

**SECTION VII - FM Engineering on Channels 200-220**

**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:      D    A    B1    B    C3    C2    C1    C
3. Antenna Location Coordinates: (NAD 27)  
       \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "    N    S Latitude  
       \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "    E    W Longitude
4. Antenna Structure Registration Number: \_\_\_\_\_  
        Not applicable      FAA Notification Filed with FAA
5. Antenna Location Site Elevation Above Mean Sea Level: \_\_\_\_\_ meters
6. Overall Tower Height Above Ground Level: \_\_\_\_\_ meters
7. Height of Radiation Center Above Ground Level: \_\_\_\_\_ meters (H)   \_\_\_\_\_ meters (V)
8. Height of Radiation Center Above Average Terrain: \_\_\_\_\_ meters (H)   \_\_\_\_\_ meters (V)
9. Effective Radiated Power: \_\_\_\_\_ kW (H)   \_\_\_\_\_ kW (V)
10. Maximum Effective Radiated Power:  Not applicable   \_\_\_\_\_ kW (H)   \_\_\_\_\_ kW (V)  
       (Beam-Tilt Antenna ONLY)
11. 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 12-16.**

12. **Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.  Yes  No See Explanation in Exhibit No.

13. **Interference.** The proposed facility complies with all of the following rule sections. Check all those that apply.  Yes  No See Explanation in Exhibit No.

**Contour Overlap Requirements.**

a.  47 C.F.R. Section 73.509. Exhibit No.  
**Exhibit Required.**

**Spacing Requirements.**

b.  47 C.F.R. Section 73.207 with respect to station(s): \_\_\_\_\_

**Grandfathered Short-Spaced.**

c.  47 C.F.R. Section 73.213(a) with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

**Contour Protection.**

d.  47 C.F.R. Section 73.215 with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

**Television Channel 6 Protection.**

e.  47 C.F.R. Section 73.525 with respect to station(s): \_\_\_\_\_ Exhibit No.  
**Exhibit Required.**

14. **Reserved Channels Above 220.**

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

b. **Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315.  Yes  No See Explanation in Exhibit No.

15. **International Borders.** The proposed antenna location is not within 320 kilometers of the common border between the United States and Canada or Mexico.  Yes  No  
 Canada  Mexico

Exhibit No.

If "No," specify the country and provide an Exhibit of compliance with all provisions of the relevant International Agreement.

16. **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 Worksheet #7, 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 8 MUST BE COMPLETED AND SIGNED.**