

IRAS F05189-2524

Observation plan

We perform a normal continuous 100 ksec observation.

<Adopted filter/mode>

Resolve: no filter

Xtend: full window mode

Immediate objectives

The proposed observation aims to

- [1] Explore binary super massive black hole with sub-pc separation.
- [2] Detect blue-shifted absorption line features by ultra-fast outflows, and compare their properties to galactic molecular outflows.
- [3] Study an accretion disk and obscuring matters of an AGN in the ULIRG, and compare their properties to those in Seyferts.
- [4] Identify multi-temperature components and dynamics of starburst plasmas, and compare their properties to those without the AGN activity.