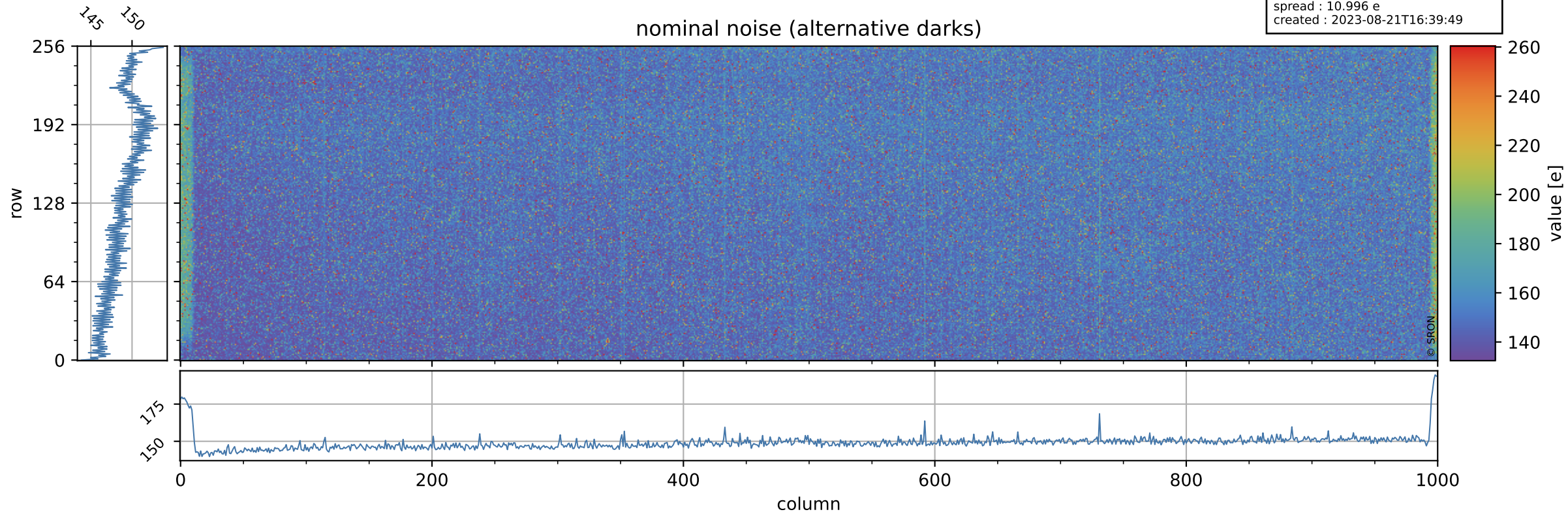


Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.996 e
created : 2023-08-21T16:39:49

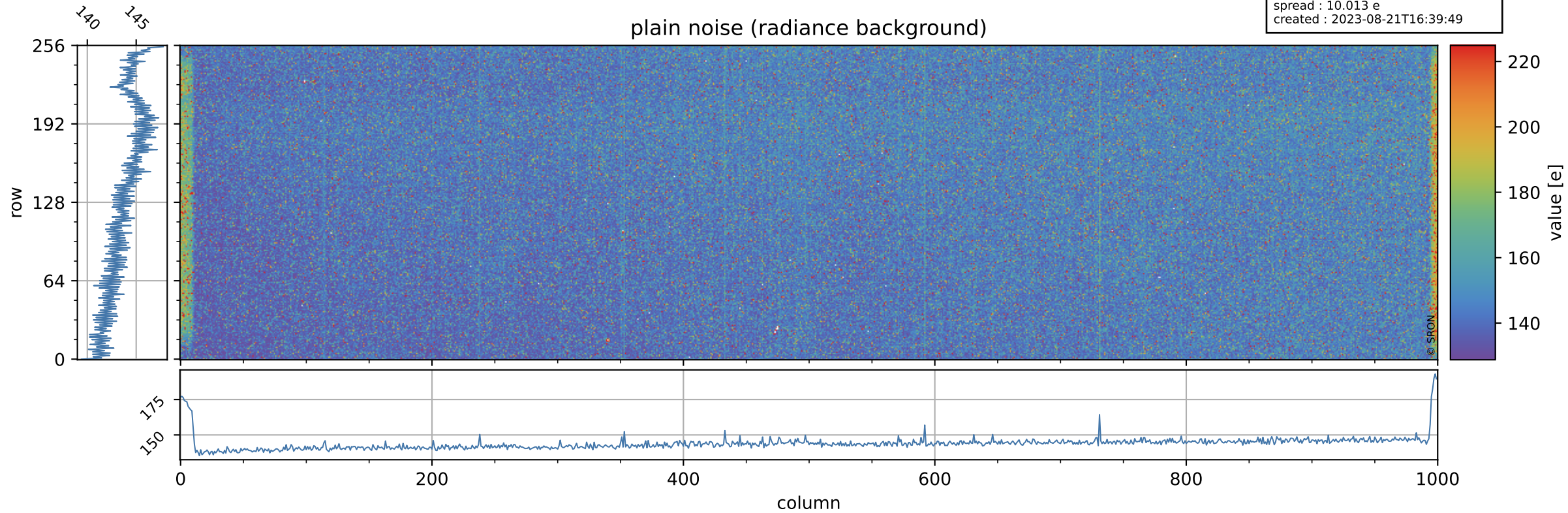
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 10.013 e
created : 2023-08-21T16:39:49

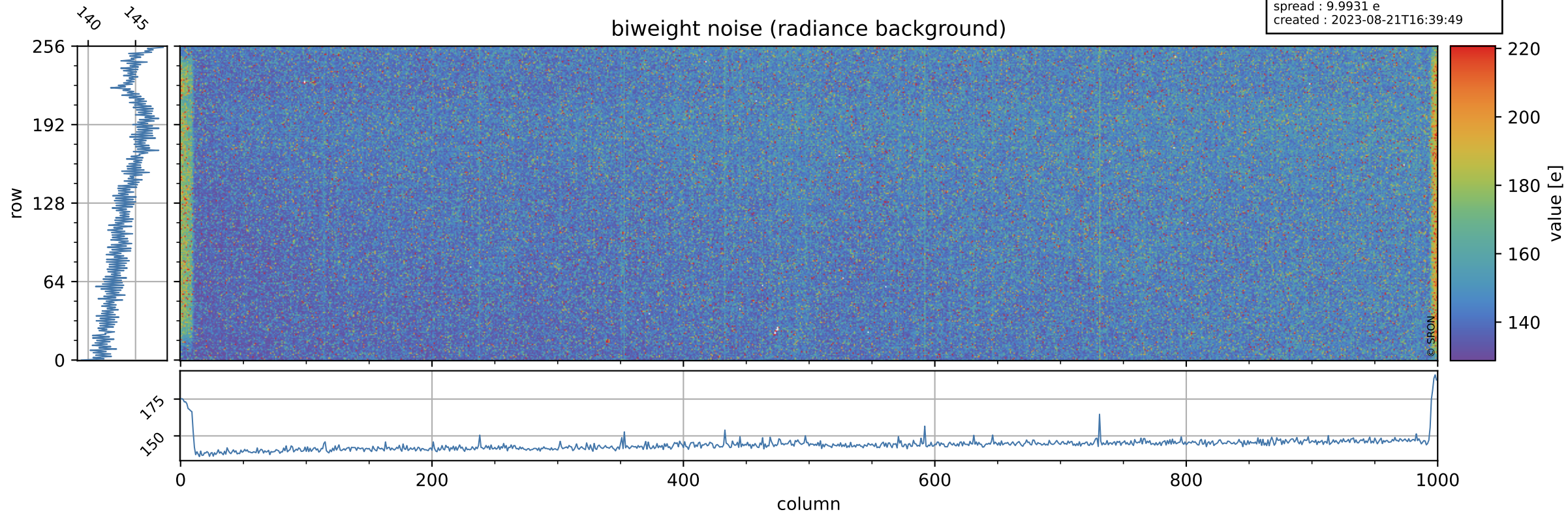
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9931 e
created : 2023-08-21T16:39:49

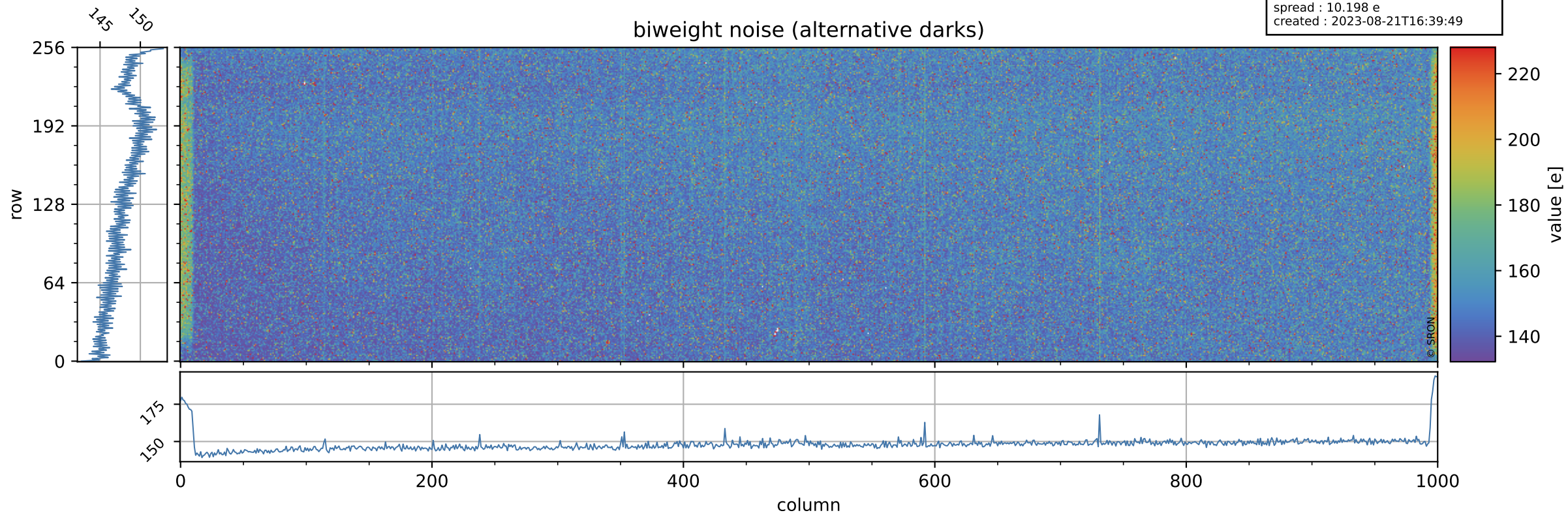
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.198 e
created : 2023-08-21T16:39:49

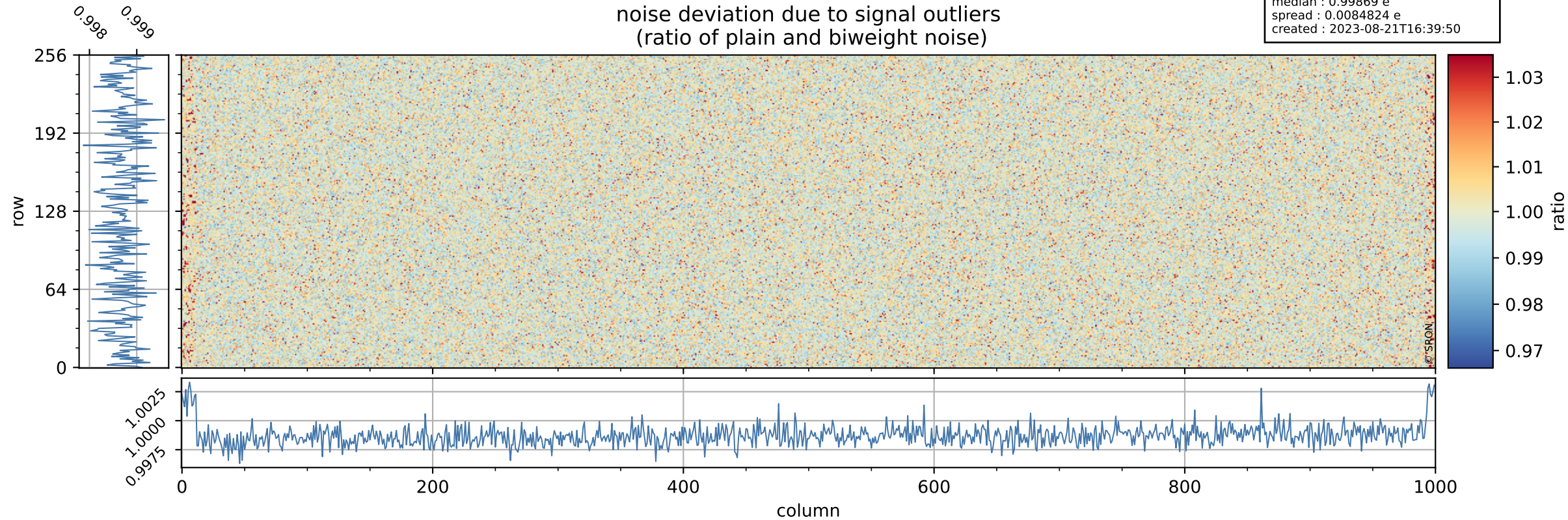
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

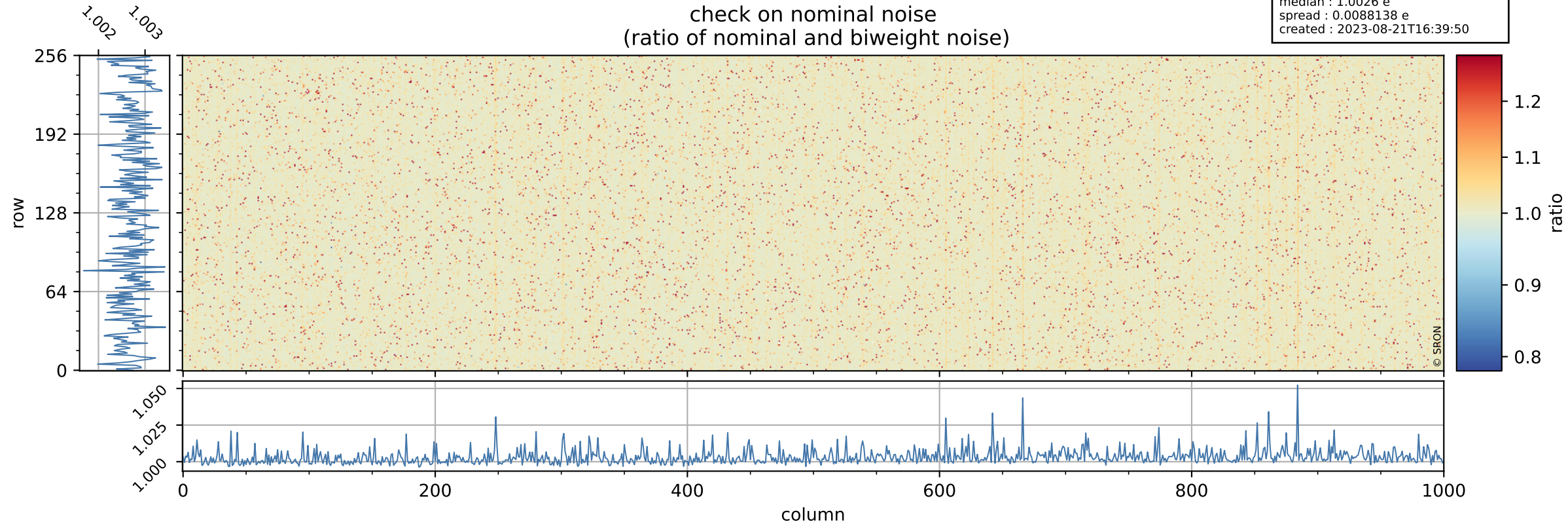
orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
median : 0.99869 e
spread : 0.0084824 e
created : 2023-08-21T16:39:50



Tropomi SWIR background noise (swir)

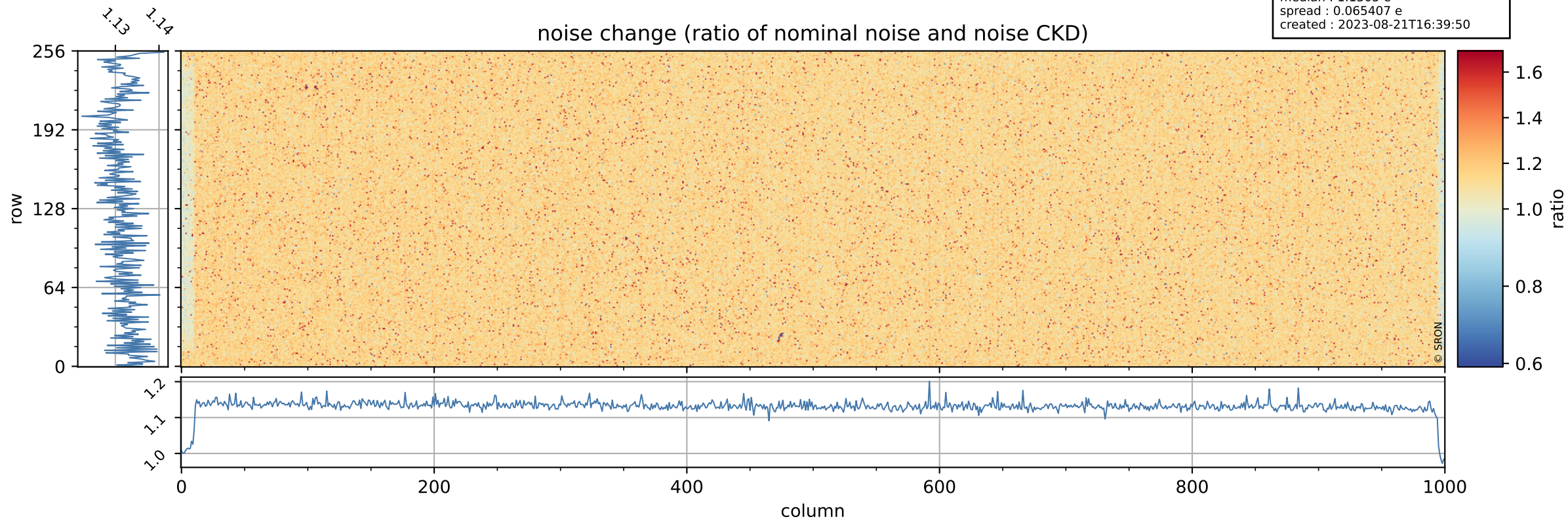
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
median : 1.0026 e
spread : 0.0088138 e
created : 2023-08-21T16:39:50



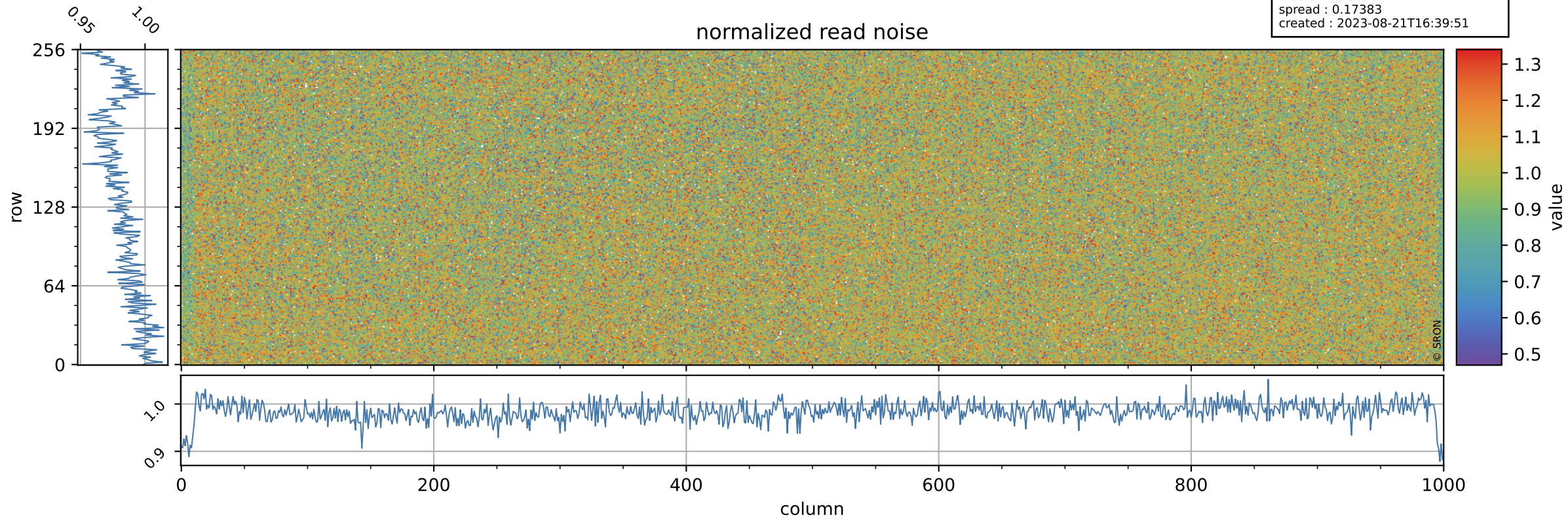
Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
median : 1.1305 e
spread : 0.065407 e
created : 2023-08-21T16:39:50



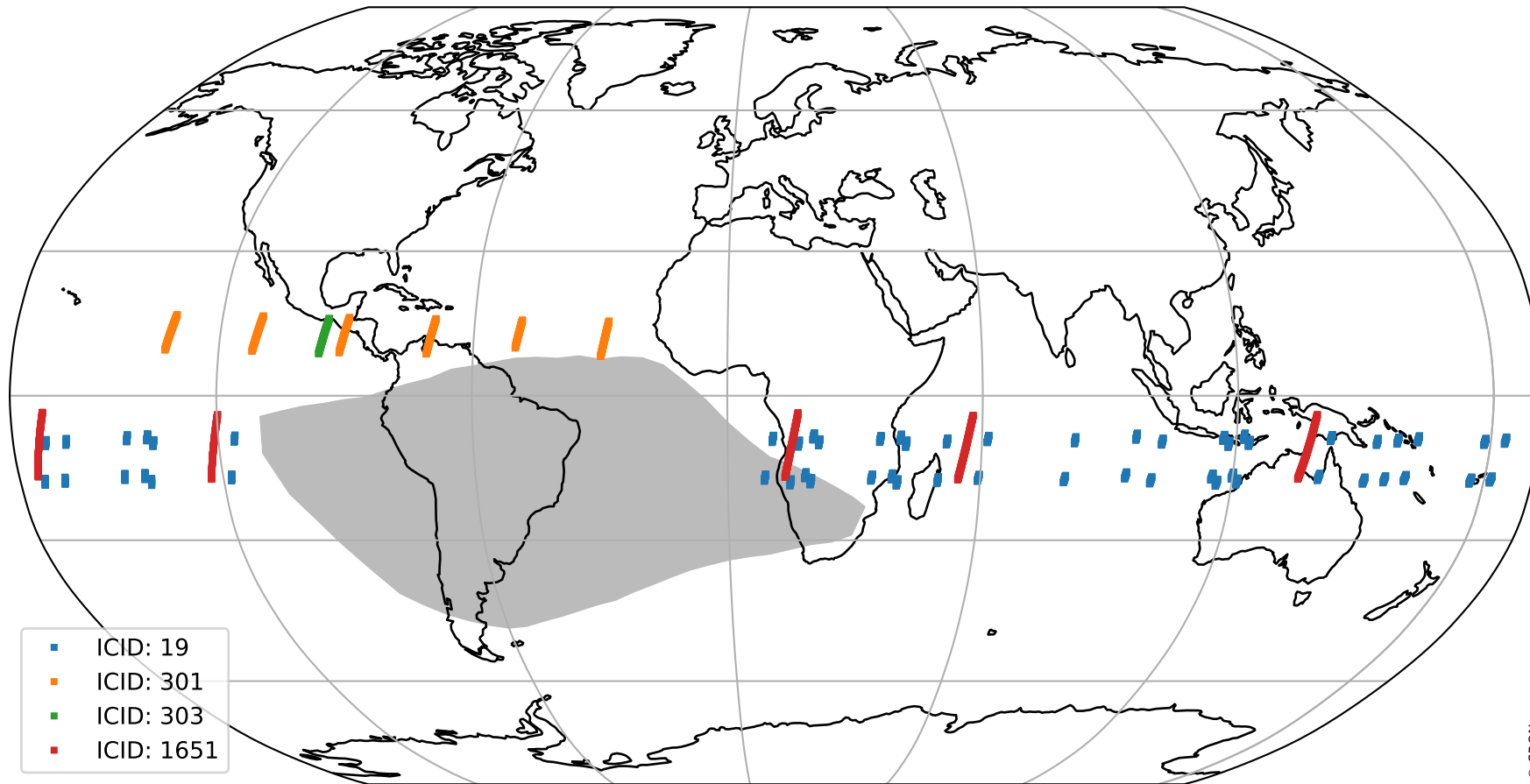
Tropomi SWIR background noise (swir)

orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
median : 0.98234
spread : 0.17383
created : 2023-08-21T16:39:51



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

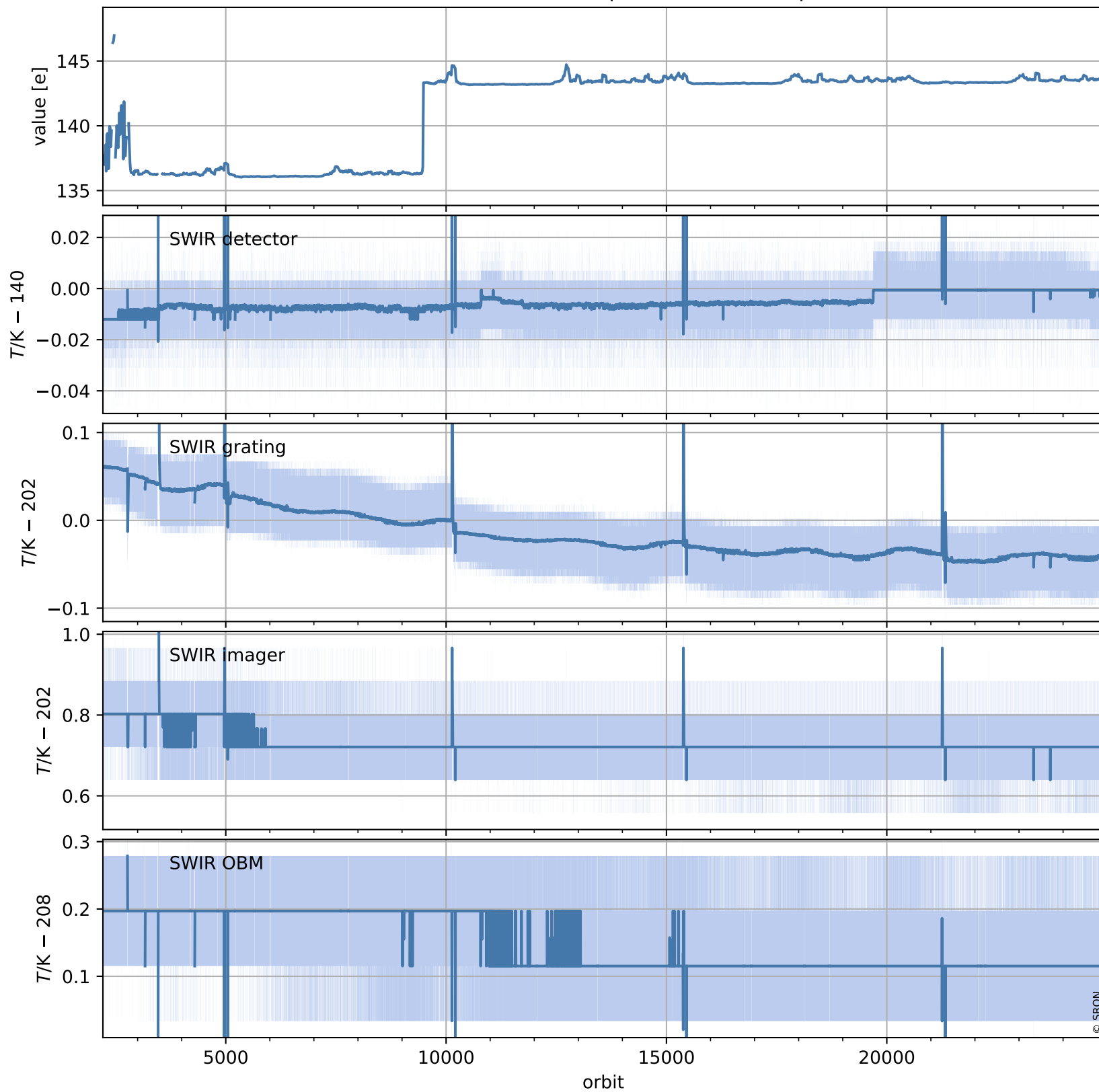
orbits : 12 in [24832, 24922]
coverage : 2022-07-30 / 2022-08-04
created : 2023-08-21T16:39:51



Tropomi SWIR background noise (swir)

orbits : [2212, 24922]
coverage : 2018-03-18 / 2022-08-04
created : 2023-08-21T16:39:51

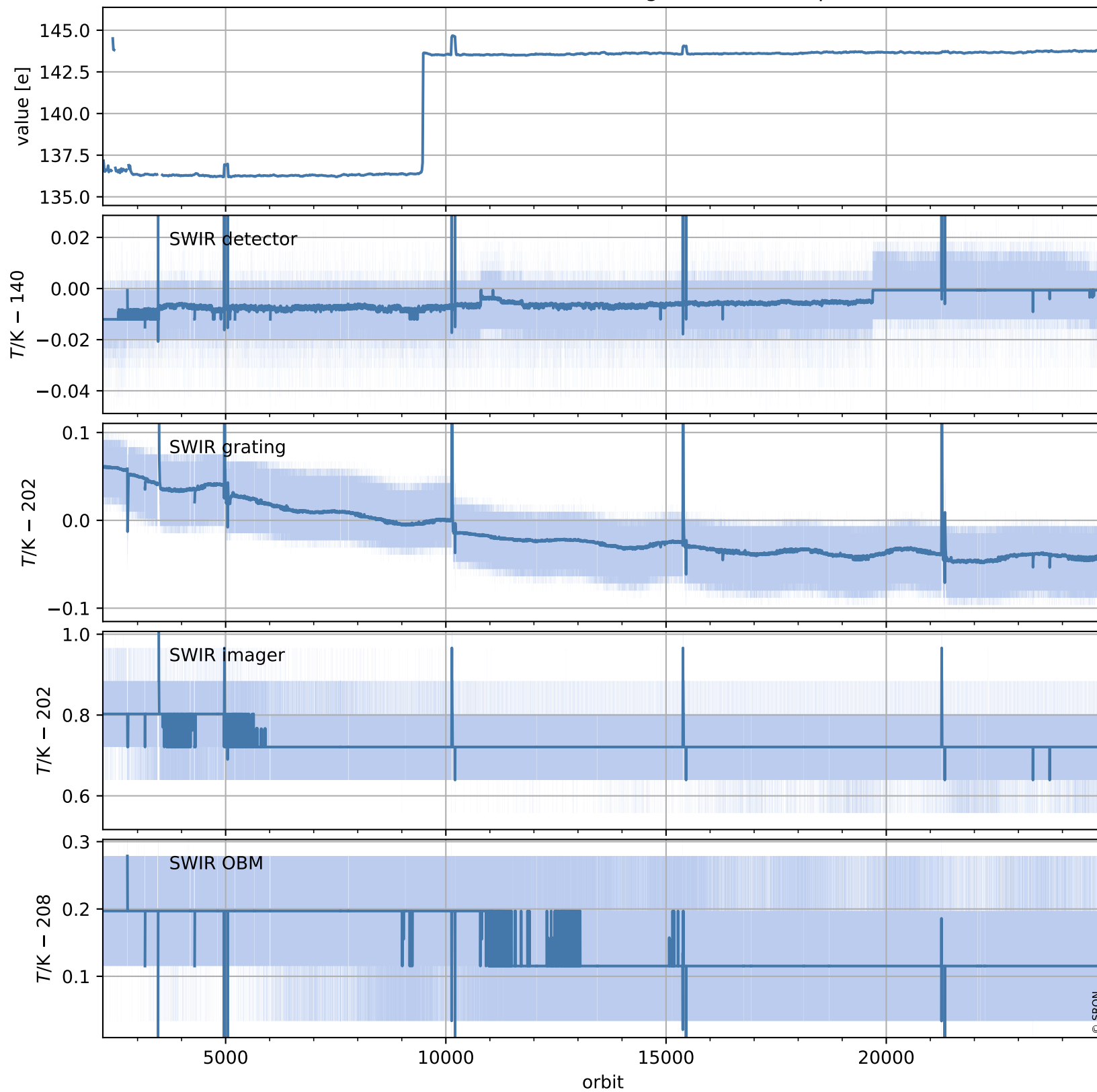
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24922]
coverage : 2018-03-18 / 2022-08-04
created : 2023-08-21T16:39:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24922]
coverage : 2018-03-18 / 2022-08-04
created : 2023-08-21T16:39:53

trend of normalized read-noise & temperatures

