



**Kessler and Gehman Associates**  
Consultants • Broadcast • Wireless

**SPECIAL  
TEMPORARY AUTHORITY  
FOR WVPB-TV TO  
CHANNEL SHARE WITH  
WOWK-TV**

**CALL SIGN: WVPB-TV  
FACILITY ID: 71657  
LOCATION: HUNTINGTON, WV**

***Prepared For:***

West Virginia Educational  
Broadcasting Authority  
600 Capitol Street  
Charleston, WV 25301

***Prepared By:***

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Sept. 17, 2020

## **1.0 BACKGROUND**

Kessler and Gehman Associates, Inc. has been authorized by West Virginia Educational Broadcasting Authority, licensee of WVPB-TV, to prepare a technical statement in support of a Special Temporary Authority (STA) requesting a channel sharing arrangement with WOWK-TV<sup>1</sup>. WVPB-TV is currently operating via a Legal STA<sup>2</sup> on channel 34 which expires September 30, 2020. WVPB-TV has a construction permit<sup>3</sup> (CP) to operate on channel 9 and is currently waiting for delivery and installation of the CP antenna which will happen after the expiration of the channel 34 STA. It is herein proposed to relinquish channel 34 as mandated and channel share with WOWK-TV until the channel 9 CP construction is finished and ready to be brought online. WVPB-TV has entered into a channel sharing agreement with WOWK-TV to operate pursuant to the technical parameters found in FCC File No.: 0000117991.

The grant of the instant Channel Sharing STA will allow WVPB-TV to relinquish its pre-transition channel as mandated and allow it to continue providing service to viewers with minimal disruption. The instant STA serves the public interest since it keeps WVPB-TV on the air in lieu of going silent until the CP construction is complete.

## **2.0 ALLOCATION ANALYSIS AND COVERAGE CONTOUR**

An allocation study is not provided since WOWK-TV is a licensed facility and its transmitter properties are not being modified to accommodate WVPB-TV.

Appendix A demonstrates that the permitted WVPB-TV 36.0 dB $\mu$ V/m F(50,90) noise limited contour is completely subsumed by the WOWK-TV 36.0 dB $\mu$ V/m

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<sup>1</sup> Facility ID 23342, FCC File No.: 0000117991

<sup>2</sup> FCC File No: 0000121204

<sup>3</sup> FCC File No.: 0000034622

F(50,90) licensed noise limited contour thus providing 100% coverage of the WVPB-TV CP facility.

### **3.0 RF EXPOSURE ANALYSIS**

The proposed Channel Sharing Agreement will utilize the existing licensed technical facilities for WOWK-TV. Accordingly, grant of the authorization will have no significant environmental effect.

### **4.0 CERTIFICATION**

I, Ryan Wilhour, am an engineering associate of Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and have been working in the field of radio and television broadcast consulting since 1996. The foregoing statement and the report regarding the aforementioned engineering work are true and correct to the best of my knowledge.

Ryan Wilhour



Consulting Engineer  
September 17, 2020

APPENDIX A – Noise Limited Coverage Contour

