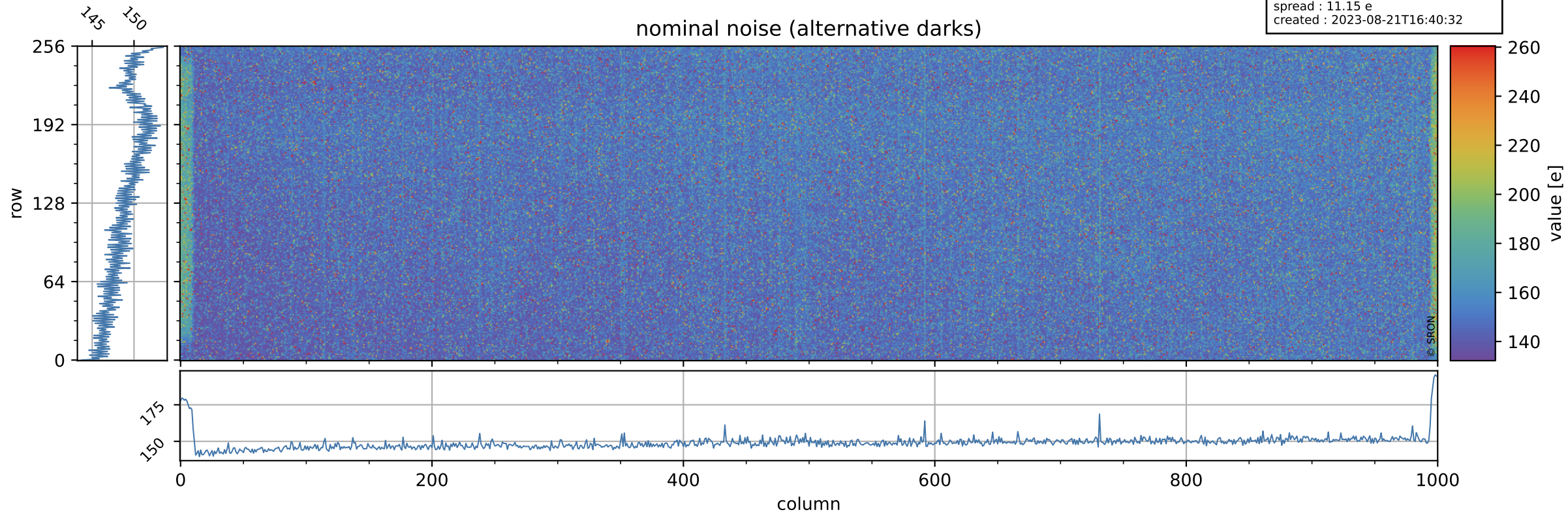


Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.15 e
created : 2023-08-21T16:40:32

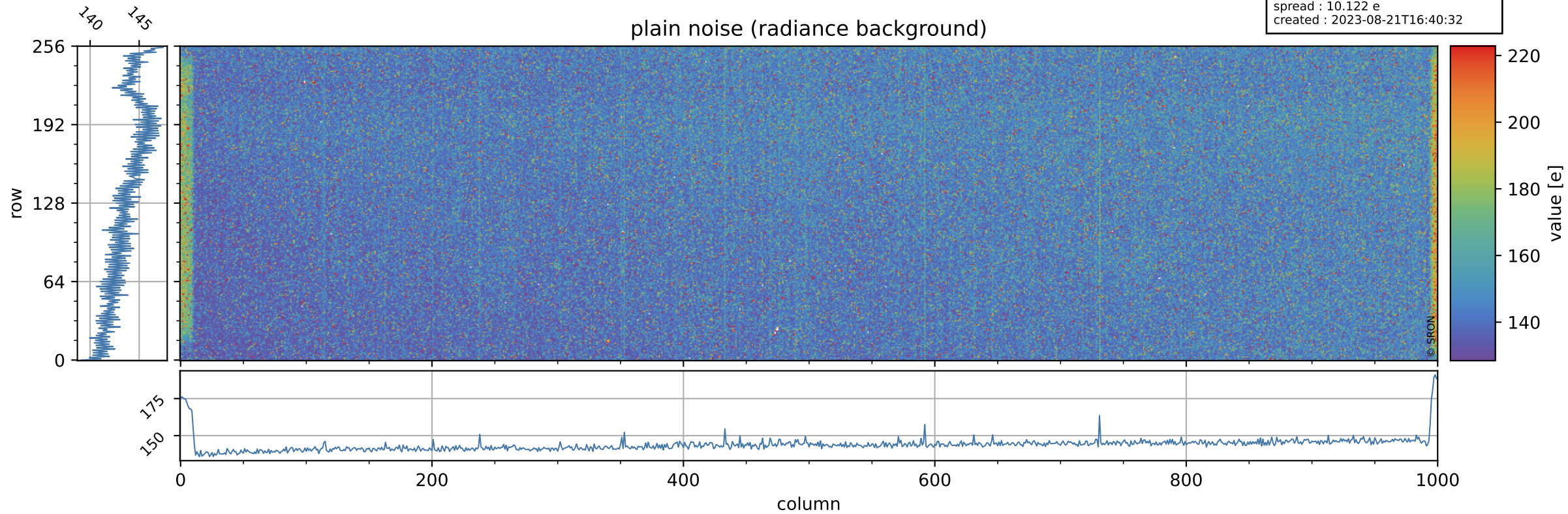
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 10.122 e
created : 2023-08-21T16:40:32

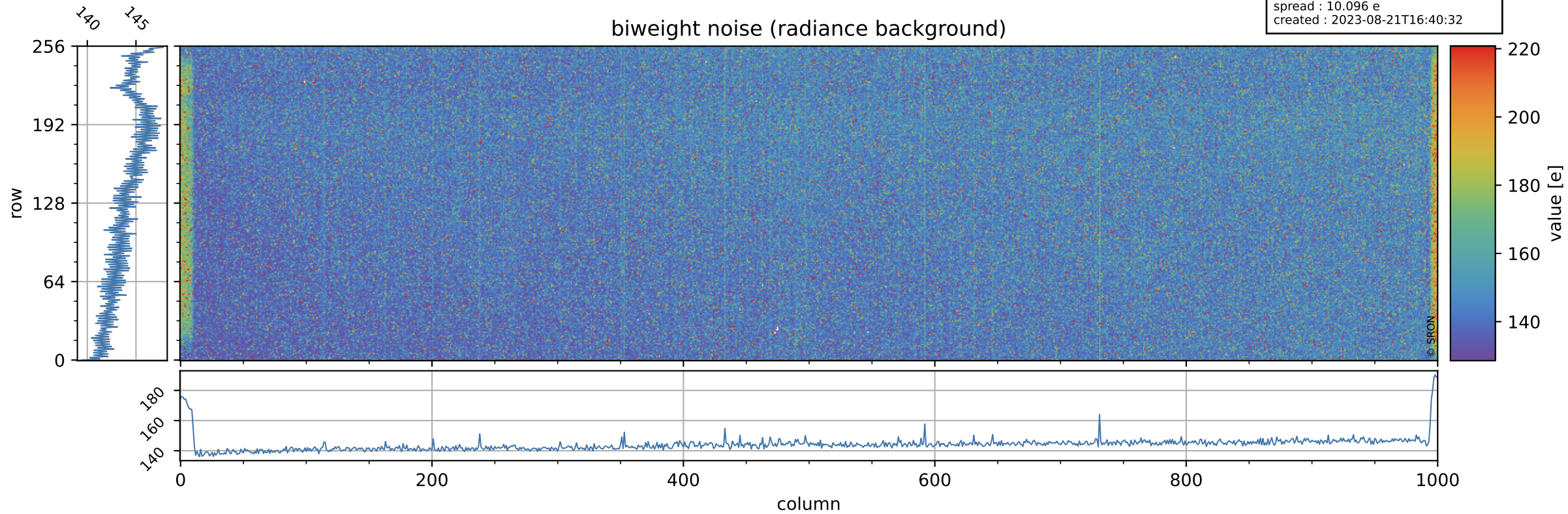
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 10.096 e
created : 2023-08-21T16:40:32

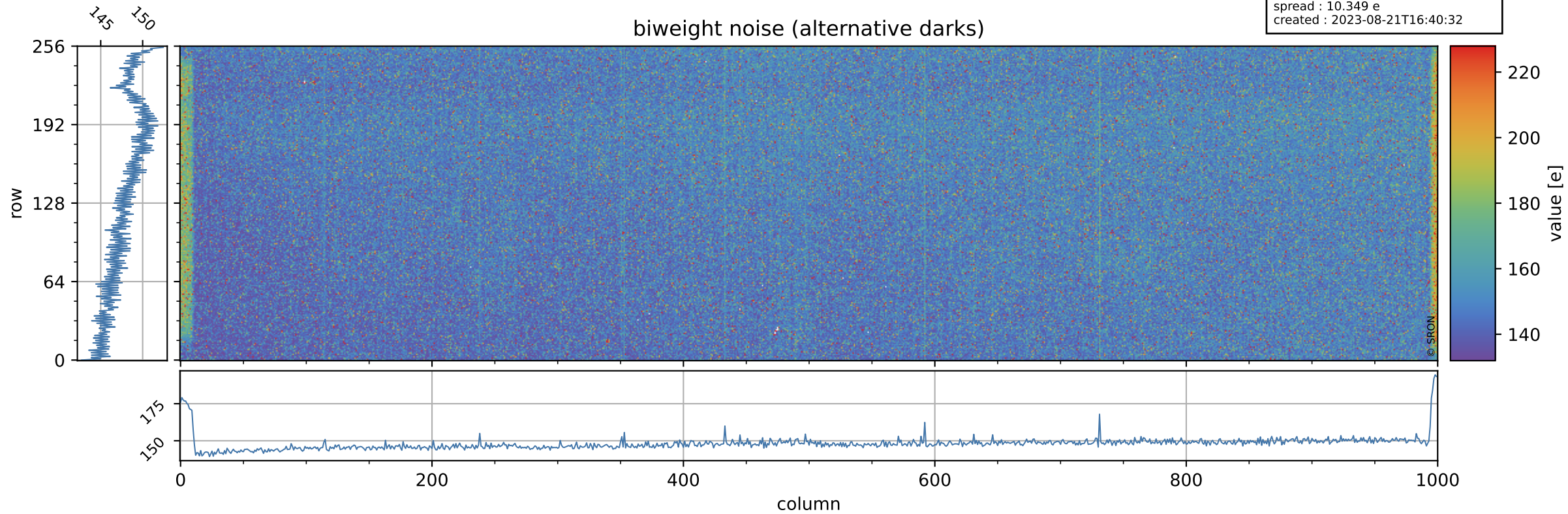
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.349 e
created : 2023-08-21T16:40:32

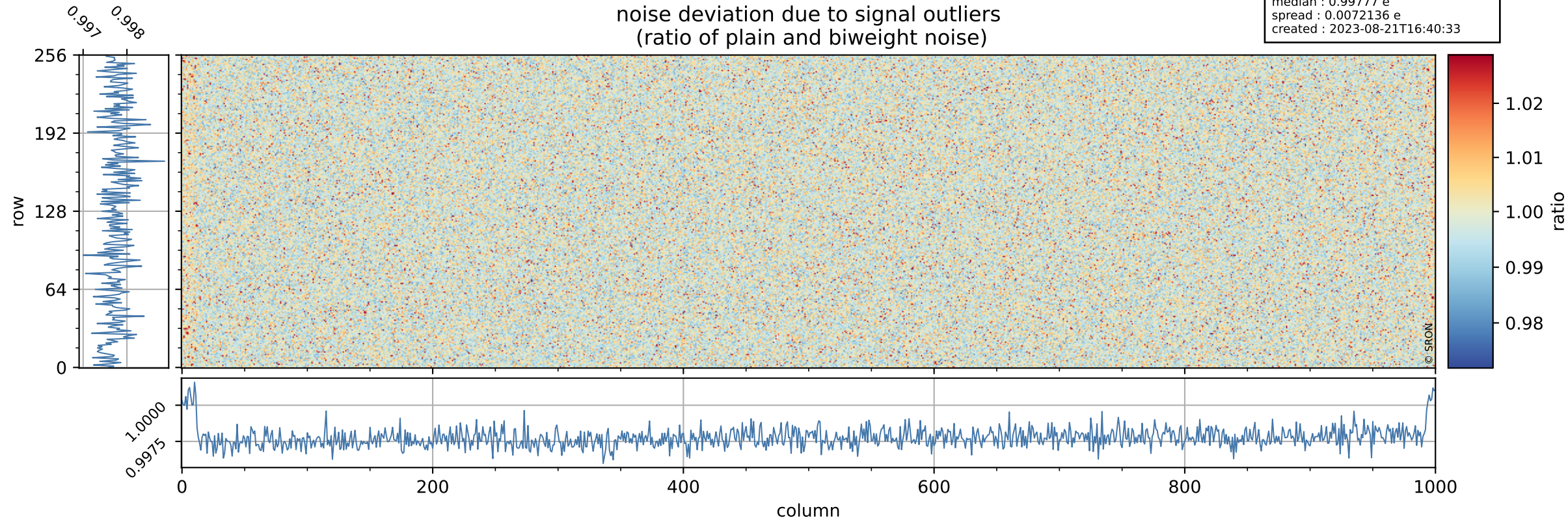
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

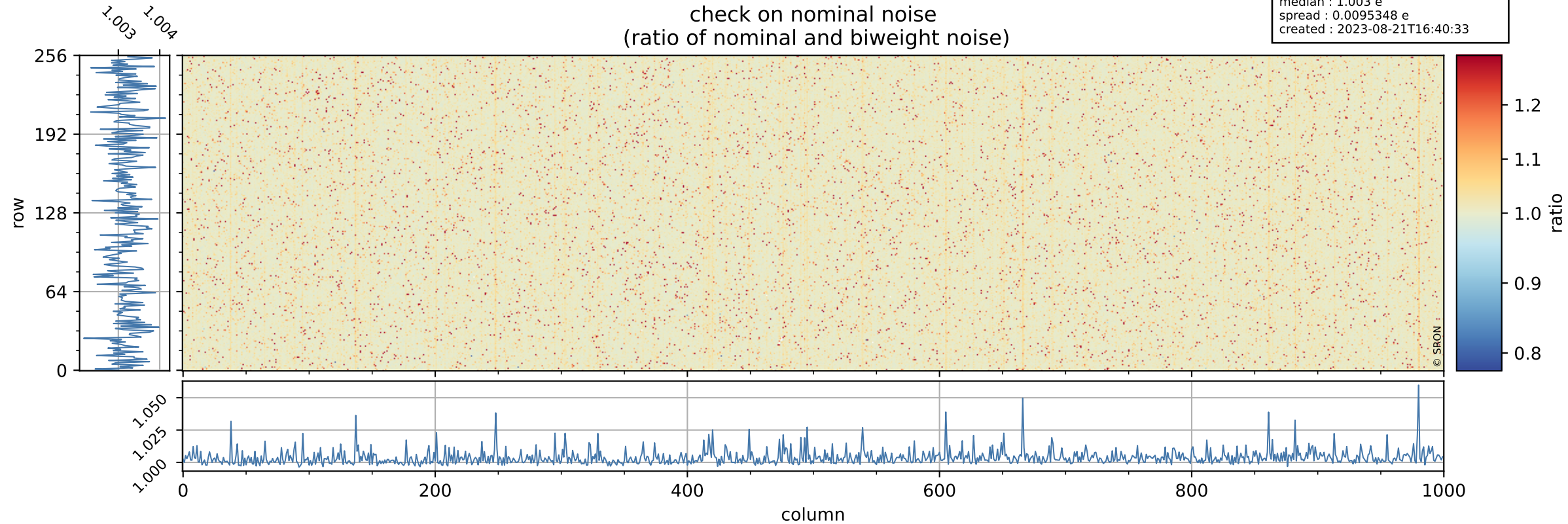
orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
median : 0.99777 e
spread : 0.0072136 e
created : 2023-08-21T16:40:33



Tropomi SWIR background noise (swir)

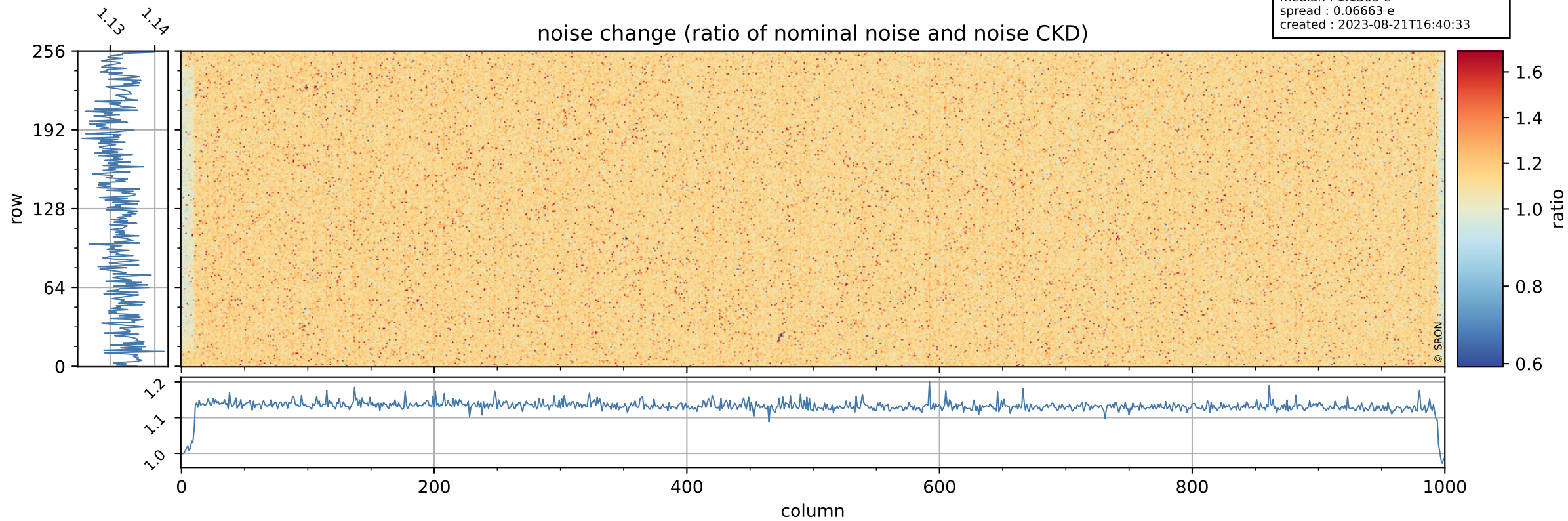
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
median : 1.003 e
spread : 0.0095348 e
created : 2023-08-21T16:40:33



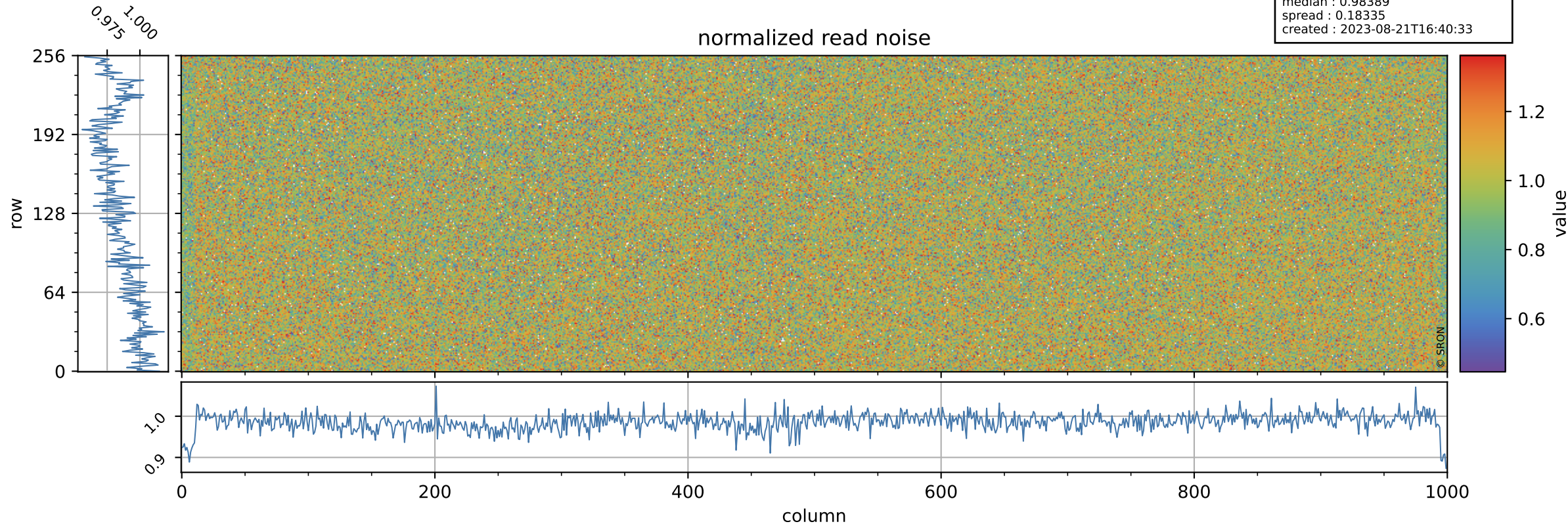
Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
median : 1.1309 e
spread : 0.06663 e
created : 2023-08-21T16:40:33



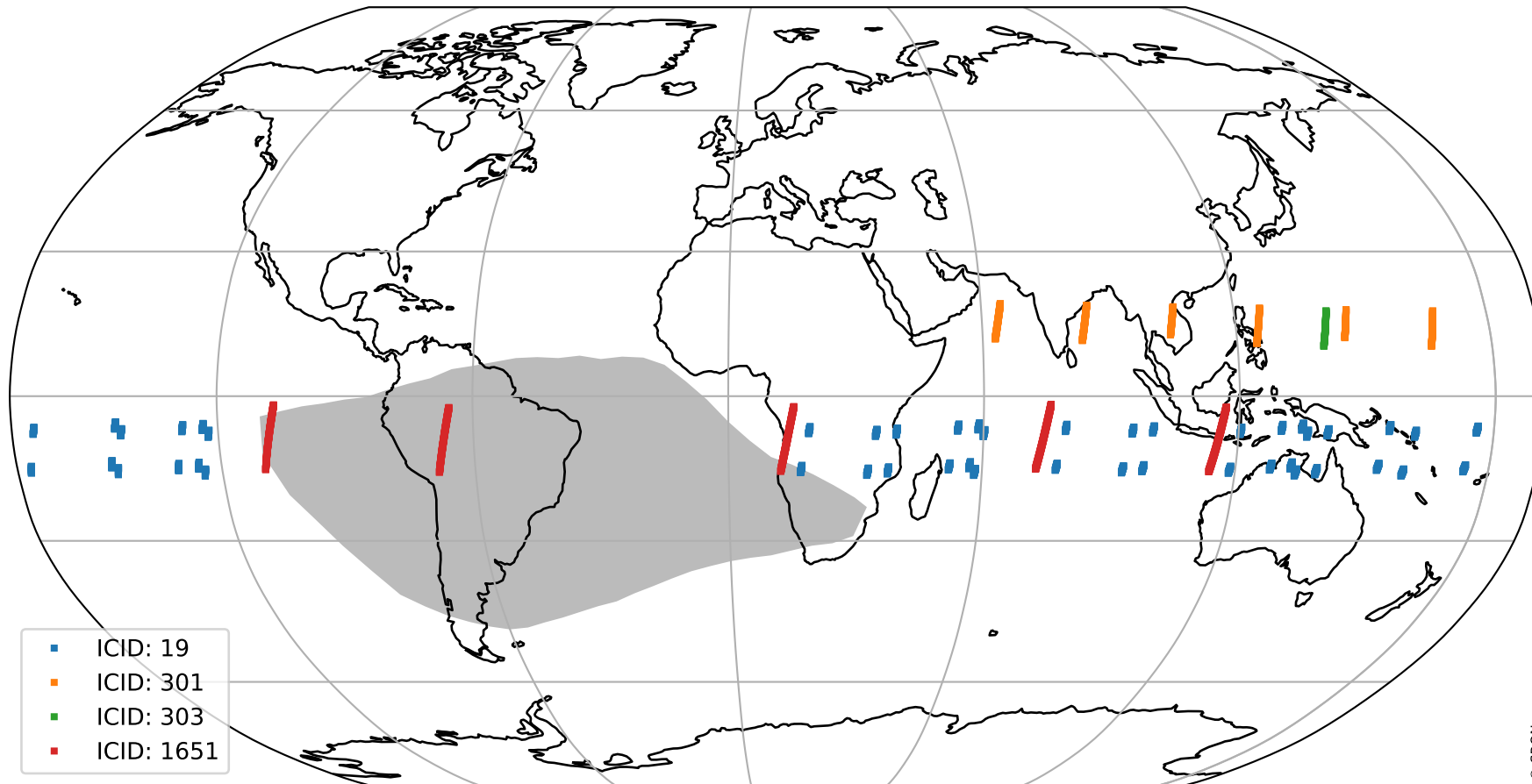
Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
median : 0.98389
spread : 0.18335
created : 2023-08-21T16:40:33



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

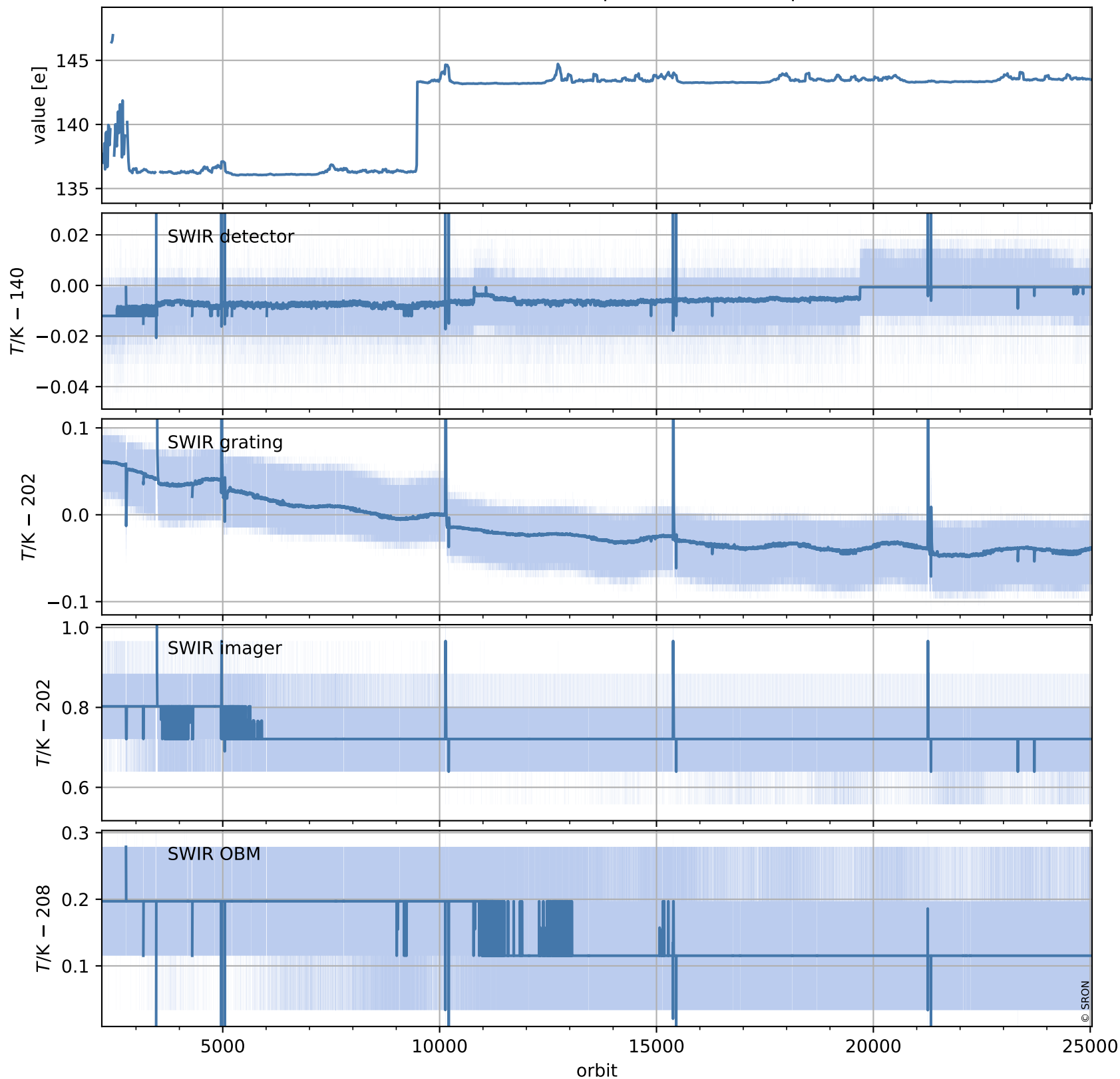
orbits : 12 in [24967, 25042]
coverage : 2022-08-07 / 2022-08-12
created : 2023-08-21T16:40:34



Tropomi SWIR background noise (swir)

orbits : [2212, 25042]
coverage : 2018-03-18 / 2022-08-12
created : 2023-08-21T16:40:34

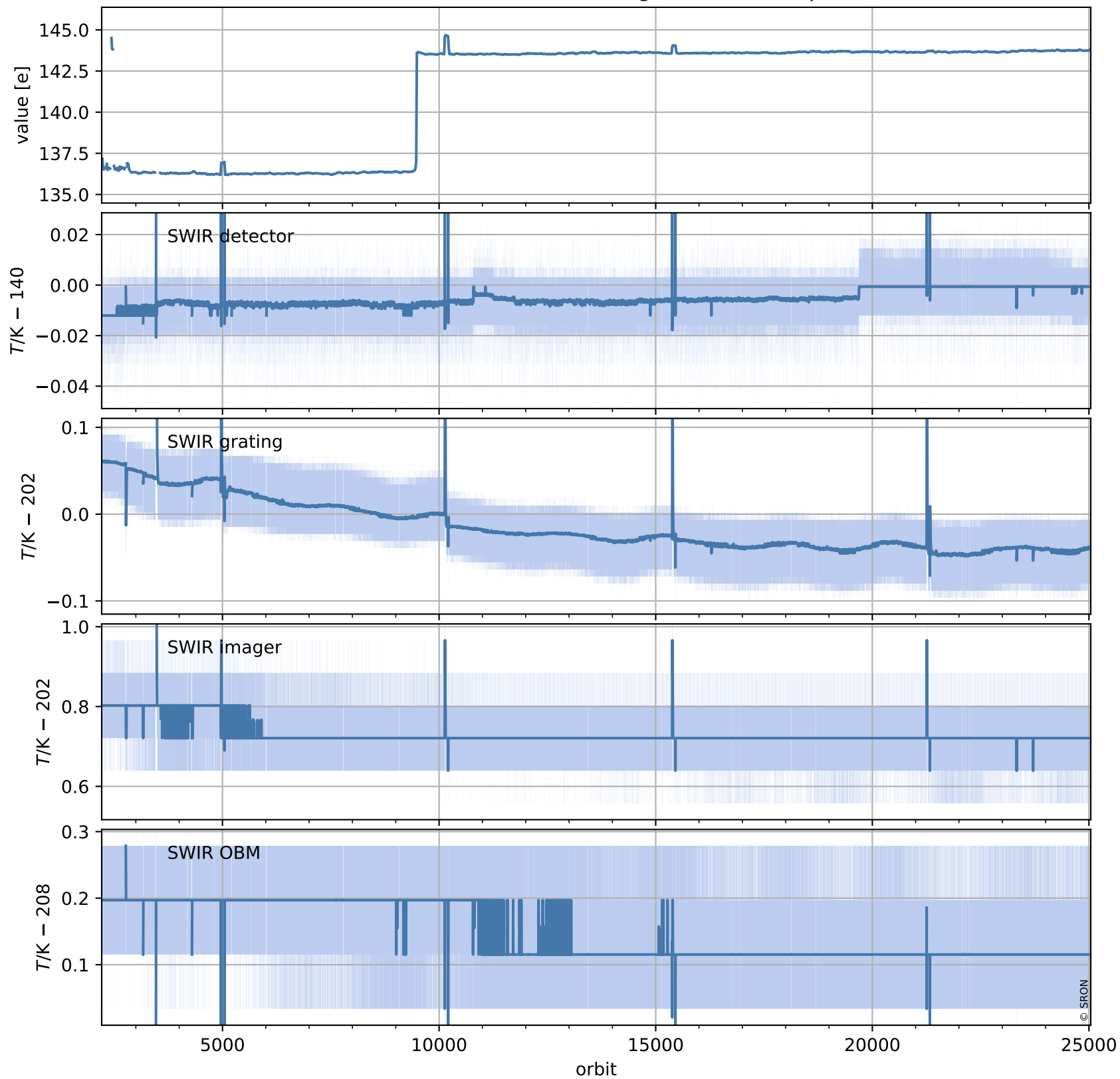
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25042]
coverage : 2018-03-18 / 2022-08-12
created : 2023-08-21T16:40:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25042]
coverage : 2018-03-18 / 2022-08-12
created : 2023-08-21T16:40:36

trend of normalized read-noise & temperatures

