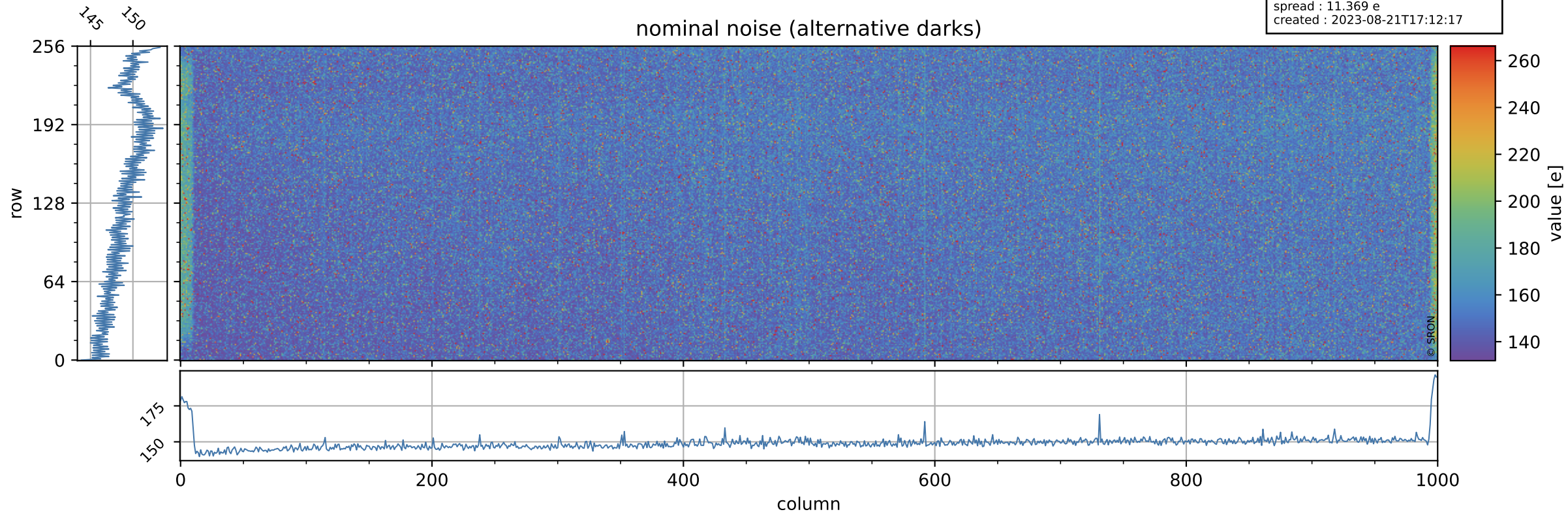


Tropomi SWIR background noise (swir)

orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.369 e
created : 2023-08-21T17:12:17

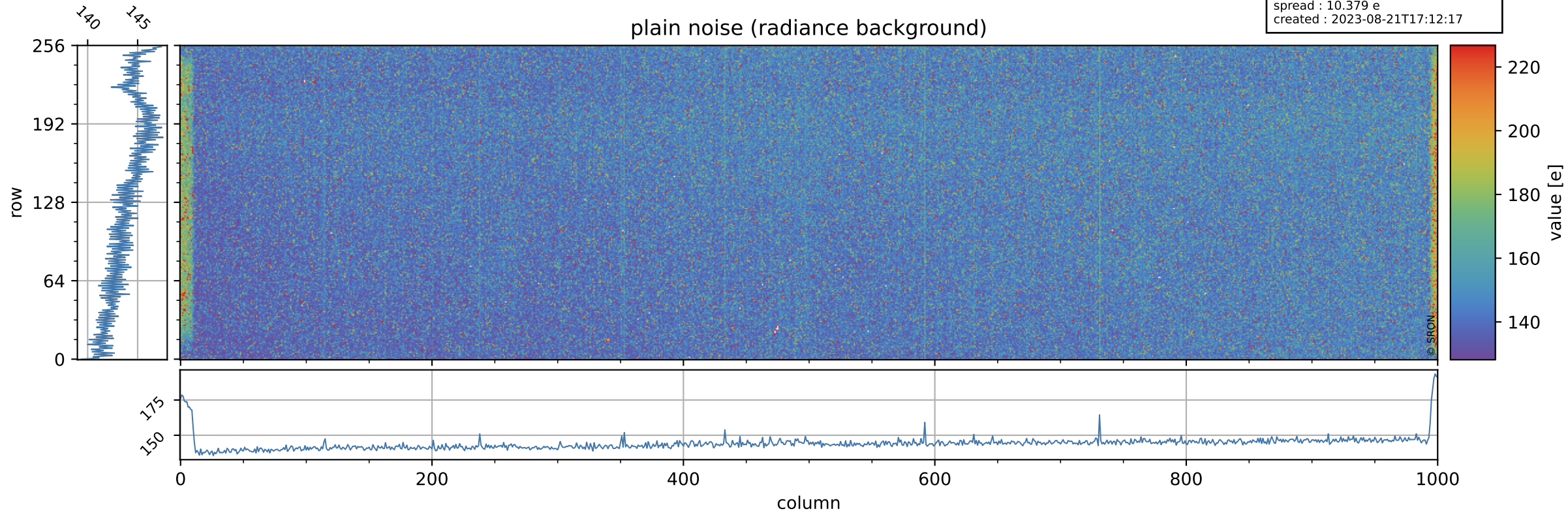
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.379 e
created : 2023-08-21T17:12:17

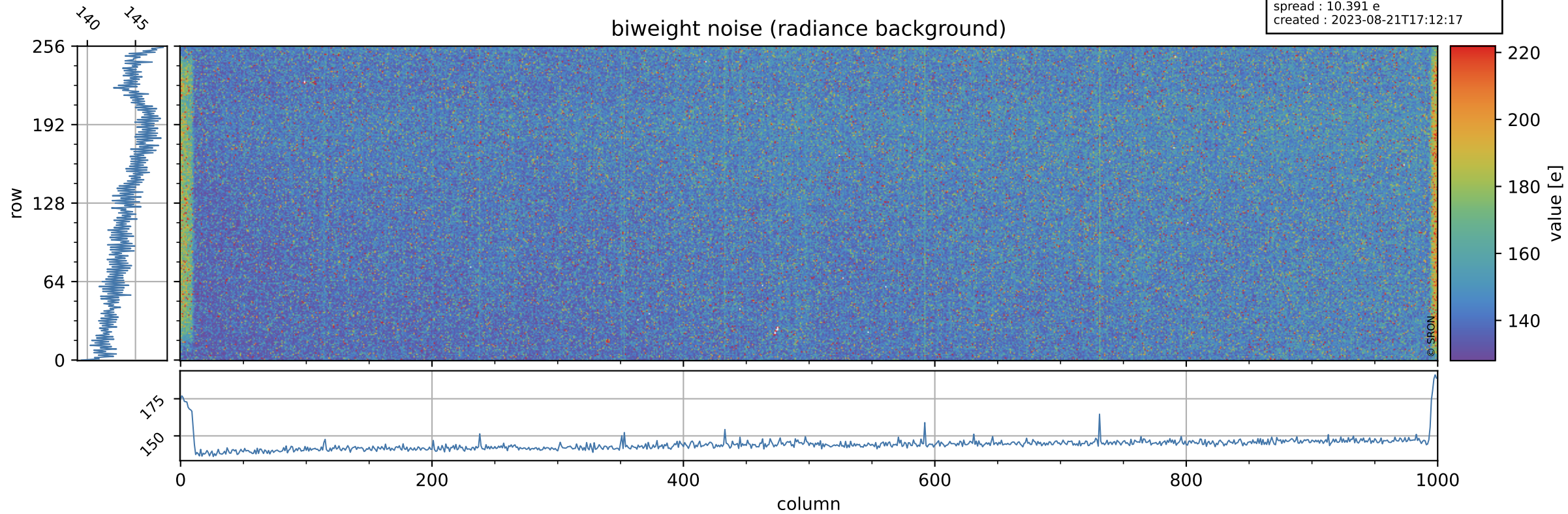
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
n_coad, t_exp : 1, 0.8383
median : 144.07 e
spread : 10.391 e
created : 2023-08-21T17:12:17

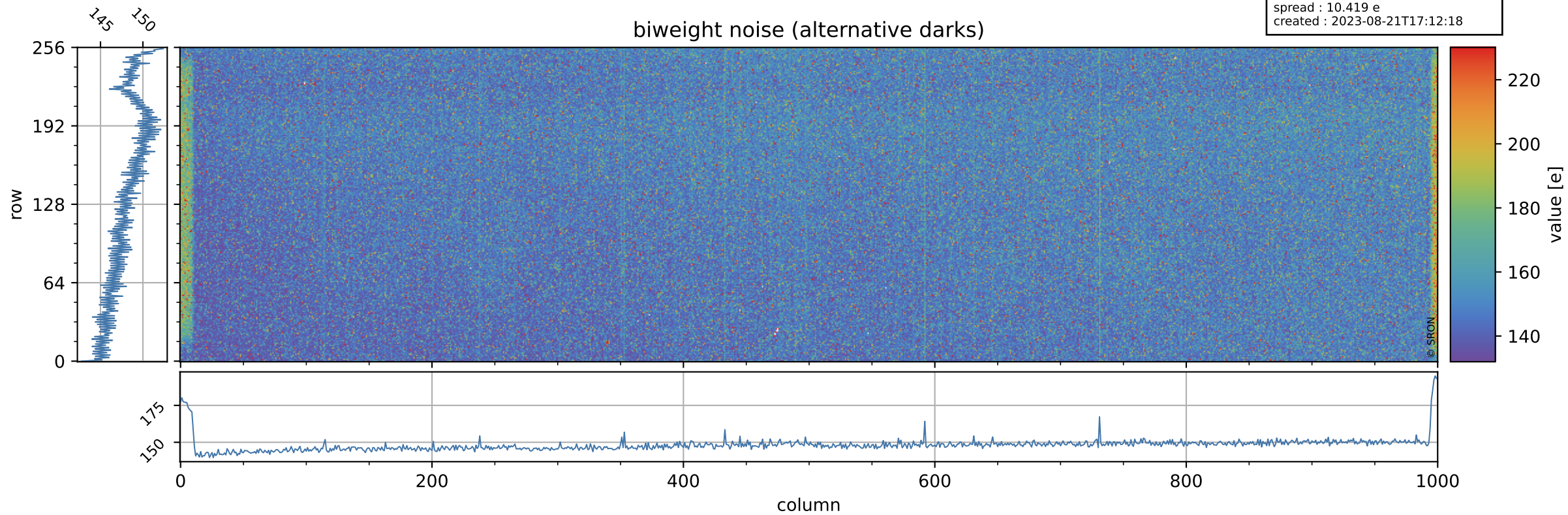
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
n_coad, t_exp : 1, 1.0783
median : 147.95 e
spread : 10.419 e
created : 2023-08-21T17:12:18

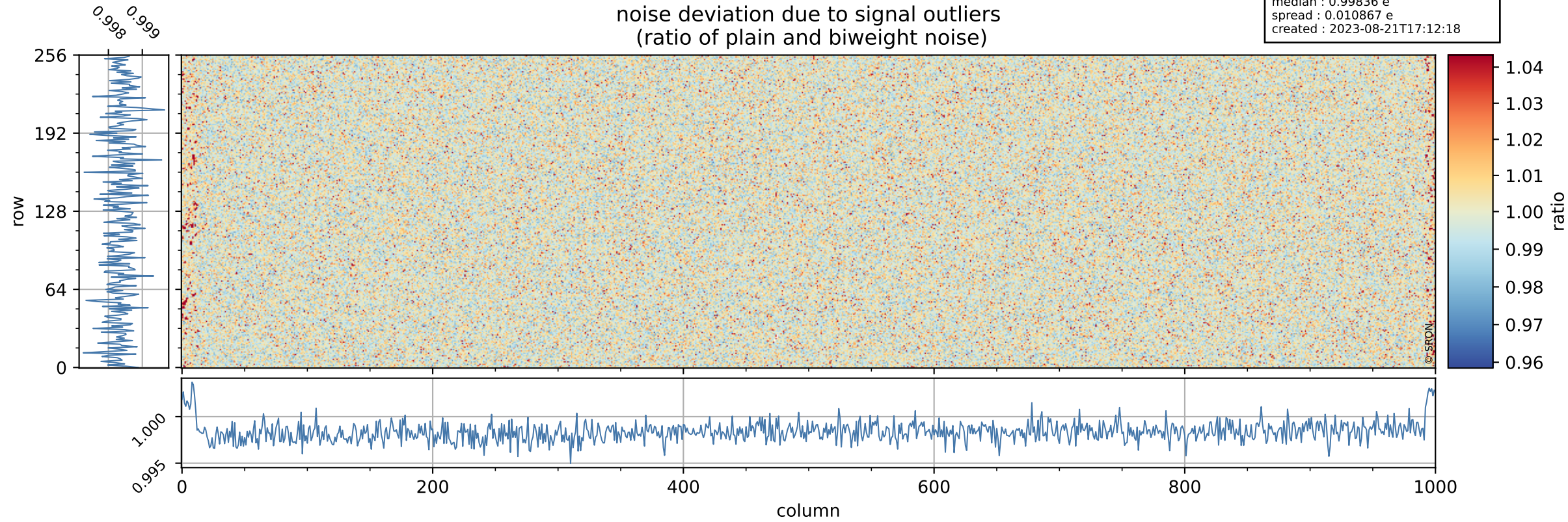
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

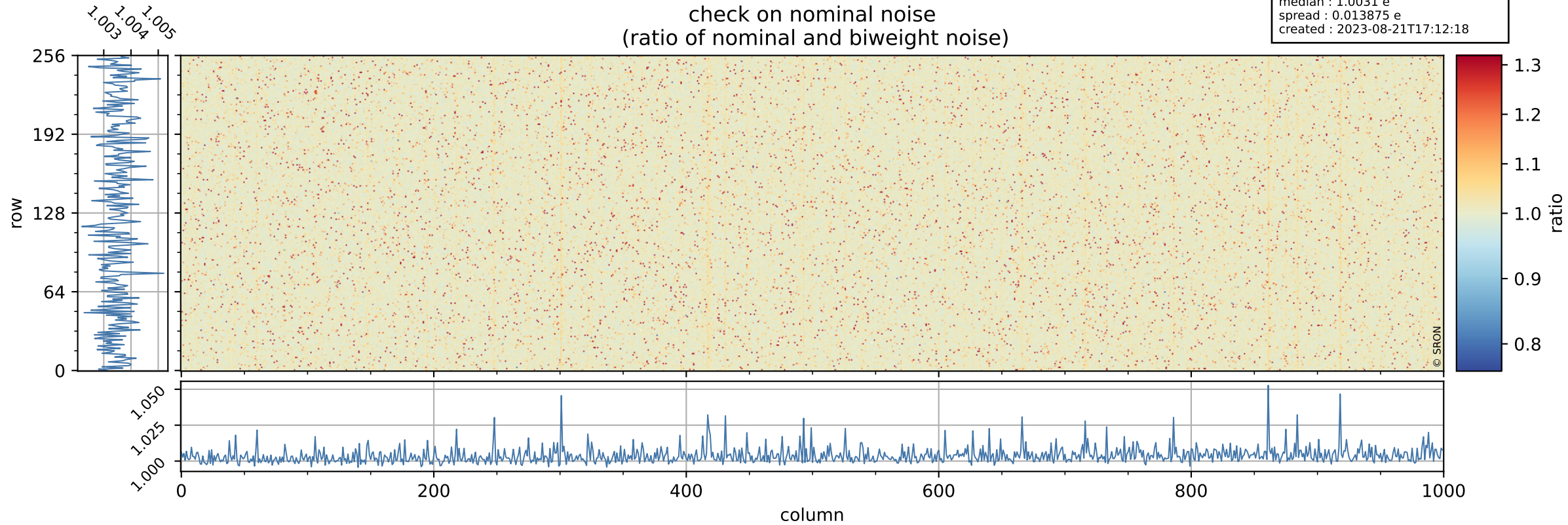
orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
median : 0.99836 e
spread : 0.010867 e
created : 2023-08-21T17:12:18



Tropomi SWIR background noise (swir)

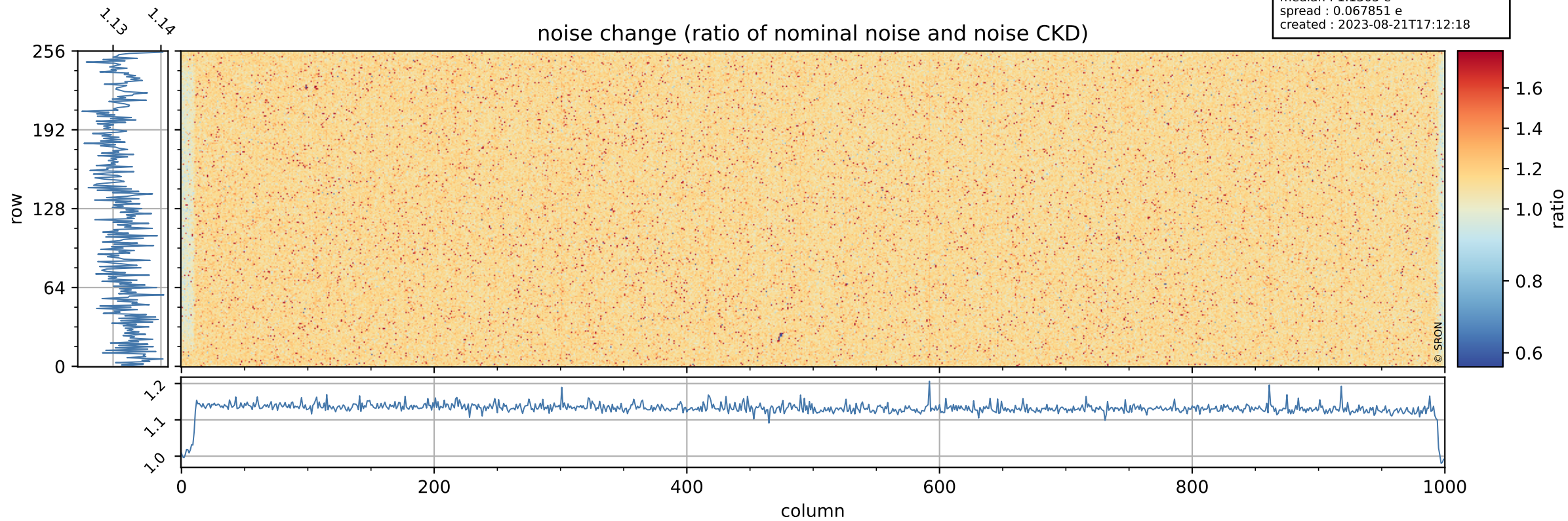
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
median : 1.0031 e
spread : 0.013875 e
created : 2023-08-21T17:12:18



Tropomi SWIR background noise (swir)

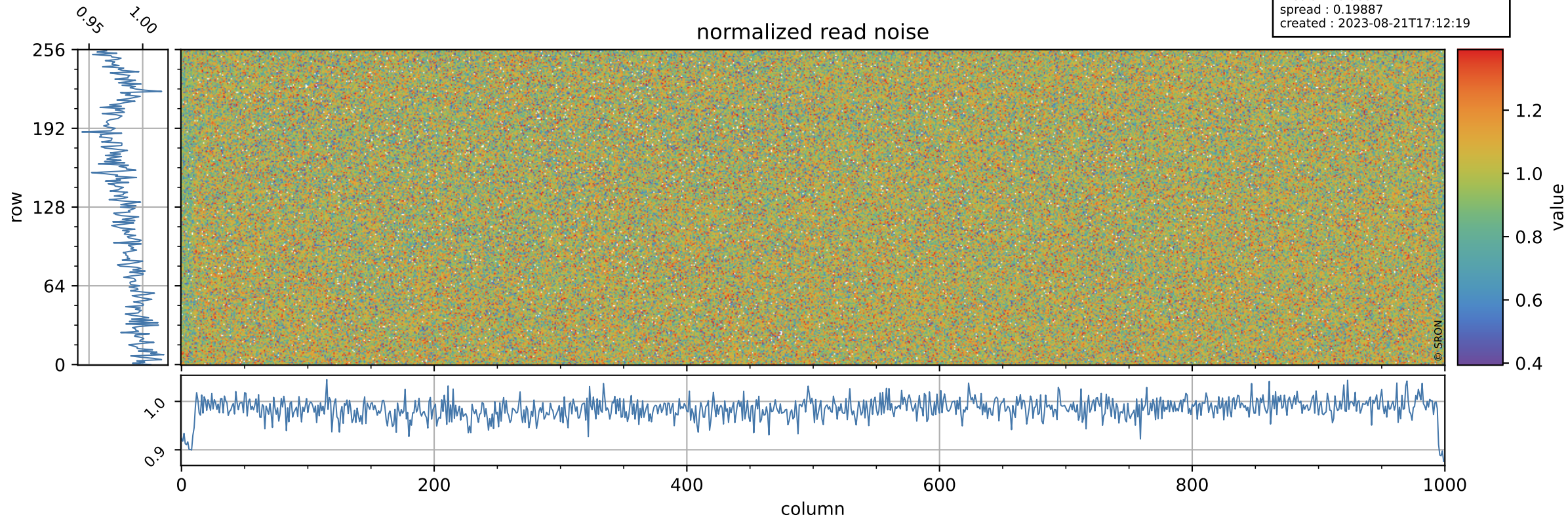
orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
median : 1.1305 e
spread : 0.067851 e
created : 2023-08-21T17:12:18



Tropomi SWIR background noise (swir)

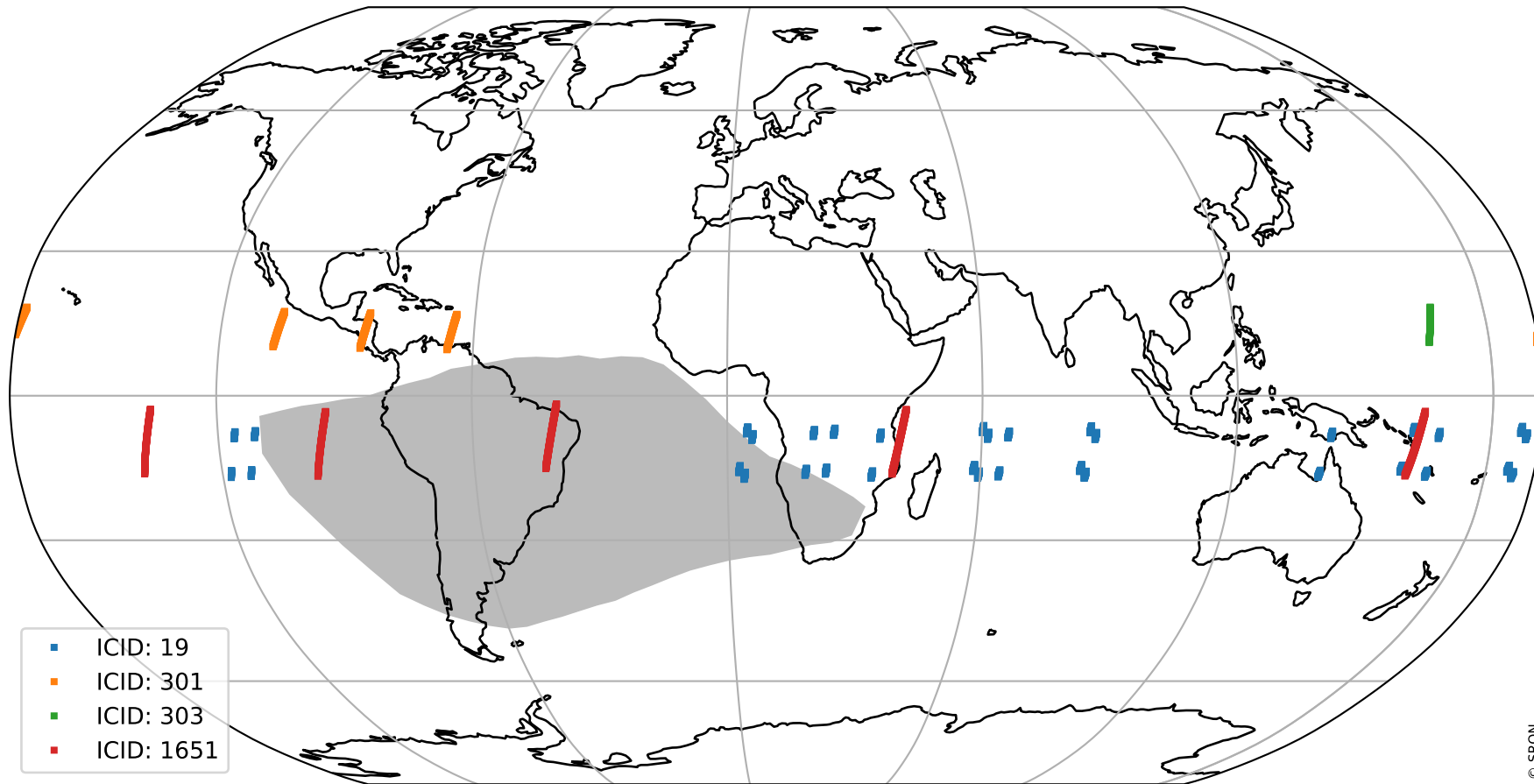
orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
median : 0.983
spread : 0.19887
created : 2023-08-21T17:12:19

normalized read noise



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

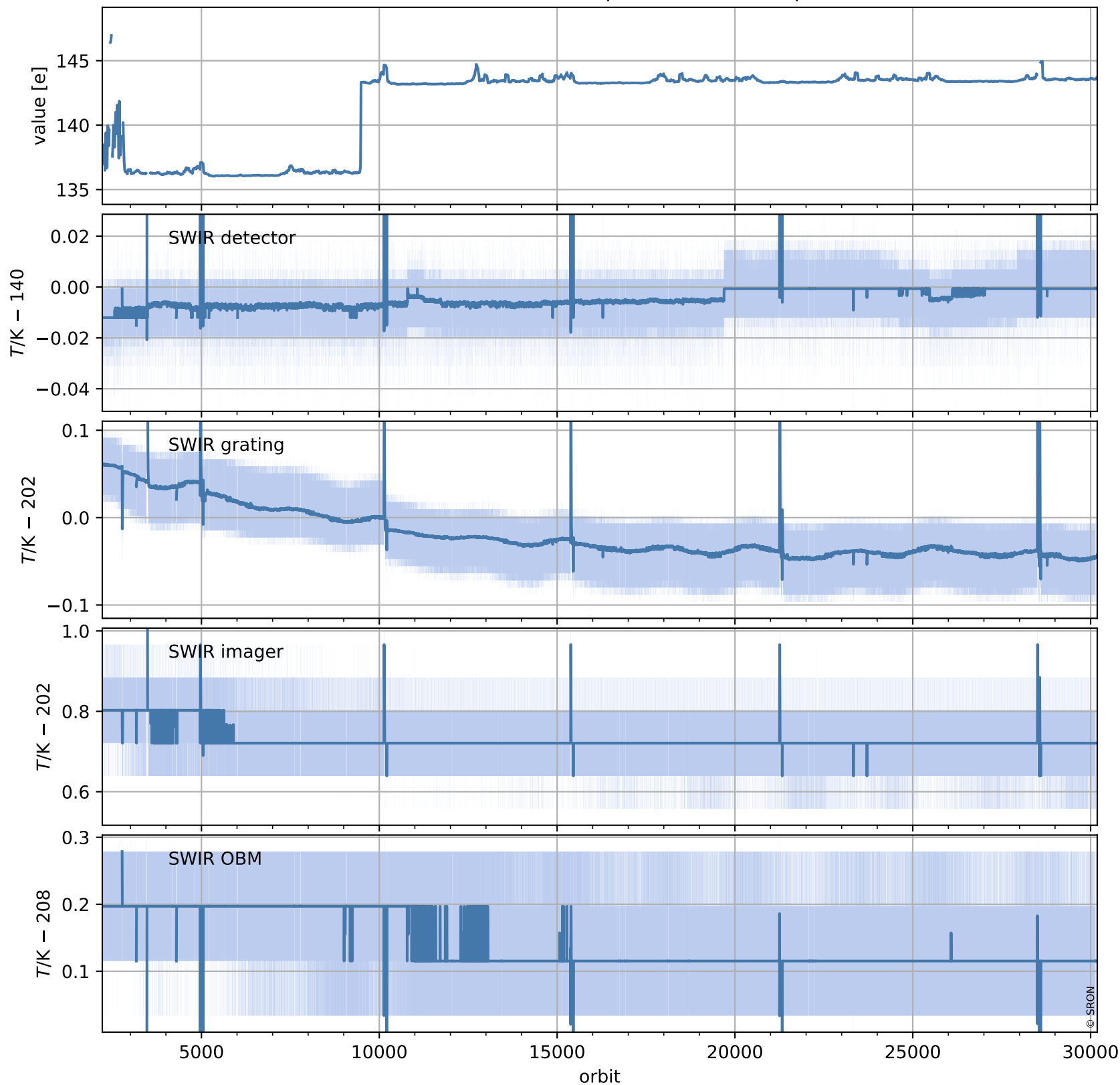
orbits : 10 in [30097, 30187]
coverage : 2023-08-05 / 2023-08-11
created : 2023-08-21T17:12:19



Tropomi SWIR background noise (swir)

orbits : [2212, 30187]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:19

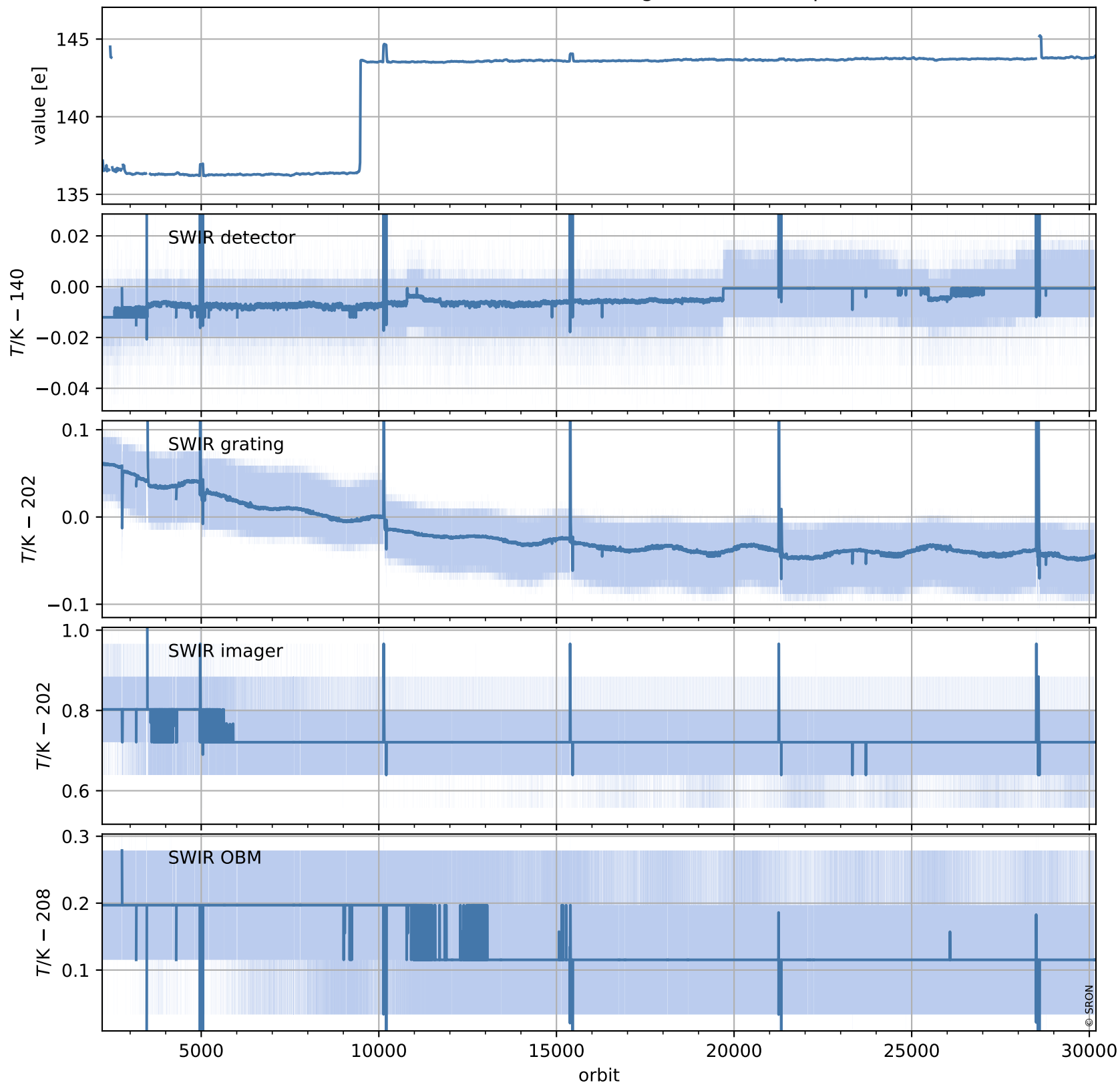
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30187]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30187]
coverage : 2018-03-18 / 2023-08-11
created : 2023-08-21T17:12:21

trend of normalized read-noise & temperatures

