

REQUESTED TERMS OF SPECIAL TEMPORARY AUTHORITY

The instant request for Special Temporary Authority is filed pursuant to the Commission's Public Notice, *Incentive Auction Task Force and Media Bureau Set Forth Tools Available to LPTV/Translator Stations Displaced Prior to the Special Displacement Window*, 32 FCC Rcd 4943 (2017). Station KTFA-LP is a broadcast station that is being displaced by a winning bidder in the recent incentive auction that is preparing to commence operations on the Station's current channel on or before October 31, 2017.

As provided for in the Public Notice, a station affected by such a winning bidder may file a displacement application and a request for Special Temporary Authority to operate on a temporary channel pending the special displacement window process.

The Station's displacement application has been submitted to the Commission in File No. 0000030111. In that the Station is an analog LPTV station and requests an STA to operate in digital on Channel 28, it is filing this legal STA request, in lieu of an engineering STA request, at the direction of the staff of the Commission's Video Division.

Attached hereto is a copy of the displacement application which provides the engineering information for the requested STA.



(REFERENCE COPY - Not for submission)

Displacement for LPTV Station Application

File Number: **0000030111** | Submit Date: **09/25/2017** | Call Sign: **KTFA-LP** | Facility ID: **35085** | FRN: **0001529627** | State: **New Mexico** | City: **ALBUQUERQUE**
Service: **LPD** | Purpose: **Displacement BLTTL-20031212ABM** | Status: **Pending** | Status Date: **09/25/2017** | Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	Yes
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ENTRAVISION HOLDINGS, LLC Applicant Doing Business As: ENTRAVISION HOLDINGS, LLC	Mark Boelke 2425 OLYMPIC BLVD STE 6000 W SANTA MONICA, CA 90404 United States	+1 (310) 447- 3870	mboelke@entravision. com	Other

Authorization Holder Name

- ☐ Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(2)**

Contact Name	Address	Phone	Email	Contact Type
BARRY A. FRIEDMAN THOMPSON HINE LLP	SUITE 700 1919 M STREET, N. W. WASHINGTON, DC 20036 United States	+1 (202) 331-8800	BARRY. FRIEDMAN@THOMPSONHINE. COM	Legal Representative
W. JEFFREY REYNOLDS <i>TECHNICAL CONSULTANT</i> du TREIL, LUNDIN & RACKLEY, INC.	3135 SOUTHGATE CIRCLE SARASOTA, FL 34239-5515 United States	+1 (941) 329-6000	JEFF@DLR.COM	Technical Representative

Alien Ownership

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	
2) Is the applicant subject to the provisions set forth under Section 310(b) of the Communications Act, for a broadcast, common carrier, aeronautical en route, or aeronautical fixed radio station Authorization?	
3) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	
4) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	
5) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	
6) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	
7) Has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?	
8) Has there been any change in the applicant's foreign ownership since issuance of the declaratory ruling(s) cited in response to Question 7?	
8a) Enter the File or Docket Number of the Petition for Declaratory Ruling that the applicant has filed for its foreign ownership in connection with this application pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership declaratory ruling if the applicant attaches a showing that the requested authorization(s) is exempt from the provisions of Section 310(b)(4).	
9) Does the applicant's foreign ownership comply with the declaratory ruling(s) cited in response to Question 7?	

Basic Qualifying Questions

Section	Question	Response
Revoked Application	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	No
State or Federal Convictions	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	No

**Channel and
Facility
Information**

Section	Question	Response
Proposed Community of License	Facility ID	35085
	State	New Mexico
	City	ALBUQUERQUE
	LPD Channel	28

**Antenna Location
Data**

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	35° 12' 41.2" N+
	Longitude	106° 26' 58.1" W-
	Structure Type	BANT-Building with antenna on top
	Overall Structure Height	30.5 meters
	Support Structure Height	30.5 meters
	Ground Elevation (AMSL)	3243 meters
Antenna Data	Height of Radiation Center Above Ground Level	20.9 meters
	Height of Radiation Center Above Mean Sea Level	3263.9 meters
	Effective Radiated Power	15 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002084
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TLP-16TLP
	Rotation	21 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)
0	0.341	90	0.693	180	0.784	270	0.288
10	0.455	100	0.61	190	0.876	280	0.307
20	0.612	110	0.578	200	0.958	290	0.389
30	0.794	120	0.592	210	1.0	300	0.525
40	0.939	130	0.596	220	0.939	310	0.591
50	0.998	140	0.588	230	0.79	320	0.532
60	0.965	150	0.574	240	0.607	330	0.415
70	0.885	160	0.601	250	0.447	340	0.314
80	0.791	170	0.689	260	0.329	350	0.284

Additional Azimuths

Degree	V _A
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**Parties to the
Application (0)**

Information not provided.

**Attributable
Interest**

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

**Construction
Permit
Certifications**

Section	Question	Response
Post-Incentive Auction Expedited Processing	It will operate on the DTV channel for this station as established in the post-incentive auction channel reassignment public notice.	
	It will operate post-incentive auction facilities that do not expand the noise-limited service contour in any direction beyond that established by the post-incentive auction channel reassignment public notice.	
	It will operate post-incentive auction facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the post-incentive auction channel reassignment public notice.	
	The antenna structure to be used by this facility has been registered by the Commission and will not require re-registration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely affect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7.	
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See Section 1.1306 of 47 C.F.R.)	No
Broadcast Facility	The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793 (e), 74.793(f), 74.793(g), 74.793(h)	Yes

**Legal
Certifications**

Section	Question	Response
Character Issues	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	
Adverse Findings	<p>Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?</p>	
Program Service Certification	<p>Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	
Local Public Notice	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	Yes
Equal Employment Opportunity (EEO)	<p>If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.</p>	
Auction Authorization	<p>If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.</p>	N/A
Rebroadcast Certification	<p>(For Applicants proposing rebroadcasts that are not the licensee of the primary station) Applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.</p>	N/A

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<p>Walter F. Ulloa <i>Chief Executive Officer</i></p> <p>09/25/2017</p>

Attachments

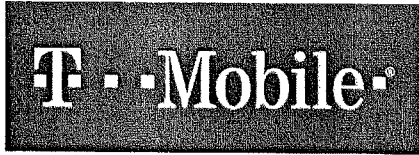
File Name	Uploaded By	Attachment Type	Description
<u>KTFAEC95.pdf</u>	Applicant	Fees, Waivers and Exemptions	Statement of Extraordinary Circumstances in support of request.
<u>KTFA-LP Antenna Information.pdf</u>	Applicant	Construction Permit Certifications	ANTENNA INFORMATION
<u>KTFA-LP Technical Summary.pdf</u>	Applicant	Construction Permit Certifications	TECHNICAL SUMMARY
<u>KTFA-LP TVStudy Analysis.pdf</u>	Applicant	Construction Permit Certifications	TVSTUDY ANALYSIS

EXTRAORDINARY CIRCUMSTANCES

The instant request is being submitted pursuant to the Commission's Public Notice, *Incentive Auction Task Force and Media Bureau Set Forth Tools Available to LPTV/Translator Stations Displaced Prior to the Special Displacement Window*, 32 FCC Rcd 4943 (2017), wherein the Commission has provided that owing to the licensing in the 600 MHz band for wireless operations, LPTV licensees that receive a 120-day notice, as to the expected commencement of FFA testing, may file a displacement application and a request for Special Temporary Authority to operate on a temporary channel.

A copy of the 120-day notice is attached hereto.

Consequently, the applicant is submitting both a displacement application and a request for Special Temporary Authority and asks that they both be granted.



VIA CERTIFIED MAIL & EMAIL

June 28, 2017

ENTRAVISION HOLDINGS, LLC
2425 OLYMPIC BLVD STE 6000 W
SANTA MONICA, CA 90404

RE: Notification of Intent to Begin 600MHz Operations

Dear KTFA-LP Licensee:

T-Mobile USA, Inc. ("T-Mobile") is notifying you that T-Mobile is preparing to commence operations on its 600MHz spectrum in the Partial Economic Area ("PEA") # 75 by 10/31/2017 and your station is likely to cause harmful interference to T-Mobile's operations.

To determine if your station(s) is likely to cause interference, an interference analysis has been performed, as specified by the Federal Communications Commissions' ("FCC") Inter-service Interference procedures³, using publicly available information in the FCC's Licensing and Management System ("LMS") for your facility. This analysis predicts field strength at T-Mobile's base station and user equipment locations in the PEA # 75 market from your facility. The FCC has set the thresholds at which the predicted field strength from low power TV and translator stations creates a sufficient interference risk to wireless facilities. T-Mobile has determined that your facility exceeds those thresholds and is an interference risk to its wireless operations.

T-Mobile will commence its operations in the PEA # 75 market on 10/31/2017. This letter provides the 120 days' advance notification required by FCC regulations, 47 CFR §73.3700(g)(4). The FCC regulations also require you to cease operations or eliminate the potential for harmful interference to T-Mobile's wireless facilities in the PEA # 75 market.

The FCC will work with you to attempt find a new television channel outside of the new 600 MHz mobile band that will not interfere with T-Mobile's network. You should review the FCC's Tools Available to LPTV/Translator Station Public Notice (enclosed) released on June 14, 2017 and contact Hossein Hashemzadeh, Melvin Collins, or Barbara Kreisman at the FCC for more information about the options available in your area.⁴

Please email 600MhzFC@T-Mobile.com once you have determined when you will eliminate the interference. If you would like additional information regarding our findings or if it might be

³ See 30 FCC Red 12049, 12071, para. 49 (2015)

⁴ See <https://www.fcc.gov/document/iatf-mb-set-forth-tools-available-lptvtranslator-stations>

possible to coordinate our operations, please submit a request to Dan Wilson, Sr. Manager, Spectrum Engineering, at 600MhzFC@T-Mobile.com.

Sincerely,

/s/ Dan Wilson

Sr. Manager, Spectrum Engineering, T-Mobile USA, Inc.

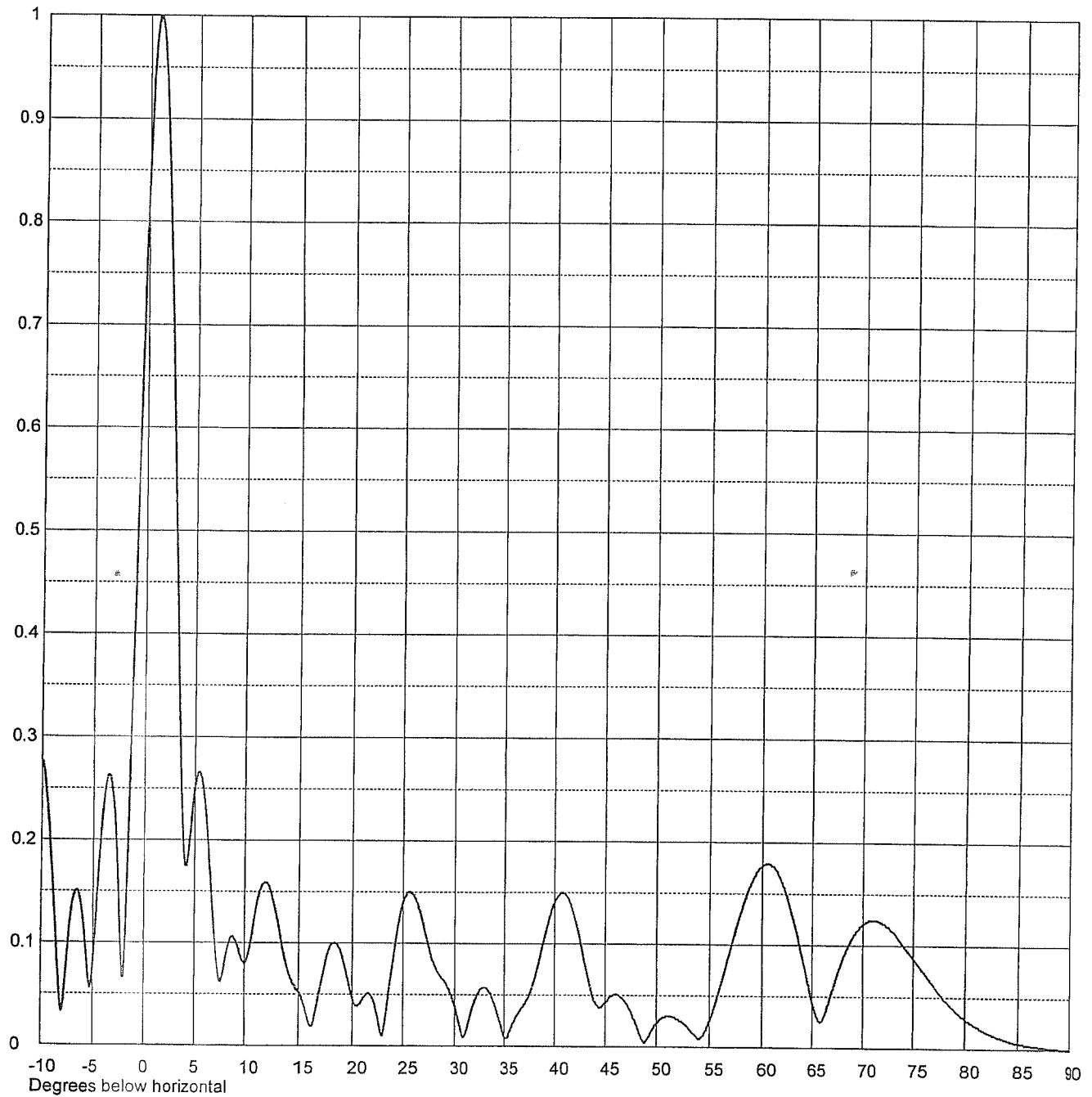


Exhibit No.

Date	25 Sep 2017	
Call Letters	KTFA-LP	Channel 28
Location	Albuquerque, NM	
Customer		
Antenna Type	TLP-160	

ELEVATION PATTERN

RMS Gain at Main Lobe	16.0 (12.04 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	11.3 (10.53 dB)	Frequency	557.00 MHz
Calculated / Measured	Calculated	Drawing #	16L160100-90



Remarks:



Date

25 Sep 2017

Call Letters

KTFA-LP

Channel

28

Location

Albuquerque, NM

Customer

Antenna Type

TLP-160

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #

16L160100-90

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.283	2.4	0.711	10.6	0.102	30.5	0.020	51.0	0.030	71.5	0.124
-9.5	0.238	2.6	0.635	10.8	0.114	31.0	0.010	51.5	0.029	72.0	0.121
-9.0	0.167	2.8	0.556	11.0	0.127	31.5	0.027	52.0	0.027	72.5	0.118
-8.5	0.083	3.0	0.476	11.5	0.151	32.0	0.044	52.5	0.023	73.0	0.113
-8.0	0.036	3.2	0.397	12.0	0.159	32.5	0.055	53.0	0.017	73.5	0.107
-7.5	0.096	3.4	0.324	12.5	0.150	33.0	0.057	53.5	0.012	74.0	0.101
-7.0	0.141	3.6	0.259	13.0	0.128	33.5	0.052	54.0	0.008	74.5	0.094
-6.5	0.149	3.8	0.209	13.5	0.100	34.0	0.040	54.5	0.014	75.0	0.087
-6.0	0.119	4.0	0.180	14.0	0.077	34.5	0.024	55.0	0.026	75.5	0.081
-5.5	0.066	4.2	0.175	14.5	0.062	35.0	0.009	55.5	0.040	76.0	0.074
-5.0	0.081	4.4	0.189	15.0	0.052	35.5	0.014	56.0	0.057	76.5	0.067
-4.5	0.163	4.6	0.211	15.5	0.038	36.0	0.025	56.5	0.075	77.0	0.060
-4.0	0.233	4.8	0.233	16.0	0.021	36.5	0.034	57.0	0.094	77.5	0.054
-3.5	0.263	5.0	0.251	16.5	0.030	37.0	0.041	57.5	0.113	78.0	0.048
-3.0	0.237	5.2	0.262	17.0	0.057	37.5	0.050	58.0	0.131	78.5	0.043
-2.8	0.209	5.4	0.266	17.5	0.083	38.0	0.064	58.5	0.147	79.0	0.038
-2.6	0.172	5.6	0.263	18.0	0.098	38.5	0.084	59.0	0.161	79.5	0.033
-2.4	0.127	5.8	0.253	18.5	0.099	39.0	0.105	59.5	0.171	80.0	0.029
-2.2	0.081	6.0	0.237	19.0	0.088	39.5	0.125	60.0	0.177	80.5	0.025
-2.0	0.066	6.2	0.216	19.5	0.067	40.0	0.140	60.5	0.179	81.0	0.022
-1.8	0.113	6.4	0.191	20.0	0.046	40.5	0.148	61.0	0.177	81.5	0.019
-1.6	0.187	6.6	0.163	20.5	0.039	41.0	0.149	61.5	0.170	82.0	0.016
-1.4	0.270	6.8	0.135	21.0	0.047	41.5	0.141	62.0	0.159	82.5	0.014
-1.2	0.357	7.0	0.107	21.5	0.051	42.0	0.125	62.5	0.145	83.0	0.012
-1.0	0.446	7.2	0.083	22.0	0.045	42.5	0.105	63.0	0.128	83.5	0.010
-0.8	0.534	7.4	0.067	22.5	0.025	43.0	0.081	63.5	0.108	84.0	0.008
-0.6	0.620	7.6	0.062	23.0	0.012	43.5	0.059	64.0	0.087	84.5	0.007
-0.4	0.700	7.8	0.068	23.5	0.047	44.0	0.043	64.5	0.065	85.0	0.006
-0.2	0.774	8.0	0.079	24.0	0.084	44.5	0.038	65.0	0.044	85.5	0.005
0.0	0.840	8.2	0.090	24.5	0.117	45.0	0.043	65.5	0.029	86.0	0.004
0.2	0.896	8.4	0.099	25.0	0.140	45.5	0.049	66.0	0.027	86.5	0.003
0.4	0.941	8.6	0.104	25.5	0.150	46.0	0.051	66.5	0.040	87.0	0.002
0.6	0.973	8.8	0.106	26.0	0.147	46.5	0.048	67.0	0.056	87.5	0.002
0.8	0.993	9.0	0.104	26.5	0.133	47.0	0.042	67.5	0.072	88.0	0.001
1.0	1.000	9.2	0.100	27.0	0.113	47.5	0.032	68.0	0.086	88.5	0.001
1.2	0.993	9.4	0.094	27.5	0.093	48.0	0.020	68.5	0.098	89.0	0.000
1.4	0.974	9.6	0.087	28.0	0.078	48.5	0.008	69.0	0.108	89.5	0.000
1.6	0.942	9.8	0.082	28.5	0.069	49.0	0.007	69.5	0.115	90.0	0.000
1.8	0.898	10.0	0.080	29.0	0.062	49.5	0.016	70.0	0.120		
2.0	0.844	10.2	0.084	29.5	0.053	50.0	0.023	70.5	0.123		
2.2	0.781	10.4	0.091	30.0	0.039	50.5	0.028	71.0	0.124		

Remarks:

TECHNICAL SUMMARY
SPECIAL DISPLACEMENT WINDOW
APPLICATION FOR CONSTRUCTION PERMIT
LOW POWER DIGITAL STATION KTFA-LP
ALBUQUERQUE, NEW MEXICO
CHANNEL 28 15 KW (DA)

1. The instant application is a special displacement window application for KTFA-LP currently on "out-of-core" channel 48 at Albuquerque, New Mexico (BDFCDTL-20120410ABQ). It is proposed to operate on "in core" channel 28 with a directional antenna maximum effective radiated power (ERP) of 15 kW using a Dielectric model TLP-16TLP directional antenna oriented at 21 degrees true. The antenna radiation center height will be 3263.9 m AMSL. There will be no change in the overall structure height.

2. Waiver of Displacement Freeze: KTFA-LP received a 120 day letter from T-Mobile indicating that the current KTFA-LP operation would likely interfere with its new 600 MHz band license. Therefore, pursuant to the FCC's Public Notice dated June 14, 2017 entitled "*Incentive Auction Task Force and Media Bureau Set Forth Tools Available to LPTV/Translator Stations Displaced Prior to the Special Displacement Window*" (DA 17-584, MB Docket No. 16-306, GN Docket No. 12-268), KTFA-LP is eligible to submit the instant displacement application for channel 28 along with a request for waiver of the displacement freeze and request for Special Temporary Authority (STA) to operate on channel 28 on a temporary basis.

3. As indicated in the attached *TVStudy* analysis, the proposal will not cause interference to the predicted service of: (1) all other primary users in the repacked TV Band or in adjacent bands including land mobile operations, (2) licenses and valid construction permits for LPTV stations, (3) licenses and valid construction permits for full power and Class A stations that were not reassigned, and (4) the post-auction channels of reassigned full power and Class A stations as reflected in the *Closing and Reassignment Public Notice*. A cell size of 1.0 km and a profile resolution of 1.0 points/km were utilized for the *TVStudy* analysis.

4. RFR Compliance: The proposed facilities were evaluated in terms of potential radiofrequency radiation (RFR) exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna will be located 20.9 meters above ground level. The total DTV ERP is 15 (horizontal polarization). A greater than expected vertical plane relative field value of 0.18 is presumed for the antenna's downward radiation (-60° to -90° elevation, see attached antenna information). The calculated power density at a point 2 meters above ground level is 45.4 uW/cm^2 which is 12.2% of the FCC's recommended limit of 371.3 uW/cm^2 for channel 28 for an uncontrolled environment. However, as this is a multi-user site, measurements will be made to substantiate compliance.

Access to the transmitting site will be restricted and appropriately marked with RFR warning signs. Furthermore, a formal RFR protection protocol is in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measure will be taken to assure worker safety with respect to RFR exposure. Such measures include limiting the exposure time, wearing protective clothing, reducing power to an acceptable level or termination of transmitter output power all together until workers leave the restricted area.

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: KTFALD28 15 kW-DA (819), Model: Longley-Rice
Start: 2017.09.25 10:23:47

Study created: 2017.09.25 10:22:59

Study build station data: LMS TV 2017-09-24 (30)

Proposal: KTFA-LP D28 LD CP ALBUQUERQUE, NM
File number: KTFALD28 15 kW-DA
Facility ID: 35085
Station data: User record
Record ID: 783
Country: U.S.

Build options:
Protect records not on baseline channel
Protect baseline records from LPTV

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KASA-TV	D27	DT	LIC	SANTA FE, NM	BLCDT20090417AAS	0.3 km
K28GF-D	D28	LD	LIC	CIMARRON, NM	BLDTT20101008ACF	187.7
K28GT-D	D28	LD	LIC	CROWNPOINT, NM	BLDTT20120127AGO	162.5
K39JK-D	D28	LD	APP	MONTOYA & NEWKIRK, NM	BLANK0000029833	212.1
K28GV-D	D28	LD	LIC	TRES PIEDRAS, NM	BLDTT20090827ABC	187.2
KWBQ	D29	DT	LIC	SANTA FE, NM	BLANK0000004459	0.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Mask: Full Service
Latitude: 35 12 41.20 N (NAD83)
Longitude: 106 26 58.10 W
Height AMSL: 3263.9 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TLP-16TLP 21.0 deg
Elev Pattn: Generic
Elec Tilt: 1.0

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.58 kW	1152.7 m	63.4 km
45.0	7.03	1215.5	76.0
90.0	12.0	1119.5	78.4
135.0	5.11	921.9	67.9
180.0	5.37	1010.5	69.8
225.0	14.3	1504.7	85.7
270.0	3.22	1573.2	72.8
315.0	2.95	1464.4	71.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 1245 m

Distance to Canadian border: 1532.6 km

Distance to Mexican border: 381.0 km

Conditions at FCC monitoring station: Douglas AZ
Bearing: 216.7 degrees Distance: 508.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 10.6 degrees Distance: 555.4 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLCDT20090417AAS LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KASA-TV	D27	DT	LIC	SANTA FE, NM	BLCDT20090417AAS			
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	0.3 km		
	KOB	D26	DT	LIC	ALBUQUERQUE, NM	BLCDT20051003BQP	0.2		
	KRPV-DT	D27	DT	LIC	ROSWELL, NM	BLCDT20090211ABQ	277.6		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
60413.3 1,161,765		51744.2 1,116,997		51575.0 1,115,034		51573.0 1,115,034	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KTFA-LP D28 LD CP				15.0 1		2.0 0			
KOB D26 DT LIC				163.2 1,963	163.2 1,963	150.1 1,962			
KRPV-DT D27 DT LIC				6.0 0	6.0 0	6.0 0			

Interference to BLDTT20101008ACF LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	K28GF-D	D28	LD	LIC	CIMARRON, NM	BLDTT20101008ACF			
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	187.7 km		
	KOAA-TV	D28	DT	CP	PUEBLO, CO	BLANK0000028588	244.6		
	KSPK-LP	D28	LD	CP	WALSENBURG, CO	BDFCDTL20090824ACC	123.2		
	K28GE	D28+	LD	APP	WOODLAND PARK, CO	BLANK0000022125	269.9		
	K39JK-D	D28	LD	APP	MONTOYA & NEWKIRK, NM	BLANK0000029833	199.5		
	K28GV-D	D28	LD	LIC	TRES PIEDRAS, NM	BLDTT20090827ABC	80.6		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
10291.0 35,508		7261.8 8,505		7242.7 8,505		7241.7 8,505	0.01 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KTFA-LP D28 LD CP				1.0 0		1.0 0			
KOAA-TV D28 DT CP				9.0 0	9.0 0	9.0 0			
K39JK-D D28 LD APP				8.1 0	8.1 0	8.1 0			
K28GV-D D28 LD LIC				2.0 0	2.0 0	2.0 0			

Interference to BLDTT20120127AGO LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	K28GT-D	D28	LD	LIC	CROWNPOINT, NM	BLDTT20120127AGO			
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	162.5 km		
	K28EB-D	D28	LD	LIC	CORTEZ, ETC, CO	BLDTT20090522ABX	187.2		
	K29KT-D	D29	LD	LIC	THOREAU, NM	BLDTT20130128ADX	25.3		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
1097.4 4,162		1013.1 4,014		969.8 3,751		969.8 3,751	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KTFA-LP D28 LD CP				1.0 0		0.0 0			
K28EB-D D28 LD LIC				41.2 263	41.2 263	40.2 263			
K29KT-D D29 LD LIC				2.0 0	2.0 0	2.0 0			

Interference to BLANK0000029833 APP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	K39JK-D	D28	LD	APP	MONTOYA & NEWKIRK, NM	BLANK0000029833			
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	212.1 km		
	KSPK-LP	D28	LD	CP	WALSENBURG, CO	BDFCDTL20090824ACC	300.1		
	K28GF-D	D28	LD	LIC	CIMARRON, NM	BLDTT20101008ACF	199.5		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
4970.2 4,405		3584.0 2,625		3564.0 2,625		3552.0 2,625	0.34 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KTFA-LP D28 LD CP				13.0 0		12.0 0			
K28GF-D D28 LD LIC				19.9 0	19.9 0	18.9 0			

Interference to BLDTT20090827ABC LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K28GV-D	D28	LD	LIC	TRES PIEDRAS, NM	BLDTT20090827ABC	
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	187.2 km
	K47KC-D	D27	LD	APP	ROMEO, CO	BLANK0000029006	0.1
	KSPK-LP	D28	LD	CP	WALSENBURG, CO	BDFCDTL20090824ACC	136.1
	K28GE	D28+	LD	APP	WOODLAND PARK, CO	BLANK0000022125	250.7
	K28GF-D	D28	LD	LIC	CIMARRON, NM	BLDTT20101008ACF	80.6

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
	6207.4	10,063	5350.6	7,770	5332.6
				7,719	5263.3
					7,569
					1.30
					1.94

Undesired	Total IX	Unique IX, before	Unique IX, after
KTFA-LP D28 LD CP	73.3	201	69.3
K47KC-D D27 LD APP	9.0	0	9.0
K28GF-D D28 LD LIC	9.0	51	5.0
			0

Interference to BLANK0000004459 LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KWBQ	D29	DT	LIC	SANTA FE, NM	BLANK0000004459	
Undesireds:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	0.3 km
	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX		
	54861.4	1,148,445	46987.5	1,100,979	46987.5	1,100,979	0.03
					46972.5	1,100,978	0.00
Undesired	Total IX	Unique IX, before	Unique IX, after				
KTFA-LP D28 LD CP	15.0	1	15.0	1			

Interference to proposal, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTFA-LP	D28	LD	CP	ALBUQUERQUE, NM	KTFALD28 15 kW-DA	
Undesireds:	KASA-TV	D27	DT	LIC	SANTA FE, NM	BLCDDT20090417AAS	0.3 km
	KSPK-LP	D28	LD	CP	WALSENBURG, CO	BDFCDTL20090824ACC	305.4
	K28GV-D	D28	LD	LIC	TRES PIEDRAS, NM	BLDTT20090827ABC	187.2
	KWBQ	D29	DT	LIC	SANTA FE, NM	BLANK0000004459	0.3
	Service area	Terrain-limited	IX-free	Percent IX			
	17114.9	1,007,464	16051.2	998,549	15900.5	997,187	0.94
							0.14
Undesired	Total IX	Unique IX	Prcnt Unique IX				
KASA-TV D27 DT LIC	144.7	1,362	8.0	0	0.05	0.00	
K28GV-D D28 LD LIC	6.0	0	6.0	0	0.04	0.00	
KWBQ D29 DT LIC	136.7	1,362	0.0	0	0.00	0.00	