

Current Owner

Call Sign	Service	Stat / Intl St	Country / State / City	File Number	Assoc ID
Freq	Chan - Class - Intl	Border-Dist	Current/Archive	Docket	73 215 Last Update
Owner	Make / Model / Bays / Spacing	FRN	Facility ID	Fac. Status - Date	
Antenna ID	DA	Longitude	Orientation	ASRN	Tip AG
Latitude	ERP	ERP Max	HAAT	AMSL	AGL
H / V :					Max HAAT

KDER APP US TX COMSTOCK BPH 20170210AAE
 99.3 MHz FM 257 C2 M 5.0 C N 2/14/2017
 HOUSTON CHRISTIAN BROADCASTERS, INC.
 N - / - / - / - 0006238380-S 191569 LICSL - 4/7/2016
 N 29° 32' 25.0" W 101° 07' 21.0" 1227951 147.20 1751228 ACCPT - 2/13/2017
 NAD-83: 29° 32' 25.8" 101° 07' 22.4"
 H/V: 50.0(kW) 103.0 m / 338 ft 469.4 m / 1,540 ft 73.2 m / 240 ft 153.0 m / 502 ft

KDER LIC US TX COMSTOCK BLH 20150804AAJ
 99.3 MHz FM 257 A M 9.0 C N 1/26/2017
 HOUSTON CHRISTIAN BROADCASTERS, INC.
 N ERI / 1105 / 3 / 1.00 0006238380 191569 LICSL - 4/7/2016
 N 29° 39' 40.1" W 101° 09' 00.6" 1226038 54.80 1684671 GRANT - 8/17/2015
 NAD-83: 29° 39' 40.9" 101° 09' 02.0"
 H/V: 6.00(kW) 6.00(kW) 100.0 m / 328 ft 514.6 m / 1,688 ft 48.0 m / 157 ft 151.0 m / 495 ft

Houston Christian Broadcasters (HCB) has recently been granted control of KDER (FM) on Ch. 257A at Comstock, TX, which was taken silent on 4/07/2016.

Via BPH-20170210AAE KDER has filed for a CP authorizing Class C2 Upgrade facilities from an existing tower (ASR: 1227951) with No Change in tower height (no additional FAA / Environmental approval required).

The C2 proposal is short spaced to **Mexican Facilities**, thus, requiring lengthy concurrence.

The time required to obtain Mexican concurrence **Will Not Permit** Operations to Resume Prior To The 1 Year Silent Date of 4/07/2017 - some 40 days away.

KDER proposes a **290 Watt STA** operation from its pending C2 upgrade site utilizing its proposed ERI 6 bay FM antenna which is to be mounted at: 73.2 m (240') AGL -- 469.4 m AMSL -- 103 m (338') HAAT.

Figure 2 is a map demonstrating compliance with the requirement that the **STA 60 dBu Not Extend Outside** the **currently Licensed 60 dBu contour** (BLH-20150804AAJ).

The KDER C2/STA antenna will be mounted below the antenna used by KTDR 51 kW C1 facility (see **Fig 1A**).

Figure 5 is a Combined RFR Exposure Plot taken from the pending C2 application which demonstrates full compliance even at the proposed maximum ERP of 50 kW while this STA proposes only 290 Watts.

FIGURE 1 - STA PROPOSAL

KDER (FM) - Comstock, TX

Ch. 257C2 99.3 MHz 290 W - STA from C2 Upgrade Site

February 2017

