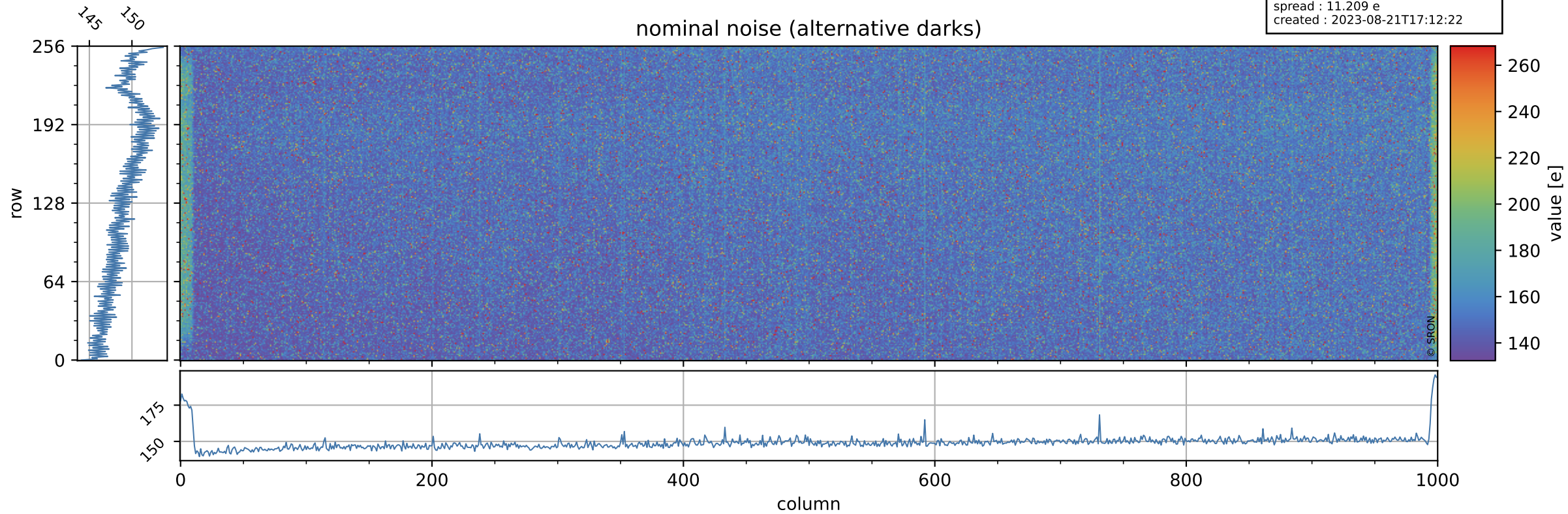


Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.209 e
created : 2023-08-21T17:12:22

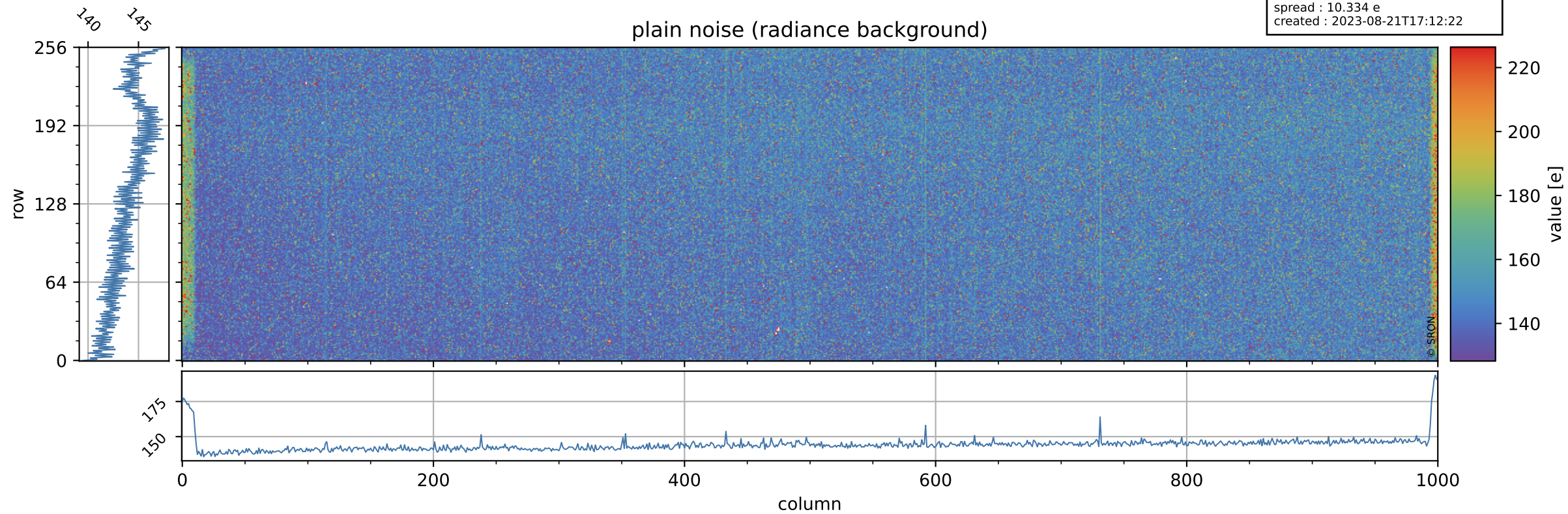
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 10.334 e
created : 2023-08-21T17:12:22

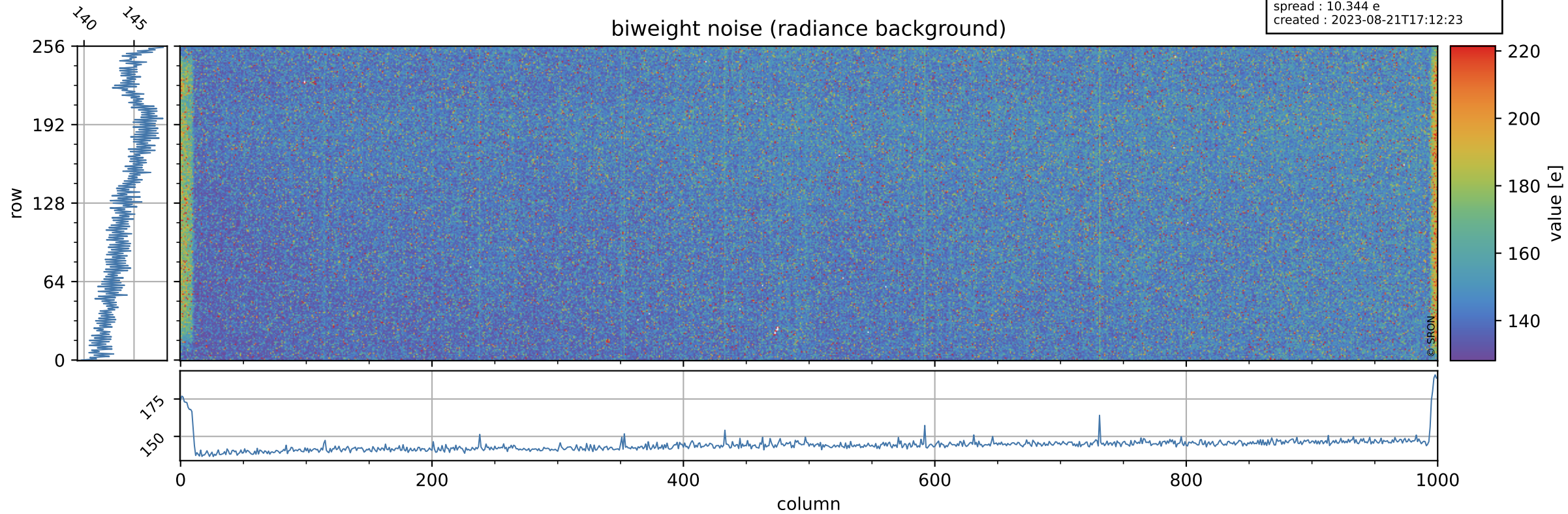
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
n_coad, t_exp : 1, 0.8383
median : 144.03 e
spread : 10.344 e
created : 2023-08-21T17:12:23

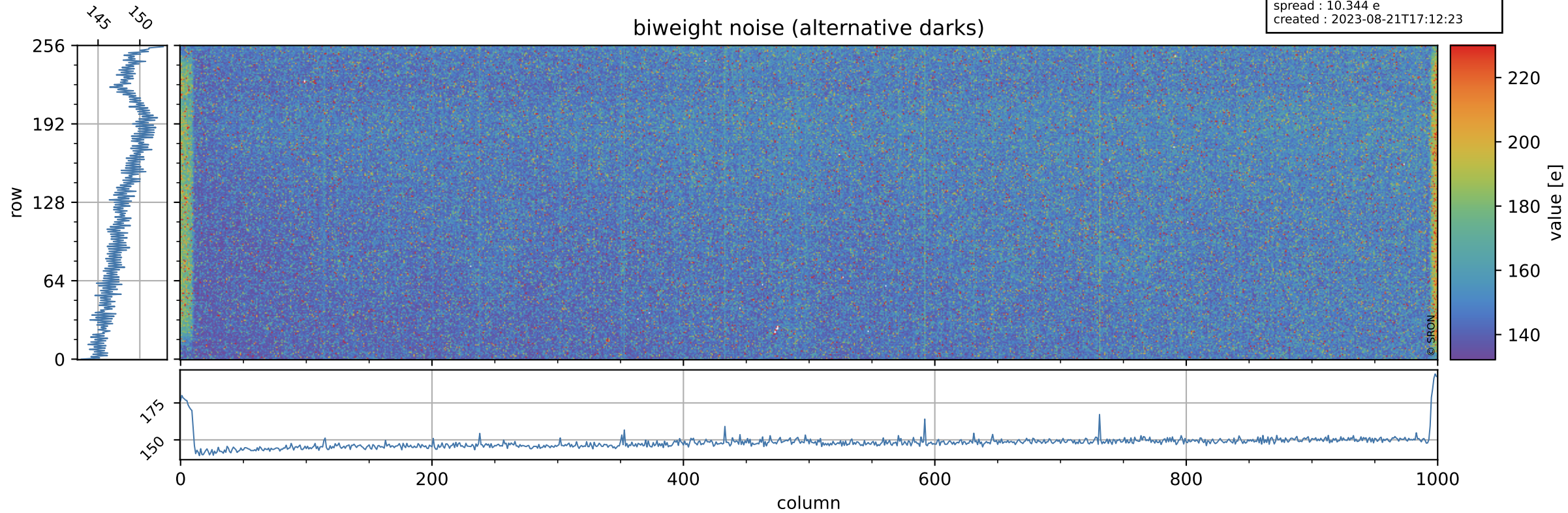
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
n_coad, t_exp : 1, 1.0783
median : 147.96 e
spread : 10.344 e
created : 2023-08-21T17:12:23

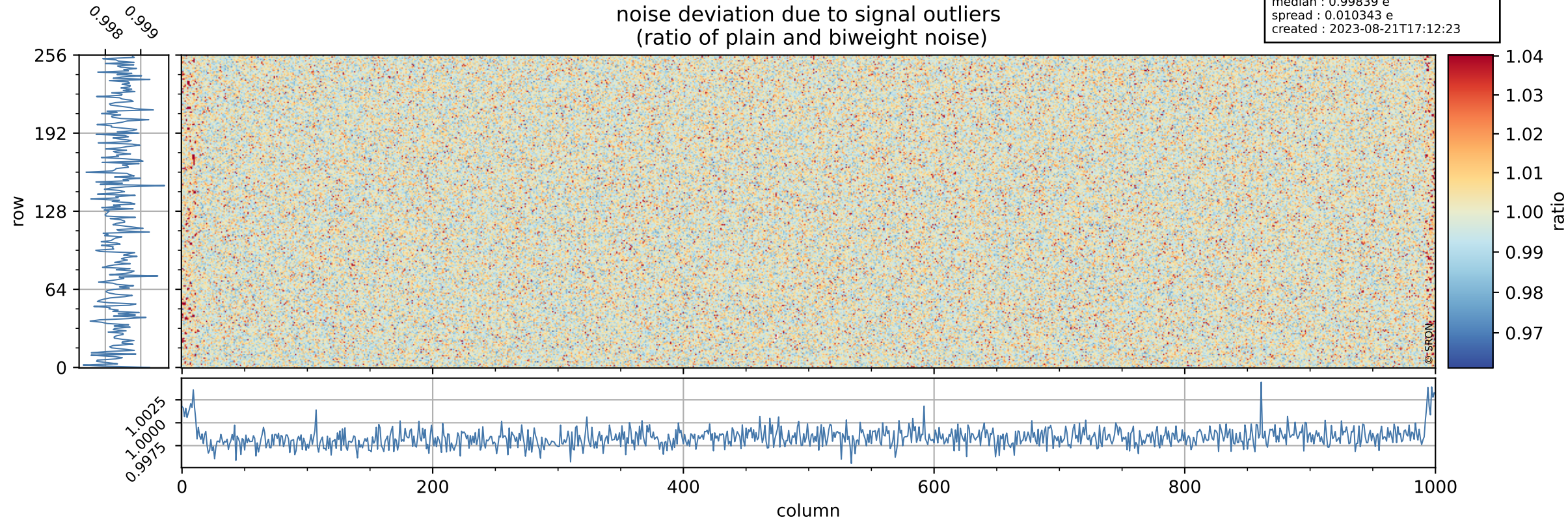
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

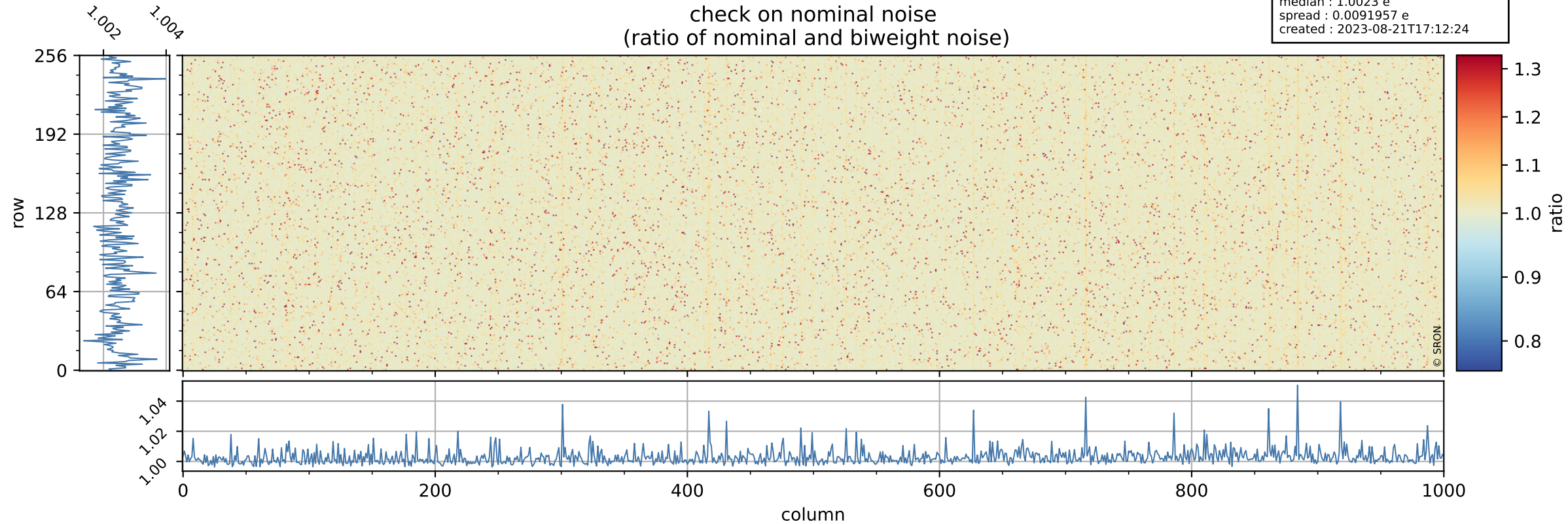
orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
median : 0.99839 e
spread : 0.010343 e
created : 2023-08-21T17:12:23



Tropomi SWIR background noise (swir)

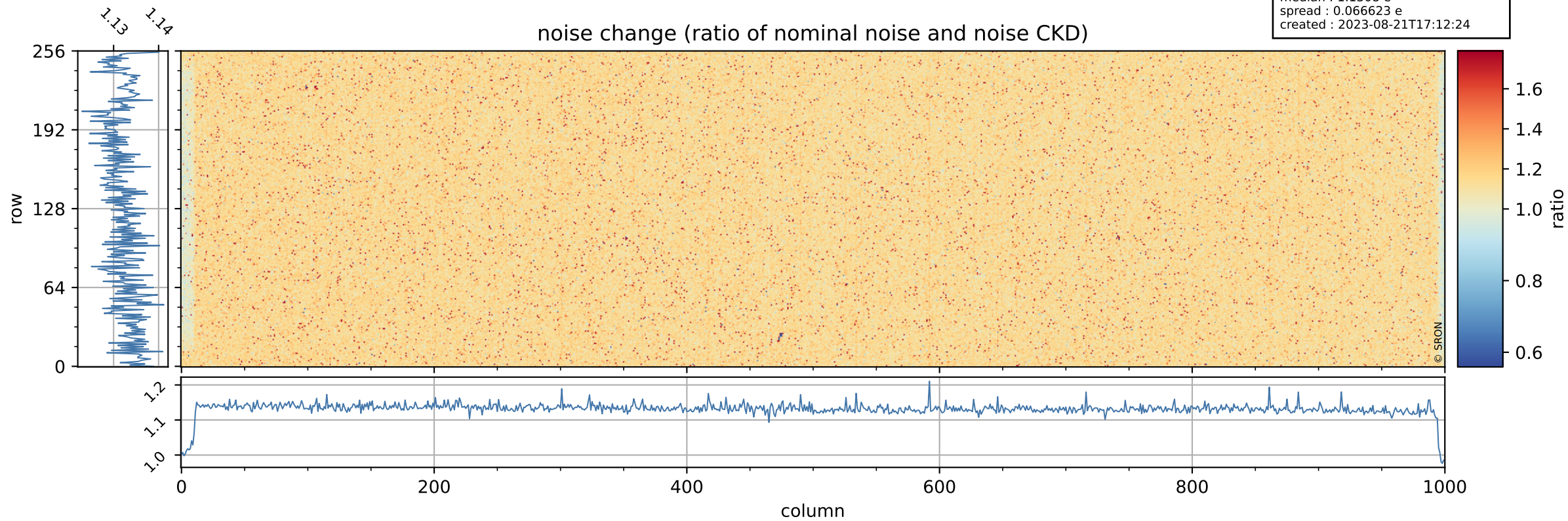
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
median : 1.0023 e
spread : 0.0091957 e
created : 2023-08-21T17:12:24



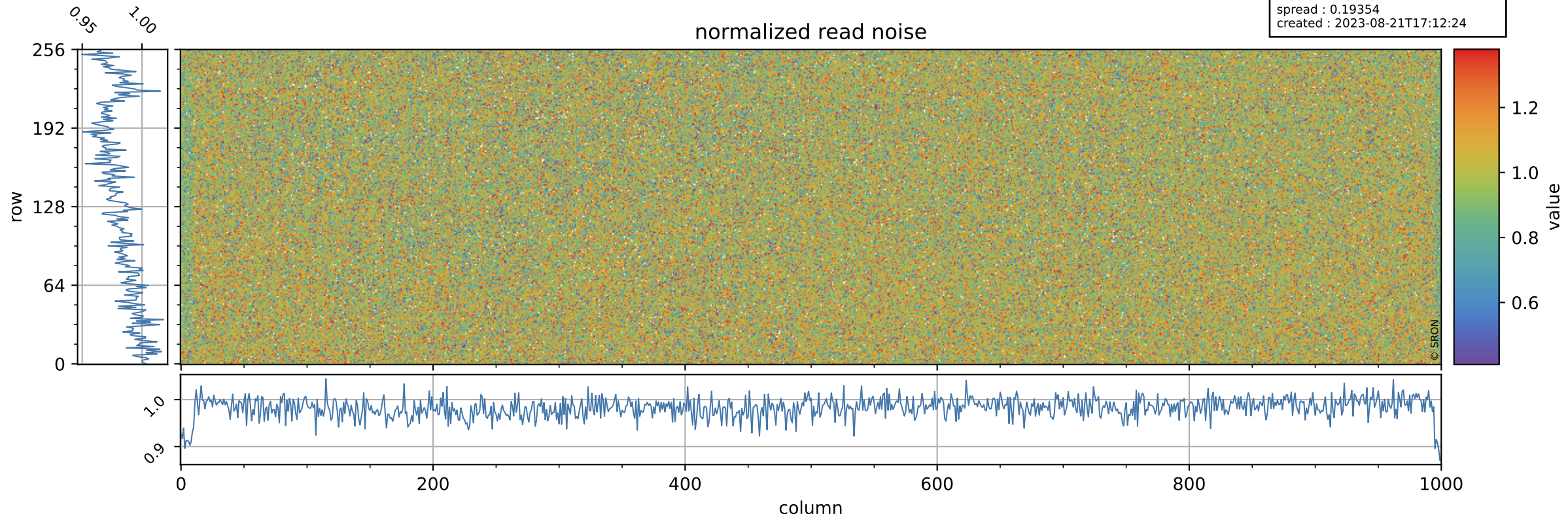
Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
median : 1.1308 e
spread : 0.066623 e
created : 2023-08-21T17:12:24



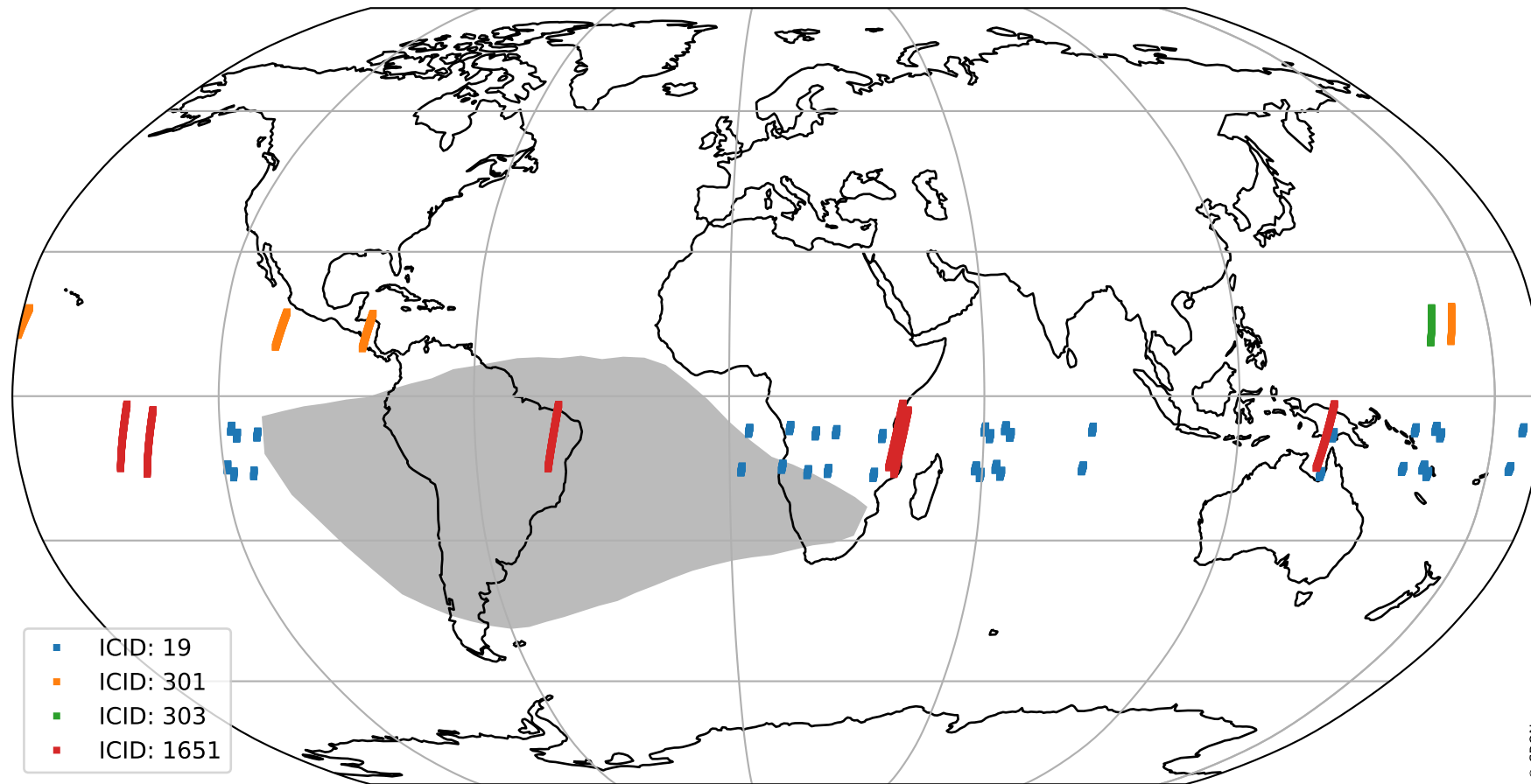
Tropomi SWIR background noise (swir)

orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
median : 0.98097
spread : 0.19354
created : 2023-08-21T17:12:24



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

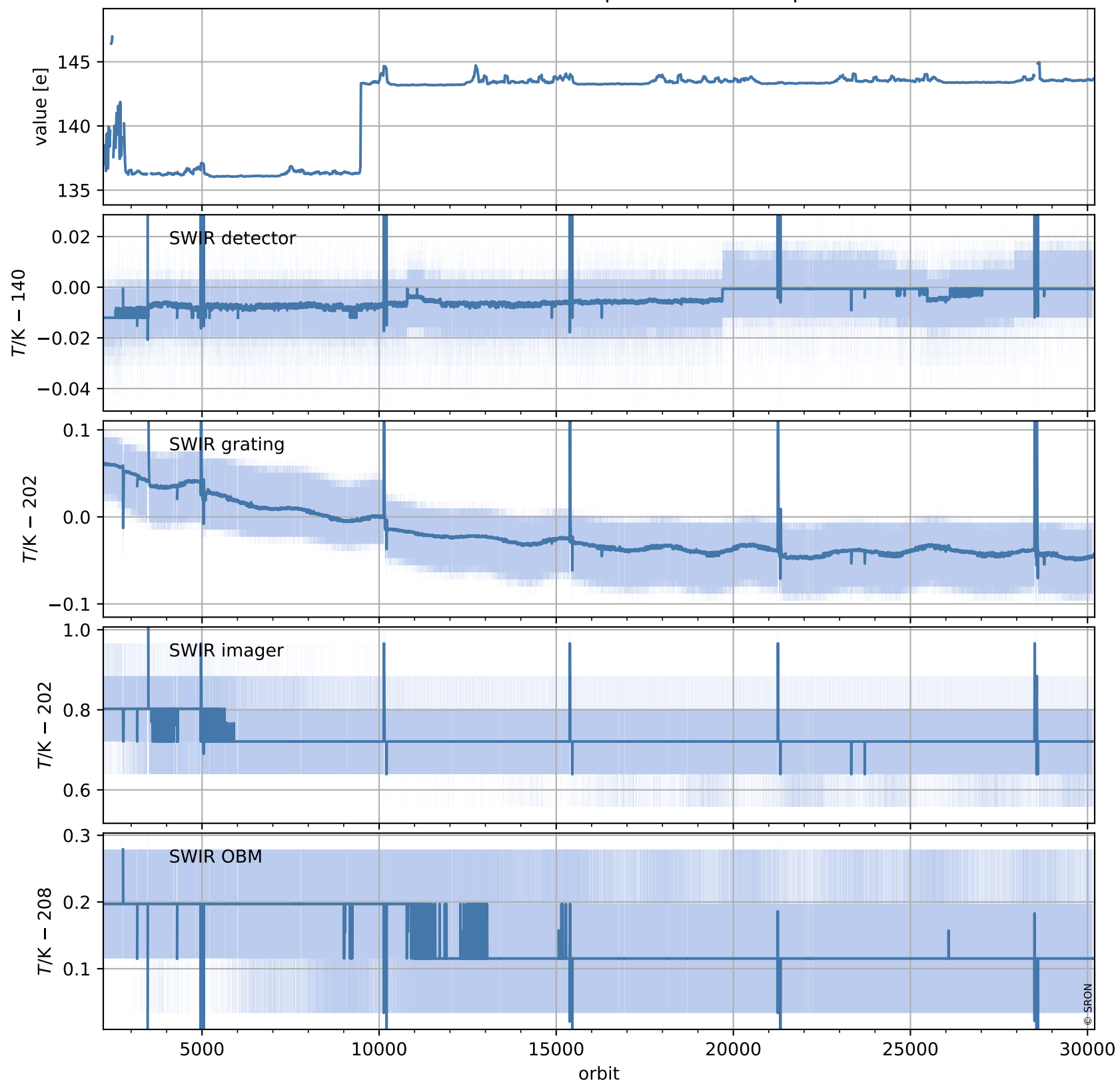
orbits : 11 in [30112, 30202]
coverage : 2023-08-06 / 2023-08-11
created : 2023-08-21T17:12:25



Tropomi SWIR background noise (swir)

orbits : [2212, 30202]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:25

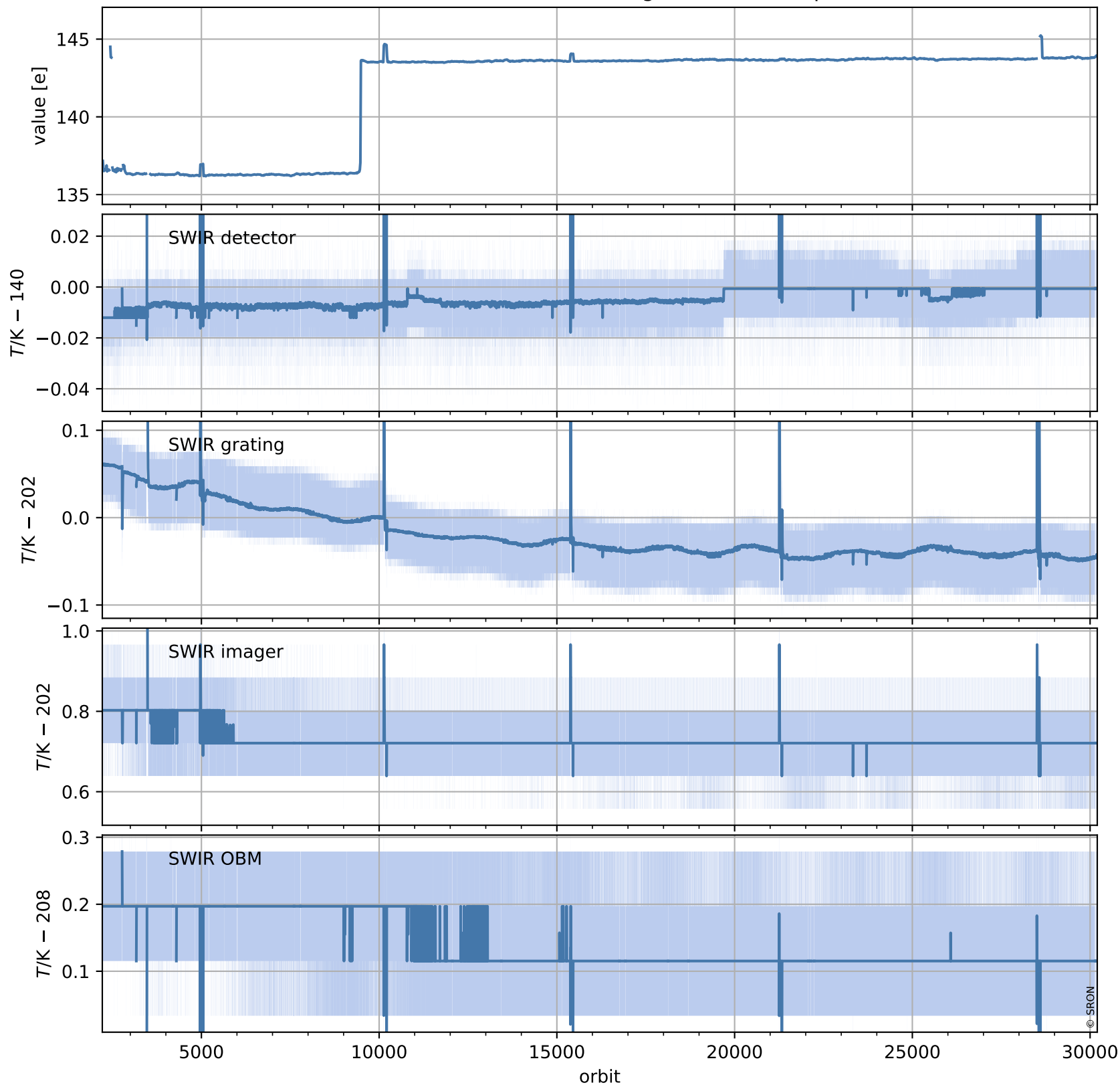
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30202]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30202]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:27

trend of normalized read-noise & temperatures

