

## **CONSTRUCTED POST-AUCTION FACILITY**

The WPRI-DT Channel 7 post-auction facility was built-out pursuant to the underlying construction permit (File No. 0000028410) with the exception that the station will operate with a Dielectric model THV-8A7/CP-R O4 (SP) antenna instead of the authorized Dielectric model THV-5A7-R O4 antenna. The THV-8A7/CP-R O4 (SP) and THV-5A7-R O4 model antennas have the exact same azimuth pattern (omni-for-omni swap); however, the THV-8A7/CP-R O4 (SP) antenna has more bays than the THV-5A7-R O4 antenna which will result in the antenna height radiation center increasing by 1.8 m from the authorized height of 287.3 m AGL to the actual height of 289.1 m AGL. This slight change in height is being requested via this license application to cover the WPRI-DT Channel 7 post-auction construction permit pursuant to Section 73.1690(c)(1) of the FCC Rules in lieu of a two-step process requiring a minor modification of construction permit application followed by a license to cover application since it is within the +2/-4 m tolerance. The F(50,90) 36.0 dBu protected noise limited contour is essentially unchanged as can be seen in the map below (Page 2) and the attached TVStudy demonstrates that the slight height increase in radiation center will not result in impermissible interference to any station and the station will accept any inbound interference as a result of the slight height increase. The construction permit does not disclose the antenna polarization to be operated with by the post-auction facility; however, the application for construction permit with which the authorization was based on indicated that the station would operate with horizontal polarization.

**It is hereby noted that the WPRI-DT Channel 7 post-auction facility shall operate using Circular Polarization** where the Vertical Component shall not exceed the Horizontal Component in any azimuthal direction.

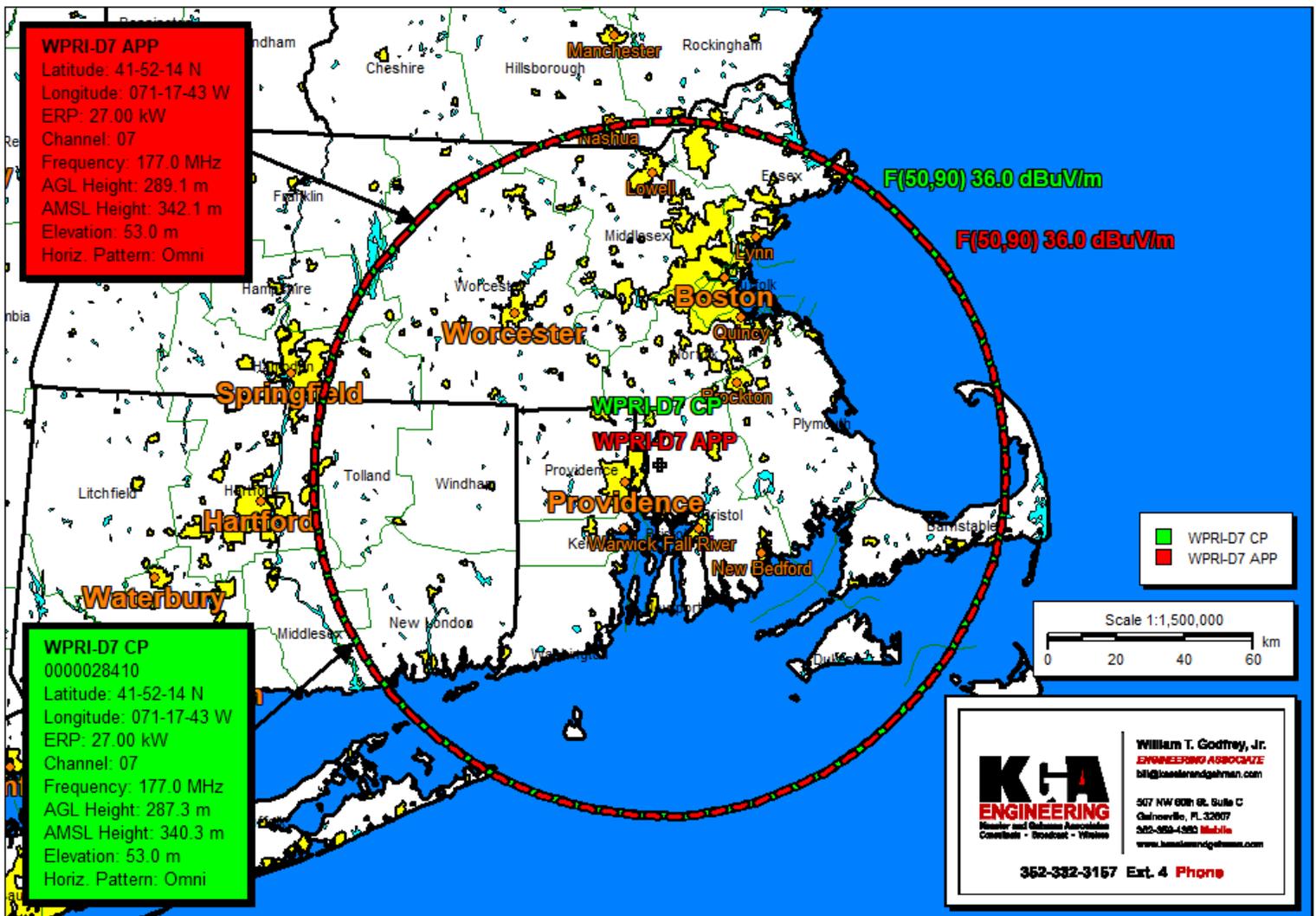
## **CERTIFICATION**

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under

penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

*William T. Godfrey, Jr.*  
WILLIAM T. GODFREY, JR., CBT  
Engineering Associate

31 July, 2019



WPRI-DT Channel 7 CP (Green) vs. WPRI-DT Channel 7 License to Cover APP (Red)