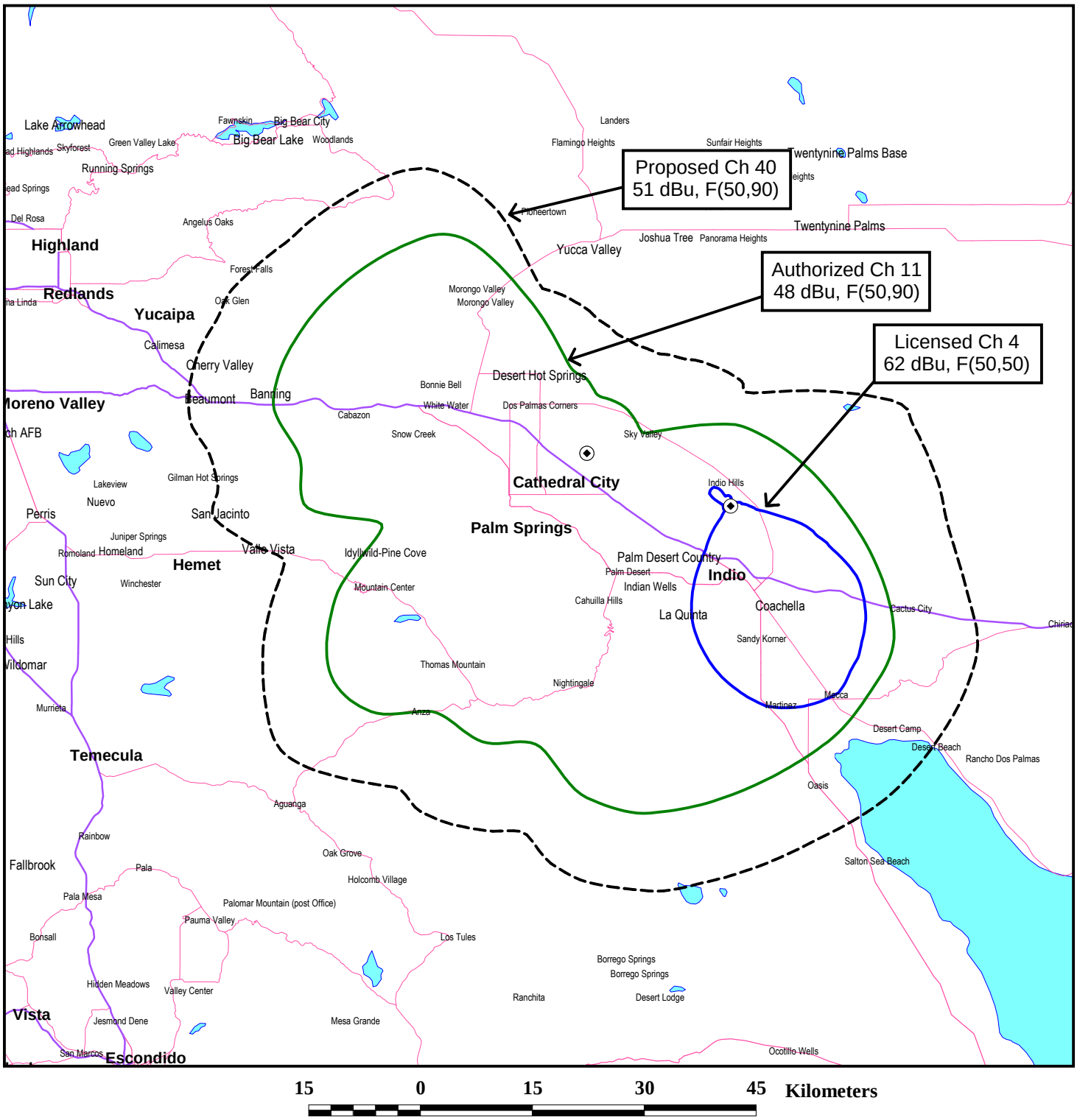


FCC PREDICTED COVERAGE CONTOURS

STATION KVER-CA
INDIO, CALIFORNIA
CH 41 15 KW (MAX-DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida 34237

TOWAIR Determination Results

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7670.90 MTRS (7.67089 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	33-50-7.00N	116-30-35.00W	PALM SPRINGS INTL	RIVERSIDE PALM SPRINGS, CA	121.4	3048.3000000000002

PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7875.72 MTRS (7.87570 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	33-50-26.00N	116-31-3.00W	PALM SPRINGS INTL	RIVERSIDE PALM SPRINGS, CA	121.4	3048.3000000000002

Your Specifications

NAD83 Coordinates

Latitude	33-51-56.1 north
Longitude	116-26-01.0 west

Measurements (Meters)

Overall Structure Height (AGL)	33.2
Support Structure Height (AGL)	33.2
Site Elevation (AMSL)	469.4

Structure Type

LTOWER - Lattice Tower

Tower Construction Notifications
Notify Tribes and Historic Preservation Officers of your plans to build a tower.

Figure 3

OET-69 INTERFERENCE ANALYSIS TO MEXICAN ASSIGNMENTS

```
VERSION: 64-BIT
STUDY DATE: 05/16/2013
STUDY TIME: 13:45:21
INTERFERENCE CAUSED
RSS/SUM NOT ENABLED
CELL SIZE (KM):          1.00
TERRAIN INCREMENT (KM):  1.00
USING OFFSET IN DETERMINING THRESHOLDS

**********************************************************************

TERRAIN DATABASE:        o:\ned3\
NAD CONVERSION DATABASE: m:\gnis\
POPULATION DATABASE:     o:\pop\pop2010\

**********************************************************************

NEW-DT 32-28-26 116-53-49  41( )  500.000 KW   590.00 M  90.0% 41.2 DBU
TIJUANA, BN  GRANT  BPFS

                                       AREA         POPULATION
WITHIN NOISE LIMITED CONTOUR      28136.55            3033097
NOT AFFECTED BY TERRAIN LOSSES    23836.87            2898249

KVER-CA 33-51-56 116-25-58  41(N)   15.000 KW   484.40 M  10.0% 51.2 DBU
INDIO, CA  APP  BDISDTA20100922ABX
DIRECTIONAL ANTENNA     REFERENCE AZIMUTH: 205.00
 1.000 0.985 0.951 0.925 0.929 0.959 0.990 0.997 0.975 0.922 0.845 0.758
 0.680 0.605 0.510 0.397 0.302 0.253 0.241 0.253 0.302 0.397 0.510 0.605
 0.680 0.758 0.845 0.922 0.975 0.997 0.990 0.959 0.929 0.925 0.951 0.985
 1.000


D/U BASELINE:   15.00
                                       AREA         POPULATION
INTERFERENCE                           0.00                 0 ( 0.0)

**********************************************************************

BLANK 31-54-00 116-40-01  41(Z) 5000.000 KW   760.00 M  50.0% 64.2 DBU
EL SAUZAL, BN

                                       AREA         POPULATION
WITHIN NOISE LIMITED CONTOUR      34585.87             715536
NOT AFFECTED BY TERRAIN LOSSES    25571.56              79921

KVER-CA 33-51-56 116-25-58  41(N)   15.000 KW   484.40 M  10.0% 51.2 DBU
```

INDIO, CA APP BDISDTA20100922ABX
DIRECTIONAL ANTENNA   REFERENCE AZIMUTH: 205.00
 1.000 0.985 0.951 0.925 0.929 0.959 0.990 0.997 0.975 0.922 0.845 0.758
 0.680 0.605 0.510 0.397 0.302 0.253 0.241 0.253 0.302 0.397 0.510 0.605
 0.680 0.758 0.845 0.922 0.975 0.997 0.990 0.959 0.929 0.925 0.951 0.985
 1.000

D/U BASELINE: 34.00

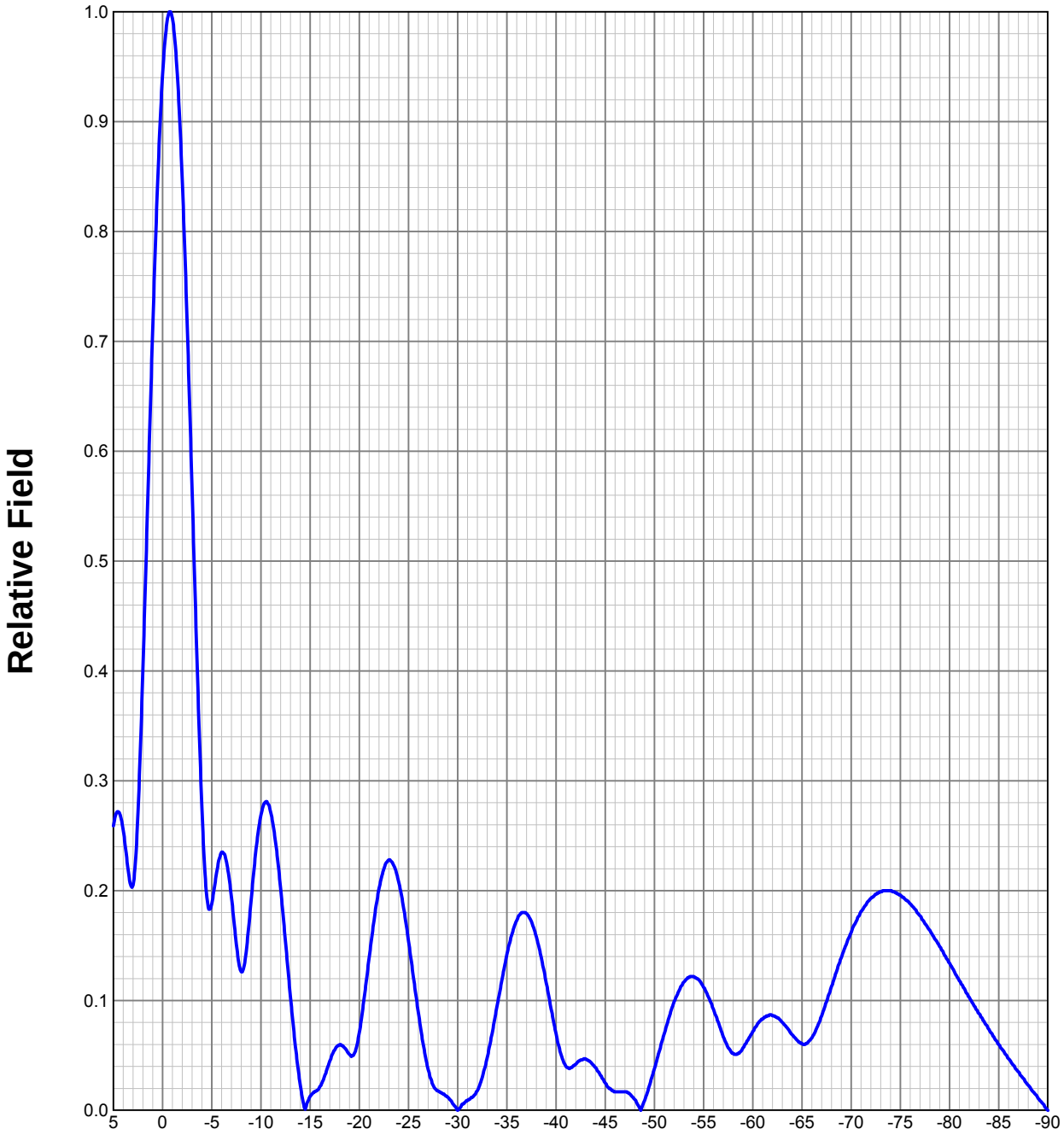
	AREA	POPULATION
INTERFERENCE	0.00	0 (0.0)

****

FACILITY				BASELINE	INTERFERENCE	PERCENTAGE
NEW-DT	41 DT TIJUANA		BN	2898249	0	0.00
BLANK	41 TA EL SAUZAL		BN	715536	0	0.00

ELEVATION PATTERN

Type:	ALP12L3		Channel:	41
Directivity:	Numeric	dBd	Location:	
Main Lobe:	12.64	11.02	Beam Tilt:	-0.75
Horizontal:	11.24	10.51	Polarization:	Horizontal



Preliminary, subject to final design and review.