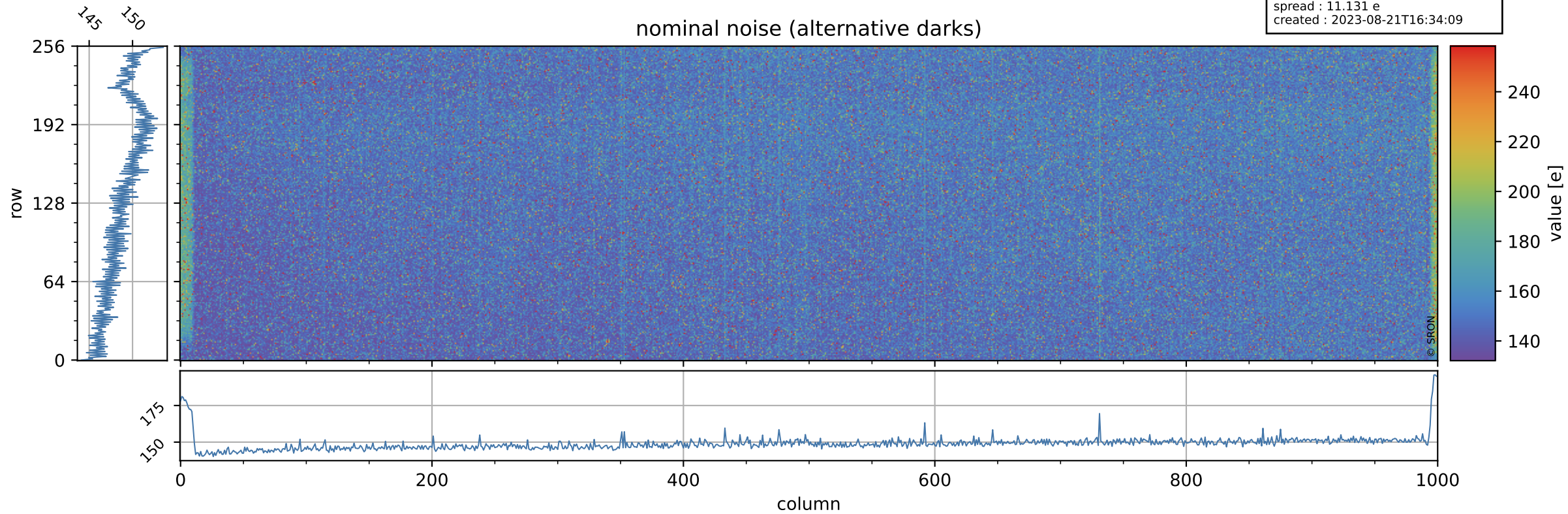


Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.131 e
created : 2023-08-21T16:34:09

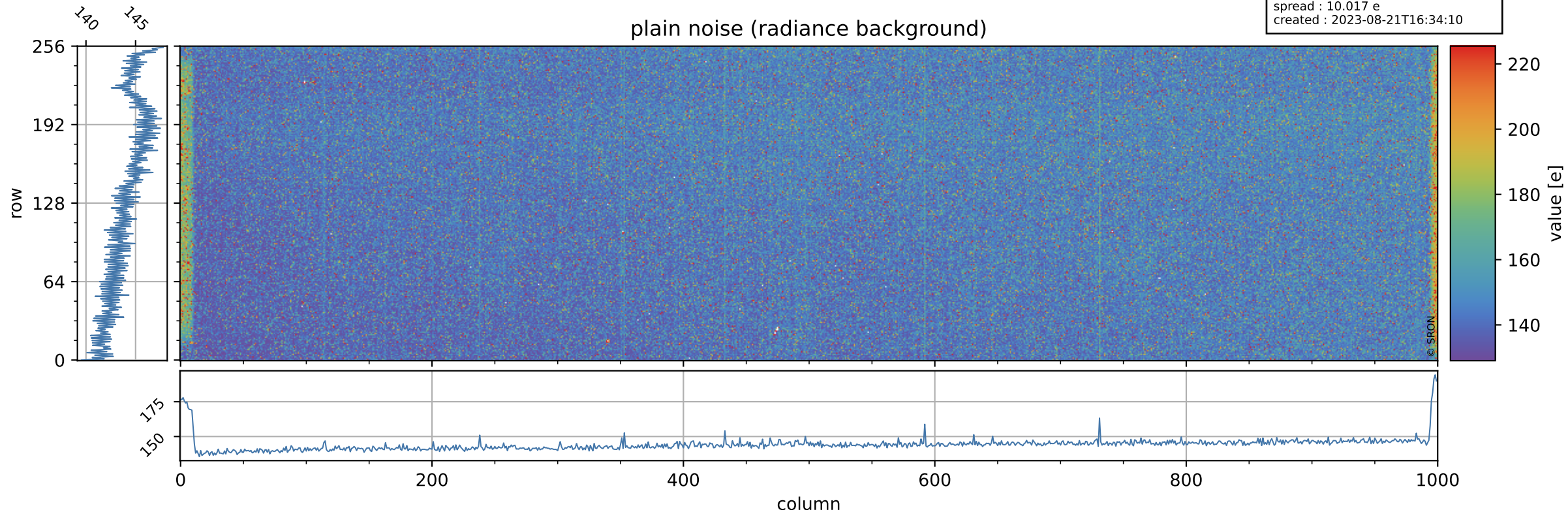
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 10.017 e
created : 2023-08-21T16:34:10

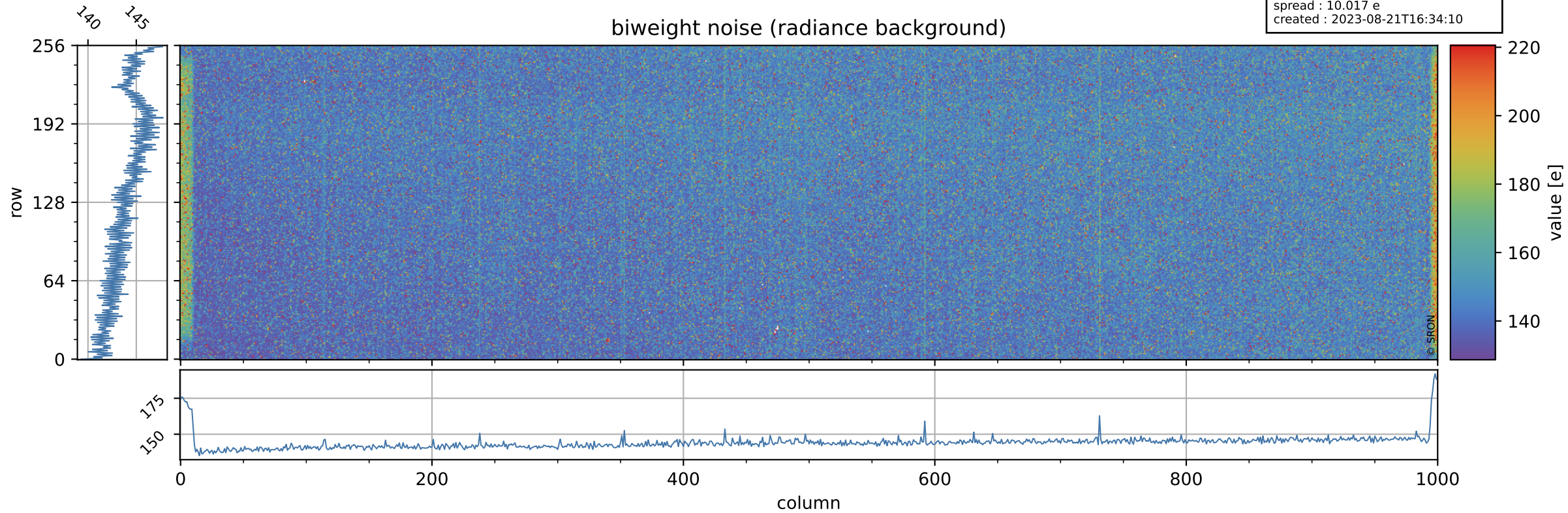
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.017 e
created : 2023-08-21T16:34:10

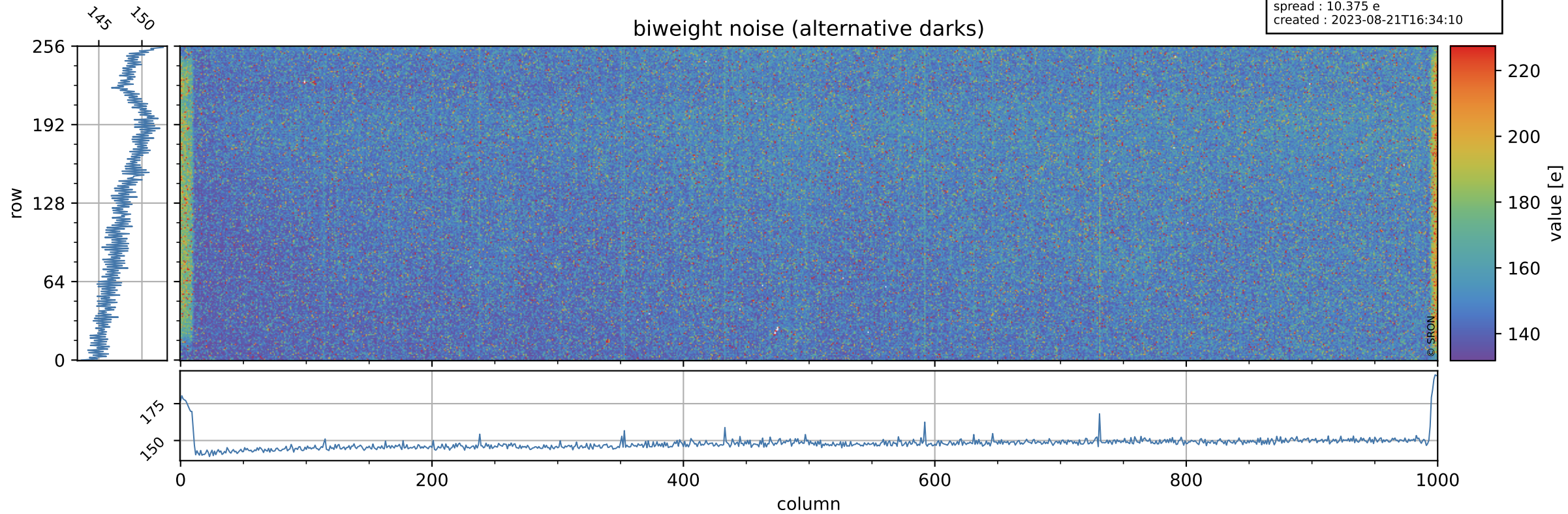
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.375 e
created : 2023-08-21T16:34:10

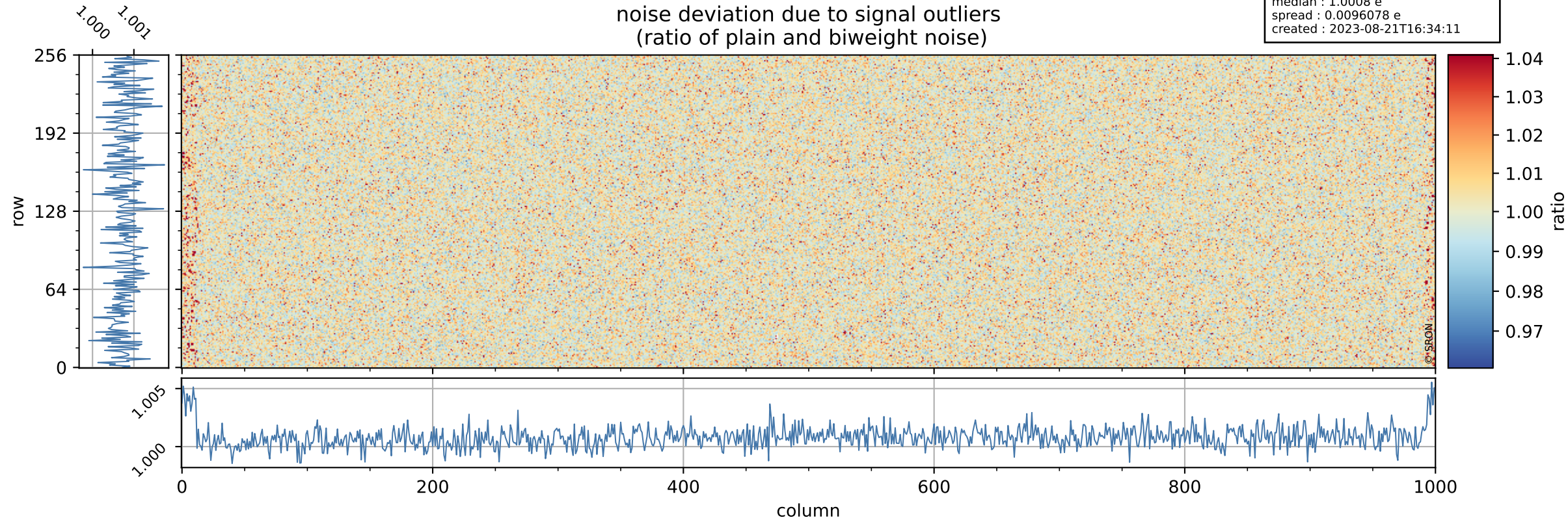
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

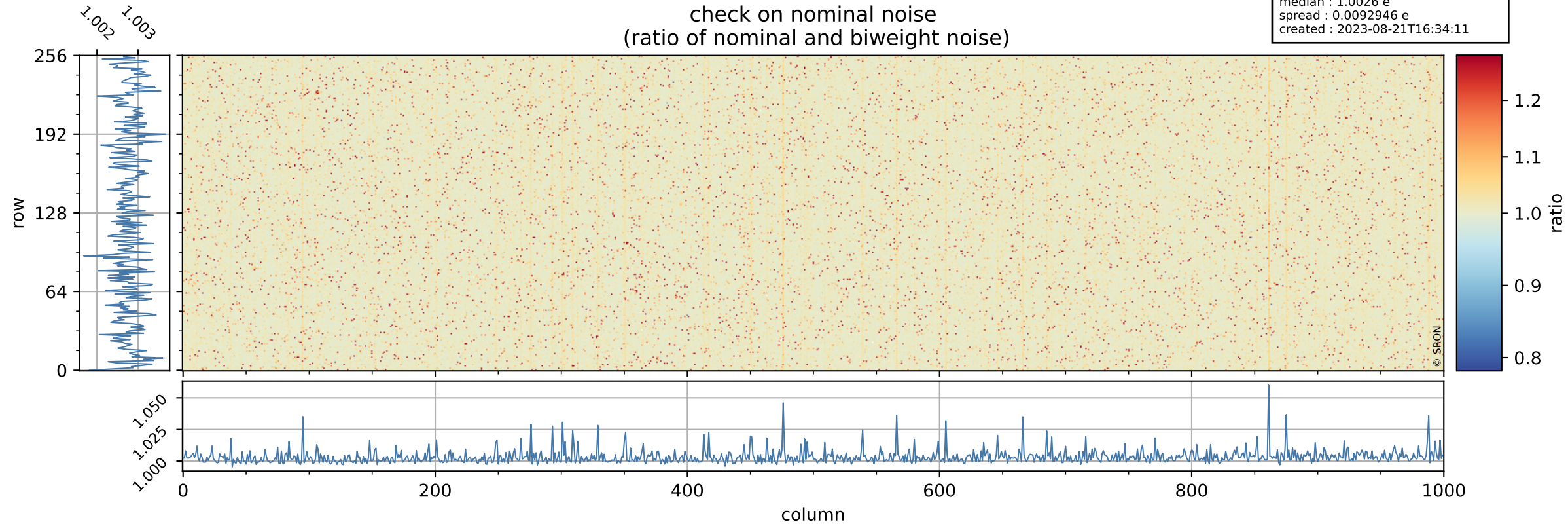
orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
median : 1.0008 e
spread : 0.0096078 e
created : 2023-08-21T16:34:11



Tropomi SWIR background noise (swir)

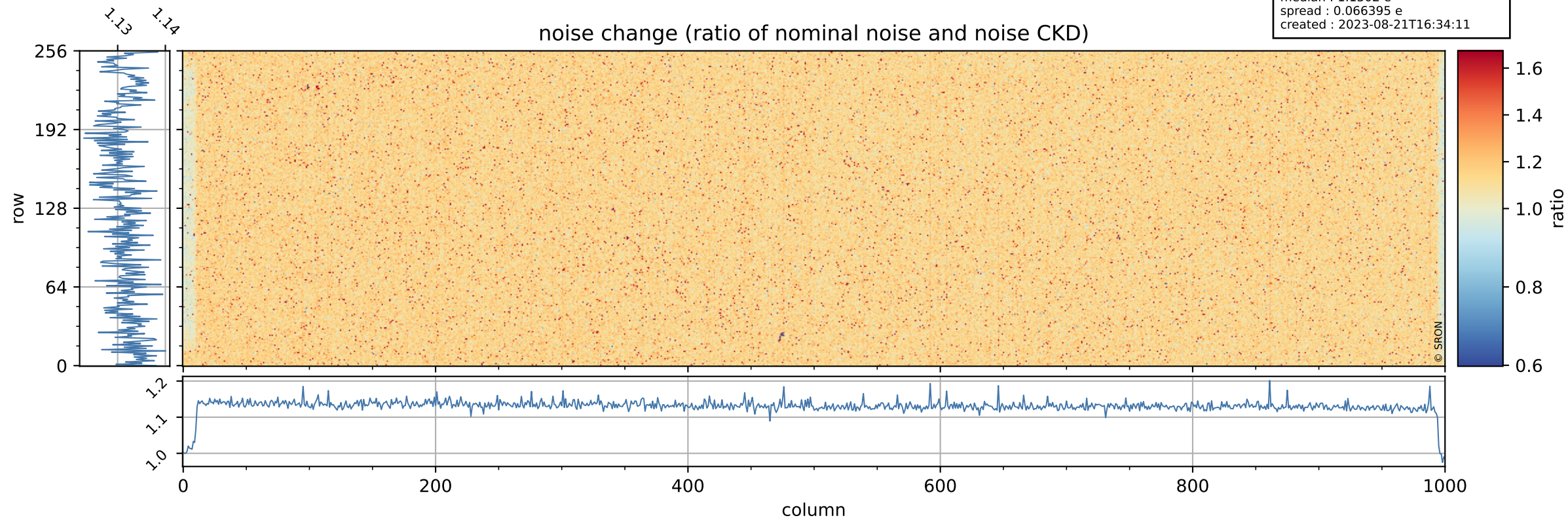
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
median : 1.0026 e
spread : 0.0092946 e
created : 2023-08-21T16:34:11



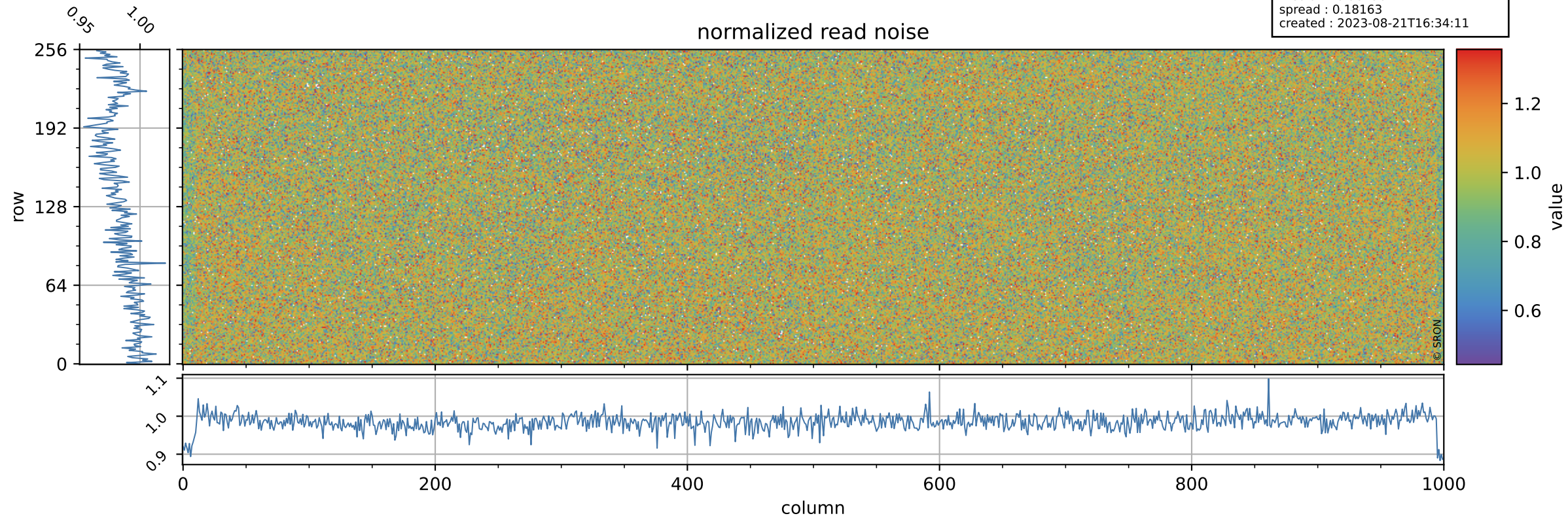
Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
median : 1.1302 e
spread : 0.066395 e
created : 2023-08-21T16:34:11



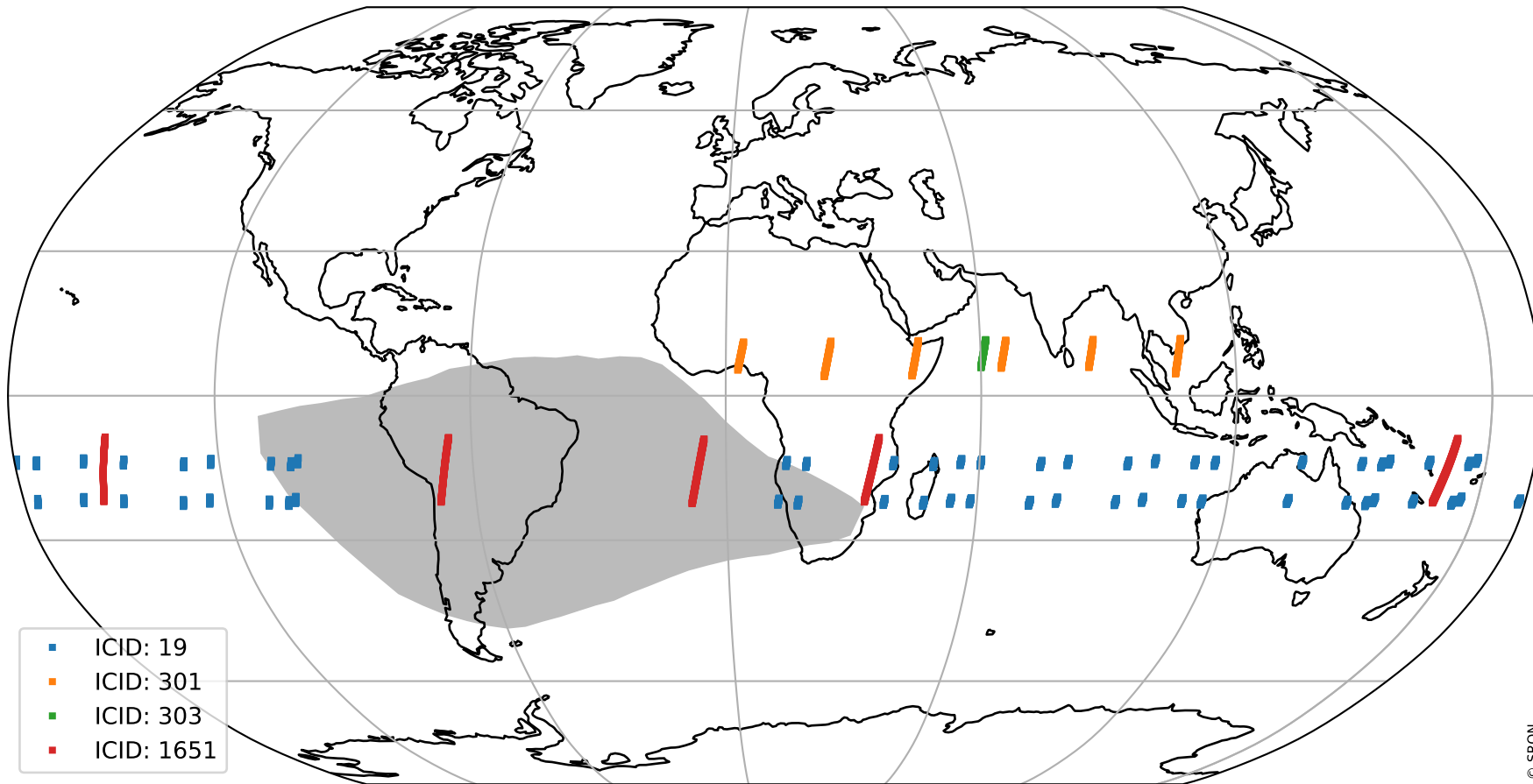
Tropomi SWIR background noise (swir)

orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
median : 0.98296
spread : 0.18163
created : 2023-08-21T16:34:11



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

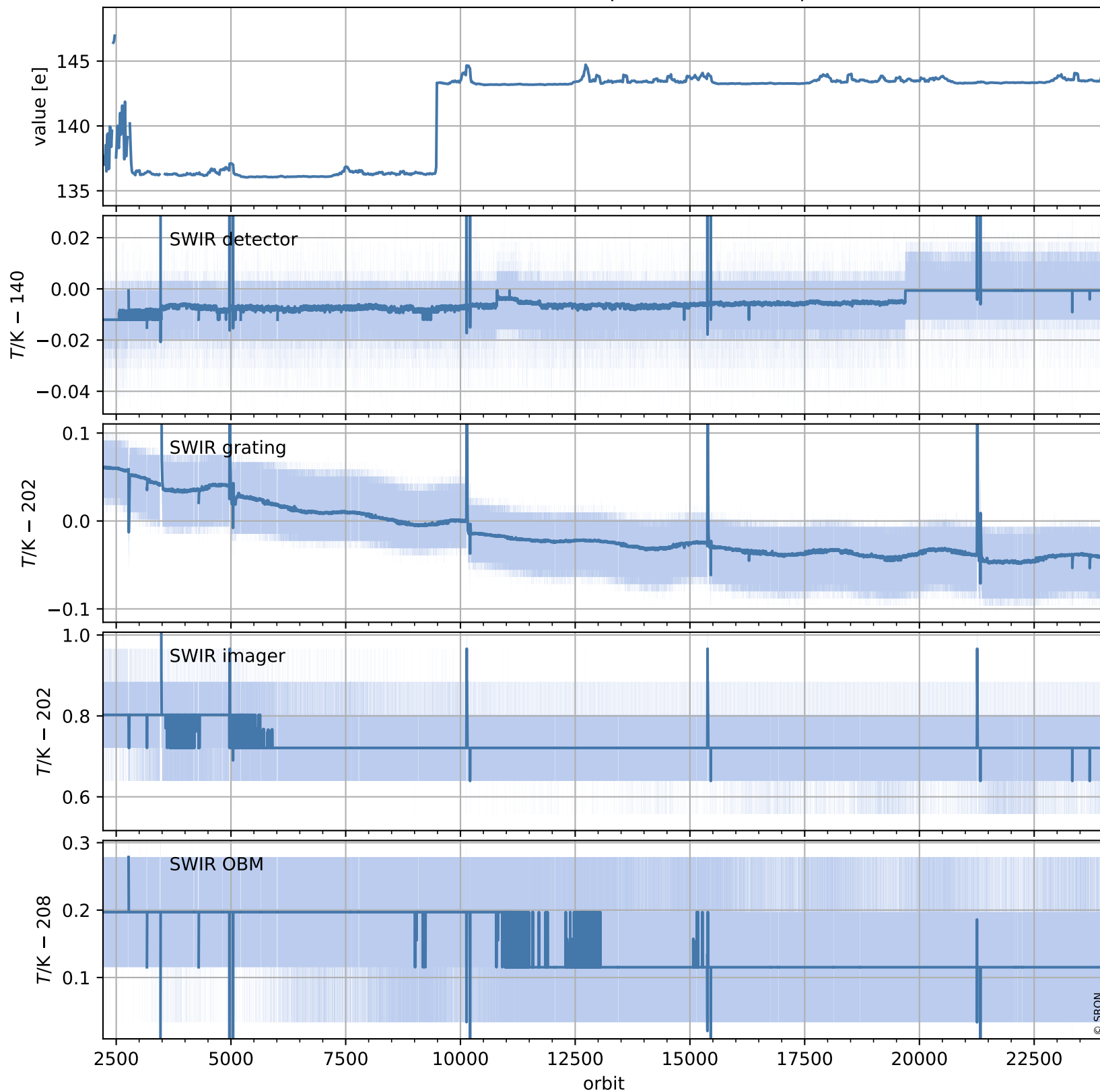
orbits : 12 in [23962, 24037]
coverage : 2022-05-28 / 2022-06-03
created : 2023-08-21T16:34:12



Tropomi SWIR background noise (swir)

orbits : [2212, 24037]
coverage : 2018-03-18 / 2022-06-03
created : 2023-08-21T16:34:12

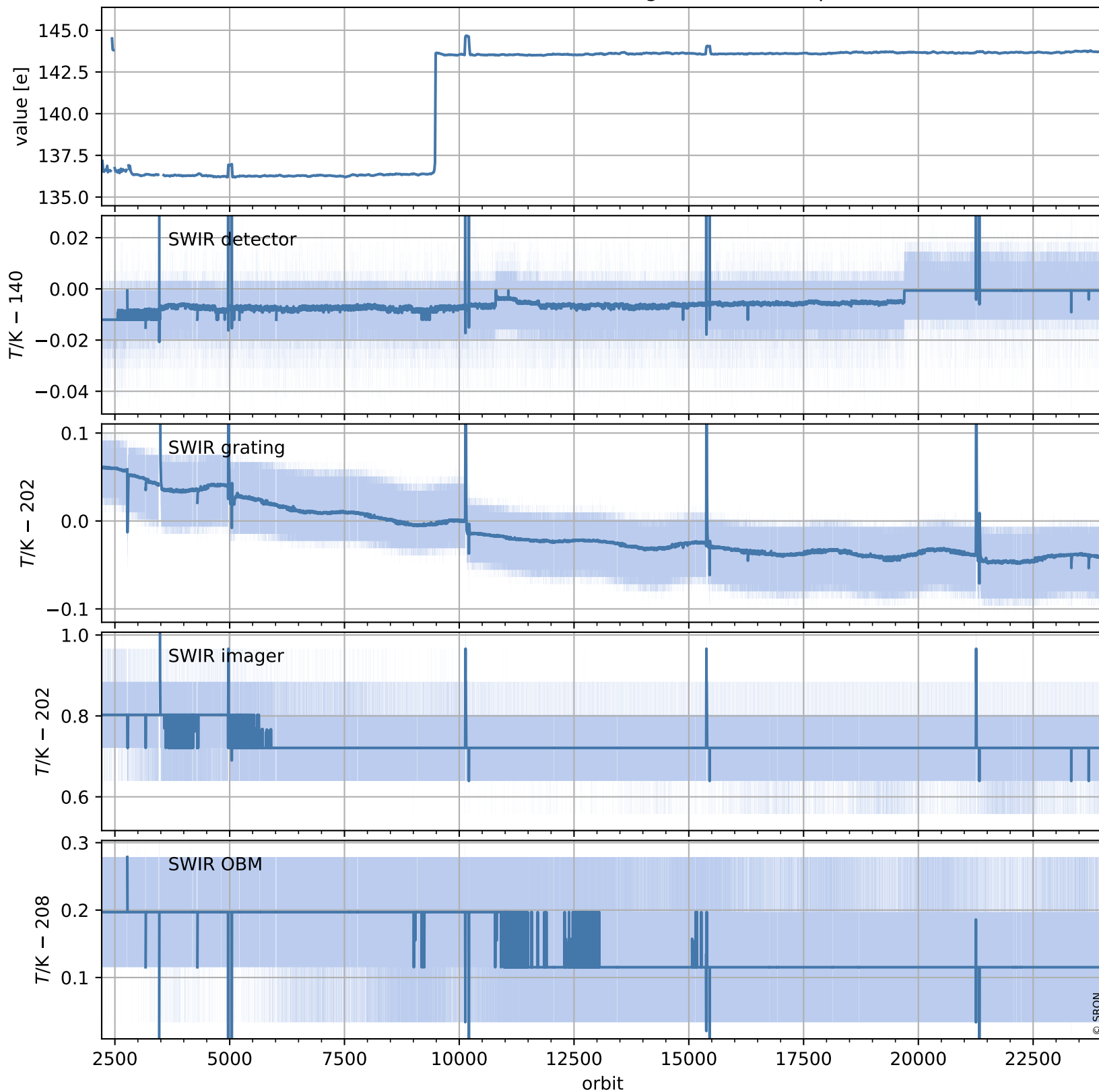
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24037]
coverage : 2018-03-18 / 2022-06-03
created : 2023-08-21T16:34:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24037]
coverage : 2018-03-18 / 2022-06-03
created : 2023-08-21T16:34:14

trend of normalized read-noise & temperatures

