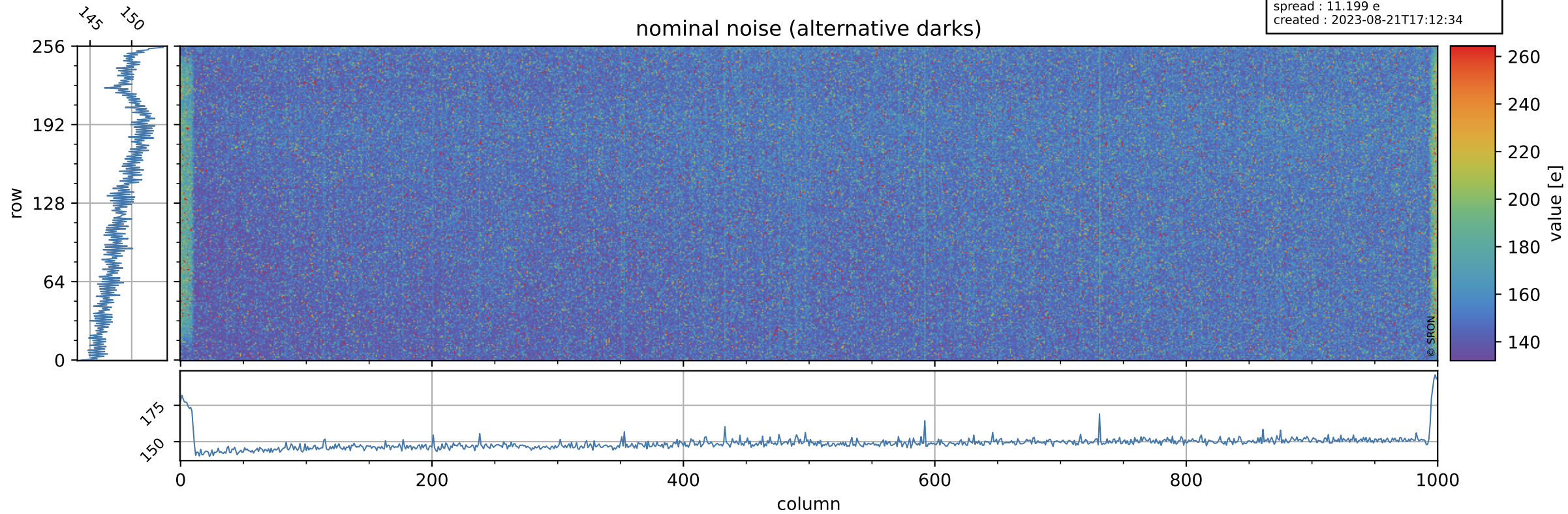


Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 11.199 e
created : 2023-08-21T17:12:34

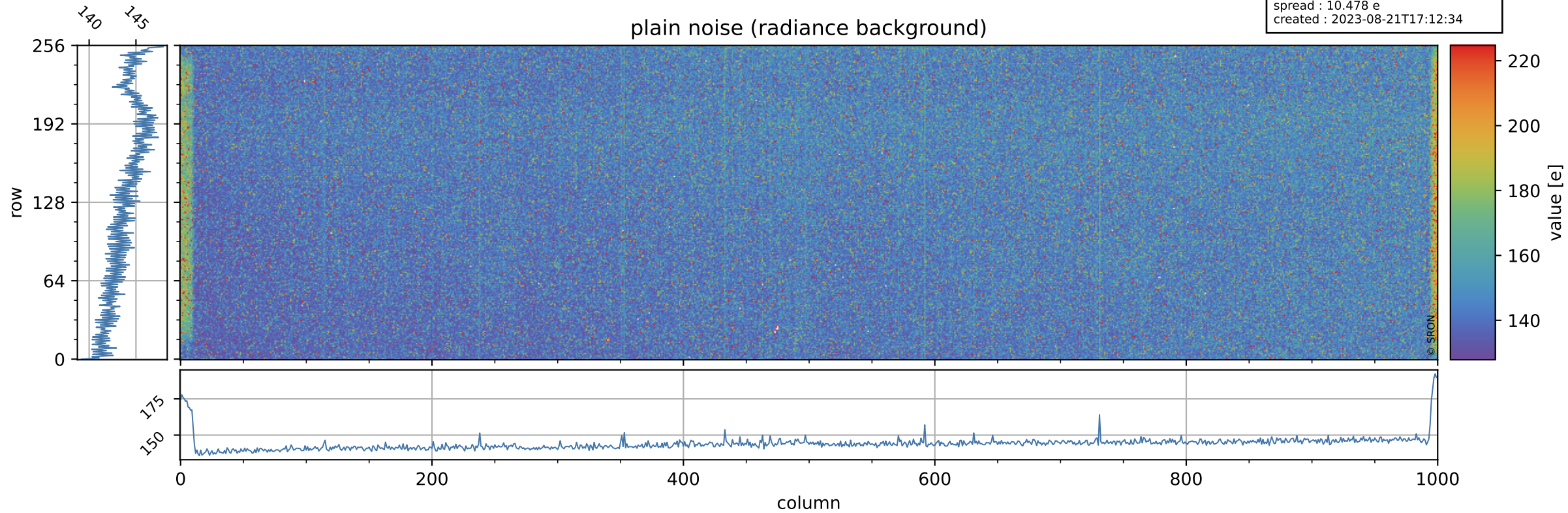
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.478 e
created : 2023-08-21T17:12:34

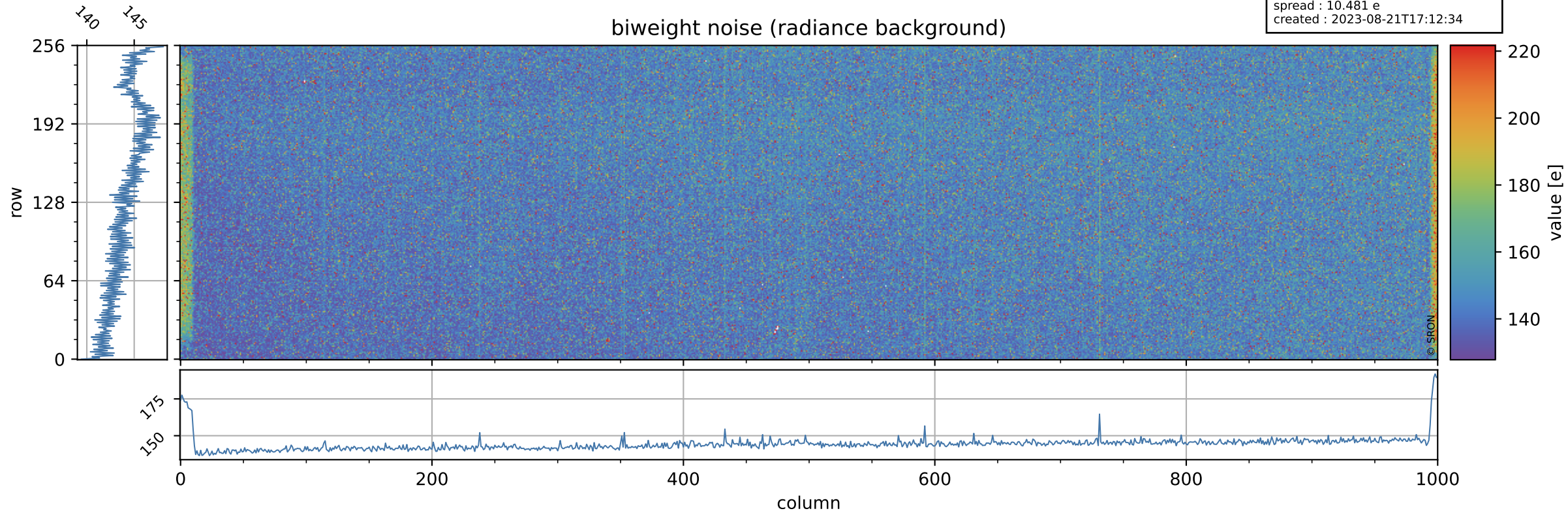
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
n_coad, t_exp : 1, 0.8383
median : 144.04 e
spread : 10.481 e
created : 2023-08-21T17:12:34

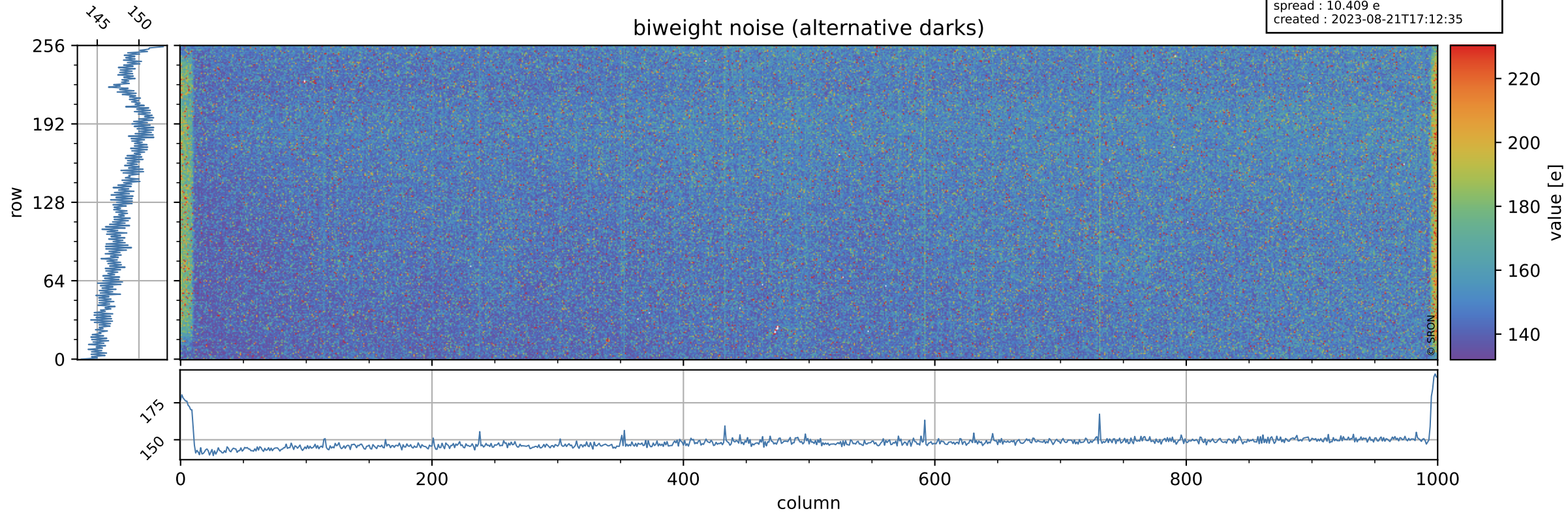
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
n_coad, t_exp : 1, 1.0783
median : 147.96 e
spread : 10.409 e
created : 2023-08-21T17:12:35

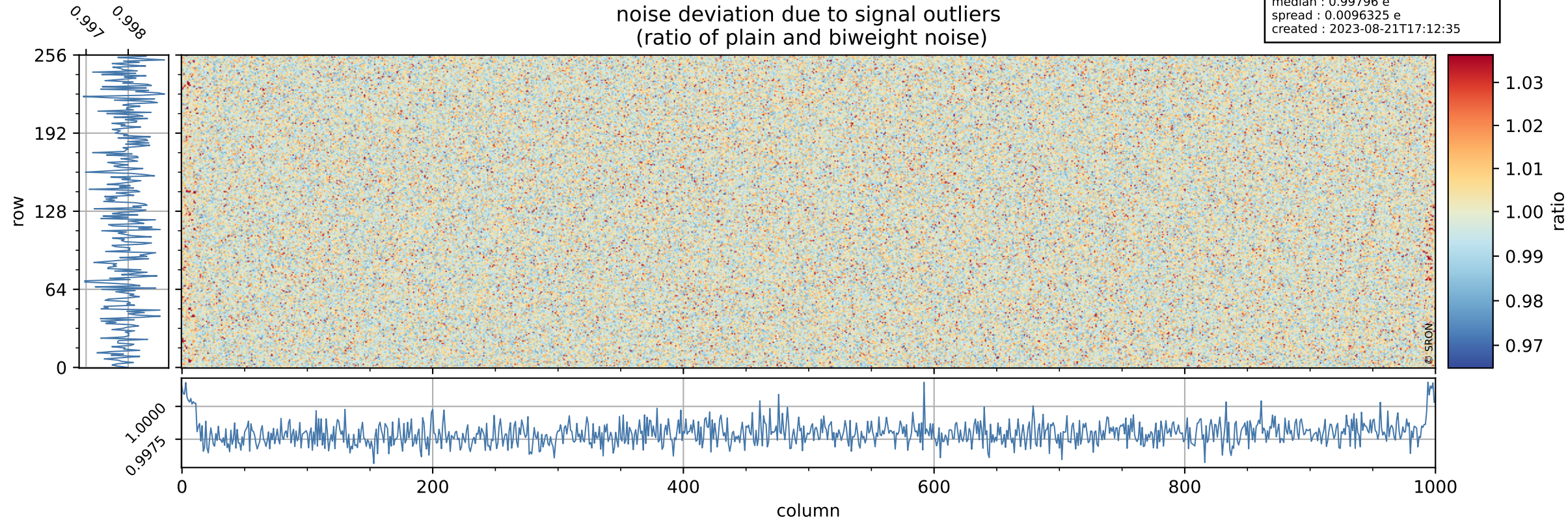
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

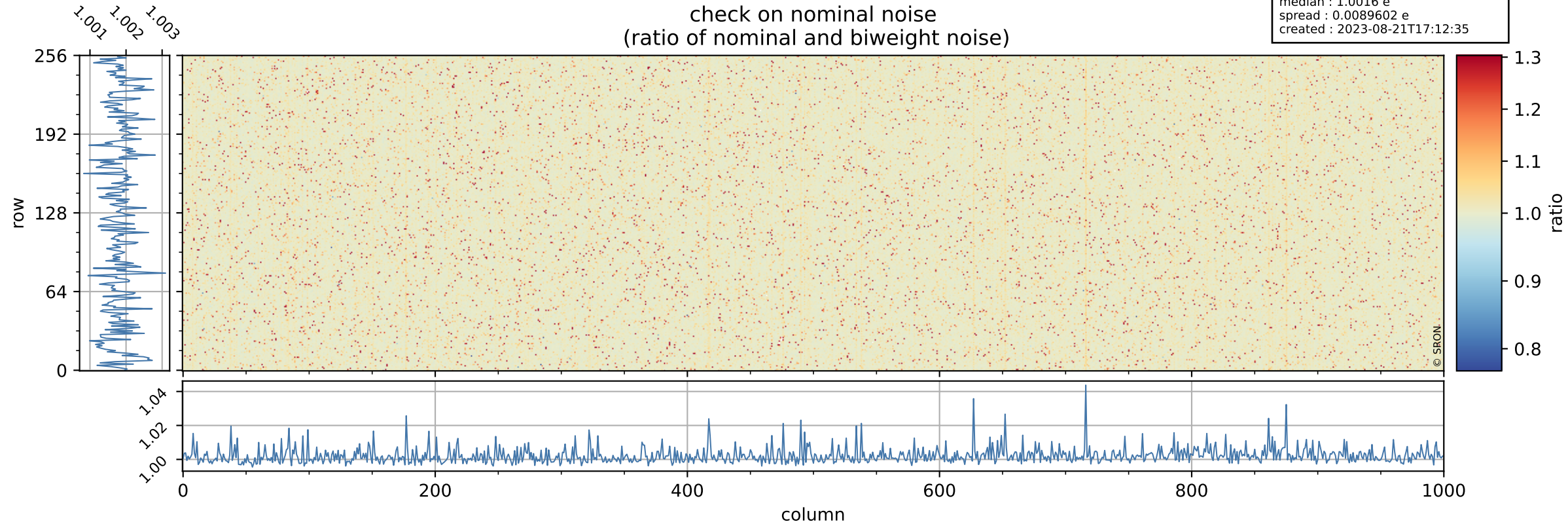
orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
median : 0.99796 e
spread : 0.0096325 e
created : 2023-08-21T17:12:35



Tropomi SWIR background noise (swir)

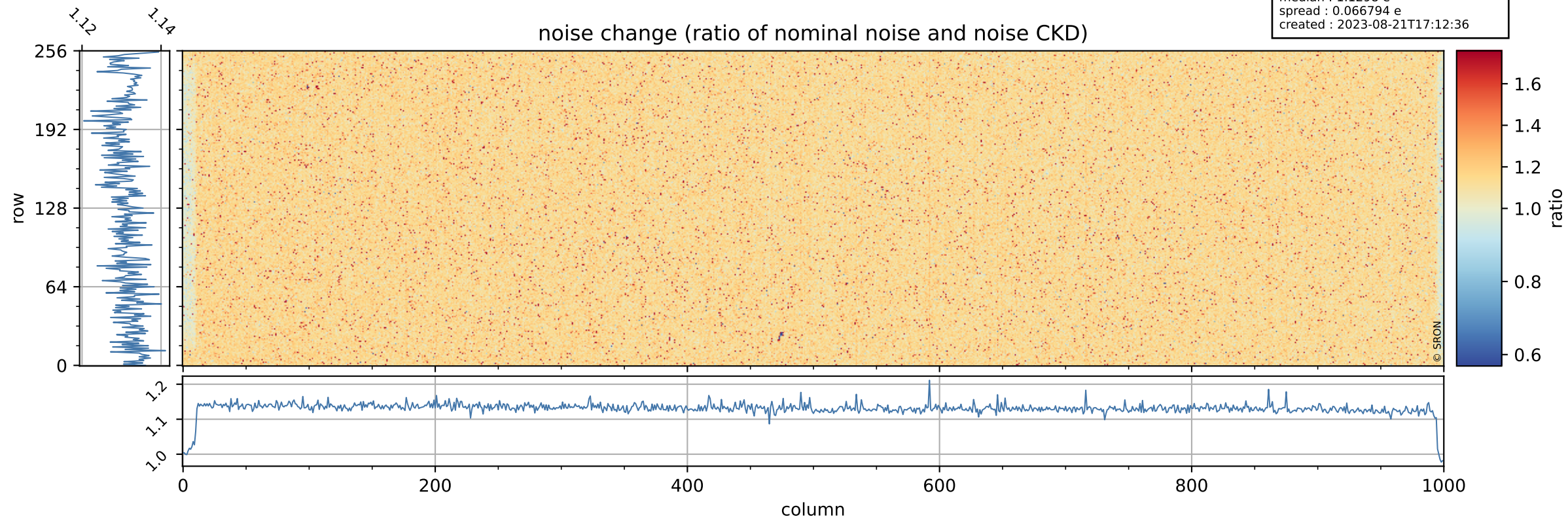
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
median : 1.0016 e
spread : 0.0089602 e
created : 2023-08-21T17:12:35



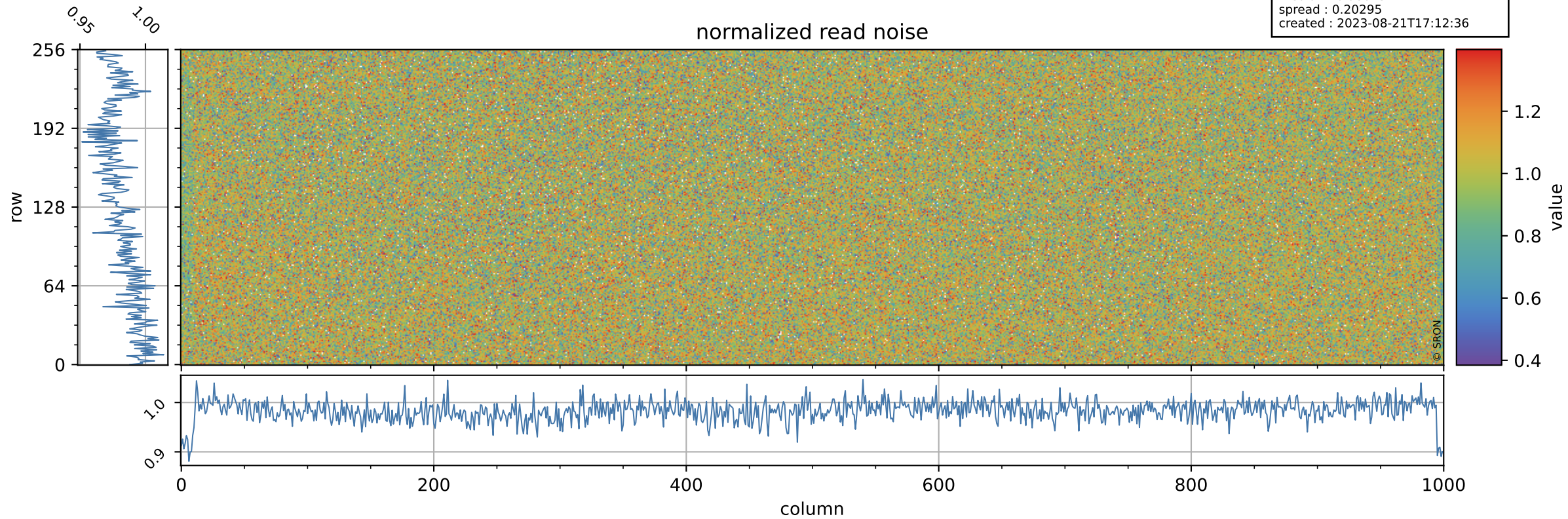
Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
median : 1.1298 e
spread : 0.066794 e
created : 2023-08-21T17:12:36



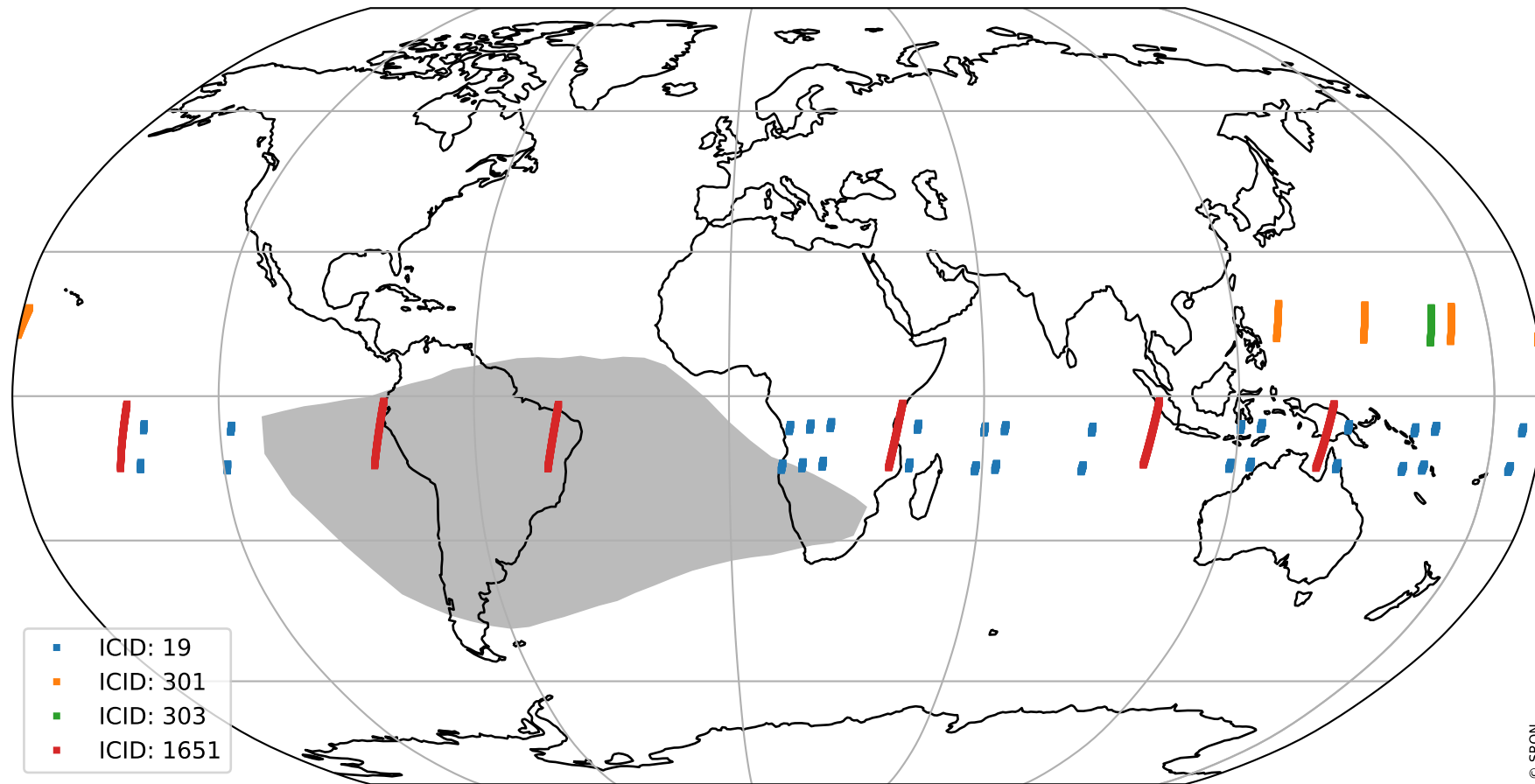
Tropomi SWIR background noise (swir)

orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
median : 0.98075
spread : 0.20295
created : 2023-08-21T17:12:36



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

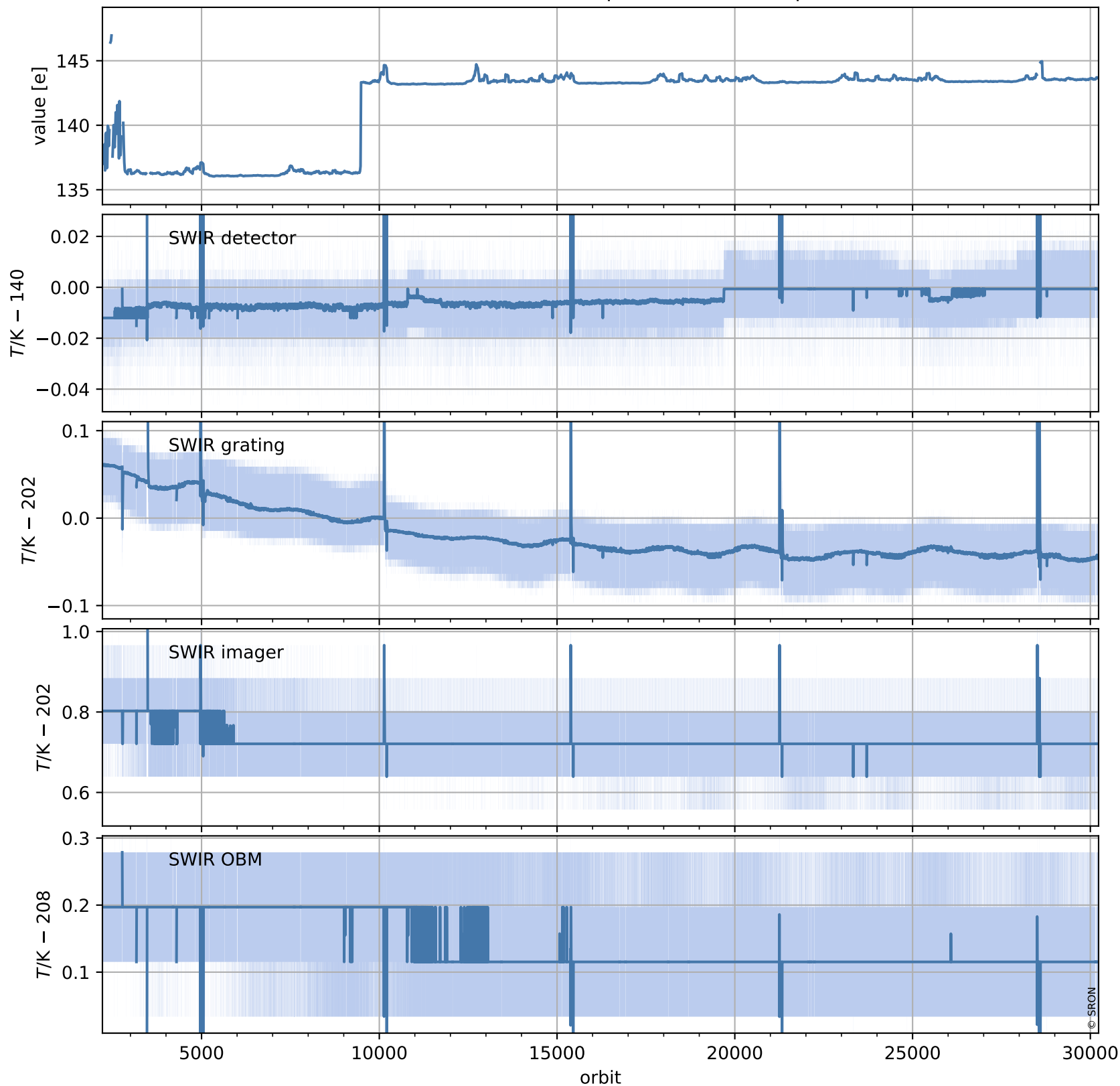
orbits : 11 in [30172, 30232]
coverage : 2023-08-10 / 2023-08-13
created : 2023-08-21T17:12:36



Tropomi SWIR background noise (swir)

orbits : [2212, 30232]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:36

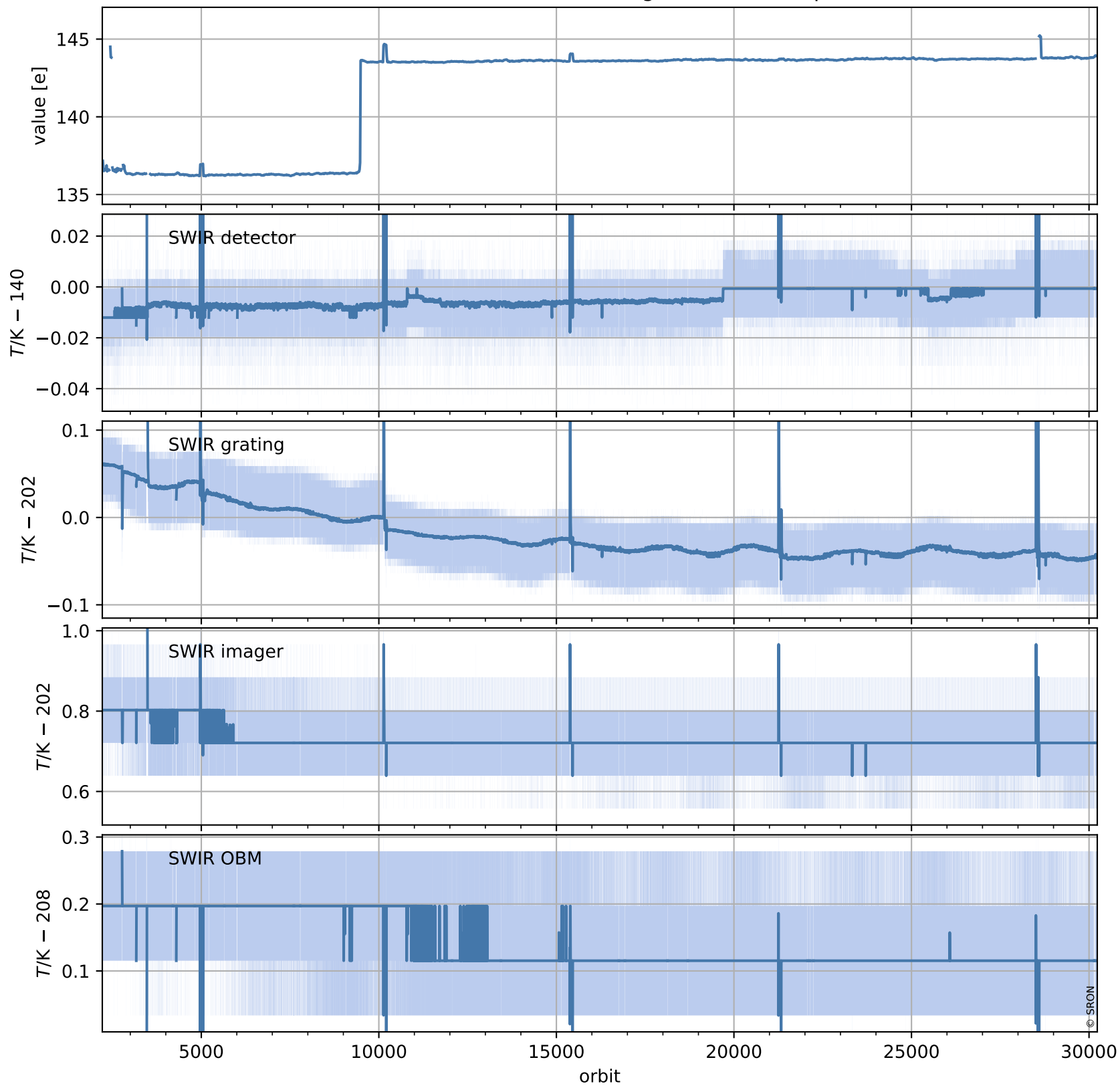
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30232]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30232]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:38

trend of normalized read-noise & temperatures

