

## DTS Reference Facility

\* Indicates required field

[Attachments](#) [Draft Copy](#)

### Construction Permit File Number and Facility ID

\*File Number for Current Authorized Service Area:

\* Facility ID:

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#### APPLICATION SECTIONS

General Information

Fees, Waivers, and Exemptions

✓ Applicant Information

✓ Contact Representatives

✓ Alien Ownership

✓ Basic Qualifying Questions

✓ Channel and Facility Information

➔ **DTS Reference Facility**

Antenna Data

✓ Parties to the Application

✓ Attributable Interest

Construction Permit Certifications

Legal Certifications

Application Summary

Certify

## Antenna Data

### Sites

Add New Site

Site ID: 1

Delete

#### Antenna Location Data

ASR number: 1204250  
Latitude: 30° 36' 05.0" N+  
Longitude: 097° 39' 35.0" W-

Edit

#### Antenna Technical Data

Antenna Type: Directional Custom  
Manufacturer: Dielectric  
Model: TLP-16B  
Antenna ID: 1007243

Edit

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## Construction Permit Certifications

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### Environmental Effect

\* Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)

Yes  No [Clear](#)

### Broadcast Facility

\* The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h) and 73.6023.

Yes  No [Clear](#)

### DTS Facility Requirements

The proposed DTS facility satisfies the requirements in 47 C.F.R. Section 73.6023 in the following respects:

\* The combined coverage from all of the DTS transmitters in the proposed DTS facility covers all of the station's authorized service area, as required in 47 C.F.R. Section 73.6023(f)(1).

Yes  No [Clear](#)

\* Each DTS transmitter's coverage is contained within the TV station's authorized service area (47 C.F.R. Section 73.6010(c)), except where such extension of coverage meets the requirements of 47 C.F.R. Section 73.6023(e).

Yes, coverage entirely contained within station's authorized service area.  
 Yes, but coverage exceeds the authorized service area but meets the requirements of 47 C.F.R. Section 73.6023(e)  
 No

[Clear All Above](#)

\* Each DTS transmitter's coverage is contiguous with at least one other DTS transmitter's coverage, as required in 47 C.F.R. Section 73.6023(f)(3).

Yes  No [Clear](#)

\* The combined field strength of all of the DTS transmitters in the proposed DTS facility do not cause interference to another station in excess of the criteria specified in 47 C.F.R. Section 73.6017, 73.6018, 73.6019 and 73.6020 as required in 47 C.F.R. Section 73.6023(f)(4).

Yes  No [Clear](#)

Note: The combined field strength level shall be determined by a "root-sum-square" calculation, where the combined field strength level at a given location is equal to the square root of the sum of the squared field strengths from each transmitter in the DTS network at that location.

\* Each DTS transmitter in the proposed DTS facility is located within the TV station's authorized service area.

Yes  No [Clear](#)

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