Radon Measurement Report

COMPANY INFORMATION

Name:	Rocket Valley Home Inspections
Phone Number:	2565190960
Email:	info@rocketvalleyhomeinspections.com
Address:	14264 Muirfield Drive, Athens, AL 35613, USA

PROPERTY INFORMATION

Property Name	Jihn Do
Address:	14264 Muirfield Drive, Athens, Alabama 35613, United States
Ventilation Type:	Standard Makeup Air
Building Type:	House
Foundation Type:	Basement Foundation
Radon Mitigation System:	Active

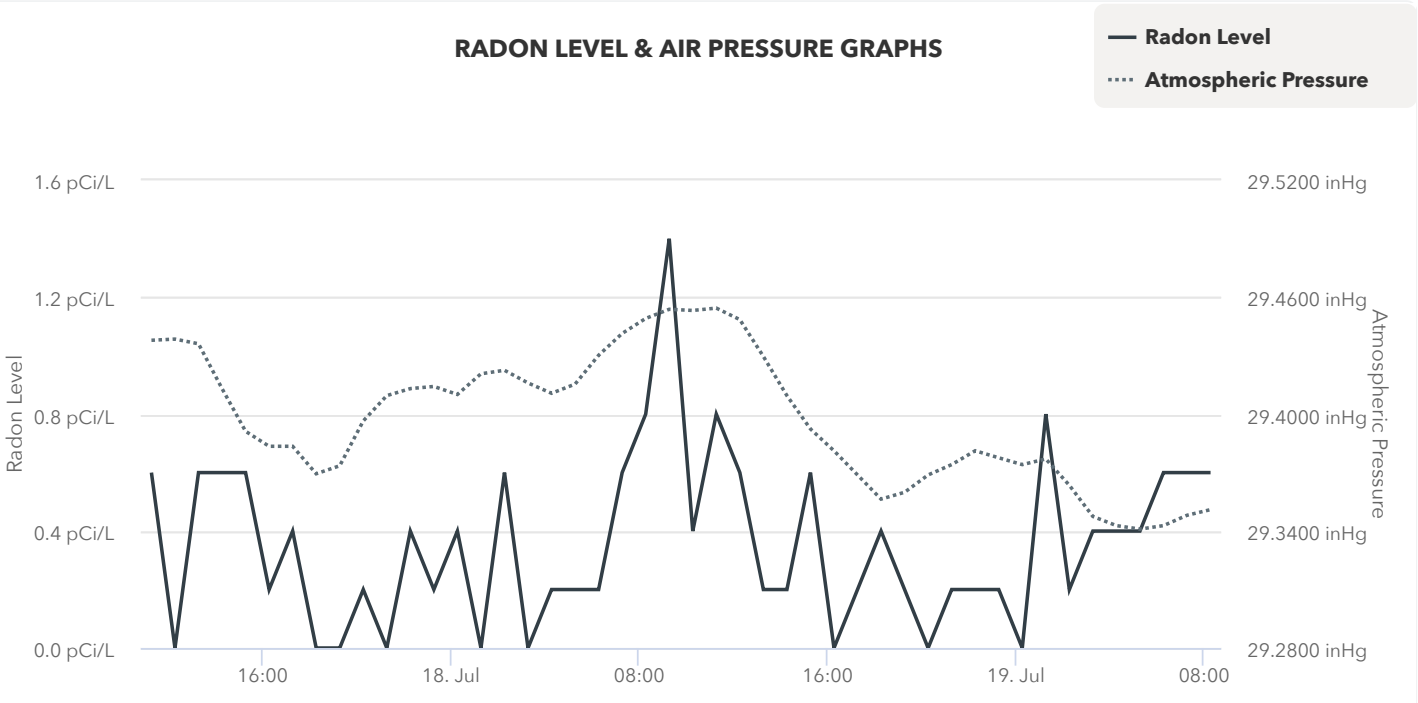
MEASUREMENT SUMMARY

	MINIMUM	AVERAGE	MAXIMUM
LEVEL OF RADON	0.0 pCi/L	0.3 pCi/L	1.4 pCi/L
TEMPERATURE	69.4 °F	70.9 °F	75.2 °F
HUMIDITY	50.5 %rH	53.3 %rH	57.0 %rH
ATMOSPHERIC PRESSURE	29.3410 inHg	29.3972 inHg	29.4544 inHg

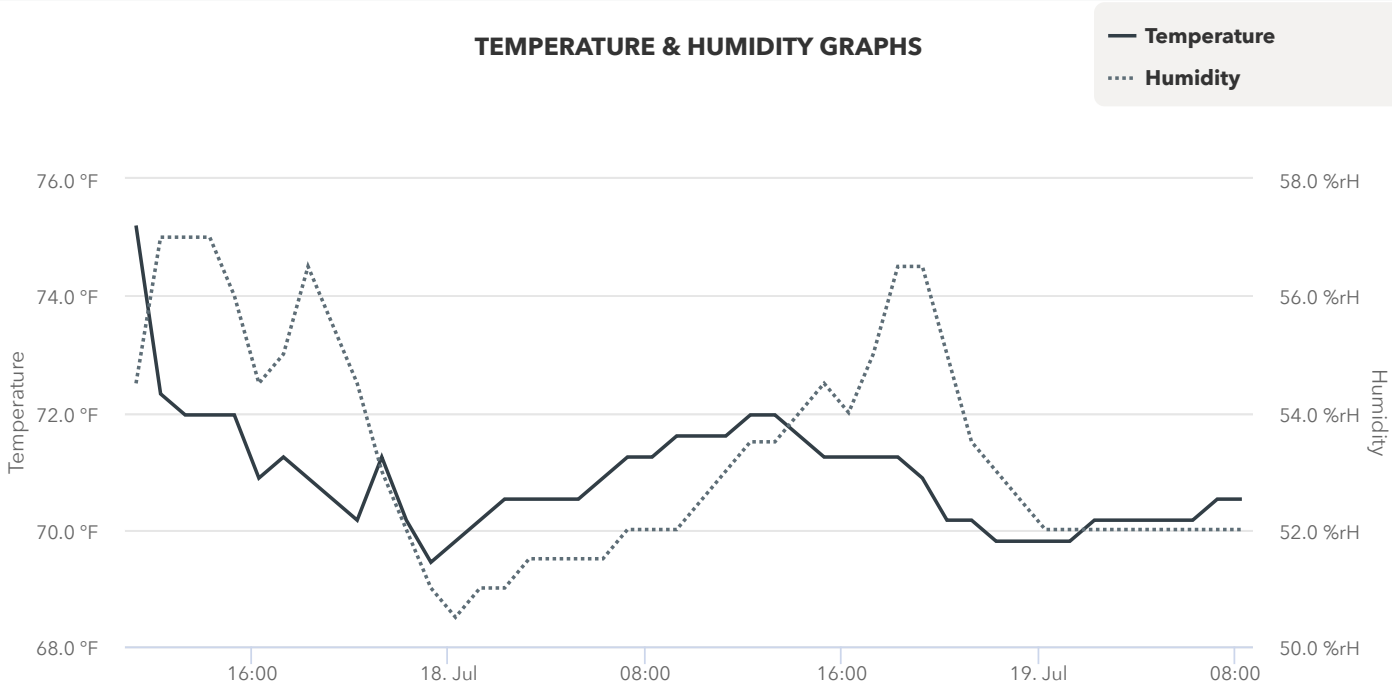
MOTION EVENTS

No motion events were detected during this measurement.

RADON LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS



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	2021-07-17, 11:16 a.m.	**0.6 pCi/L**	**29.4379 inHg**	**75.2 °F**	**54.5 %rH**
2	2021-07-17, 12:16 p.m.	**0.0 pCi/L**	**29.4385 inHg**	**72.3 °F**	**57.0 %rH**
3	2021-07-17, 1:16 p.m.	**0.6 pCi/L**	**29.4361 inHg**	**72.0 °F**	**57.0 %rH**
4	2021-07-17, 2:16 p.m.	**0.6 pCi/L**	**29.4131 inHg**	**72.0 °F**	**57.0 %rH**
5	2021-07-17, 3:16 p.m.	**0.6 pCi/L**	**29.3912 inHg**	**72.0 °F**	**56.0 %rH**
6	2021-07-17, 4:16 p.m.	**0.2 pCi/L**	**29.3835 inHg**	**70.9 °F**	**54.5 %rH**
7	2021-07-17, 5:16 p.m.	**0.4 pCi/L**	**29.3835 inHg**	**71.2 °F**	**55.0 %rH**
8	2021-07-17, 6:16 p.m.	**0.0 pCi/L**	**29.3694 inHg**	**70.9 °F**	**56.5 %rH**
9	2021-07-17, 7:16 p.m.	**0.0 pCi/L**	**29.3735 inHg**	**70.5 °F**	**55.5 %rH**
10	2021-07-17, 8:16 p.m.	**0.2 pCi/L**	**29.3965 inHg**	**70.2 °F**	**54.5 %rH**
11	2021-07-17, 9:16 p.m.	**0.0 pCi/L**	**29.4095 inHg**	**71.2 °F**	**53.0 %rH**
12	2021-07-17, 10:16 p.m.	**0.4 pCi/L**	**29.4131 inHg**	**70.2 °F**	**52.0 %rH**
13	2021-07-17, 11:16 p.m.	**0.2 pCi/L**	**29.4142 inHg**	**69.4 °F**	**51.0 %rH**
14	2021-07-18, 12:16 a.m.	**0.4 pCi/L**	**29.4101 inHg**	**69.8 °F**	**50.5 %rH**
15	2021-07-18, 1:16 a.m.	**0.0 pCi/L**	**29.4207 inHg**	**70.2 °F**	**51.0 %rH**
16	2021-07-18, 2:16 a.m.	**0.6 pCi/L**	**29.4225 inHg**	**70.5 °F**	**51.0 %rH**
17	2021-07-18, 3:16 a.m.	**0.0 pCi/L**	**29.4160 inHg**	**70.5 °F**	**51.5 %rH**
18	2021-07-18, 4:16 a.m.	**0.2 pCi/L**	**29.4107 inHg**	**70.5 °F**	**51.5 %rH**
19	2021-07-18, 5:16 a.m.	**0.2 pCi/L**	**29.4154 inHg**	**70.5 °F**	**51.5 %rH**

20	2021-07-18, 6:16 a.m.	**0.2 pCi/L**	**29.4302 inHg**	**70.9 °F**	**51.5 %rH**
21	2021-07-18, 7:16 a.m.	**0.6 pCi/L**	**29.4414 inHg**	**71.2 °F**	**52.0 %rH**
22	2021-07-18, 8:16 a.m.	**0.8 pCi/L**	**29.4491 inHg**	**71.2 °F**	**52.0 %rH**
23	2021-07-18, 9:16 a.m.	**1.4 pCi/L**	**29.4538 inHg**	**71.6 °F**	**52.0 %rH**
24	2021-07-18, 10:16 a.m.	**0.4 pCi/L**	**29.4532 inHg**	**71.6 °F**	**52.5 %rH**
25	2021-07-18, 11:16 a.m.	**0.8 pCi/L**	**29.4544 inHg**	**71.6 °F**	**53.0 %rH**
26	2021-07-18, 12:16 p.m.	**0.6 pCi/L**	**29.4485 inHg**	**72.0 °F**	**53.5 %rH**
27	2021-07-18, 1:16 p.m.	**0.2 pCi/L**	**29.4296 inHg**	**72.0 °F**	**53.5 %rH**
28	2021-07-18, 2:16 p.m.	**0.2 pCi/L**	**29.4095 inHg**	**71.6 °F**	**54.0 %rH**
29	2021-07-18, 3:16 p.m.	**0.6 pCi/L**	**29.3924 inHg**	**71.2 °F**	**54.5 %rH**
30	2021-07-18, 4:16 p.m.	**0.0 pCi/L**	**29.3812 inHg**	**71.2 °F**	**54.0 %rH**
31	2021-07-18, 5:16 p.m.	**0.2 pCi/L**	**29.3688 inHg**	**71.2 °F**	**55.0 %rH**
32	2021-07-18, 6:16 p.m.	**0.4 pCi/L**	**29.3564 inHg**	**71.2 °F**	**56.5 %rH**
33	2021-07-18, 7:16 p.m.	**0.2 pCi/L**	**29.3599 inHg**	**70.9 °F**	**56.5 %rH**
34	2021-07-18, 8:16 p.m.	**0.0 pCi/L**	**29.3688 inHg**	**70.2 °F**	**55.0 %rH**
35	2021-07-18, 9:16 p.m.	**0.2 pCi/L**	**29.3741 inHg**	**70.2 °F**	**53.5 %rH**
36	2021-07-18, 10:16 p.m.	**0.2 pCi/L**	**29.3812 inHg**	**69.8 °F**	**53.0 %rH**
37	2021-07-18, 11:16 p.m.	**0.2 pCi/L**	**29.3776 inHg**	**69.8 °F**	**52.5 %rH**
38	2021-07-19, 12:16 a.m.	**0.0 pCi/L**	**29.3741 inHg**	**69.8 °F**	**52.0 %rH**
39	2021-07-19, 1:16 a.m.	**0.8 pCi/L**	**29.3770 inHg**	**69.8 °F**	**52.0 %rH**
40	2021-07-19, 2:16 a.m.	**0.2 pCi/L**	**29.3635 inHg**	**70.2 °F**	**52.0 %rH**
41	2021-07-19, 3:16 a.m.	**0.4 pCi/L**	**29.3475 inHg**	**70.2 °F**	**52.0 %rH**
42	2021-07-19, 4:16 a.m.	**0.4 pCi/L**	**29.3428 inHg**	**70.2 °F**	**52.0 %rH**
43	2021-07-19, 5:16 a.m.	**0.4 pCi/L**	**29.3410 inHg**	**70.2 °F**	**52.0 %rH**
44	2021-07-19, 6:16 a.m.	**0.6 pCi/L**	**29.3428 inHg**	**70.2 °F**	**52.0 %rH**
45	2021-07-19, 7:16 a.m.	**0.6 pCi/L**	**29.3481 inHg**	**70.5 °F**	**52.0 %rH**
46	2021-07-19, 8:16 a.m.	**0.6 pCi/L**	**29.3510 inHg**	**70.5 °F**	**52.0 %rH**

TEST INFORMATION

Average Radon Level:	0.3 pCi/L
Dataset Name	1234 Main Streen, Some where, AL
Start Date:	Jul. 17, 2021, 10:16 a.m.
End Date:	Jul. 19, 2021, 8:16 a.m.
Measurement Duration:	46h
Floor/Level:	Basement
Room:	Hall
Comment:	No comments documented.

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL

Temporary Conditions:	None documented.
Deviations from Protocol:	None documented.

Recommended Actions

<4.0 PCI/L - W/ MITIGATION SYSTEM

The average measured radon level is below the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. The installed radon mitigation system(s) appear to be effectively lowering the concentration of indoor radon. The EPA recommends having the building retested at least once every 2 years to ensure the system remains effective. Performing follow-up tests during the heating season is recommended since this is when radon levels tend to be the highest. A 12-month long test, or continuous monitoring, will most accurately reflect radon exposure throughout the year.

MONITOR INFORMATION

Serial Number:	2700012501
Calibration Date:	2021-04-29
Calibration Expiration Date:	2022-04-29
Manufacturer:	Airthings
Model:	Corentium Pro
Noninterference Controls:	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.

TIME REPORT WAS GENERATED

Unique Report ID:	2700012501-2021-07-17T16:16:18Z
Date Report Was Generated:	2021-07-29
Time:	5:25 p.m.

RADON PROFESSIONAL INFORMATION

Name:	Cody Wojasinski
Email address:	info@rocketvalleyhomeinspections.com
Phone number:	2565190960

STATEMENT OF LIMITATIONS

There is an uncertainty with any radon measurement result due to statistical variations in radiation, and other factors such as conditions which change daily and seasonally which can cause variations in indoor radon levels. These conditions can change based on the weather, the use or disuse of appliances, systems, and components of the structure, tampering with the radon test, or failure to comply with the closed-building conditions necessary for a valid radon measurement result.

ADDITIONAL RADON INFORMATION

For further information regarding your radon measurement report, radon exposure risk, a radon professional, or to obtain a list of certified radon measurement and mitigation professionals in your area, contact your jurisdiction's Department of Health.

RADON PROFESSIONAL'S SIGNATURE

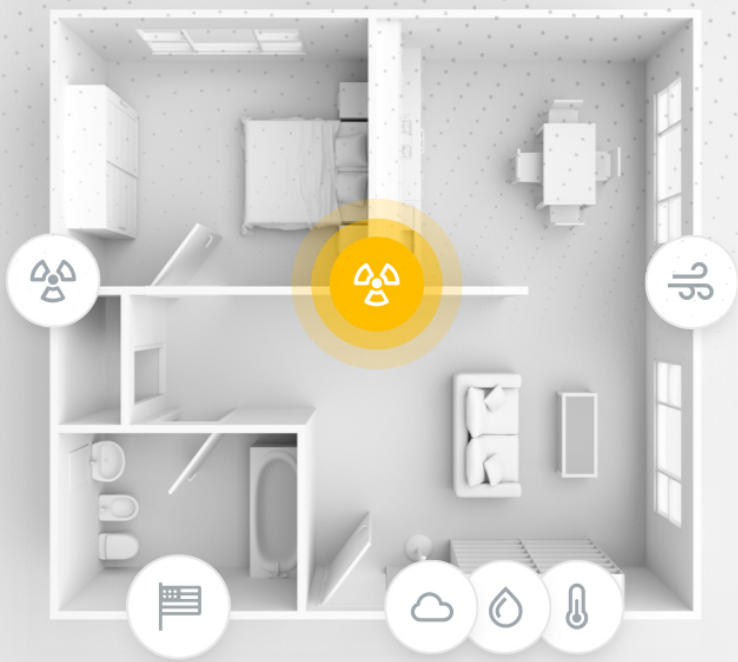
This report is certified by Cody Wojasinski.

Cody Wojasinski

Electronic Signature

2021-07-29
Somewhere

AIRTHINGS



Radon

Radon levels fluctuate daily throughout the year. A short-term radon test is important to gain an understanding of what your levels are, but **you should continuously monitor to understand your overall exposure to radon.**

VOCs

Volatile Organic Compounds - Total VOCs are odors and chemicals emitted from many everyday products, including cleaning agents, paints and furniture, cosmetics, hobby products, cooking and even human breath.

US Environmental Protection Agency

The EPA recommends reducing radon levels, at the very least, that are between 2pCi/L and 4pCi/L.

Air pressure, humidity, temp etc.

Radon isn't all you should monitor in your home. Airthings devices also measure carbon dioxide levels, temperature, humidity, air pressure, and volatile organic compounds

	Wave Plus	**Wave**	**Corentium** Home
Radon	✓	✓	✓
Humidity	✓	✓	
Temperature	✓	✓	
VOC	✓		
CO2	✓		
Pressure	✓		
Battery Operated	✓	✓	✓
Wave Function	✓	✓	
Digital screen			✓