



Radio Broadcast System Planning Worksheet

(1) Specify tuning and mounting information:

Operating Frequency: _____ MHz

Mounting Brackets for:

- Pole mount
- Leg mount
- Face mount
- Per Study
- Other

Tower Manufacturer: _____

Tower Model No: _____

(2) Leg or face mounting:

Tower face measures _____ inches on (insides, centers or outsides).

Leg measures _____ inches outside diameter (if angle member leg, attach sketch indicating angle flange lengths and thickness.)

(3) Pole mounting:

Pole measures _____ inches outside and is mounted (side or top; if pole is stepped or tapered, attached sketch.)

(4) Leg mounted antennas only:

If leg diameter is 3 inches (2 inches for LPX and 1105 Series) or less (5 inches or less if antenna equipped with radomes) additional cost anti-rotation brackets are required for brackets supplied with antenna. Adds an adjacent leg brace, one required for each bay.

Anti-Rotation Brackets:

- Steel
- Fiberglass
- per Study
- None

Antenna Ice Protection Options:

- Radomes
- Deicers
- None

Pattern Measurements:

- Yes
- Yes, with optimization
- Directional
- No

Pattern measurements and directional antennas require the following:

Tower orientation (true north) and detailed drawings - w/ verification from Surveyor:

List of items that run through the aperture of the antenna (w/ detailed drawings):

Construction permit for directional antenna only:

Comments:

FM Filter Ordering Information

Desired Pass FM Frequencies: _____ MHz

Desired Reject FM Frequencies: _____ MHz

Transmitter Power Output(s): _____ kW

Preferred Input Connector Type: _____

Preferred Output Connector Type: _____

FM Isolation Transformer Ordering Information

FM Frequencies: _____ MHz

FM Transmitter Power Output: _____ kW

AM Frequencies: _____ MHz

AM Transmitter Power Output: _____ kW

AM Base Impedance: _____ Ohms J _____

