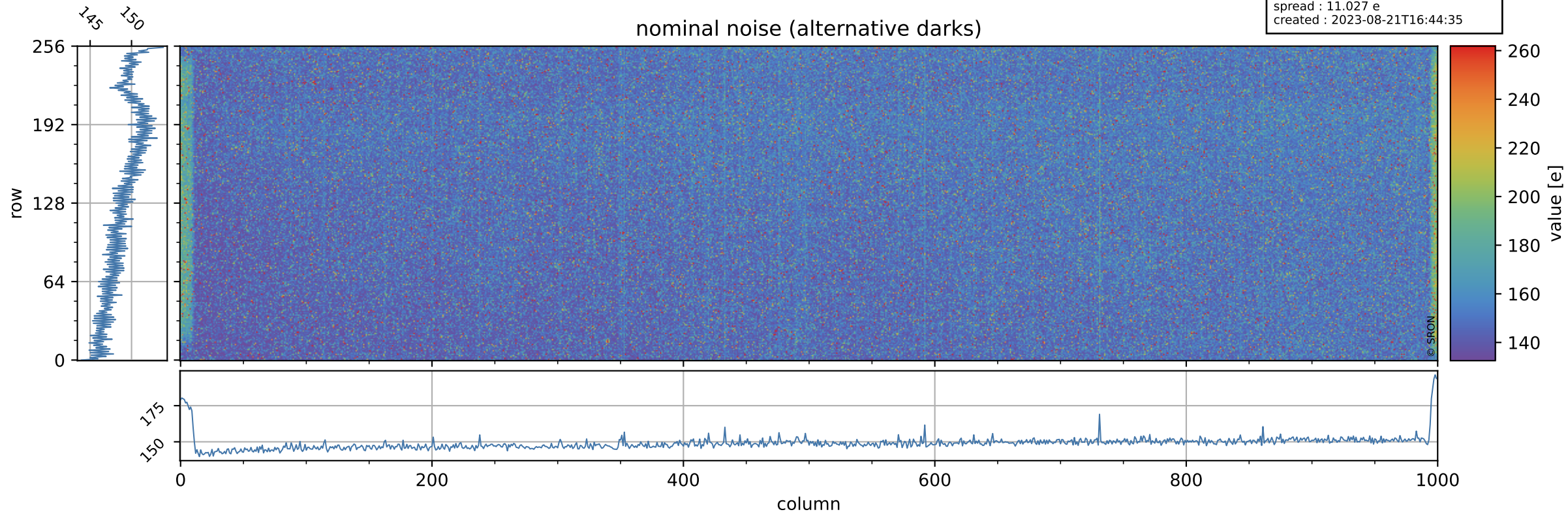


Tropomi SWIR background noise (swir)

orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.027 e
created : 2023-08-21T16:44:35

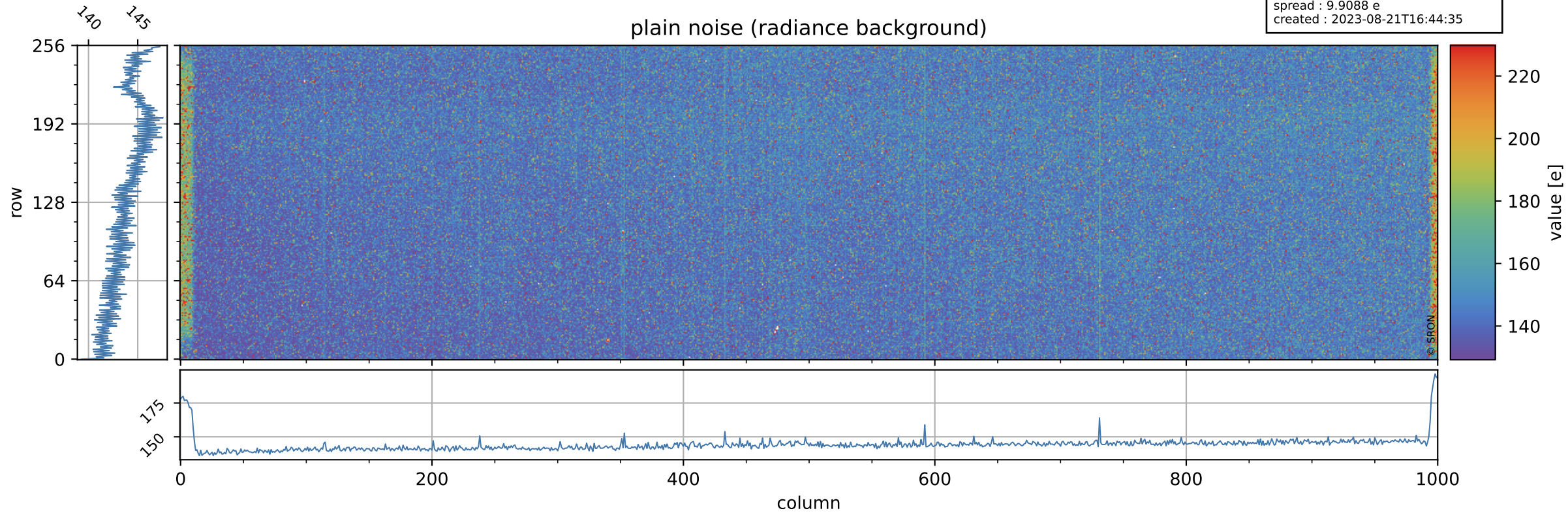
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

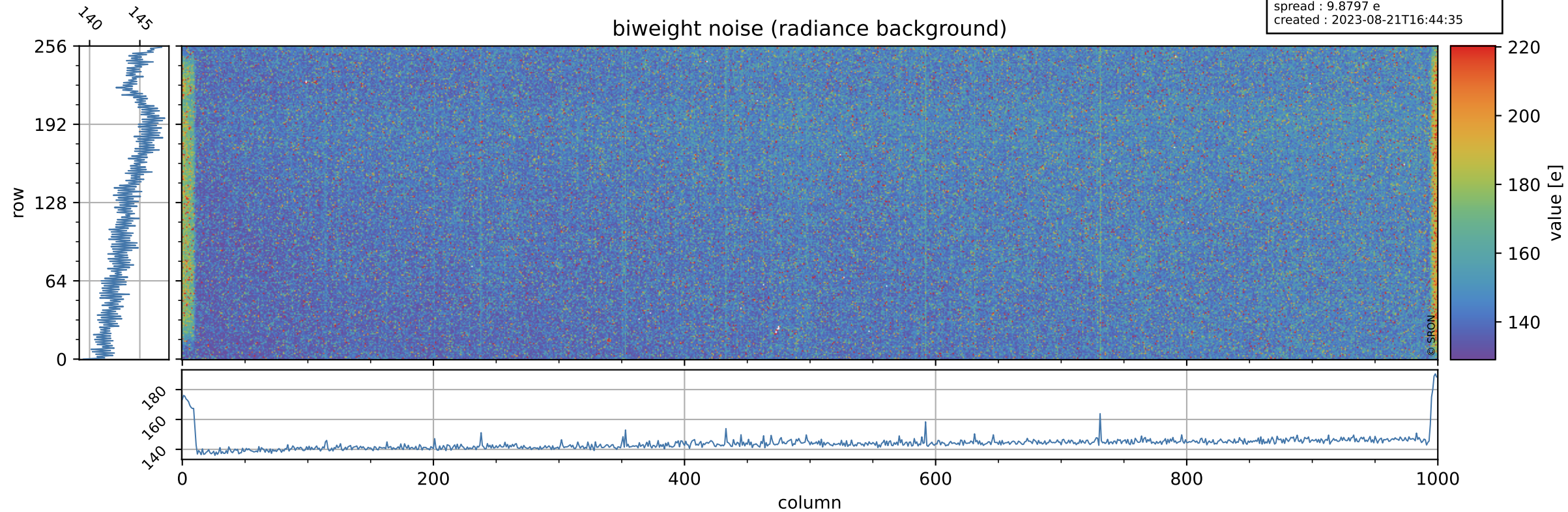
orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9088 e
created : 2023-08-21T16:44:35

plain noise (radiance background)



Tropomi SWIR background noise (swir)

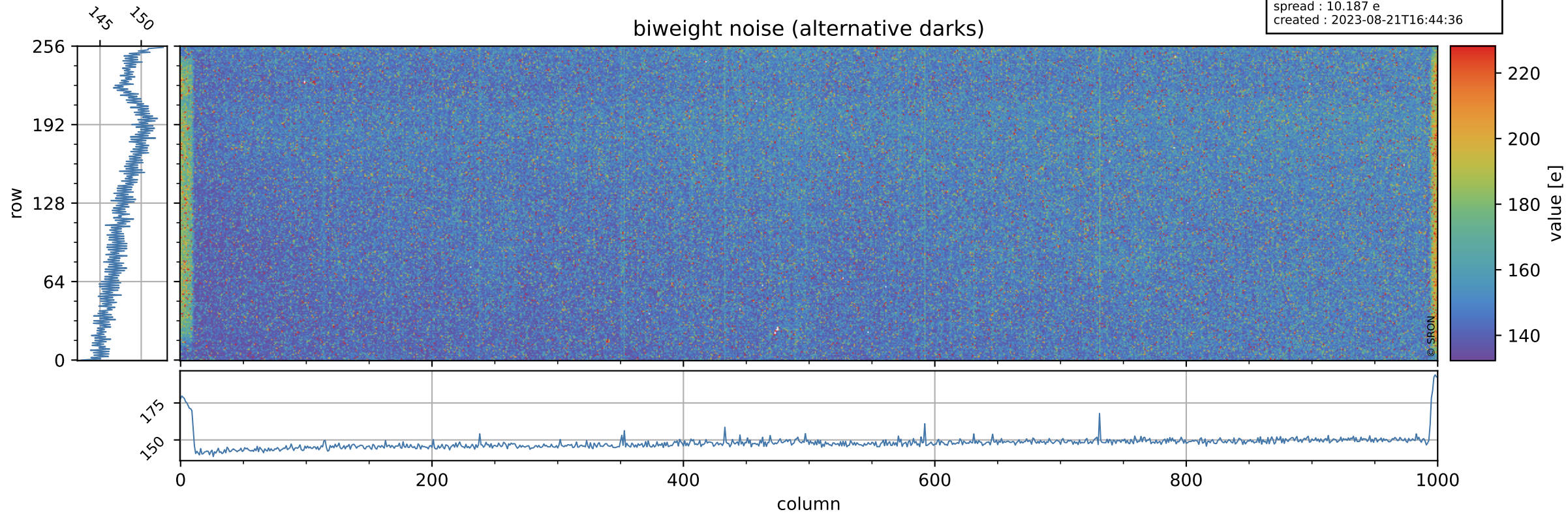
orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8797 e
created : 2023-08-21T16:44:35



Tropomi SWIR background noise (swir)

orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.187 e
created : 2023-08-21T16:44:36

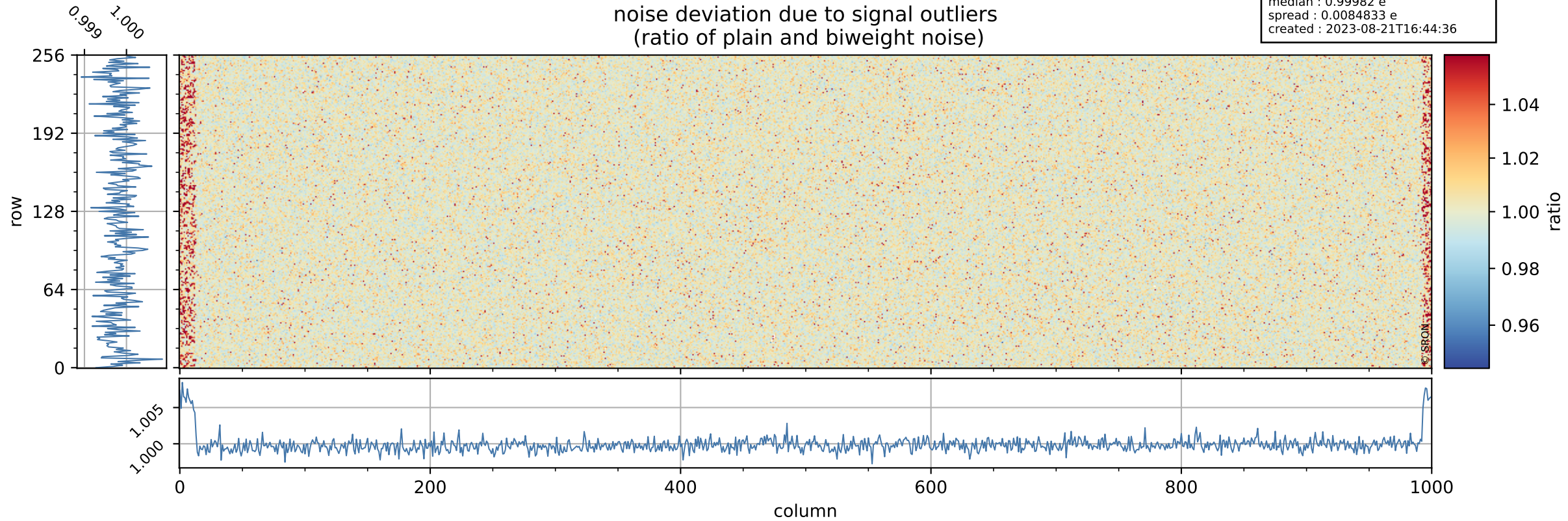
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

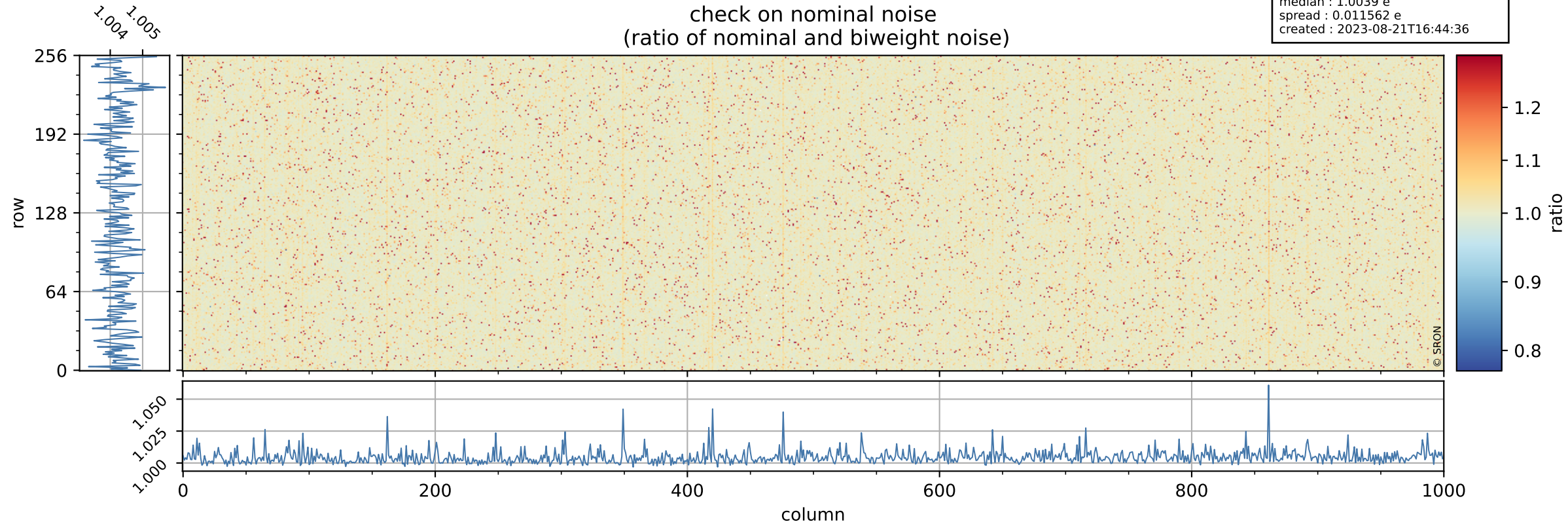
orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
median : 0.99982 e
spread : 0.0084833 e
created : 2023-08-21T16:44:36



Tropomi SWIR background noise (swir)

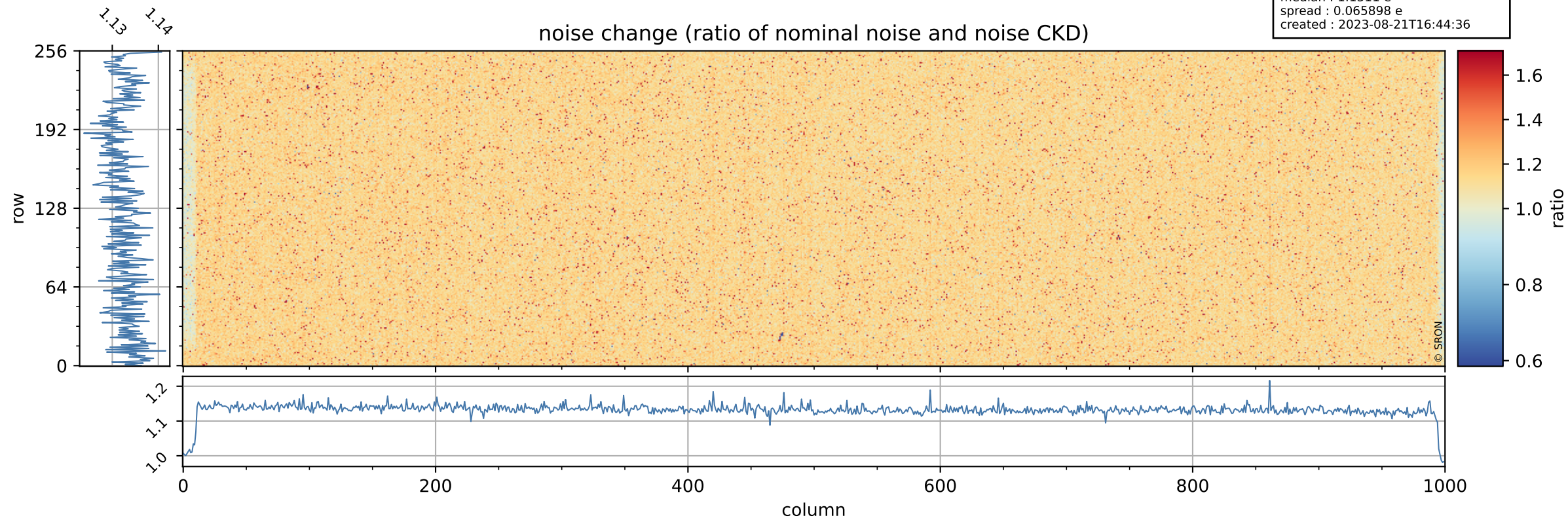
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
median : 1.0039 e
spread : 0.011562 e
created : 2023-08-21T16:44:36



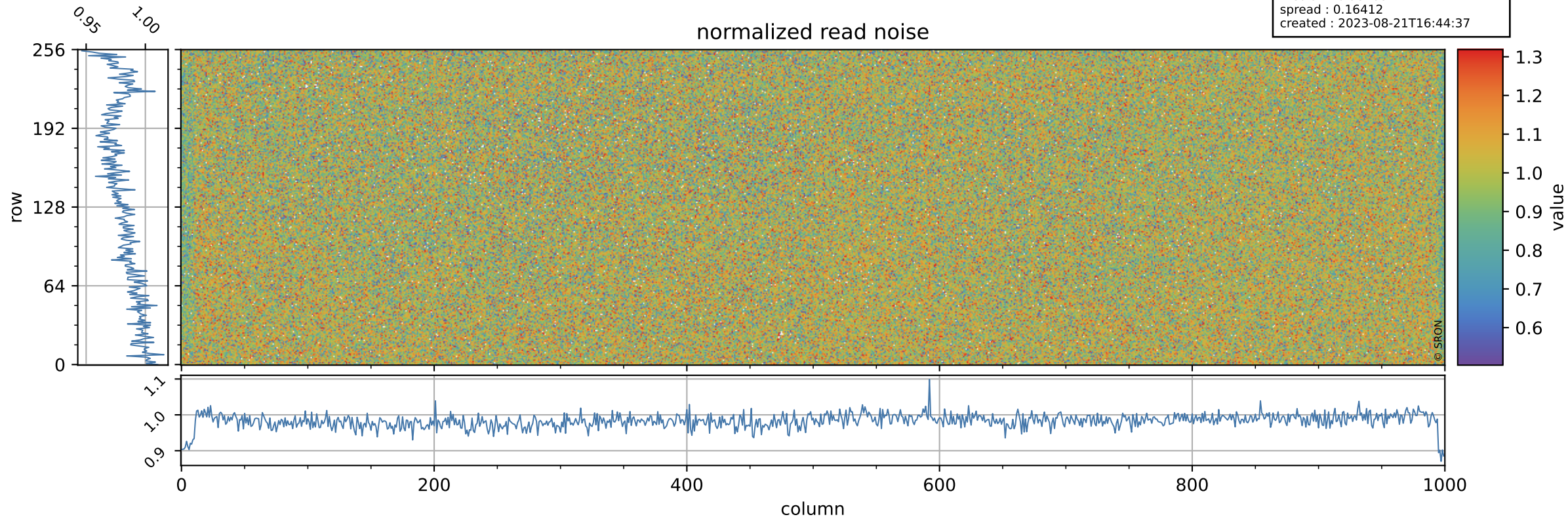
Tropomi SWIR background noise (swir)

orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
median : 1.1311 e
spread : 0.065898 e
created : 2023-08-21T16:44:36



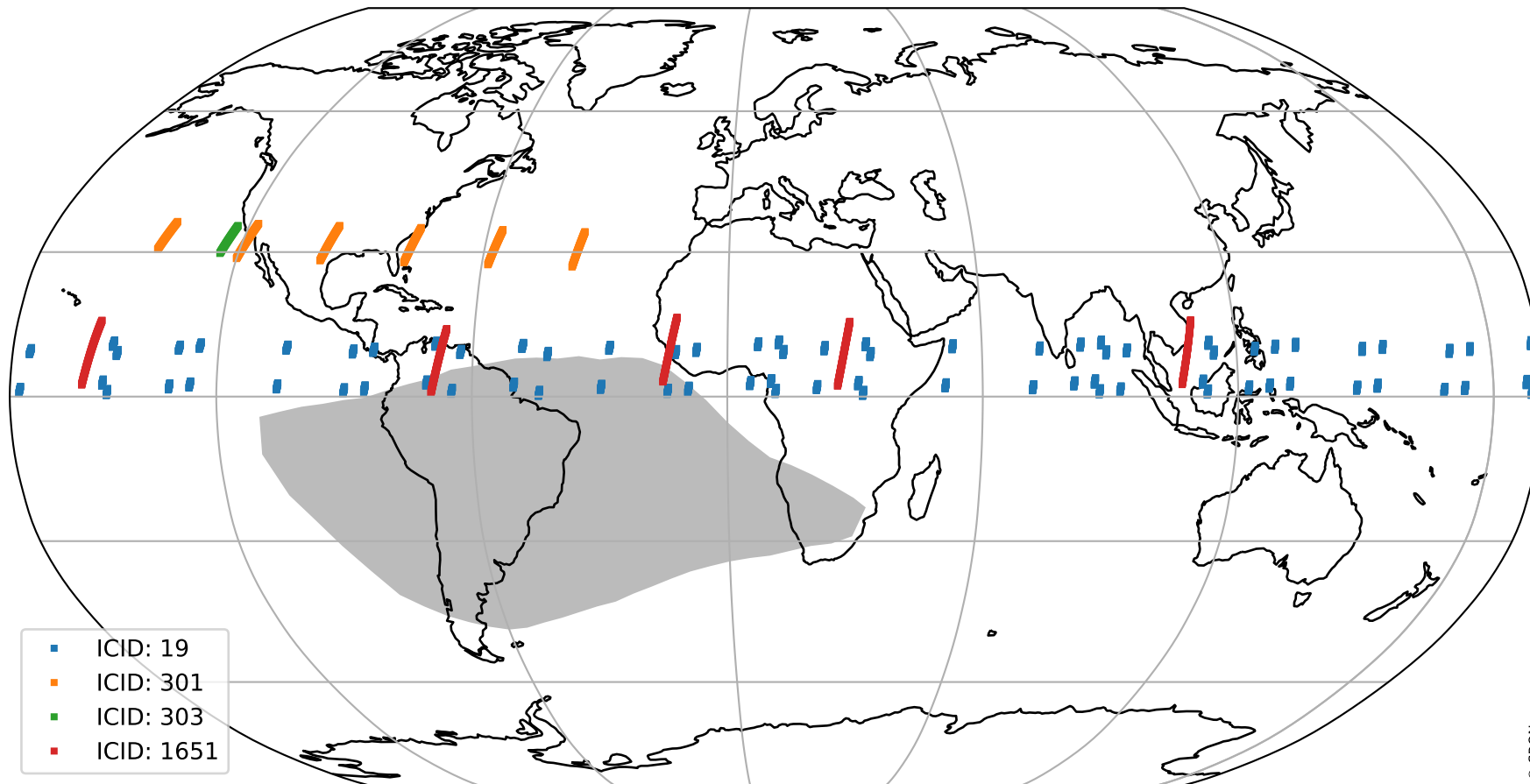
Tropomi SWIR background noise (swir)

orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
median : 0.98168
spread : 0.16412
created : 2023-08-21T16:44:37



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

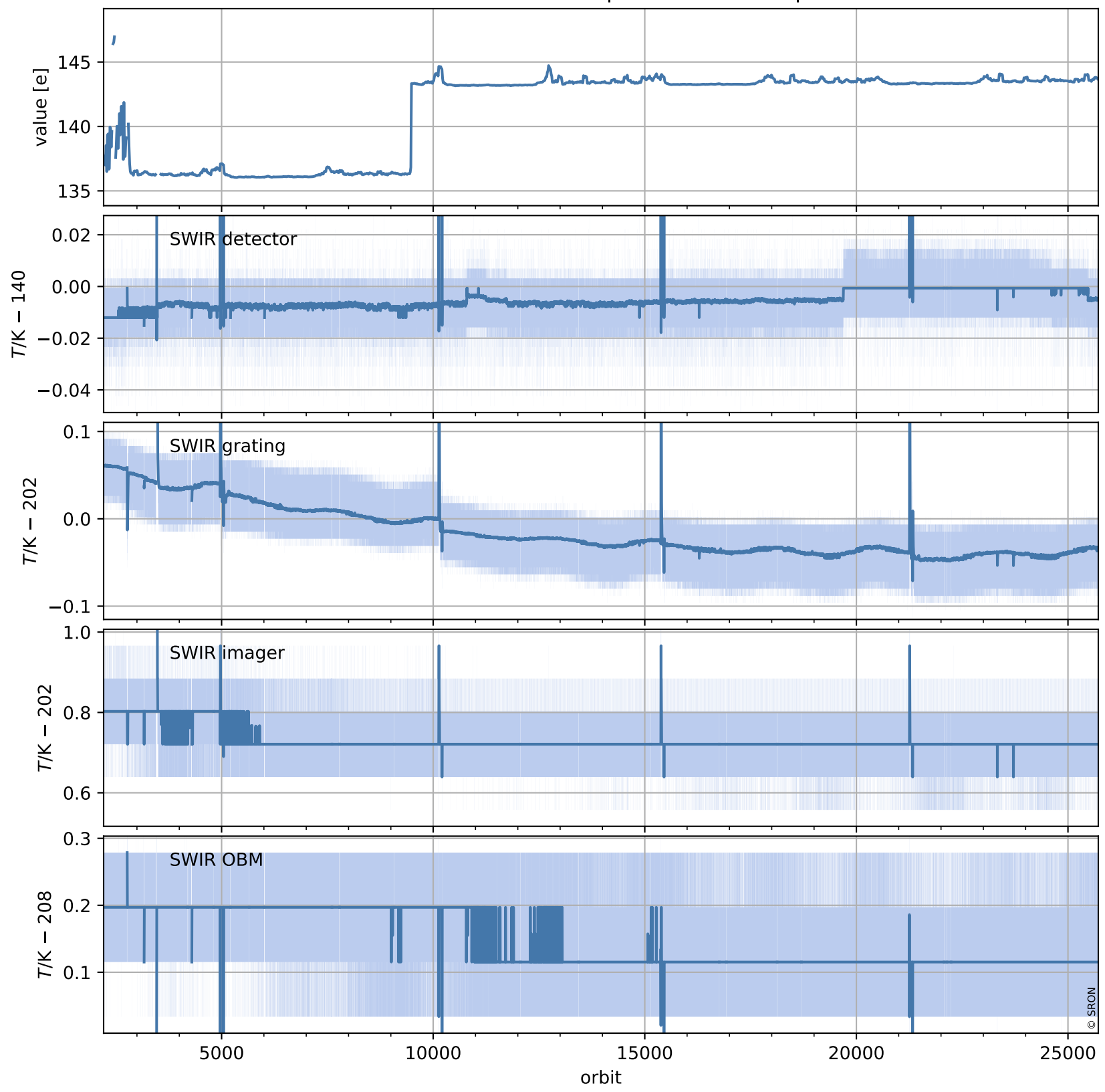
orbits : 12 in [25627, 25717]
coverage : 2022-09-24 / 2022-09-30
created : 2023-08-21T16:44:37



Tropomi SWIR background noise (swir)

orbits : [2212, 25717]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:38

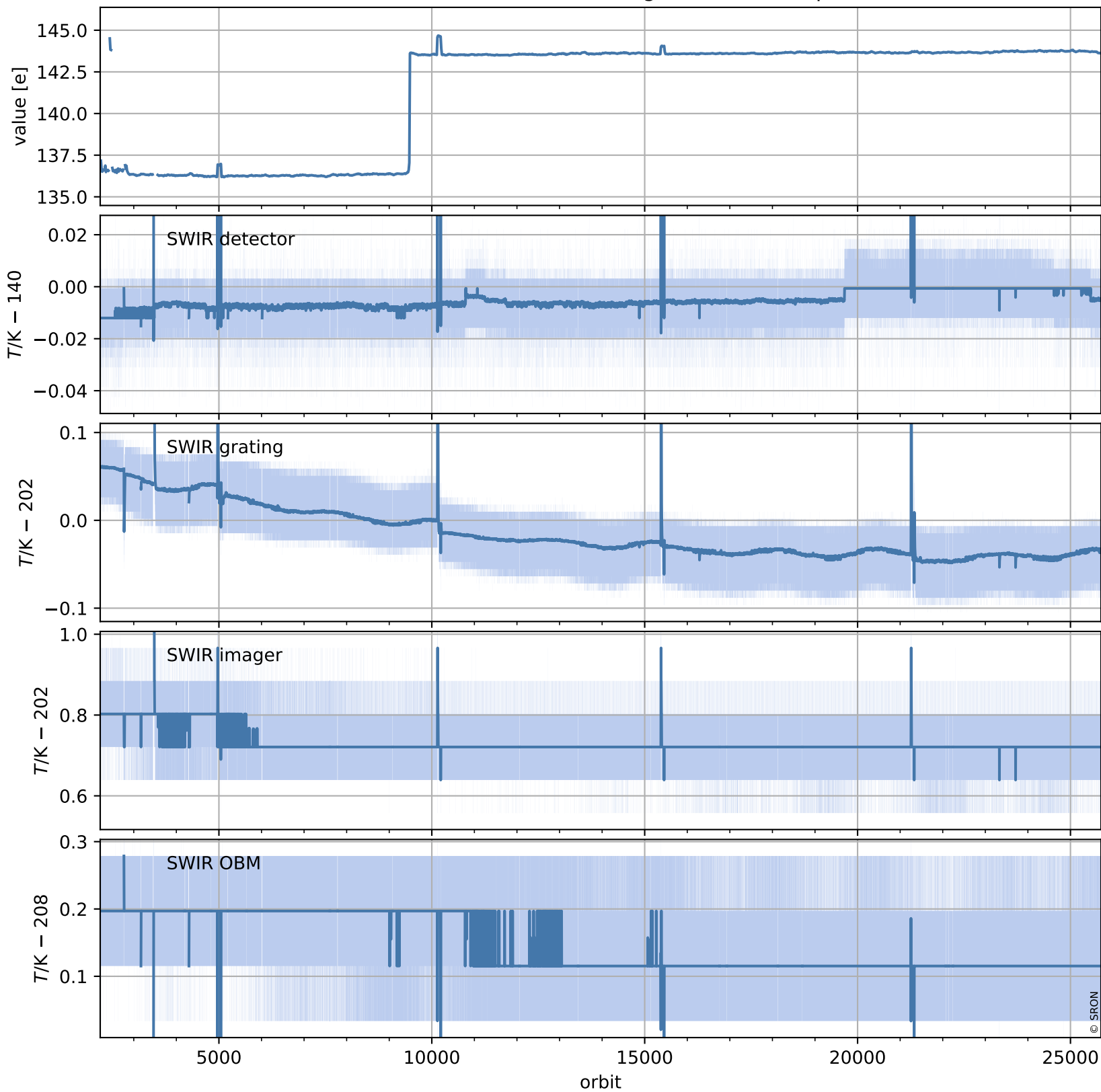
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25717]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25717]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:39

trend of normalized read-noise & temperatures

