

Effective Radiation Center Height

Enter the proposed "Height of radiation center above ground"	87	m	
or as listed in Line 1 of Worksheet 1A	87	m	(1)
Is the Antenna supporting structure located on the roof of a building	NO	YES/NO	(2)
if Line 2 is "YES" enter the building height measured at the base of the antenna supporting structure in line 3			
If line 2 is "NO" enter "0" in Line 3	0	m	(3)
Subtract Line (3) from Line (1)	87	m	(4)
Subtract the value 2.0 from Line (4)	85	m	(5)

Total Effective Radiated Power

If "beam tilt" is utilized, list maximum values)

List Effective Radiated Power in the Horizontal Plane	0.145	kW	(6)
List Effective Radiated in the Vertical Plane	0.145	kW	(7)
Add lines 6 and 7 OR listed value from line 2 in Worksheet 1A	0.29	kW	(8)

PERCENTAGE OF FCC RF LIMIT(S) FOR MAXIMUM PERMISSIBLE EXPOSURE

Multiply line 8 by 33.41	9.689		(9)
Multiply the value listed in line 5 by itself	7225.0		(10)
Divide line 9 by line 10	0.001		(11)
Multiply line 11 by 100	0.1	%	(12)

DETERMINATION OF COMPLIANCE WITH CONTROLLED/OCCUPATIONAL LIMIT

Does Line 12 exceed 100%	NO	YES/NO	(13)
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IF YOU ANSWERED "YES" IN LINE 13, THE WORKSHEETS MAY NOT BE USED IN THIS CASE.*

IF YOU ANSWERED "NO" IN LINE 13, THEN THE SITE SHOULD COMPLY WITH THE FCC CONTROLLED/OCCUPATIONAL RF EXPOSURE LIMITS FOR GROUND LEVEL EXPOSURE. #

DETERMINATION OF COMPLIANCE WITH UNCONTROLLED/GENERAL POPULATION LIMIT

Does Line 12 exceed 20%	NO		(14)
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IF YOU ANSWERED "NO" IN LINE 14, THEN THE SITE SHOULD COMPLY WITH THE FCC'S

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 is 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) by 5 0 (18)
Subtract Line (10) from Line (18) 9.6889 (19)
Take the Square Root of line (19) 3.1127 m (20)
Is Line (20) less than or equal to Line (17) N/A (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 IS REQUIRED.

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