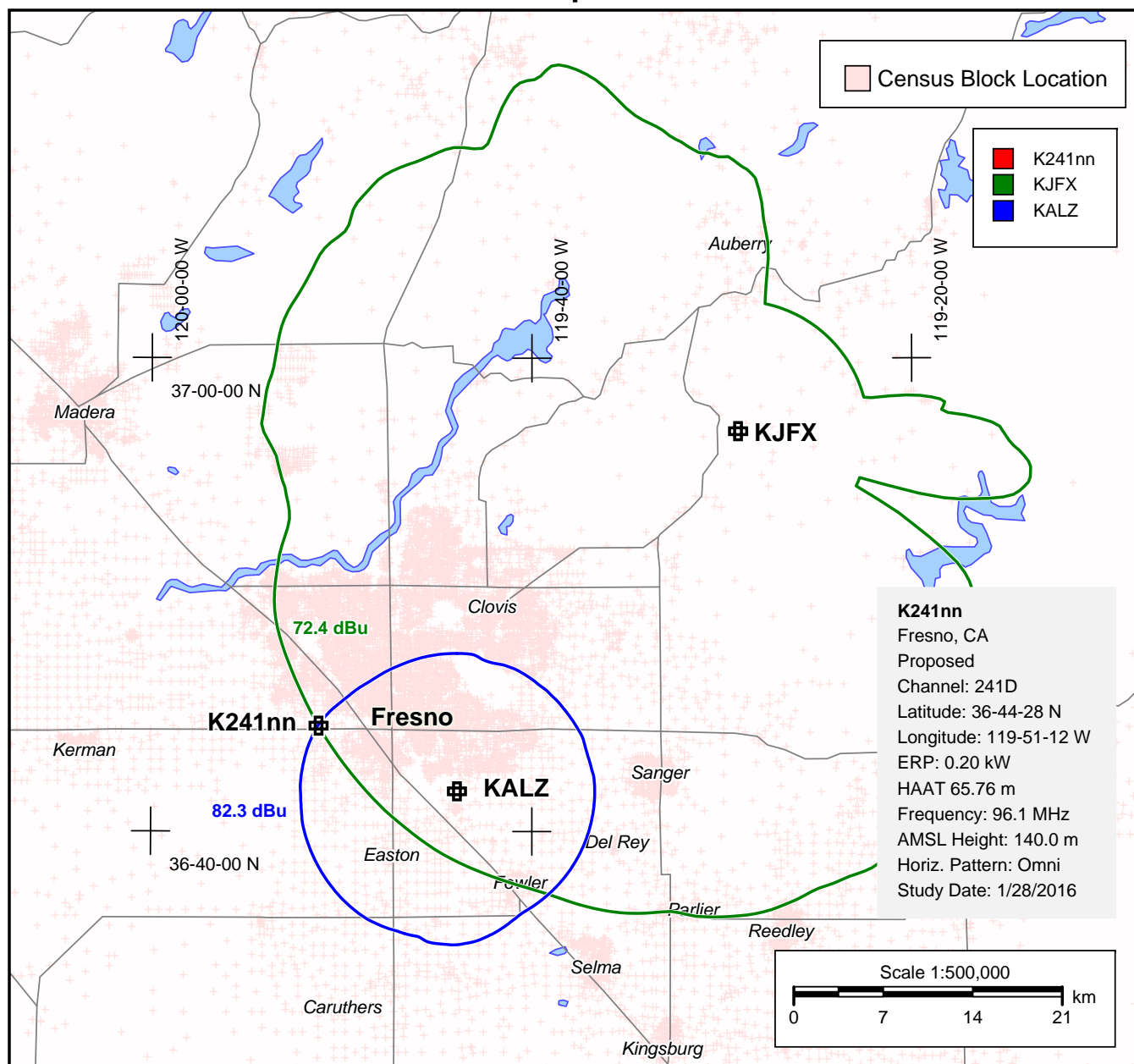


## Exhibit 13 A - 47 CFR 74.1204 Compliance - KJFX 239B & KALZ 244B1



### 2nd Adjacent KJFX 239B Fresno

places a signal strength of 72.4 dBu at the proposed translator tower site.

3rd adjacent KALZ 244B1 places a signal strength of 82.3 dBu at the proposed tower site.

Using a U/D method of determining the level of interference the more restrictive protection is to KJFX. The translator's interfering signal strength value is 112.4 dBu.

As shown on exhibit 13B following, the 112.4 dBu interfering signal will extend a maximum of 15.5 meters from the tower base near the ground. There are no occupied structures within 60 meters of the tower base. Therefore no prohibited interference will occur.

**W241nn Fresno, CA**  
**Proposed 200 Watts ERP**

Maximum ERP      Interfering contour value ----->      112.4      dBu  
 0.2      kW      RCAGL (m)----->      50      meters  
                                  Antenna Type ----->      4

Antenna Type      4      =      **ERI, 3-bay, half-wave spaced**

Angle Below Horizontal (degrees)	Vertical Pattern**** (REL. FIELD)	241nn Fresno, ERP (kW)	41nn Fresno, ERP (dBk)	Proposed Free-Space Distance to interfering contour (meters)	Slant Distance (meters) *	Height of 112.4 dBu interfering contour above ground (feet)**	Proposed Interference within 30 ' of ground level?	Horizontal Distance (meters) ***	Horizontal Distance (feet) ***
0	1.000	0.2000	-6.990	237.4	N/A	164.0			
5	0.926	0.1715	-7.657	219.8	469.3	101.2	No	219.0	718.5
10	0.723	0.1045	-9.807	171.7	235.5	66.2	No	169.0	554.6
15	0.443	0.0392	-14.062	105.2	158.0	74.7	No	101.6	333.3
20	0.155	0.0048	-23.183	36.8	119.6	122.7	No	34.6	113.5
25	0.081	0.0013	-28.820	19.2	96.8	137.4	No	17.4	57.2
30	0.227	0.0103	-19.869	53.9	81.8	75.6	No	46.7	153.1
35	0.274	0.0150	-18.235	65.1	71.3	41.6	No	53.3	174.8
40	0.236	0.0111	-19.531	56.0	63.6	45.9	No	42.9	140.8
45	0.146	0.0043	-23.703	34.7	57.8	83.6	No	24.5	80.4
50	0.036	0.0003	-35.864	8.5	53.4	142.6	No	5.5	18.0
55	0.066	0.0009	-30.599	15.7	49.9	121.9	No	9.0	29.5
60	0.141	0.0040	-24.005	33.5	47.2	68.9	No	16.7	54.9
65	0.183	0.0067	-21.741	43.4	45.1	34.9	No	18.4	60.2
70	0.191	0.0073	-21.369	45.3	43.5	24.2	Yes	15.5	50.9
75	0.170	0.0058	-22.381	40.4	42.3	36.1	No	10.4	34.3
80	0.127	0.0032	-24.914	30.2	41.5	66.6	No	5.2	17.2
85	0.069	0.0010	-30.213	16.4	41.1	110.5	No	1.4	4.7
90	0.001	0.0000	-66.990	0.2	40.9	163.3	No	0.0	0.0

\* Slant distance from antenna center of radiation to location 30 feet (9.1 meters) above ground level at angle below horizontal.

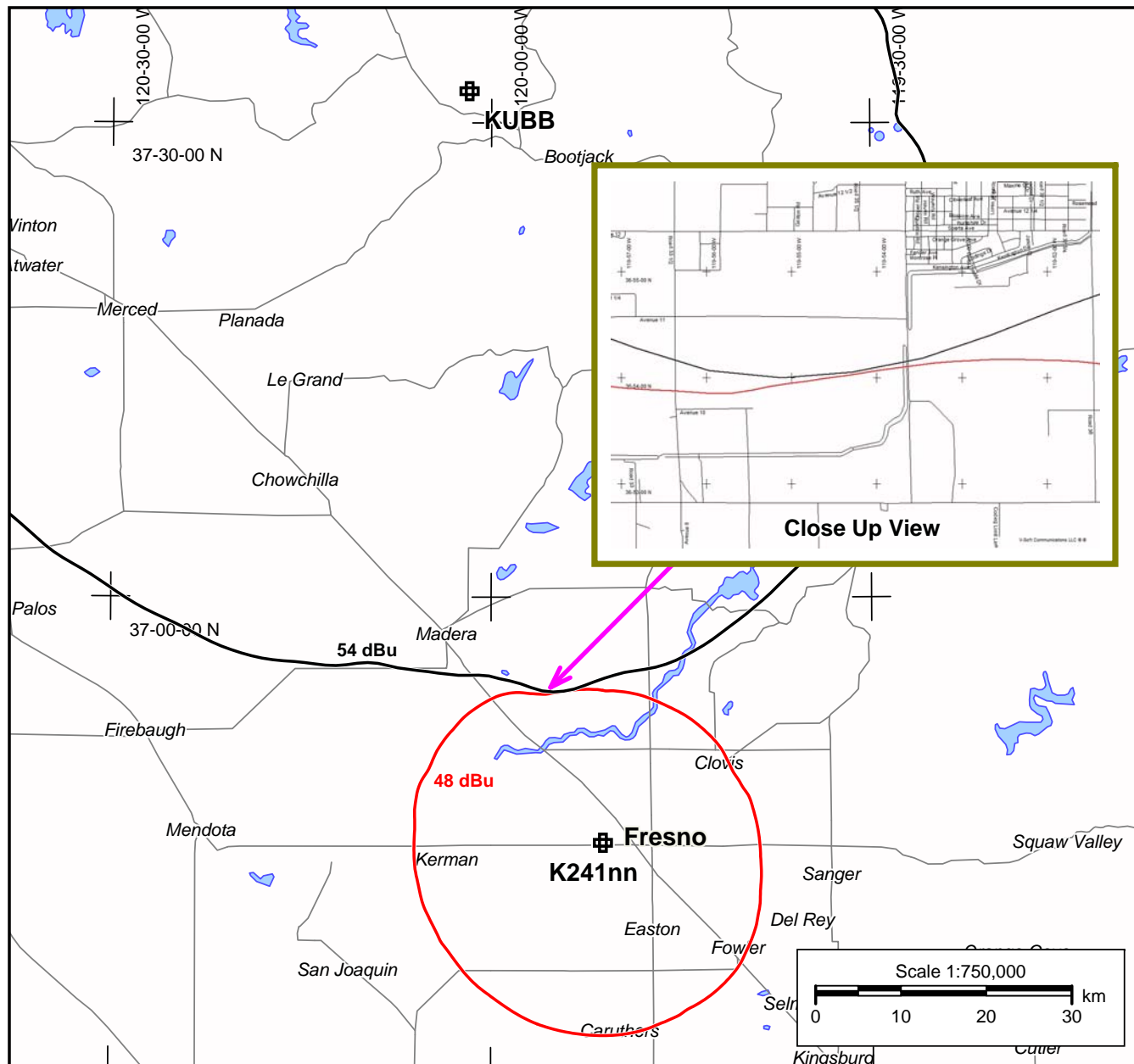
\*\* A negative number indicates that the interfering contour is predicted to reach ground level. If a negative number is present, the interfering contour reaches ground level at the "Horizontal Distance" described below.

\*\*\* Horizontal distance from tower base to interfering contour at the indicated height above ground level. If a negative height above ground level is indicated, this horizontal distance is the distance from the tower base to the interfering contour. This horizontal distance is only relevant if the proposed interference is predicted to occur within 30 feet of ground level.

## Exhibit 13 C - Protection to KUBB 242B Mariposa, CA



Map shows there is no prohibited overlap from the proposed translator to first adjacent KUBB 242B Mariposa, CA.



### KUBB

Mariposa, CA  
BLH20020204AAQ  
Channel: 242B  
Latitude: 37-32-01 N  
Longitude: 120-01-46 W  
ERP: 1.90 kW  
HAAT 639.0 m  
Frequency: 96.3 MHz  
AMSL Height: 1329.0 m  
Elevation: 1265.0 m  
Horiz. Pattern: Omni  
Study Date: 1/28/2016

### K241nn

Fresno, CA  
Proposed  
Channel: 241D  
Latitude: 36-44-28 N  
Longitude: 119-51-12 W  
ERP: 0.20 kW  
HAAT 65.76 m  
Frequency: 96.1 MHz  
AMSL Height: 140.0 m  
Horiz. Pattern: Omni  
Study Date: 1/28/2016