

Situation 1

A truck is stopped at a border crossing after triggering a radiation portal. Search with handheld detectors indicates the presence of a source on board which cannot be identified by the operators so authorities are asked to assist. The shipping documents indicate that the truck is supposed to be carrying “aviation components” from an old military base to a scrap metal firm in a second country. Limited visual inspection inside the truck indicate what appear to be open topped wooden shipping crates filled with what look to be old motors and metal junk. One of these crates seems to be responsible for the elevated gamma readings. What appears to be the designation “HK31A” is visible stamped on a casing of one of the pieces in the crate.

Due to the way the crates are stacked, only one face of the suspect crate is accessible. A spectrum is at about 1 meter from the visible crate face.

Prior to entering the truck a background spectrum was accrued for 300 seconds by simply holding the detector at about 1 meter over the ground.



Spectra provided:

Spectrum at the side of the crate
Background spectrum

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Situation 1 background.chn cnf/.spe/.txt/.phd