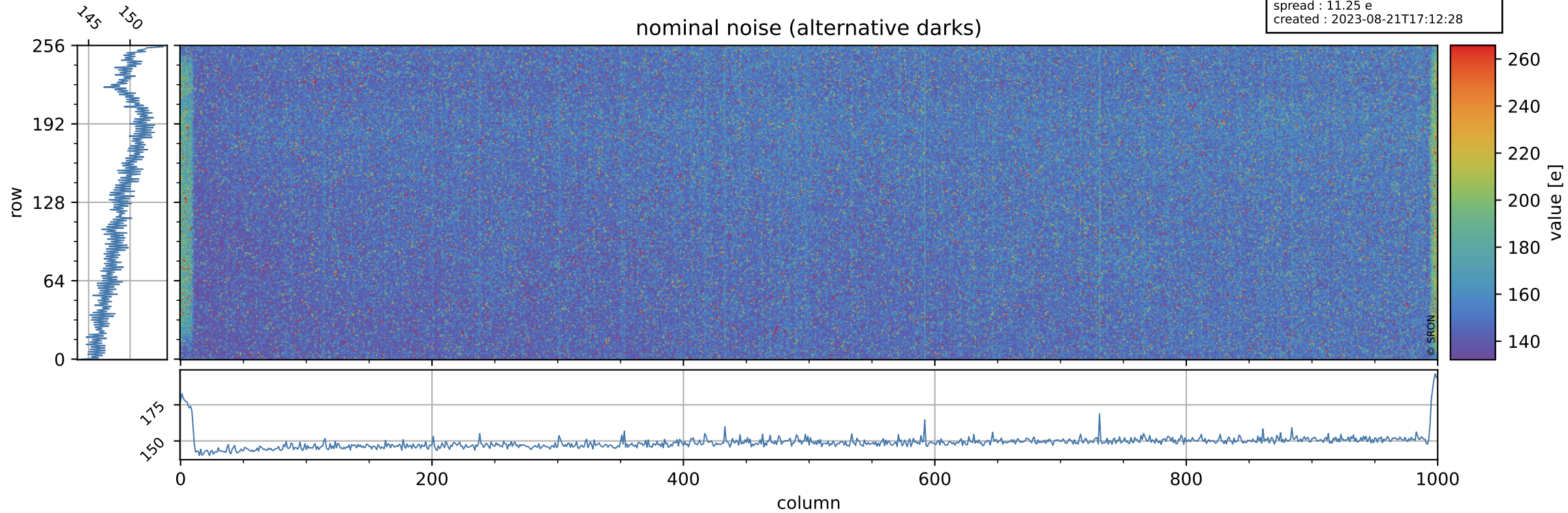


Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.25 e
created : 2023-08-21T17:12:28

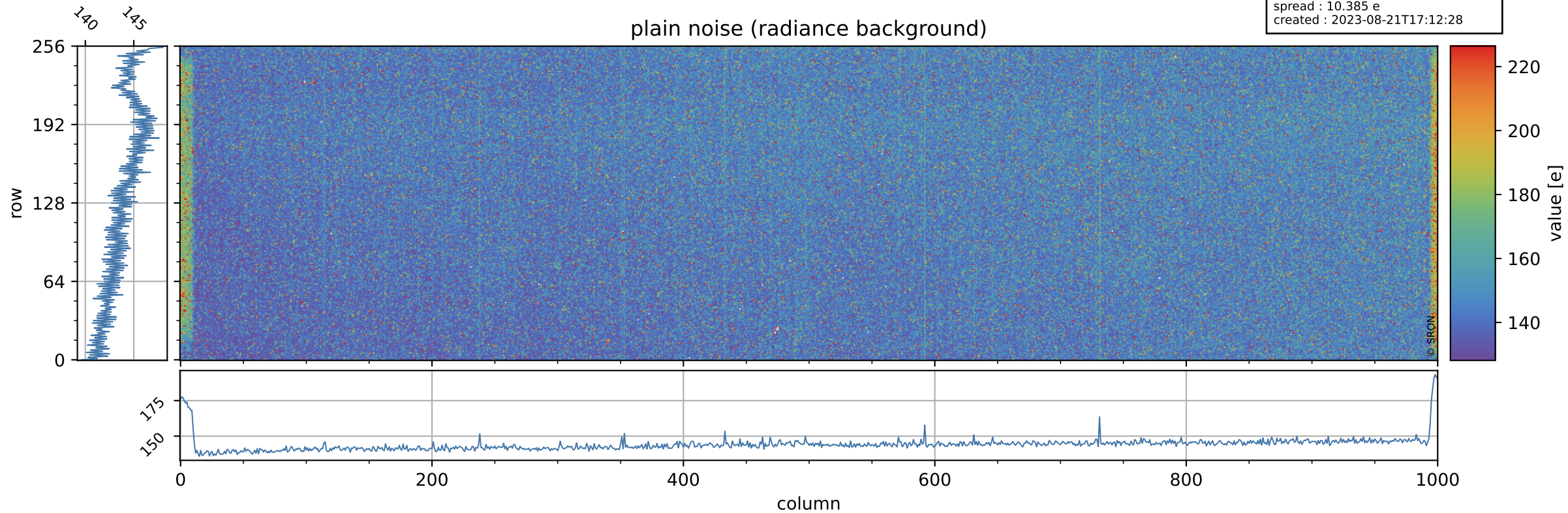
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 10.385 e
created : 2023-08-21T17:12:28

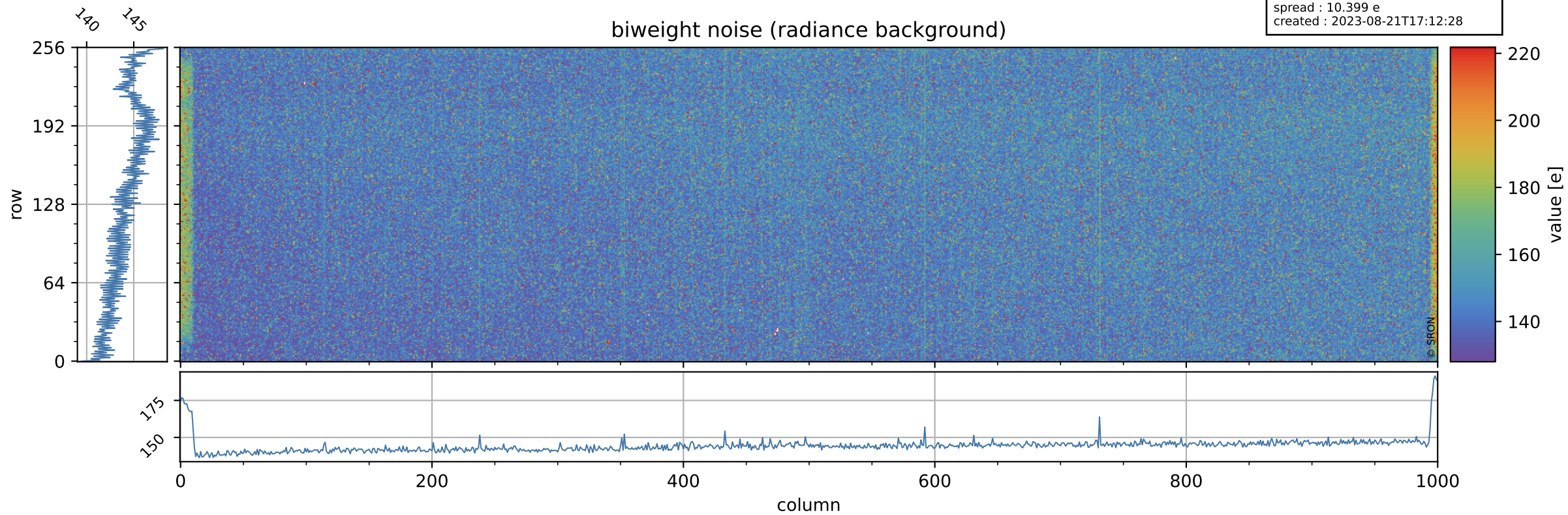
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
n_coad, t_exp : 1, 0.8383
median : 144.04 e
spread : 10.399 e
created : 2023-08-21T17:12:28

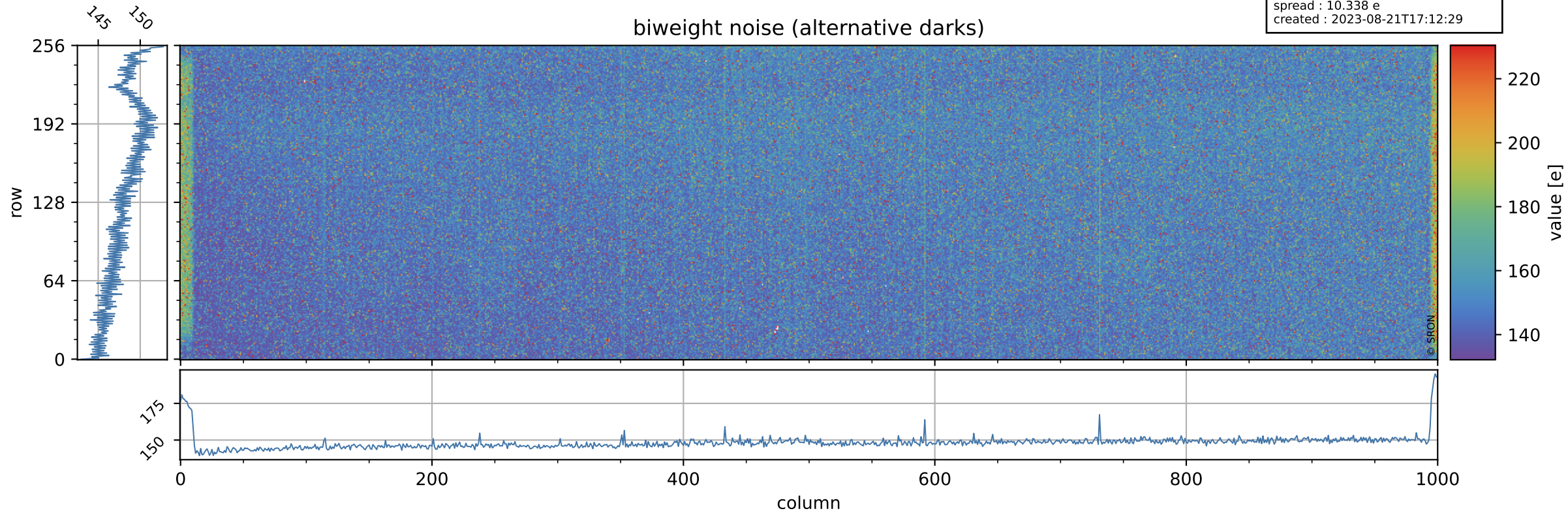
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
n_coad, t_exp : 1, 1.0783
median : 147.95 e
spread : 10.338 e
created : 2023-08-21T17:12:29

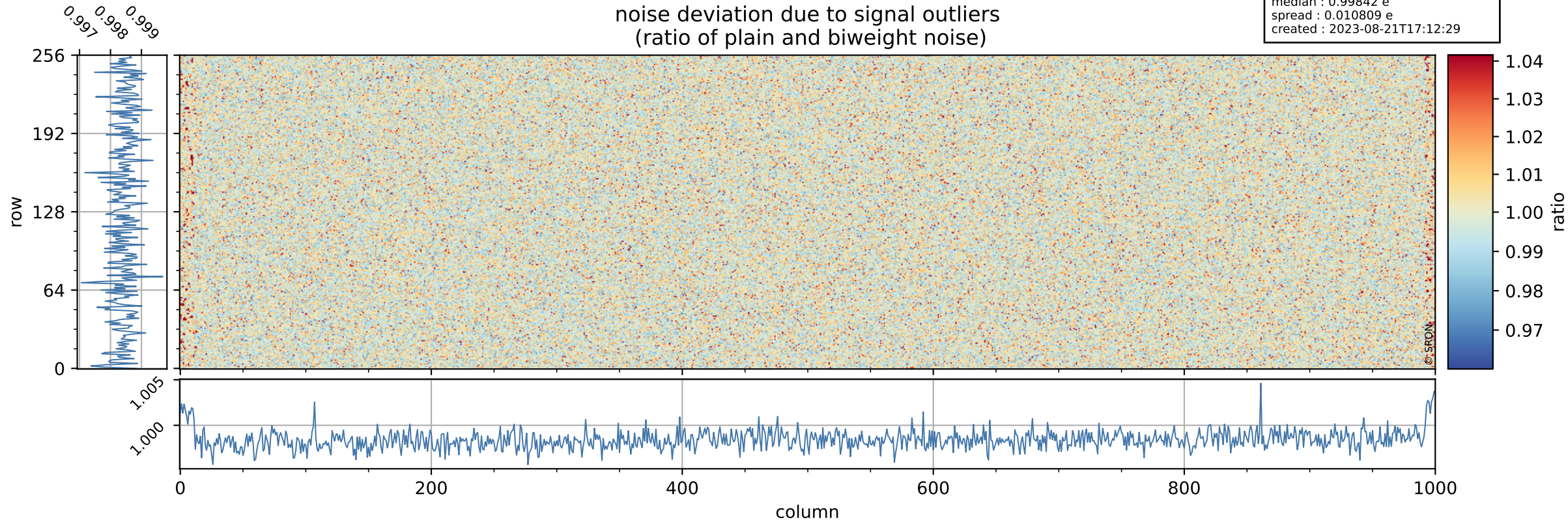
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

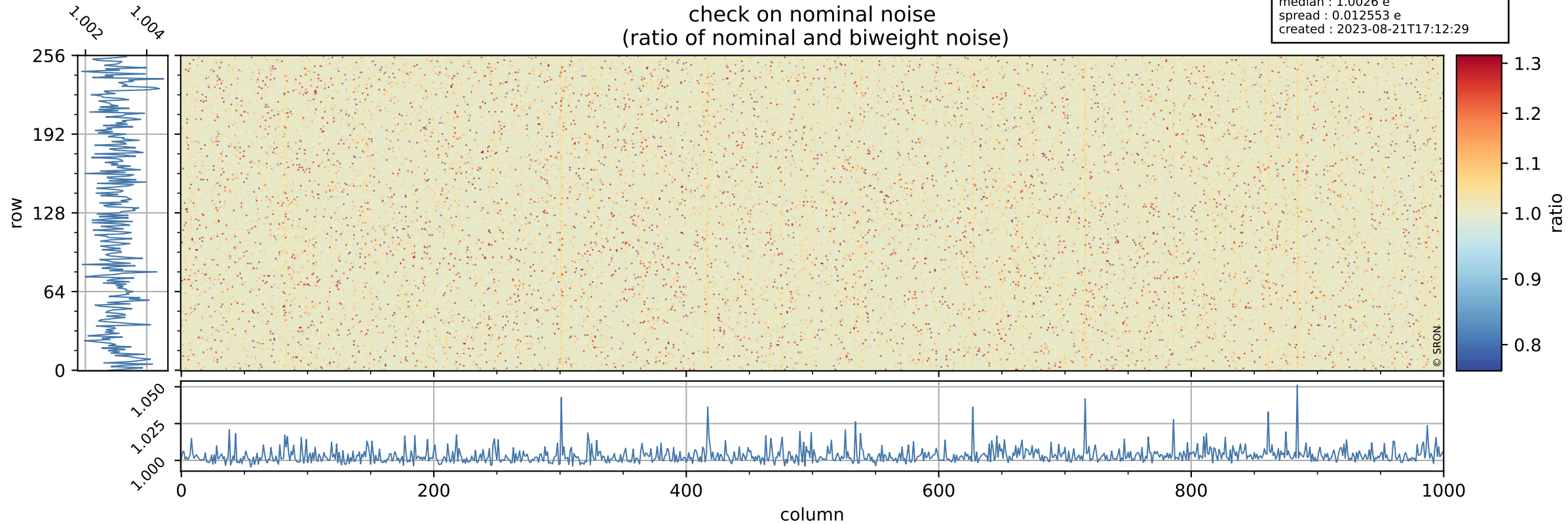
orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
median : 0.99842 e
spread : 0.010809 e
created : 2023-08-21T17:12:29



Tropomi SWIR background noise (swir)

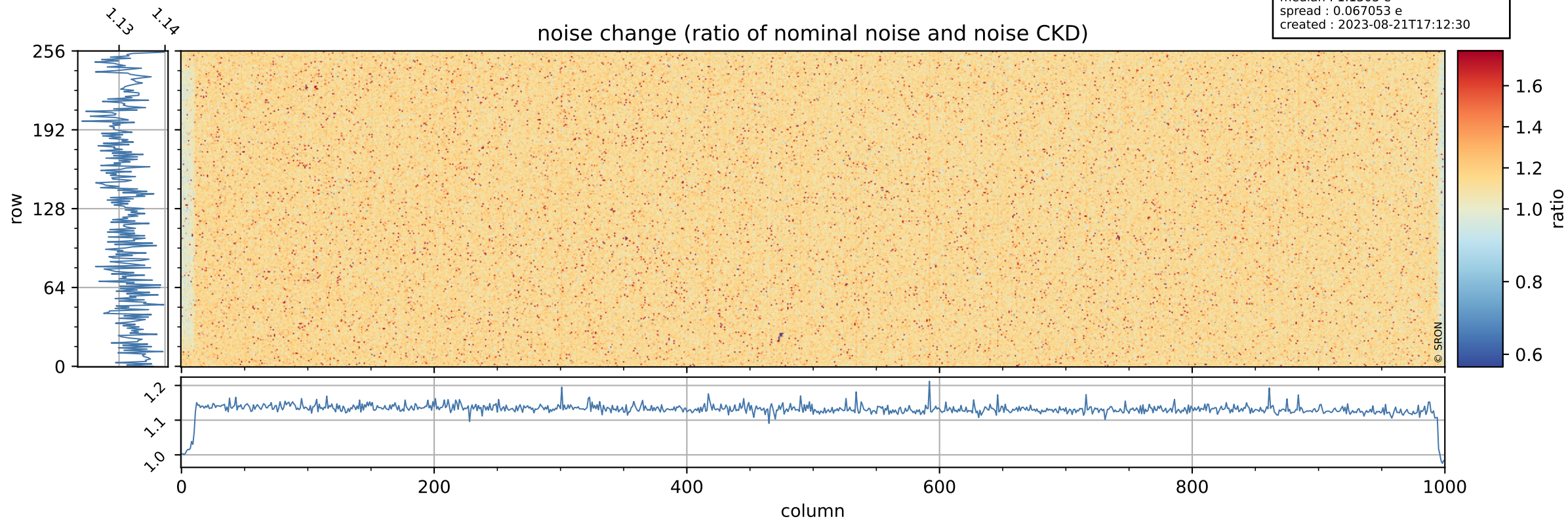
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
median : 1.0026 e
spread : 0.012553 e
created : 2023-08-21T17:12:29



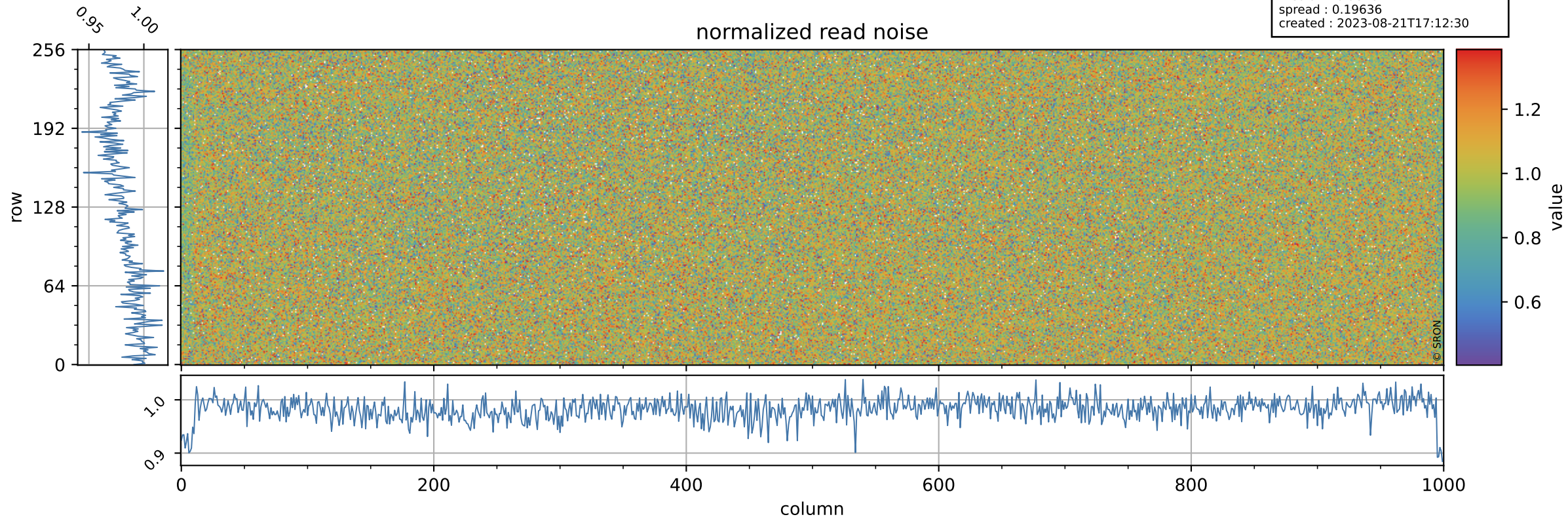
Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
median : 1.1303 e
spread : 0.067053 e
created : 2023-08-21T17:12:30



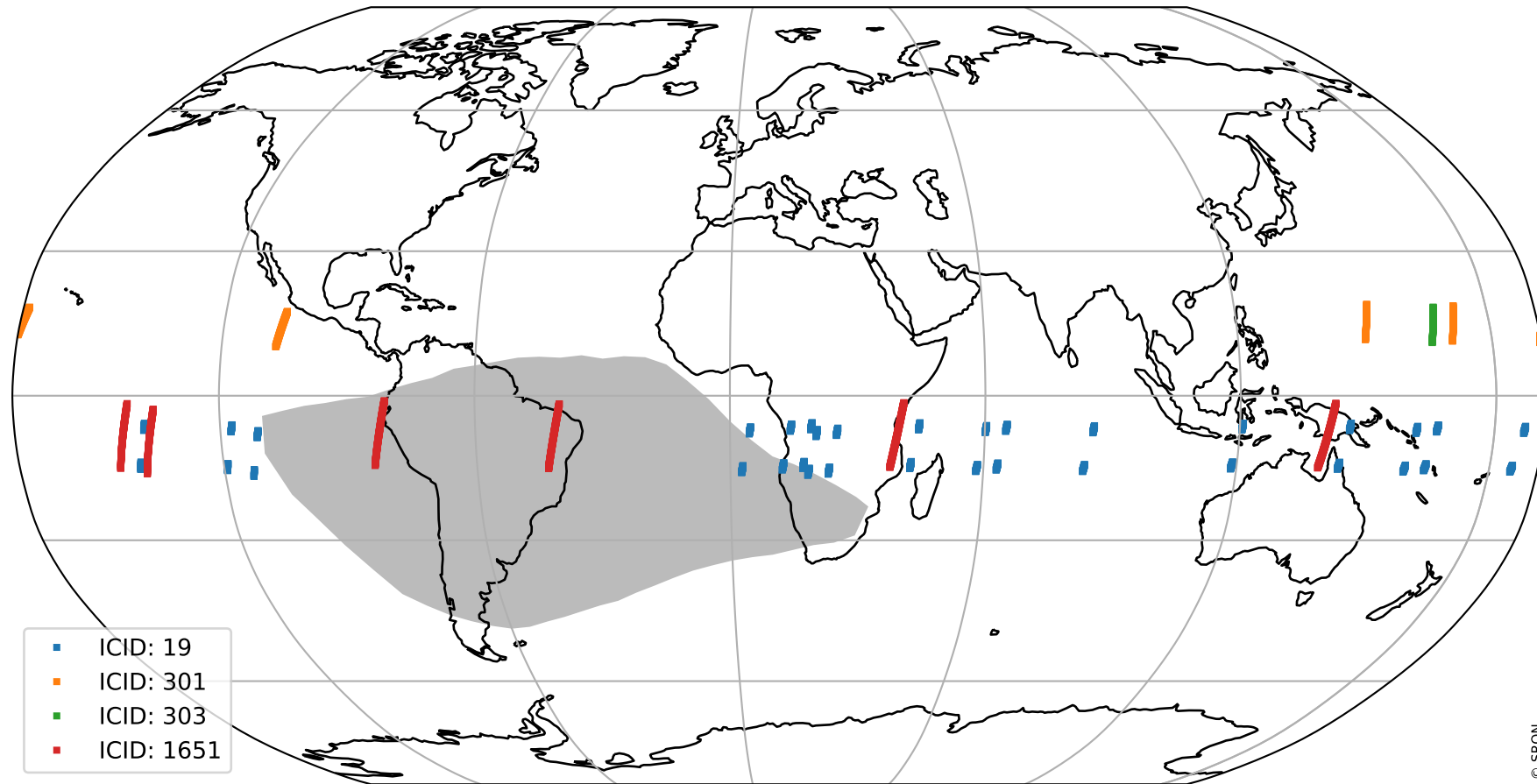
Tropomi SWIR background noise (swir)

orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
median : 0.98104
spread : 0.19636
created : 2023-08-21T17:12:30



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

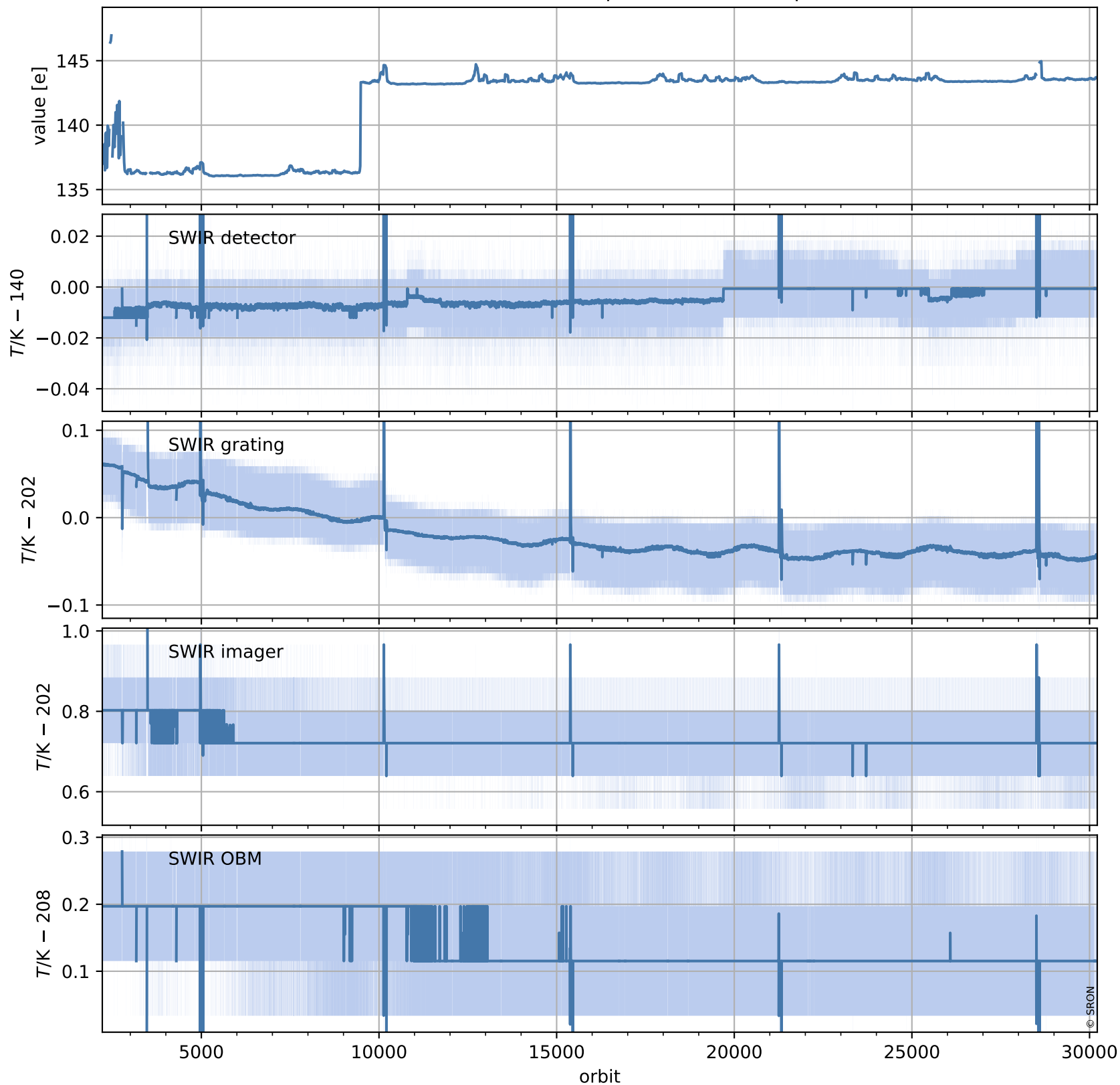
orbits : 11 in [30127, 30217]
coverage : 2023-08-07 / 2023-08-13
created : 2023-08-21T17:12:30



Tropomi SWIR background noise (swir)

orbits : [2212, 30217]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:31

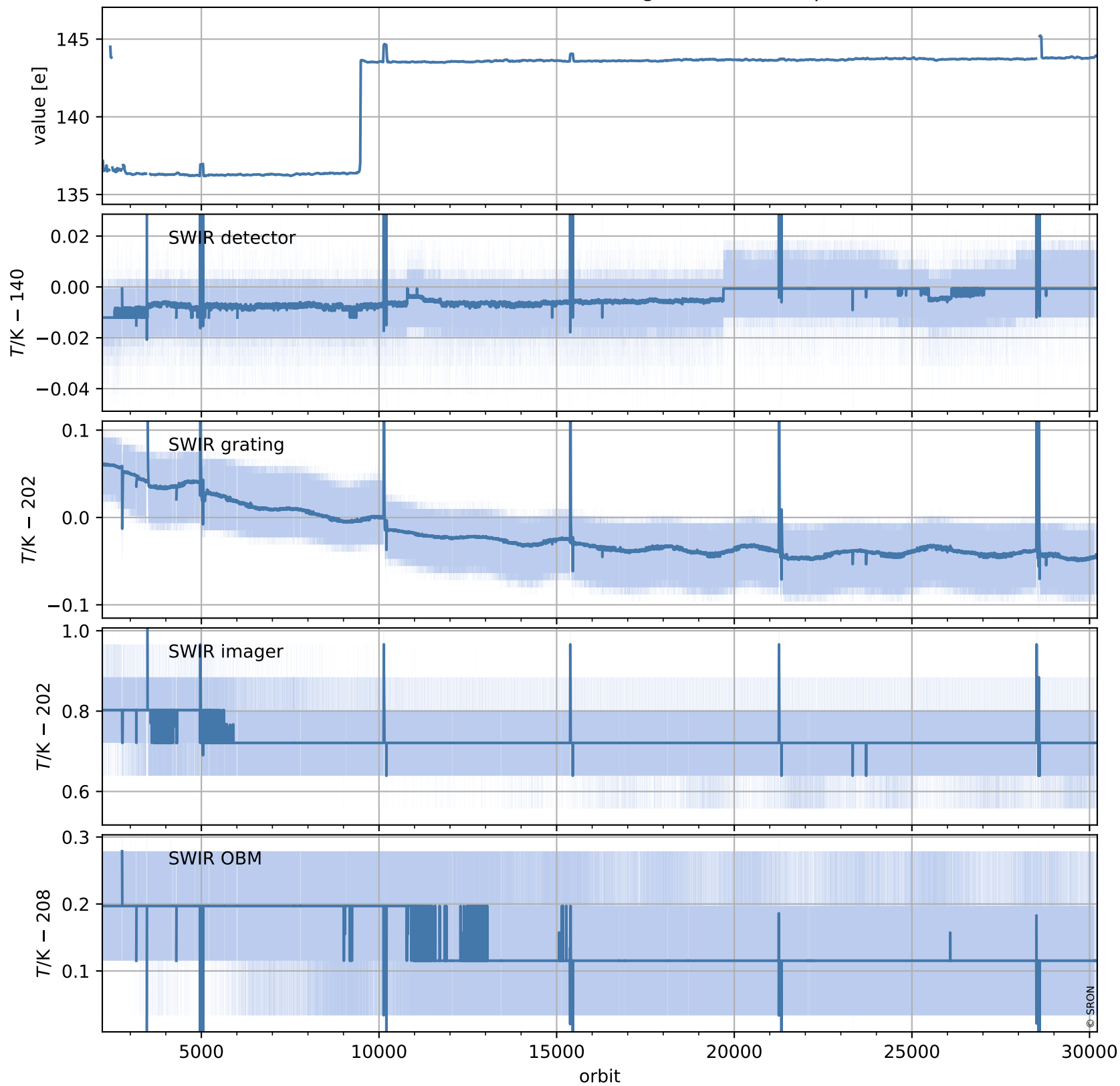
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30217]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30217]
coverage : 2018-03-18 / 2023-08-13
created : 2023-08-21T17:12:33

trend of normalized read-noise & temperatures

