

BROADCAST BUREAU
Broadcast Facilities Division
Television Applications Branch
ENGINEERING ANALYSIS

Date Filed: 12/31/2022 Call: KTXA

Docket No.: _____ Date Last Amend: _____ File: 0000205083

Principle Community: FORT WORTH, TX.

Nature of Request:

License to cover Construction Permit, File 0000204357

EXISTING FACILITIES: _____ 0000204357 28.57
(License or **CP**) (File No.) (Visual ERP or dbk/kW)
516.8 18
(Antenna Height) (Channel No.)

	APPLICANT'S REQUEST		STAFF RECOMMENDATION	
	MC. (No.)		MC. (No.)	
	Visual		Visual	
	DB	kW	DB	kW
Operating Transmitter Power Output (dbk)	17.12	51.52	17.12	51.52
Multiplexer Loss (dbk)				
Transmission Line Power input (dbk)	17.12		17.12	
Transmission Line Loss (dbk)	1.39		1.39	
Antenna Input (dbk)	15.73		15.73	
Antenna Gain (Horiz) (dbk)	12.84		12.84	
Effective Radiated Power (Horiz) (dbk)	28.57	720	28.57	720
Antenna Height Above Average Terrain	516.8		516.8	

2. Aural/Visual ERP ratio: 28.57 dBk

3. Electrical Beam Tilt: 0.8 degree

Antenna Input : 15.73dbk

Major Lobe Antenna Gain: 12.84 dbK

AGREEMENT OF APPLICATION WITH CONSTRUCTION PERMIT

(A) Note items in application which differ from construction permit or as stated by applicant as differing.

(b) All conditional clauses have been cleared.

Conclusions:

ENGINEERING RECOMMENDATIONS

Grant is recommended per attached Engineering Specifications and conditions _____.

_____ It is recommended that the applicant be advised of Items _____ listed above.

Bryant _____

Report made by: Chandler

Checked by: Kevin Harding

Date:

Reviewed by: _____

Date: _____

Date: 12/31/22

