

# PHDS GEGI IN FUKUSHIMA

---

NIKIGLASS

# EVACUATION ORDER CANCELLATION LEVEL

---

- Measurement position : Height 1 m from the ground surface.
- Release level : < 20mSv/year
  - Outdoor : < 3.8 $\mu$ Sv/hr

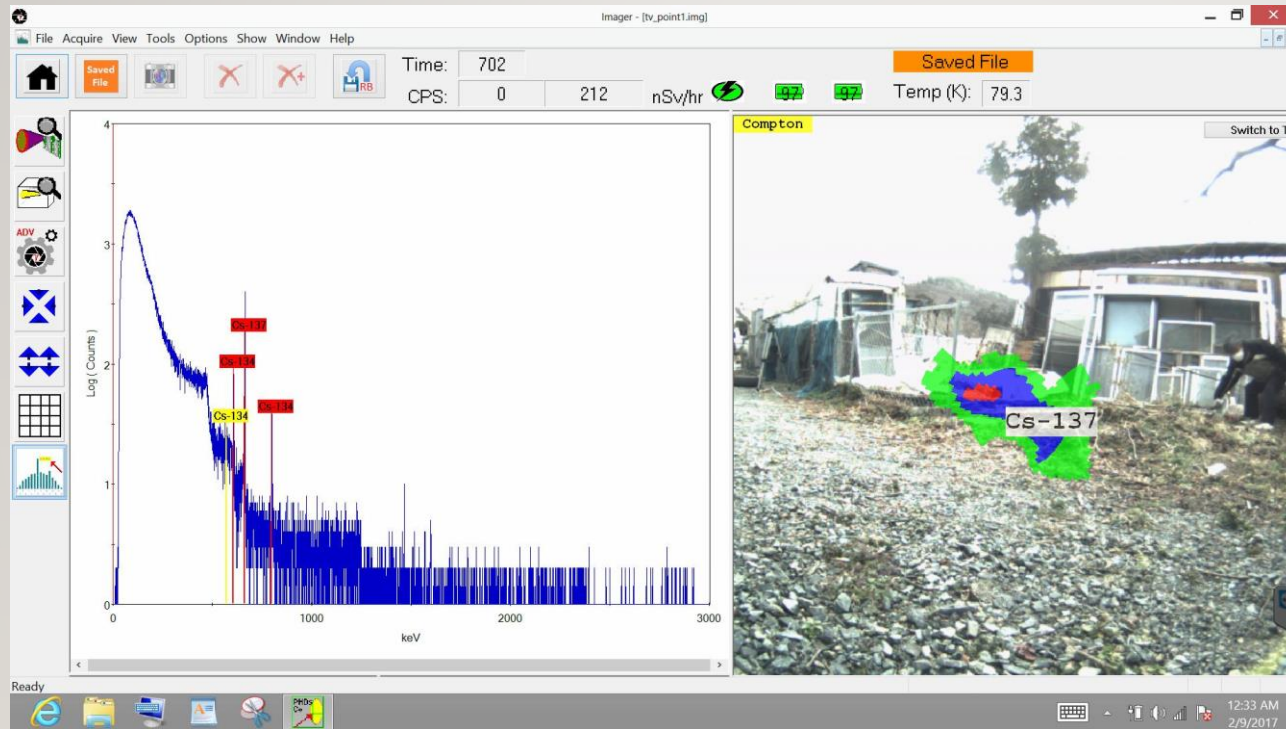
There are no evaluation criteria for internal exposure.

This applies to all residents, Both adults and children.

The following data measured by PHDS GeGI was measured in the unlimited areas where the decontamination by the national and local governments was completed.

The Compton image was set to Cs 137 only.

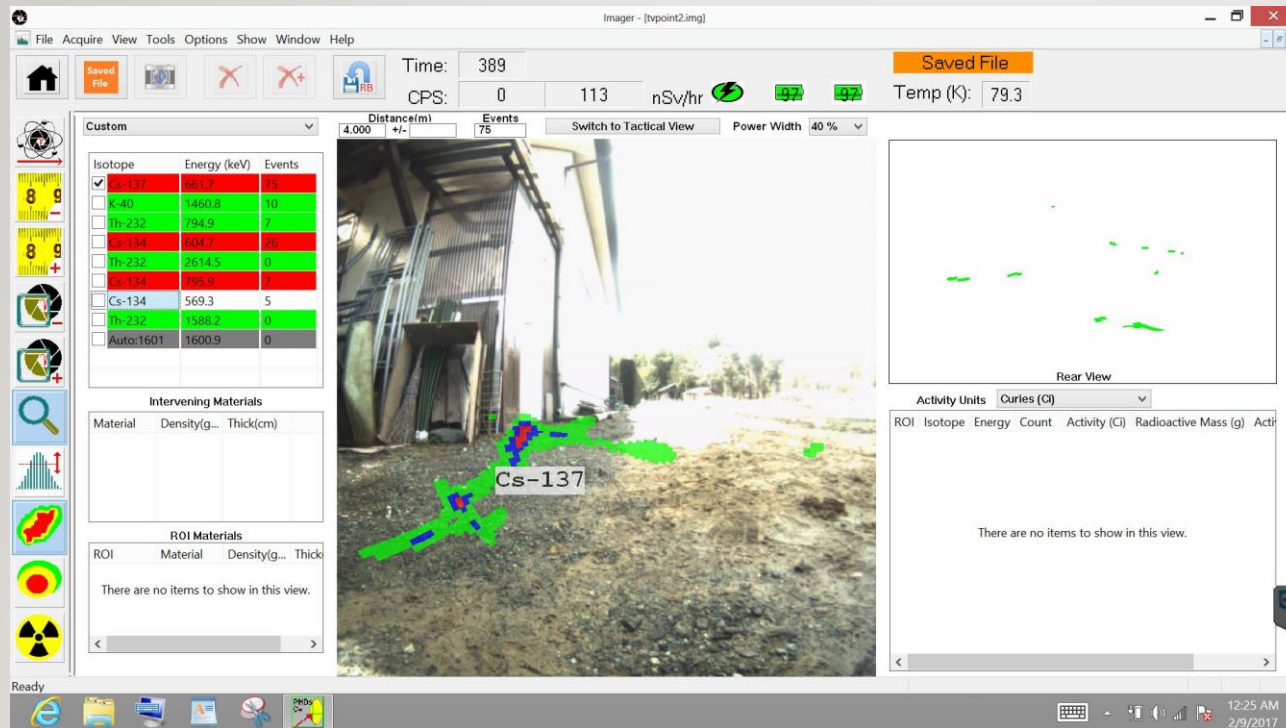
# MINAMI-SOHMA AREA POINT I



Detect high pollution in tents left in the open air.

Such contaminants are not covered by government decontamination.

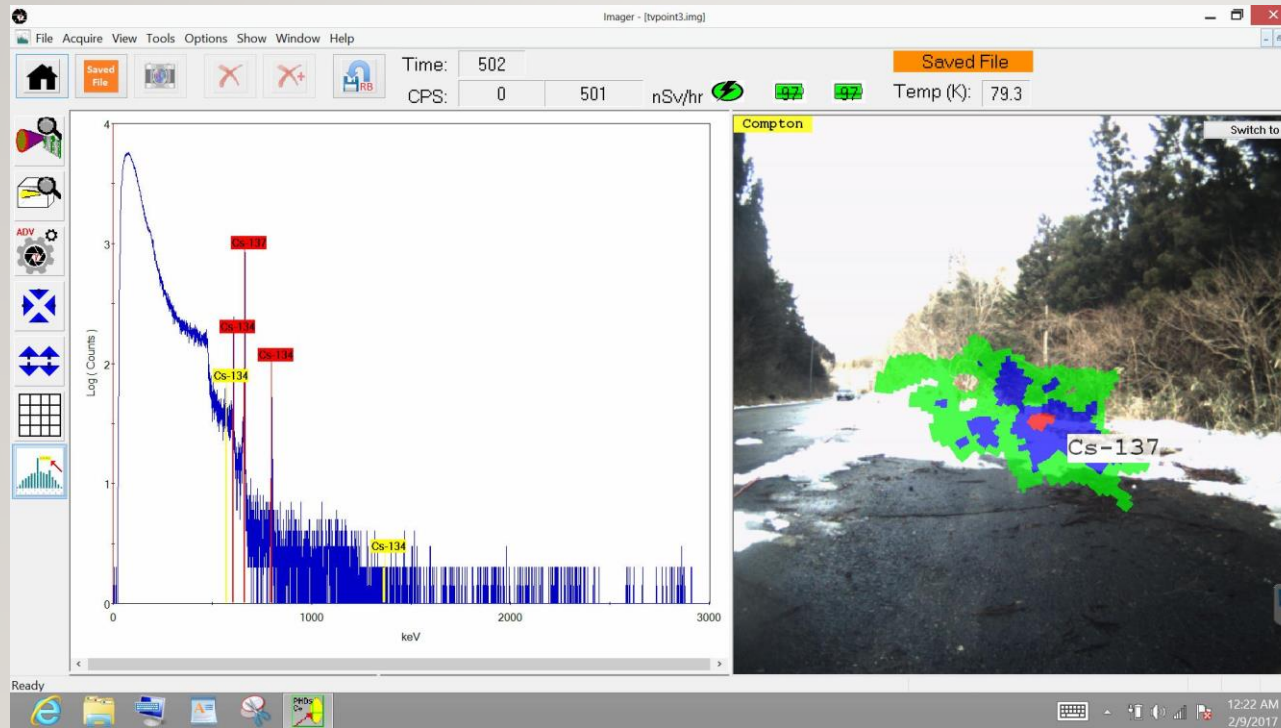
# MINAMI-SOHMA AREA POINT 2



Common patterns.  
In the decontaminated private house, a high dose rate can be seen again at the drain port of the gutter.  
(Re-contamination)

I caught the trace of contaminated water flowing here.

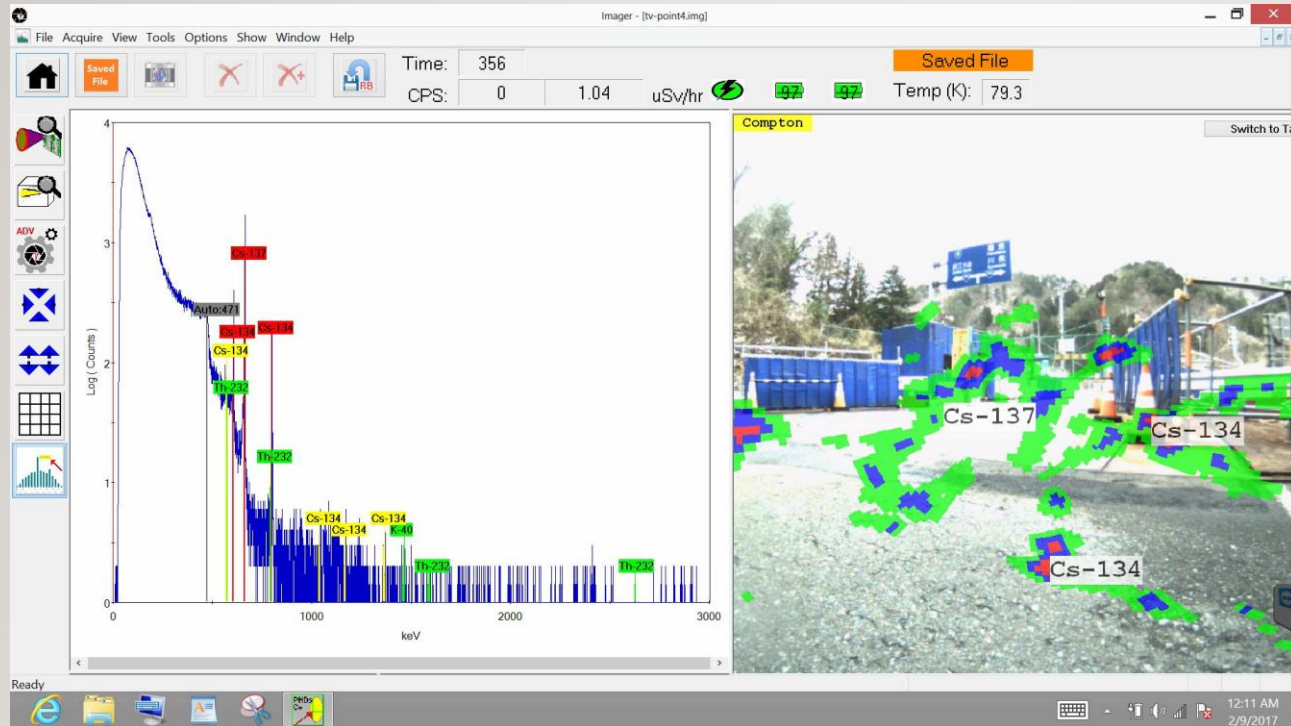
# MINAMI-SOHMA AREA POINT 3



Measure 100 uSv / hr at the ground surface at this point of the forest.

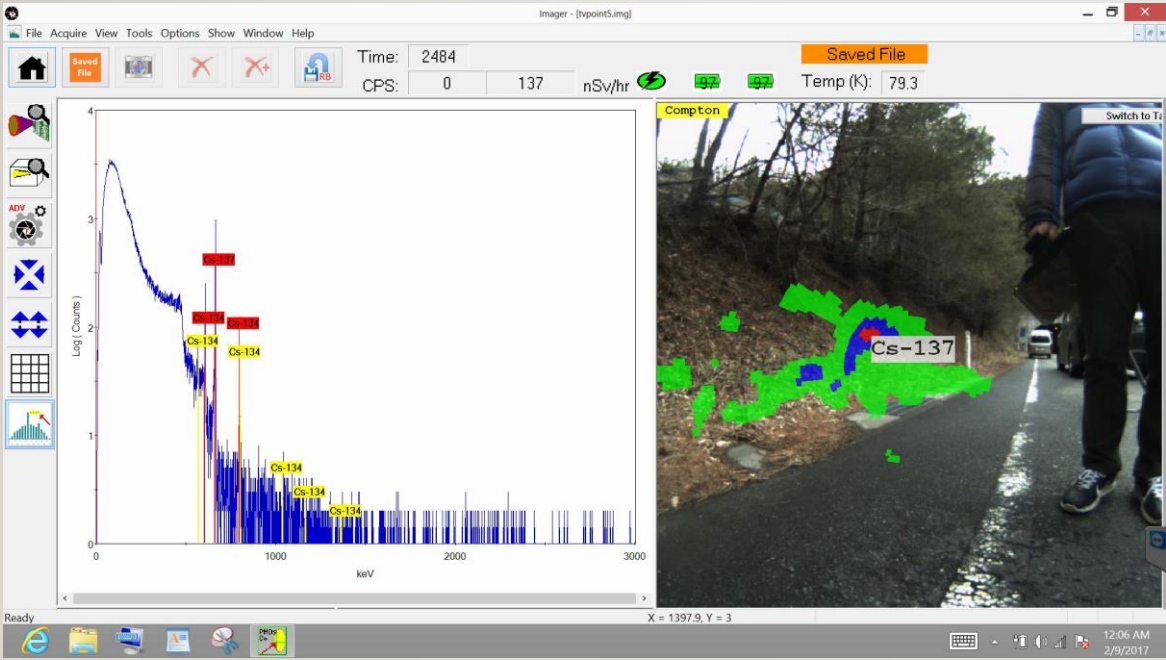
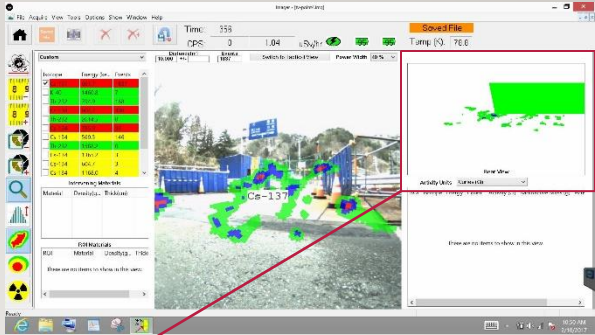
This place is a place where citizens visit to take wild plants

# MINAMI-SOHMA AREA POINT 4



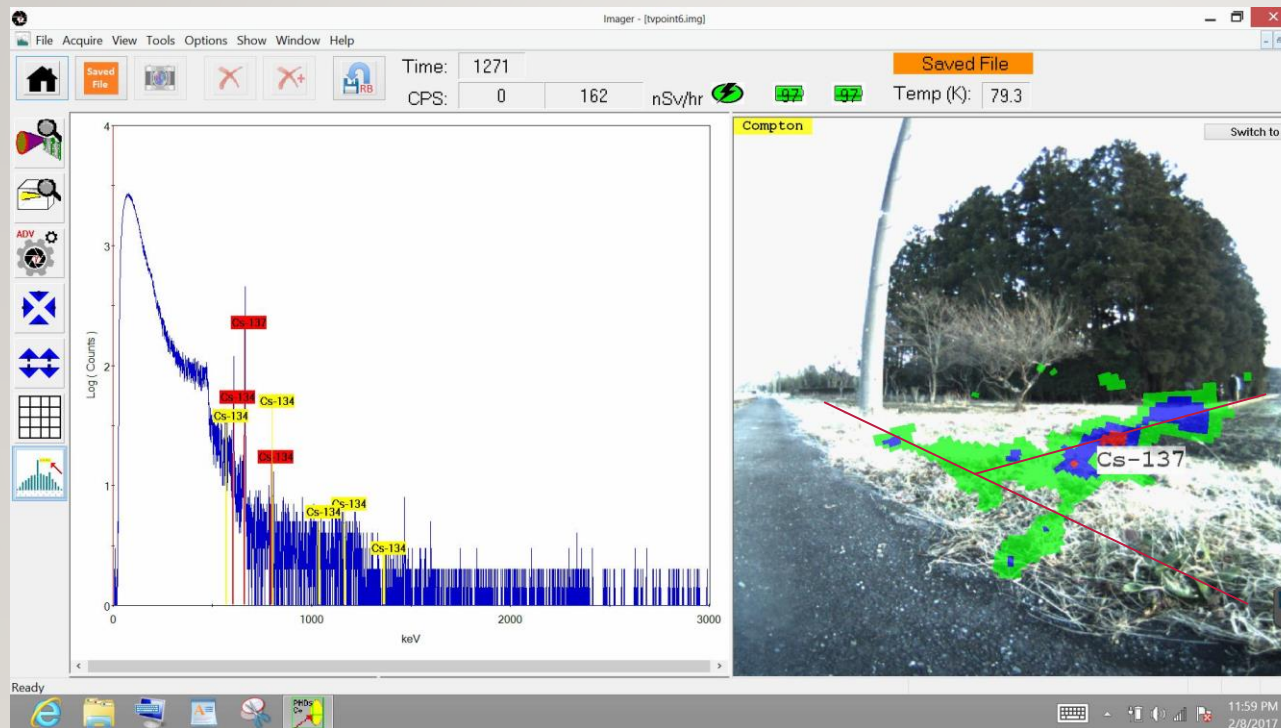
Boundary between evacuation  
release area and evacuation  
area

# MINAMI-SOHMA AREA POINT 4B



GeGI detected backward contamination at Point 4 so measure backward

# MINAMI-SOHMA AREA POINT 5



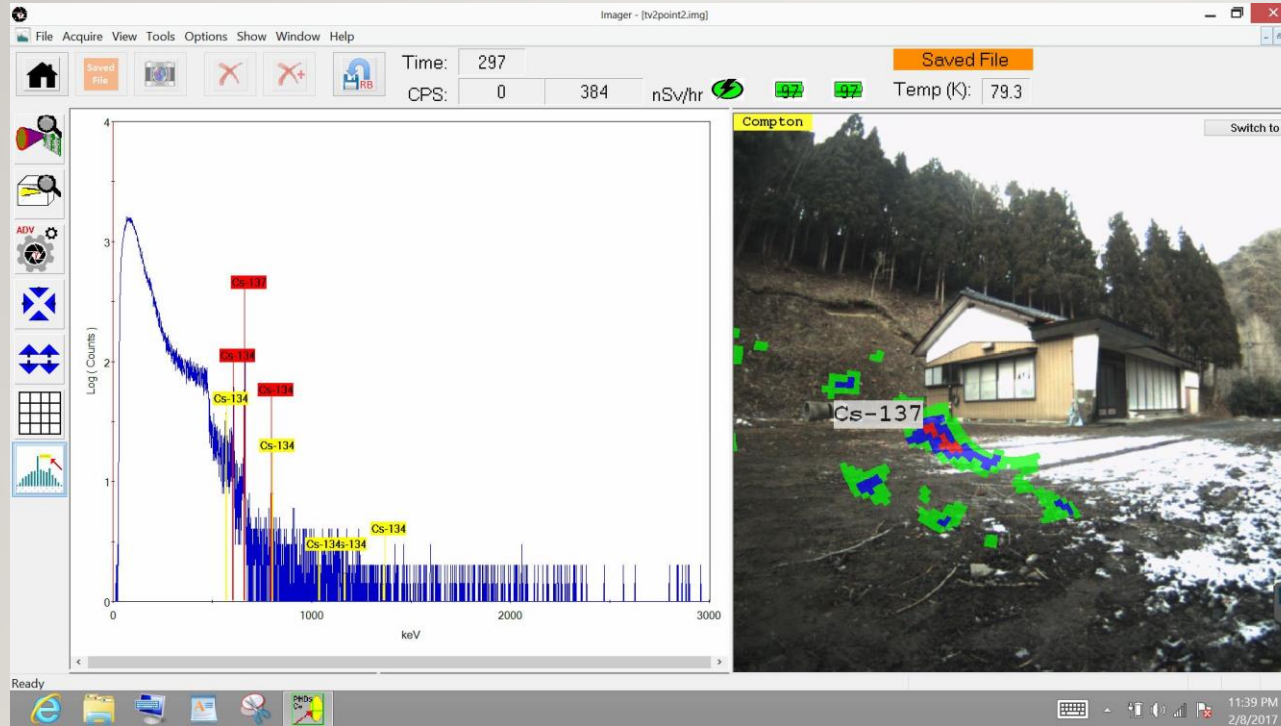
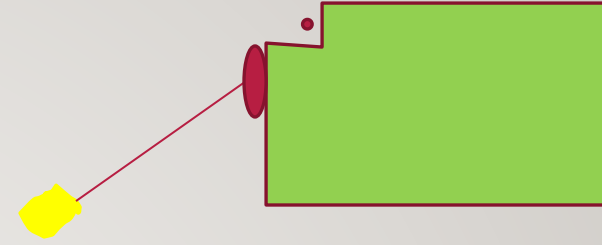
On the red line there is a canal.

Pollution spreads along this canal.  
It is inferred that contaminated dust adheres to the tree and has flowed into the irrigation canal from here.



# MINAMI-SOHMA AREA POINT 7

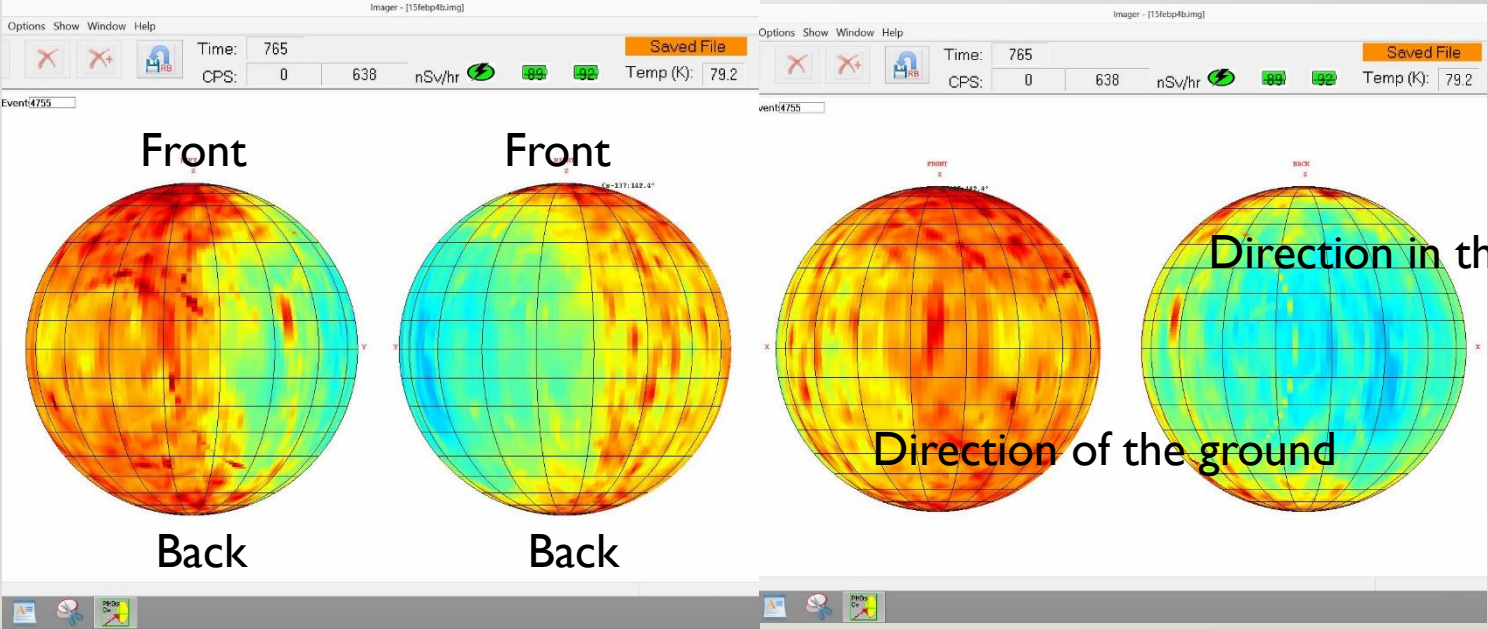
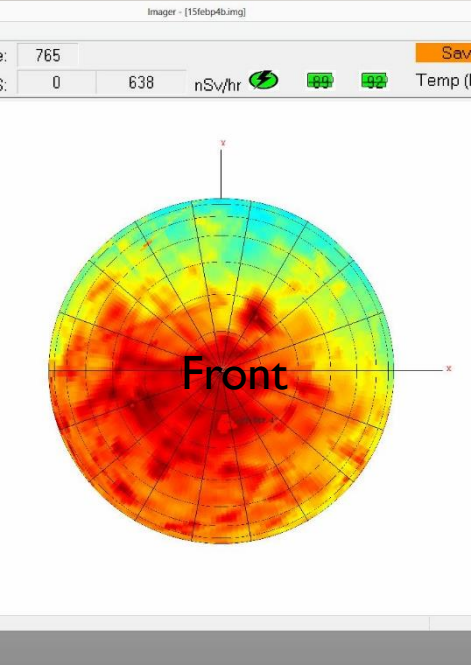
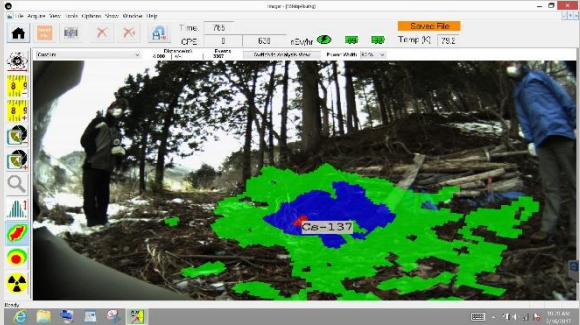
Real hot spot



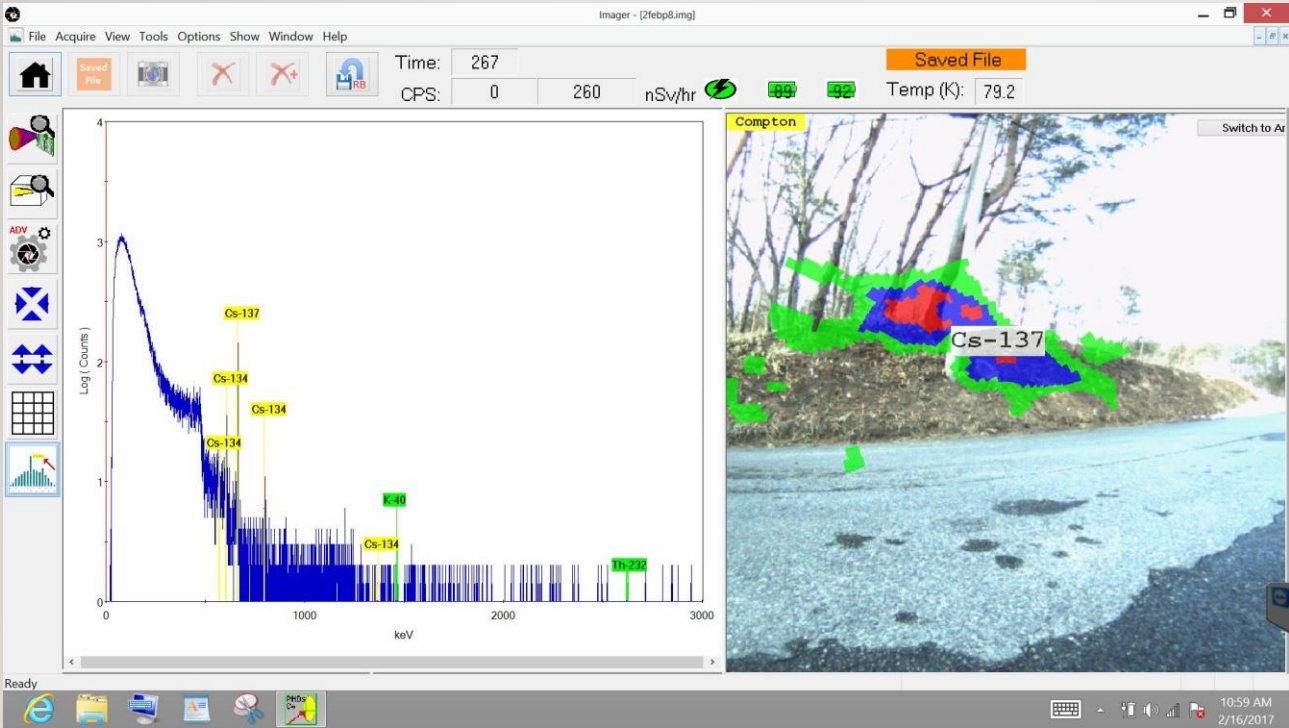
GeGI detected pollution on the wall of the house. But this point is not contaminated.

However, there was a drain outlet behind the wall, and high pollution was detected here.

# IIDATE AREA POINT 3



# IIDATE AREA POINT 4



# SHIBUYA IN TOKYO

