

SECTION III-B FM 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: _____
2. Class: A B1 B C3 C2 C1 C D
3. Antenna Location Coordinates: (NAD 27)
 _____ ° _____ ' _____ " N S Latitude
 _____ ° _____ ' _____ " E W Longitude
4. One-Step Proposal Allotment Coordinates: (NAD 27) Not applicable
 _____ ° _____ ' _____ " N S Latitude
 _____ ° _____ ' _____ " E W Longitude
5. Antenna Structure Registration Number: _____
 Not applicable FAA Notification Filed with FAA
6. Antenna Location Site Elevation Above Mean Sea Level: _____ meters
7. Overall Tower Height Above Ground Level: _____ meters
8. Height of Radiation Center Above Ground Level: _____ meters (H) _____ meters (V)
9. Height of Radiation Center Above Average Terrain: _____ meters (H) _____ meters (V)
10. Effective Radiated Power: _____ kW (H) _____ kW (V)
11. Maximum Effective Radiated Power: Not applicable _____ kW (H) _____ kW (V)
 (Beam-Tilt Antenna ONLY)
12. 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											

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

AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-16. PROCEED TO ITEM 17.

13. **Allotment.** The proposed facility complies with the allotment requirements of 47 C.F.R. Section 73.203. Yes No See Explanation in Exhibit No.

14. **Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315. 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. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all those that apply. Yes No See Explanation in Exhibit No.

Separation Requirements.

a. 47 C.F.R. Section 73.207.

Grandfathered Short-Spaced.

b. 47 C.F.R. Section 73.213(a) with respect to station(s): _____ Exhibit No.
Exhibit Required.

c. 47 C.F.R. Section 73.213(b) with respect to station(s): _____ Exhibit No.
Exhibit Required.

d. 47 C.F.R. Section 73.213(c) with respect to station(s): _____ Exhibit No.
Exhibit Required.

Contour Protection.

e. 47 C.F.R. Section 73.215 with respect to station(s): _____ Exhibit No.
Exhibit Required.

17. **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.