

**Exhibit 13.1 - Copy of Existing  
Antenna Structure Registration****Registration Detail**

Reg Number	1218276	Status	Constructed
File Number	A0644627	Constructed	01/26/1998
FAA Study	2009-AWP-2812-OE	EMI	No
FAA Issue Date	07/21/2009	NEPA	No

**Antenna Structure**

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

**Location** (in NAD83 Coordinates)

Lat/Long	32-14-57.0 N 111-07-00.9 W	7120 W. Lost Canyon Dr. (Tucson Mtn, T4 #8170)
City, State	South Tucson , AZ	
Center of AM Array		

**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
1326.4	64.3
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
1390.7	46.6

**Painting and Lighting Specifications**

None

**Owner & Contact Information**

FRN	0005885231	Licensee ID	L00008376
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**Owner**

American Towers, Inc  
Attention To: FAA/FCC Compliance Dept.  
1101 Perimeter Drive  
Schaumburg , IL 60173

P: (847)240-1508  
E: ATCfaa-fccmidwest@americantower.com

**Contact**

Compliance Dept. , FAA/FCC  
1101 Perimeter Drive  
Schaumburg , IL 60173

P: (847)240-1508  
E: ATCfaa-fccmidwest@americantower.com

**Last Action Status**

Status	Constructed	Received	07/27/2009
Purpose	Notification	Entered	07/27/2009
Mode	Interactive		

**Related Applications**

07/27/2009	A0644619 - Modification (MD)
07/27/2009	A0644627 - Notification (NT)
11/15/2007	A0569128 - Change Owner (OC)
	Related applications (19)

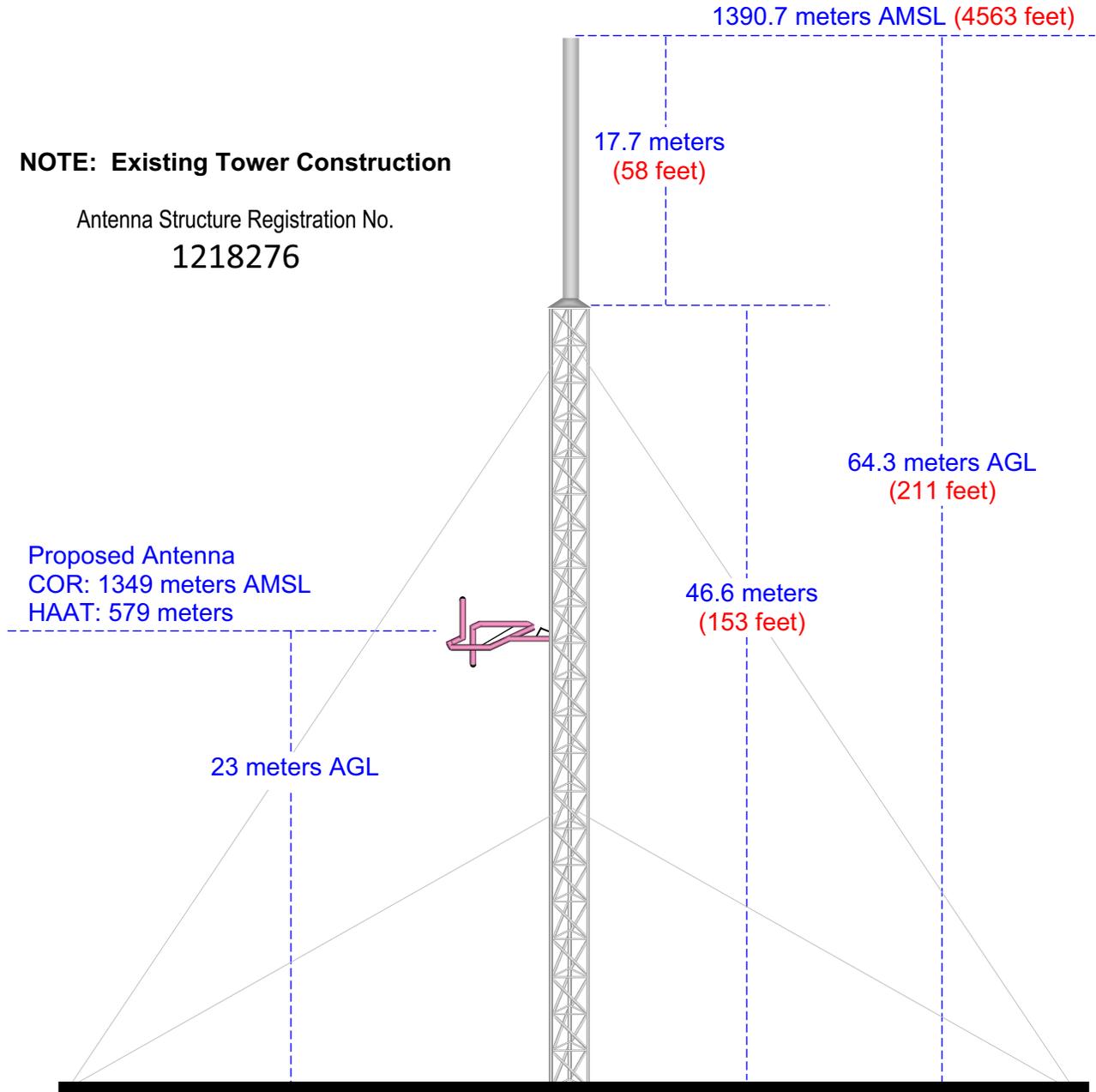
**Comments**

# Exhibit 13.2 Vertical Plan of Antenna System

<p>The site is located on Tucson Mountain at 7120 W. Lost Canyon Dr. (T4 #8170) the city of South Tucson, Pima County, Arizona.</p>	<p><u>Site Location (NAD 27)</u>          NL: 32° 14' 57"          WL: 111° 06' 59"          (32-14-57.0 N; 111-07-00.9 W NAD 83))</p>
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**NOTE: Existing Tower Construction**

Antenna Structure Registration No.  
1218276



Ground Elevation = 1326.4 m AMSL (4352 feet)

Drawing is not to Scale

# EXHIBIT 13.3

## PROPOSED FM OPERATING SPECIFICATIONS

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**Call:** KFLT-FM  
**City of License:** Tucson, AZ  
**Frequency:** 88.5 MHz    **Channel:** 203C3    **ERP:** 0.300 kW    **HAAT:** 579 m  
**Transmitter Location:** On Tucson Mountain at 7120 W. Lost Canyon Dr.  
**City:** South Tucson  
**County:** Pima  
**State:** Arizona  
**Site Coordinates:** NL: 32° 14' 57"    /    WL: 111° 06' 59"  
**Tower Registration Number:** 1218276  
**Proposed Operation:** Class C3  
**Effective Radiated Power:** 0.300 kW (H)    0.300 kW (V)

**Height of Antenna Radiation Center Above:**

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
<b>Horizontal</b>	579 meters	1349 meters	23 meters
<b>Vertical</b>	579 meters	1349 meters	23 meters

**Elevation of Tower Site :** 1326.4 Meters AMSL  
**Overall Height of Structure Above Ground :** 64.3 Meters AGL  
**Overall Height of Structure Above Mean Sea Level:** 1390.7 Meters AMSL

USGS 03 SEC Terrain Database  
US Census 2000 SF-1 Database



**KFLT-FM.P**  
Proposed Operation  
Latitude: 32-14-57 N  
Longitude: 111-06-59 W  
ERP: 0.30 kW  
Channel: 203  
Frequency: 88.5 MHz  
AMSL Height: 1349.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 732,829  
Total Area: 1,664 sq. km

**KFLT-FM.L**  
BLED20050902AAH  
Latitude: 32-00-11 N  
Longitude: 110-47-49 W  
ERP: 1.50 kW  
Channel: 203  
Frequency: 88.5 MHz  
AMSL Height: 1080.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 358,845  
Total Area: 1,095 sq. km

**60 dBu NCE-FM City Coverage Study**  
Tucson, AZ US Census 2000 Land Area: 505 km<sup>2</sup>  
Licensed 60 dBu City Coverage: 381 km<sup>2</sup> (75.4%)  
Proposed 60 dBu City Coverage: 378 km<sup>2</sup> (74.9%)

# Exhibit 13.4 Licensed vs. Proposed Service Contour Study

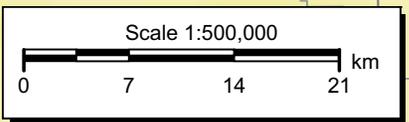
**True Proposed KFLT-FM.P Gain Area**  
Gained Population: 409,300  
Gained Area: 1,343 sq. km

**Present / Proposed Unchanged Area**  
Unchange Population: 323,529  
Unchanged Land Area: 321 sq. km

**True Proposed KFLT-FM.L Loss Area**  
Lost Population: (35,316)  
Lost Area: (774 sq. km)

*Proposed KFLT-FM.P - 60 dBu F(50:50)*

*Licensed KFLT-FM.L - 60 dBu F(50:50)*



All Contours shown: 60 dBu F(50:50)

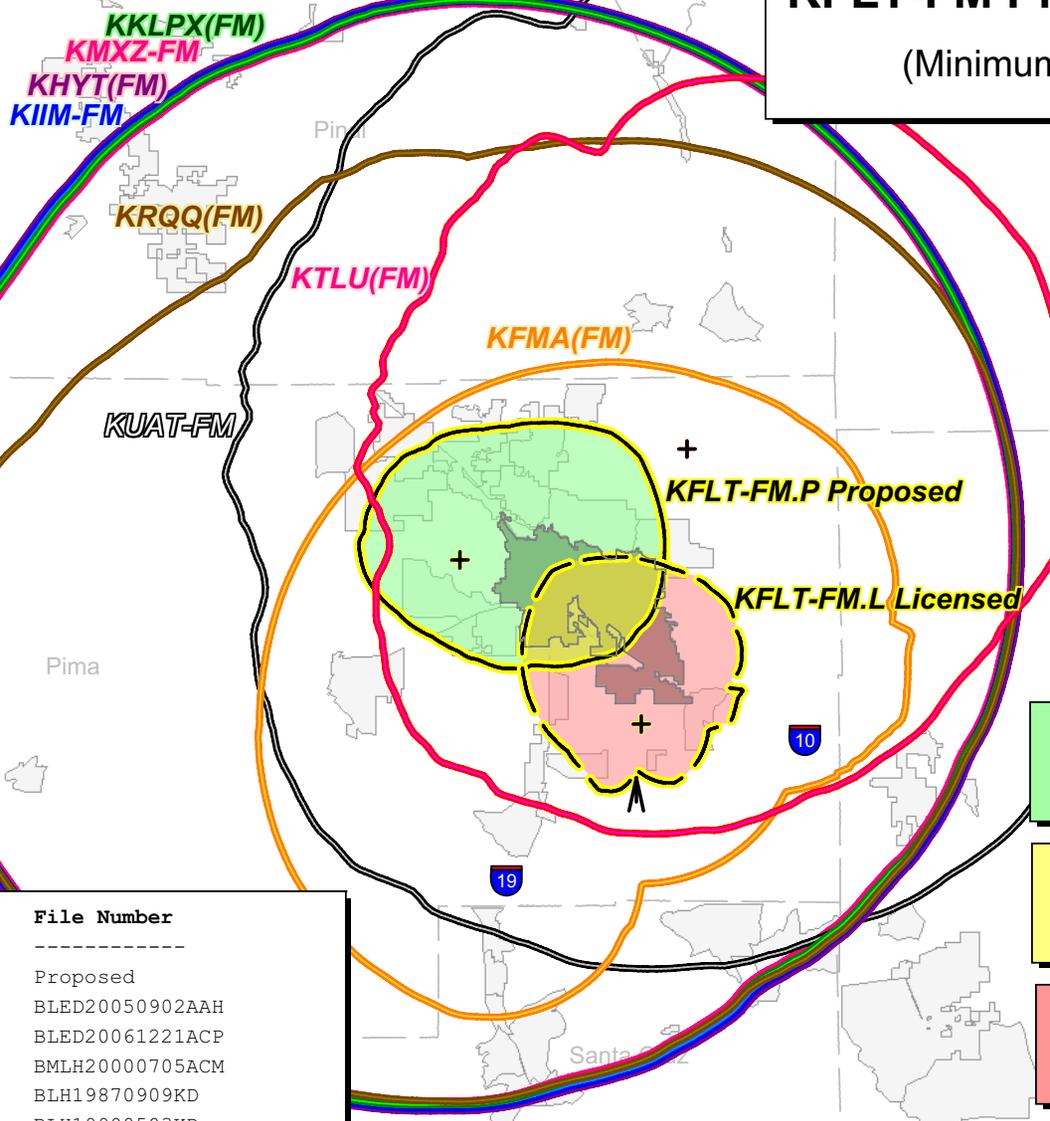
USGS 03 SEC Terrain Database  
US Census 2000 SF-1 Database

# Exhibit 13.5

## Loss Area Service Floor Study

### KFLT-FM Proposed Operation

(Minimum 8 Aural Services)



**True Proposed KFLT-FM.P Gain Area**  
Gained Population: 409,300  
Gained Area: 1,343 sq. km

**Present / Proposed Unchanged Area**  
Unchange Population: 323,529  
Unchanged Land Area: 321 sq. km

**Proposed KFLT-FM.L Loss Area**  
Lost Population: (35,316)  
Lost Area (774 sq. km)

Call	CH	City	ST	File Number
KFLT-FM.P	203C3	Tucson	AZ	Proposed
KFLT-FM.L	203A	Tucson	AZ	BLED20050902AAH
KLTU	201C1	Mammoth	AZ	BLED20061221ACP
KFMA	221C2	Green Valley	AZ	BMLH20000705ACM
KRQQ	229C	Tucson	AZ	BLH19870909KD
KLPX	241C	Tucson	AZ	BLH19900503KD
KIIM-FM	258C	Tucson	AZ	BLH19850131LP
KHYT	298C	Tucson	AZ	BLH199601116K
KUAT-FM	213C	Tucson	AZ	BLED1402
KMXZ-FM	235C	Tucson	AZ	BLH19851024KB

