

Transition to Reassignment Channel

Television Station: KLCW-TV Facility ID 77719 Wolfforth, TX

Reassignment Ch. 23
Construction Permit LMS file# 0000034587
Transition Phase Assignment: Phase 1
Phase Testing Period Start Date: 09/14/2018
Phase Completion Date: 11/30/2018
No Dependencies within Linked Set

STA purpose: To commence initial operation on reassignment Ch. 23 with an interim antenna in order to accommodate remaining tower work and replacement of main antenna.

The proposed interim operation will be with the Ch. 23 auxiliary antenna as recently authorized in LMS file# 0000059346 but at a reduced ERP of 48 kW.

Commencement date of interim operation on Ch. 23 is November 30, 2018, and is expected to last no longer than 180 days to allow subsequent operation on the new main antenna at full power on Ch. 23.

STA Channel: 23

STA Site Location: Authorized Ch. 23 site
Antenna Structure Registration # 1248244

STA Antenna System: Side-mount broadband directional

STA Power and Height: 48 kW effective radiated power
2.8 kW transmitter power output
271.3 meters height above ground level
1248.8 meters height above mean sea level
267.2 meters height above average terrain

STA Facility Coverage: Does not extend beyond authorized, provides required principal community coverage (Figure 1)

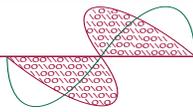
RF Exposure: The calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 0.6 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate 30 percent relative field at downward

Special Temporary Authority
Purpose and Technical Information
Ramar Communications, Inc. (KLCW-TV)
(page 2 of 2)



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.

Chesapeake RF Consultants, LLC
Joseph M. Davis, P.E. November 27, 2018
207 Old Dominion Road Yorktown, VA 23692 703-650-9600



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

Figure 1
Proposed Interim Contours
Reassignment Ch. 23
KLCW-TV Wolfforth, TX
Facility ID 77719

prepared for
Ramar Communications, Inc.

November, 2018

