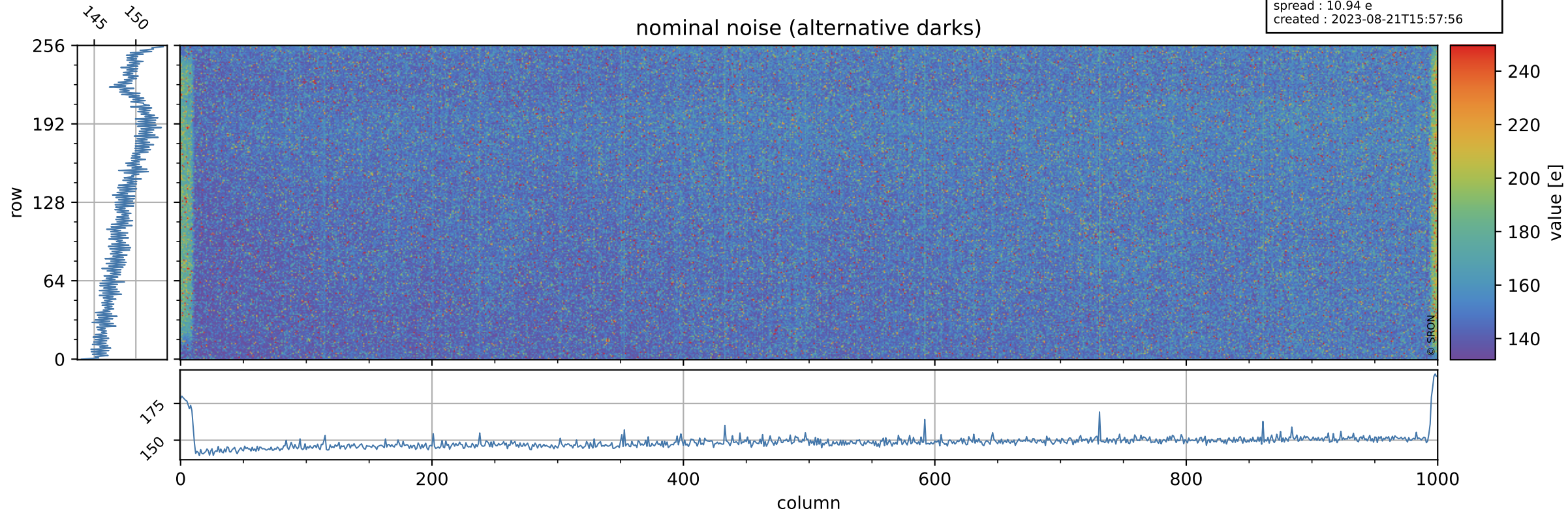


Tropomi SWIR background noise (swir)

orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.94 e
created : 2023-08-21T15:57:56

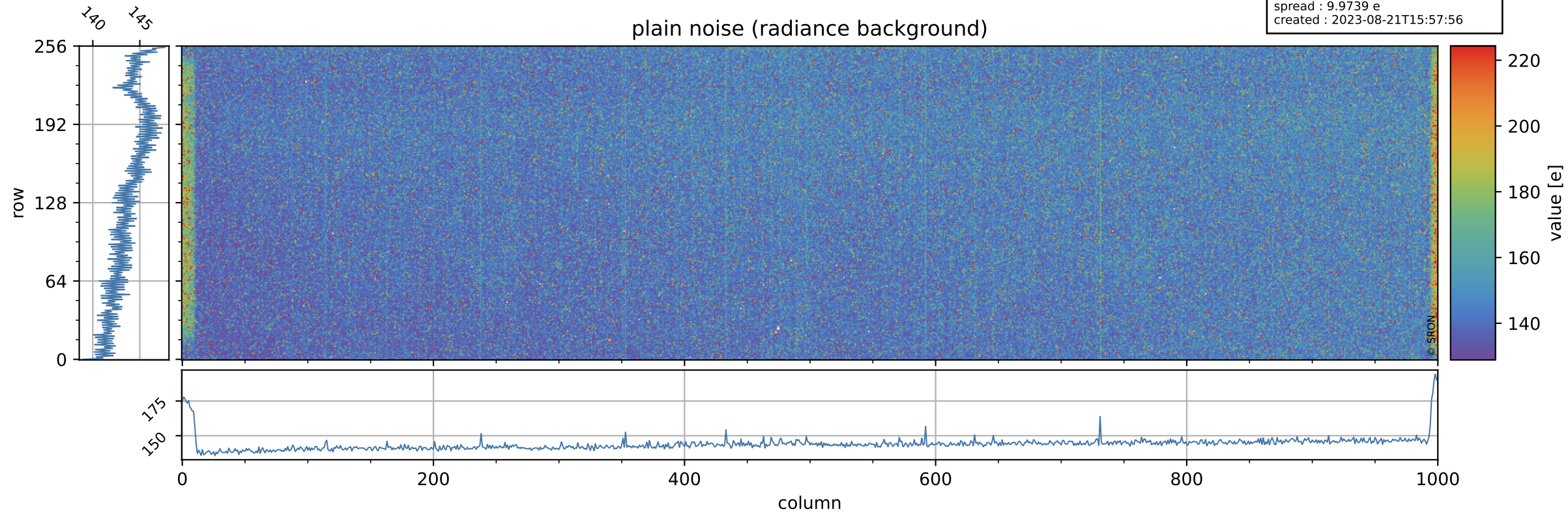
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.9739 e
created : 2023-08-21T15:57:56

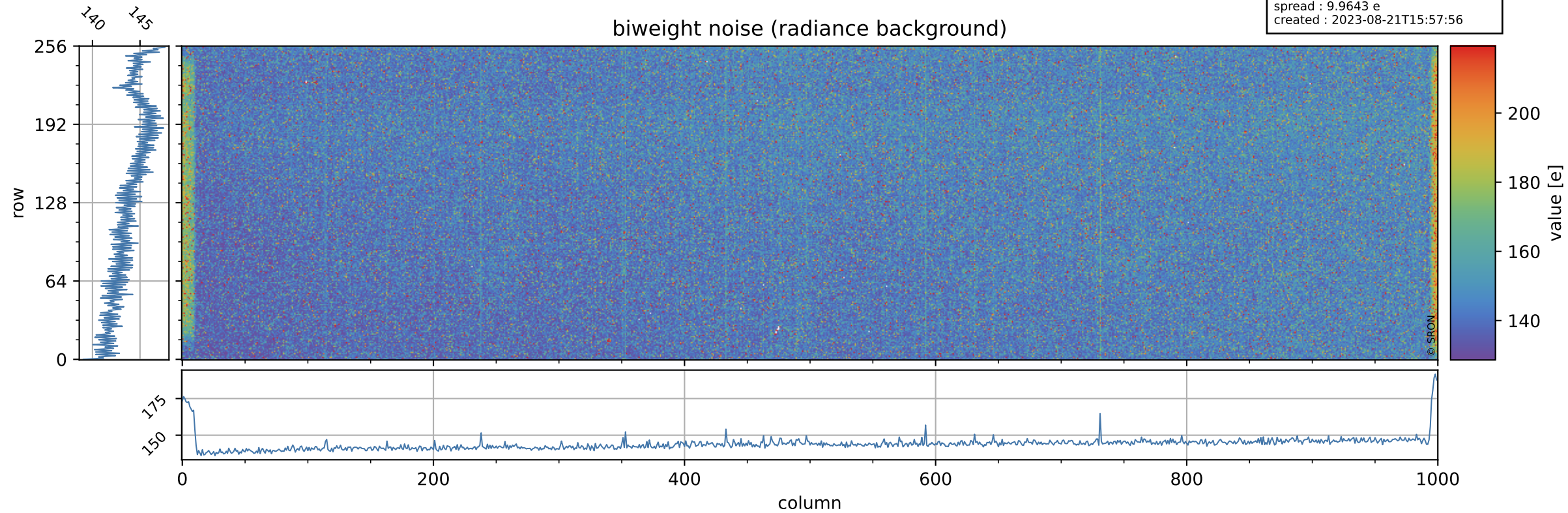
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9643 e
created : 2023-08-21T15:57:56

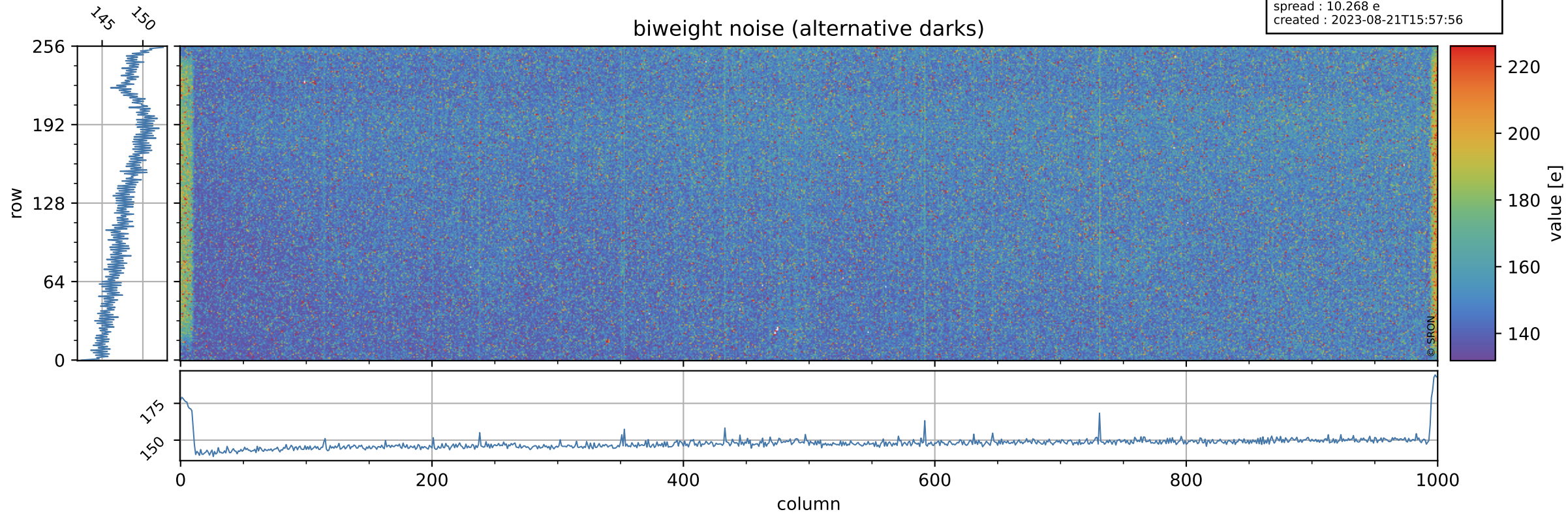
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.268 e
created : 2023-08-21T15:57:56

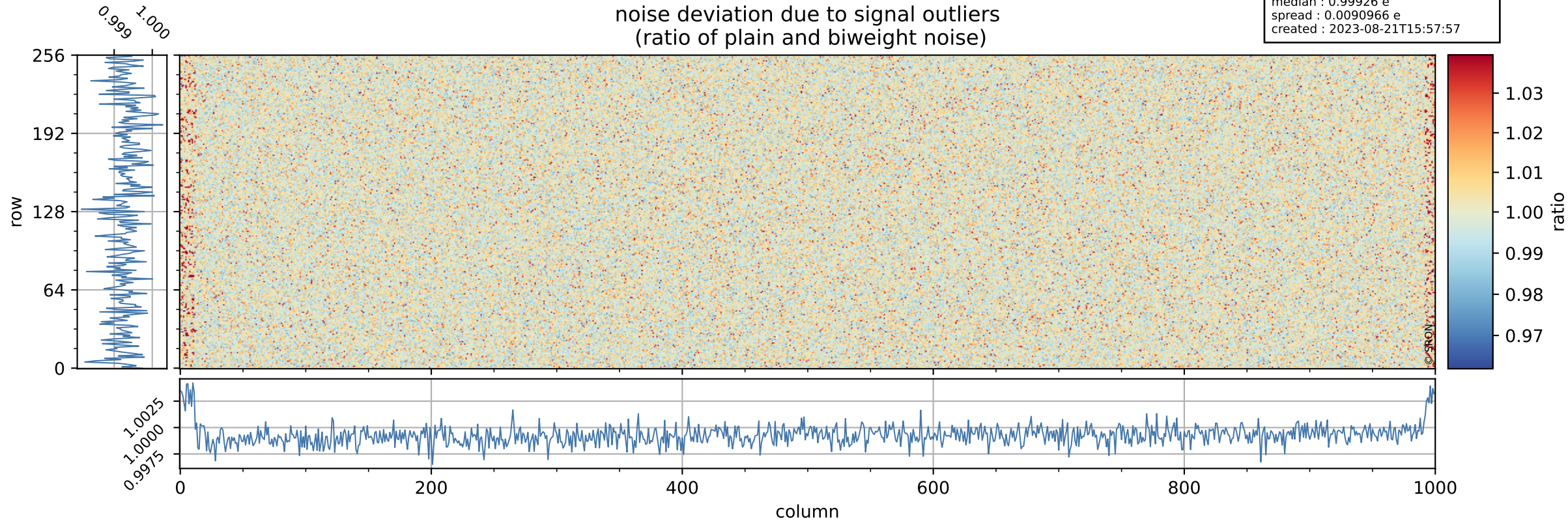
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

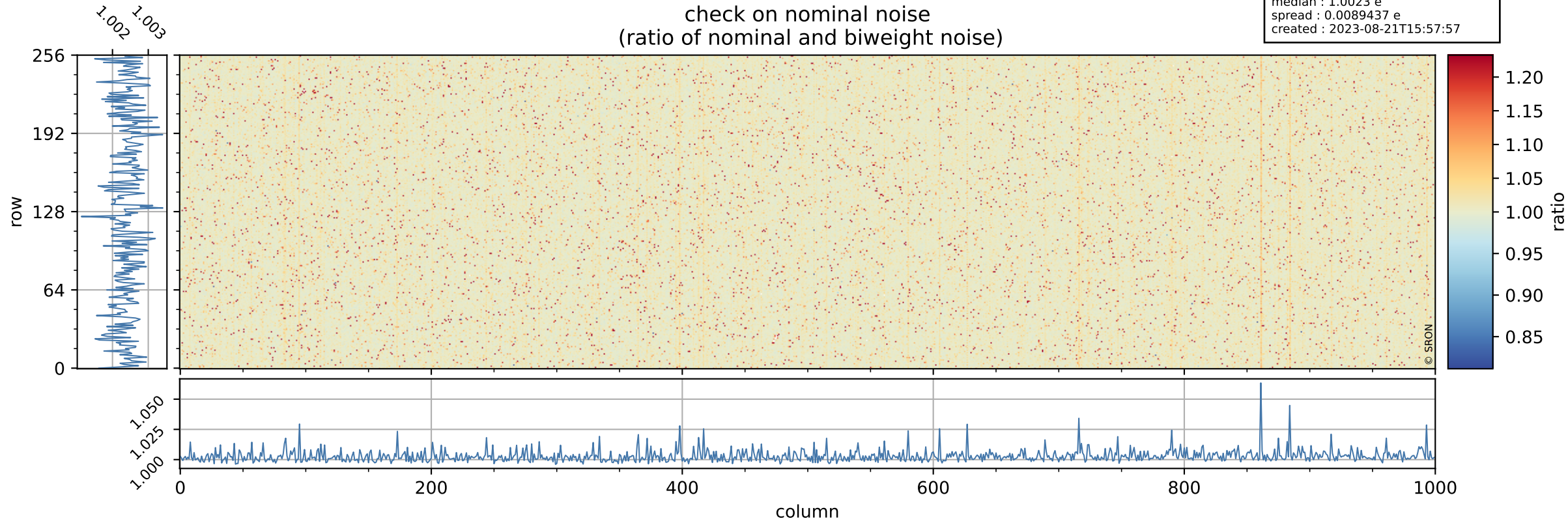
orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
median : 0.99926 e
spread : 0.0090966 e
created : 2023-08-21T15:57:57



Tropomi SWIR background noise (swir)

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

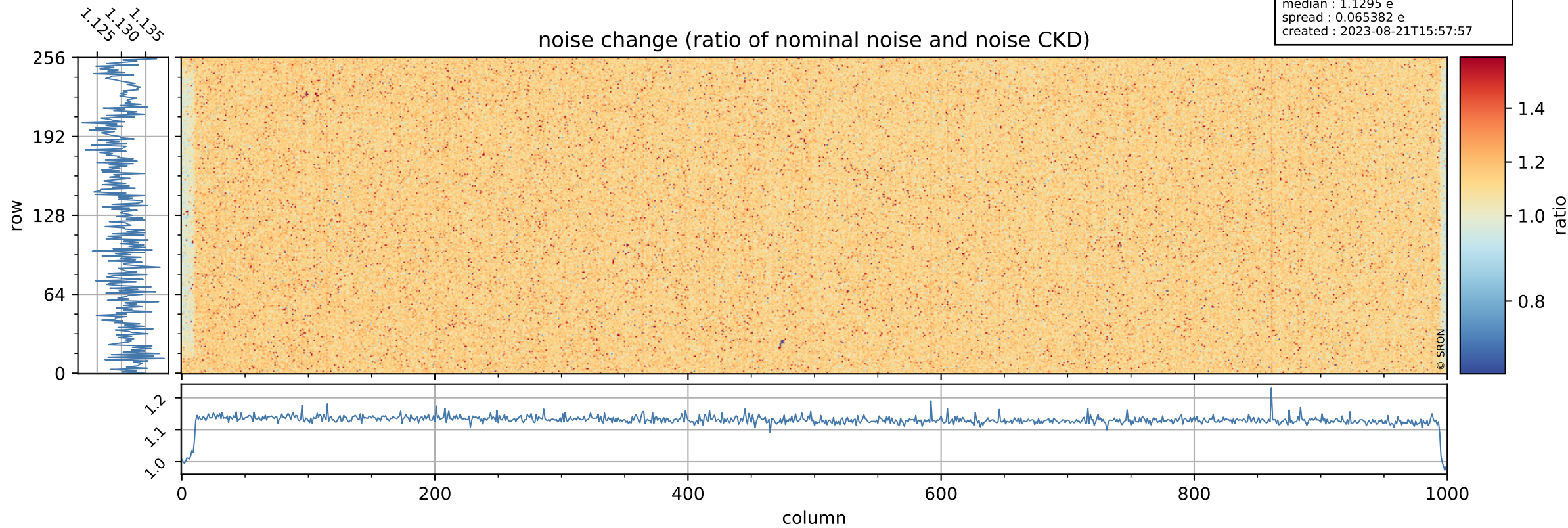
orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
median : 1.0023 e
spread : 0.0089437 e
created : 2023-08-21T15:57:57



Tropomi SWIR background noise (swir)

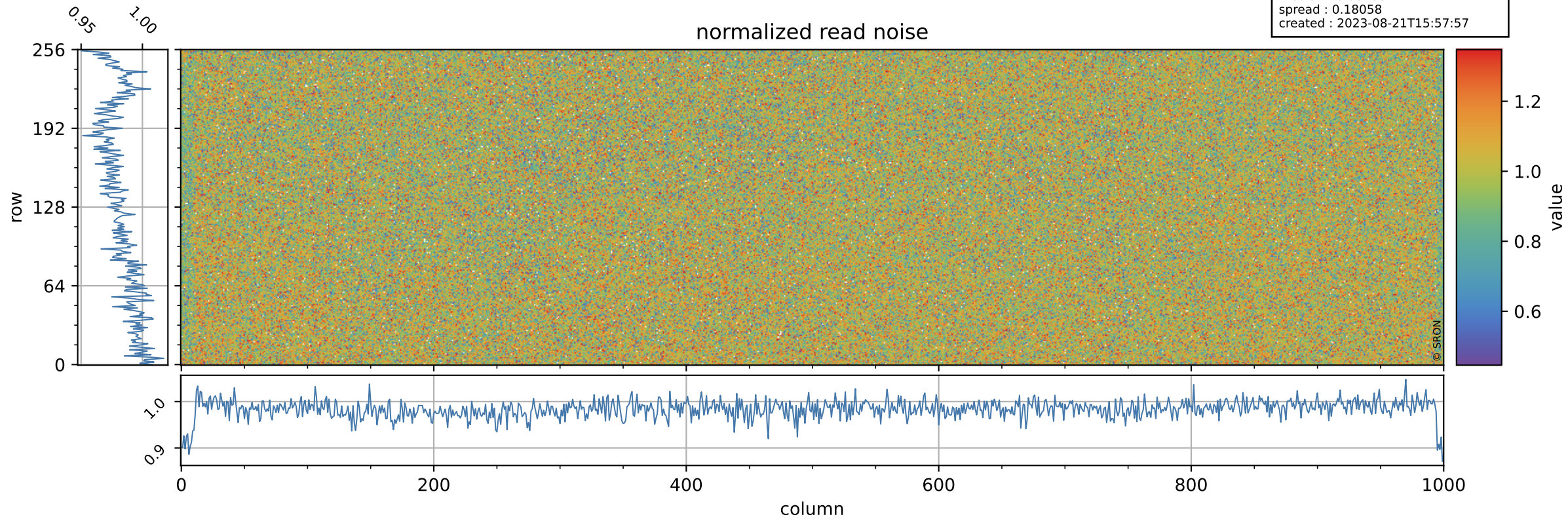
orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
median : 1.1295 e
spread : 0.065382 e
created : 2023-08-21T15:57:57

noise change (ratio of nominal noise and noise CKD)



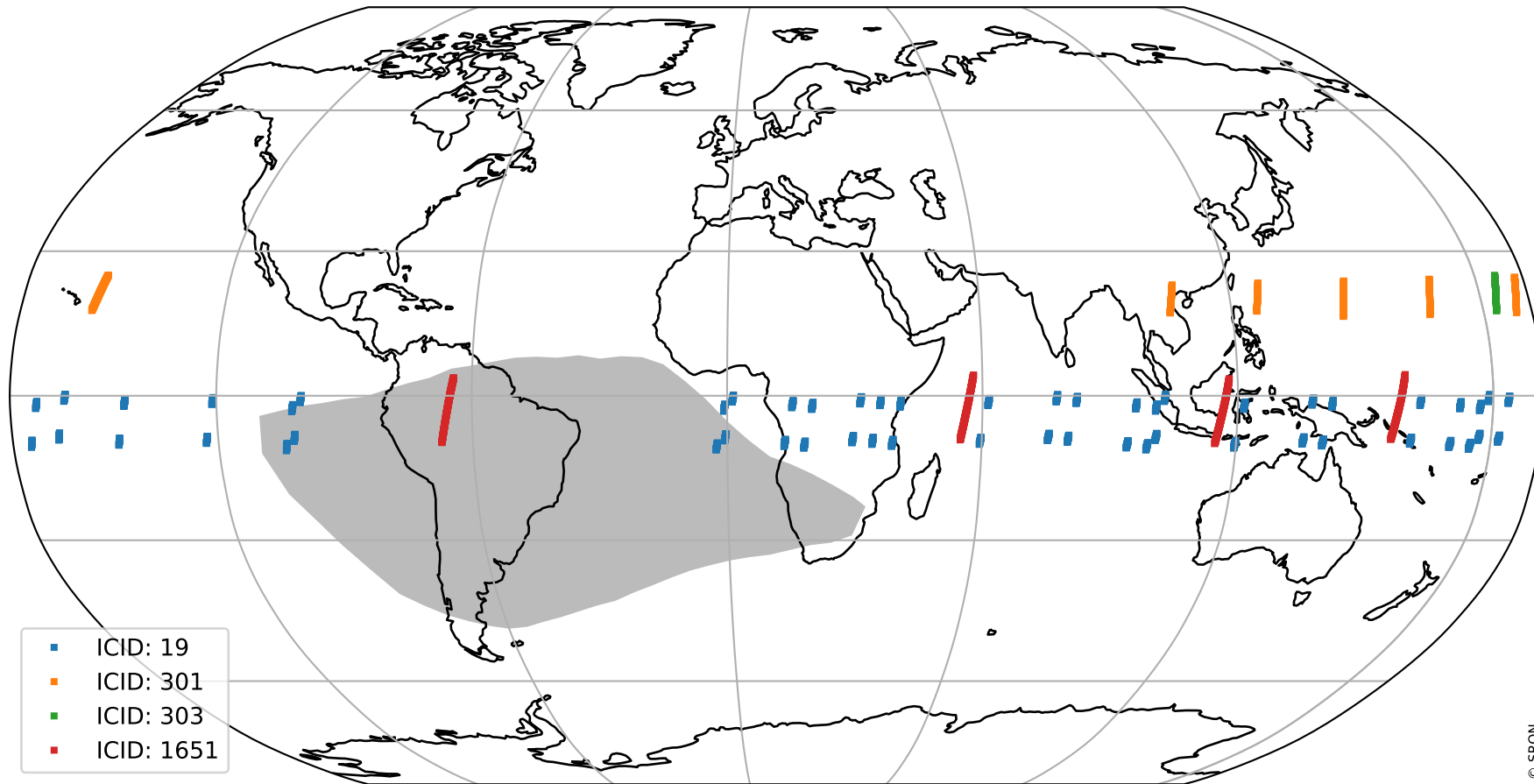
Tropomi SWIR background noise (swir)

orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
median : 0.98188
spread : 0.18058
created : 2023-08-21T15:57:57



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

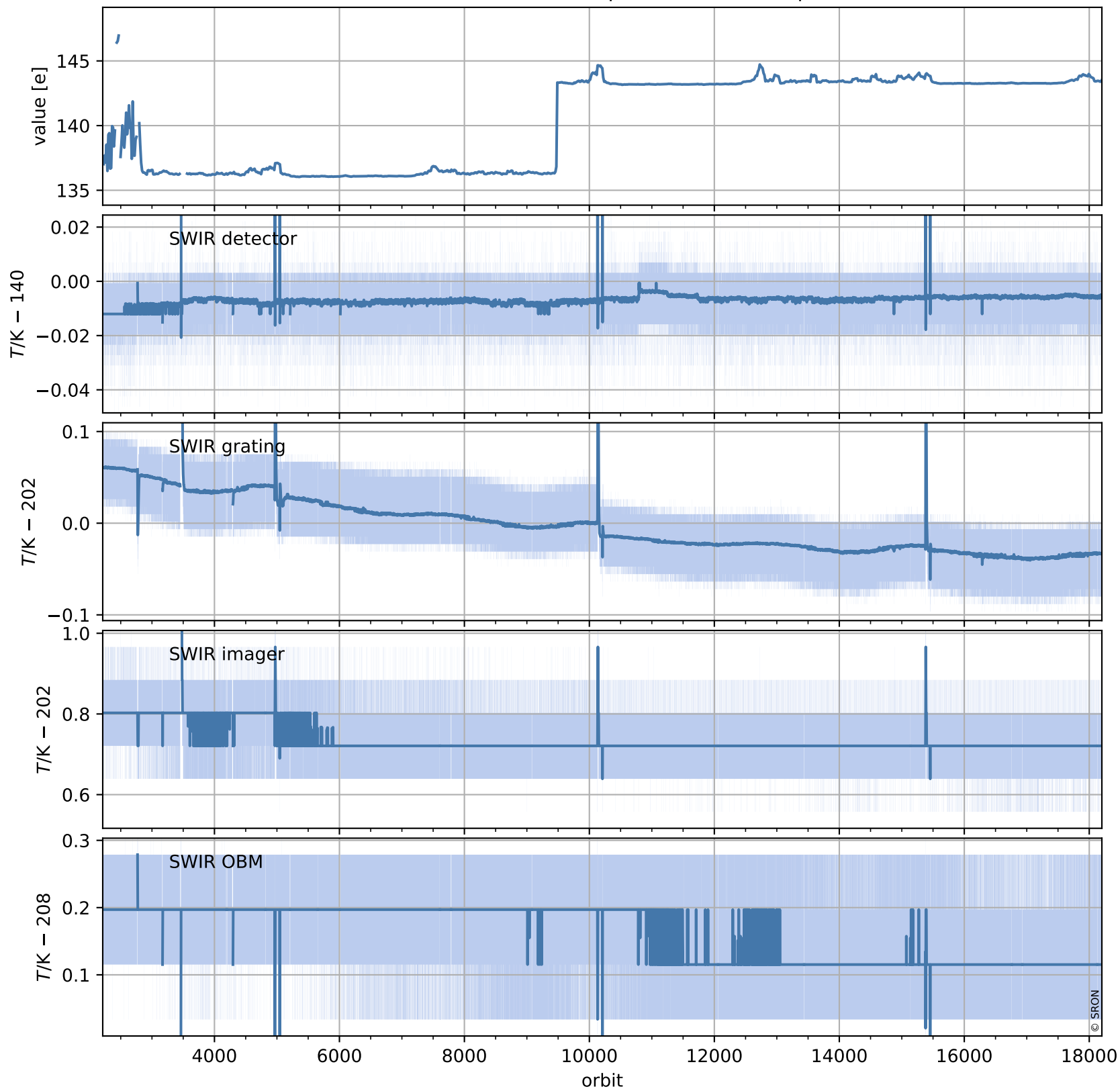
orbits : 11 in [18127, 18202]
coverage : 2021-04-12 / 2021-04-17
created : 2023-08-21T15:57:58



Tropomi SWIR background noise (swir)

orbits : [2212, 18202]
coverage : 2018-03-18 / 2021-04-17
created : 2023-08-21T15:57:58

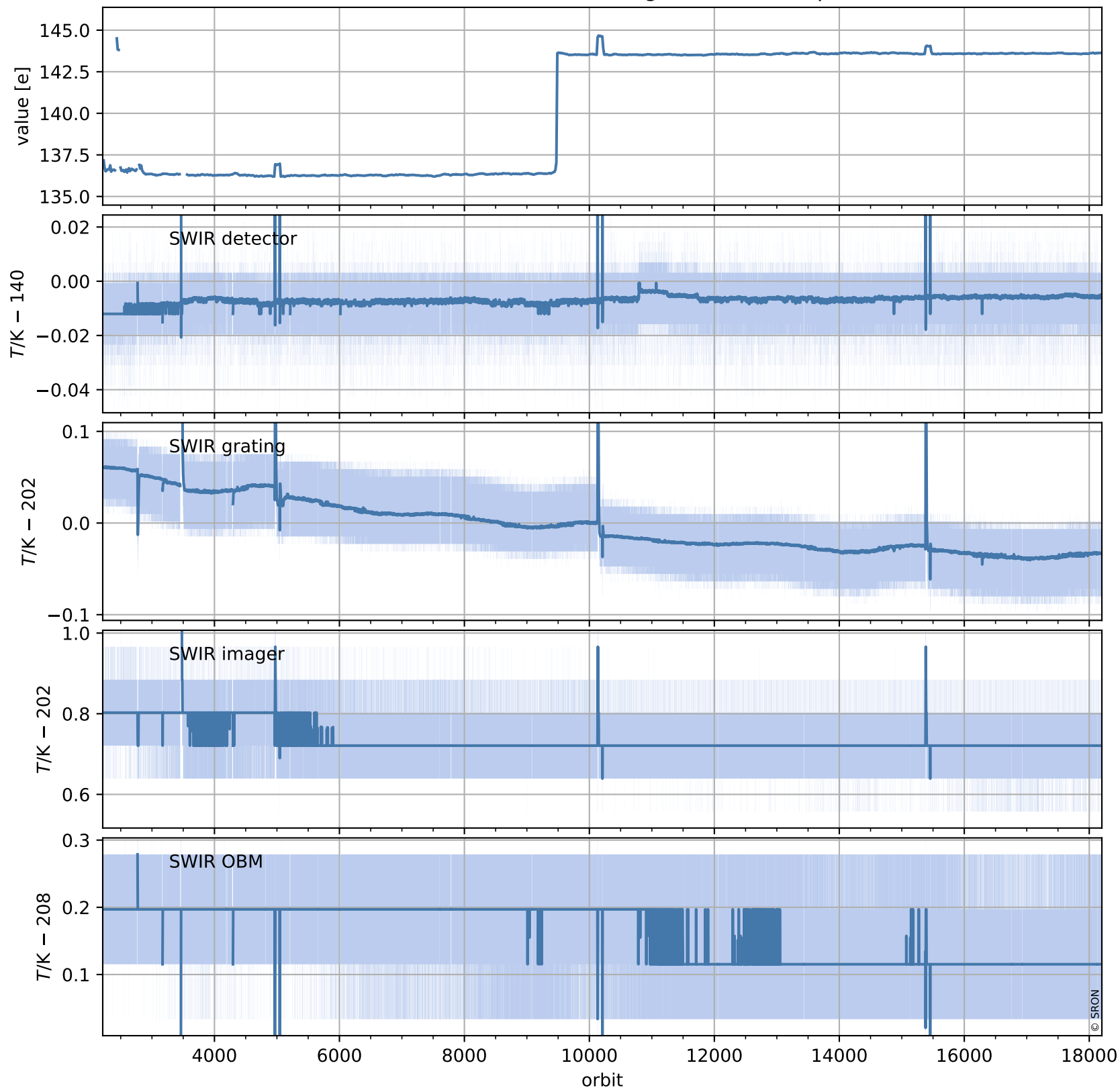
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18202]
coverage : 2018-03-18 / 2021-04-17
created : 2023-08-21T15:57:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18202]
coverage : 2018-03-18 / 2021-04-17
created : 2023-08-21T15:58:00

trend of normalized read-noise & temperatures

