0.001280289 | 0.13% |
| 84 | 0 | 0 | 0.001431503 | 0 | 0 | 0 | 0.00% | 0.00% | 0.14% | 0.00% | 0.00% | 0.00% | 0.00% | 3.132106211 | 0.001431503 | 0.14% |
| 83 | 0 | 0 | 0.001527563 | 0 | 0 | 0 | 0.00% | 0.00% | 0.15% | 0.00% | 0.00% | 0.00% | 0.00% | 3.658979915 | 0.001527563 | 0.15% |
| 82 | 0 | 0 | 0.001629024 | 0 | 0 | 0 | 0.00% | 0.00% | 0.16% | 0.00% | 0.00% | 0.00% | 0.00% | 4.188116874 | 0.001629024 | 0.16% |
| 81 | 0 | 0 | 0.001736106 | 0 | 0 | 0 | 0.00% | 0.00% | 0.17% | 0.00% | 0.00% | 0.00% | 0.00% | 4.718856322 | 0.001736106 | 0.17% |
| 80 | 0 | 0 | 0.001848903 | 0 | 0 | 0 | 0.00% | 0.00% | 0.18% | 0.00% | 0.00% | 0.00% | 0.00% | 5.254544035 | 0.001848903 | 0.18% |
| 79 | 0 | 0 | 0.001967386 | 0 | 0 | 0 | 0.00% | 0.00% | 0.20% | 0.00% | 0.00% | 0.00% | 0.00% | 5.795333112 | 0.001967386 | 0.20% |
| 78 | 0 | 0 | 0.002142055 | 0 | 0 | 0 | 0.00% | 0.00% | 0.21% | 0.00% | 0.00% | 0.00% | 0.00% | 6.334155538 | 0.002142055 | 0.21% |
| 77 | 0 | 0 | 0.002339847 | 0 | 0 | 0 | 0.00% | 0.00% | 0.23% | 0.00% | 0.00% | 0.00% | 0.00% | 6.879720996 | 0.002339847 | 0.23% |
| 76 | 0 | 0 | 0.002474991 | 0 | 0 | 0 | 0.00% | 0.00% | 0.25% | 0.00% | 0.00% | 0.00% | 0.00% | 7.429974465 | 0.002474991 | 0.25% |
| 75 | 0 | 0 | 0.002609906 | 0 | 0 | 0 | 0.00% | 0.00% | 0.25% | 0.00% | 0.00% | 0.00% | 0.00% | 7.984869594 | 0.002609906 | 0.25% |
| 74 | 0 | 0 | 0.002484027 | 0 | 0 | 0 | 0.00% | 0.00% | 0.25% | 0.00% | 0.00% | 0.00% | 0.00% | 8.545012496 | 0.002484027 | 0.25% |
| 73 | 0 | 0 | 0.002346965 | 0 | 0 | 0 | 0.00% | 0.00% | 0.23% | 0.00% | 0.00% | 0.00% | 0.00% | 9.110774307 | 0.002346965 | 0.23% |
| 72 | 0 | 0 | 0.002162111 | 0 | 0 | 0 | 0.00% | 0.00% | 0.21% | 0.00% | 0.00% | 0.00% | 0.00% | 9.682606948 | 0.002162111 | 0.21% |
| 71 | 0 | 0 | 0.001795522 | 0 | 0 | 0 | 0.00% | 0.00% | 0.18% | 0.00% | 0.00% | 0.00% | 0.00% | 10.26069288 | 0.001795522 | 0.18% |

