

Transition to Reassignment Channel

Television Station: WBOC-TV Facility ID 71218 Salisbury, MD
Pre-Auction Channel: 21
Reassignment Channel: 32
Transition Phase Assignment: Phase 4
Phase Testing Period Start Date: 06/22/2019
Phase Completion Date: 08/02/2019

STA purpose: To operate on pre-auction Ch. 21 with an interim antenna prior to transition in order to accommodate tower work, removal of existing main Ch. 21 antenna, removal of former analog Ch. 16 antenna, and installation of post-auction Ch. 32 antenna. Work to commence May-June 2019.

STA Channel: 21

STA Site Location: WBOC-TV authorized site
Antenna Structure Registration # 1301089

STA Antenna System: Side-mount broadband directional (Figure 1)
Horizontal Polarization

STA Power and Height: 200 kW effective radiated power
199.9 meters height above ground level
213.9 meters height above mean sea level
204.5 meters height above average terrain

STA Facility Coverage: Does not extend beyond licensed, provides required principal community coverage (Figure 2).

RF Exposure: The calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 1.1 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate 15 percent relative field at downward angles (from antenna elevation pattern data). This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

Special Temporary Authority
Purpose and Technical Information
WBOC, Inc.
(page 2 of 2)



Chesapeake RF Consultants, LLC
Joseph M. Davis, P.E. May 7, 2019
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**Azimuth Pattern - Relative Field
(True North)**

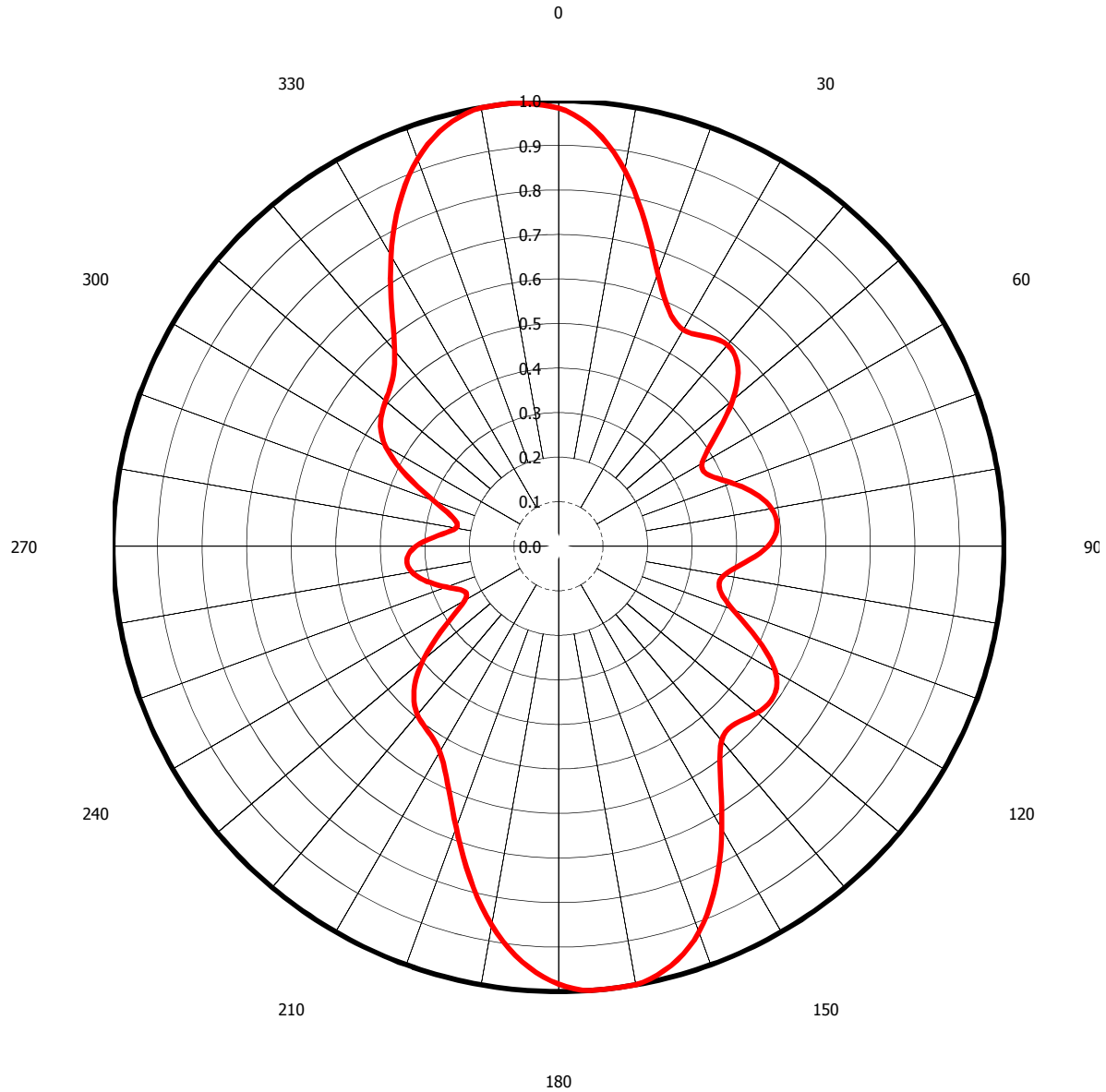
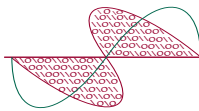


Figure 1
Interim Antenna Azimuthal Pattern
WBOC-TV Salisbury, MD
Facility ID 71218
Ch. 21 200 kW 205 m

prepared for
WBOC, Inc.

May, 2019



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

Figure 2
Proposed Interim Contours
WBOC-TV Salisbury, MD
Facility ID 71218
Ch. 21 200 kW 205 m

prepared for
WBOC, Inc.

May, 2019

