EXHIBIT 13

Interference Considerations

The operation of the proposed FM translator conforms with the requirements of Section 74.1204 of the Commission's Rules for a Class D station on Channel 232 with respect to overlap of predicted contours with the licensed operation of any FM station, LPFM station or FM translator, and the operation of any such facilities specified in a construction permit or pending application, on the same channel and the first adjacent channels, as shown in this Exhibit. On the second and third adjacent channels, the proposed translator site is located within the predicted protected contours of three existing FM stations. This Exhibit demonstrates that under Section 74.1204(d) of the Rules no objectionable interference will be caused to any of these stations. The proposed FM translator therefore would not result in objectionable interference to any station.

Figure 1 of this Exhibit shows the pertinent predicted contours for the proposed FM translator and co-channel station KBUA(FM), San Fernando, California, on Channel 232A; and FM Booster KBUA-FM1, Valencia and Newhall, California, on Channel 232D.

The pertinent predicted contours for the proposed FM translator and first-adjacent-channel station KFYZ(FM), Ellwood, California, on Channel 233B are shown in Figure 2 of this Exhibit.

Figure 3 of this Exhibit depicts the location of the proposed FM translator site with respect to the predicted protected contours for the nearby FM stations on the second and third adjacent channels. As shown in Figure 3, the proposed translator site is located within the 54 dBu F(50,50) contours for KTWV(FM), Los Angeles, on Channel 234B; KXOS(FM), Los Angeles, on Channel 230B; and KDB(FM), Santa Barbara, on Channel 229B (all in California).

The potential for interference from the proposed FM translator to KTWV(FM), KXOS(FM), and KDB(FM) was evaluated by determining the area in which the ratio of undesired to desired signal between the proposed translator and each of these stations equals or exceeds 40 dB, using free space propagation calculations for the translator signal.

With respect to KTWV(FM), the predicted F(50,50) signal of KTWV(FM) at the proposed translator site is 68.1 dBu, and interference would occur where the translator signal is 108.1 dBu (254 mV/m) or greater. In the case of KXOS(FM), the predicted F(50,50) signal of KXOS(FM) at the proposed translator site is 62.7 dBu, and interference would occur where the translator signal is 102.7 dBu (136 mV/m) or greater.

EXHIBIT 13 (continued)

Interference Considerations

The predicted F(50,50) signal of KDB(FM) at the proposed FM translator site is 56.5 dBu, and interference would occur where the translator signal is 96.5 dBu (66.8 mV/m) or greater. Computations show that, for operation at 7.0 watts effective radiated power and assuming uniform radiation from the proposed translator in all directions in the horizontal plane, interference to KDB(FM) would not extend beyond a distance of 277 meters from the translator antenna.

The map of Figure 4 of this Exhibit is the most recent edition of the USGS 7-1/2-minute topographic map showing the vicinity of the proposed FM translator site. Figure 4 depicts the proposed translator site and a circle drawn at a radius of 0.277 kilometer from the proposed site. The location is on a mountain ridge, and the surrounding area is open mountainous land. Although there are ranching equipment storage buildings at the site, there are no residences, and no accessible roads located within this circle. The location of the nearest of the several residences on the mountain ridge is shown in Figure 4. This application conforms with the requirements of Section 74.1204(d) of the Commission's Rules, as the area within the circle is unpopulated, and operation of the proposed FM translator therefore would not result in objectionable interference to KXOS(FM), KTWV(FM) or KDB(FM).

The predicted contours shown in this Exhibit were determined in accordance with the requirements of Section 73.313 of the Commission's Rules, from computerized calculations based on the NGDC 30-second terrain database and Figures 1 and 1a of Section 73.333 of the Rules. Distances to contours were calculated at azimuthal increments of one degree.

Fred W. Volken
Engineering Consultant

August 2013 Sierra Madre, California

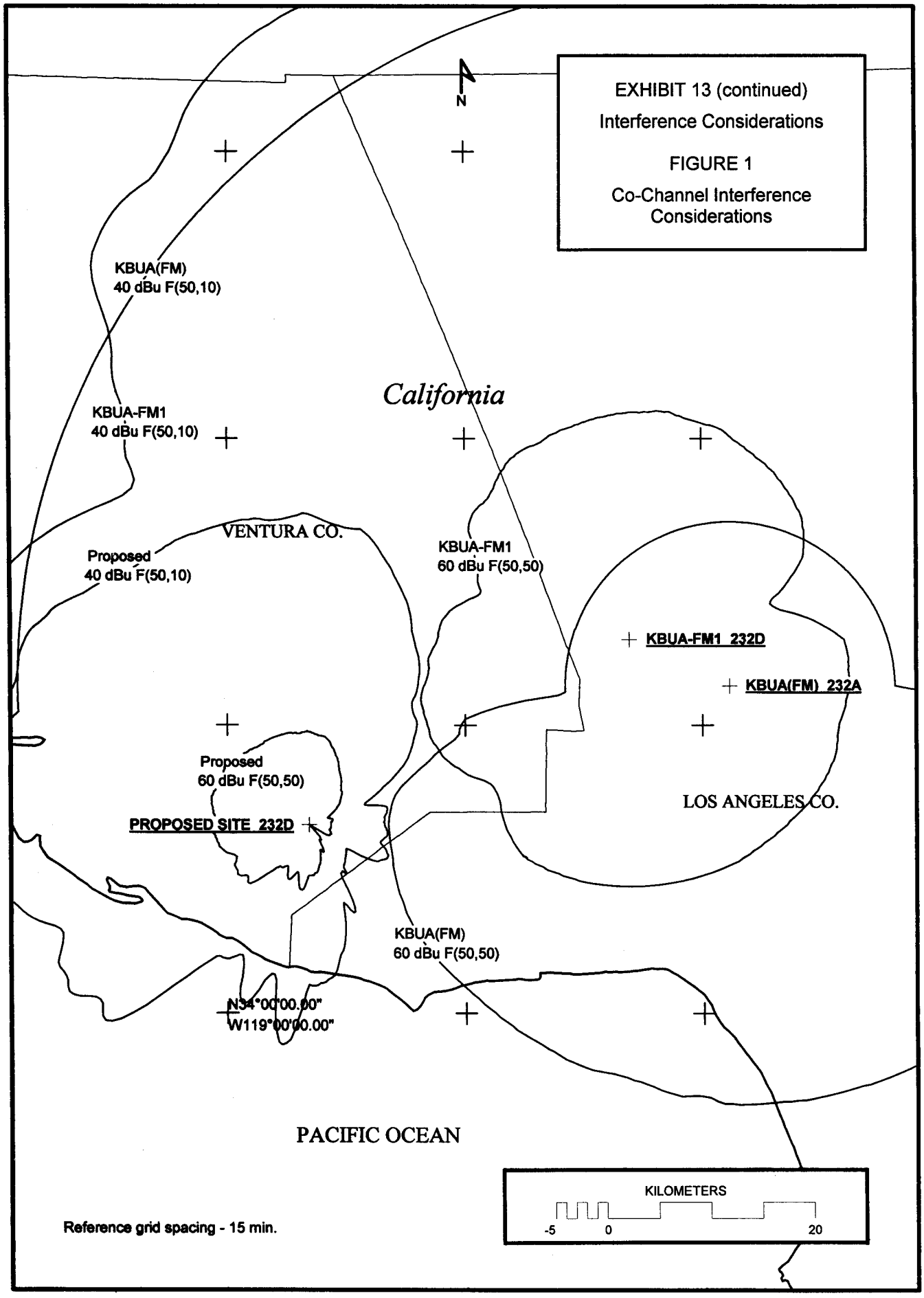
EXHIBIT 13 (continued)
Interference Considerations
FIGURE 1
Co-Channel Interference Considerations
N
KBUA(FM)
40 dBu F(50,10)
California
KBUA-FM1
40 dBu F(50,10)
VENTURA CO.
Proposed
40 dBu F(50,10)
KBUA-FM1
60 dBu F(50,50)
KBUA-FM1 232D
KBUA(FM) 232A
Proposed
60 dBu F(50,50)
PROPOSED SITE 232D
LOS ANGELES CO.
KBUA(FM)
60 dBu F(50,50)
N34°00'00.00"
W119°00'00.00"
PACIFIC OCEAN
KILOMETERS
-5
0
20
Reference grid spacing - 15 min.

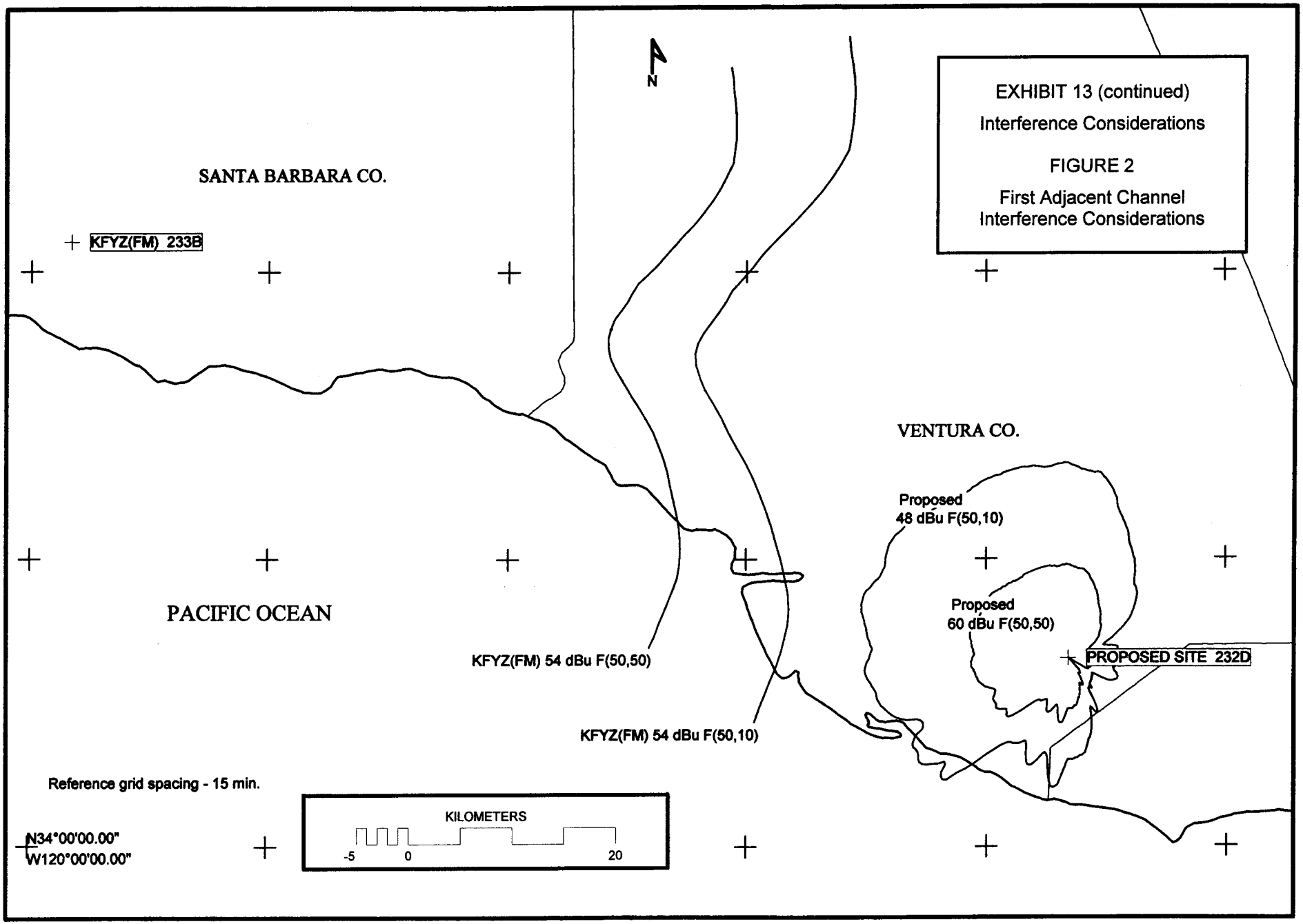
EXHIBIT 13 (continued)
Interference Considerations
FIGURE 2
First Adjacent Channel
Interference Considerations
N
SANTA BARBARA CO.
KFYZ(FM) 233B
VENTURA CO.
Proposed
48 dBu F(50,10)
Proposed
60 dBu F(50,50)
PROPOSED SITE 232D
PACIFIC OCEAN
KFYZ(FM) 54 dBu F(50,50)
KFYZ(FM) 54 dBu F(50,10)
Reference grid spacing - 15 min.
N34°00'00.00"
W120°00'00.00"
KILOMETERS
-5
0
20

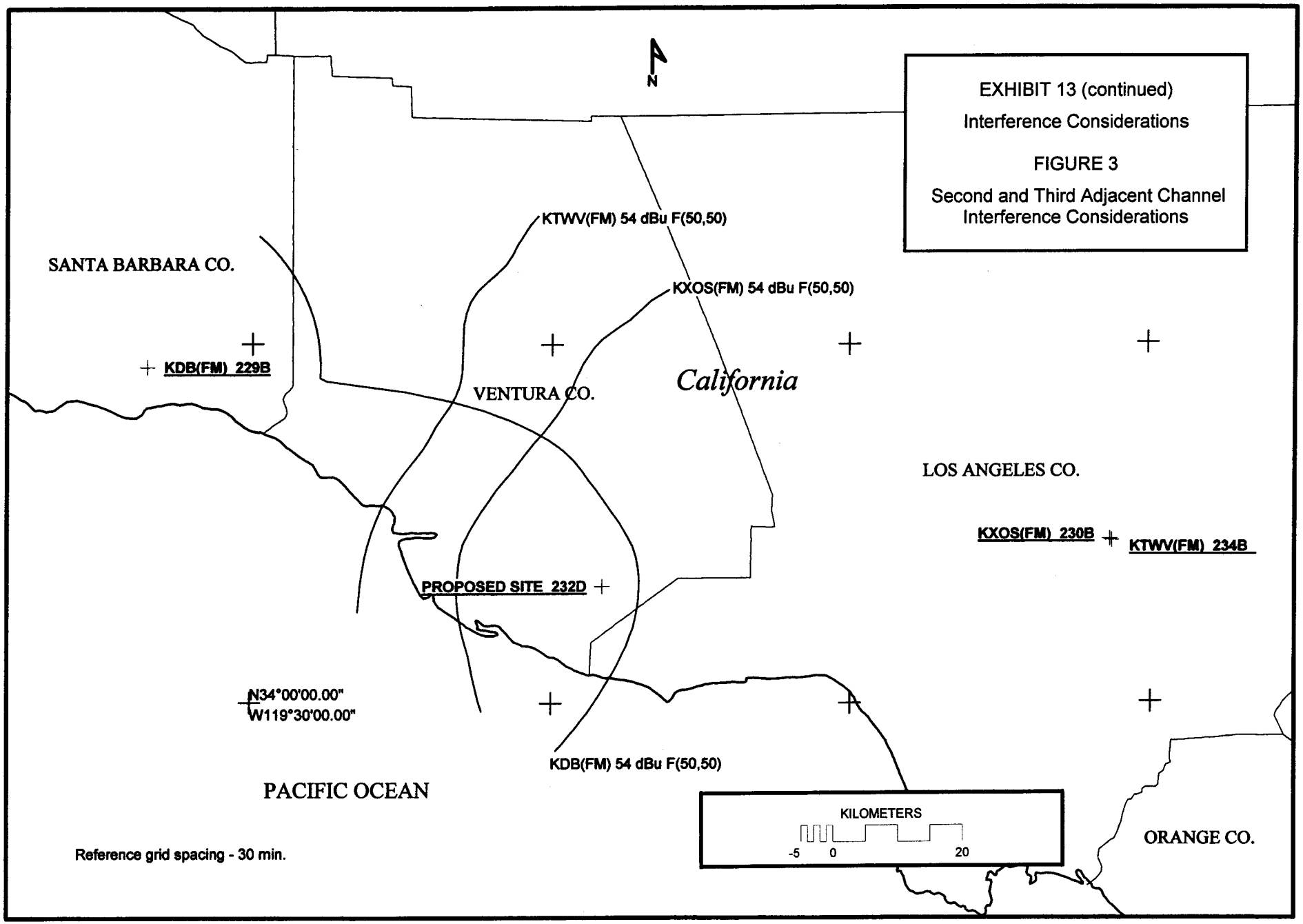
EXHIBIT 13 (continued)
Interference Considerations
FIGURE 3
Second and Third Adjacent Channel Interference Considerations
N
KTWV(FM) 54 dBu F(50,50)
KXOS(FM) 54 dBu F(50,50)
SANTA BARBARA CO.
KDB(FM) 229B
VENTURA CO.
California
LOS ANGELES CO.
KXOS(FM) 230B
KTWV(FM) 234B
PROPOSED SITE 232D
N34°00'00.00"
W119°30'00.00"
KDB(FM) 54 dBu F(50,50)
PACIFIC OCEAN
KILOMETERS
-5 0 20
ORANGE CO.
Reference grid spacing - 30 min.

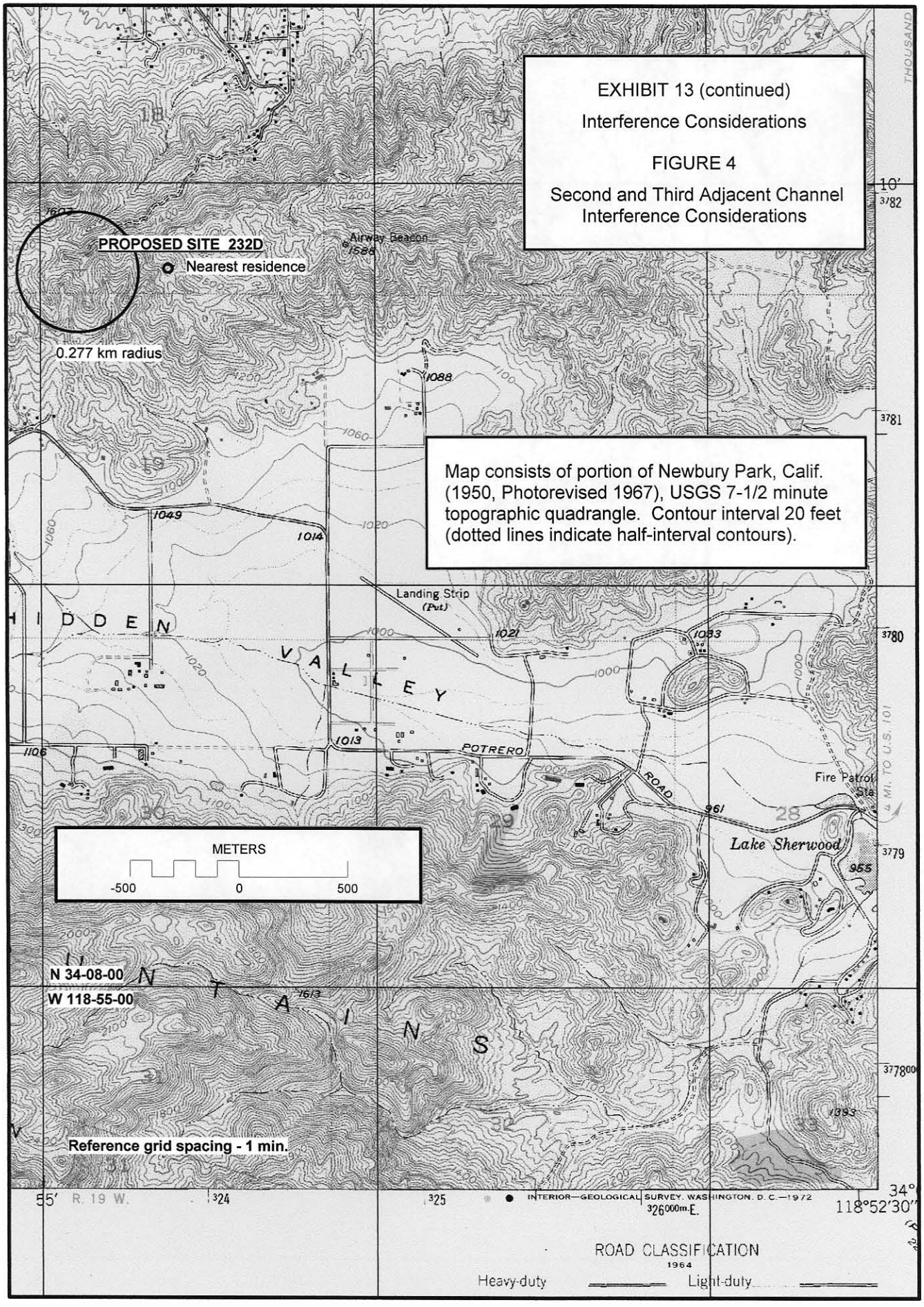
EXHIBIT 13 (continued)
Interference Considerations
FIGURE 4
Second and Third Adjacent Channel Interference Considerations
PROPOSED SITE 232D
Nearest residence
0.277 km radius
Airway Beacon
1588
Map consists of portion of Newbury Park, Calif. (1950, Photorevised 1967), USGS 7-1/2 minute topographic quadrangle. Contour interval 20 feet (dotted lines indicate half-interval contours).
Landing Strip (Pvt)
HIDDEN VALLEY
POTRERO ROAD
Fire Patrol Sta
Lake Sherwood
4 MI. TO U.S. 101
METERS
-500
0
500
N 34-08-00
W 118-55-00
Reference grid spacing - 1 min.
ROAD CLASSIFICATION
1964
Heavy-duty
Light-duty
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972
118°52'30"
34°