

### RF WORKSHEET #2A Multiple Tower AM Array

Do not use this table if there are FM, TV or other non-excluded RF sources on any single tower of the array.

Tower Number	Transmitted Power (kW)	Distance to Fence (meters)
1 N1 (94° elec)	5.0 kW (max day & night)	2.4 meters (8 feet)
2 N2 (94° elec)	5.0 kW (max day & night)	2.4 meters (8 feet)
3 N3 (94° elec)	5.0 kW (max day & night)	2.4 meters (8 feet)
4 N4 (94° elec)	5.0 kW (max day & night)	2.4 meters (8 feet)
5		
6		
7		
8		
9		
10		
11		
12		

If each tower listed above meets the distance requirements of worksheet #2, it appears this tower complies with the FCC guidelines with respect to the general public. Please be aware, that each site user must also meet requirements with respect to "on-tower" or other exposure by workers at the site. These requirements include, but are not limited to the reduction or cessation of transmitter power when persons have access to the site, tower, or antenna. See OET Bulletin 65 for more details.

If the distance from the base of the tower to the fence is less than the value listed above, you may need to prepare an Environmental Assessment. However, in order to determine the need for such an assessment please see the NOTE on page 5 of Appendix A. If after consideration of such factors as the antenna radiation pattern, measurement data and the barriers which restrict access you conclude that an Environmental Assessment is required, please see Section I of the instructions to this worksheet entitled "Environmental Assessment."

## AM FENCE DISTANCE TABLES

**TABLE 1. Predicted Distances for Compliance with FCC Limits: 0.1-0.2 Wavelength**

Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
	Predicted Distance for Compliance with FCC Limits (meters)			
535-740	13	7	6	3
750-940	12	7	5	3
950-1140	11	6	5	3
1150-1340	10	6	5	3
1350-1540	10	6	5	3
1550-1705	10	6	5	3

**TABLE 2. Predicted Distances for Compliance with FCC Limits: 0.21-0.4 Wavelength**

Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
	Predicted Distance for Compliance with FCC Limits (meters)			
535-740	4	2	2	1
750-940	4	2	2	1
950-1140	4	2	2	1
1150-1340	4	2	2	1
1350-1540	4	2	2	1
1550-1705	5	2	2	1

**TABLE 3. Predicted Distances for Compliance with FCC Limits: 0.41-0.55 Wavelength**

Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
	Predicted Distance for Compliance with FCC Limits (meters)			
535-740	4	3	2	2
750-940	4	2	2	2
950-1140	4	2	2	1
1150-1340	4	2	2	2
1350-1540	4	2	2	2
1550-1705	4	3	2	1

**TABLE 4. Predicted Distances for Compliance with FCC Limits: 0.56-6255 Wavelength**

Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
	Predicted Distance for Compliance with FCC Limits (meters)			
535-740	4	3	2	1
750-940	4	2	2	1
950-1140	4	2	2	1
1150-1340	4	2	2	1
1350-1540	4	2	2	1
1550-1705	4	2	2	2