EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of NRJ TV LA LICENSE CO, LLC, licensee of Low Power Television Station KUAN-LP, Channel 48 in Poway, California, in support of its Application for Construction Permit to operate on Channel 36 with a digital companion channel facility. No change in site location is proposed herein.

It is proposed to utilize the existing channel and identical operating facilities of co-owned station KSKT-CD, Channel 36 in San Marcos, California, which presently operates from the site of KUAN-LP. Accordingly, an MCI 2-bay directional antenna is proposed for the instant facility. This antenna is mounted at the 15-meter level of an existing 28 meter communications tower and the main lobe of this antenna is oriented due south (180 degrees true).

Exhibit B is a map upon which the predicted service contour of the proposed facility is plotted. It is important to note that the newly proposed 51 dBu contour nearly completely encompasses the Grade A contour of analog KUAN-LP on Channel 48, as shown in Exhibit C.

Since the service contour of proposed KUAN-LD is exactly the same as that of KSKT-CD, interference from proposed KUAN-LD to any other co-channel or adjacent-channel full-power or low-power television station would be completely masked by the interference presently caused by KSKT-CD. As a result, no interference study is included herein. With respect to predicted interference from proposed KUAN-LD to KSKT-CD, since the two stations are co-owned (NRJ TV San Diego License Co., LLC is the owner of KSKT-CD), interference between these two facilities is recognized and accepted.

EXHIBIT A

For the same reason, it is believed that this application need not be coordinated with the Mexican Government, since the Mexicans have already approved the facility in operation by KSKT-CD and the proposed KUAN-LD facility is identical to that of KSKT-CD in every way.

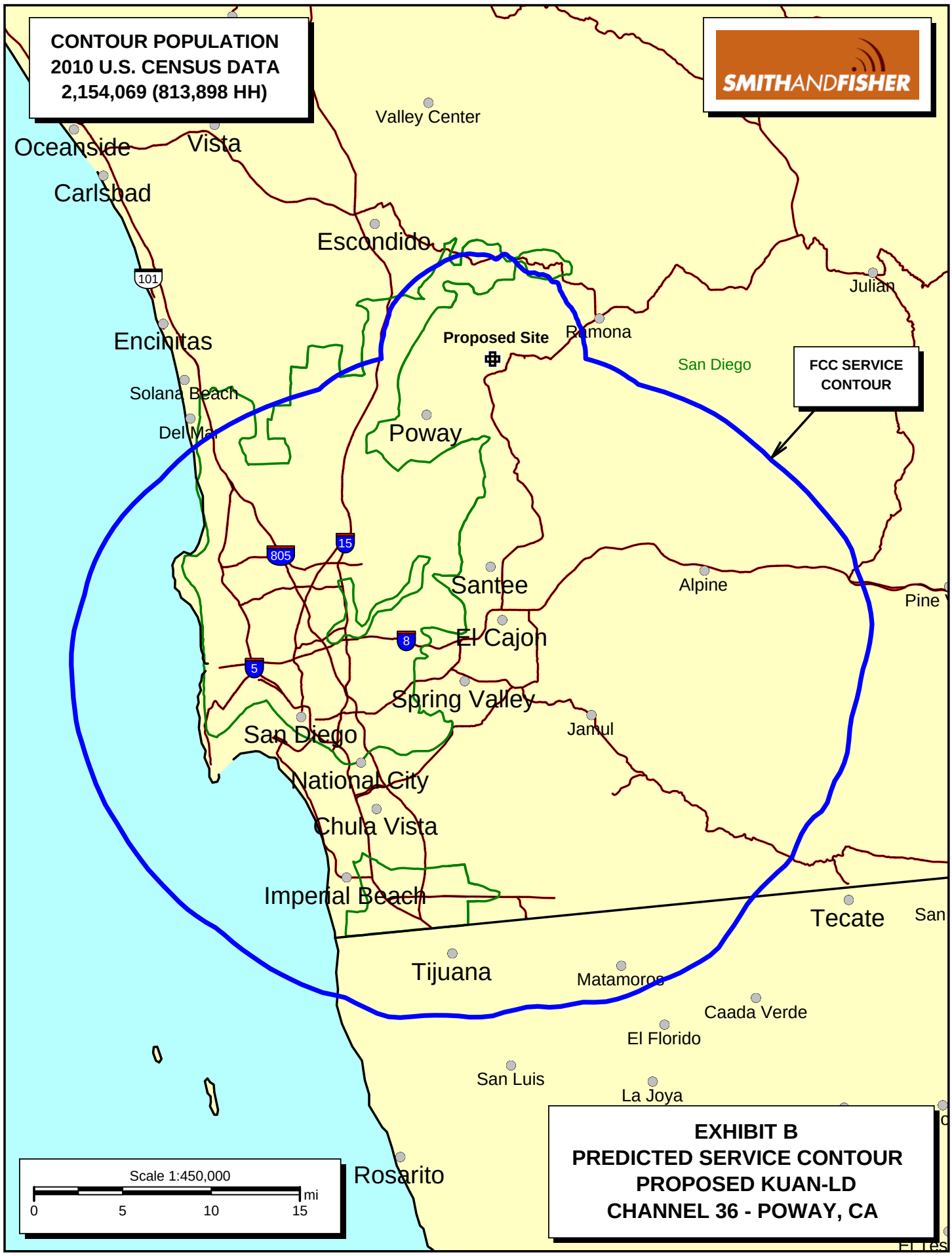
A power density calculation appears as Exhibit D.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1026468 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

February 1, 2016


CONTOUR POPULATION
2010 U.S. CENSUS DATA
2,154,069 (813,898 HH)
SMITHANDFISHER
Valley Center
Oceanside
Vista
Carlsbad
Escondido
101
Julian
Encinitas
Proposed Site
Ramona
San Diego
FCC SERVICE CONTOUR
Solana Beach
Del Mar
Poway
805
15
Santee
Alpine
Pine
El Cajon
8
5
Spring Valley
Jamul
San Diego
National City
Chula Vista
Imperial Beach
Tecate
San
Tijuana
Matamoros
Caada Verde
El Florido
San Luis
La Joya
Rosarito
Scale 1:450,000
0
5
10
15
mi
EXHIBIT B
PREDICTED SERVICE CONTOUR
PROPOSED KUAN-LD
CHANNEL 36 - POWAY, CA

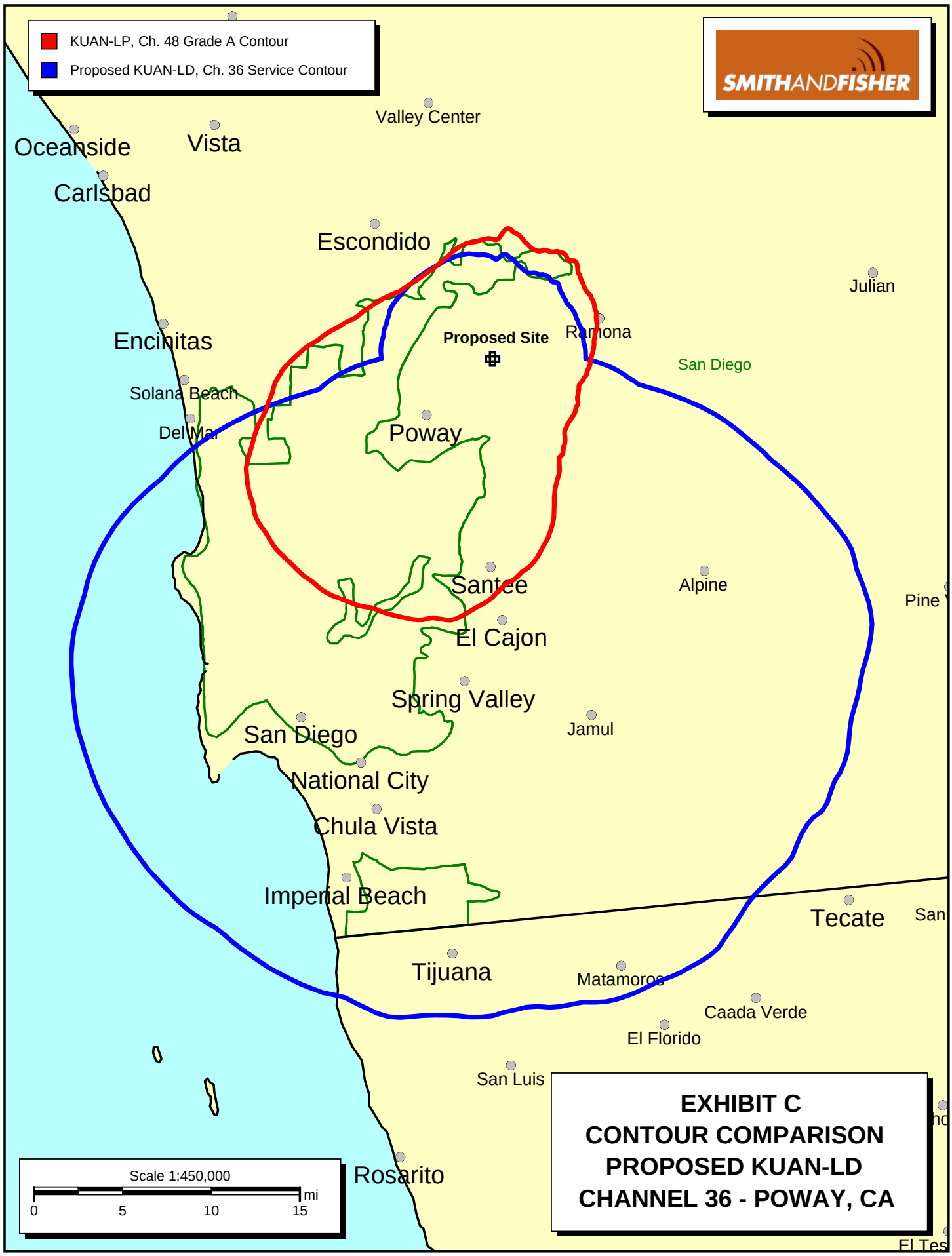

KUAN-LP, Ch. 48 Grade A Contour
Proposed KUAN-LD, Ch. 36 Service Contour
SMITHANDFISHER
Valley Center
Oceanside
Vista
Carlsbad
Escondido
Julian
Encinitas
Proposed Site
Ramona
San Diego
Solana Beach
Del Mar
Poway
Santee
Alpine
El Cajon
Spring Valley
Jamul
San Diego
National City
Chula Vista
Imperial Beach
Tecate
Tijuana
Matamoros
Caada Verde
El Florido
San Luis
Rosarito
Scale 1:450,000
0 5 10 15 mi
EXHIBIT C
CONTOUR COMPARISON
PROPOSED KUAN-LD
CHANNEL 36 - POWAY, CA

EXHIBIT D

POWER DENSITY CALCULATION

PROPOSED KUAN-LD
CHANNEL 36 – POWAY, CALIFORNIA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Poway facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 5.0 kW, an antenna radiation center 15 meters above ground, and the specific elevation pattern of the MCI 955512 antenna, maximum power density two meters above ground of 0.012 mW/cm^2 is calculated to occur 12 meters south of the base of the tower. Since this is only 3.0 percent of the 0.40 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 36 (602-608 MHz), this proposal may be excluded from consideration with respect to public exposure to non-ionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive non-ionizing radiation.