

## Loss Area Showing

### WTPX-TV – Antigo, Wisconsin

Facility ID: 86496

The proposed facilities will create a noise-limited service contour (NLSC) loss area. Using the predicted NLSC service contours shows a small, sparsely populated service loss area of 688.06 sq. miles and approximately 6,430 viewers. The predicted service loss will not create any white areas or gray areas.

Indeed, as indicated in Figure 1, using other relevant stations' current facilities, the vast majority of the loss area will continue to be served by five or more full-power over-the-air stations and is deemed well served under the Commission's rules.<sup>1</sup> The Commission's standard contour prediction methodology indicates that two small areas will continue to be served by only four signals.

Application of Longley-Rice analysis to the NLSC contours of the stations involved demonstrates that all of the predicted loss area will continue to be served by either WTPX-TV or other area stations.<sup>2</sup>

As demonstrated by Figure 2, again using other stations' current licensed facilities and applying Longley-Rice methodology to other area stations, (1) the area to the northwest that previously was predicted to receive only four signals also will receive a strong signal from WYOW(TV), Eagle River, Wisconsin; and (2) the area to the northeast previously predicted to receive only four signals also will receive a strong signal from WJFW-TV, Rhinelander, Wisconsin. Thus, each of these areas also should be deemed well-served under the Commission's rules.

As demonstrated by Figures 3 and 4, the same results are obtained when the analysis considers each station's post-auction facilities.

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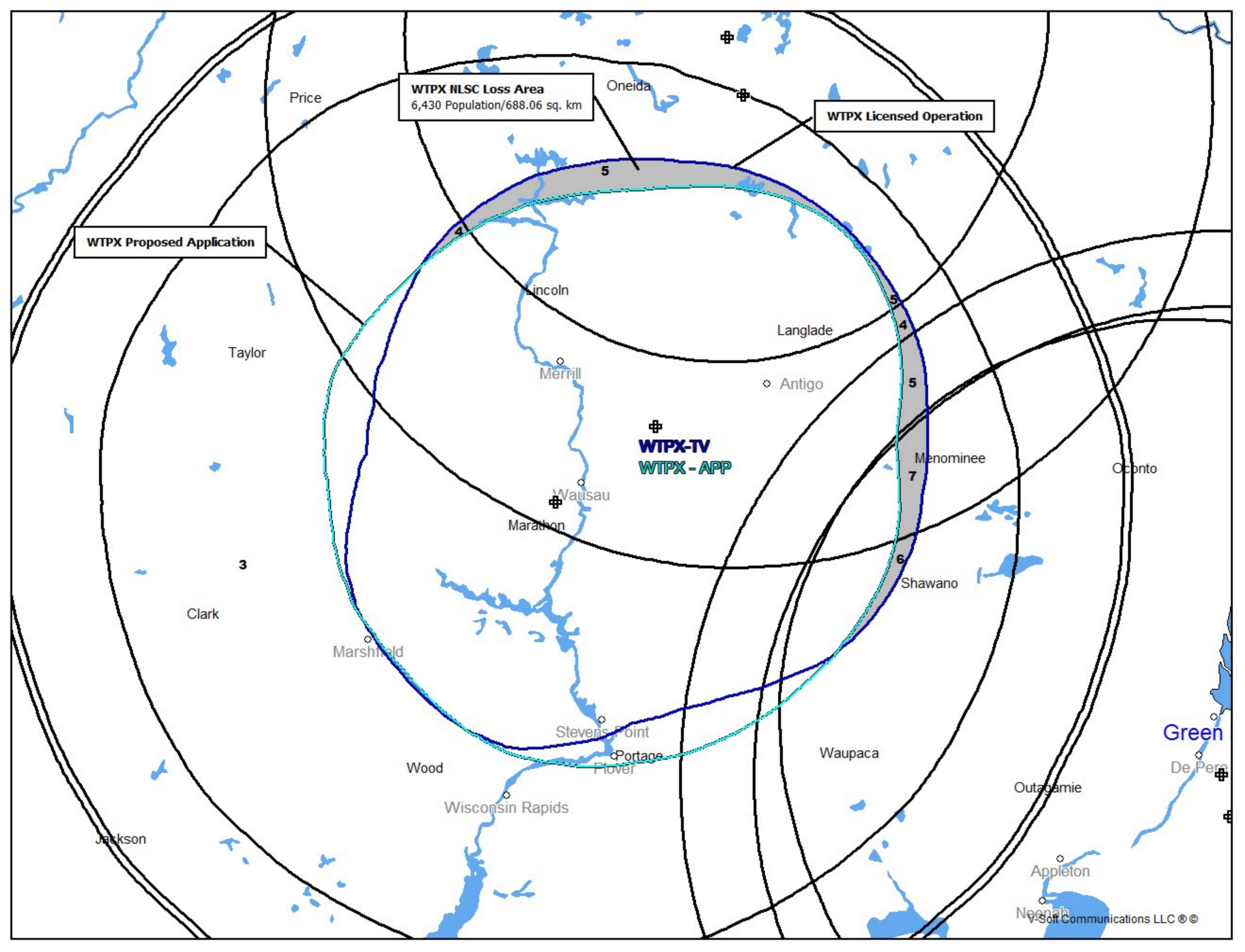
<sup>1</sup> See *Television Satellite Stations*, 6 FCC Rcd at 4215.

<sup>2</sup> See Letter from W. Kenneth Ferree, Chief, Media Bureau, to KNTV License, Inc., et al., DA 04-2523, released Aug. 13, 2004.

Figure 1

Loss Area Based on Standard Contour Prediction Methodology

(Current Facilities for Relevant Stations)

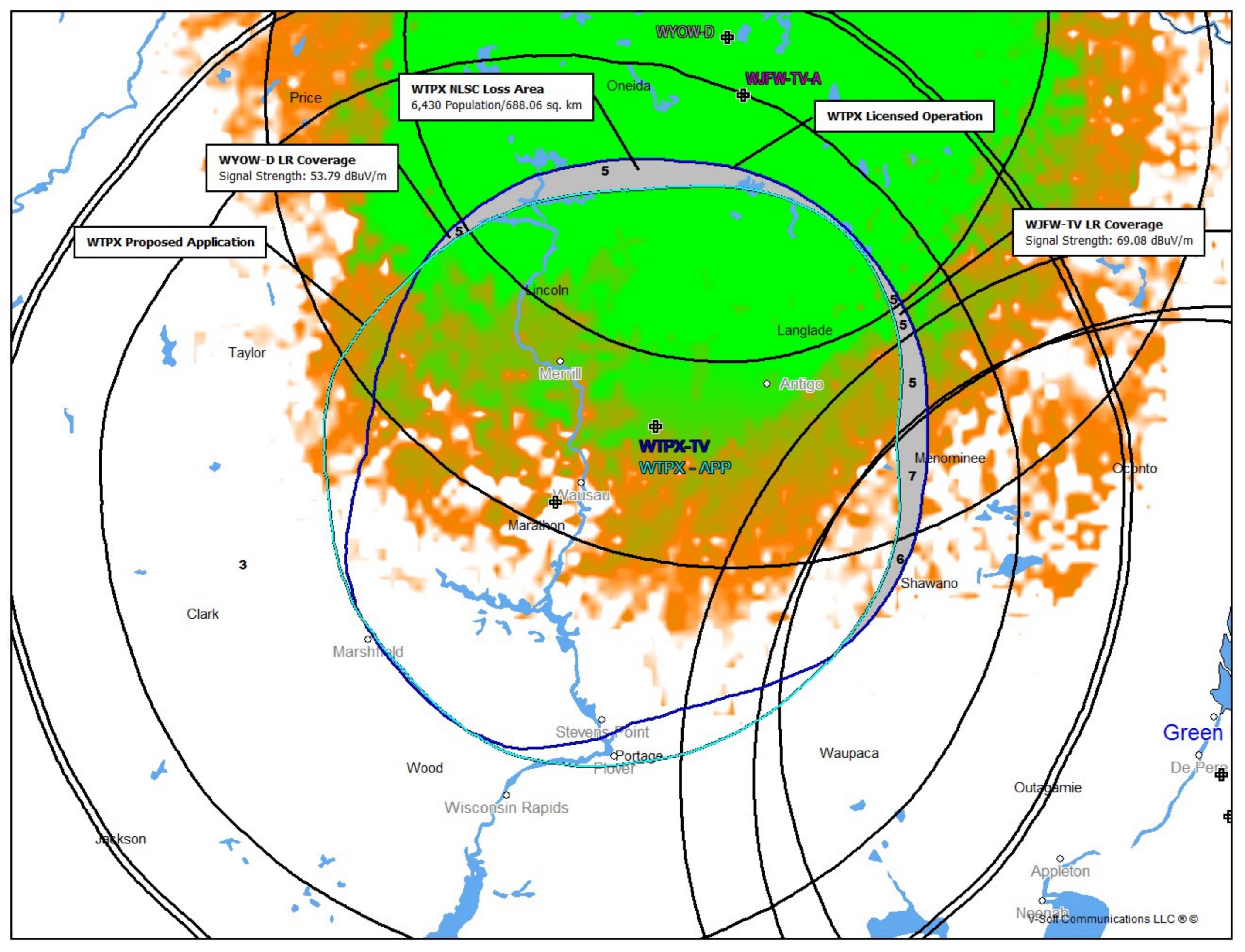


**Tabulation of other NLSC Services Available to WTPX Loss Areas**

<b><u>Call Sign</u></b>	<b><u>Channel</u></b>	<b><u>City</u></b>	<b><u>State</u></b>
WSAW-TV	7	Wausau	WI
WAOW	9	Wausau	WI
WHRM-TV	24	Wausau	WI
WJFW-TV	16	Rhineland	WI
WBAY-TV	23	Green Bay	WI
WCWF-D	21	Suring	WI
WPNE-TV	42	Green Bay	WI
WYOW-D	28	Eagle River	WI

Figure 2

Loss Area Considering Longley-Rice Contour Prediction Methodology for other Area Stations  
(Current Facilities for Relevant Stations)



**WTPX NLSC Loss Area**  
6,430 Population/688.06 sq. km

**WYOW-D LR Coverage**  
Signal Strength: 53.79 dBuV/m

**WTPX Licensed Operation**

**WJFW-TV LR Coverage**  
Signal Strength: 69.08 dBuV/m

**WTPX Proposed Application**

**WTPX-TV**  
**WTPX - APP**

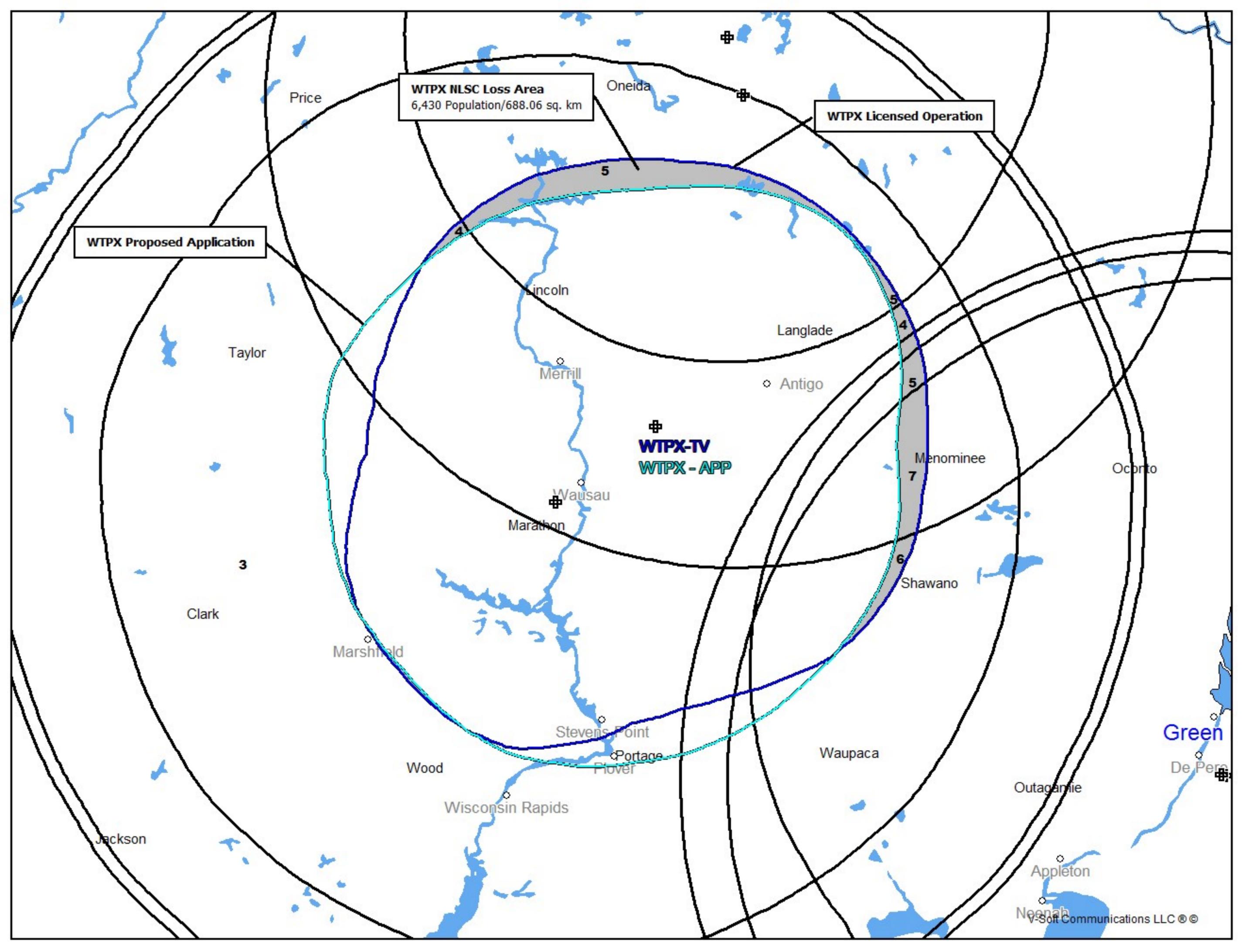
**Tabulation of other NLSC Services Available to WTPX Loss Areas**

<b><u>Call Sign</u></b>	<b><u>Channel</u></b>	<b><u>City</u></b>	<b><u>State</u></b>
WSAW-TV	7	Wausau	WI
WAOW	9	Wausau	WI
WHRM-TV	24	Wausau	WI
WJFW-TV	16	Rhineland	WI
WBAY-TV	23	Green Bay	WI
WCWF-D	21	Suring	WI
WPNE-TV	42	Green Bay	WI
WYOW-D	28	Eagle River	WI

Figure 3

Loss Area Based on Standard Contour Prediction Methodology

(Post-Auction Facilities for Relevant Stations)



WTPX NLSC Loss Area  
6,430 Population/688.06 sq. km

WTPX Licensed Operation

WTPX Proposed Application

WTPX-TV  
WTPX - APP

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<b><u>Call Sign*</u></b>	<b><u>Channel</u></b>	<b><u>City</u></b>	<b><u>State</u></b>
WSAW-TV	7	Wausau	WI
WAOW	9	Wausau	WI
WHRM-TV	24	Wausau	WI
WJFW-TV	16	Rhineland	WI
WBAY-TV	23	Green Bay	WI
WCWF-D.C	15	Suring	WI
WPNE-TV	25	Green Bay	WI
WYOW-D	28	Eagle River	WI

\*Post auction authorization

Figure 4

Loss Area Considering Longley-Rice Contour Prediction Methodology for other Area Stations  
(Post-Auction Facilities for Relevant Stations)



**Tabulation of other NLSC Services Available to WTPX Loss Areas**

<b><u>Call Sign*</u></b>	<b><u>Channel</u></b>	<b><u>City</u></b>	<b><u>State</u></b>
WSAW-TV	7	Wausau	WI
WAOW	9	Wausau	WI
WHRM-TV	24	Wausau	WI
WJFW-TV	16	Rhineland	WI
WBAY-TV	23	Green Bay	WI
WCWF-D.C	15	Suring	WI
WPNE-TV	25	Green Bay	WI
WYOW-D	28	Eagle River	WI

\*Post auction authorization