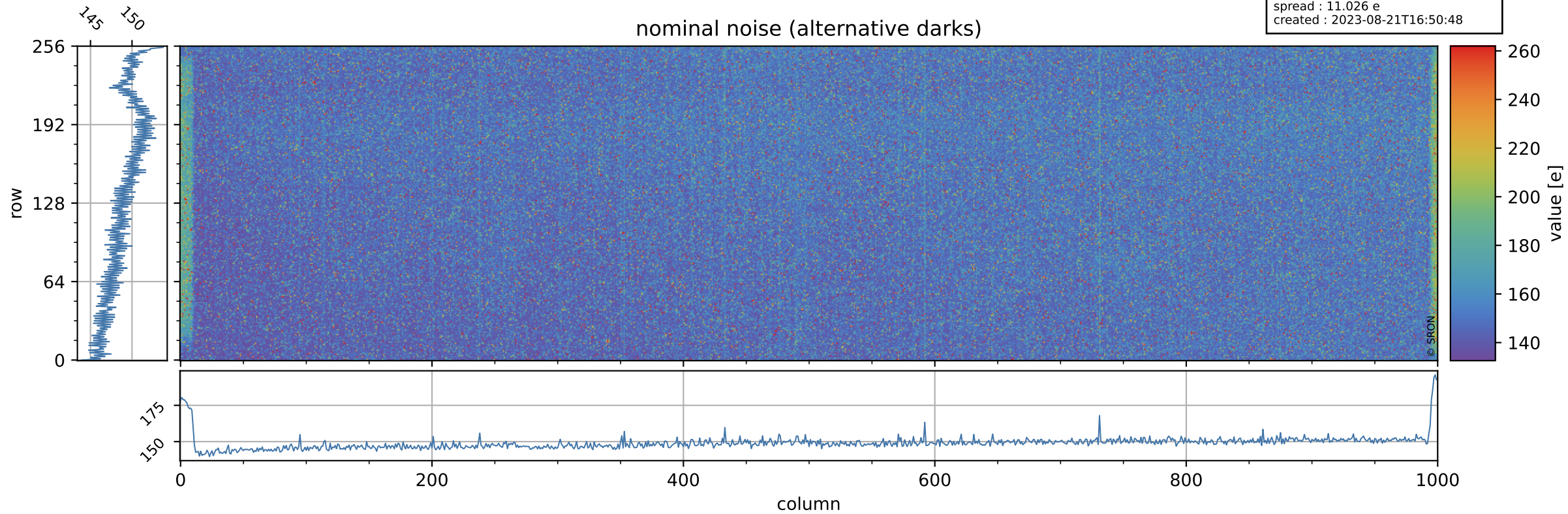


Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.026 e
created : 2023-08-21T16:50:48

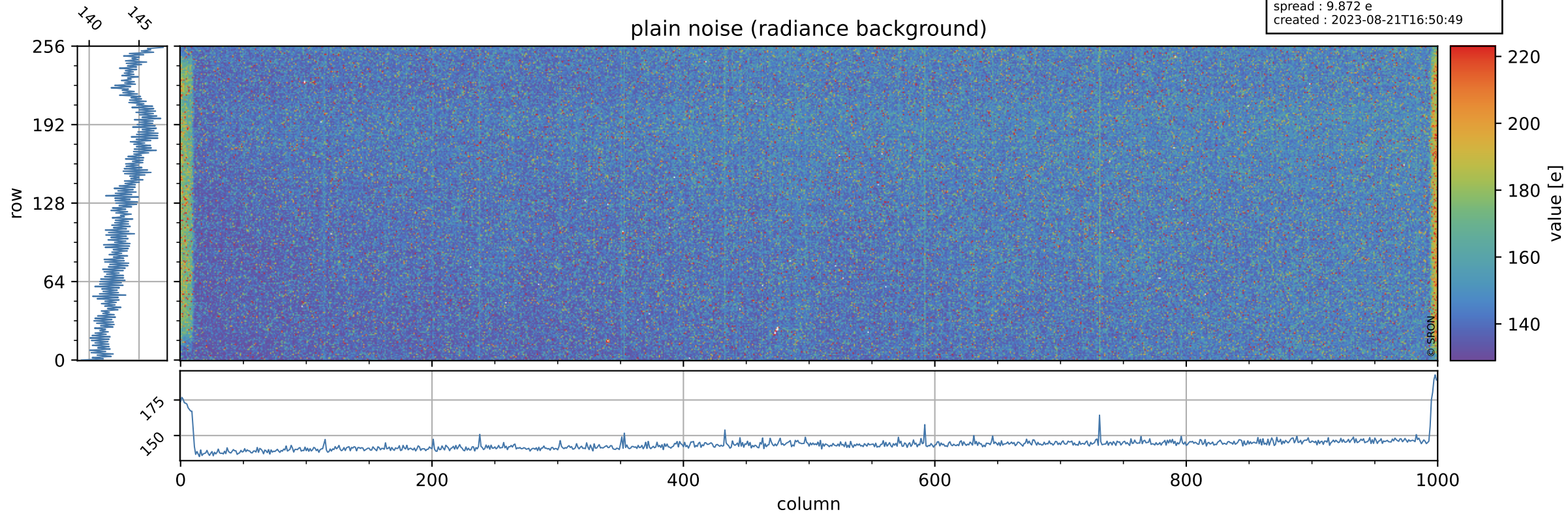
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.872 e
created : 2023-08-21T16:50:49

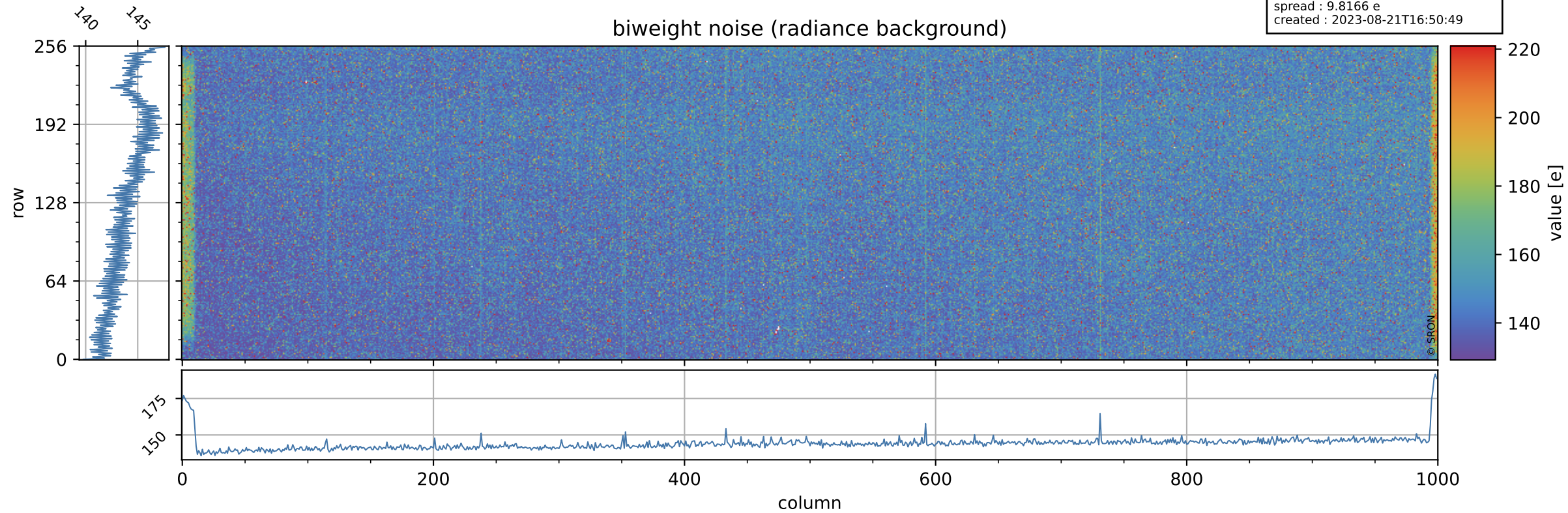
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8166 e
created : 2023-08-21T16:50:49

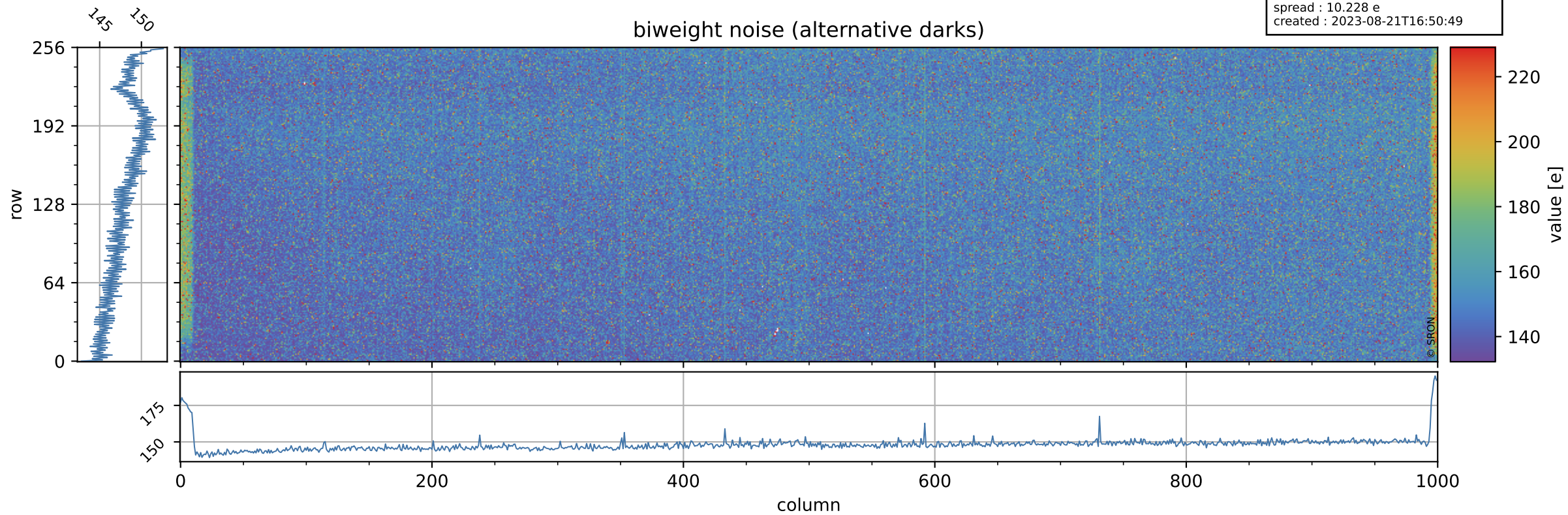
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.228 e
created : 2023-08-21T16:50:49

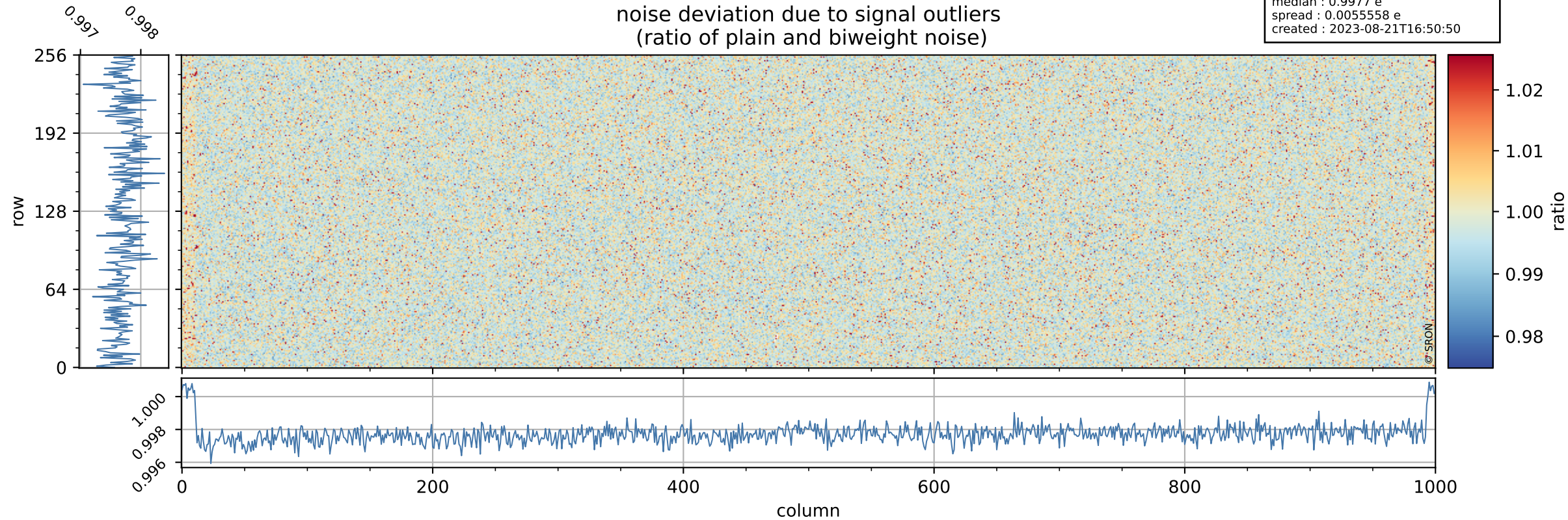
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

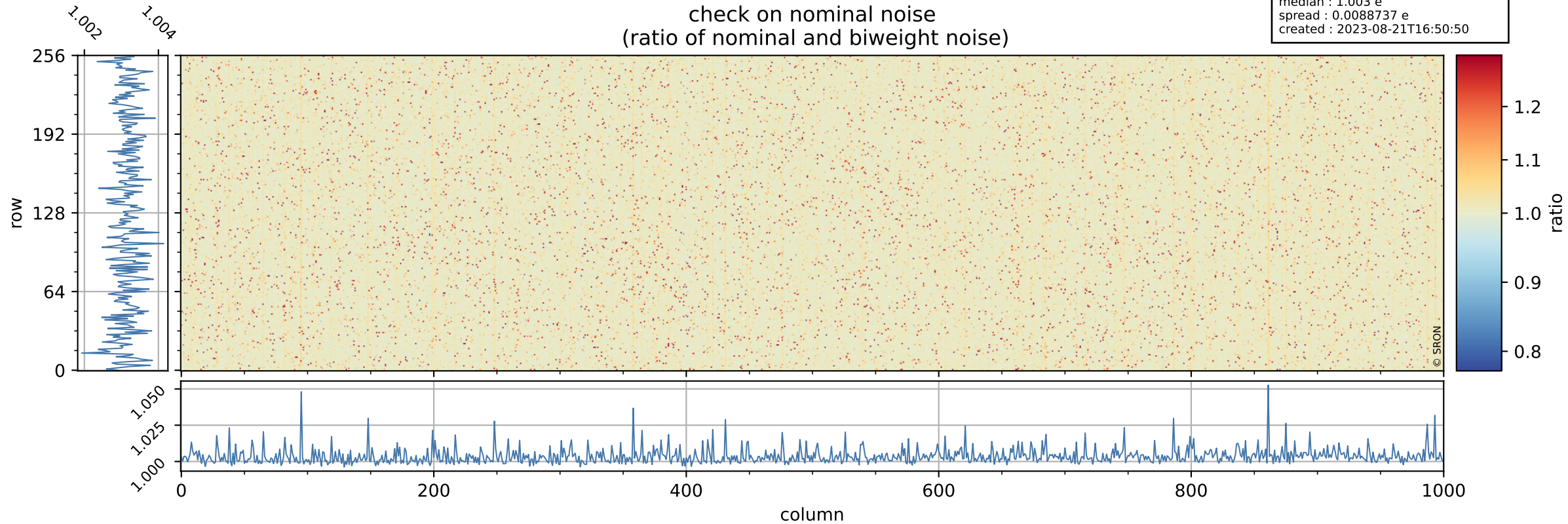
orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
median : 0.9977 e
spread : 0.0055558 e
created : 2023-08-21T16:50:50



Tropomi SWIR background noise (swir)

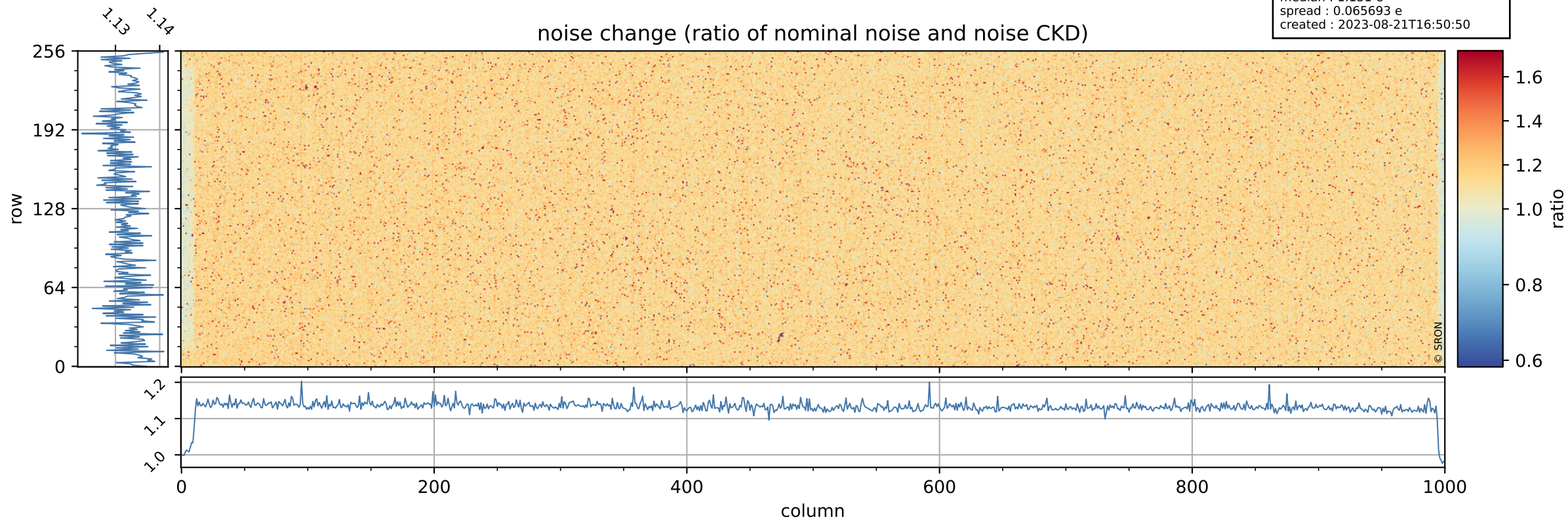
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
median : 1.003 e
spread : 0.0088737 e
created : 2023-08-21T16:50:50



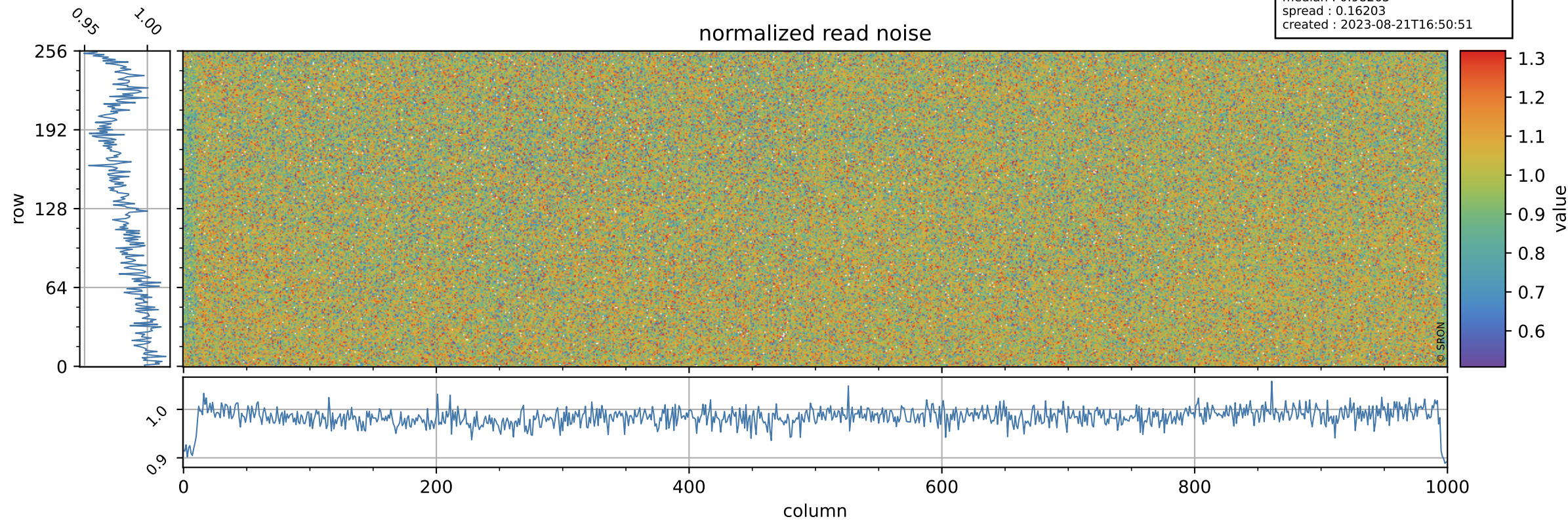
Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
median : 1.131 e
spread : 0.065693 e
created : 2023-08-21T16:50:50



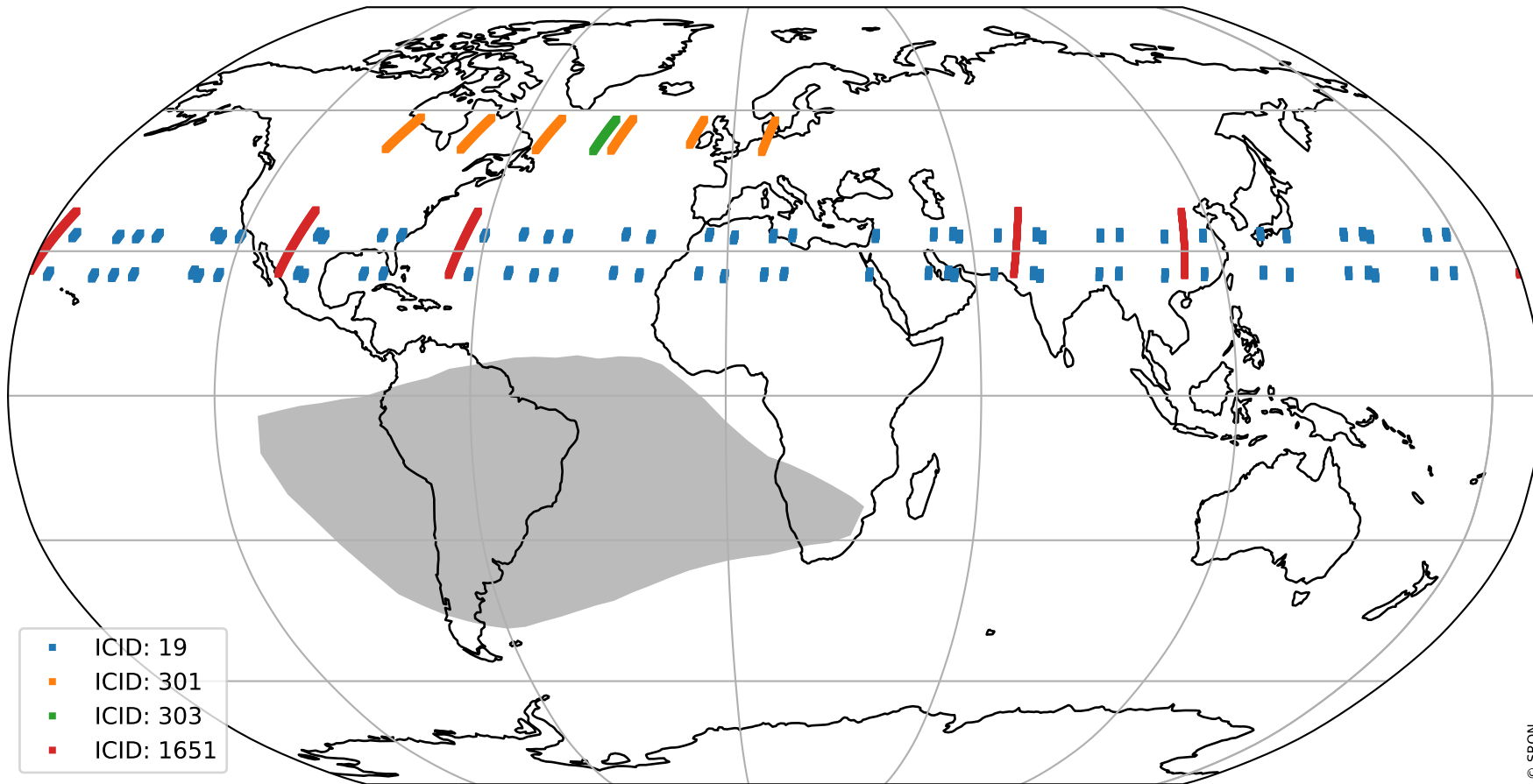
Tropomi SWIR background noise (swir)

orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
median : 0.98265
spread : 0.16203
created : 2023-08-21T16:50:51



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

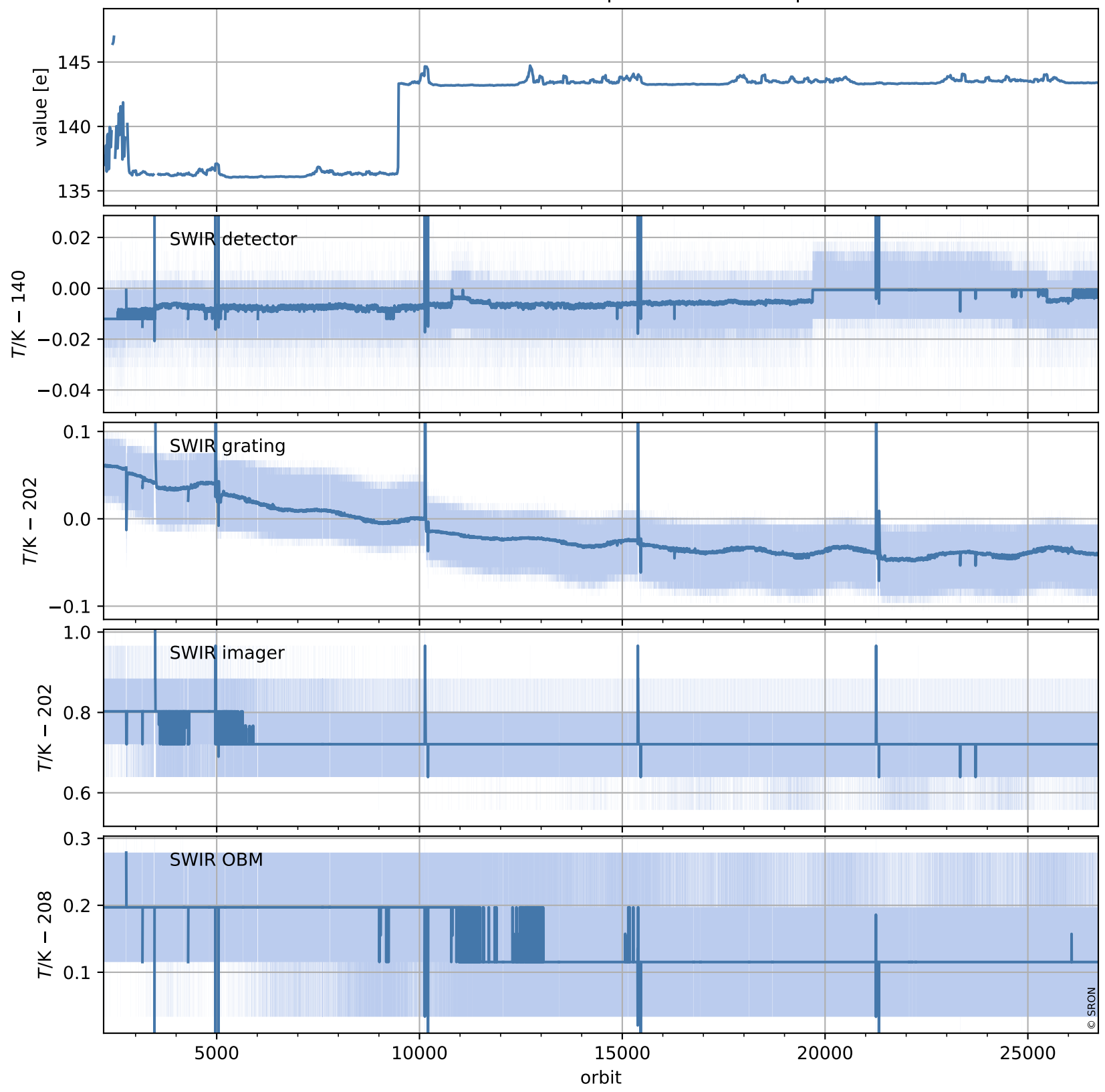
orbits : 12 in [26662, 26737]
coverage : 2022-12-05 / 2022-12-10
created : 2023-08-21T16:50:51



Tropomi SWIR background noise (swir)

orbits : [2212, 26737]
coverage : 2018-03-18 / 2022-12-10
created : 2023-08-21T16:50:51

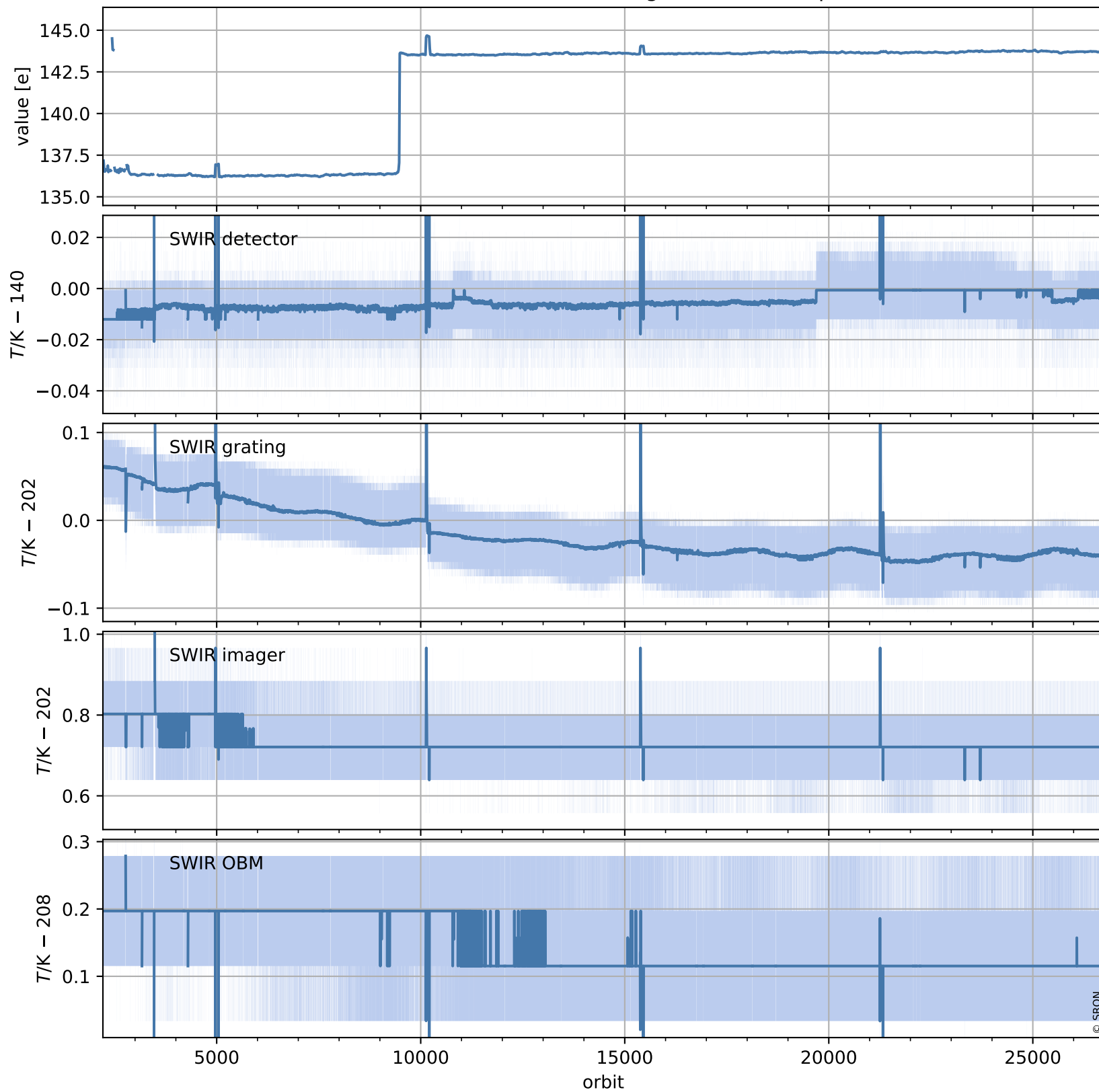
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26737]
coverage : 2018-03-18 / 2022-12-10
created : 2023-08-21T16:50:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26737]
coverage : 2018-03-18 / 2022-12-10
created : 2023-08-21T16:50:53

trend of normalized read-noise & temperatures

