

RF WORKSHEET #1 - FM (continued)

DETERMINATION OF COMPLIANCE WITH THE UNCONTROLLED/GENERAL POPULATION LIMIT

Does Line (12) exceed 20% Yes No (14)

IF YOU ANSWERED "NO" IN LINE (14), THEN THE SITE SHOULD COMPLY WITH THE FCC'S UNCONTROLLED/ GENERAL POPULATION RF EXPOSURE LIMITS FOR GROUND LEVEL EXPOSURE. NO FURTHER STUDY REQUIRED.

IF YOU ANSWERED "YES" IN LINE (14), CONTINUE.

Rooftop with restricted access.

If you answered "yes" in Line (14) and "yes" in Line (2) (indicating that the tower is located on the roof of a building), and the general public is not allowed access to the rooftop level, repeat lines 5 through 12, entering the value in Line (1) directly in Line (4). (If Multiple FM Use Tower, recalculations should be in accordance with instructions on Worksheet #1A.) **Otherwise, go to the next section.**

Upon recalculation, Does Line (12) exceed 20% Yes No (15)

IF YOU ANSWERED "YES" IN LINE (15), THE WORKSHEETS MAY NOT BE USED IN THIS CASE. *

IF YOU ANSWERED "NO" IN LINE (15), THEN THE AREA AT GROUND LEVEL SHOULD COMPLY WITH THE FCC'S UNCONTROLLED/GENERAL POPULATION EXPOSURE LIMIT. NO FURTHER STUDY REQUIRED.

Access to base of tower restricted by fencing.

If the tower is not located on the roof of a building, is the base of the tower surrounded by fencing or other restrictive barrier and are appropriate warning signs posted on the fence that adequately detail the nature of the RF exposure environment contained therein? Yes No (16)

IF YOU ANSWERED "NO" IN LINE (16), THE WORKSHEETS MAY NOT BE USED IN THIS CASE. *

If you answered "yes" in line (16), what is the distance from the base of the tower to the fence or barrier at its nearest point. _____ m (17)
Multiply Line (9) (as calculated previously) by 5 _____ (18)
Subtract Line (10) (as calculated previously) from Line (18). _____ (19)
Take the square root of Line (19). _____ m (20)
Is Line (20) less than or equal to Line (17). Yes No (21)

IF YOU ANSWERED "YES" IN LINE (21), THEN THE RF FIELD OUTSIDE THE FENCE COMPLIES WITH THE FCC'S UNCONTROLLED/GENERAL POPULATION EXPOSURE LIMIT. NO FURTHER STUDY REQUIRED.

IF YOU ANSWERED "NO" IN LINE (21), THE WORKSHEETS MAY NOT BE USED IN THIS CASE. *

* In this case, you may need to prepare an Environmental Assessment.