

K295BU SITE CHANGE APPLICATION

This application is being filed to move the site of the K295BU FM translator in Dumas, Texas. The new site will be an existing tower (ASR #1232576) located only 500 meters north of the licensed site.

The new site is fully spaced to all licensed stations. A FM Spacing study is included with this attachment. The proposed local parameters are also included. The new site will continue to provide excellent coverage over the city of license. A map showing the proposed 60 dBu or 1.0 mv/m contour is the third addition to the attachment. The new K295BU site is in full compliance with the Commission's Rules and Regulations.

A handwritten signature in blue ink, reading "Larry P. Waggoner". The signature is stylized with a large, looped "L" and a long, horizontal stroke at the bottom.

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03-13-2020

Larry Waggoner

FM Study for: K295BU FCC Database Date: 3/6/2020 35-52-46
Location: DUMAS, TX Channel Class: D 101-58-34
[*] by HAAT indicates calculated as missing in database.
Call City, State Chan Class Freq kW Latitude Dist. Required
Status Proponent File Number HAAT Longitude Azm. Clear (km)

>>>>>>> Study For Channel 295 106.9 MHz <<<<<<<<

K295BU	DUMAS, TX	295 D	106.9	.170	35-52-32	0.5	44	
LIC	Fac. No. 142239	BLFT-20140324AFJ	80		101-58-28	159.2	-43.5	SHORT
KBEX	DALHART, TX	241 C1	96.1	100.	35-44-16	29.4	22	
LIC	Fac. No. 15018	BLH-20140919ADG	242		102-15-04	237.7	+7.4	CLOSE
KQTYFM	BORGER, TX	294 A	106.7	6.00	35-41-05	57.5	47	
LIC	Fac. No. 74566	BLH-19990802KB	79		101-23-12	111.9	+10.5	CLOSE

The licensed FM station study was found to be identical using both the current CDBS and LMS data.

Larry Waggoner
Project: K295BU

03-13-2020

Site Coordinates: 35-52-46 North 101-58-34 West

NGDC 30-Second Database is used in Continental US

DEM-30 Database is used in AK, HI, and PR.

Azimuth	Elevation	HAAT	60 dBu
0	1096	81	10.6 km
30	1084	93	11.3 km
60	1080	97	11.6 km
90	1084	93	11.3 km
120	1058	119	12.8 km
150	1052	125	13.1 km
180	1087	90	11.2 km
210	1112	65	9.6 km
240	1134	43	7.7 km
270	1135	42	7.6 km
300	1128	49	8.3 km
330	1112	65	9.6 km

Data in (feet) meters

Overall Height Above Average Terrain: (262) 80 *

Site Elevation AMSL: (3,661) 1,116

Antenna Height Above Ground Level: (201) 61

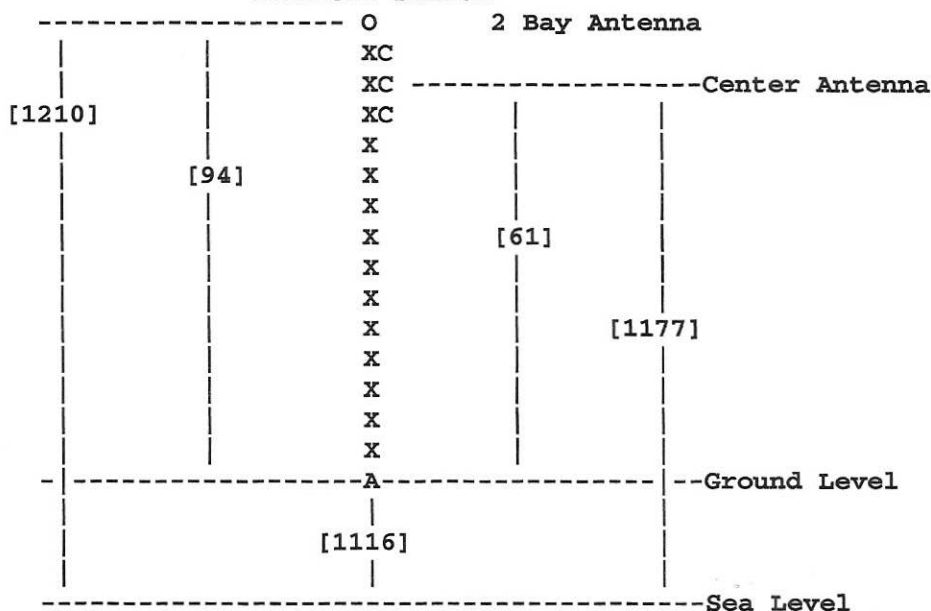
Antenna Center Above Sea Level: (3,862) 1,177

Overall Ground Average Terrain AMSL: (3,599) 1,097

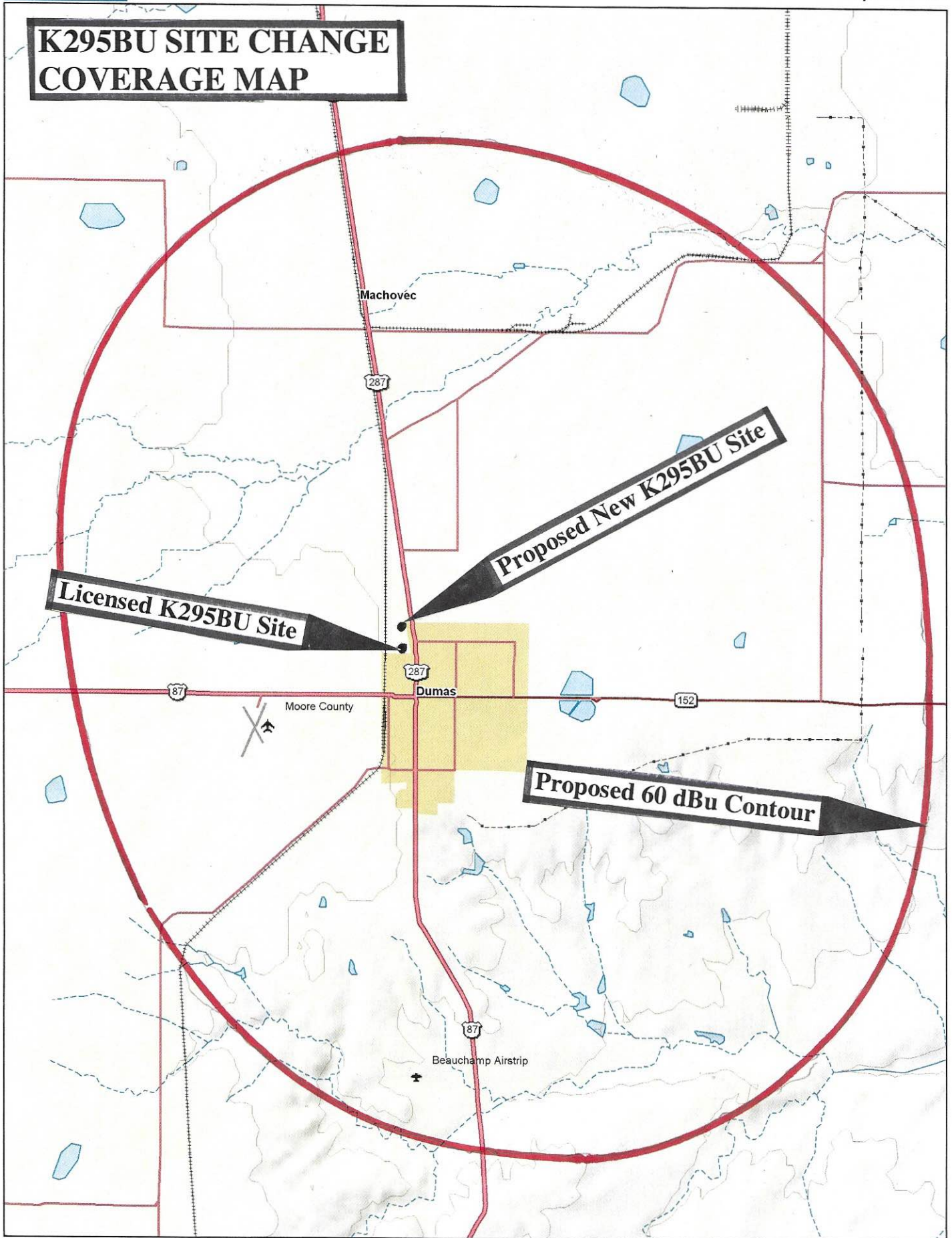
Effective Radiated Power: 0.1700 kW *

TV/FM Channel: 295

VERTICAL SKETCH



K295BU SITE CHANGE COVERAGE MAP



Data use subject to license.

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