

Special Temporary Authority
Purpose and Technical Information
Stainless Broadcasting, L.P.
(page 1 of 2)



Transition to Reassignment Channel

Television Station: WICZ-TV Facility ID 62210 Binghamton, NY
Pre-Auction Channel: 8
Reassignment Channel: 7
Transition Phase Assignment: Phase 10
Phase Testing Period Start Date: 05/02/2020
Phase Completion Date: 07/03/2020

STA purpose: To commence initial operation on reassignment Ch. 7 with an interim antenna pending commencement of tower work, installation of new transmission line, and installation of post-auction Ch. 7 main antenna.

STA Channel: 7

STA Site Location: WICZ-TV authorized Ch. 7 site
Antenna Structure Registration # 1065310

STA Antenna System: Existing broadband directional (Figure 1)
Presently in use by WICZ-TV pre-auction Ch. 8

STA Power and Height: 8.0 kW effective radiated power
270.0 meters height above ground level
765.3 meters height above mean sea level
369.8 meters height above average terrain

STA Facility Coverage: Does not extend beyond authorized, 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 0.1 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate 25 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

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from responsibility for taking any corrective action in the areas
where the proposal's contribution is less than five percent.

Chesapeake RF Consultants, LLC
Joseph M. Davis, P.E. June 10, 2020
207 Old Dominion Road Yorktown, VA 23692 703-650-9600

**Azimuth Pattern - Relative Field
(True North)**

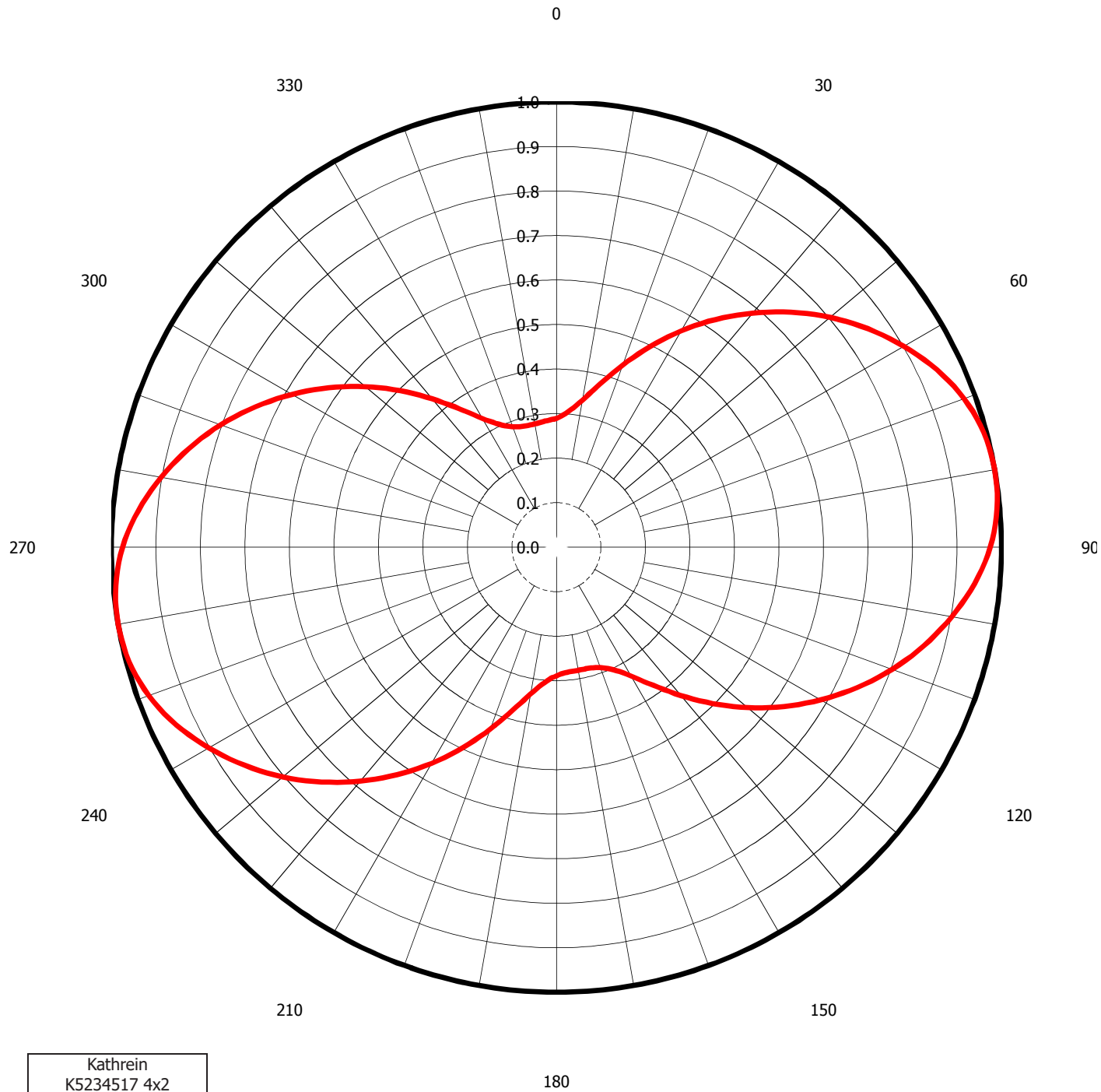
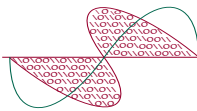


Figure 1
Interim Antenna Azimuthal Pattern
WICZ-TV Binghamton, NY
Facility ID 62210
Ch. 7 8 kW 370 m

prepared for
Stainless Broadcasting, L.P.

June, 2020



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

Figure 2
Proposed Interim Contours
WICZ-TV Binghamton, NY
Facility ID 62210
Ch. 7 8 kW 370 m

prepared for
Stainless Broadcasting, L.P.

June, 2020

Proposed Interim Ch. 7
8 kW 370 m directional
43 dBμ
(Principal Community)
36 dBμ
(Noise Limited Service Contour)

Authorized Ch. 7
CP File# 0000034576
40 kW 370 m directional
36 dBμ Contour

