

**KZSM – LP**  
**ENGINEERING STA**  
**BLL – 20170824ABC**  
**SAN MARCOS, TEXAS**

San Marcos Texas Community Radio Association (SMT CRA) is requesting an engineering STA to resume operation of KZSM – LP with reduced operational parameters. SMT CRA believes that it is in the public interest for KZSM – LP to resume operation with a reduced facility. Currently the only other local FM broadcast service is KTSW, Facility ID 61553. KTSW is owned by Texas State University and is part of their broadcast journalism program. Grant of this Engineering STA will allow for more diversity in local San Marcos, Texas community programming.

SMT CRA has a construction permit, LMS file 0000220206 to build a new facility on ch 281 and new location of transmitter site.

SMT CRA has a leased office space in a two story building downtown San Marcos, Texas. The building owner has given permission for SMT CRA to place the antenna on top of the building upon an existing short pole. The antenna is single bay non-directional.

Proposed STA location NAD 83

29 – 53 – 00.0 N  
97 – 56 – 28.7 W

ERP – 0.001 kw (H) and (V)  
RCAGL – 9 meters

Currently KZOS is off the air under the authority of a silent STA.

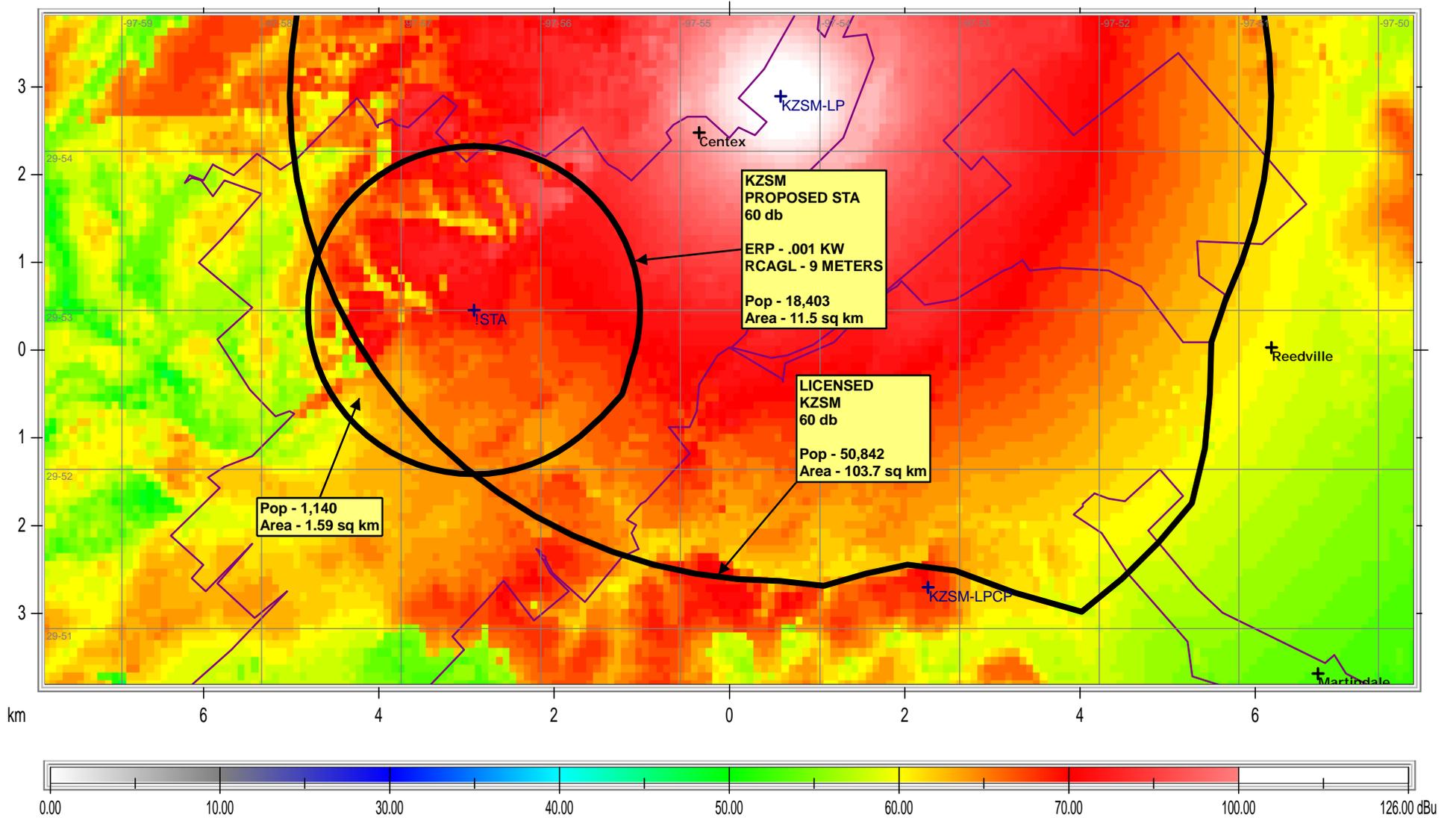
**Exhibit A** – Licensed 60 db and proposed STA 60 db

SMT CRA is requesting a waiver of the requirement that the STA should not be extending the 60 db contour of the silent licensed facility. When the License to Cover is granted, KZSM will cease operation at the engineering STA site. The Longley Rice underlay showing that there are 60 db or greater points in the indicated area outside the licensed KZSM 60 db contour.

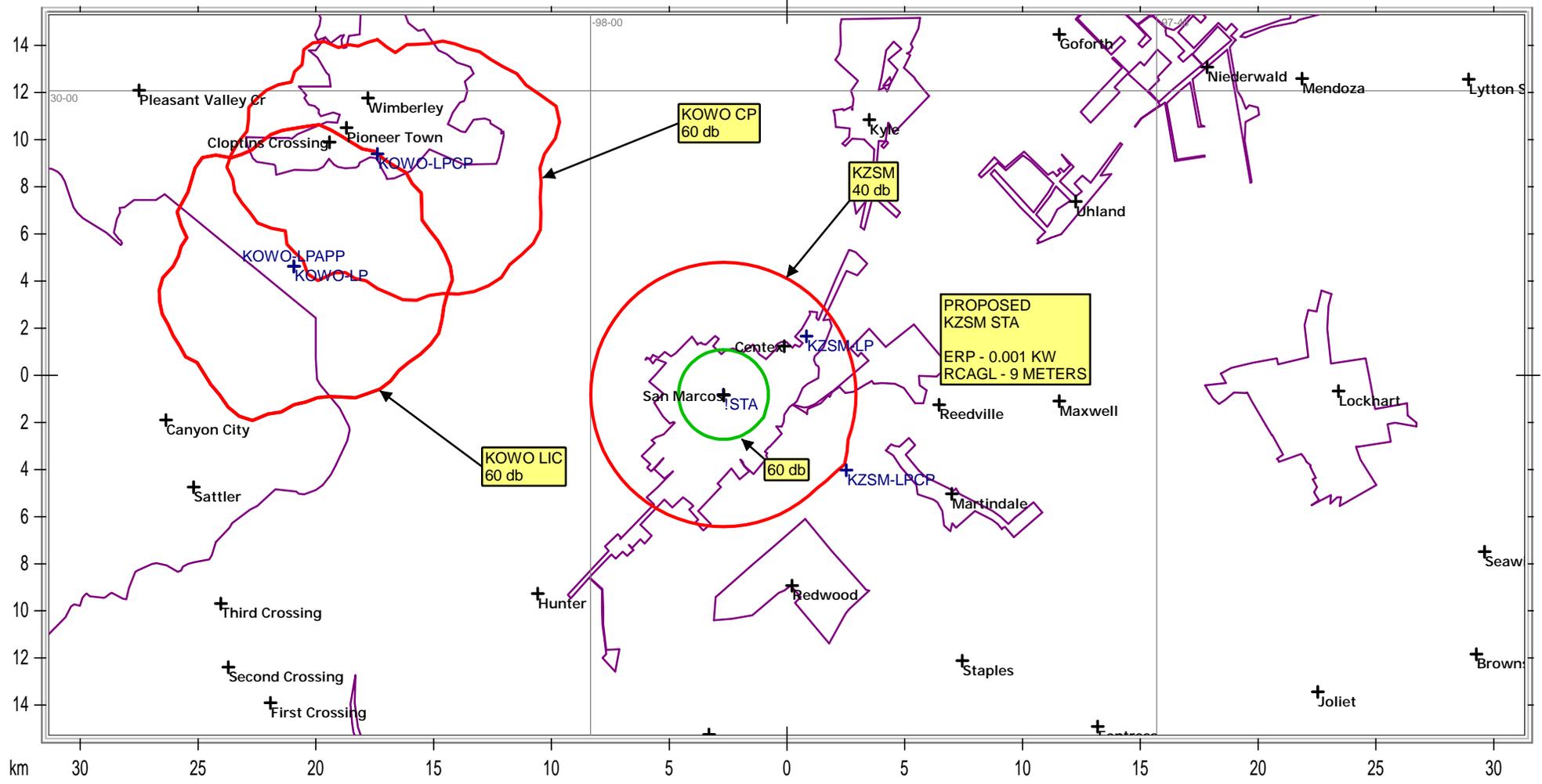
**Exhibit B** – Shows that the proposed STA 40 db contour does not touch the protected 60 db contours of KOWO – LP.

**Exhibit** – Aerial view of proposed STA site.

UNDERLAY LONGLEY RICE



State Borders    City Borders    Lat/Lon Grid



State Borders    City Borders    Lat/Lon Grid

# AERIAL

PROPOSED STA SITE

## Legend

 KZSM

Methodist Church - San Marcos

N Guadalupe St

KZSM

The Taproom

The Root Cellar Cafe

Red Room Social Lounge

Max Burgers Fries and Shakes

White Birch

E Hopkins St

W Hopkins St

Circle at Cottonwood Creek by

LBJ Museum

N Guadalupe St

The Square

N 15th Dr

Google Earth

80 m

