



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF A REQUEST FOR A
SPECIAL TEMPORARY AUTHORIZATION (STA)
TO MAKE TRANSITION USING AN INTERIM ANTENNA
PENDING INSTALLATION OF THE MAIN ANTENNA
WTLH - BAINBRIDGE, GEORGIA
DTV - CH. 19 - 560 kW - 501 m HAAT**

Prepared for: NEW AGE MEDIA OF TALLAHASSEE LICENSE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, No. 7418, and in New York State, No. 63418.

GENERAL

This office has been authorized by NEW AGE MEDIA OF TALLAHASSEE LICENSE, LLC, licensee of WTLH, facility ID number 23486, licensed to Bainbridge, Georgia, to prepare this statement and associated exhibits in support of a request for STA to transition to channel 19 using an interim temporary antenna. WTLH has installed its permanent main transmitter but is not able to secure the installation of its authorized main antenna prior to the phase 8 completion date, March 13, 2020. Therefore, WTLH herein requests authorization to make its transition using a temporary interim operation using an interim antenna. Once the main antenna, as authorized by construction permit, file number 0000105738, is installed and operational WTLH will be ready to license and commence operation on its final post transition broadcast facility.

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WTLH site. The applicant does recognize its responsibility to remedy complaints of interference that might result from this proposal in accordance with applicable Rules.

RADIO FREQUENCY IMPACT, SAFETY & STATEMENT OF COMPLIANCE

The licensee of WTLH is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WTLH antenna and will reduce power or cease operation, when necessary, to ensure protection to personnel.

As shown in Appendix A the proposed WTLH channel 19 post-transition interim STA facility proposed herein will operate with a maximum ERP of 560 kW from an elliptically polarized directional transmitting antenna with a centerline height of 502 meters above ground level (AGL). Considering the elevation pattern submitted elsewhere in this application, the vertical plane relative field factor is less than 0.200 at all depression angles greater than 8 degrees. The proposed WTLH STA facility is predicted to produce a worst-case power density at two meters above ground level, at 419.5 meters from the tower base, of $0.394 \mu\text{W}/\text{cm}^2$, which is 0.12% of the FCC guideline value of $335.33 \mu\text{W}/\text{cm}^2$ for an "uncontrolled" environment, and 0.024% of the FCC's guideline value for "controlled" environments. Therefore, pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would not exceed 5% of the uncontrolled and controlled exposure limits, the proposal's power density contribution is considered insignificant.

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SUMMARY

It is submitted that the instant request for STA for WTLH to make its transition to channel 19 using a temporary interim antenna facility until the authorized permanent main antenna can be installed, as described herein, does comply with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: March 5, 2020



John E. Hidle, P.E.

