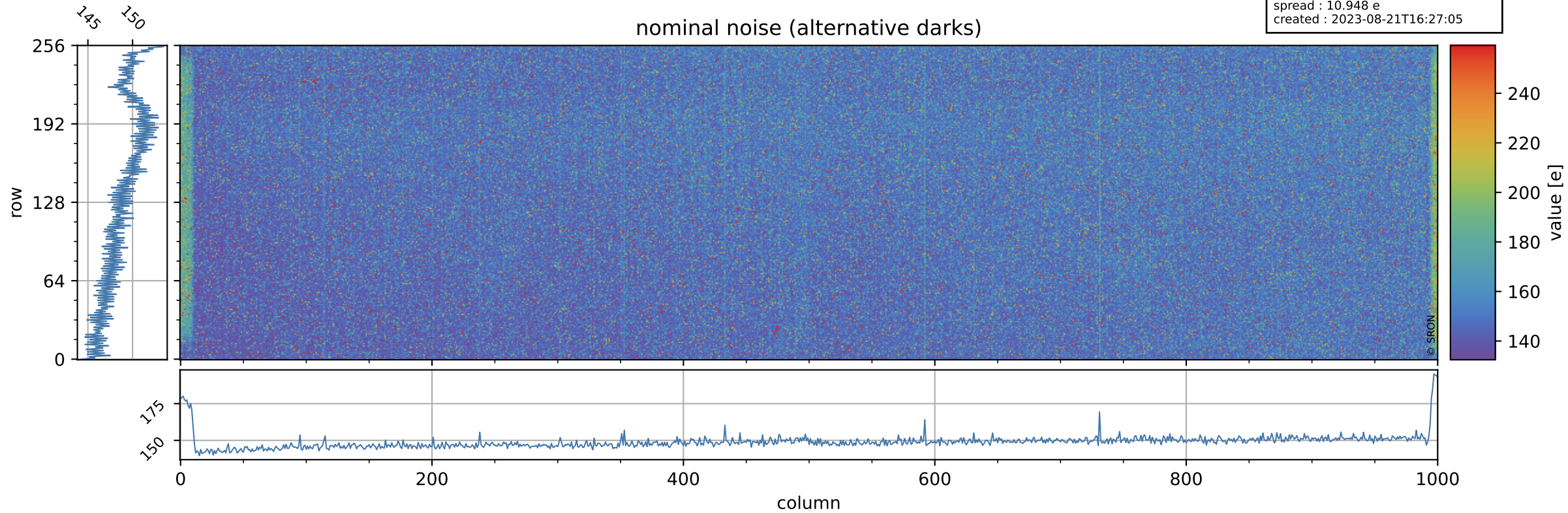


Tropomi SWIR background noise (swir)

orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.948 e
created : 2023-08-21T16:27:05

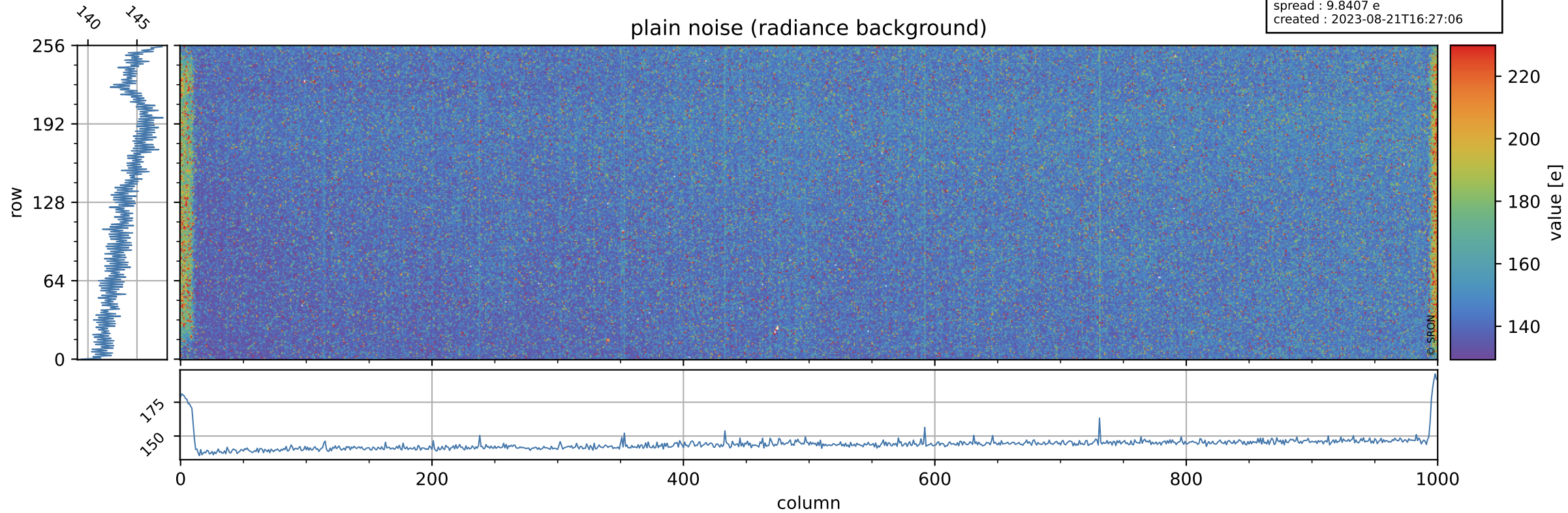
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8407 e
created : 2023-08-21T16:27:06

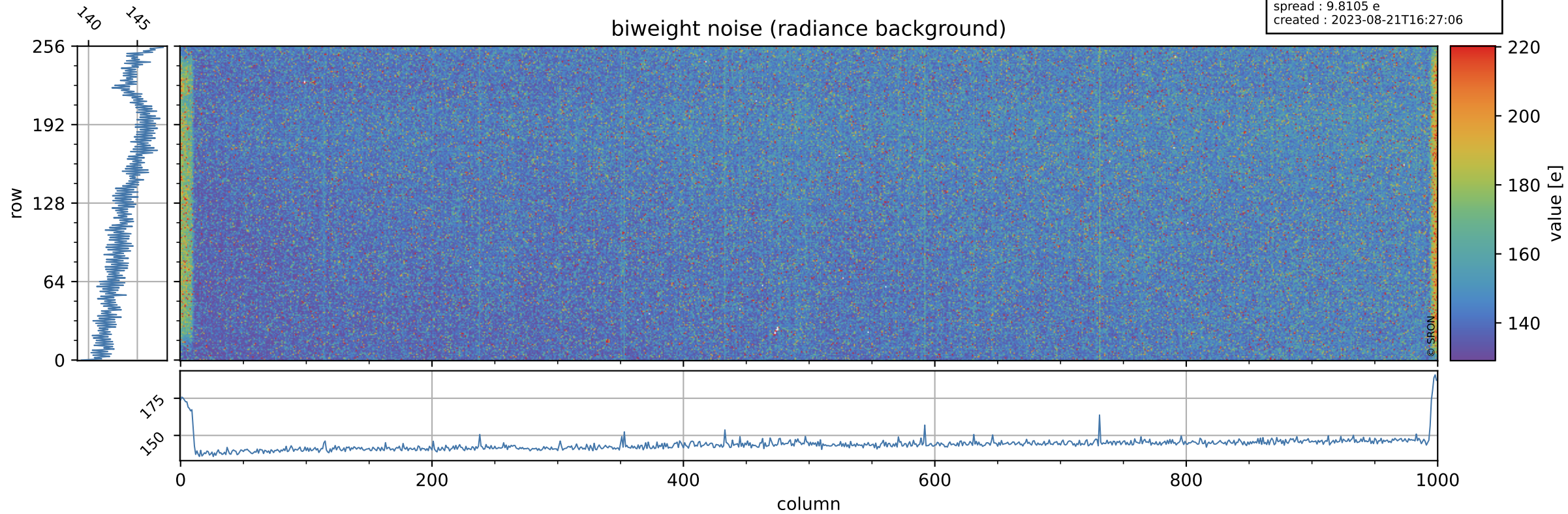
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8105 e
created : 2023-08-21T16:27:06

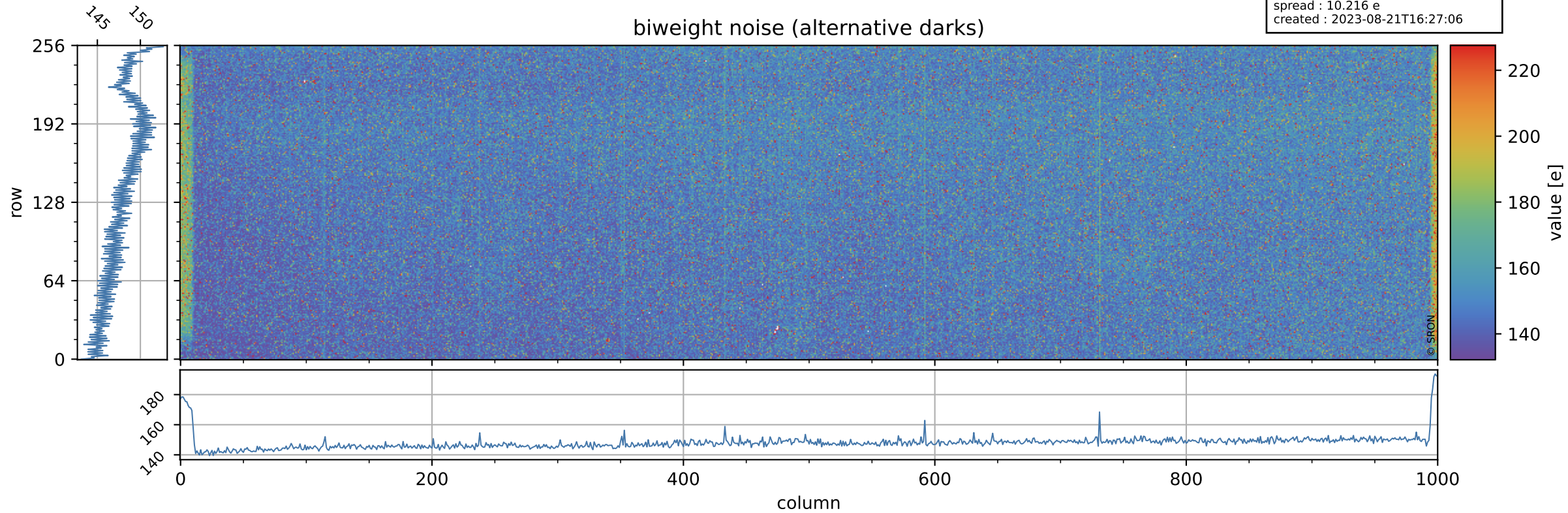
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.216 e
created : 2023-08-21T16:27:06

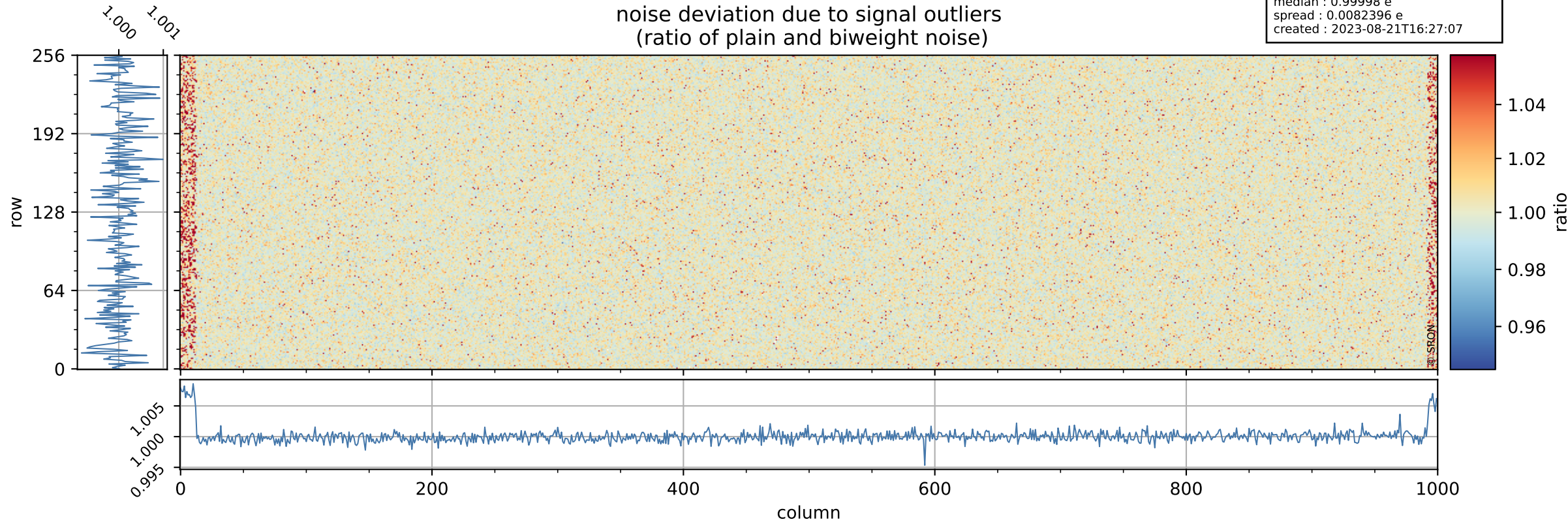
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

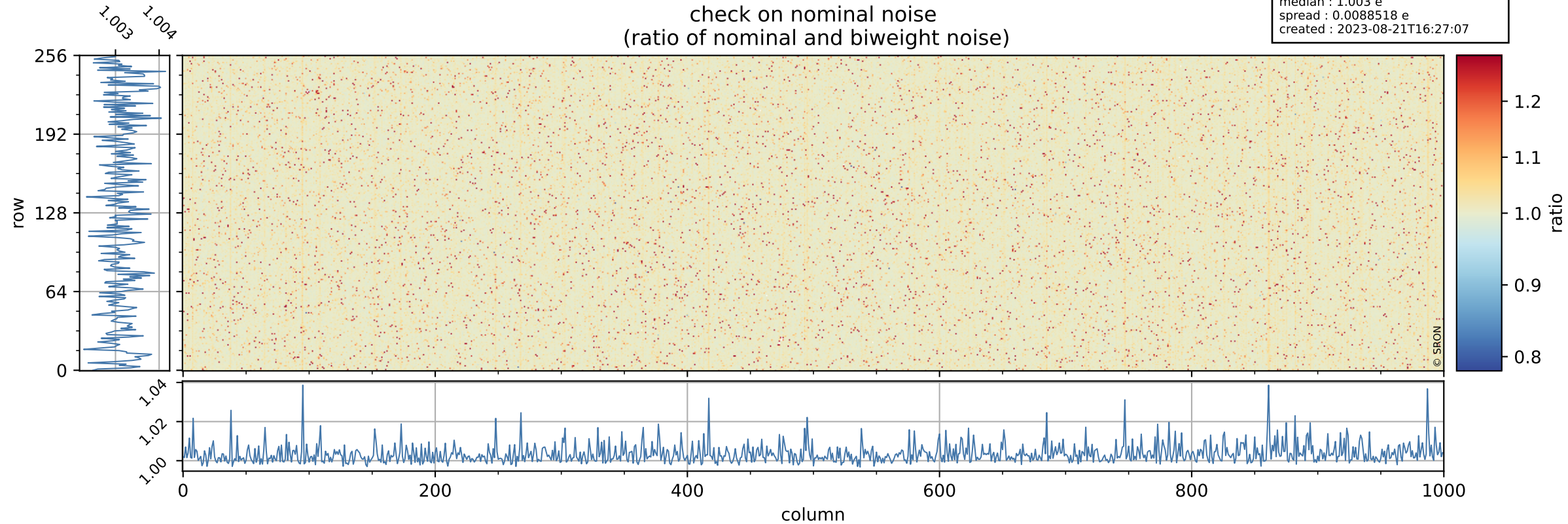
orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
median : 0.99998 e
spread : 0.0082396 e
created : 2023-08-21T16:27:07



Tropomi SWIR background noise (swir)

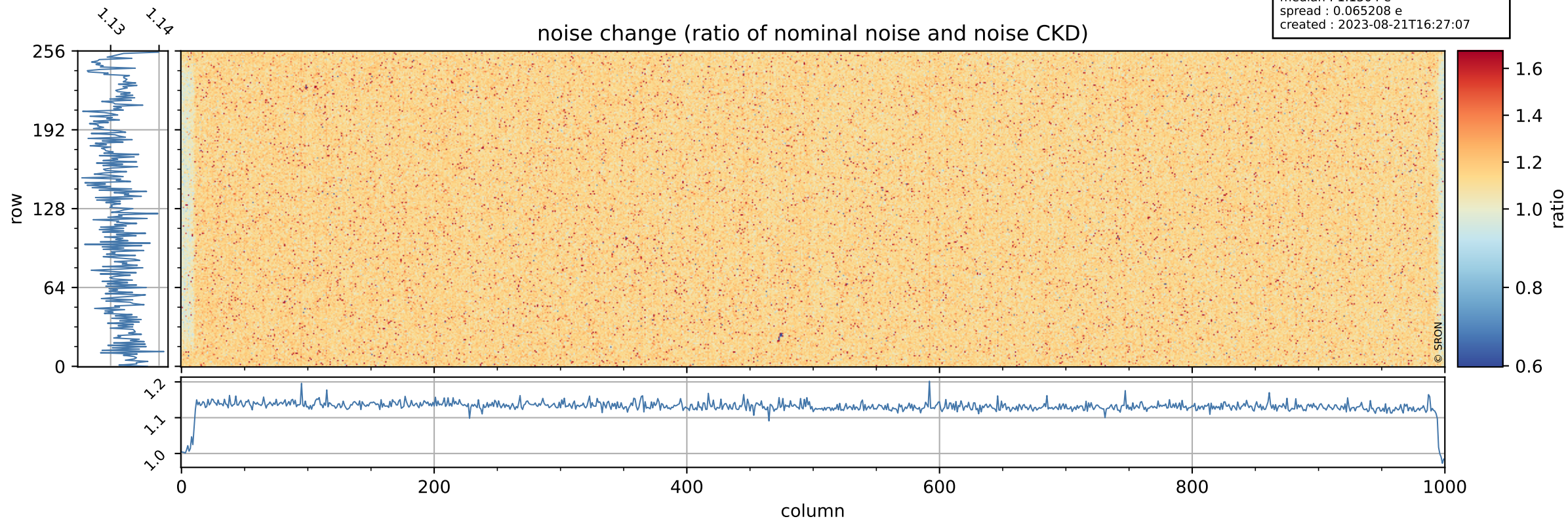
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
median : 1.003 e
spread : 0.0088518 e
created : 2023-08-21T16:27:07



Tropomi SWIR background noise (swir)

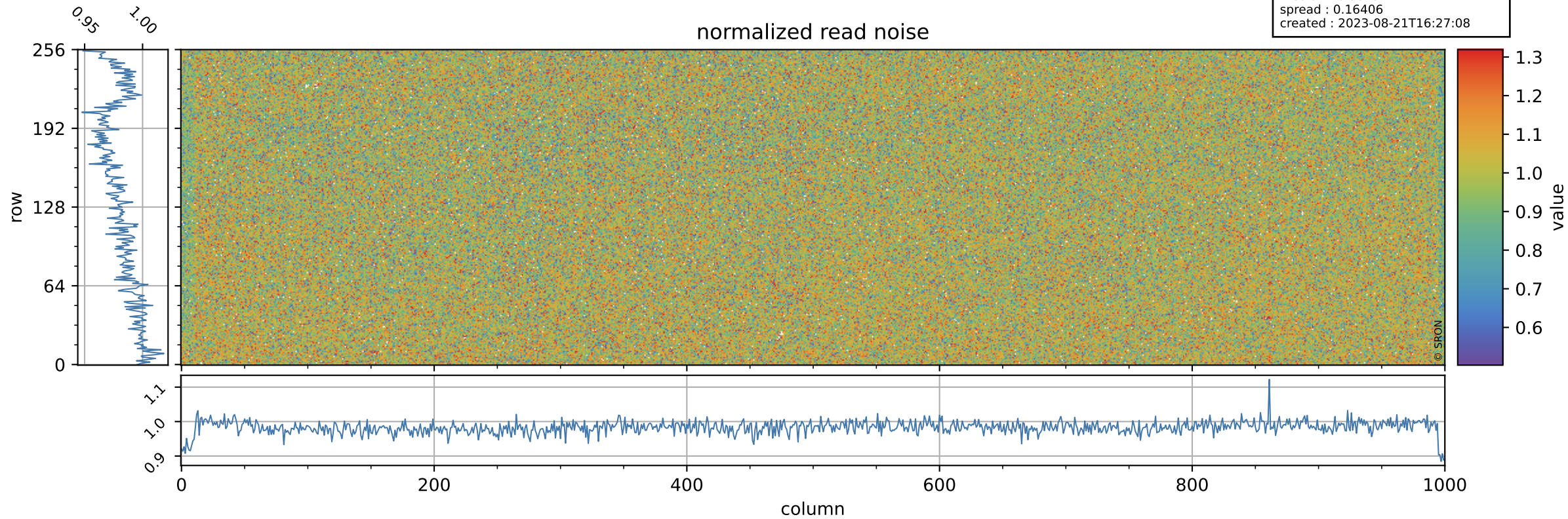
orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
median : 1.1304 e
spread : 0.065208 e
created : 2023-08-21T16:27:07



Tropomi SWIR background noise (swir)

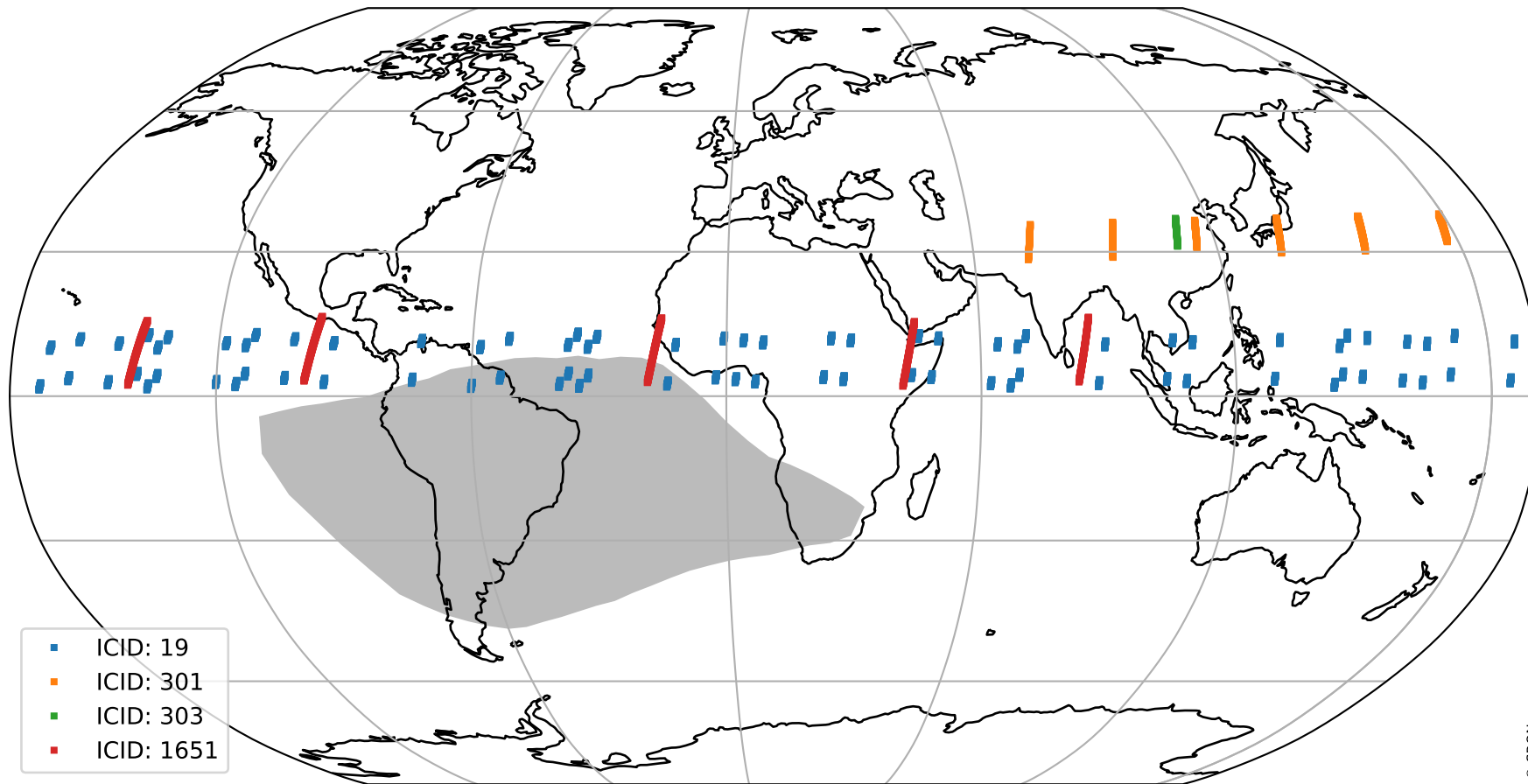
orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
median : 0.98154
spread : 0.16406
created : 2023-08-21T16:27:08

normalized read noise



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

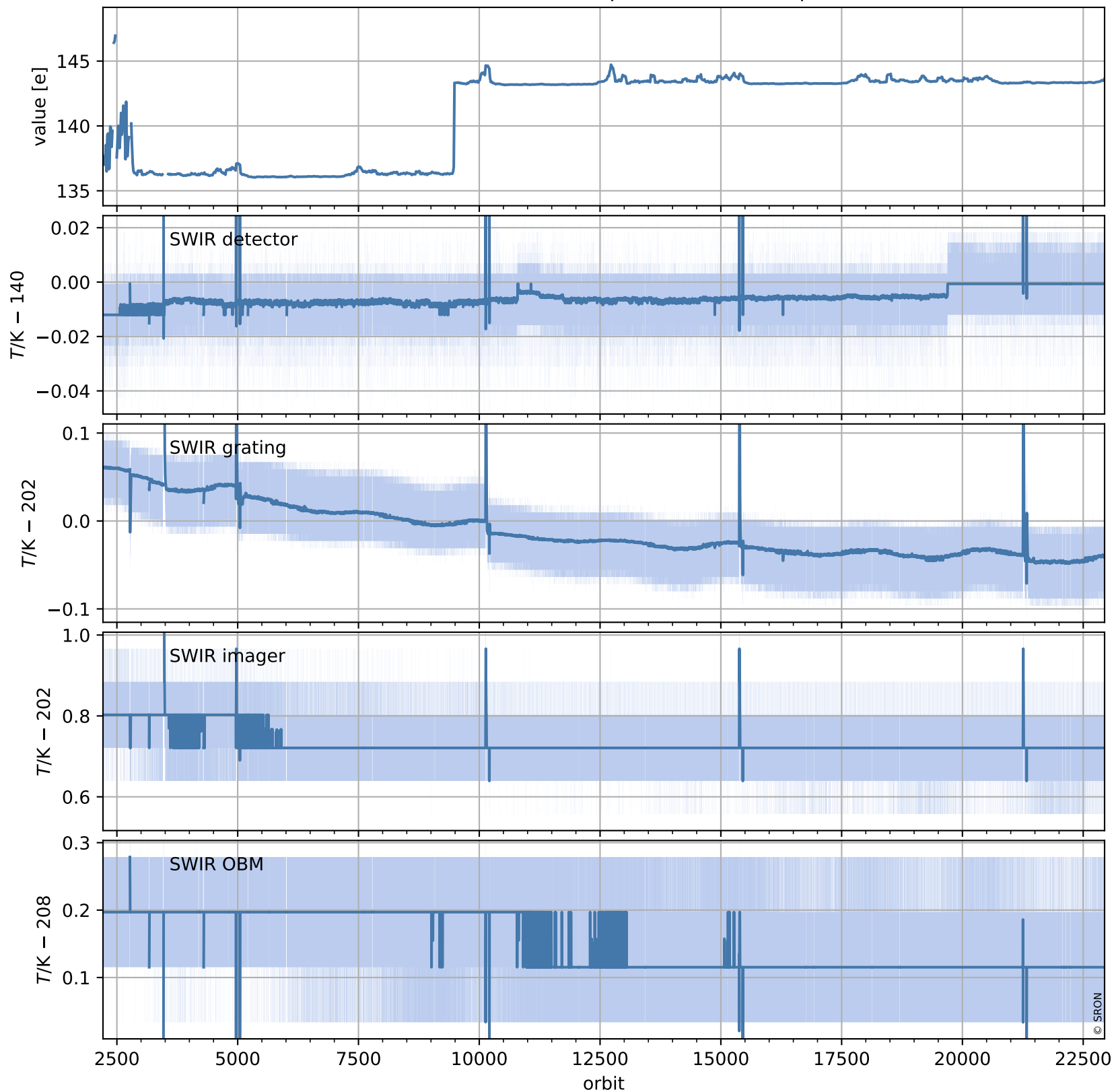
orbits : 12 in [22852, 22942]
coverage : 2022-03-12 / 2022-03-17
created : 2023-08-21T16:27:08



Tropomi SWIR background noise (swir)

orbits : [2212, 22942]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:08

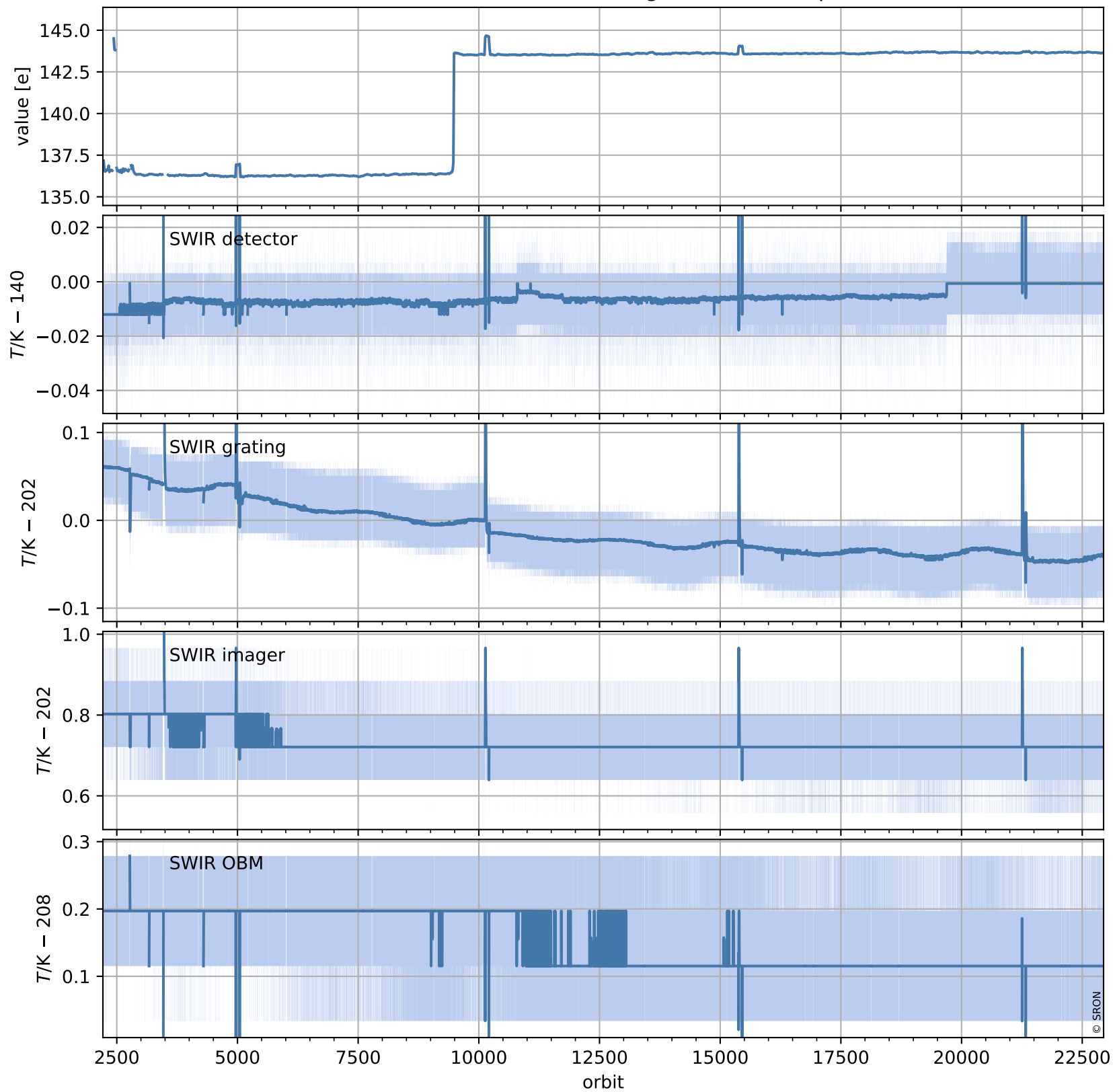
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22942]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22942]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:10

trend of normalized read-noise & temperatures

