

**Transition to Reassignment Channel**

Television Station: WLKY(DT) Facility ID 53939 Louisville, KY  
Pre-Auction Channel: 26  
Reassignment Channel: 14  
Transition Phase Assignment: Phase 6  
Phase Testing Period Start Date: 09/07/2019  
Phase Completion Date: 10/18/2019

STA purpose: To operate on pre-auction Ch. 26 periodically with an interim antenna prior to transition in order to accommodate transmitter and combiner installation, and then for tower work to include removal of pre-auction shared main antenna and installation of post-auction shared main antenna. Work to commence during July 2019.

STA Site Location: WLKY licensed Ch. 26 site

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

STA Power and Height: 450 kW effective radiated power  
330 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 1.9 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. 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.

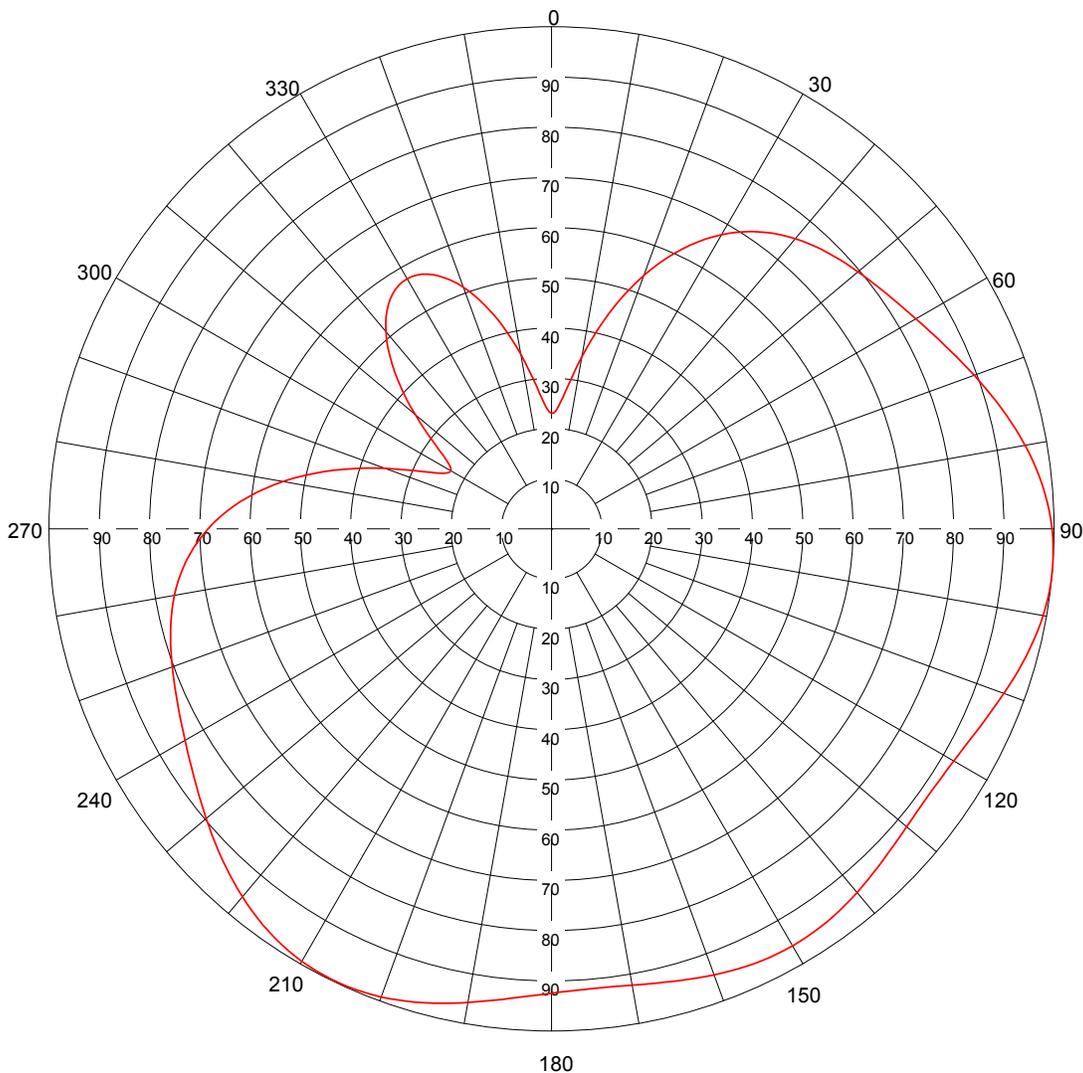
### AZIMUTH PATTERN

Gain  
Calculated / Measured

**1.63 (2.12 dB)**  
**Calculated**

Frequency  
Drawing #

**545 MHz**  
**WB-C160H**



**Figure 1**  
**Interim Antenna Azimuthal Pattern**  
**WLKY(DT) Louisville, KY**  
**Facility ID 53939**  
**Ch. 26 450 kW 330 m**

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prepared for  
**Hearst Properties Inc.**

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June, 2019

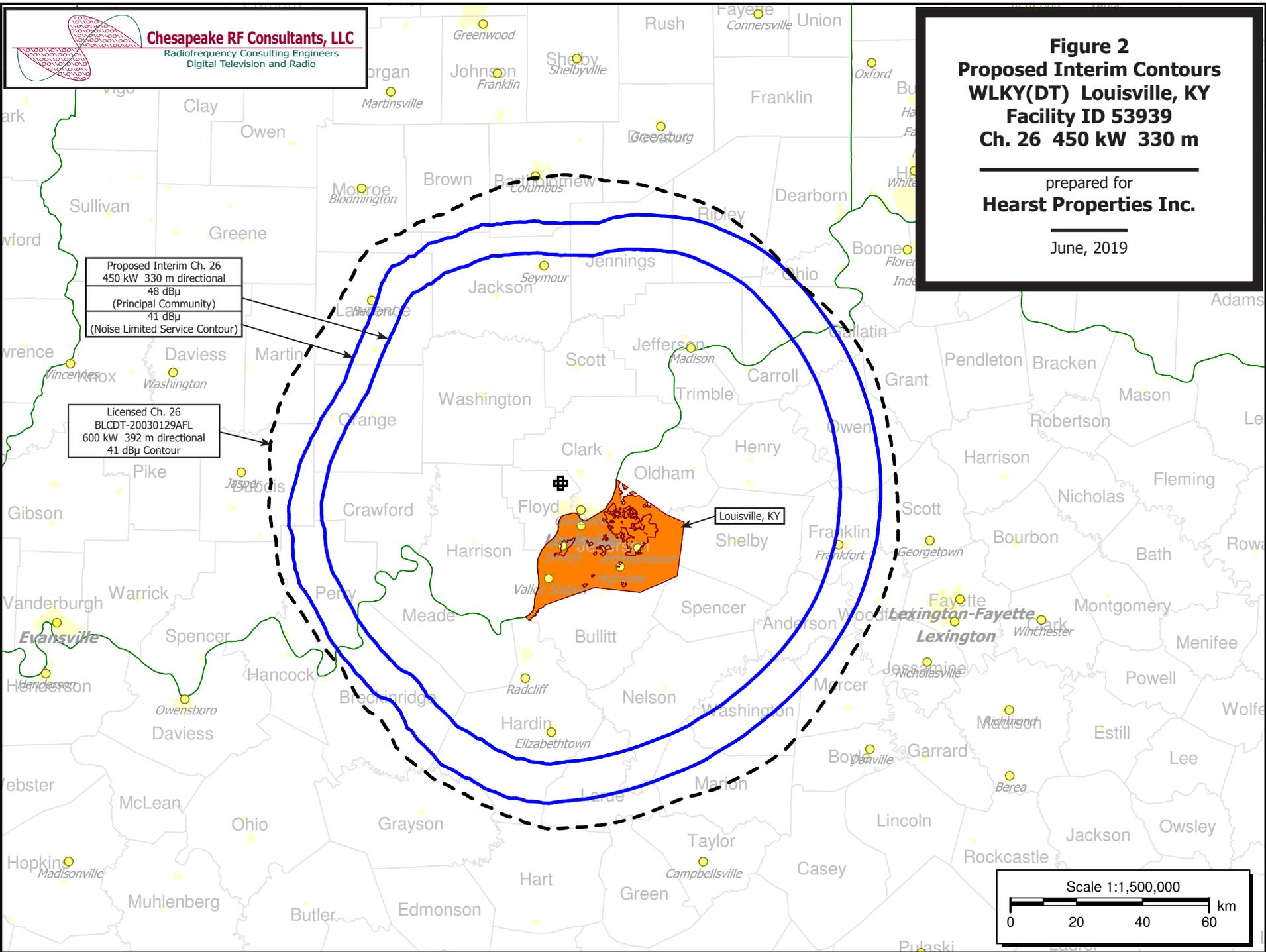
**Figure 2**  
**Proposed Interim Contours**  
**WLKY(DT) Louisville, KY**  
**Facility ID 53939**  
**Ch. 26 450 kW 330 m**

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Proposed Interim Ch. 26  
 450 kW 330 m directional  
 48 dBu  
 (Principal Community)  
 41 dBu  
 (Noise Limited Service Contour)

Licensed Ch. 26  
 BLCDT-20030129AFL  
 600 kW 392 m directional  
 41 dBu Contour

Louisville, KY

