

# The Social and Spatial Distribution of Wireless Radiation in Greater Hartford, Connecticut

Presented on behalf of Hartford Coalition for Safe Technology (Last updated April 2023)

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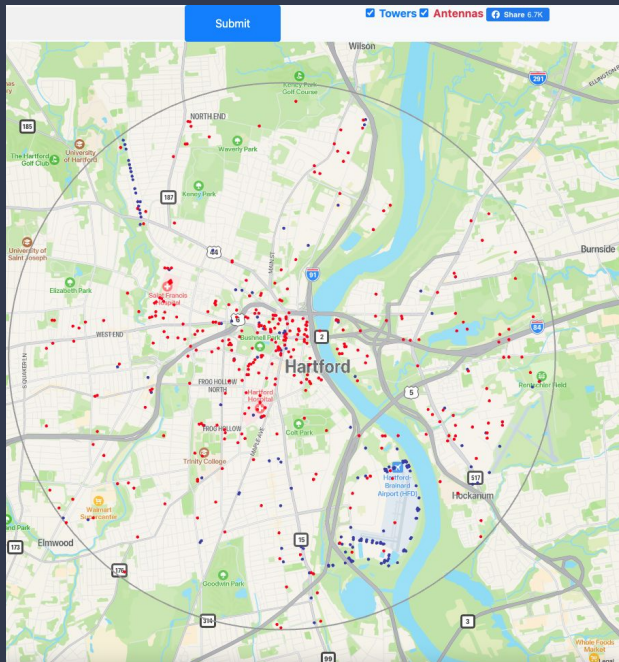
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# **A Case Study of (and Around) Hartford**

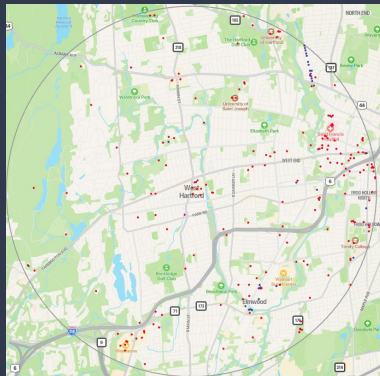
**What level of radiation are Hartford residents exposed to?  
How does this compare to other municipalities?**

**How is wireless radiation distributed across geographical  
and sociological space?**

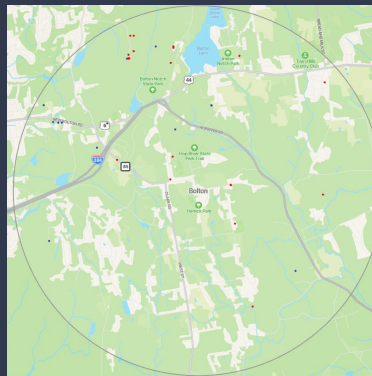
# within a 3 mile radius of...



Hartford: 259 Towers 848 Antennas

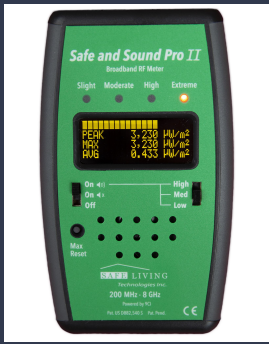


West Hartford: 70 Towers, 370 Antennas



Bolton: 26 Towers, 125 Antennas

	Towers	Antennas
Andover	10	9
Avon	27	247
Bridgeport	102	445
Bloomfield	48	179
New Haven	112	667
Simsbury	33	110
Warren	0	14
Windsor Locks	348	244



- **RED: Extreme**  
Move away from this exposure.  
Flashing indicates more than **10x** extreme.  
Fast flashing indicates more than **100x** extreme
- **ORANGE: High**  
Try to limit the time of your exposure at this level.
- **YELLOW: Moderate**  
Reduce this level for long term exposure.
- **GREEN (solid): Slight**  
Good for sleeping areas and long term exposure.  
Flashing indicates best and ideal conditions.

## Measuring Radiofrequency (RF) Radiation

Power Density (microWatts per square meter)	Safe and Sound Pro II	FCC	Physicians for Safe Technology	Building Biology Institute
< .1	Green flashing ("Slight")	"Safe" (for average adult male of 6ft and 200lb, for 30 minutes, based on heat or thermal damage)	No Concern	Safe
.1-10	Green flashing/Green ("Slight")		Slight Concern	Unsafe
10-100	Yellow-Orange ("Moderate")		Severe Concern	
100-1000	Orange-Red ("High")		Extreme Concern	
1,000-10,000,000	Red ("Extreme") Red flashing ("Extreme")		Extreme Concern	
10,000,000+	n/a	Unsafe	n/a	

### About the following measurements:

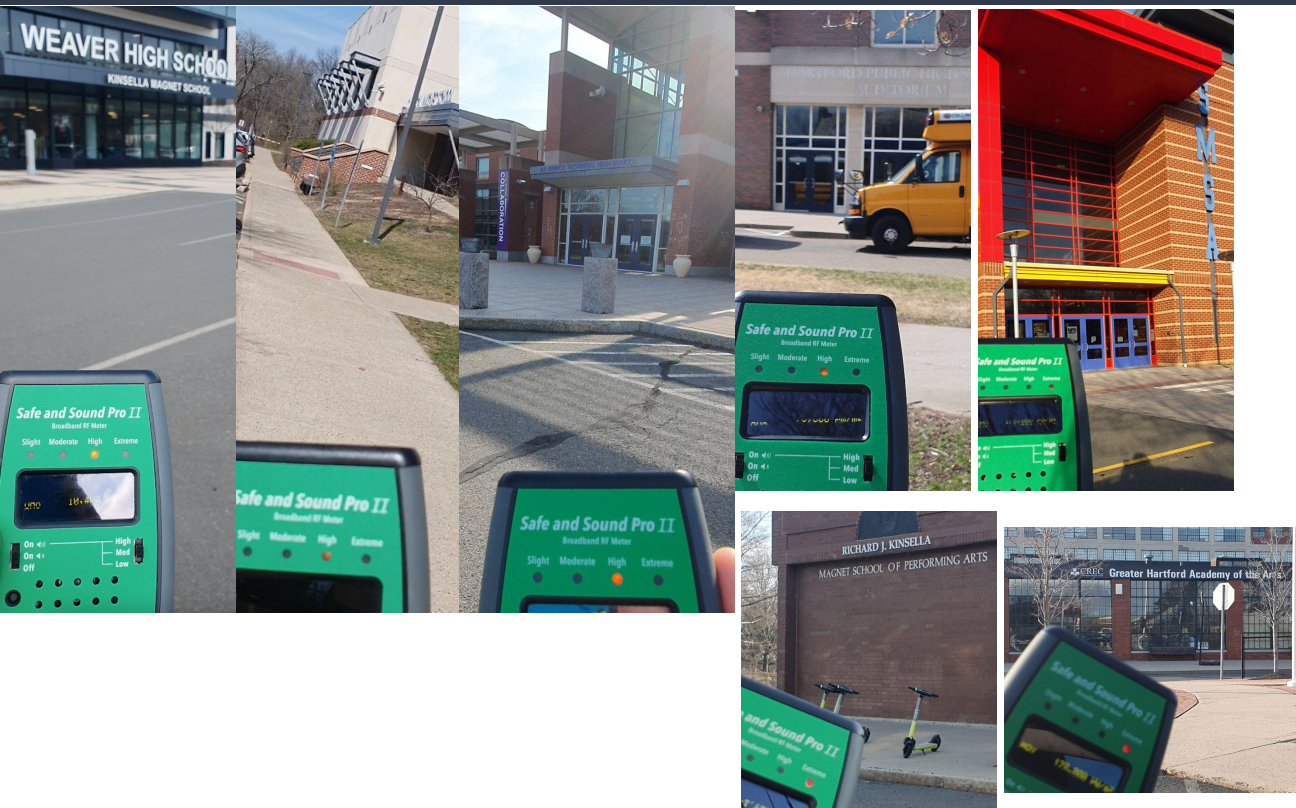
RF measurements taken with a professional RF Meter (Safe and Sound Pro II) on April 3, 2023 between 12-5PM by R. Stephens. Readings were recorded on/around the sidewalk *outside* the main door of each school (and therefore represent a very rough approximation of the environmental radiation in that area, *before* accounting for that which is present inside the school itself). The meter was filmed with an android cell phone while in airplane mode with all radio signals turned off (and Rachael was not holding nor standing beside any known wireless devices, including cars with GPS). Still, since numerous factors were not controlled (e.g., exact distance to front door, precise time of day, presence of surrounding traffic, etc.), these should only be treated as anecdotal evidence.

# Hartford Public Schools: Elementary/Middle



School	RF Category
Webster Microsociety Magnet	Moderate
West Middle	Extreme
Breakthrough Magnet School	Extreme
Whitning Lane	High
Jumoke	Extreme

# Hartford Public Schools: Secondary

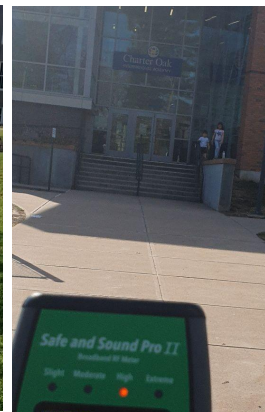
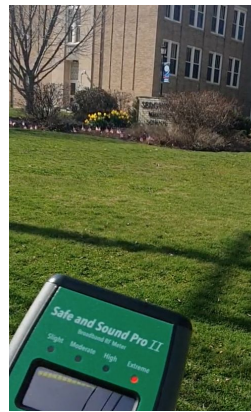
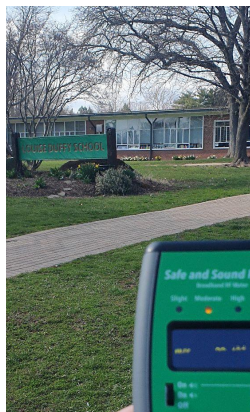


School	RF Category
Weaver	High
Classical Magnet	High
Prince Tech	High
Hartford Public High School	High
Sports & Med. Sciences Magnet	Extreme
Greater Hartford Academy of the Arts	Extreme
Kinsella Magnet School of Performing Arts	Extreme

# Schools in other (suburban/rural) CT Districts



Bolton, CT ("Slight")

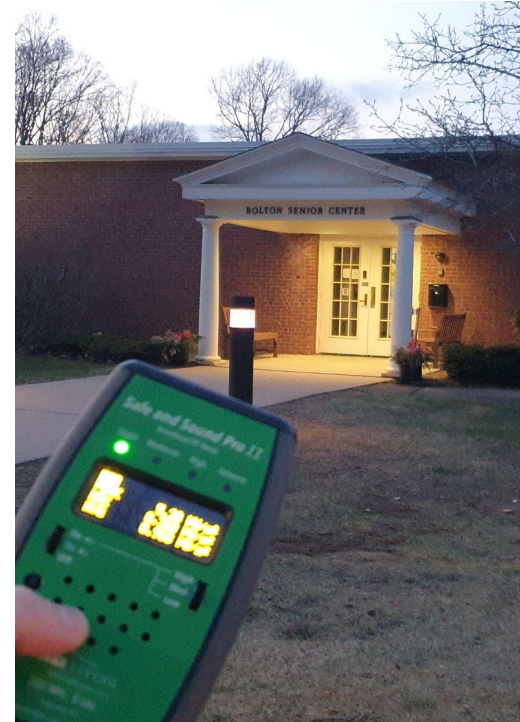


West Hartford, CT  
("Moderate-Extreme")

# Senior Centers (Urban v. Rural)



North End of Hartford, CT ("High")



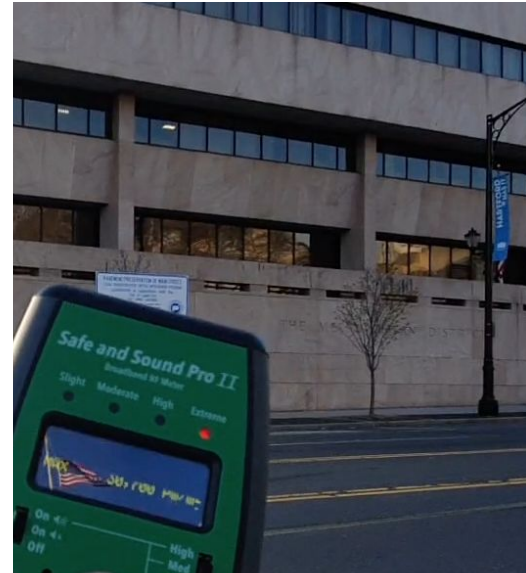
Bolton, CT ("slight")



# Hartford's Municipal Buildings



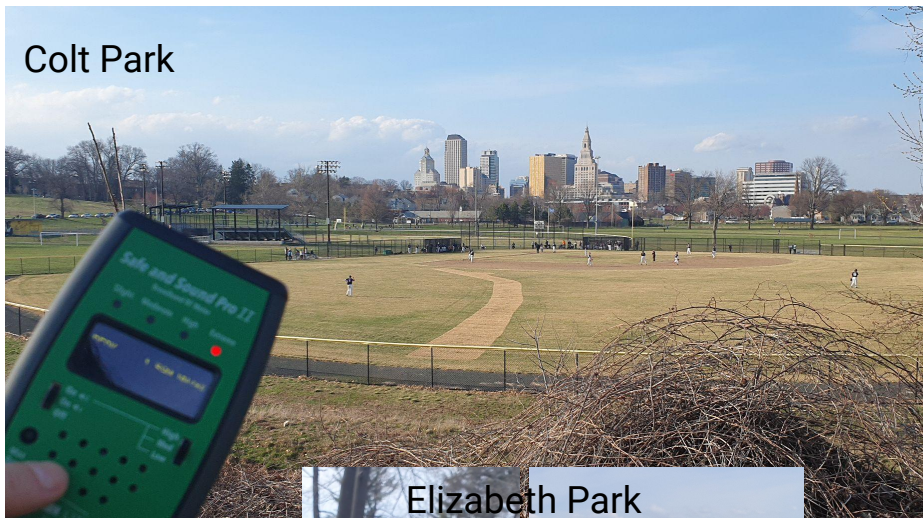
City Hall



The MDC

# Hartford's Parks

Colt Park



Elizabeth Park



Rocky Ridge Park



Keeney Park

# Works Cited

Physicians for Safe Technology. (2023, January 23). *Conversion Chart, World Exposure Limits, human exposures EMR/EMF*. Physicians for Safe Technology. Retrieved April 6, 2023, from <https://mdsafetech.org/conversion-and-exposure-limits-emr-emf/>

*RF Exposure Guidelines*. EMF Education and EMF. (n.d.). Retrieved April 6, 2023, from <https://safelivingtechnologies.com/emf-exposure-rf-exposure-guidelines/>

# Thank you!

Please do not hesitate to reach out to us if you have any further questions or would like to continue this conversation.