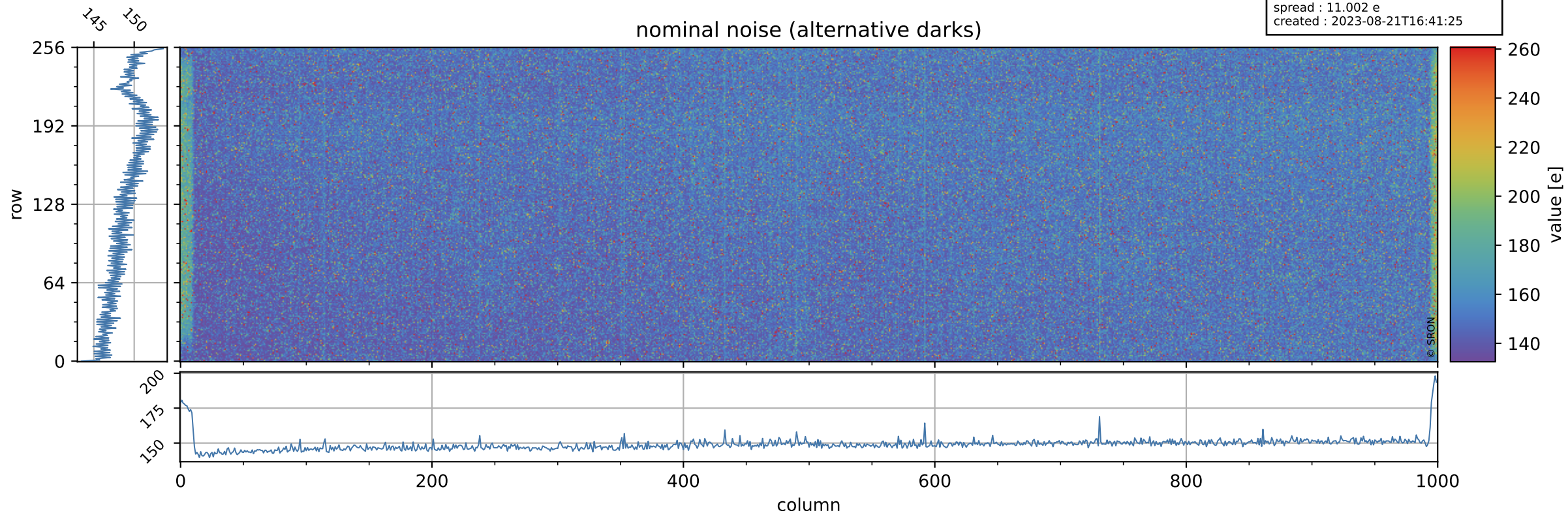


Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.002 e
created : 2023-08-21T16:41:25

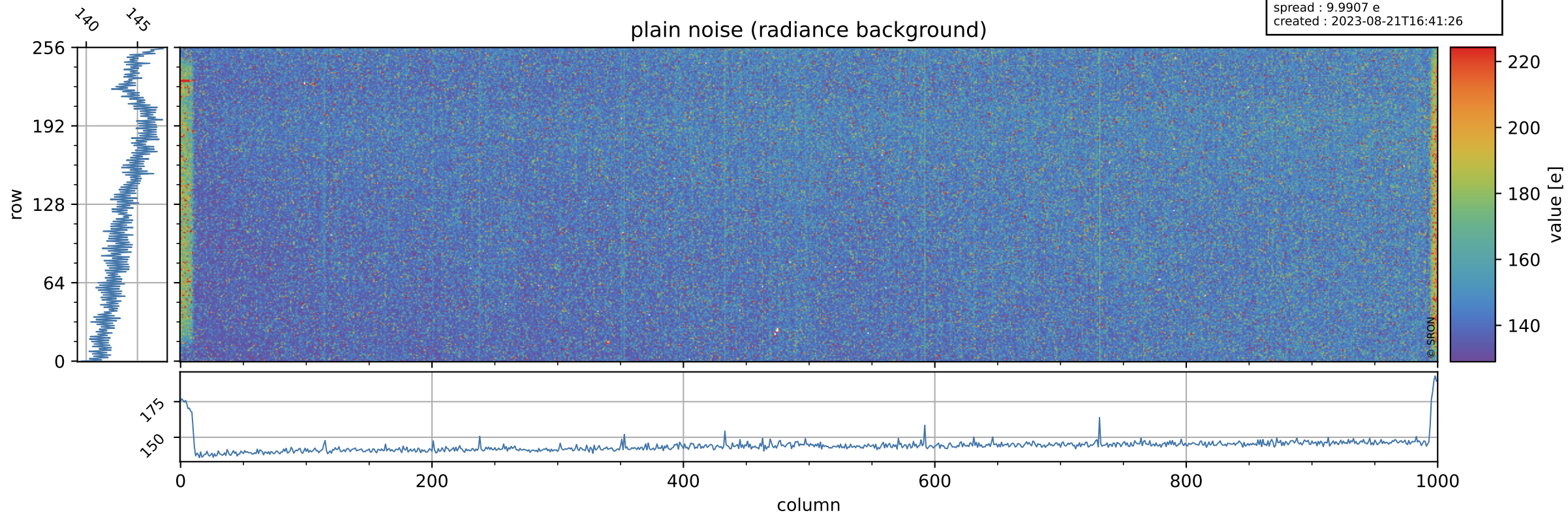
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9907 e
created : 2023-08-21T16:41:26

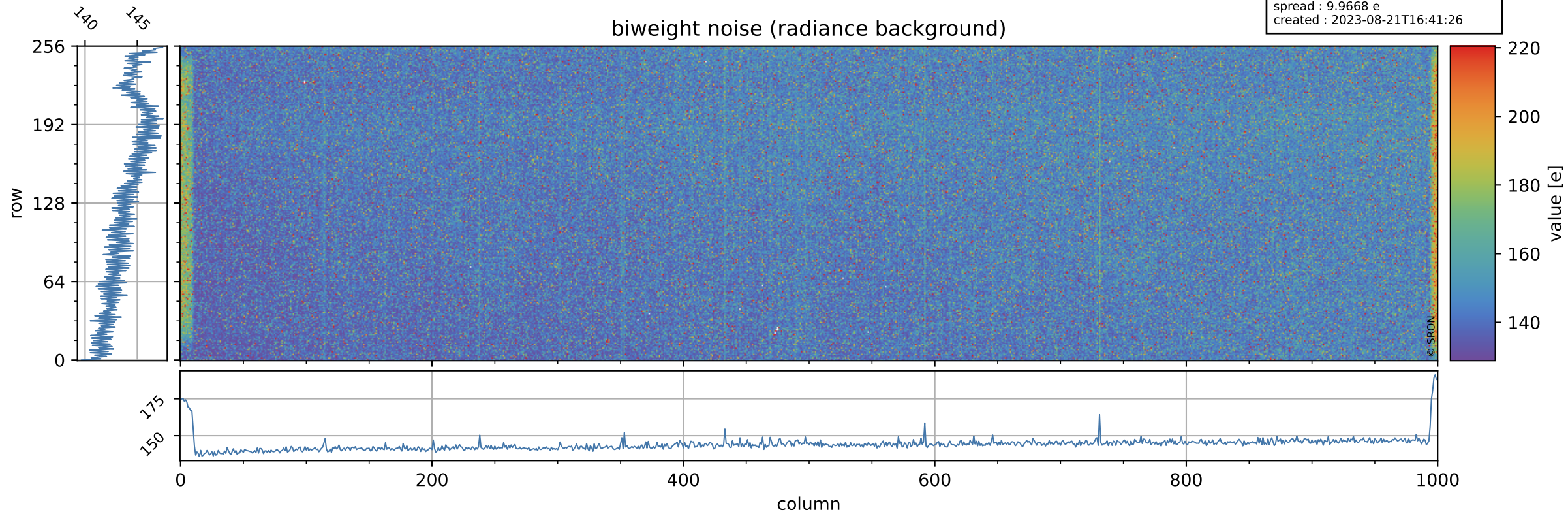
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9668 e
created : 2023-08-21T16:41:26

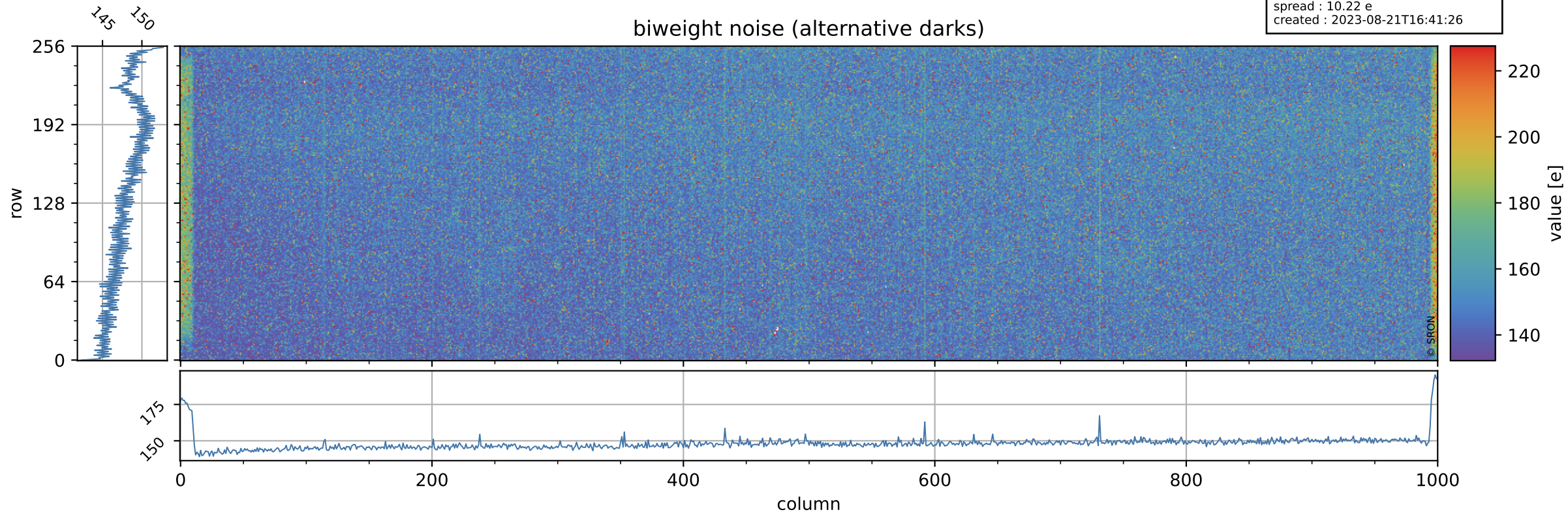
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.22 e
created : 2023-08-21T16:41:26

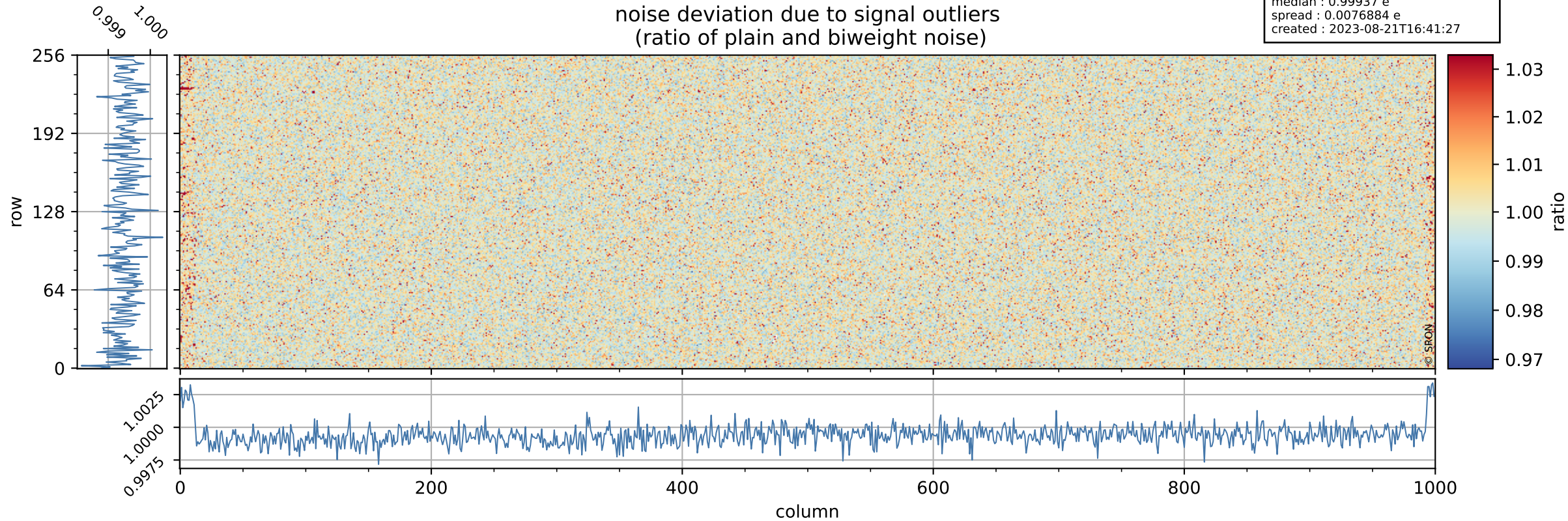
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

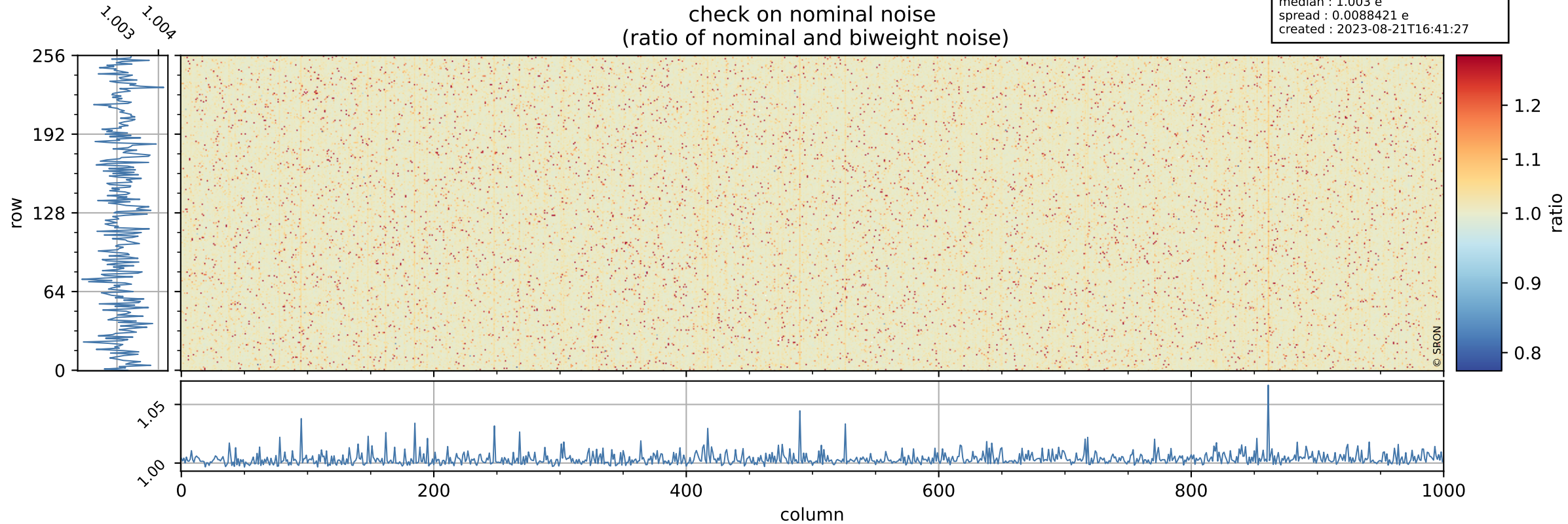
orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
median : 0.99937 e
spread : 0.0076884 e
created : 2023-08-21T16:41:27



Tropomi SWIR background noise (swir)

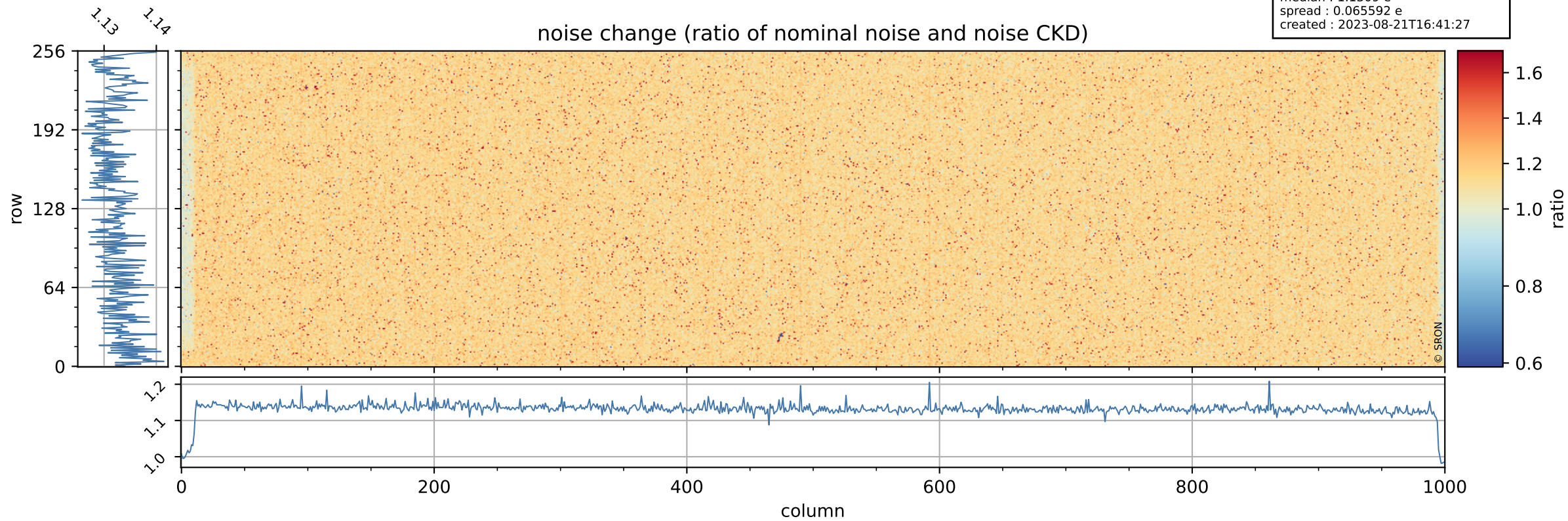
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
median : 1.003 e
spread : 0.0088421 e
created : 2023-08-21T16:41:27



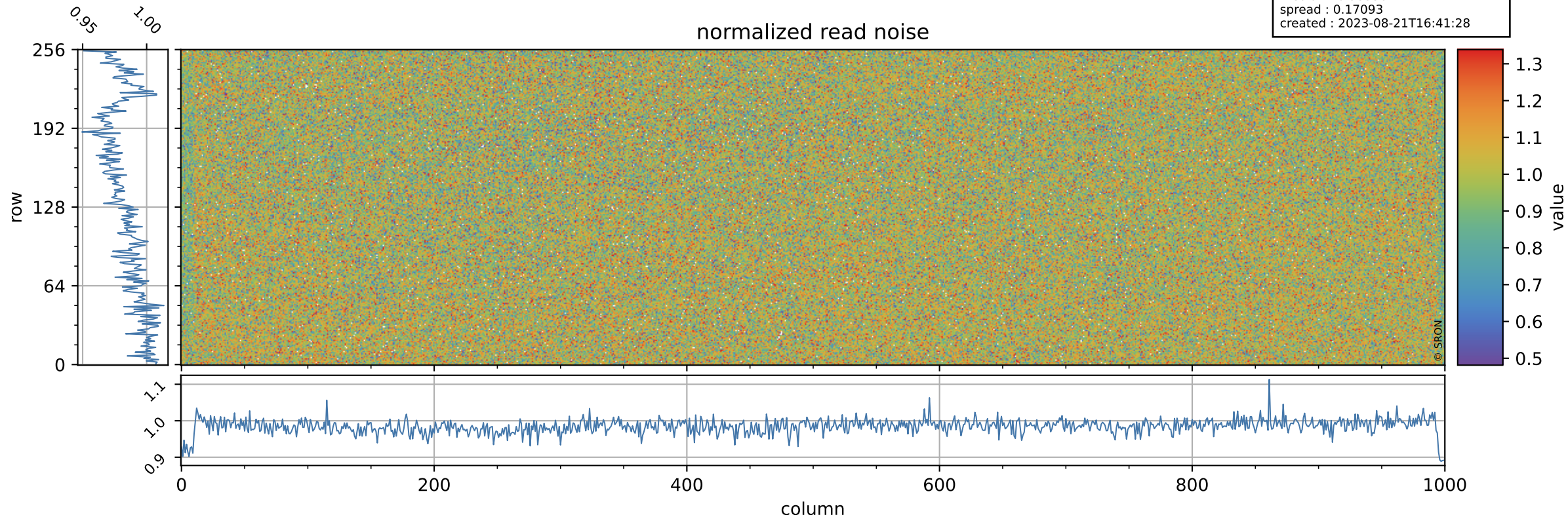
Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
median : 1.1309 e
spread : 0.065592 e
created : 2023-08-21T16:41:27



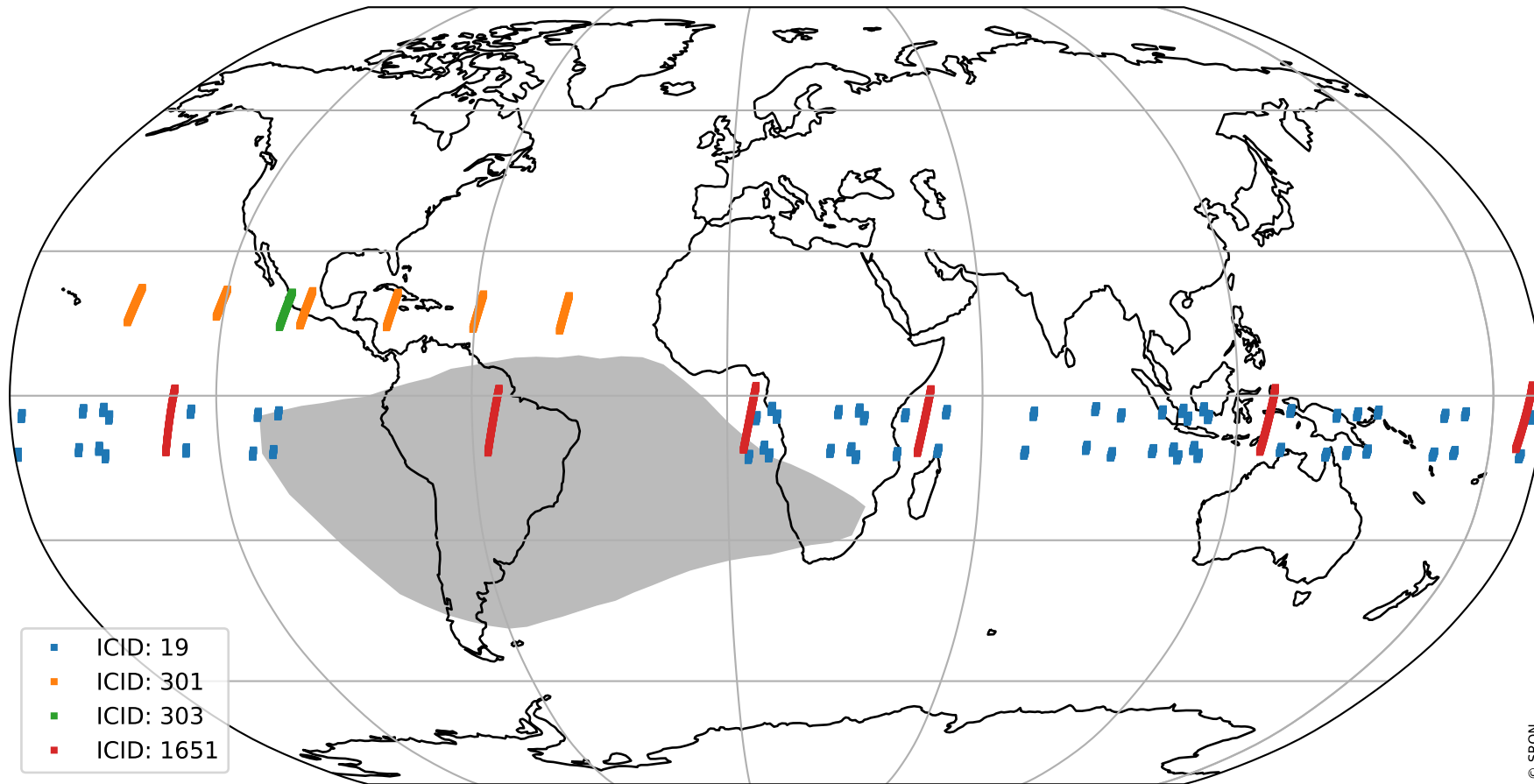
Tropomi SWIR background noise (swir)

orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
median : 0.98336
spread : 0.17093
created : 2023-08-21T16:41:28



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

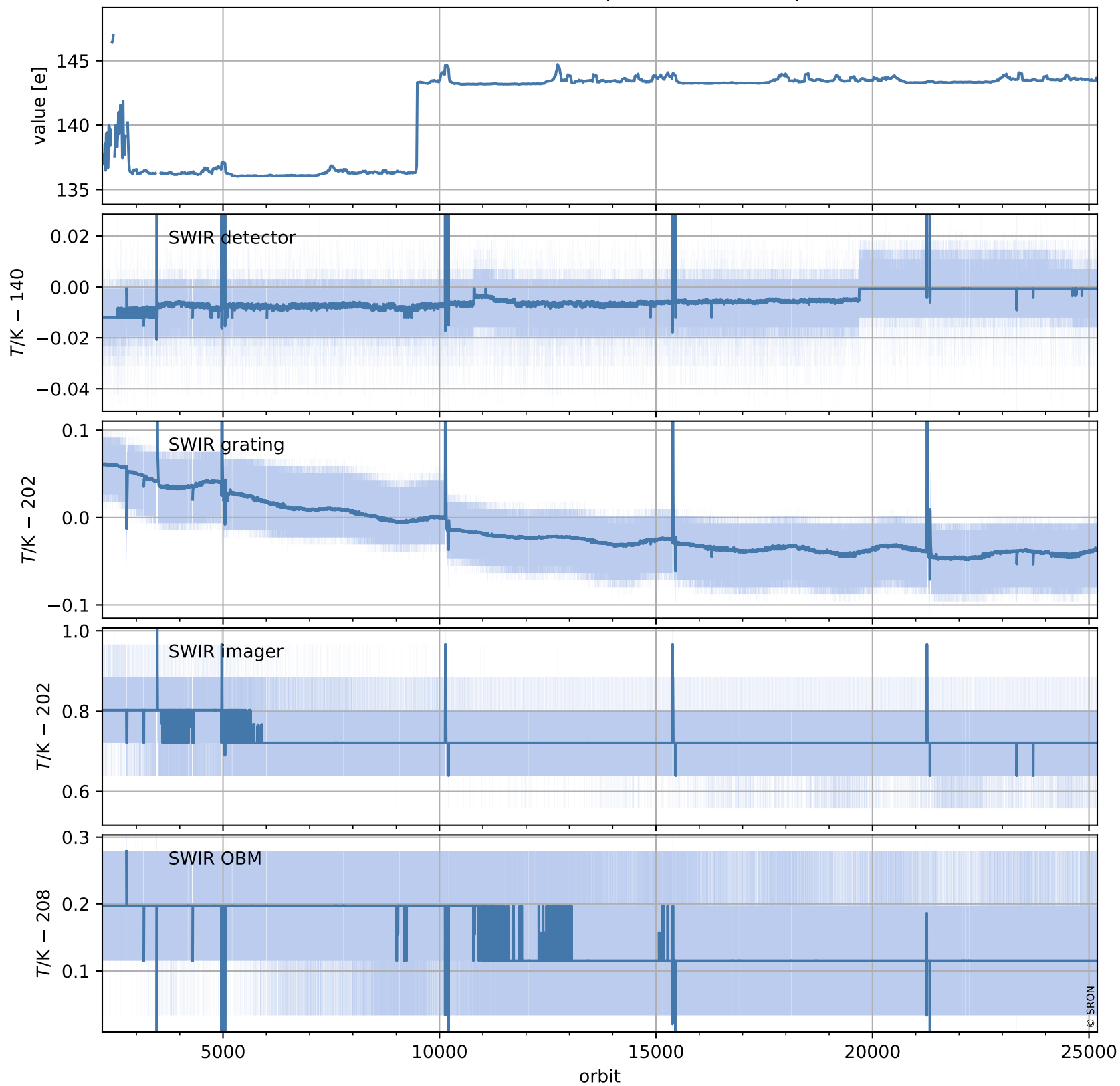
orbits : 13 in [25102, 25192]
coverage : 2022-08-18 / 2022-08-23
created : 2023-08-21T16:41:28



Tropomi SWIR background noise (swir)

orbits : [2212, 25192]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:28

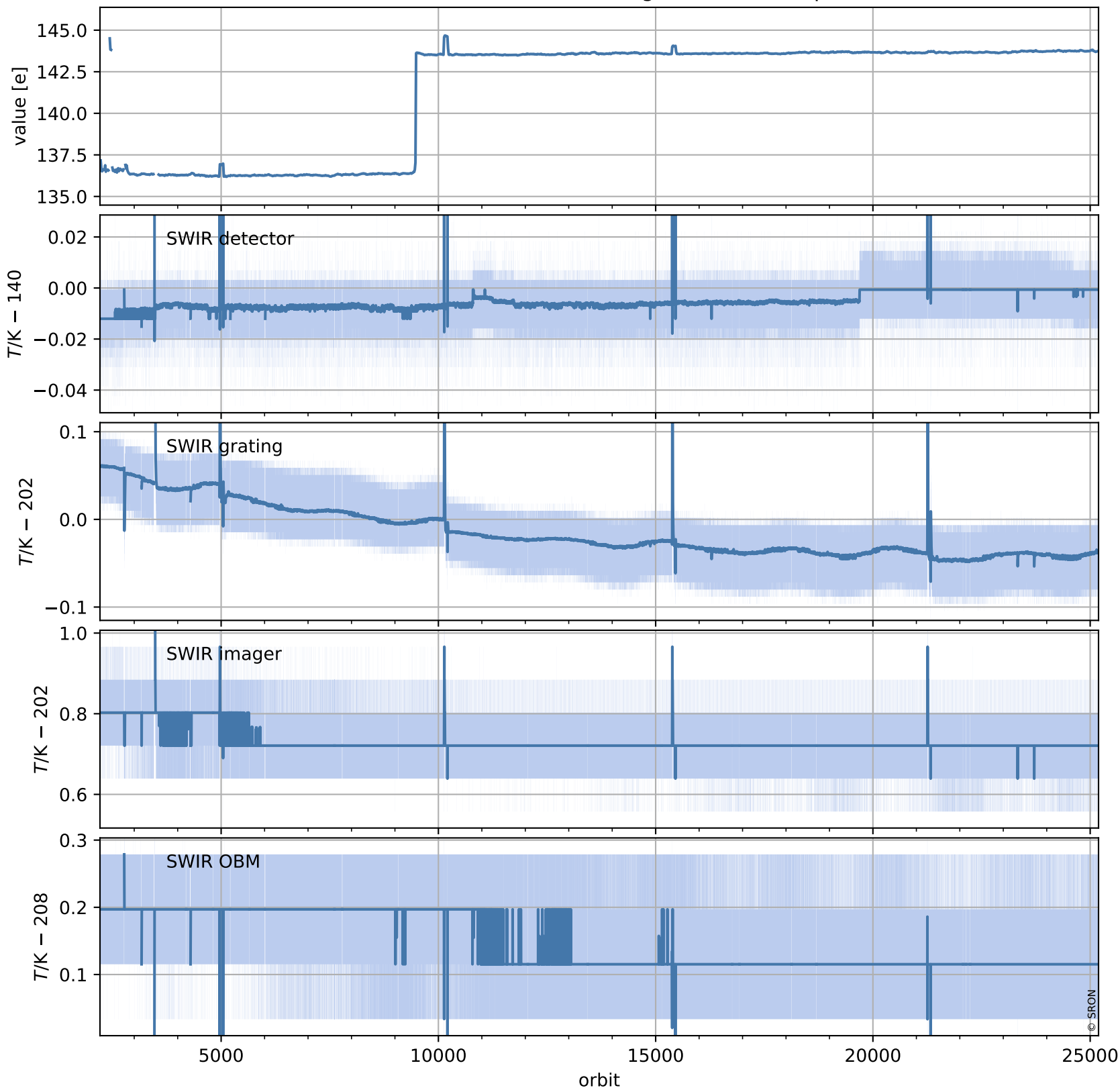
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25192]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25192]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:30

trend of normalized read-noise & temperatures

