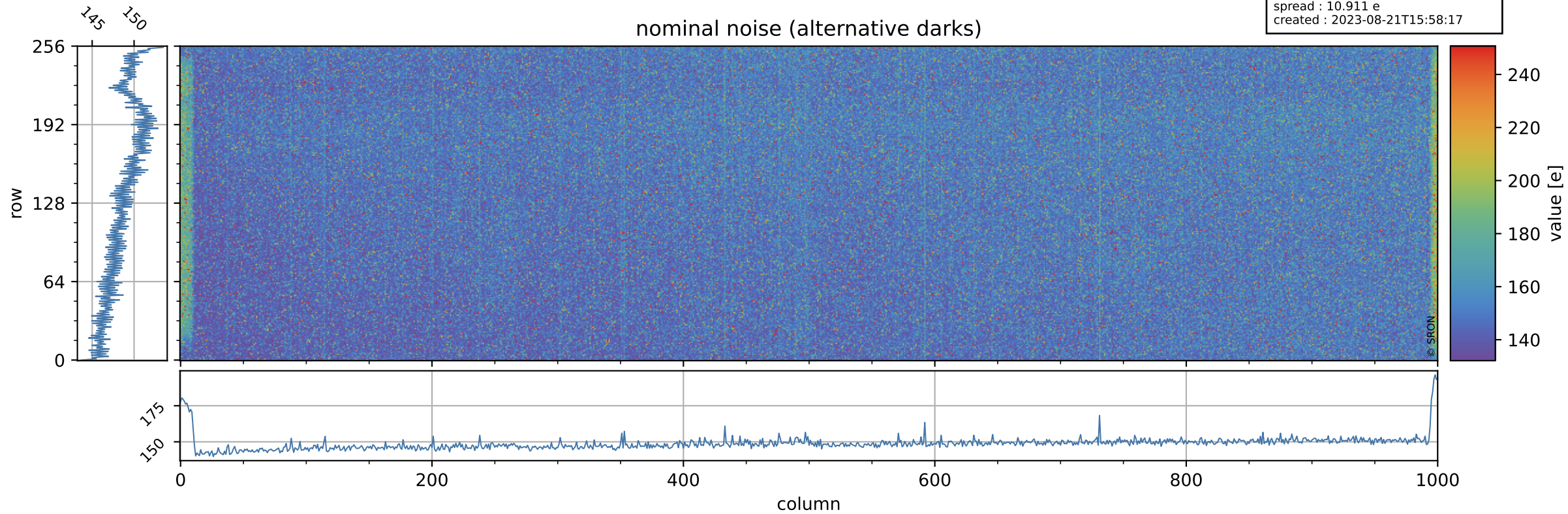


Tropomi SWIR background noise (swir)

orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.911 e
created : 2023-08-21T15:58:17

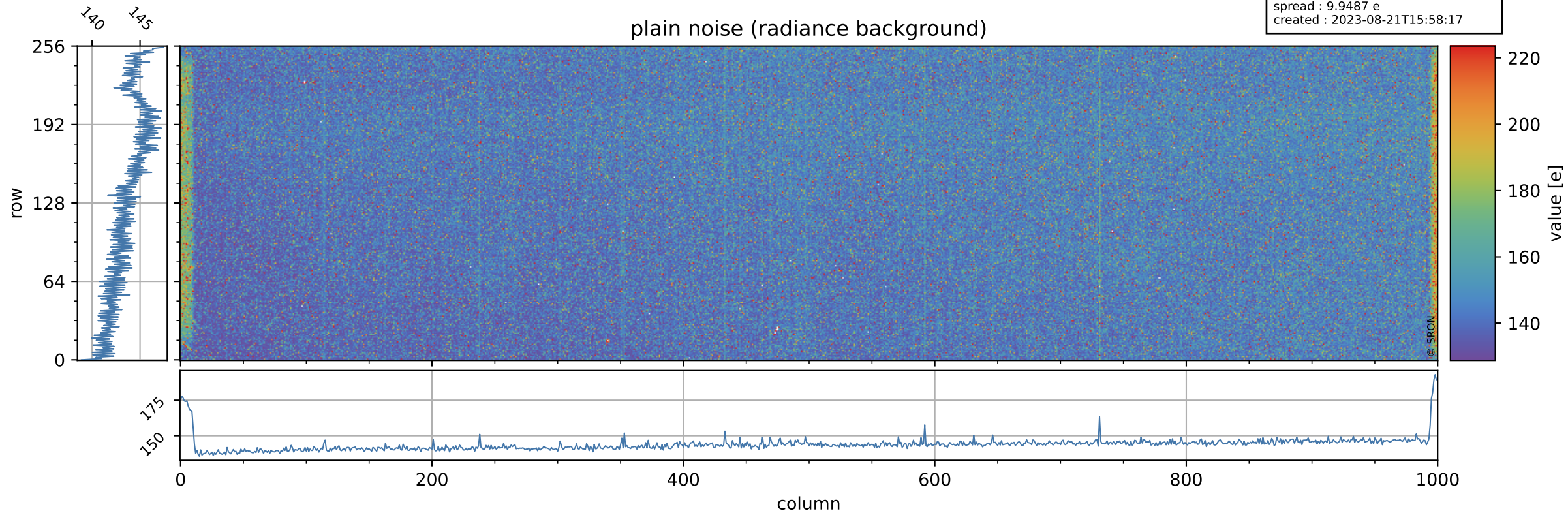
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.9487 e
created : 2023-08-21T15:58:17

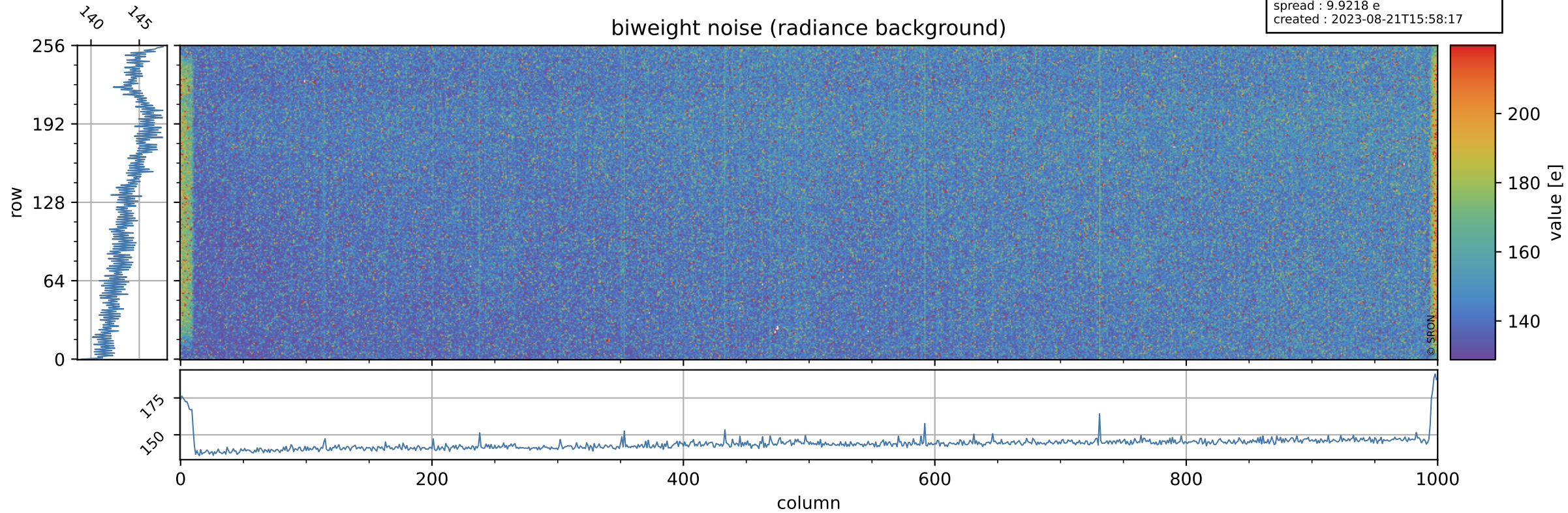
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9218 e
created : 2023-08-21T15:58:17

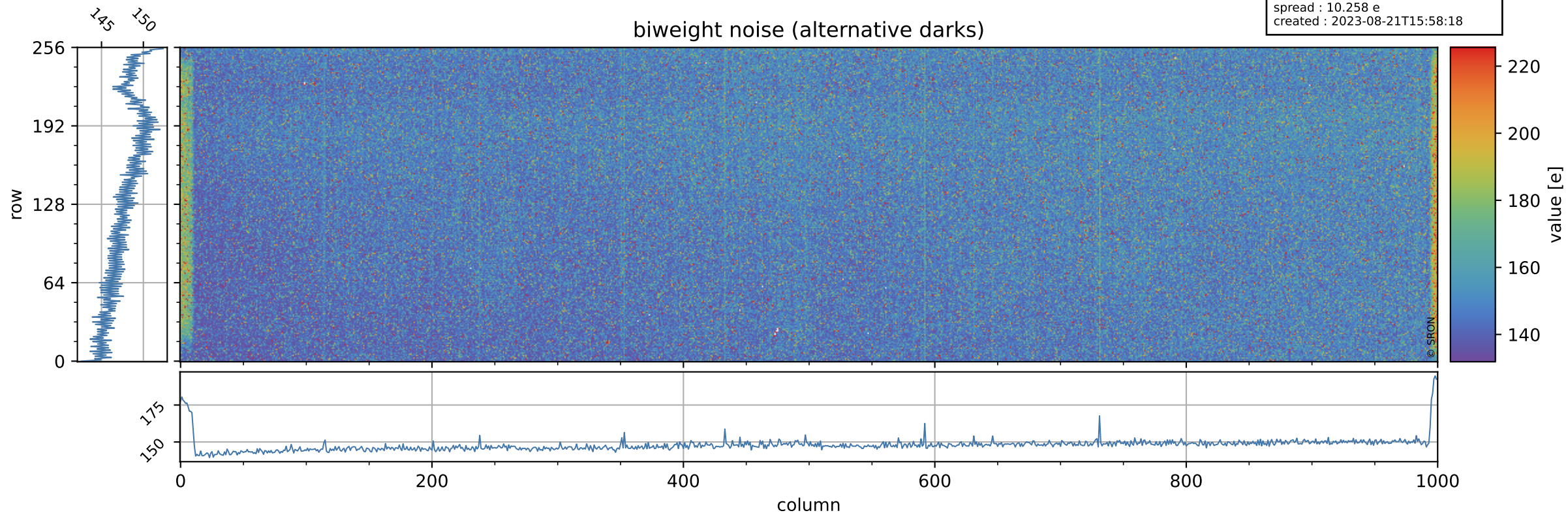
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.258 e
created : 2023-08-21T15:58:18

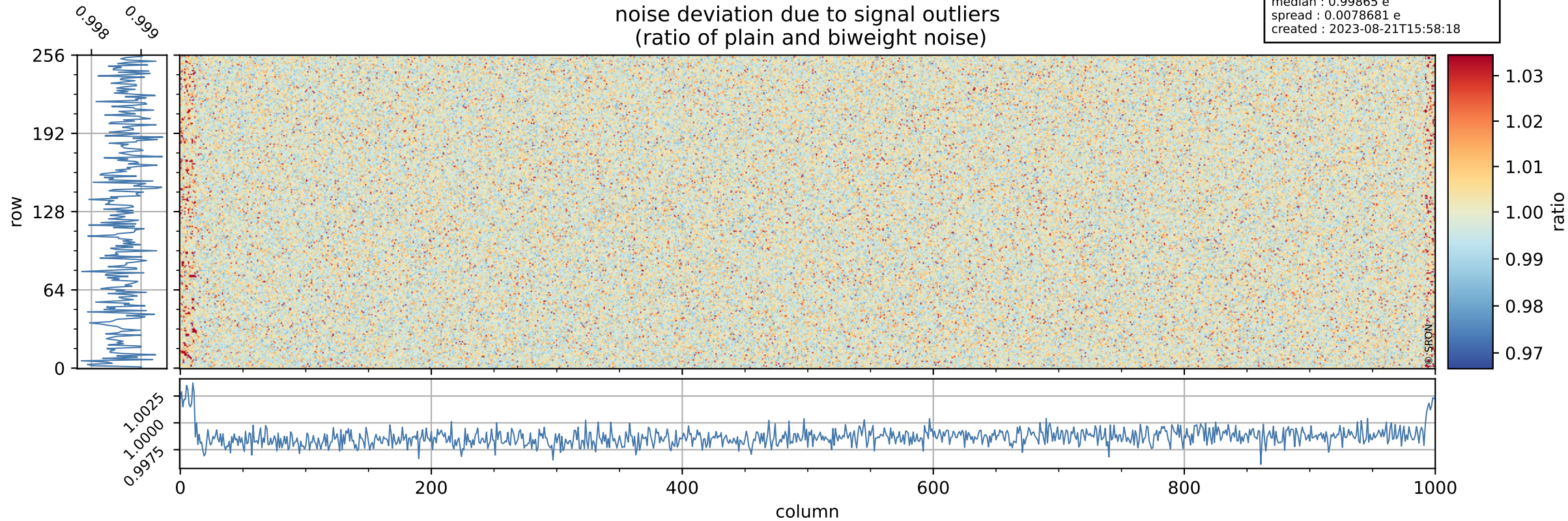
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

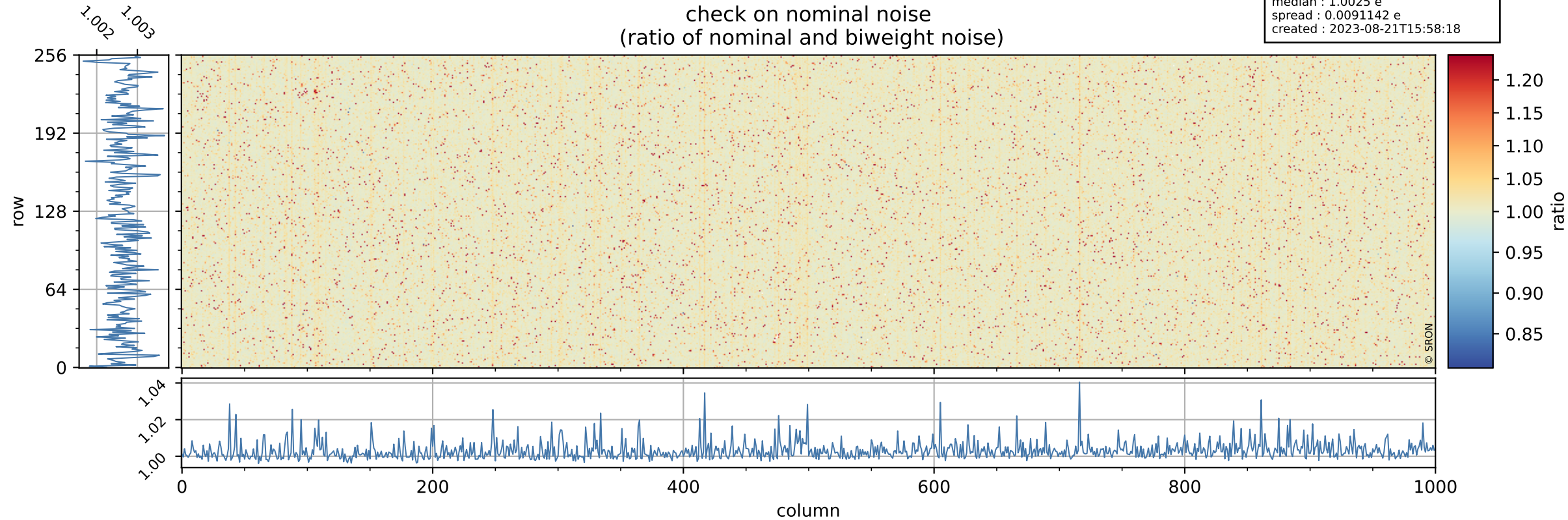
orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
median : 0.99865 e
spread : 0.0078681 e
created : 2023-08-21T15:58:18



Tropomi SWIR background noise (swir)

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

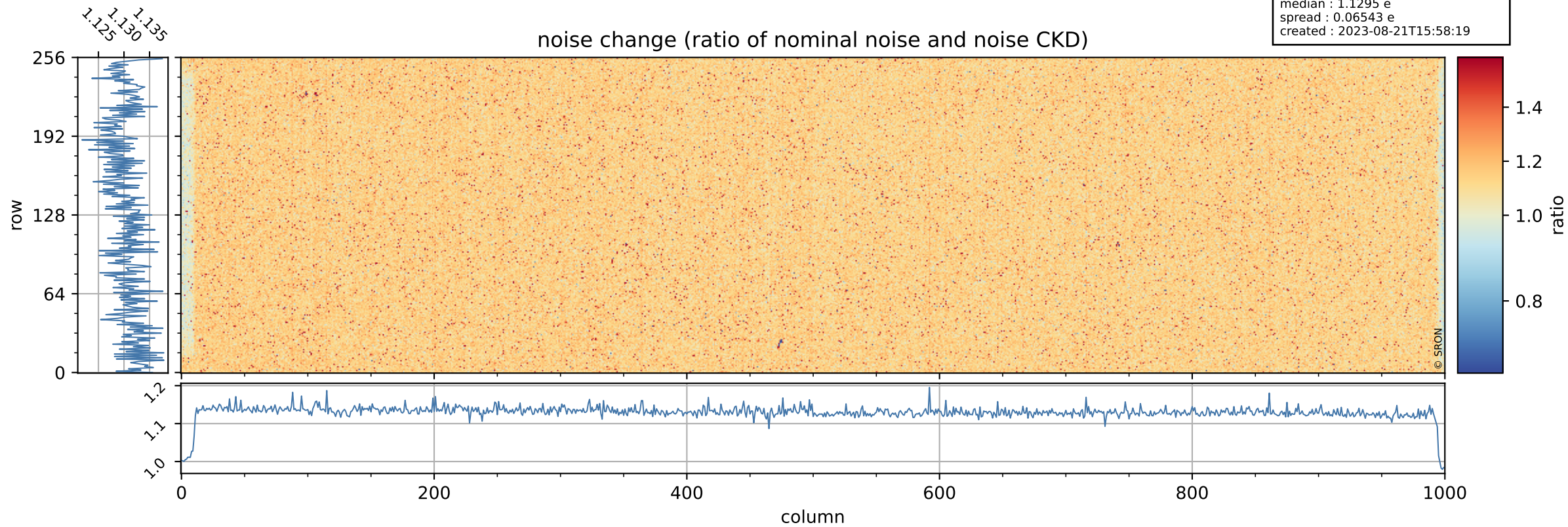
orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
median : 1.0025 e
spread : 0.0091142 e
created : 2023-08-21T15:58:18



Tropomi SWIR background noise (swir)

orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
median : 1.1295 e
spread : 0.06543 e
created : 2023-08-21T15:58:19

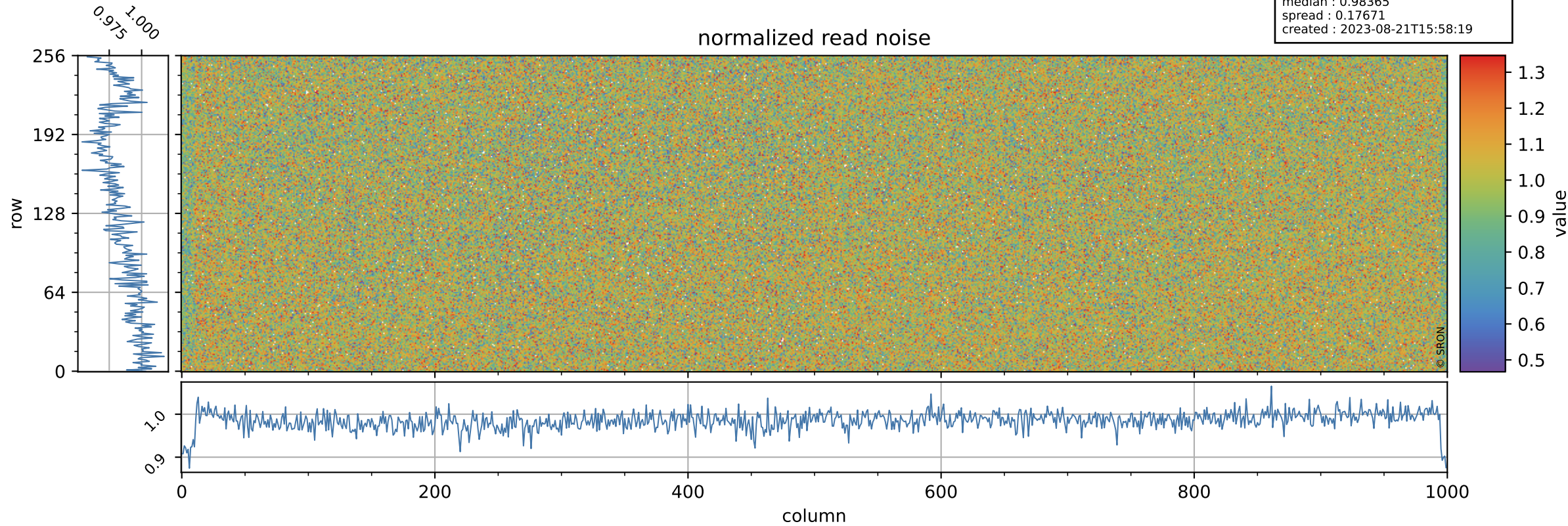
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

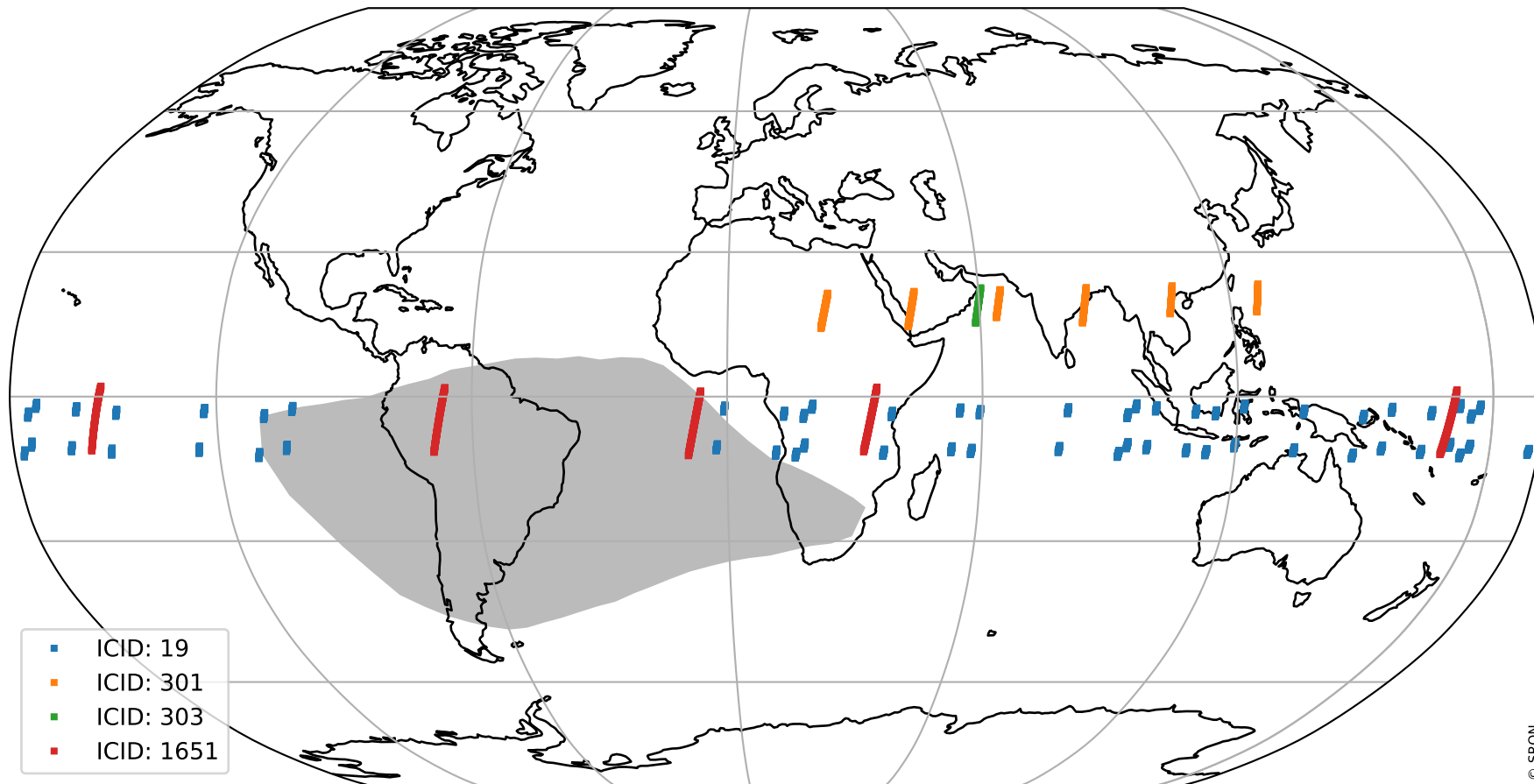
orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
median : 0.98365
spread : 0.17671
created : 2023-08-21T15:58:19

normalized read noise



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

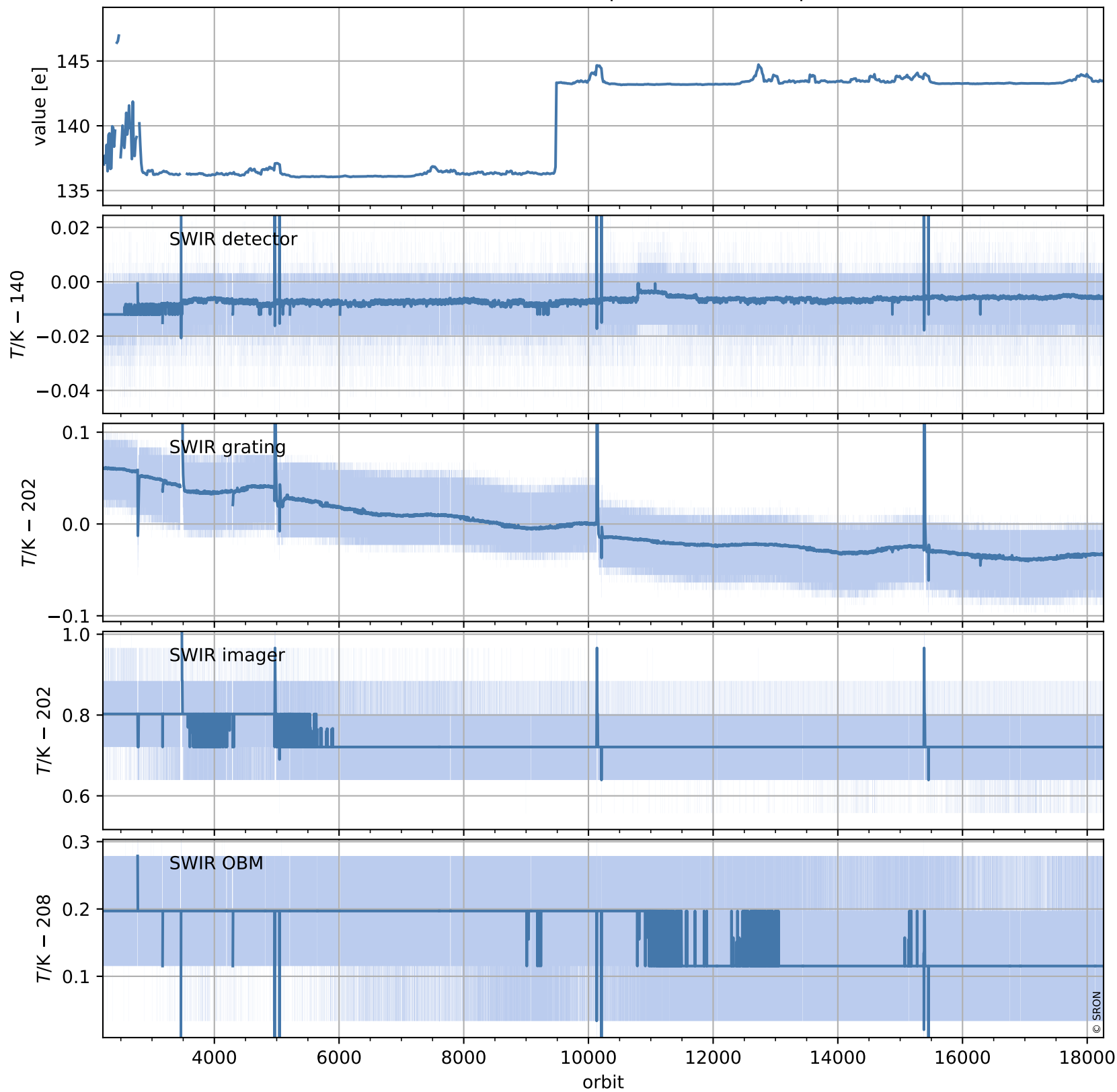
orbits : 12 in [18172, 18262]
coverage : 2021-04-16 / 2021-04-22
created : 2023-08-21T15:58:19



Tropomi SWIR background noise (swir)

orbits : [2212, 18262]
coverage : 2018-03-18 / 2021-04-22
created : 2023-08-21T15:58:19

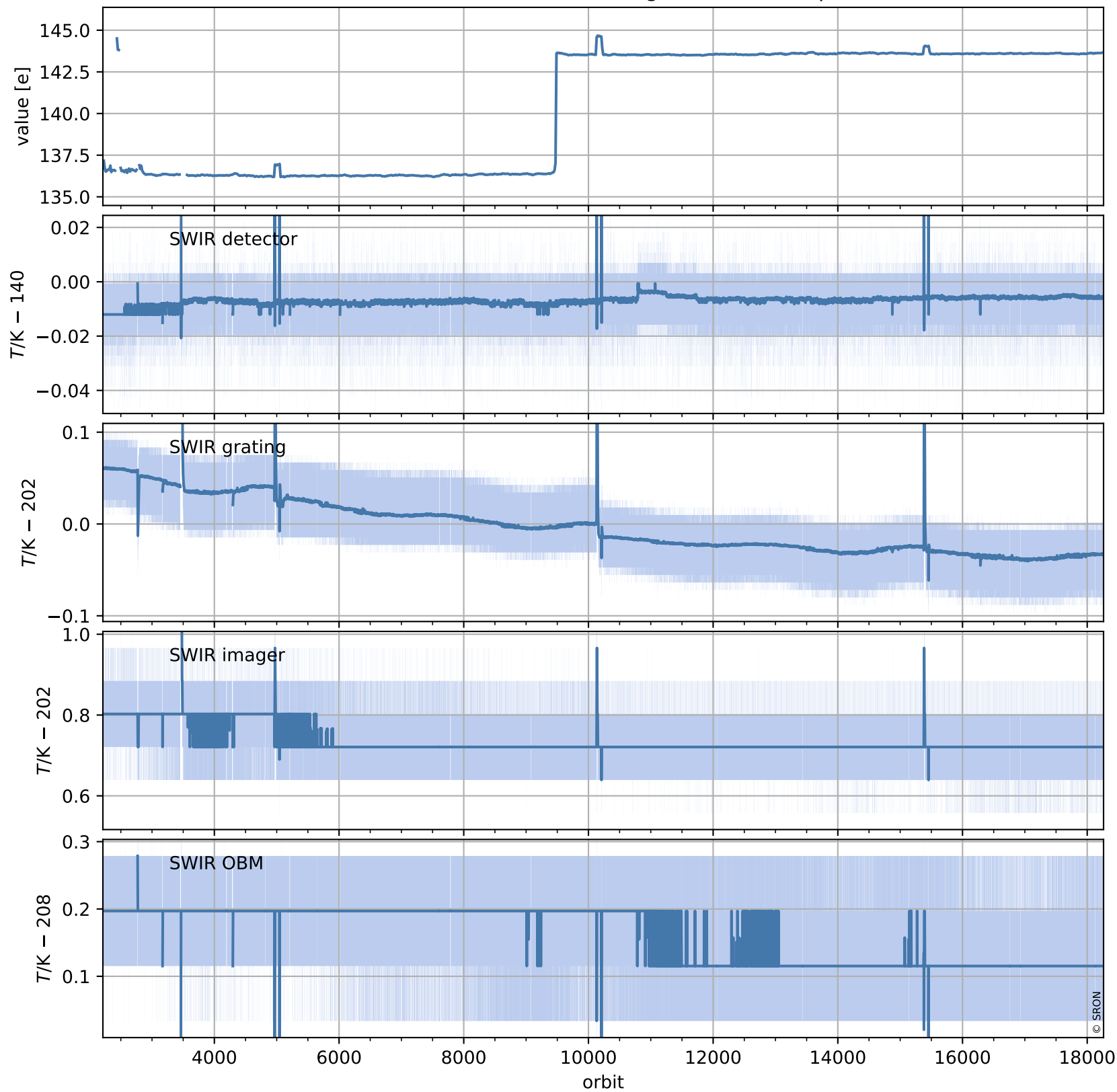
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18262]
coverage : 2018-03-18 / 2021-04-22
created : 2023-08-21T15:58:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18262]
coverage : 2018-03-18 / 2021-04-22
created : 2023-08-21T15:58:21

trend of normalized read-noise & temperatures

