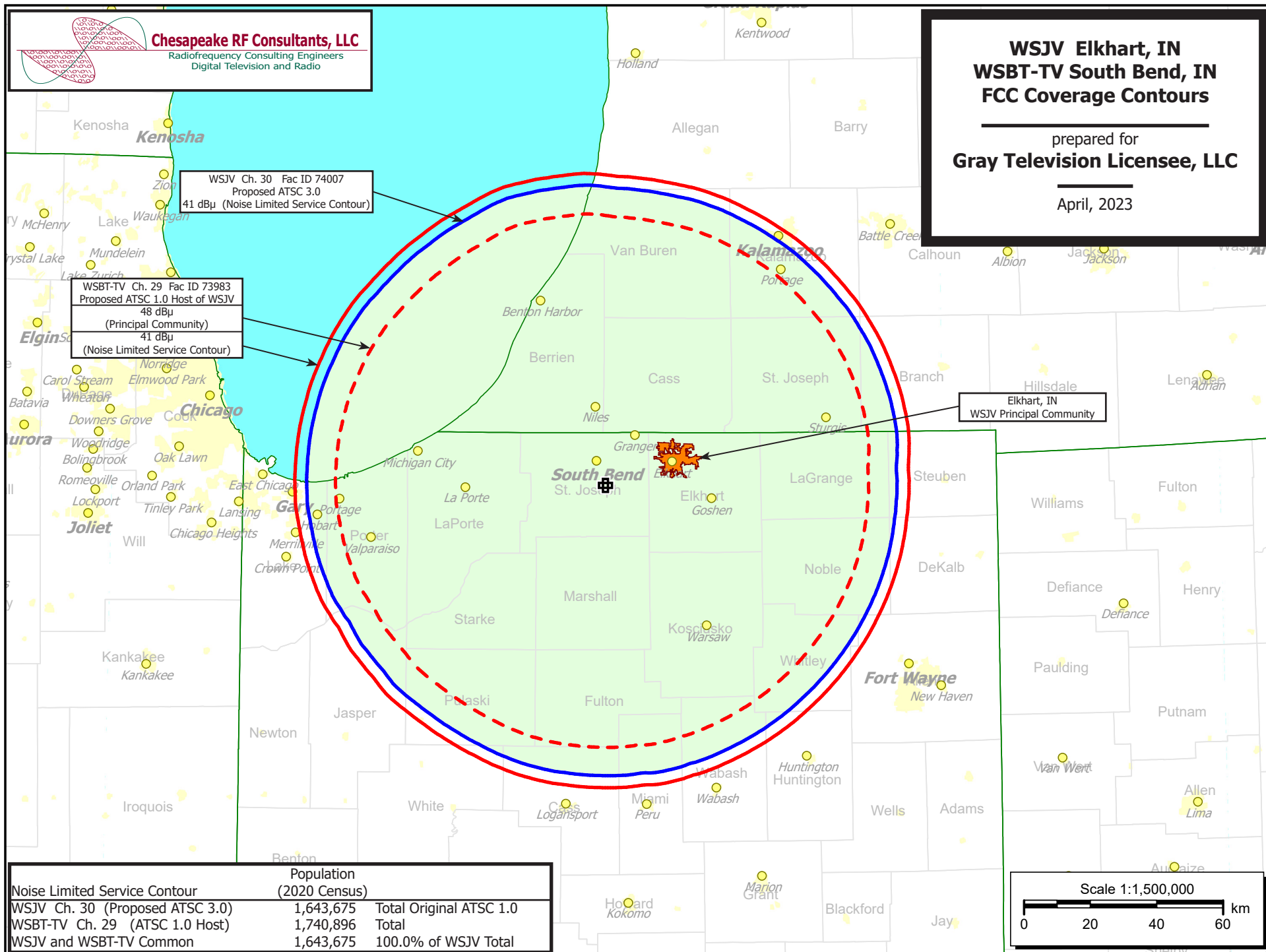


**Chesapeake RF Consultants, LLC**  
Radiofrequency Consulting Engineers  
Digital Television and Radio

# WSJV Elkhart, IN WSBT-TV South Bend, IN FCC Coverage Contours

prepared for  
**Gray Television Licensee, LLC**

April, 2023



WSJV Ch. 30 Fac ID 74007  
Proposed ATSC 3.0  
41 dBu (Noise Limited Service Contour)

WSBT-TV Ch. 29 Fac ID 73983  
Proposed ATSC 1.0 Host of WSJV  
48 dBu (Principal Community)  
41 dBu (Noise Limited Service Contour)

Elkhart, IN  
WSJV Principal Community

Noise Limited Service Contour	Population (2020 Census)	
WSJV Ch. 30 (Proposed ATSC 3.0)	1,643,675	Total Original ATSC 1.0
WSBT-TV Ch. 29 (ATSC 1.0 Host)	1,740,896	Total
WSJV and WSBT-TV Common	1,643,675	100.0% of WSJV Total

