



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

**APPLICATION FOR
SPECIAL TEMPORARY
AUTHORITY OF A DIGITAL
TELEVISION
TRANSLATOR
BROADCAST STATION**

CALL SIGN: W25FP-D
FACILITY ID: 23945
LOCATION: YOUNG HARRIS, GA

Prepared For:

Georgia Public Telecommunications
Commission
260 Fourteenth Street, NW
Atlanta, GA 30318

Prepared By:

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June 15, 2021

1.0 REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Kessler and Gehman Associates, Inc. has been authorized by Georgia Public Telecommunication Commission, licensee of W25FP-D to prepare an engineering Special Temporary Authority (STA) to operate with parameters which deviate from the underlying License¹. Specifically, it is requested to temporarily operate at 50% power as per the request of the local forest service which owns the support structure for W25PF-D. The structure was originally built as an observation tower open to public access for tourism. After some period using it as intended, the tower was closed to the public and converted into a telecommunications facility for various wireless services. The forest service is currently conducting studies to re-open the observation tower for its original intended purpose and has specifically requested that W25PF-D reduce its power by 50% while they investigate their options which may result in moving all the wireless carriers to a new location in the future.

The instant STA is in the public interest since it will allow W25FP-D to commence broadcasting at 50% power in lieu of requesting a silent STA while the forest service studies the location for future use.

2.0 COVERAGE CONTOUR AND TVSTUDY ALLOCATION ANALYSIS

Appendix A demonstrates the 51 dB μ V/m protected contours of the proposed STA facility and its associated main licensed facility. The protected contours were calculated from the effective radiated power and antenna height above average terrain, using the F(50,90) signal propagation method specified in Section 74.792(a)(3). Appendix A illustrates that the proposed STA contour is fully subsumed by the licensed contour and is thus fully compliant.

¹ FCC File No.: 0000136498

3.0 CERTIFICATION

The foregoing statement and the report regarding the aforementioned engineering work are true and correct to the best of my knowledge. Executed on June 15, 2021.

Ryan Wilhour



Consulting Engineer

APPENDIX A – Section 74.792 Protected Contour Map

