

SECTION III-C TV Engineering

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Channel Number: _____

2. Offset: Plus _____ Minus _____ Zero _____

3. Zone: ☐ I ☐ II ☐ III

4. Antenna Location Coordinates: (NAD 27)

_____ ° _____ ' _____ " ☐ N ☐ S Latitude
_____ ° _____ ' _____ " ☐ E ☐ W Longitude

5. Antenna Structure Registration Number: _____

☐ Not applicable ☐ FAA Notification Filed with FAA

6. Height of Radiation Center Above Mean Sea Level: _____ meters

7. Overall Tower Height Above Ground Level: _____ meters

8. Height of Radiation Center Above Ground Level: _____ meters

9. Height of Radiation Center Above Average Terrain: _____ meters

10. Maximum Effective Radiated Power (ERP): _____ kW

11. Antenna Specifications:

a.

Manufacturer	Model
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b. Electrical Beam Tilt: _____ degrees ☐ Not Applicable

c. Mechanical Beam Tilt: _____ degrees toward azimuth _____ degrees True ☐ Not Applicable

Attach as an Exhibit all data specified in 47 C.F.R. Section 73.685.

Exhibit No.

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d. Polarization: ☐ Horizontal ☐ Circular ☐ Elliptical

TECH BOX

e. Directional Antenna Relative Field Values:

☐

Not applicable (Nondirectional)

Rotation: _____

°

☐

No rotation

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0		60		120		180		240		300	
10		70		130		190		250		310	
20		80		140		200		260		320	
30		90		150		210		270		330	
40		100		160		220		280		340	
50		110		170		230		290		350	
Additional Azimuths											

If a directional antenna is proposed, the requirements of 47 C.F.R. Sections 73.682(a)(14) and 73.685 must be satisfied. **Exhibit required.**

Exhibit No.

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

CERTIFICATION

12. **Allotment.** The proposed facility complies with 47 C.F.R. Section 73.607.

☐

Yes

☐

No

See Explanation
in Exhibit No.

13. **Power and Antenna Height.** The proposed facility complies with 47 C.F.R. Section 73.614.

☐

Yes

☐

No

See Explanation
in Exhibit No.

14. **Community Coverage.** The proposed facility complies with 47 C.F.R. Sections 73.685(a) and (b).

☐

Yes

☐

No

See Explanation
in Exhibit No.

15. **Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.

☐

Yes

☐

No

See Explanation
in Exhibit No.

16. **Separation Requirements.** The proposed facility complies with the separation requirements 47 C.F.R. Section 73.610. ☐ Yes ☐ No

See Explanation in Exhibit No.

17. **Objectionable Interference.** The applicant accepts full responsibility in accordance with 47 C.F.R. Sections 73.685(d) and (g) for the elimination of any objectionable interference (including that caused by intermodulation) to facilities in existence or authorized prior to the grant of this application. ☐ Yes ☐ No

See Explanation in Exhibit No.

18. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (*i.e.*, the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.** ☐ Yes ☐ No

See Explanation in Exhibit No.

By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

PREPARER'S CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.