

**Goldman Engineering Management  
Auburn, CA**

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Application For Auxiliary Antenna  
KVST (FM), Channel 259C3

**PURPOSE OF FILING**

This Technical Statement and attached exhibits has been prepared on behalf of New Wavo Communication Group, Inc. (“New Wavo”) Permittee of station KVST (FM) facility number 26858, Huntsville, TX in support of the refile for a construction permit for an auxiliary antenna. The previous CP expired without construction due to various reasons, most importantly the Covid 19 pandemic. The parameters requested are identical to the ones approved in BXPH-20180112AAL.

**PROPOSED SPECIFICATIONS**

Location (NAD83) (Exhibit C)	30° 26’ 55.4” N Latitude, 95° 31’ 47.3” W Longitude
Channel	259C3 (99.7 MHz)
Tower Overall AGL Height-	129m
Tower ASR	1279900
Proposed Antenna	Dielectric DCRH2E
Antenna AGL Height-	120m
Site AMSL Height-	82m
COR AMSL Height	202m
HAAT (Exhibit E)	126m
ERP (Exhibit F)	6kW (Directional, Exhibit A)

## CONTOUR COMPLIANCE

As shown in Exhibit B, the 60dBu contour of the proposed auxiliary facility will be entirely contained within the 60dBu contour of the main.

## ENVIRONMENTAL CONSIDERATIONS

The proposed KVST auxiliary facility will utilize a two-bay, full-wave spaced FCC Type 4 (2-piece spiral) antenna located at 120m AGL. Based upon the FCC “FM Model for Windows”<sup>1</sup>, the proposed KVST auxiliary will produce 5.9  $\mu\text{W}/\text{cm}^2$  64m from the base of the tower. The RF at 2m AGL from KVST will, therefore be less than 3.0% of the Maximum Public Exposure Level (MPE). There are no other non-excluded antennas at this site.

Because KVST will contribute less than 5% of the maximum allowable MPE level, it is believed that the impact of the proposed operation should not be considered to be a factor as defined under §1.1307(b)(3), therefore the proposed KVST operation is categorically excluded from further environmental review under §1.1306 of the FCC rules and regulations.

## CERTIFICATION

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direct supervision, and that they are true and correct to the best of his knowledge and belief.



Bertram S. Goldman  
Goldman Engineering Management

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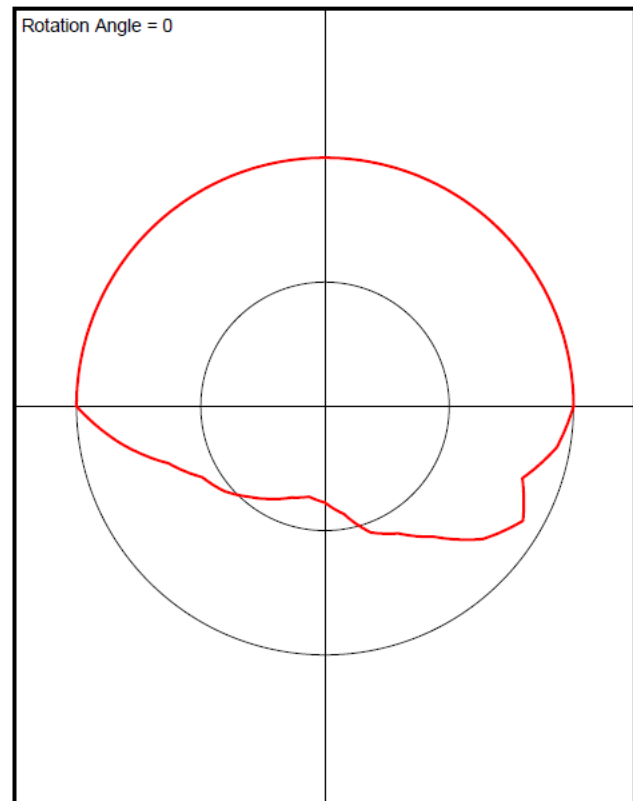
<sup>1</sup> <https://www.fcc.gov/general/fm-model>

## EXHIBIT A- Directional antenna

KVST AUX Antenna Pattern

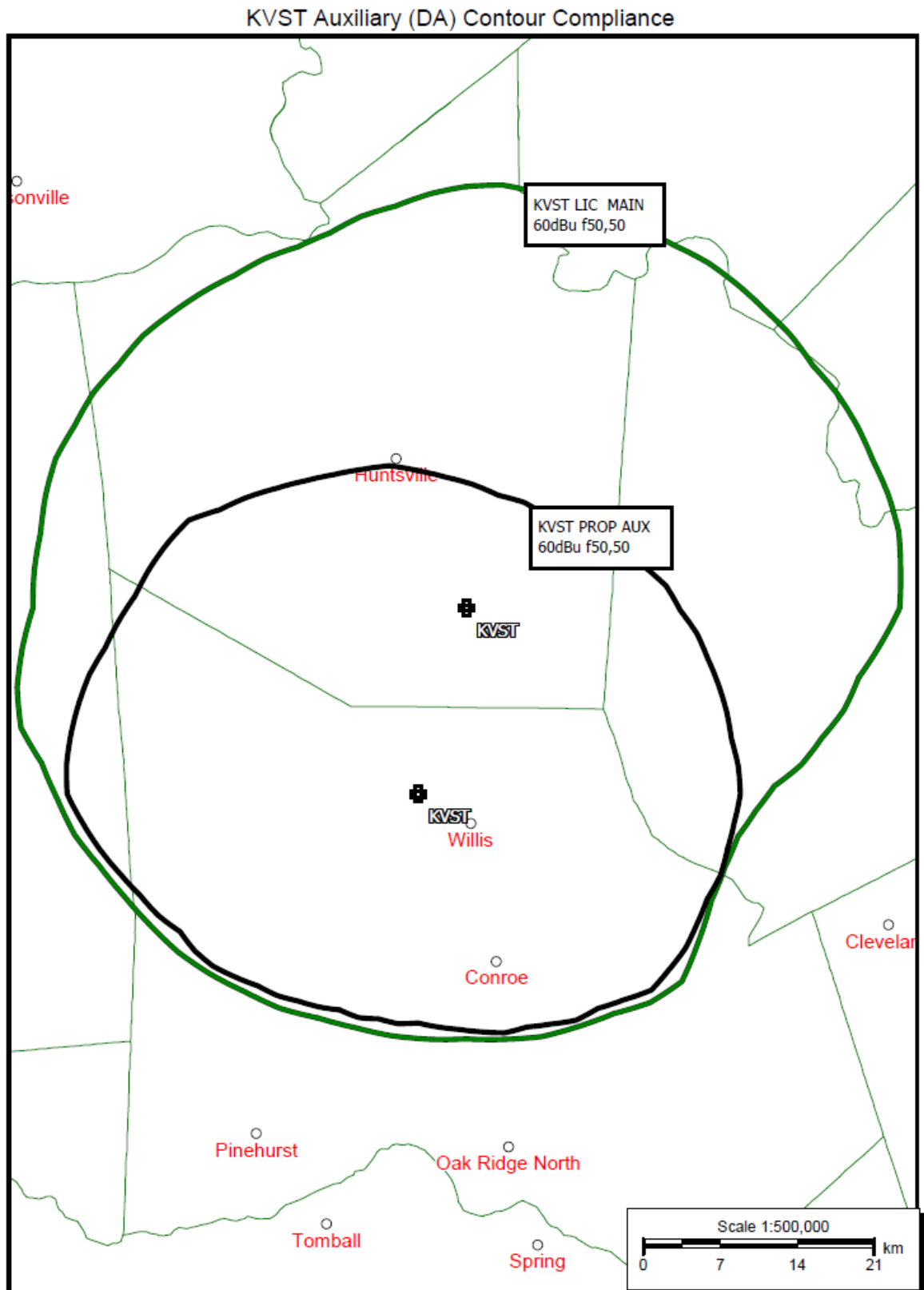
Pre-Rotation Antenna Pattern....

Azimuth (deg)	Relative Field
0.0	1.0
5.0	1.0
10.0	1.0
15.0	1.0
20.0	1.0
25.0	1.0
30.0	1.0
35.0	1.0
40.0	1.0
45.0	1.0
50.0	1.0
55.0	1.0
60.0	1.0
65.0	1.0
70.0	1.0
75.0	1.0
80.0	1.0
85.0	1.0
90.0	1.0
95.0	0.9735
100.0	0.947
105.0	0.896
110.0	0.845
115.0	0.8825
120.0	0.92
125.0	0.875
130.0	0.83
135.0	0.7575
140.0	0.685
145.0	0.6375
150.0	0.59
155.0	0.565
160.0	0.54
165.0	0.49
170.0	0.44
175.0	0.4135
180.0	0.387
185.0	0.378
190.0	0.369
195.0	0.3795
200.0	0.39
205.0	0.41
210.0	0.43
215.0	0.4525
220.0	0.475
225.0	0.5025
230.0	0.53
235.0	0.55
240.0	0.57
245.0	0.62
250.0	0.67
255.0	0.755
260.0	0.84
265.0	0.92
270.0	1.0
275.0	1.0
280.0	1.0
285.0	1.0
290.0	1.0
295.0	1.0
300.0	1.0
305.0	1.0
310.0	1.0
315.0	1.0



320.0	1.0
325.0	1.0
330.0	1.0
335.0	1.0
340.0	1.0
345.0	1.0
350.0	1.0
355.0	1.0

EXHIBIT B- Auxiliary Contour Compliance



## EXHIBIT C- Antenna Structure Registration

### Registration 1279900

 [Map Registration](#)

#### Registration Detail

Reg Number	1279900	Status	Constructed
File Number	A0734255	Constructed	08/08/2011
EMI	No	Dismantled	
NEPA	No		

#### Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

##### Location (in NAD83 Coordinates)

Lat/Long	30-26-55.4 N 095-31-47.3 W	Address	Near Intersection of Brushwood & Long Streets
City, State	Willis , TX		
Zip	77318	County	MONTGOMERY
Center of AM Array		Position of Tower in Array	

##### Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
82.0	129.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
211.0	128.0

##### Painting and Lighting Specifications

FAA Chapters 3, 12  
Paint and Light in Accordance with FAA Circular Number 70/7460-1K

##### FAA Notification

FAA Study	2011-ASW-3920-OE	FAA Issue Date	07/29/2011
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##### Owner & Contact Information

FRN	0005931043	Owner Entity Type	
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##### Owner

New Wavo Communications Group	P: (936)788-1035
Attention To: Kimberly Williams	F:
1212 S. Frasier	E:
Conroe , TX 77301	

##### Contact

Jazzo , Frank R	P: (703)812-0400
1300 N. 17th Street, 11th Floor	F:
Arlington , VA 22203	E: jazzo@fhhlaw.com

##### Last Action Status

Status	Constructed	Received	08/09/2011
Purpose	Notification	Entered	08/09/2011
Mode	Interactive		