

EXHIBIT 1

APPLICATION TO AMEND PENDING APPLICATION

TECHNICAL NARRATIVE

KOTX CH 254A

FACILITY ID – 171012

LMS FILE NUMBER – 0000125145

XAVIER ENTERTAINMENT, L. L. C.

HEBBRONVILLE, TEXAS

LIST OF EXHIBITS

Exhibit 1 – This technical narrative and attached exhibits

Exhibit 2 – 254C3 allotment reference point, with spacing study and map.

Exhibit 4 – 70 db Community Coverage

Exhibit 5 – C3 Spacing and map

Exhibit 6 – RFE FCC FM Model and Aerial Photos of proposed antenna site

Exhibit 7 – TOPO map of proposed antenna site

Exhibit 1

Applicant Xavier Entertainment, LLC, is submitting this amendment to pending LMS application file number 0000125145.

This amendment will make extensive changes and incorporate several new exhibits to support this application.

Applicant is requesting to change the allotment for ch 254A to ch 254C3.

Delete ch 254A Add ch 254C3

Exhibit 2– ALLOTMENT

C3 Reference point location:

NAD(83)

27 – 30 – 15.0 N

98 – 42 – 18.0 W

This C3 reference point is fully spaced to existing stations, applications, allotments and the 70 db contour fully encompasses the community of license, Hebbroville, Texas. .

This reference point is 76.6 km from the Mexico / US Border and complies with the US/Mexico Treaty.

ANTENNA SITE LOCATION

For this application.

NAD(83) coordinates:

27 – 30 – 20.0 N

98 – 42 – 23.0 W

MEXICO

The antenna site location for this amendment is 78.1 km from the border.

No Mexican or US allotment, licensed facility, or application will be impacted by this application and is in full compliance with the Mexico / US Treaty.

Applicant has received from the FAA “Determination of no hazard to air navigation” by letter dated 19 May 2021. FAA Aeronautical Study 2021 – ASW – 6648 - OE.

Applicant is also proceeding to obtain certification that the tower site will not have a significant impact on the environment and is in compliance with NEPA requirements. When this is completed, applicant will submit the required document to the Commission.

Exhibit 4

70 db contour coverage of the community of license map.

Exhibit 5

Full Space Study and map

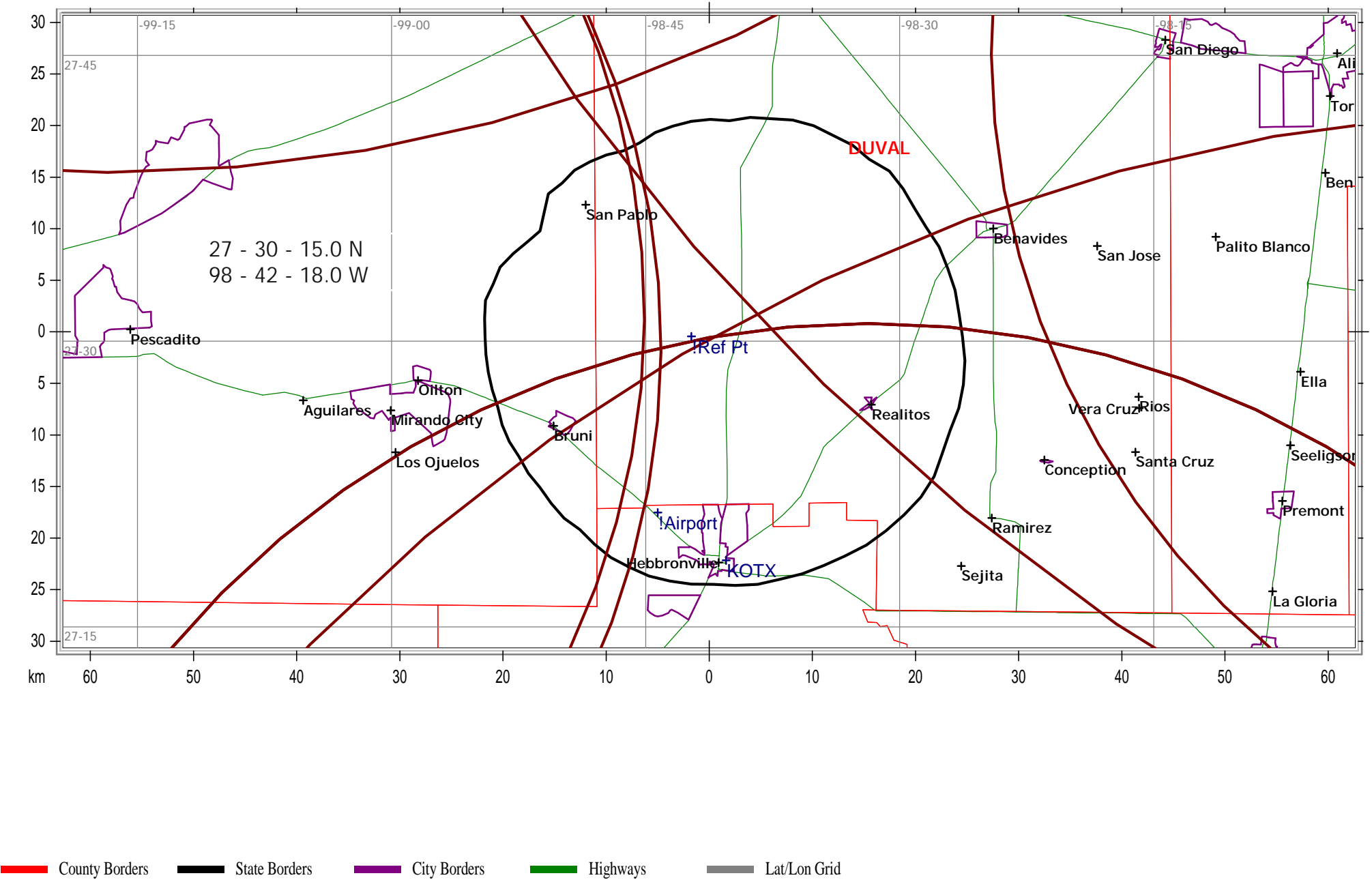
Exhibit 6

FCC online FM MODEL was used to determine uncontrolled exposure to RF fields and this proposal was found to comply with FCC rules for limits. Calculated exposure is $18.2 \mu\text{W}/\text{cm}^2$ at 29.6 meters, which is 9.1% of the maximum allowed uncontrolled exposure of $200 \mu\text{W}/\text{cm}^2$ limit.

Applicant will install the proper fencing with required signs to control public access to the site and cease transmission from this location whenever there are personnel on the tower.

EXHIBIT 2.0
FULL SPACE REFERENCE POINT
27 – 30 – 15.0 N
98 – 42 – 18.0 W

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
KOTX	TX	HEBBRONVILLE	98.7	254	1000	A	LIC	21.96	142	-120.0
MM-FM1249-A	TX	San Isidro	98.9	255	0	A		89.13	89	0.1
DKMRV	TX	SAN ISIDRO	98.9	255	0	A	APP	89.13	89	0.1
KGBT-FM	TX	MCALLEN	98.5	253	100000	C	LIC	176.67	176	0.7
XHNKFM	TA	NUEVO LAREDO	99.3	257	9550	B		80.11	77	3.1
KRRG	TX	LAREDO	98.1	251	96000	C1	LIC	80.74	76	4.7
KTXN-FM	TX	VICTORIA	98.7	254	100000	C1	LIC	216.92	211	5.9
KLMO-FM	TX	DILLEY	98.9	255	92000	C1	LIC	169.11	144	25.1
KRYS-FM	TX	CORPUS CHRISTI	99.1	256	100000	C1	LIC	108.93	76	32.9



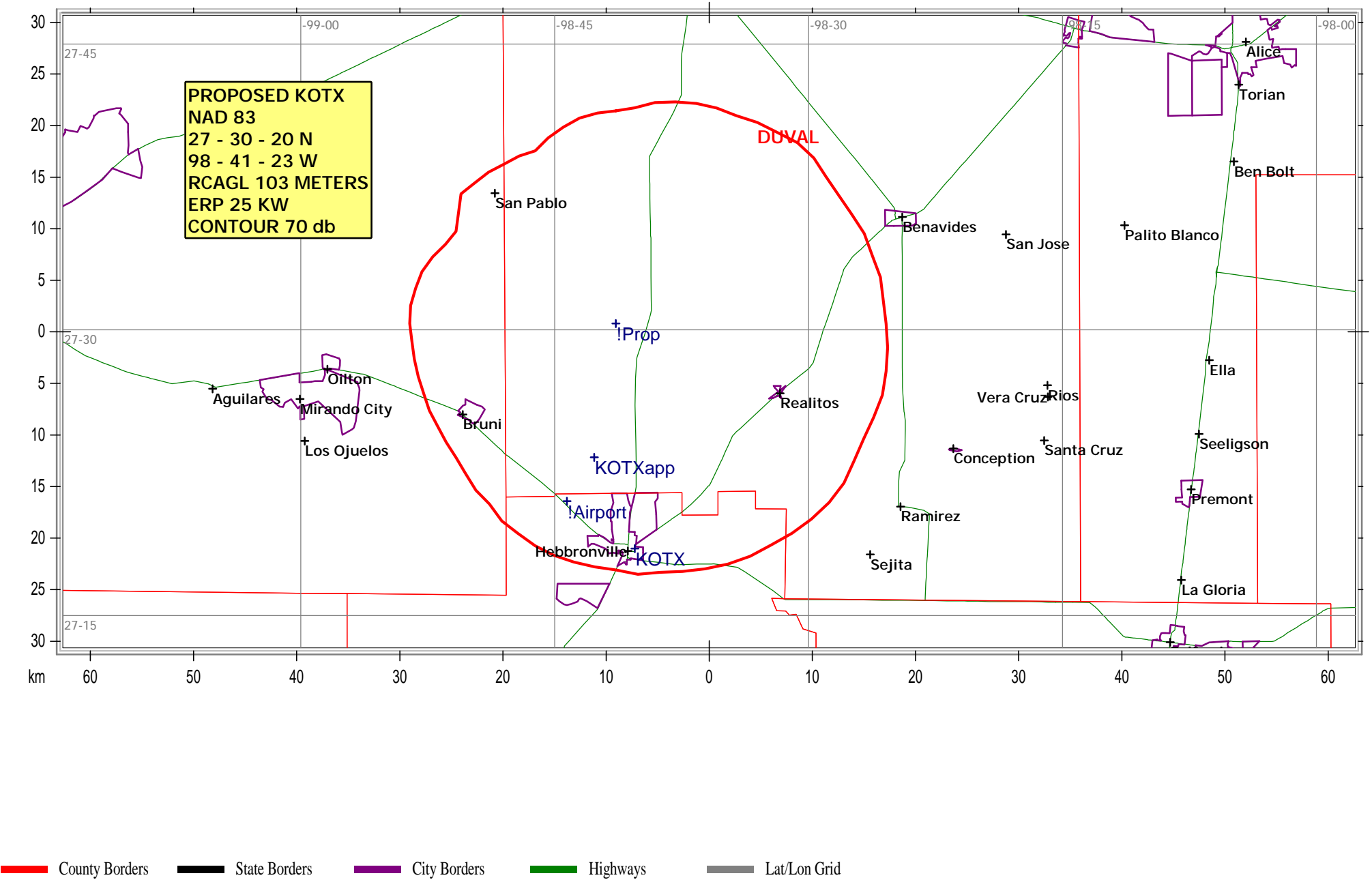
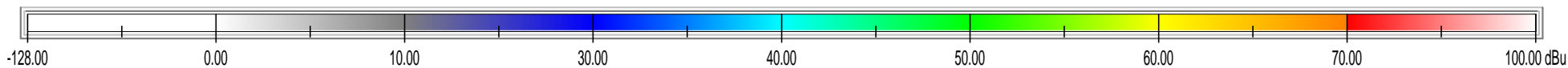
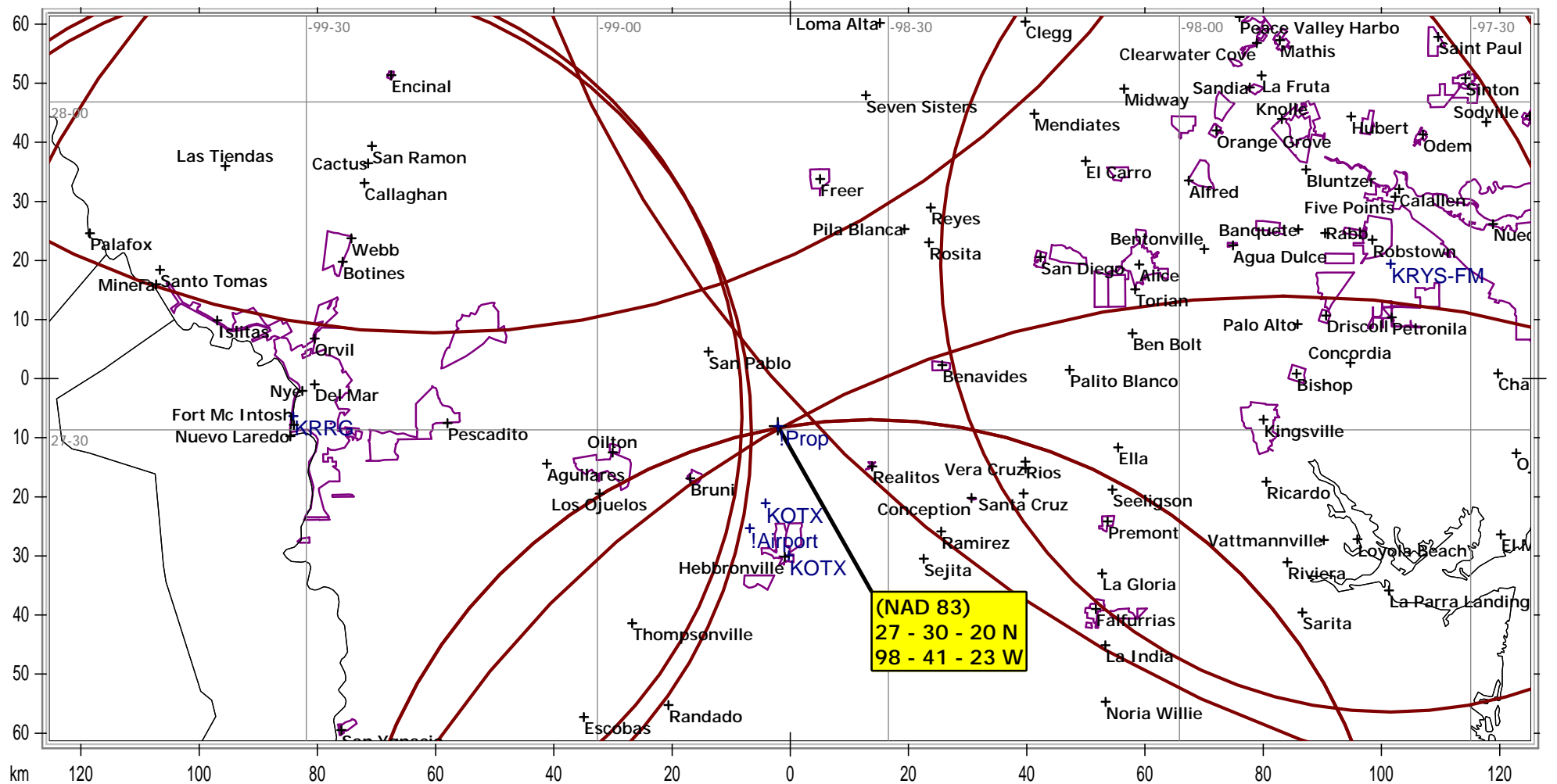


EXHIBIT 5.0
C3 FULL SPACE STUDY

27 - 30 - 20.0 N
 98 - 41 - 23.0 W

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
KOTX	TX	HEBBRONVILLE	98.7	254	25000	C3	APP	13.16	153	-139.8
KOTX	TX	HEBBRONVILLE	98.7	254	1000	A	LIC	21.9	142	-120.1
KGBT-FM	TX	MCALLEN	98.5	253	100000	C	LIC	176.01	176	0.0
MM-FM1249-A	TX	San Isidro	98.9	255	0	A		89	89	0.0
DKMRV	TX	SAN ISIDRO	98.9	255	0	A	APP	89	89	0.0
KTXN-FM	TX	VICTORIA	98.7	254	100000	C1	LIC	215.71	211	4.7
XHNKFM	TA	NUEVO LAREDO	99.3	257	9550	B	CP	81.65	77	4.6
KRRG	TX	LAREDO	98.1	251	100000	C1	LIC	82.27	76	6.3
KLMO-FM	TX	DILLEY	98.9	255	92000	C1	LIC	169.51	144	25.5
KRYS-FM	TX	CORPUS CHRISTI	99.1	256	100000	C1	LIC	107.41	76	31.4




 State Borders
 City Borders
 Lat/Lon Grid

EXHIBIT 6 FCC / FAA ITEM 20

Aerial of site


Legend

 KOTX

Presa Tank

Leona Tank

KOTX C3 REF PT

 Prop KOTX

312

Google Earth

© 2021 Google
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1 km

EXHIBIT 6 FCC / FAA ITEM 20

Enlarged View

Legend

 KOTX

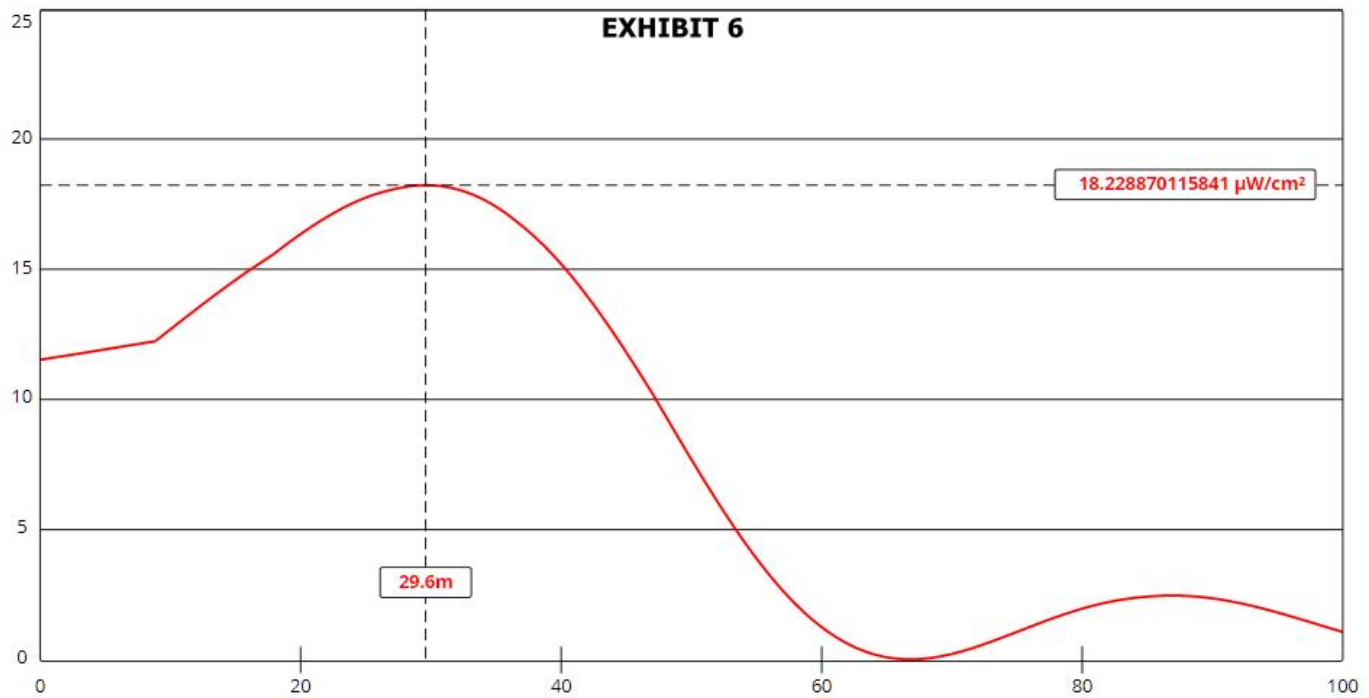
 Prop KOTX

Google Earth

© 2021 Google
© 2021 Europa Technologies



500 m



[View Tabular Results +](#)

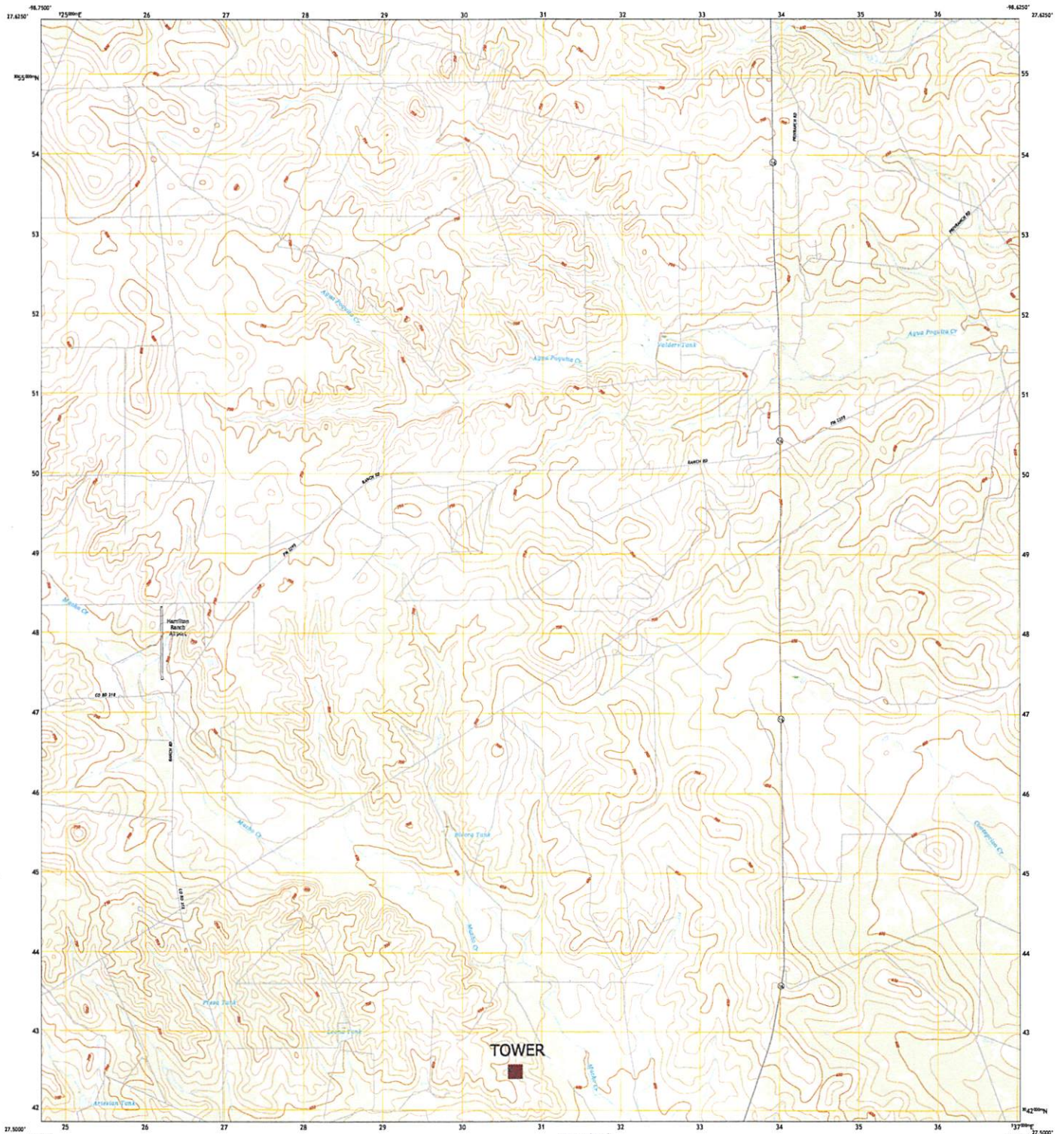
Channel Selection	Channel 254 (98.7 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	<input type="text" value="103"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="25000"/>	ERP-V (W)	<input type="text" value="25000"/>
Num of Elements	<input type="text" value="6"/>	Element Spacing (λ)	<input type="text" value="1"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

EXHIBIT 7
KOTX TOWER LOCATION
The National Map
US Topo

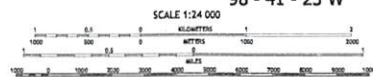
PARRILLA CREEK SW QUADRANGLE
TEXAS - DUVAL COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD 83)
World Geodetic System of 1984 (WGS 84) Projection and
100-meter grid-coordinates. Transverse Mercator, Zone 16S
This map is not a legal document. Boundaries may be
generalized for the map scale. Private lands within government
reservations may not be shown. State jurisdiction under
various public laws.

Map Date: 2019
Map Scale: 1:24,000
Map Series: 7.5-Minute Series
Map Sheet: 27-30-20 N 98-41-23 W



CONTIGUOUS INTERNAL 10 METERS
NORTH AMERICAN DATUM OF 1983
This map was produced to conform with the
National Geographic Program of the United States, 2011.
A modification to the standard USGS product is shown version 1.0.10



1	2	3
4	5	6
7	8	9

1. Milla Nevada
2. Milla Nevada
3. Milla Nevada
4. Milla Nevada
5. Milla Nevada
6. Milla Nevada
7. Milla Nevada
8. Milla Nevada
9. Milla Nevada

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Interstate Route	State Route
US Route	State Route

PARRILLA CREEK SW, TX
2019