

## Request to Extend LPTV Engineering STA Application Error re: Effective Radiated Power

Digital low power television station KHLM-LD in Houston, Texas is requesting an extension of its Special Temporary Authorization (STA) to operate with an effective radiated power of 60 kW.<sup>1</sup> However, the new Licensing and Management System (LMS) electronic application is designed in such a way that an effective radiated power value exceeding 15 kW is automatically flagged as an error. This error message, as depicted in the screen shot below, prevents the application from progressing forward.

Screen Shot of STA Application

\* Indicates required field

Attachments Draft Copy

**Please see errors below.**

### Antenna Structure Registration

\*Do you have an FCC Antenna Structure Registration (ASR) Number?

☒ Yes ☐ No << Clear

ASR Number:  
[Lookup ASR Number](#)

1059622 Clear ASR Coordinates

### Coordinates (NAD83)

Coordinates for each Site must be unique.

	DD	MM	SS.S	Direction
* Latitude (NAD83):	29	33	45.2	N+
* Longitude (NAD83):	95	30	35.9	W-

\* Structure Type: GTOWER-Guyed Structure Used for Communication Purposes

\* Overall Structure Height: 596.2 meters

\* Support Structure Height: 562.1 meters

\* Ground Elevation (AMSL): 22.6 meters

### Antenna Data

\* Height of Radiation Center Above Ground Level: 433 meters

\* Height of Radiation Center Above Mean Sea Level: 455.60 meters

**For UHF channels (14,52) the limit is 15 Kw**

\* Effective Radiated Power: 60 kW

<sup>1</sup> KHLM-LD was originally granted authority to increase ERP to 60 kW in Engineering STA, File Number BSTA-20100318AAX.

In order to facilitate this request to extend the engineering STA for KHLM-LD in a timely manner, the effective radiated power field was left blank so that the application could be advanced forward and submitted. Nevertheless, this application seeks authority for KHLM-LD to continue operating with 60 kW effective radiated power in accordance with the original STA.

Respectfully submitted,

**Lohnes & Culver LLC**



Scott Turpie

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