

RF RADIATION EXPOSURE

WEST PALM BEACH, FLORIDA

AUGUST 28, 2021

The proposed antenna system is an Alive Telecom model ATC-BCE512CSD-V3-19 elliptically polarized slot antenna system with 1.25 degrees electrical beam tilt. The maximum relative field in the elevation pattern across the depression angle range of 15 to 90 degrees is less than 0.15 with a radiation center 142.6 meters above ground. Utilizing formula 10 OF OET Bulletin No. 65, Edition 97-01, a value F of 0.15 has been used to calculate the power density 2 meters above ground. The maximum power density is 0.74 uw/cm squared calculated for an ERP of 15,000 watts H. polarization and 4,500 watts vertical polarization. This is a correction to the previously submitted power density. This value is 0.22% of the Public Exposure MPE per section 1.1310. Based on this analysis it is believed that the proposed facility is in compliance with OET-65 Guidelines.

The applicant will reduce power or cease transmission as required to meet FCC OET-65 Guidelines.

The proposed tower and building are existing with access and power.

The foregoing was prepared on behalf of H&R Production group, LLC by Clarence M. Beverage of Communications Technologies, Inc., Medford, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The undersigned certifies, under penalty of perjury, that the statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



Clarence M. Beverage
for Communications Technologies, Inc.
Medford, New Jersey
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