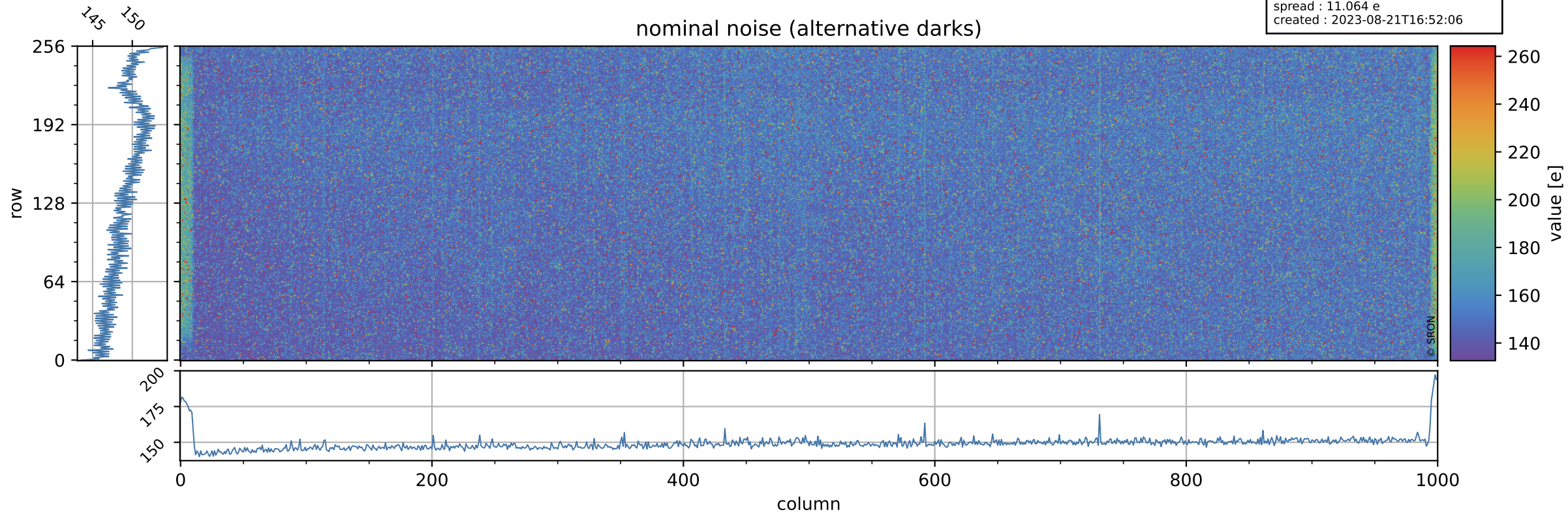


Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
n_coad, t_exp : 1, 1.0783
median : 148.93 e
spread : 11.064 e
created : 2023-08-21T16:52:06

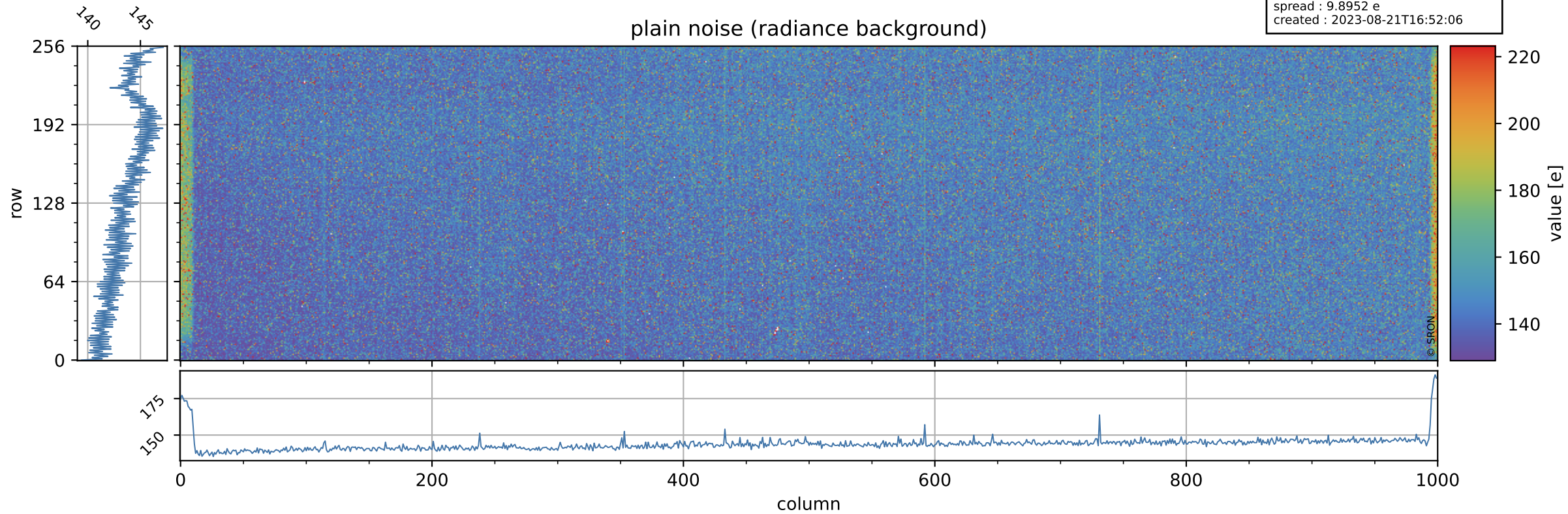
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8952 e
created : 2023-08-21T16:52:06

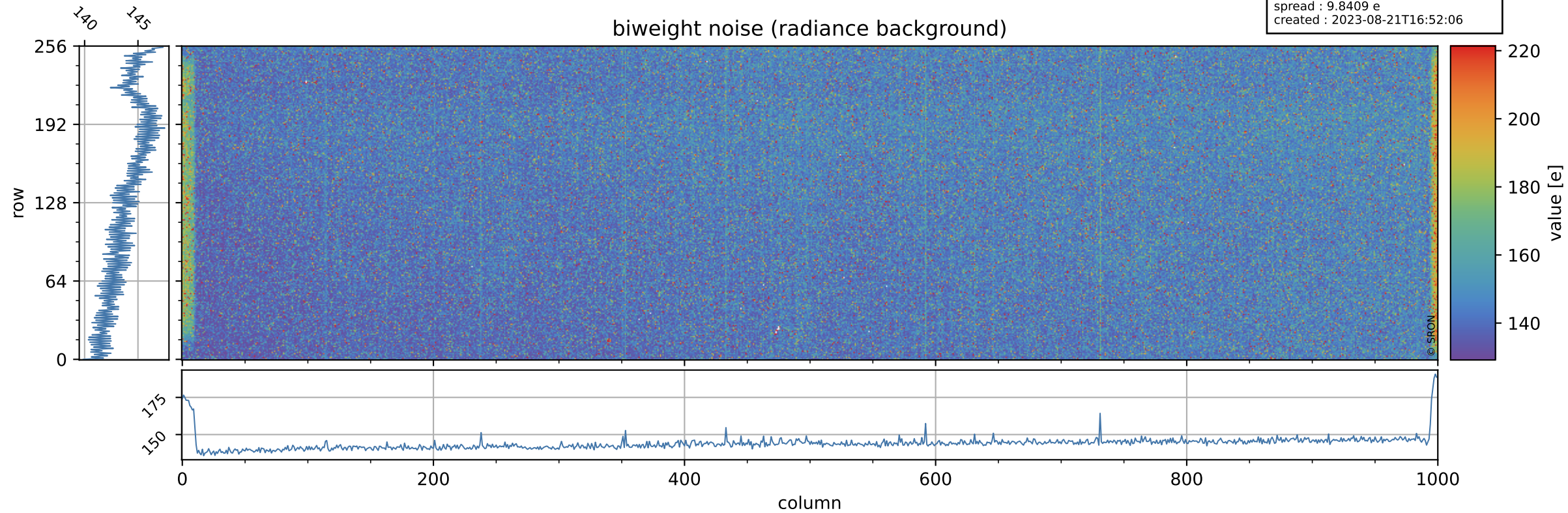
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8409 e
created : 2023-08-21T16:52:06

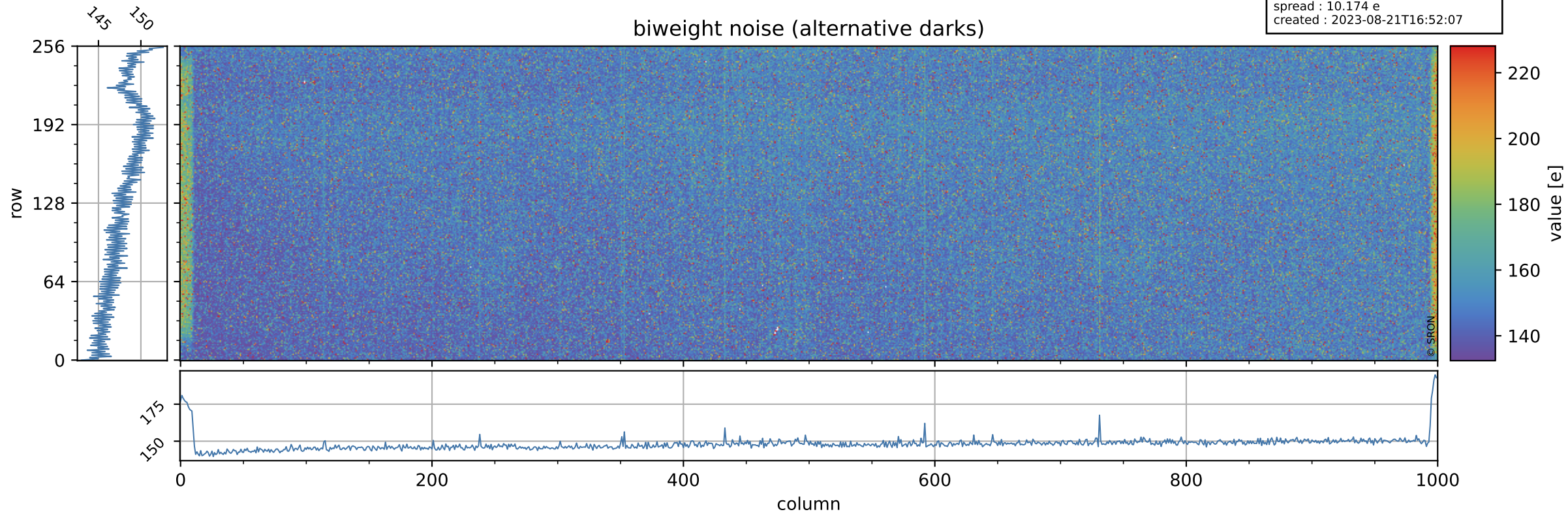
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.174 e
created : 2023-08-21T16:52:07

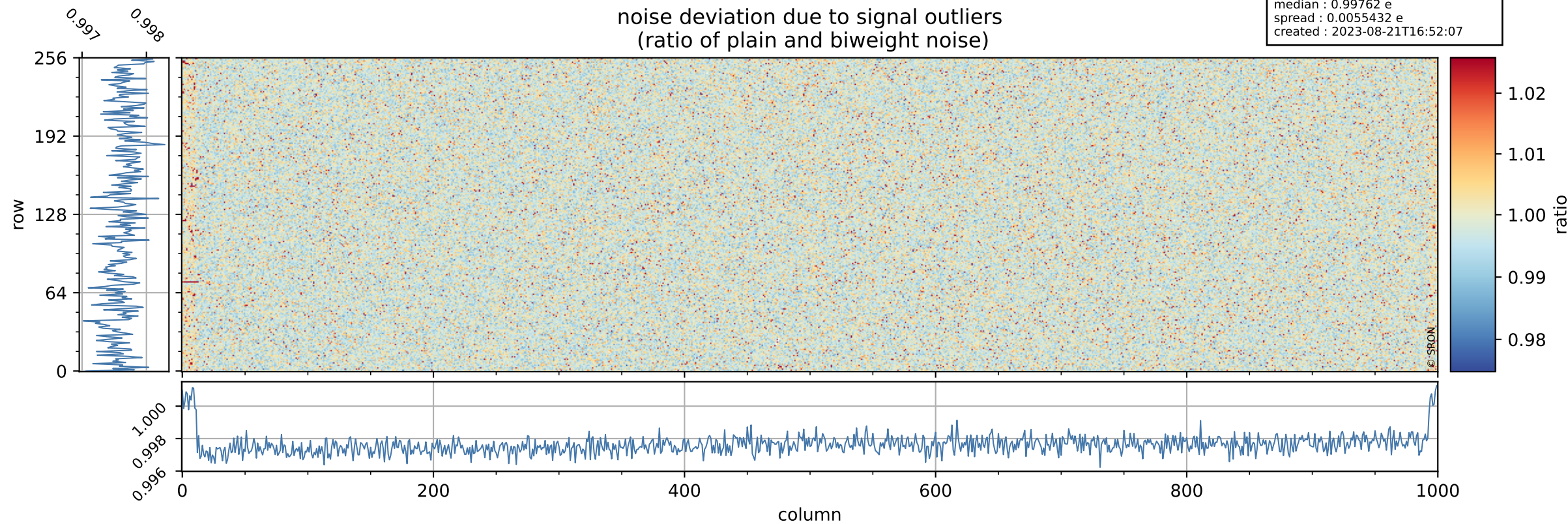
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

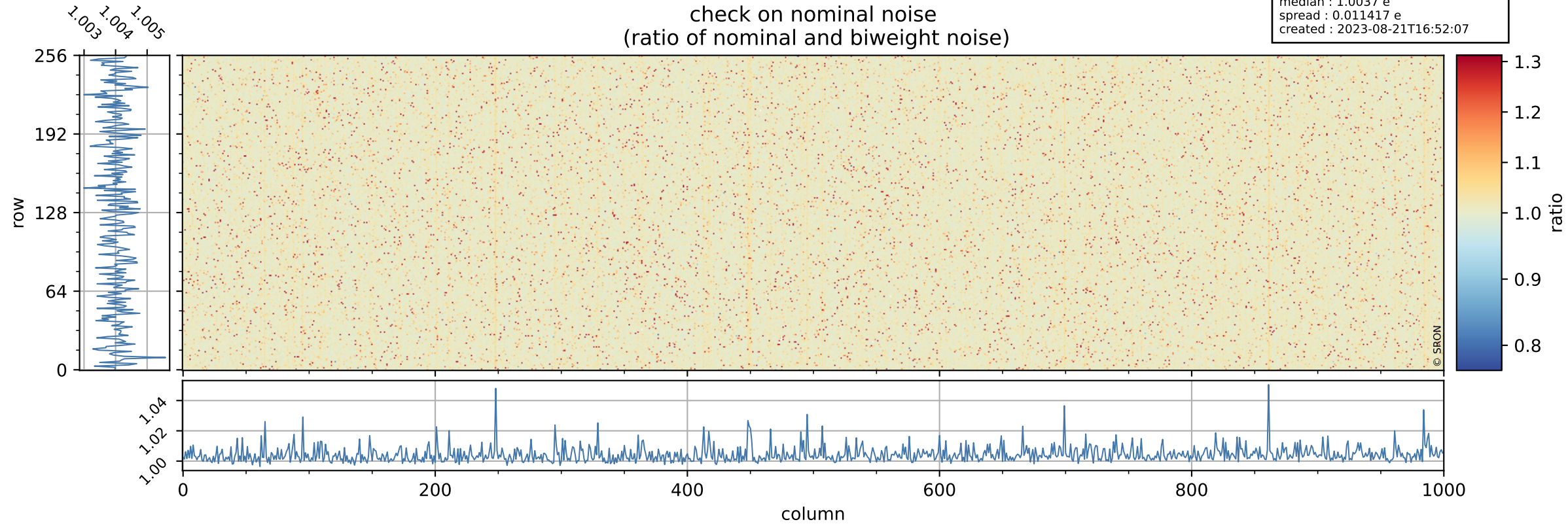
orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
median : 0.99762 e
spread : 0.0055432 e
created : 2023-08-21T16:52:07



Tropomi SWIR background noise (swir)

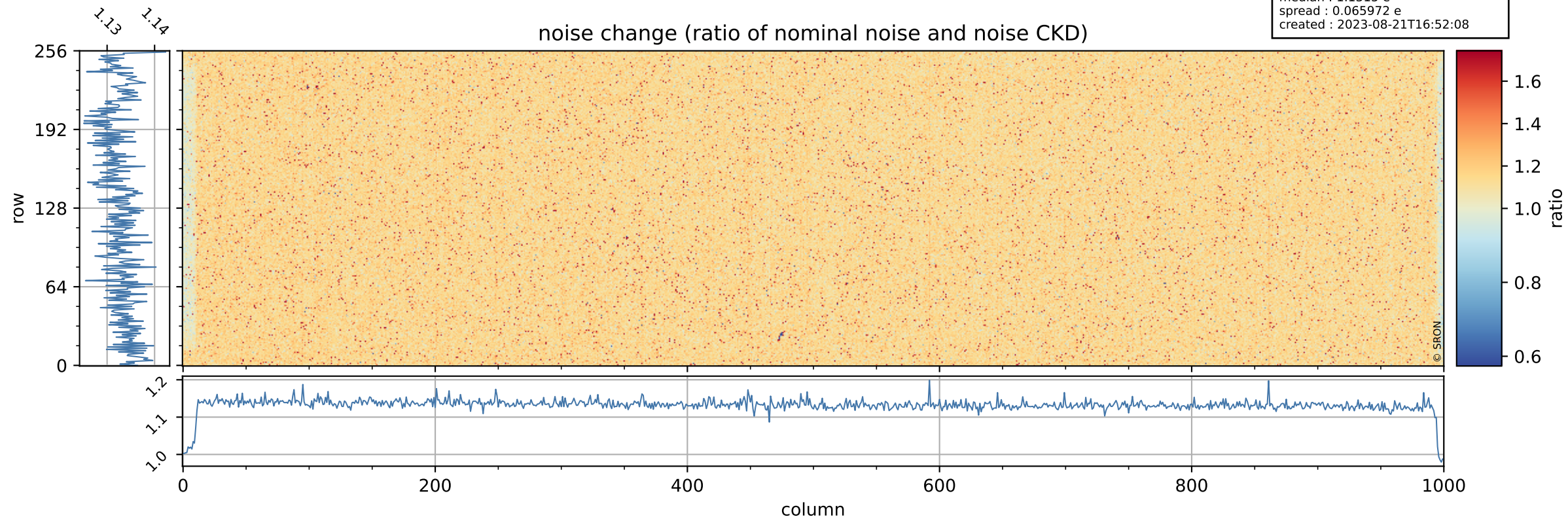
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
median : 1.0037 e
spread : 0.011417 e
created : 2023-08-21T16:52:07



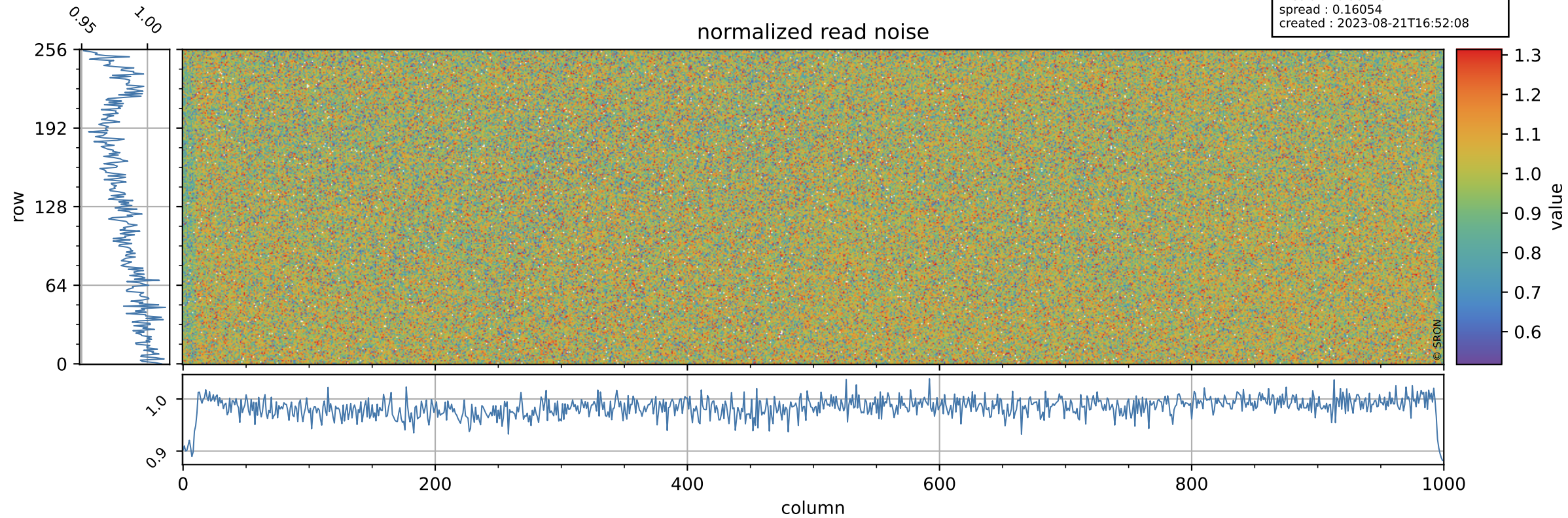
Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
median : 1.1315 e
spread : 0.065972 e
created : 2023-08-21T16:52:08



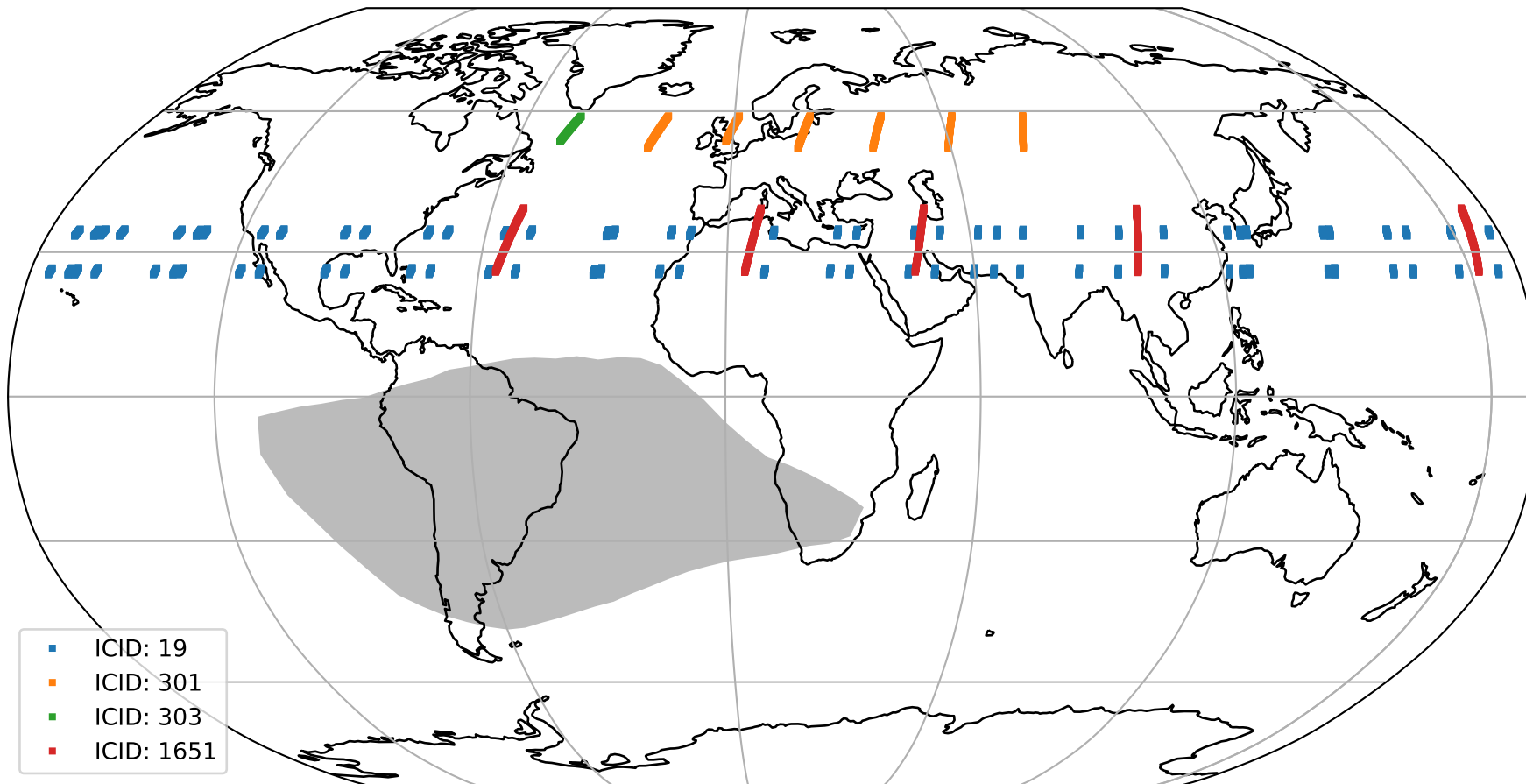
Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
median : 0.98216
spread : 0.16054
created : 2023-08-21T16:52:08



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

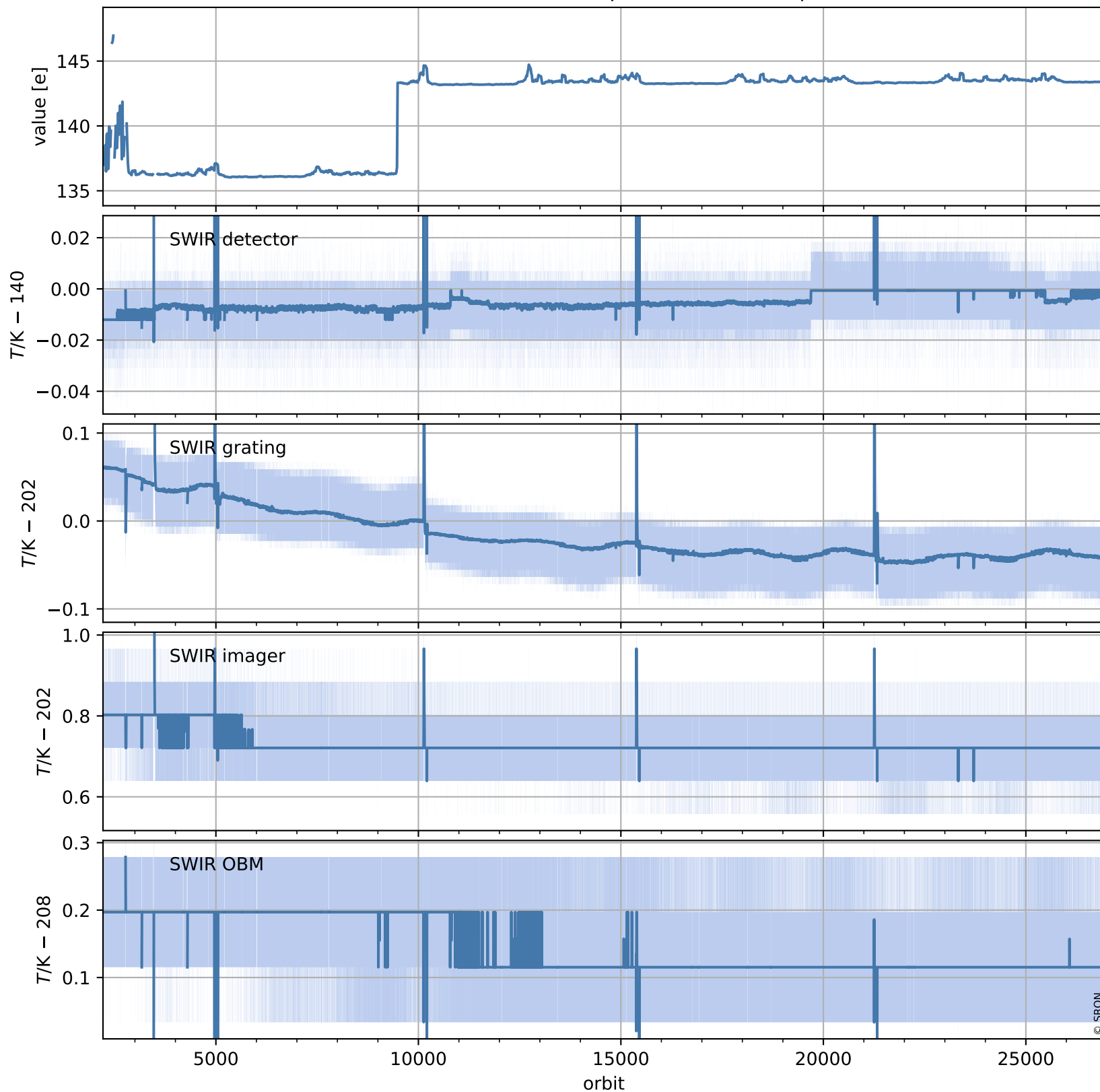
orbits : 12 in [26857, 26947]
coverage : 2022-12-19 / 2022-12-25
created : 2023-08-21T16:52:08



Tropomi SWIR background noise (swir)

orbits : [2212, 26947]
coverage : 2018-03-18 / 2022-12-25
created : 2023-08-21T16:52:08

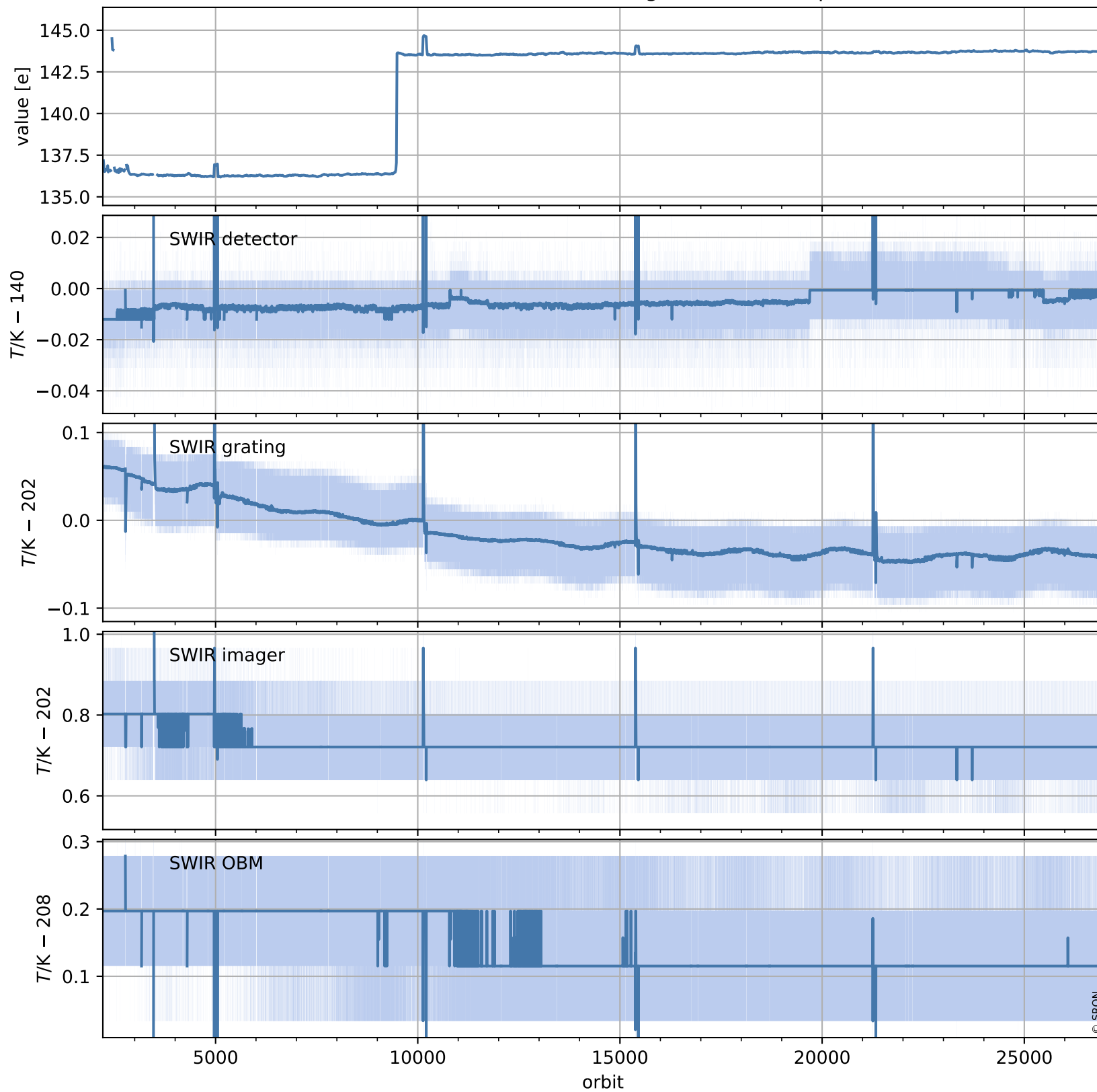
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26947]
coverage : 2018-03-18 / 2022-12-25
created : 2023-08-21T16:52:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26947]
coverage : 2018-03-18 / 2022-12-25
created : 2023-08-21T16:52:10

trend of normalized read-noise & temperatures

