

# Radon Measurement Report



**HOLSTON**  
HOME INSPECTIONS

## HOLSTON HOME INSPECTIONS LLC



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## CERTIFICATIONS

Name:	Number:	Expiration Date:
InterNACHI Certified Radon Tester	NACHI23012409	

## PROPERTY INFORMATION



Address: 1234 Main Street, Kingsport, Tennessee 37663, United States

## TEST INFORMATION



Average Radon Level:	2.9 pCi/L
Dataset Name:	Huff
Measurement Type:	Real-Estate Transaction Dec
Start Date:	20, 2023, 11:53 a.m. EST Dec
End Date:	22, 2023, 11:53 a.m. EST 48h
Measurement Duration:	
Floor/Level:	
Room:	
Comment:	The average radon level for the test period was below the action level of 4.0 pCi/L outlined by the EPA. However, it is recommended you consider installing a radon mitigation system for radon levels of 2.0 pCi/L or greater. Therefore, it is my recommendation you install a mitigation system in the near future.

## REPORT SUMMARY



LEVEL OF RADON

AVERAGE  
2.9 pCi/L



MEASUREMENT ADDRESS

1234 Main Street, Kingsport,  
Tennessee 37663, United States



REPORT DURATION

START DATE  
Dec 20, 2023, 11:53  
a.m. EST

DURATION  
48h

END DATE  
Dec 22, 2023, 11:53  
a.m. EST



OTHER INFORMATION

ROOM

FLOOR

TYPE  
Real-Estate  
Transaction

## MEASUREMENT SUMMARY



LEVEL OF RADON

**MINIMUM**  
**1.3 pCi/L**

**AVERAGE**  
**2.9 pCi/L**

**MAXIMUM**  
**5.1 pCi/L**



TEMPERATURE

**MINIMUM**  
**46.4 °F**

**AVERAGE**  
**54.8 °F**

**MAXIMUM**  
**56.1 °F**



HUMIDITY

**MINIMUM**  
**43.5 %rH**

**AVERAGE**  
**45.6 %rH**

**MAXIMUM**  
**57.0 %rH**



ATMOSPHERIC PRESSURE

**MINIMUM**  
**29.0020 inHg**

**AVERAGE**  
**29.0784 inHg**

**MAXIMUM**  
**29.1508 inHg**



MOTION EVENTS

No motion events were detected during this measurement.

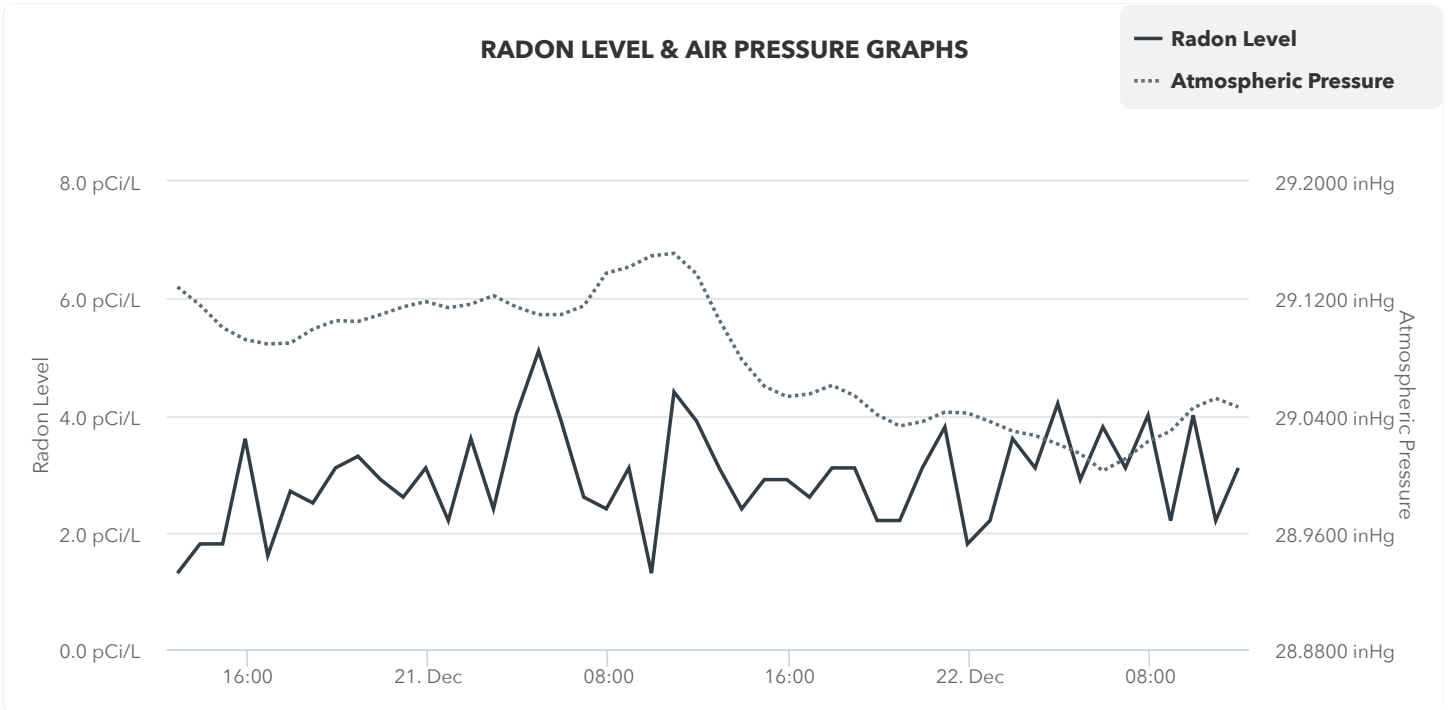
## HOURLY MEASUREMENT DATA



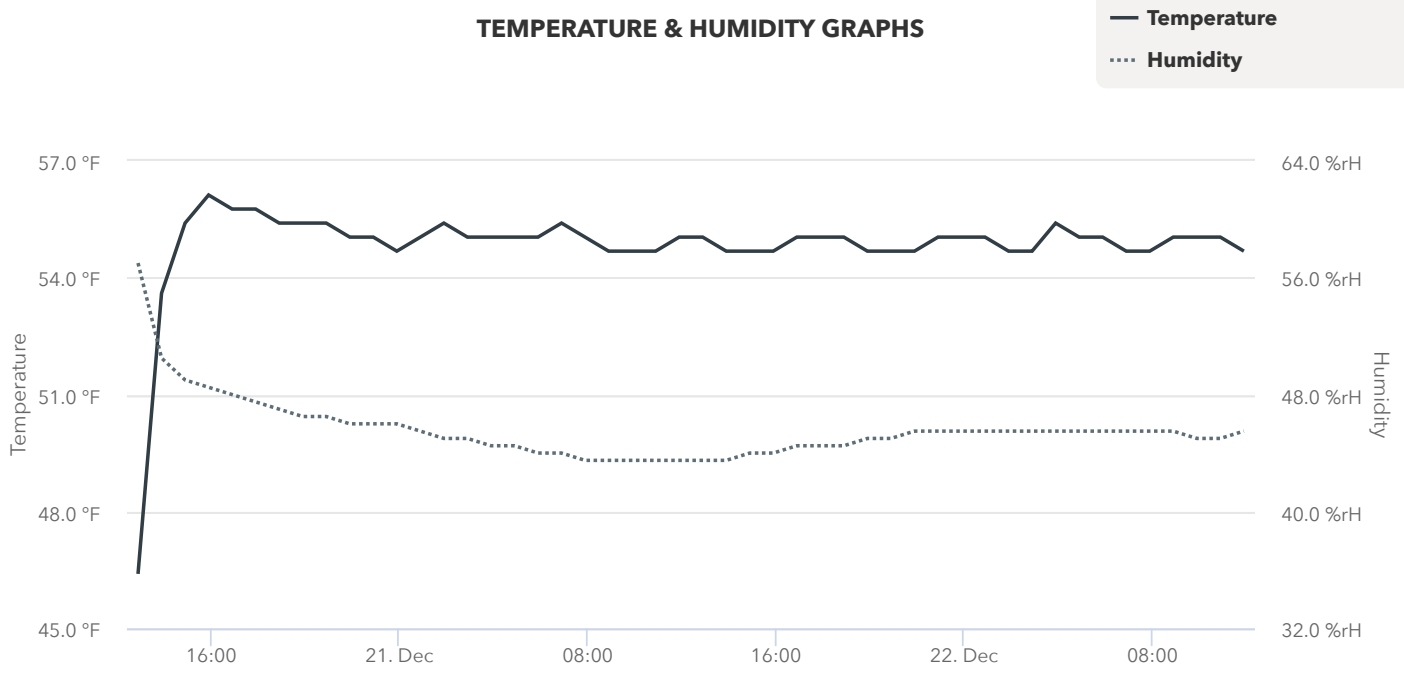
**Note :** Measurements are offset by 1 hour from the start of the test. (The first hour will read 3:00 for a 2:00 start time).

	DATE & TIME	RADON	AIR PRESSURE	TEMPERATURE	HUMIDITY
1	2023-12-20, 12:53 p.m. EST	1.3 pCi/L	29.1278 inHg	46.4 °F	57.0 %rH
2	2023-12-20, 1:53 p.m. EST	1.8 pCi/L	29.1154 inHg	53.6 °F	50.5 %rH
3	2023-12-20, 2:53 p.m. EST	1.8 pCi/L	29.1000 inHg	55.4 °F	49.0 %rH
4	2023-12-20, 3:53 p.m. EST	3.6 pCi/L	29.0918 inHg	56.1 °F	48.5 %rH
5	2023-12-20, 4:53 p.m. EST	1.6 pCi/L	29.0888 inHg	55.8 °F	48.0 %rH
6	2023-12-20, 5:53 p.m. EST	2.7 pCi/L	29.0894 inHg	55.8 °F	47.5 %rH
7	2023-12-20, 6:53 p.m. EST	2.5 pCi/L	29.0989 inHg	55.4 °F	47.0 %rH
8	2023-12-20, 7:53 p.m. EST	3.1 pCi/L	29.1048 inHg	55.4 °F	46.5 %rH
9	2023-12-20, 8:53 p.m. EST	3.3 pCi/L	29.1042 inHg	55.4 °F	46.5 %rH
10	2023-12-20, 9:53 p.m. EST	2.9 pCi/L	29.1089 inHg	55.0 °F	46.0 %rH
11	2023-12-20, 10:53 p.m. EST	2.6 pCi/L	29.1142 inHg	55.0 °F	46.0 %rH
12	2023-12-20, 11:53 p.m. EST	3.1 pCi/L	29.1178 inHg	54.7 °F	46.0 %rH
13	2023-12-21, 12:53 a.m. EST	2.2 pCi/L	29.1136 inHg	55.0 °F	45.5 %rH
14	2023-12-21, 1:53 a.m. EST	3.6 pCi/L	29.1160 inHg	55.4 °F	45.0 %rH
15	2023-12-21, 2:53 a.m. EST	2.4 pCi/L	29.1219 inHg	55.0 °F	45.0 %rH
16	2023-12-21, 3:53 a.m. EST	4.0 pCi/L	29.1142 inHg	55.0 °F	44.5 %rH
17	2023-12-21, 4:53 a.m. EST	5.1 pCi/L	29.1089 inHg	55.0 °F	44.5 %rH
18	2023-12-21, 5:53 a.m. EST	3.9 pCi/L	29.1089 inHg	55.0 °F	44.0 %rH
19	2023-12-21, 6:53 a.m. EST	2.6 pCi/L	29.1148 inHg	55.4 °F	44.0 %rH
20	2023-12-21, 7:53 a.m. EST	2.4 pCi/L	29.1373 inHg	55.0 °F	43.5 %rH
21	2023-12-21, 8:53 a.m. EST	3.1 pCi/L	29.1414 inHg	54.7 °F	43.5 %rH
22	2023-12-21, 9:53 a.m. EST	1.3 pCi/L	29.1491 inHg	54.7 °F	43.5 %rH
23	2023-12-21, 10:53 a.m. EST	4.4 pCi/L	29.1508 inHg	54.7 °F	43.5 %rH
24	2023-12-21, 11:53 a.m. EST	3.9 pCi/L	29.1367 inHg	55.0 °F	43.5 %rH
25	2023-12-21, 12:53 p.m. EST	3.1 pCi/L	29.1054 inHg	55.0 °F	43.5 %rH
26	2023-12-21, 1:53 p.m. EST	2.4 pCi/L	29.0782 inHg	54.7 °F	43.5 %rH
27	2023-12-21, 2:53 p.m. EST	2.9 pCi/L	29.0599 inHg	54.7 °F	44.0 %rH
28	2023-12-21, 3:53 p.m. EST	2.9 pCi/L	29.0528 inHg	54.7 °F	44.0 %rH
29	2023-12-21, 4:53 p.m. EST	2.6 pCi/L	29.0546 inHg	55.0 °F	44.5 %rH
30	2023-12-21, 5:53 p.m. EST	3.1 pCi/L	29.0605 inHg	55.0 °F	44.5 %rH
31	2023-12-21, 6:53 p.m. EST	3.1 pCi/L	29.0534 inHg	55.0 °F	44.5 %rH
32	2023-12-21, 7:53 p.m. EST	2.2 pCi/L	29.0404 inHg	54.7 °F	45.0 %rH

33	2023-12-21, 8:53 p.m. EST	2.2 pCi/L	29.0327 inHg	54.7 °F	45.0 %rH
34	2023-12-21, 9:53 p.m. EST	3.1 pCi/L	29.0357 inHg	54.7 °F	45.5 %rH
35	2023-12-21, 10:53 p.m. EST	3.8 pCi/L	29.0422 inHg	55.0 °F	45.5 %rH
36	2023-12-21, 11:53 p.m. EST	1.8 pCi/L	29.0416 inHg	55.0 °F	45.5 %rH
37	2023-12-22, 12:53 a.m. EST	2.2 pCi/L	29.0357 inHg	55.0 °F	45.5 %rH
38	2023-12-22, 1:53 a.m. EST	3.6 pCi/L	29.0292 inHg	54.7 °F	45.5 %rH
39	2023-12-22, 2:53 a.m. EST	3.1 pCi/L	29.0262 inHg	54.7 °F	45.5 %rH
40	2023-12-22, 3:53 a.m. EST	4.2 pCi/L	29.0203 inHg	55.4 °F	45.5 %rH
41	2023-12-22, 4:53 a.m. EST	2.9 pCi/L	29.0138 inHg	55.0 °F	45.5 %rH
42	2023-12-22, 5:53 a.m. EST	3.8 pCi/L	29.0020 inHg	55.0 °F	45.5 %rH
43	2023-12-22, 6:53 a.m. EST	3.1 pCi/L	29.0103 inHg	54.7 °F	45.5 %rH
44	2023-12-22, 7:53 a.m. EST	4.0 pCi/L	29.0221 inHg	54.7 °F	45.5 %rH
45	2023-12-22, 8:53 a.m. EST	2.2 pCi/L	29.0292 inHg	55.0 °F	45.5 %rH
46	2023-12-22, 9:53 a.m. EST	4.0 pCi/L	29.0451 inHg	55.0 °F	45.0 %rH
47	2023-12-22, 10:53 a.m. EST	2.2 pCi/L	29.0516 inHg	55.0 °F	45.0 %rH
48	2023-12-22, 11:53 a.m. EST	3.1 pCi/L	29.0457 inHg	54.7 °F	45.5 %rH



### TEMPERATURE & HUMIDITY GRAPHS



#### FOR MORE INFORMATION

For more information on how to reduce radon levels in your home visit <https://www.tn.gov/environment/program-areas/opsp-policy-and-sustainable-practices/community-programs-and-services/radon/mitigation-and-radon-resistant-new-construction0.html>

#### MONITOR INFORMATION



Serial Number:	<b>2700012345</b>
Calibration Date:	
Calibration Expiration Date:	
Manufacturer:	<b>Airthings</b>
Model:	<b>Corentium Pro</b>
Calibration Chamber:	<b>Airthings Lab</b>
License #:	<b>TC111706 / TRC2101</b>
Noninterference Controls:	<b>Corentium Pro uses a motion sensor to detect movement of the monitor during the measurement. It also records hourly temperature, humidity, and atmospheric pressure data to detect if closed-building conditions may have been broken during the measurement.</b>

#### STATEMENT OF TEST LIMITATIONS

There is an uncertainty with any measurement result due to statistical variations and other factors such as daily and seasonal variations in radon concentrations. Variations may be due to changes in the weather, operation of the dwelling, or possible interference with the necessary test conditions