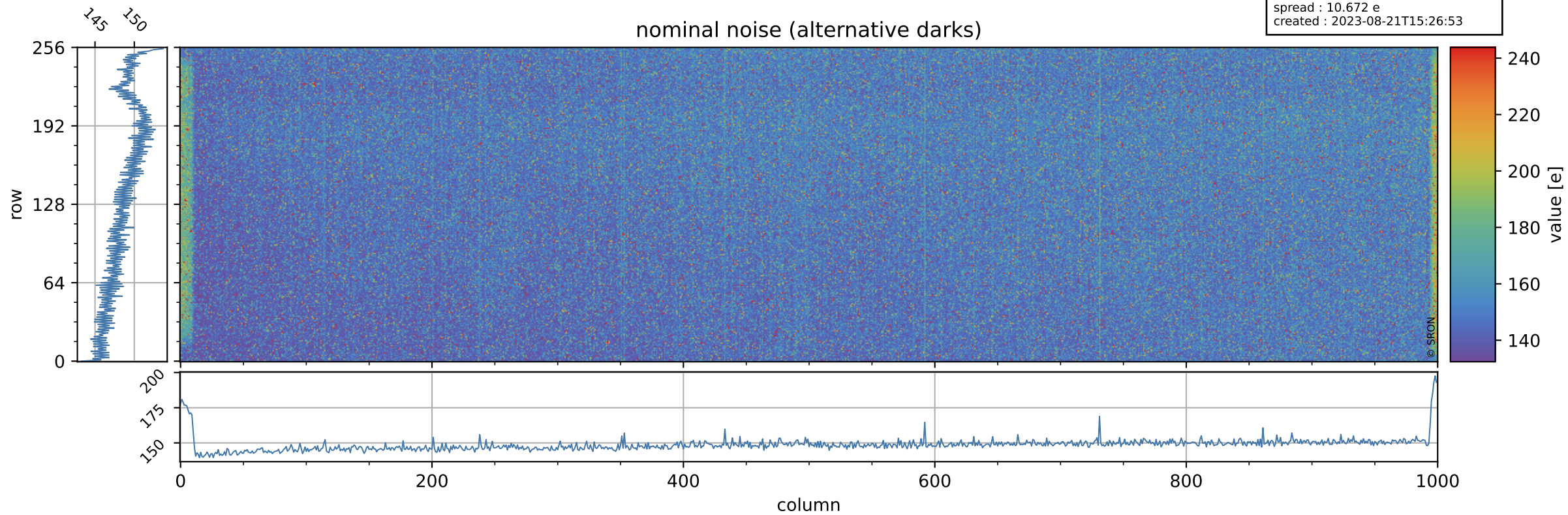


Tropomi SWIR background noise (swir)

orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.672 e
created : 2023-08-21T15:26:53

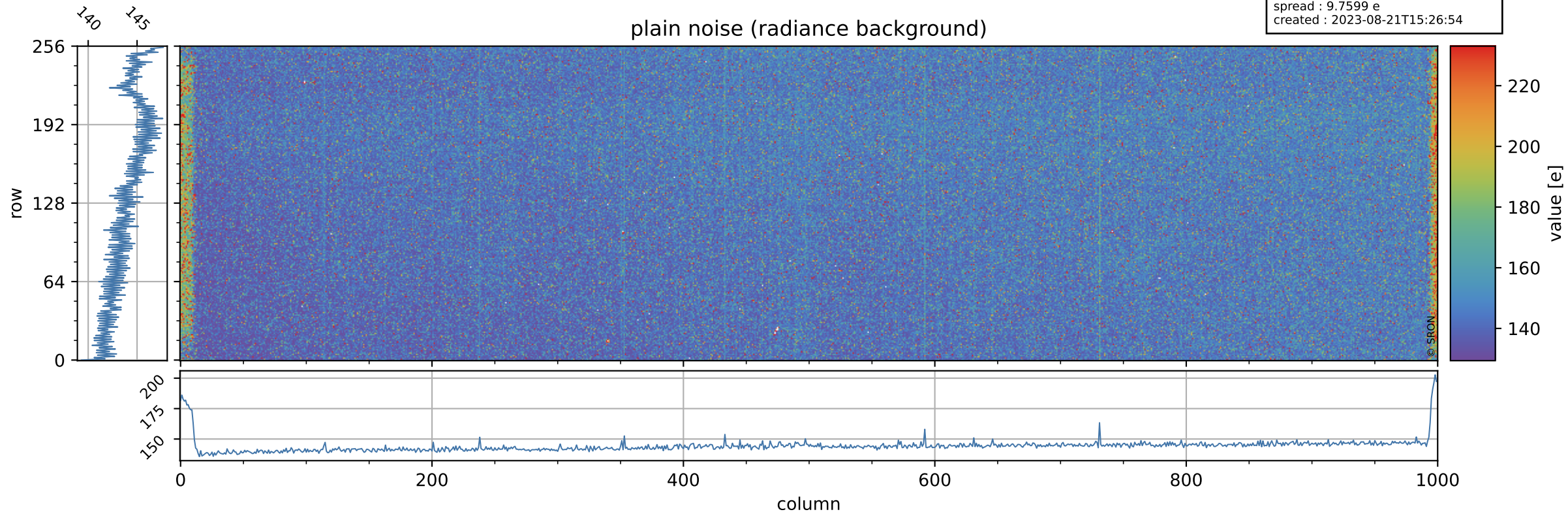
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.7599 e
created : 2023-08-21T15:26:54

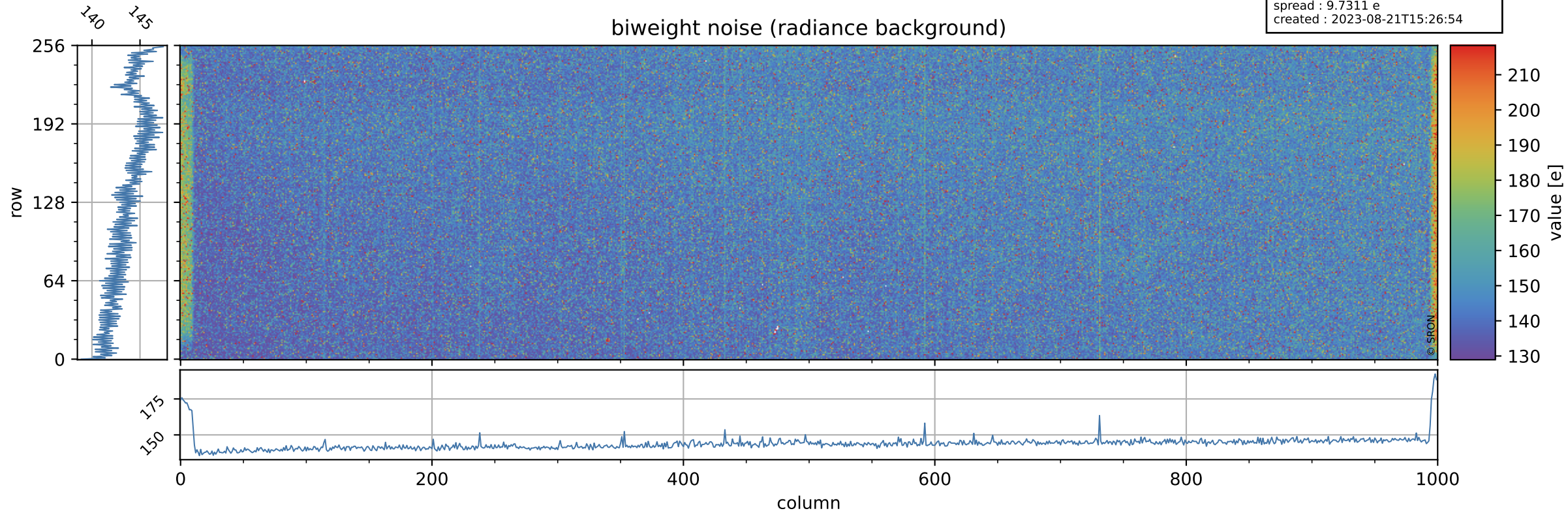
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.7311 e
created : 2023-08-21T15:26:54

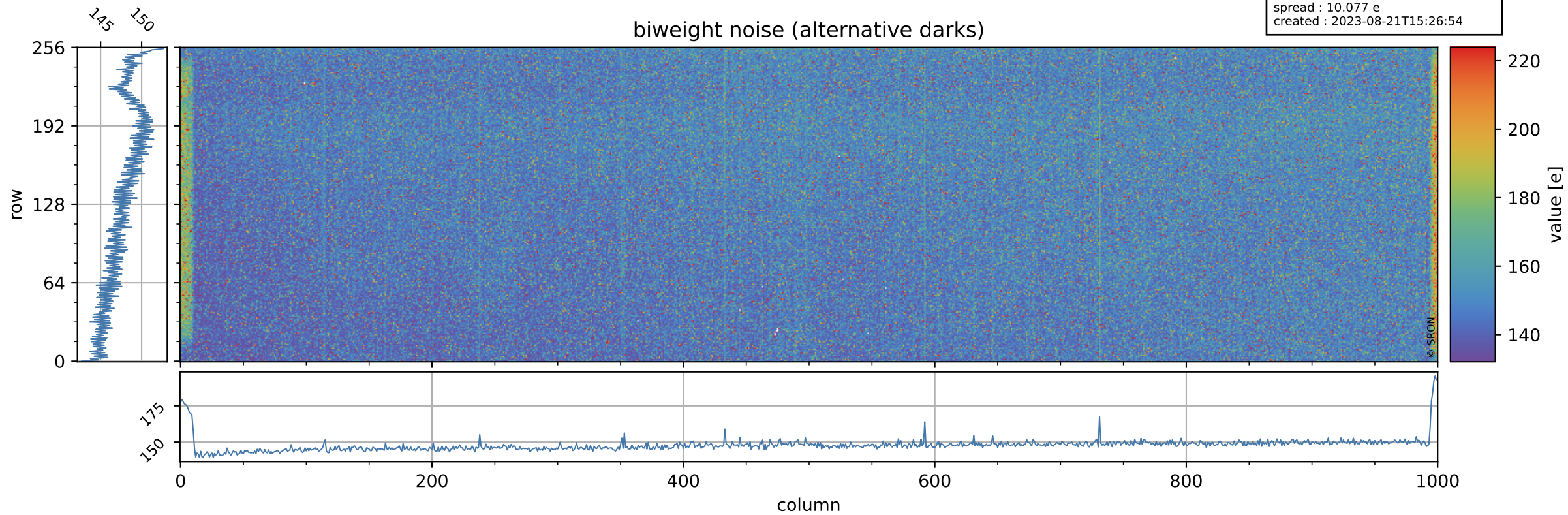
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.077 e
created : 2023-08-21T15:26:54

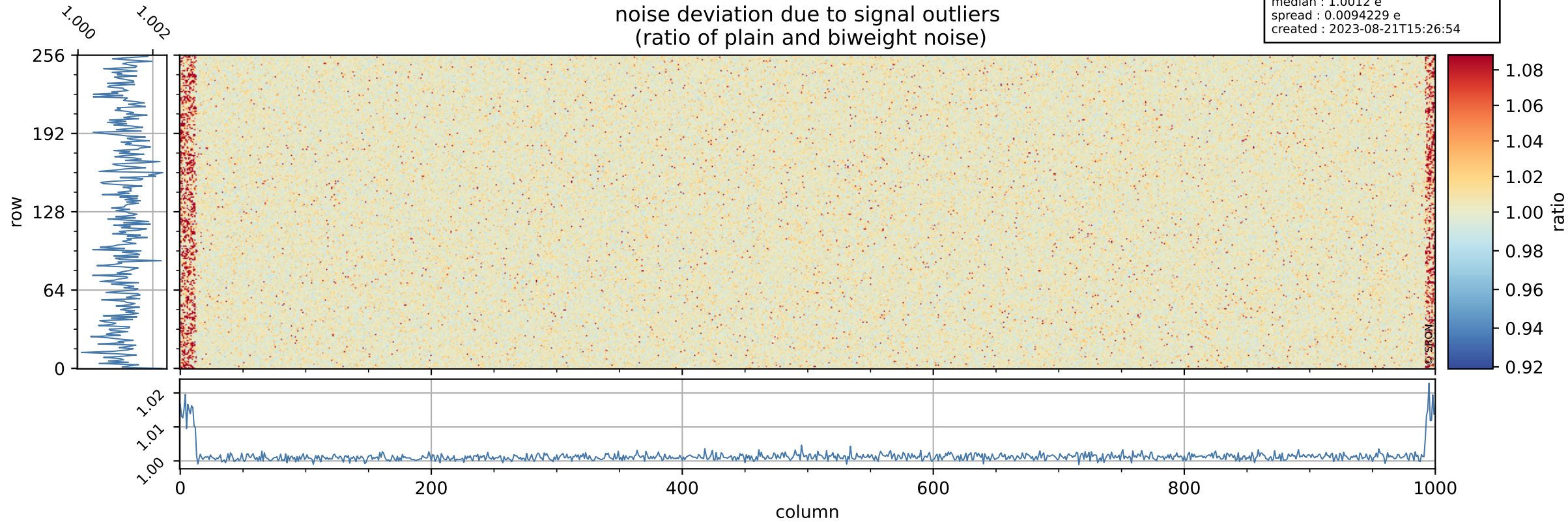
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

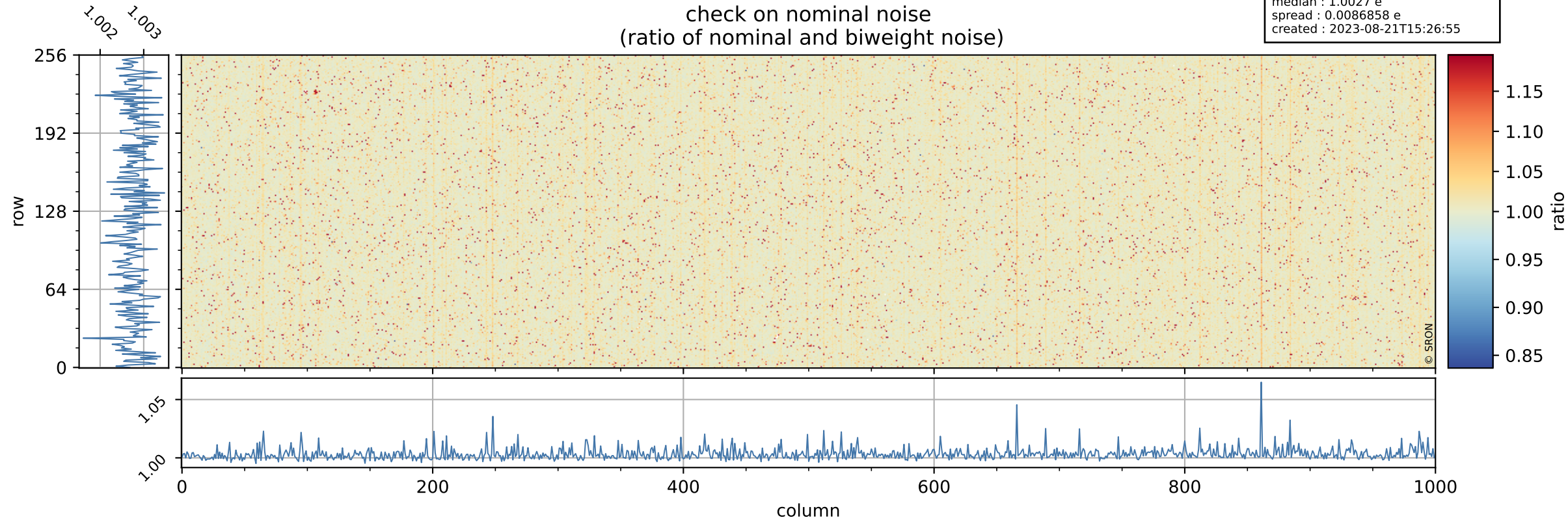
orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
median : 1.0012 e
spread : 0.0094229 e
created : 2023-08-21T15:26:54



Tropomi SWIR background noise (swir)

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

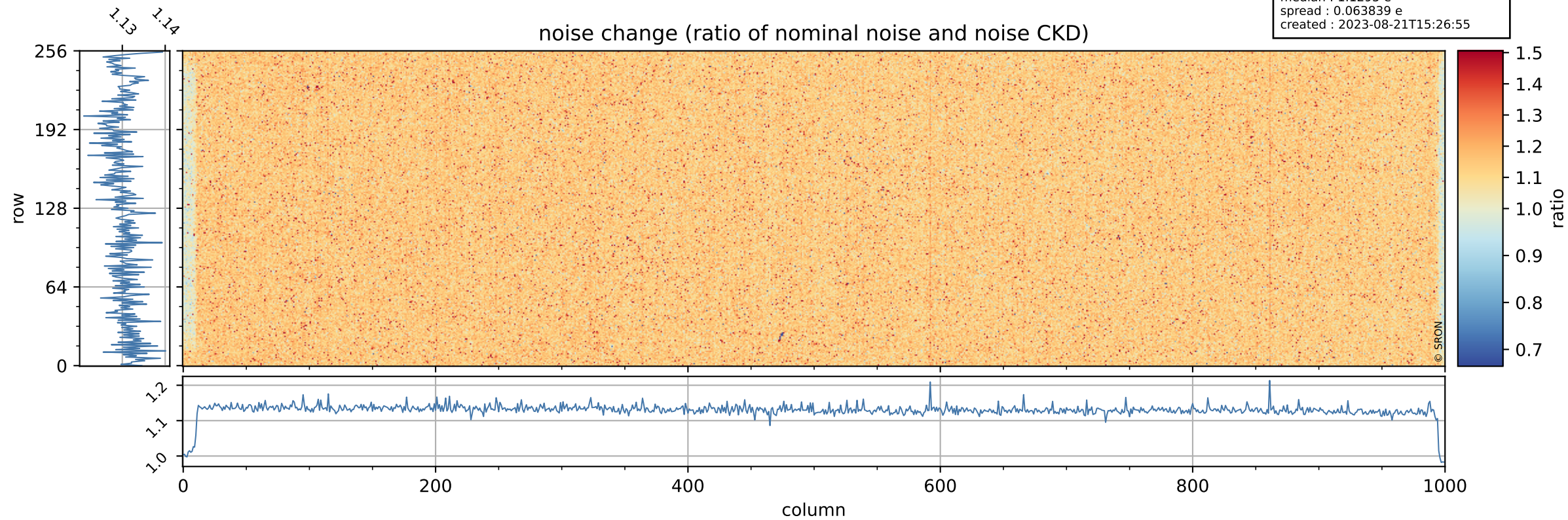
orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
median : 1.0027 e
spread : 0.0086858 e
created : 2023-08-21T15:26:55



Tropomi SWIR background noise (swir)

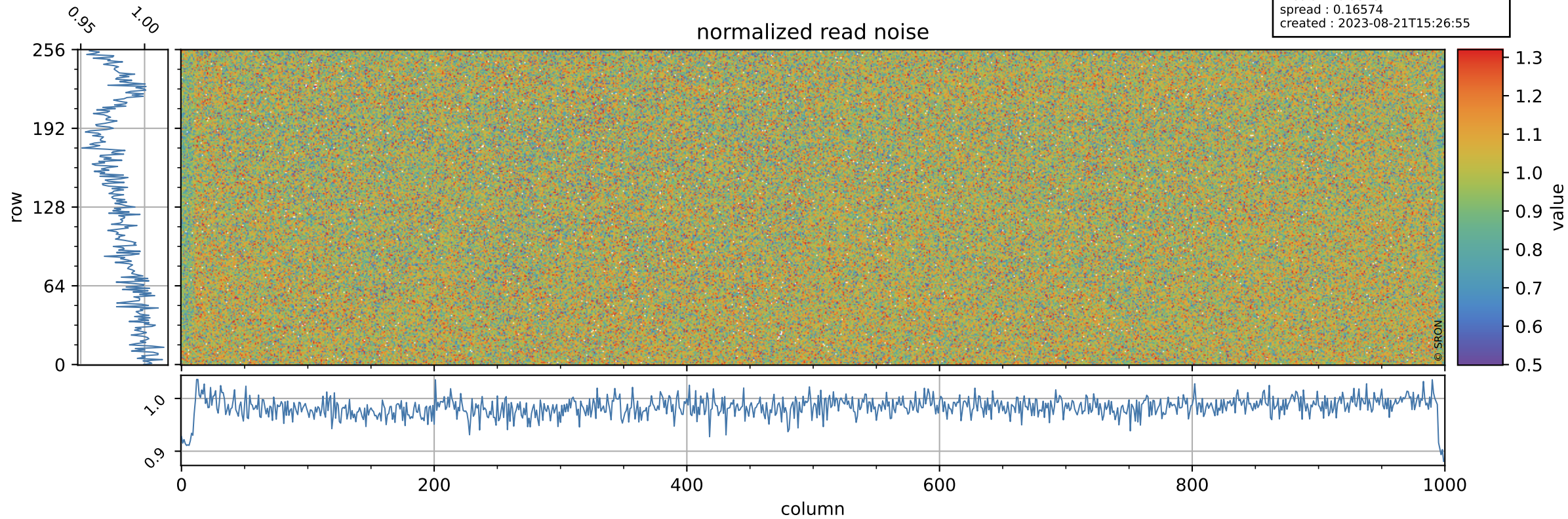
orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
median : 1.1295 e
spread : 0.063839 e
created : 2023-08-21T15:26:55

noise change (ratio of nominal noise and noise CKD)



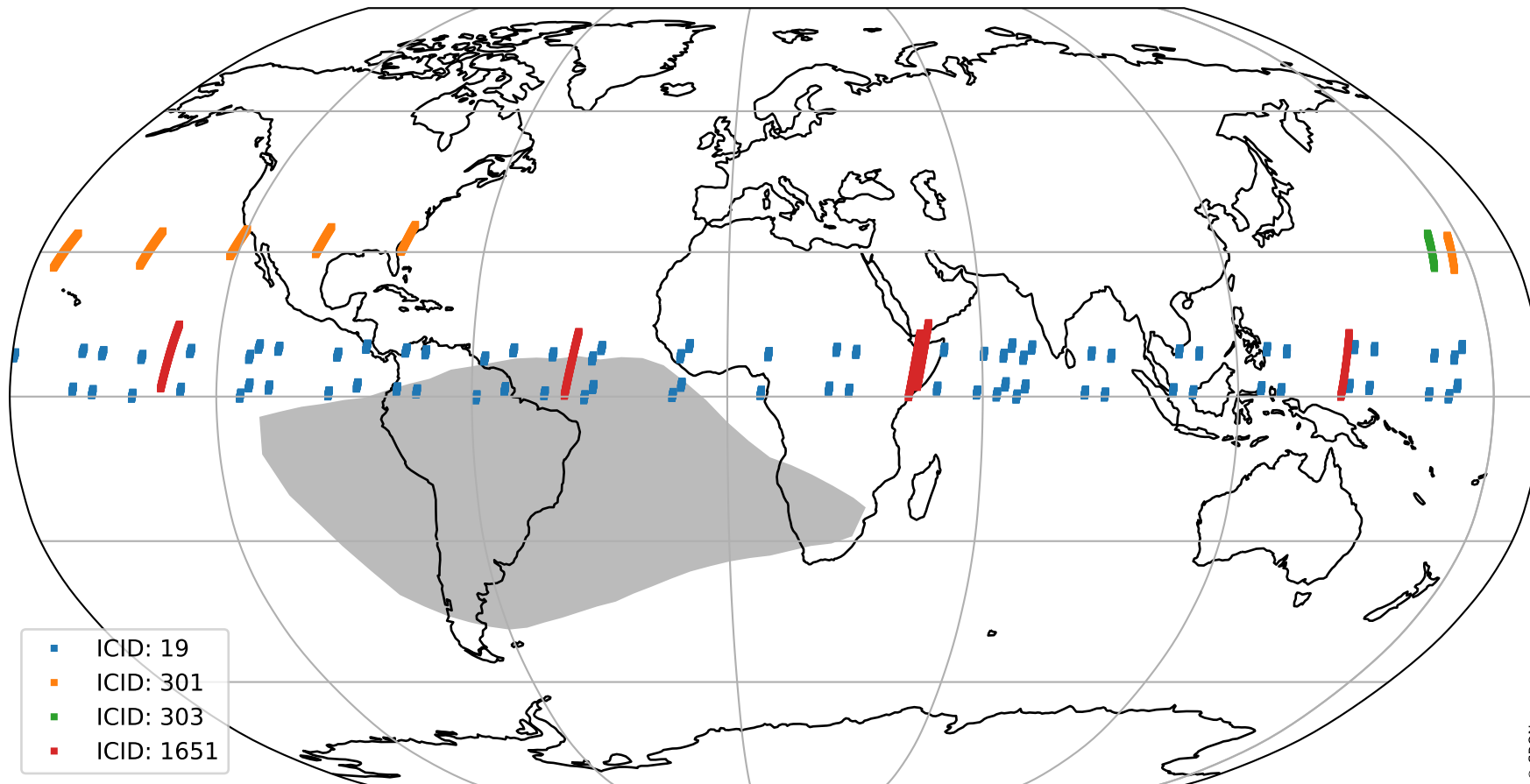
Tropomi SWIR background noise (swir)

orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
median : 0.98181
spread : 0.16574
created : 2023-08-21T15:26:55



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

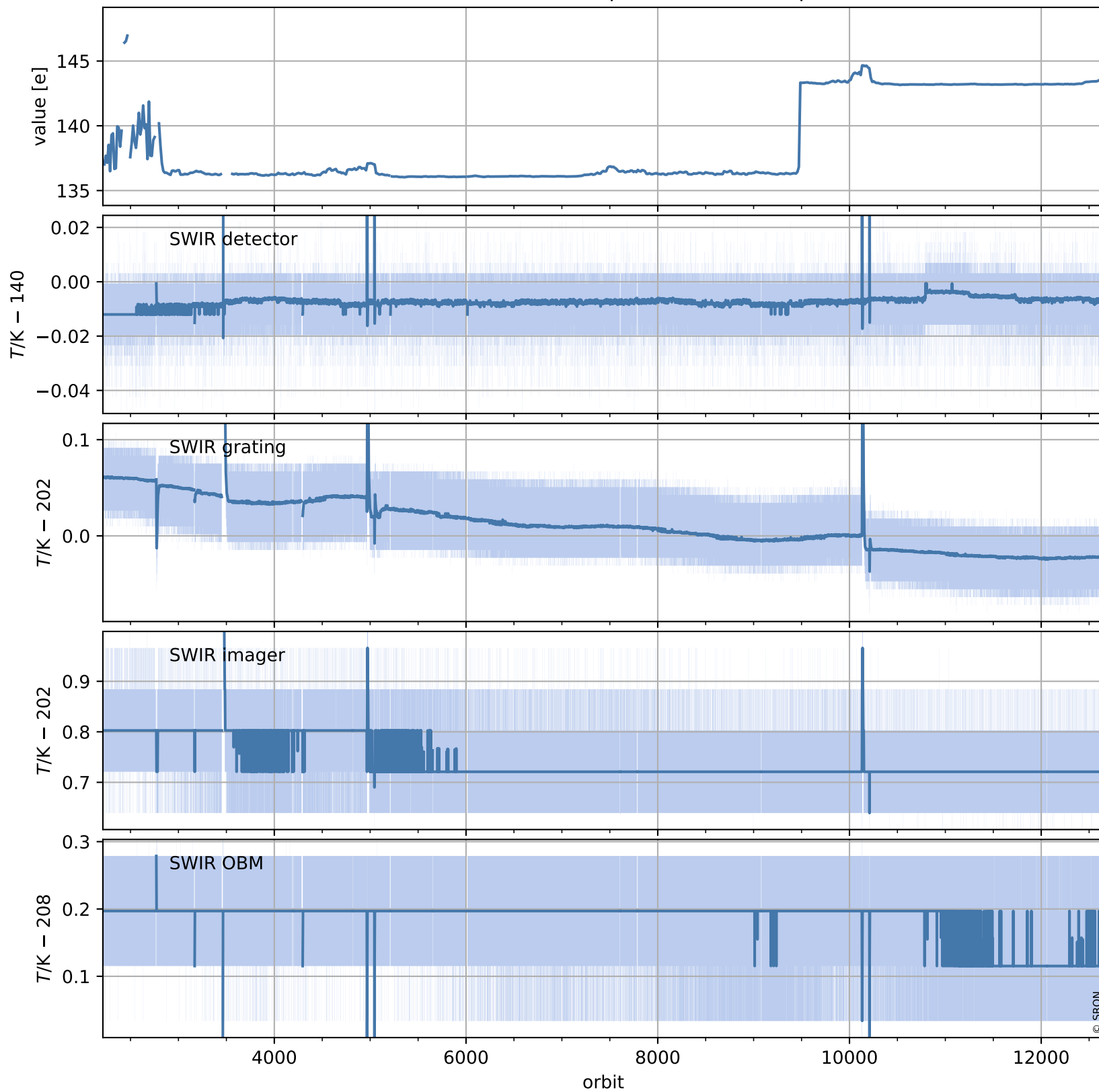
orbits : 12 in [12562, 12652]
coverage : 2020-03-17 / 2020-03-22
created : 2023-08-21T15:26:56



Tropomi SWIR background noise (swir)

orbits : [2212, 12652]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:56

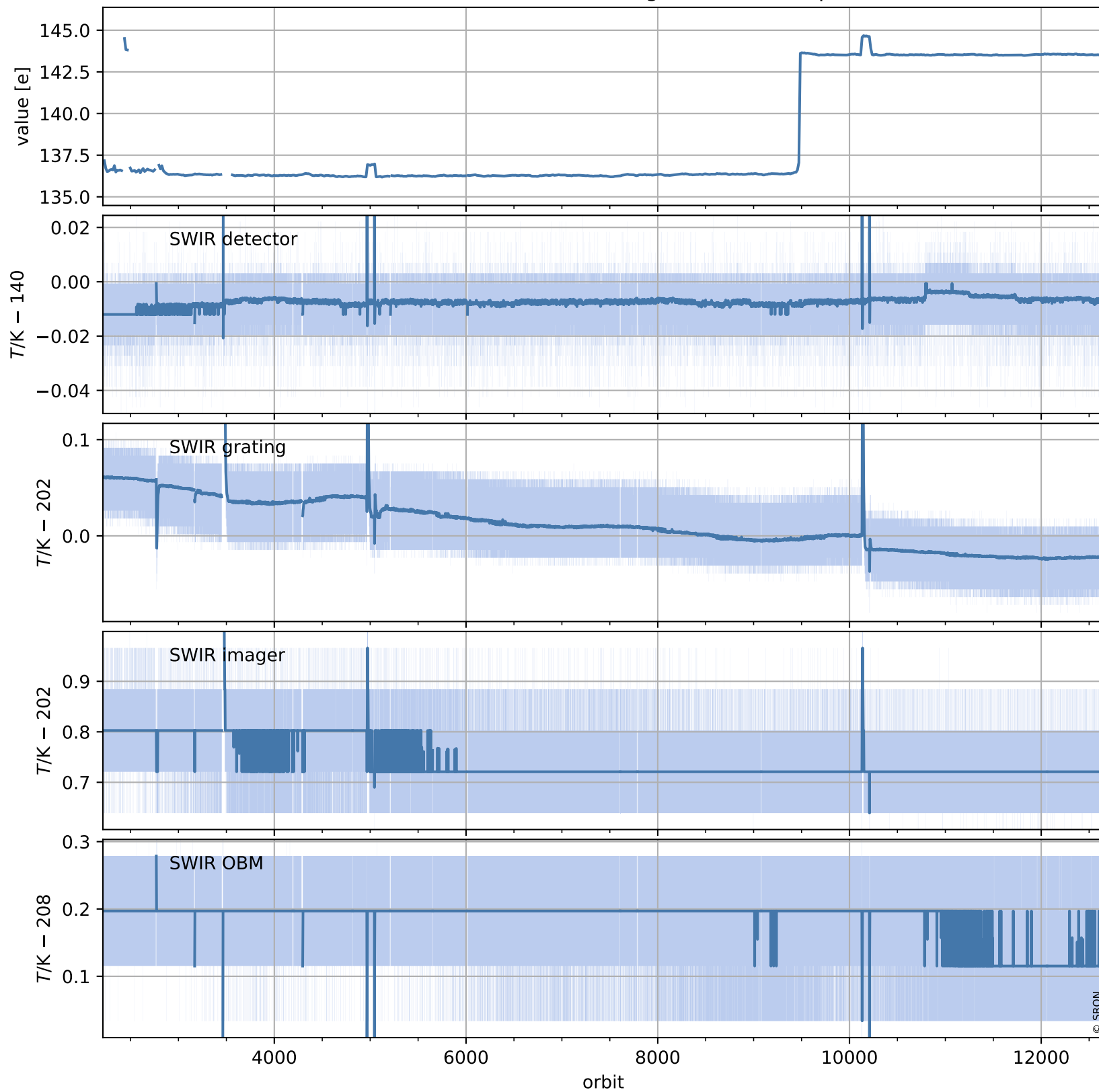
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12652]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12652]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:57

trend of normalized read-noise & temperatures

