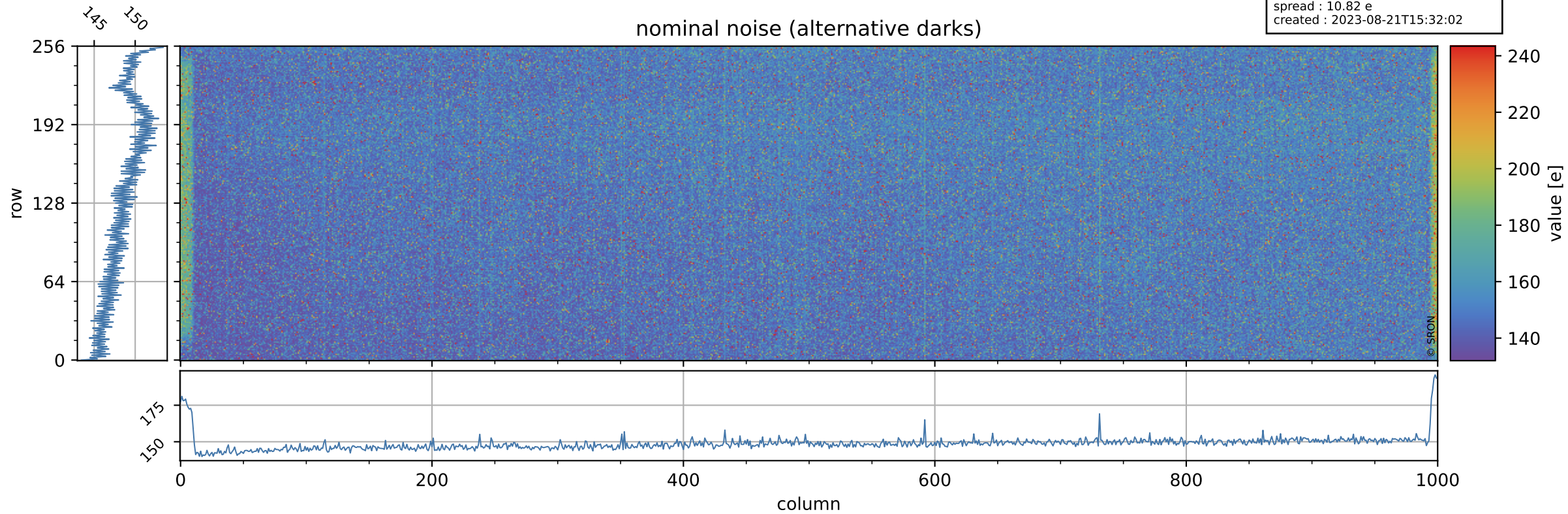


Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.82 e
created : 2023-08-21T15:32:02

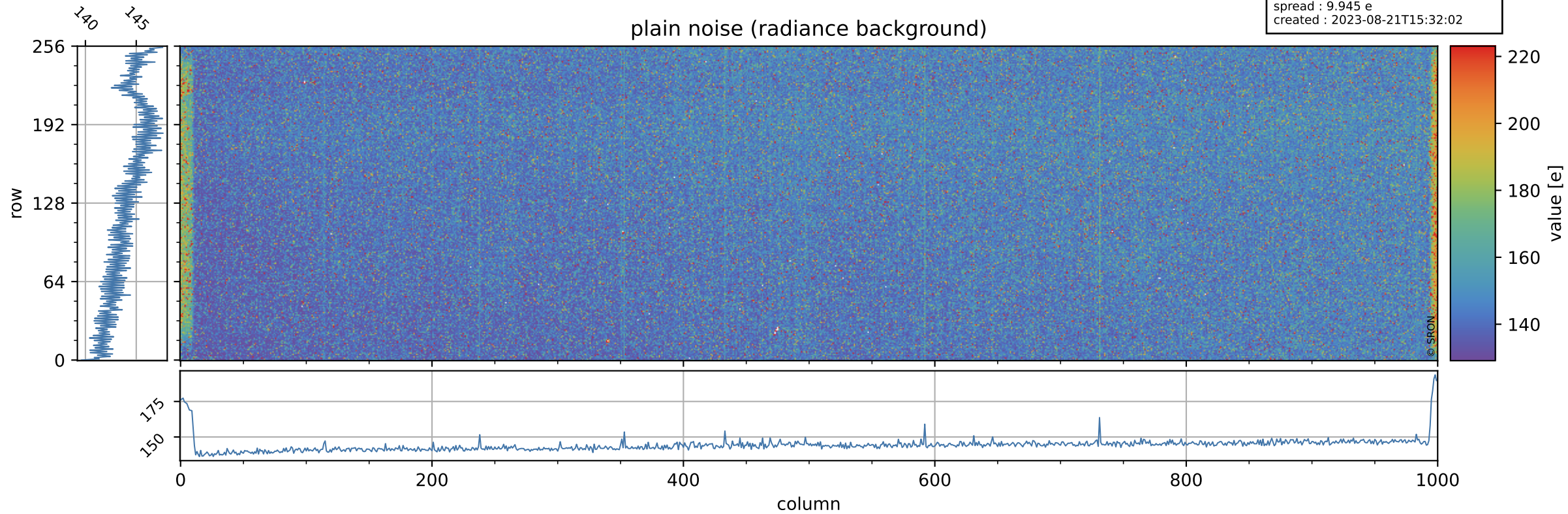
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
n_coad, t_exp : 1, 0.8383
median : 144.03 e
spread : 9.945 e
created : 2023-08-21T15:32:02

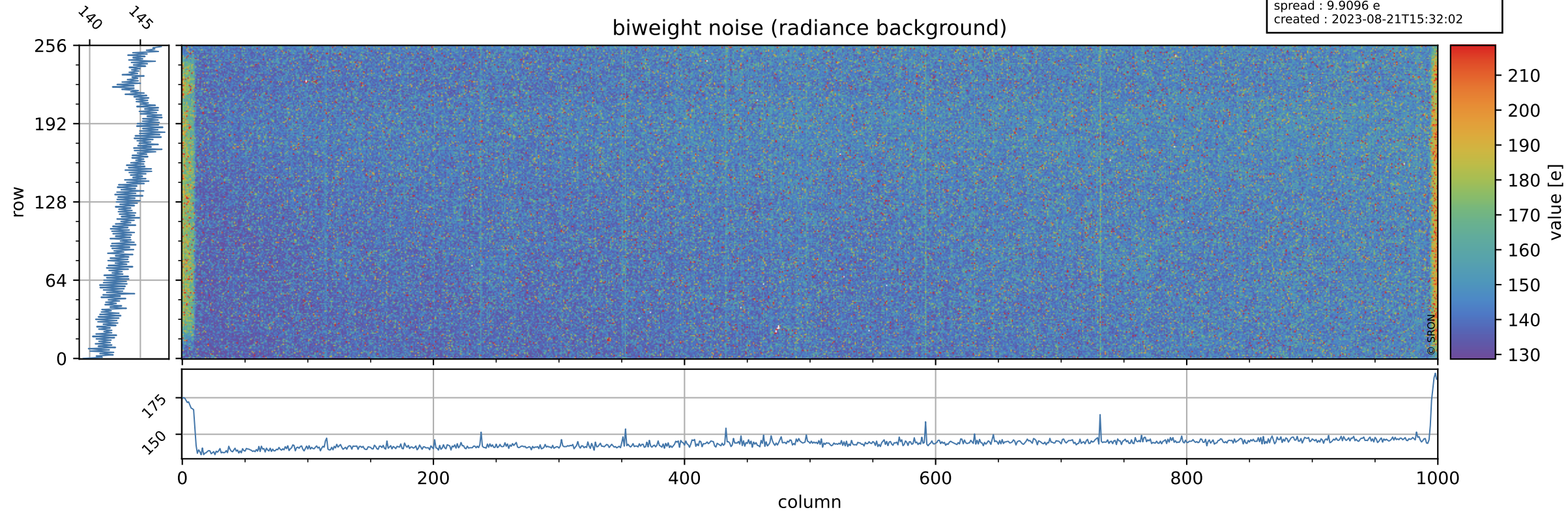
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9096 e
created : 2023-08-21T15:32:02

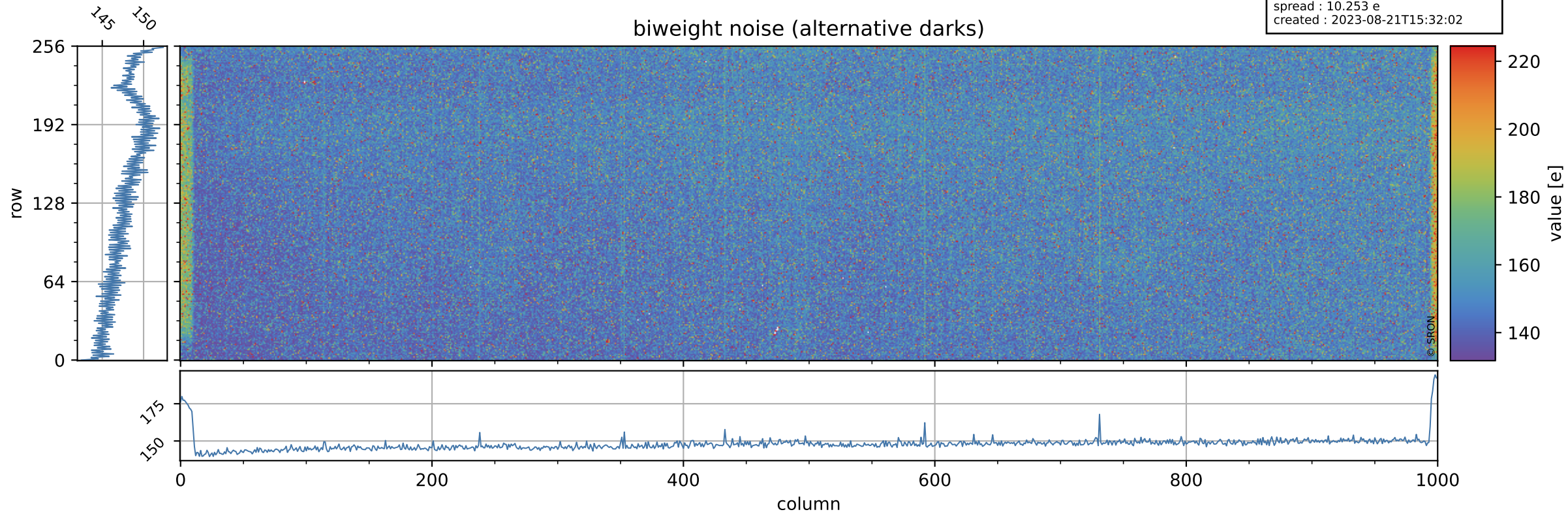
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.253 e
created : 2023-08-21T15:32:02

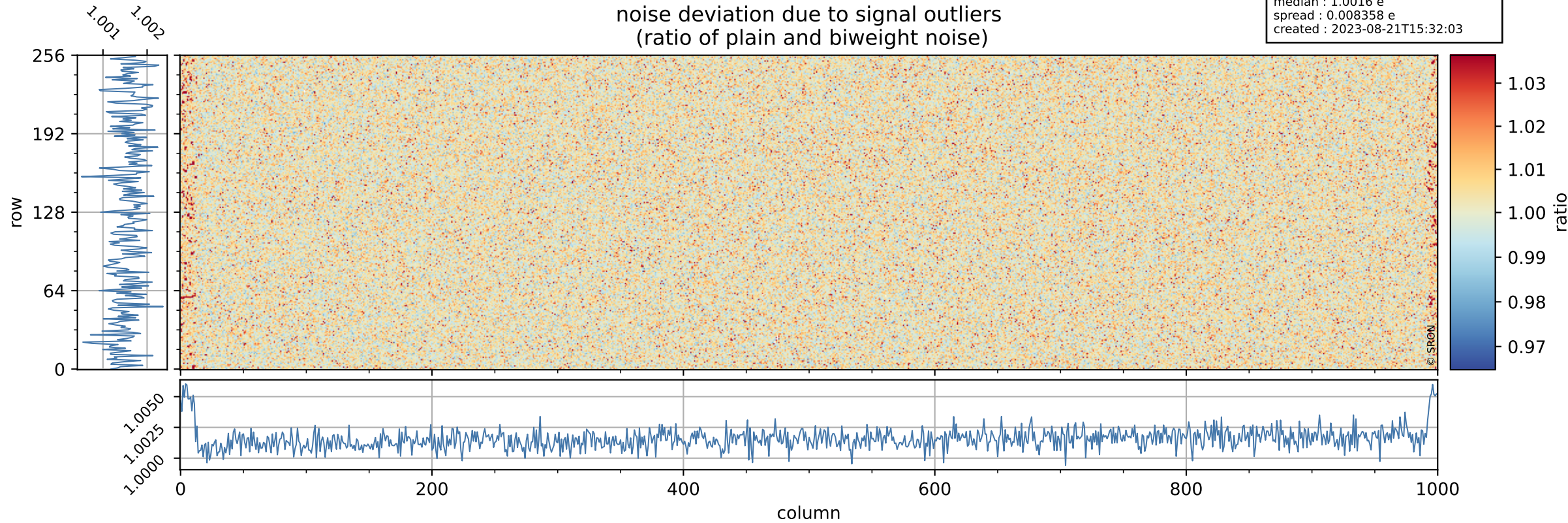
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

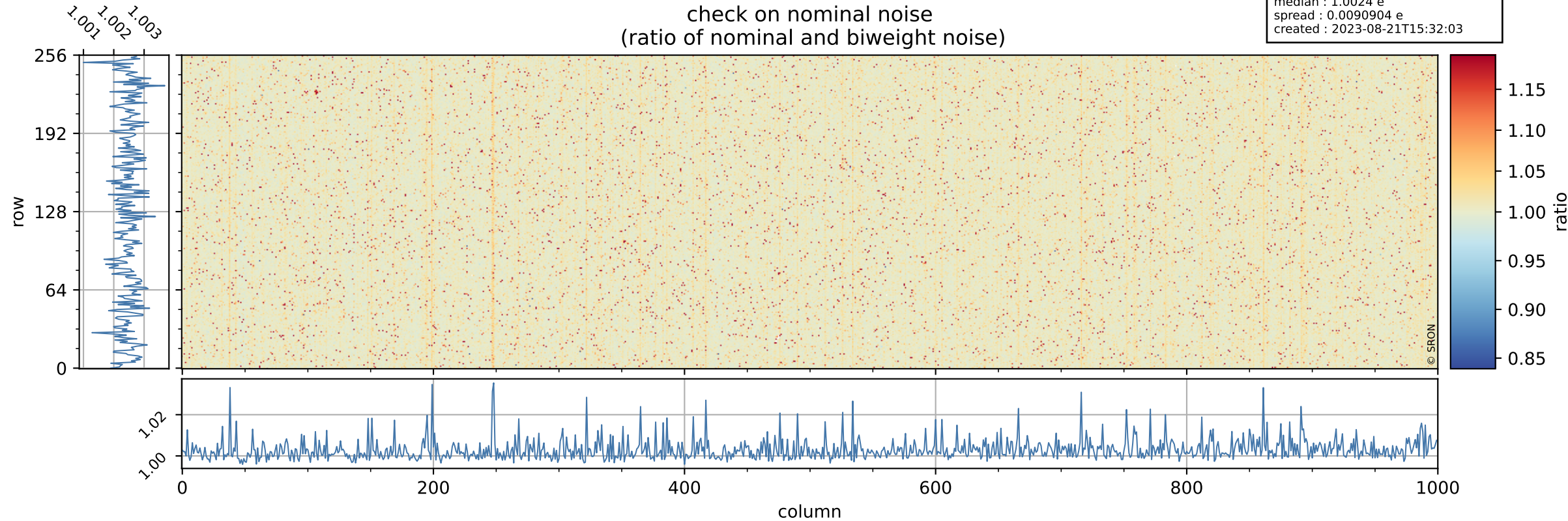
orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
median : 1.0016 e
spread : 0.008358 e
created : 2023-08-21T15:32:03



Tropomi SWIR background noise (swir)

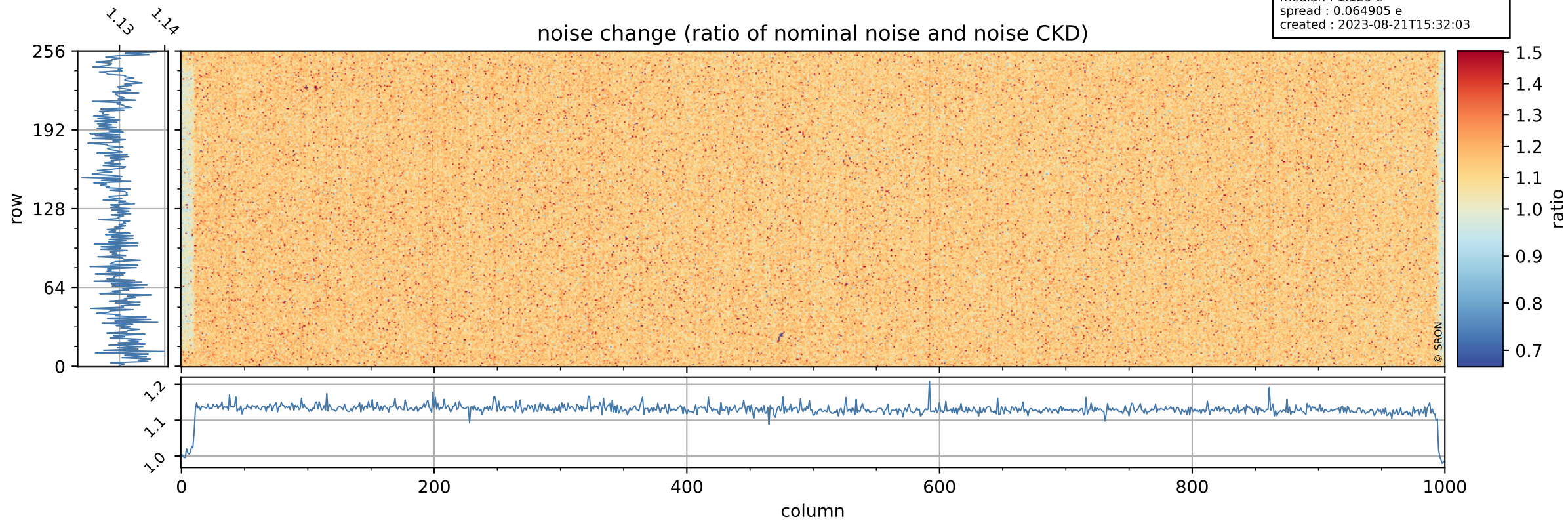
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
median : 1.0024 e
spread : 0.0090904 e
created : 2023-08-21T15:32:03



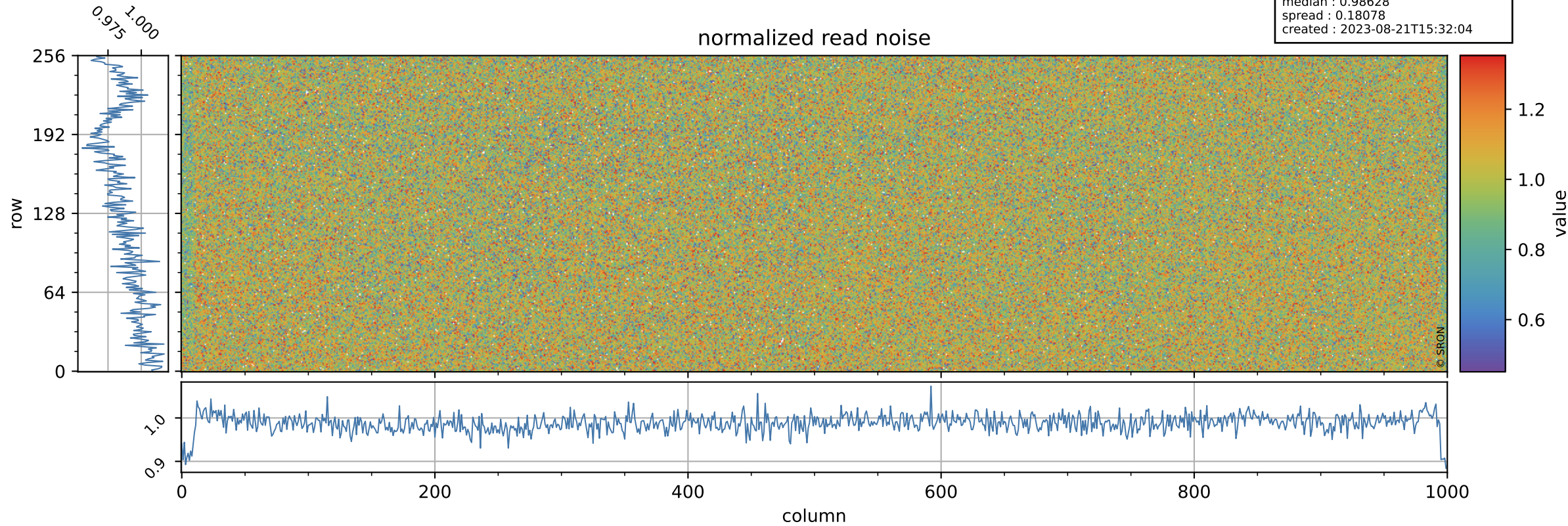
Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
median : 1.129 e
spread : 0.064905 e
created : 2023-08-21T15:32:03



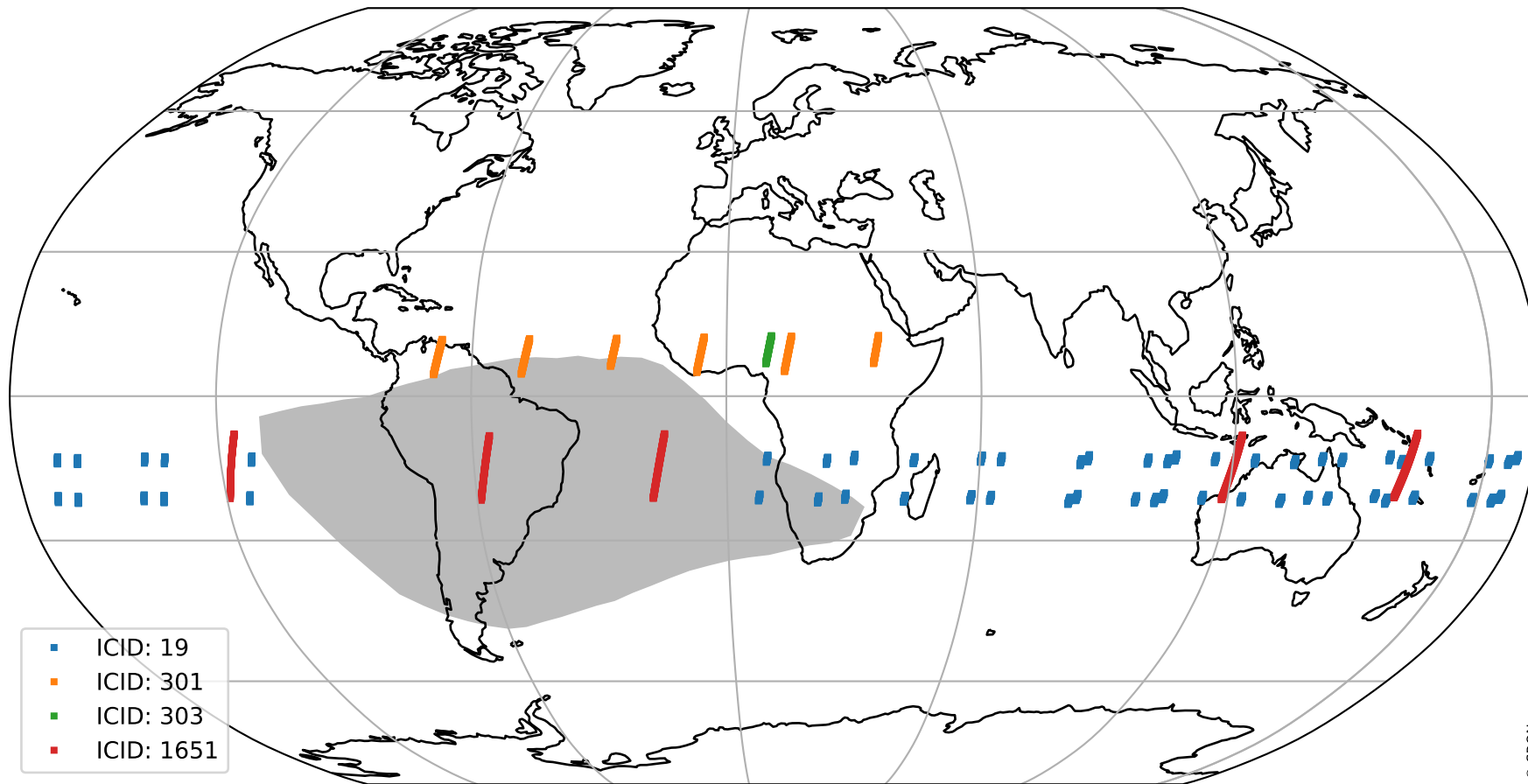
Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
median : 0.98628
spread : 0.18078
created : 2023-08-21T15:32:04



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

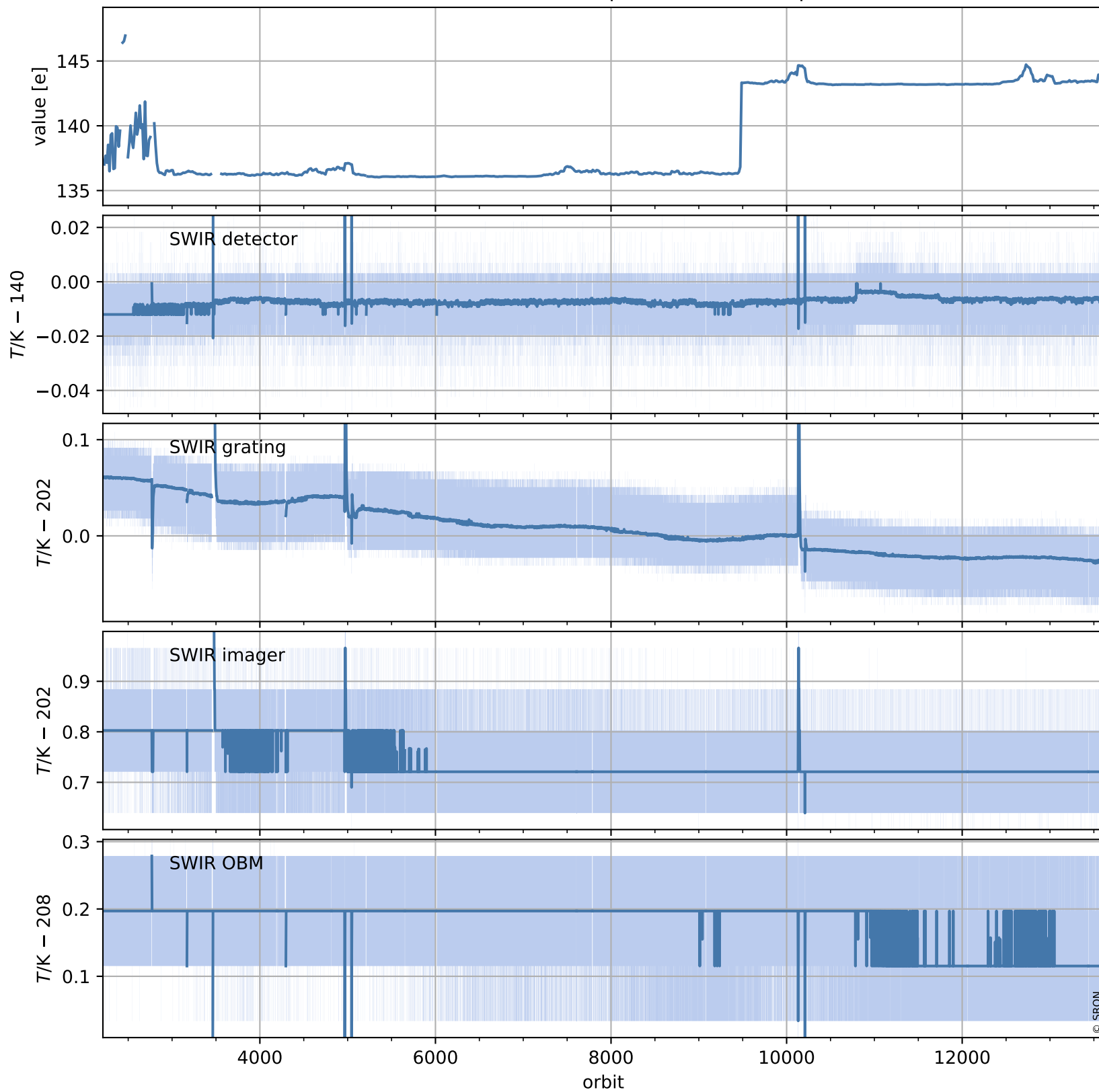
orbits : 12 in [13537, 13612]
coverage : 2020-05-23 / 2020-05-29
created : 2023-08-21T15:32:04



Tropomi SWIR background noise (swir)

orbits : [2212, 13612]
coverage : 2018-03-18 / 2020-05-29
created : 2023-08-21T15:32:04

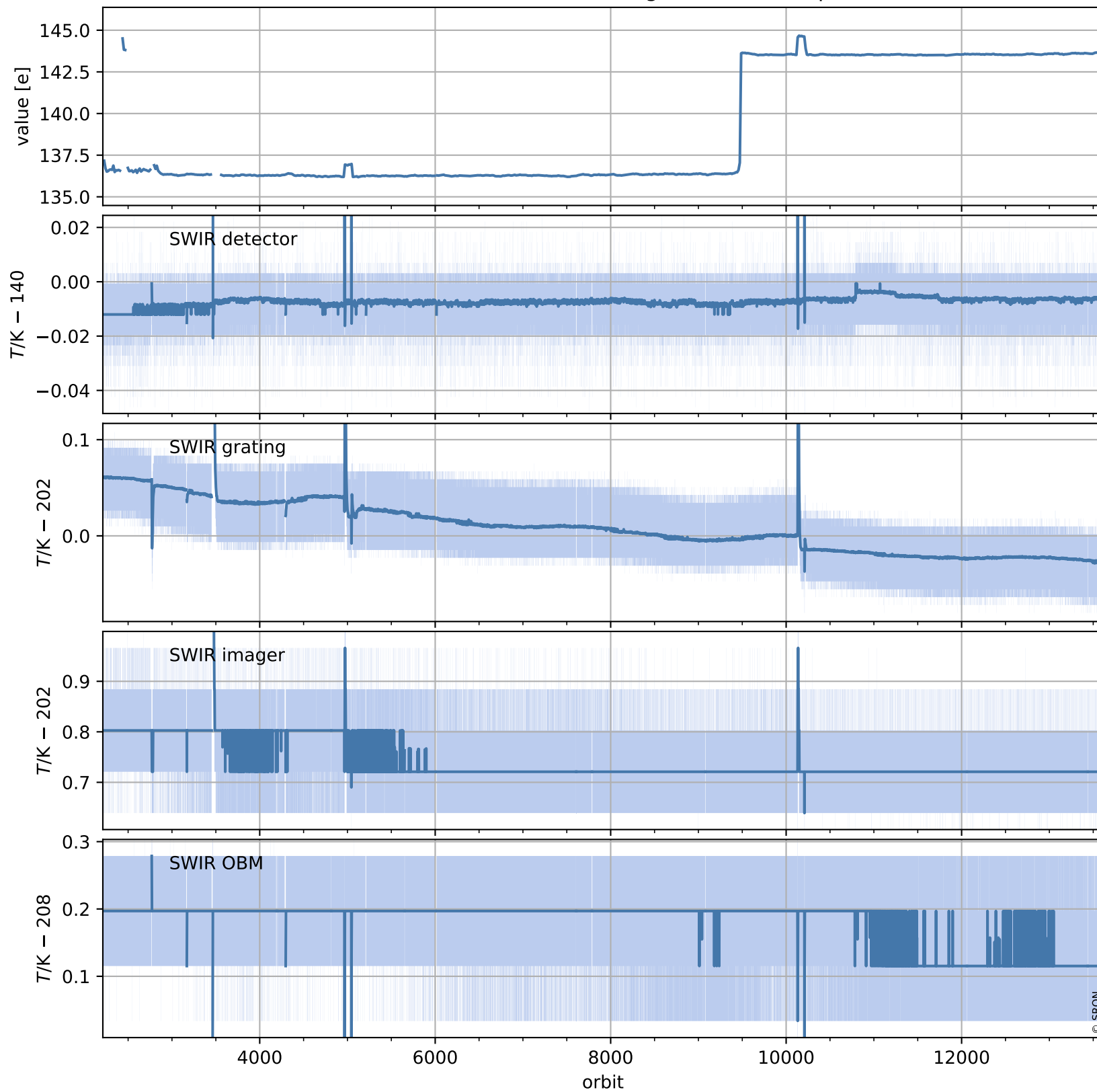
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13612]
coverage : 2018-03-18 / 2020-05-29
created : 2023-08-21T15:32:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13612]
coverage : 2018-03-18 / 2020-05-29
created : 2023-08-21T15:32:05

trend of normalized read-noise & temperatures

