

**ENGINEERING STATEMENT
FOX TELEVISION STATIONS, LLC
TELEVISION STATION WRBW, ORLANDO, FL
FCC FILE NUMBER 0000215879**

APPLICATION TO CONTINUE OPERATING AN ATSC 3.0 NEXT GEN TV STATION

This statement supports an application by FOX Television Stations, LLC, licensee of licensee of full power television station WRBW, FCC file number 0000215879, to modify its recently granted license to reflect continued operation as an ATSC 3.0 ("3.0") Next Gen TV station.

Applicant has already been granted authorization to operate WRBW as a 3.0 station (see FCC File Number 0000143935). Applicant recently made a minor modification to its facility by changing the make and model of the antenna. Modifications have been completed and a license has been granted under FCC File Number 0000215879. Applicant now seeks to modify the granted license to reflect continued operation as a 3.0 station.

WRBW partnered with television station WOFL, also licensed to FOX Television Stations, LLC, to host and simulcast its primary channel programming in the current digital television standard ATSC 1.0 ("1.0"), so that viewers without the ability to receive 3.0 will continue to receive WRBW's primary broadcast service.

Simultaneously with the change of the antenna for WRBW, its 1.0 host station, WOFL, also changed the make and model of their antenna. For both stations the antenna pattern did not change and remains non-directional for both stations. Additionally, the height of the radiation center above mean sea level changed less than one meter for both stations. Coverage, therefore, for either station remains virtually the same to that previously authorized.

The purpose of this exhibit is to reconfirm compliance with the rules concerning the coverage requirements of WRBW's 1.0 signal while continuing to be a 3.0 station.

WRBW will continue to provide service over its entire city of license, Orlando, FL, with WOFL hosting the WRBW 1.0 signal. Both WRBW and WOFL are licensed to serve the Orlando - Daytona Beach - Melbourne, Florida, DMA.¹

WRBW's proposed 3.0 coverage contour will remain almost identical to the 1.0 contour hosted by WOFL. The coverage contour of the host simulcast 1.0 station, WOFL, continues to closely replicate the 3.0 coverage contour of WRBW. WRBW will transmit both its 1.0 and 3.0 signals in compliance with the rules.²

As requested by 47 CFR §73.3801(f)(6)(ii) of the Rules:

- A. The population within the noise limited service contour predicted to receive service from WRBW as currently licensed is 3,939,483.
- B. The population within the noise limited service contour predicted to receive service from WOFL, the 1.0 host, is 3,993,608. WRBW will experience no loss of its 1.0 service as a result of the simulcasting arrangement.
- C. The 1.0 simulcast signal aired on host station WOFL will serve at least 95 percent of the population in paragraph (A) above.

With WRBW continuing to serve more than 95% of its current population by 1.0 host WOFL this application should be eligible for expedited processing.³

¹ 47 CFR §73.3801(c)

² 47 CFR §73.682(f)

³ 47 CFR §73.3801(f)(5)