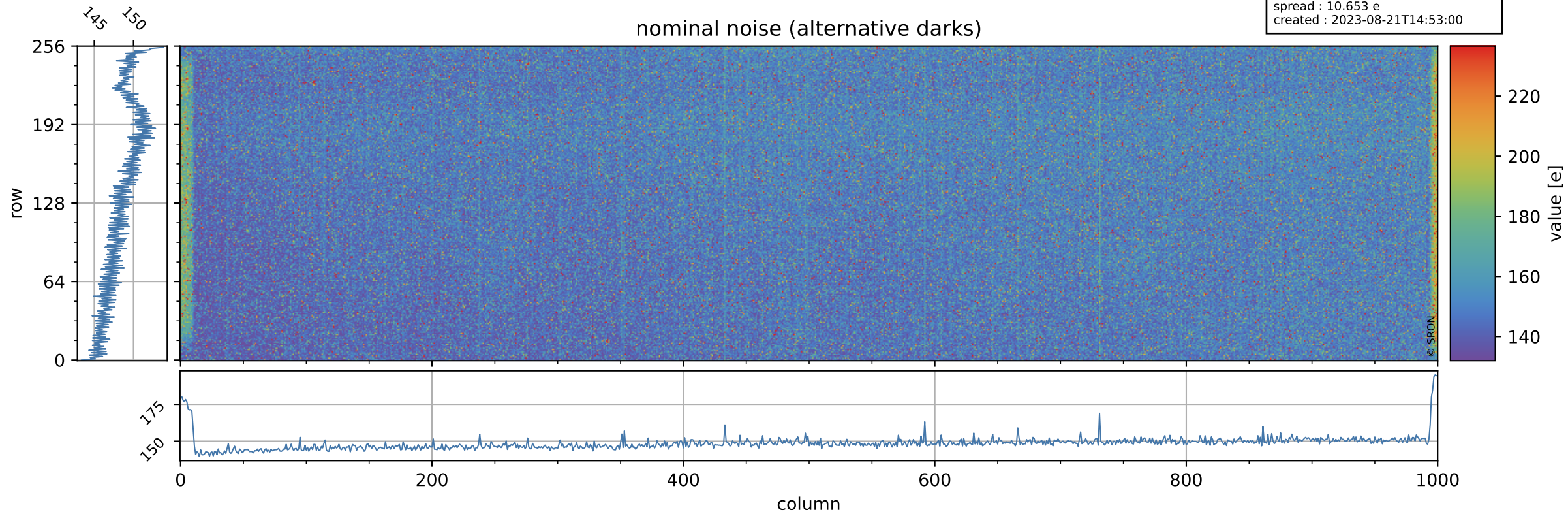


Tropomi SWIR background noise (swir)

orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.653 e
created : 2023-08-21T14:53:00

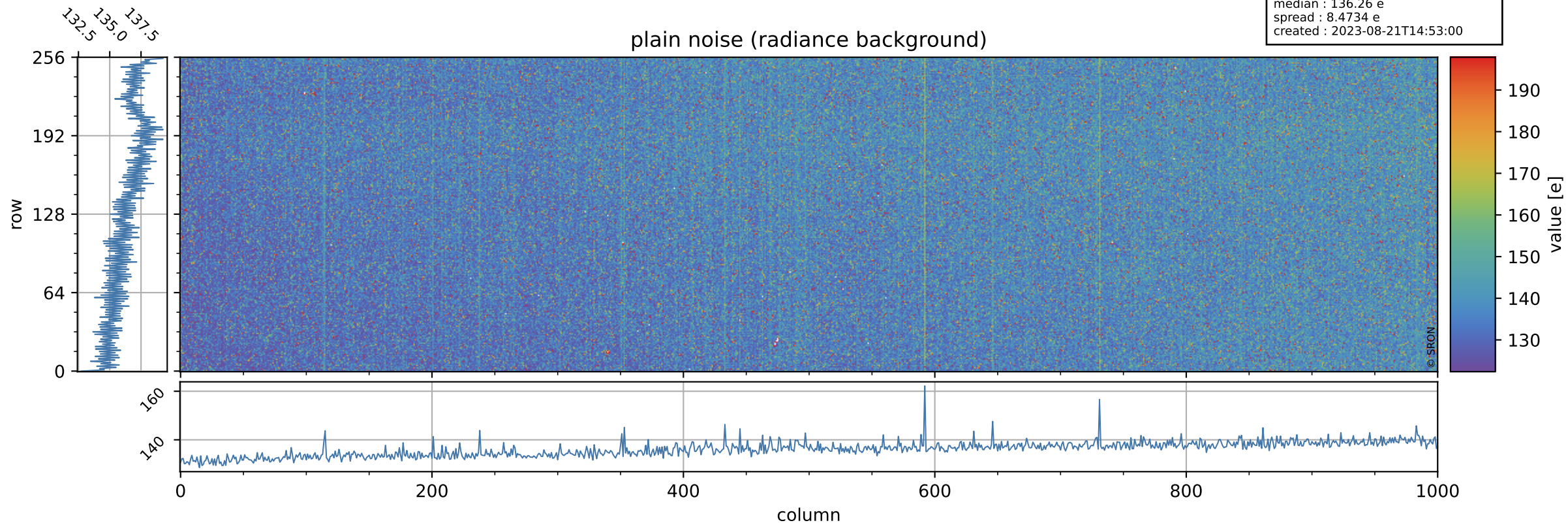
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.4734 e
created : 2023-08-21T14:53:00

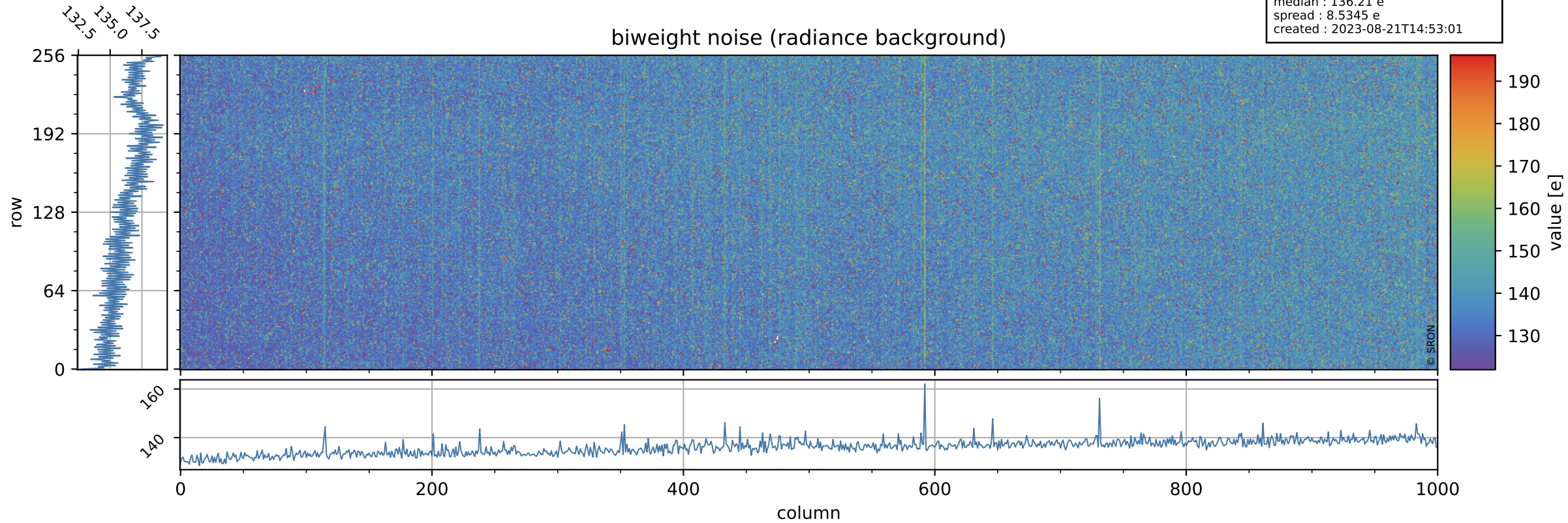
plain noise (radiance background)



Tropomi SWIR background noise (swir)

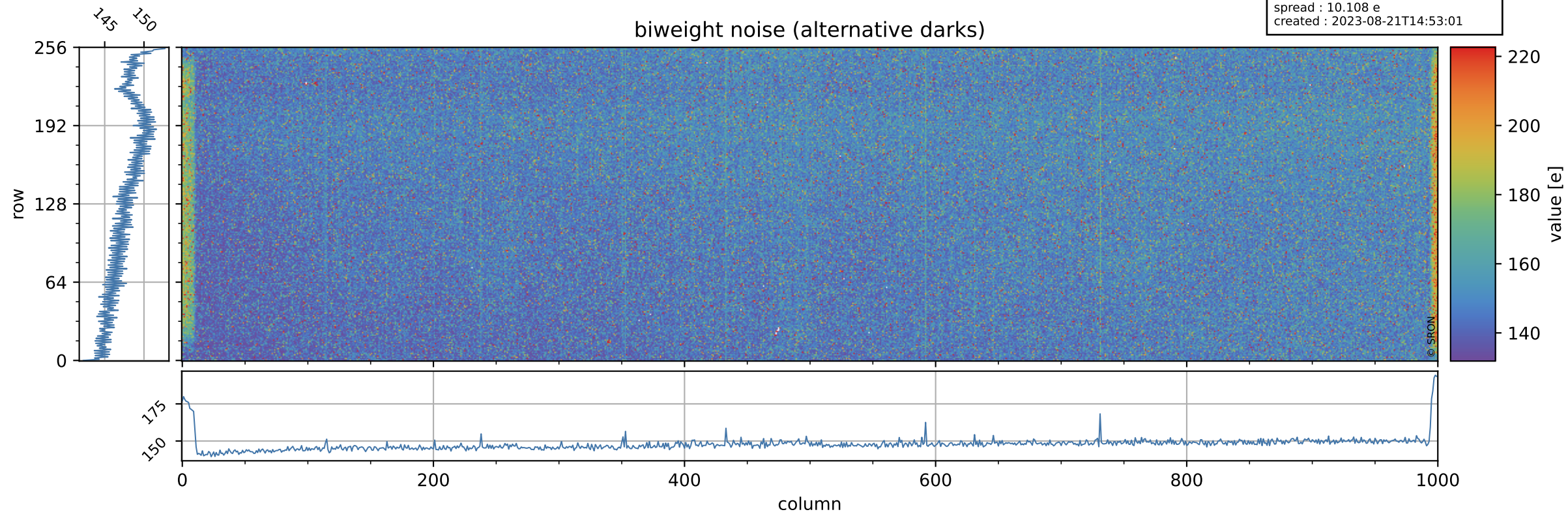
orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5345 e
created : 2023-08-21T14:53:01

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

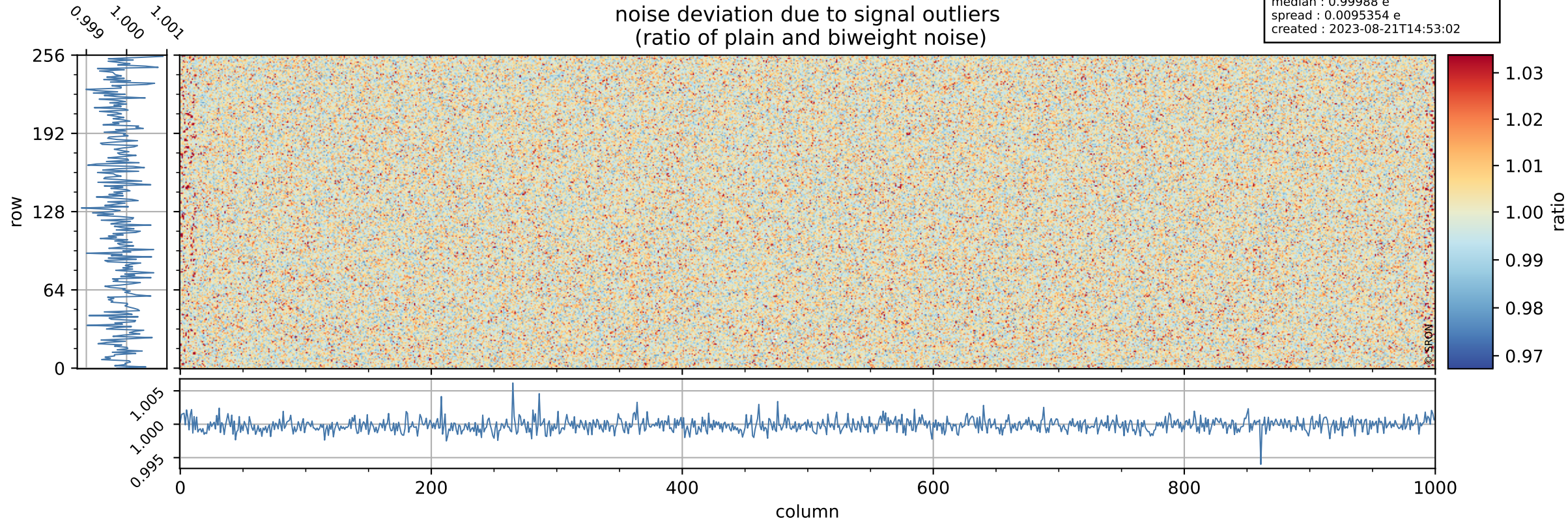
orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.108 e
created : 2023-08-21T14:53:01



Tropomi SWIR background noise (swir)

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

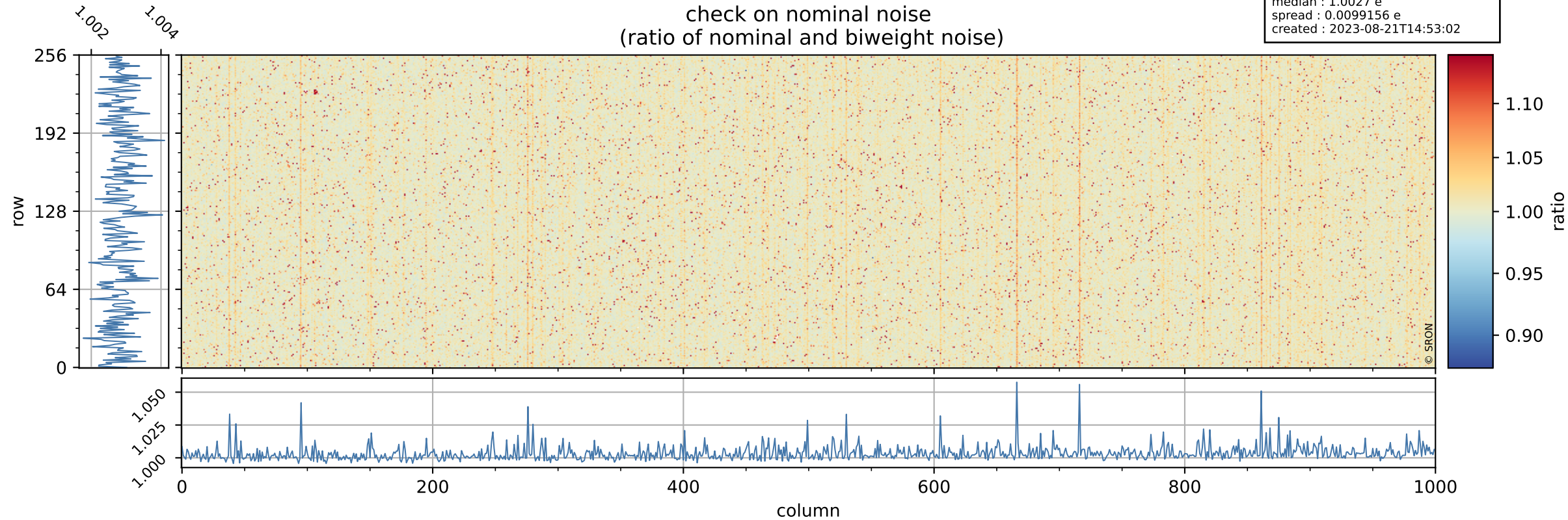
orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
median : 0.99988 e
spread : 0.0095354 e
created : 2023-08-21T14:53:02



Tropomi SWIR background noise (swir)

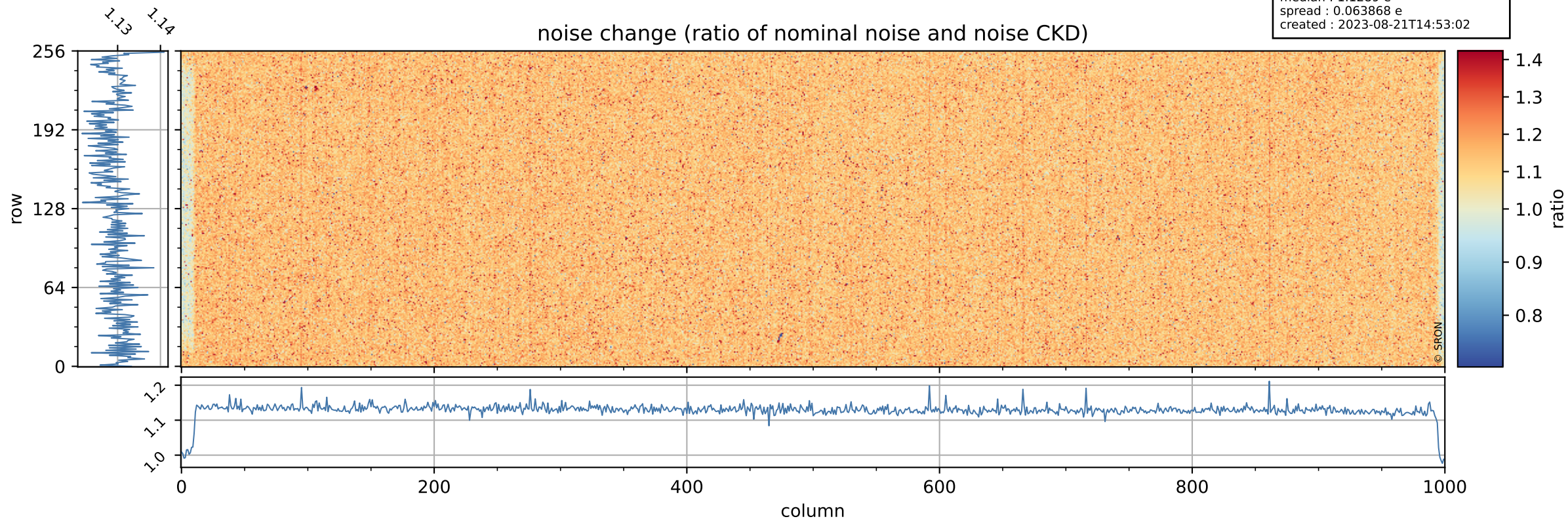
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
median : 1.0027 e
spread : 0.0099156 e
created : 2023-08-21T14:53:02



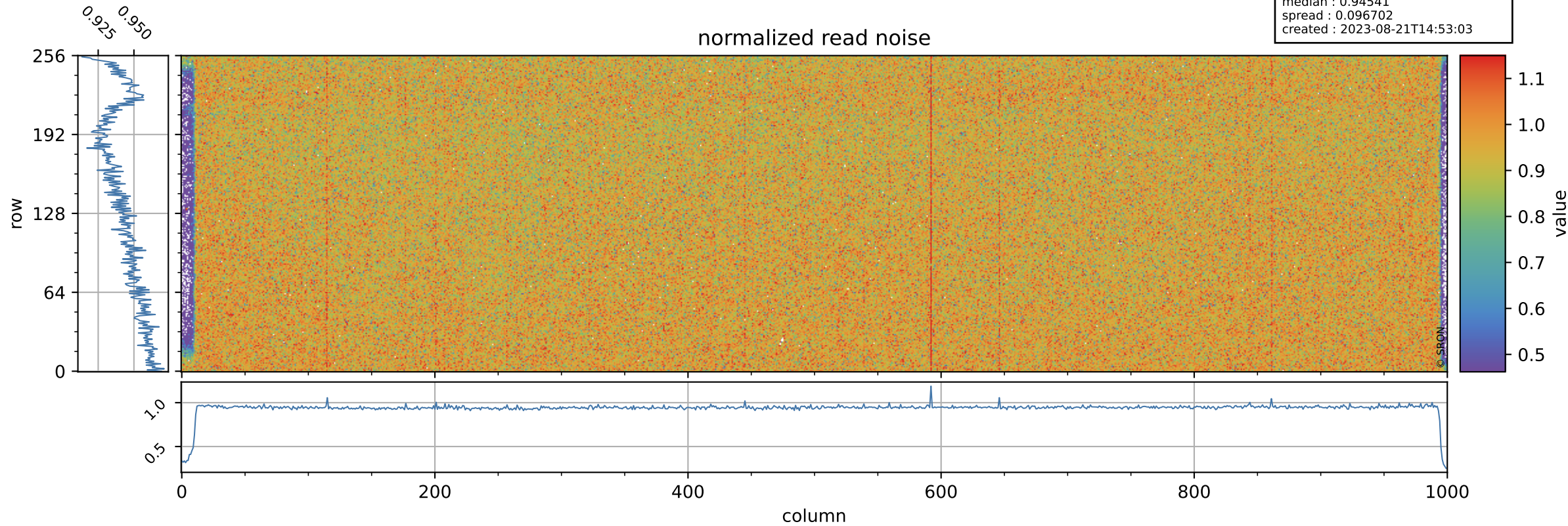
Tropomi SWIR background noise (swir)

orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
median : 1.1289 e
spread : 0.063868 e
created : 2023-08-21T14:53:02



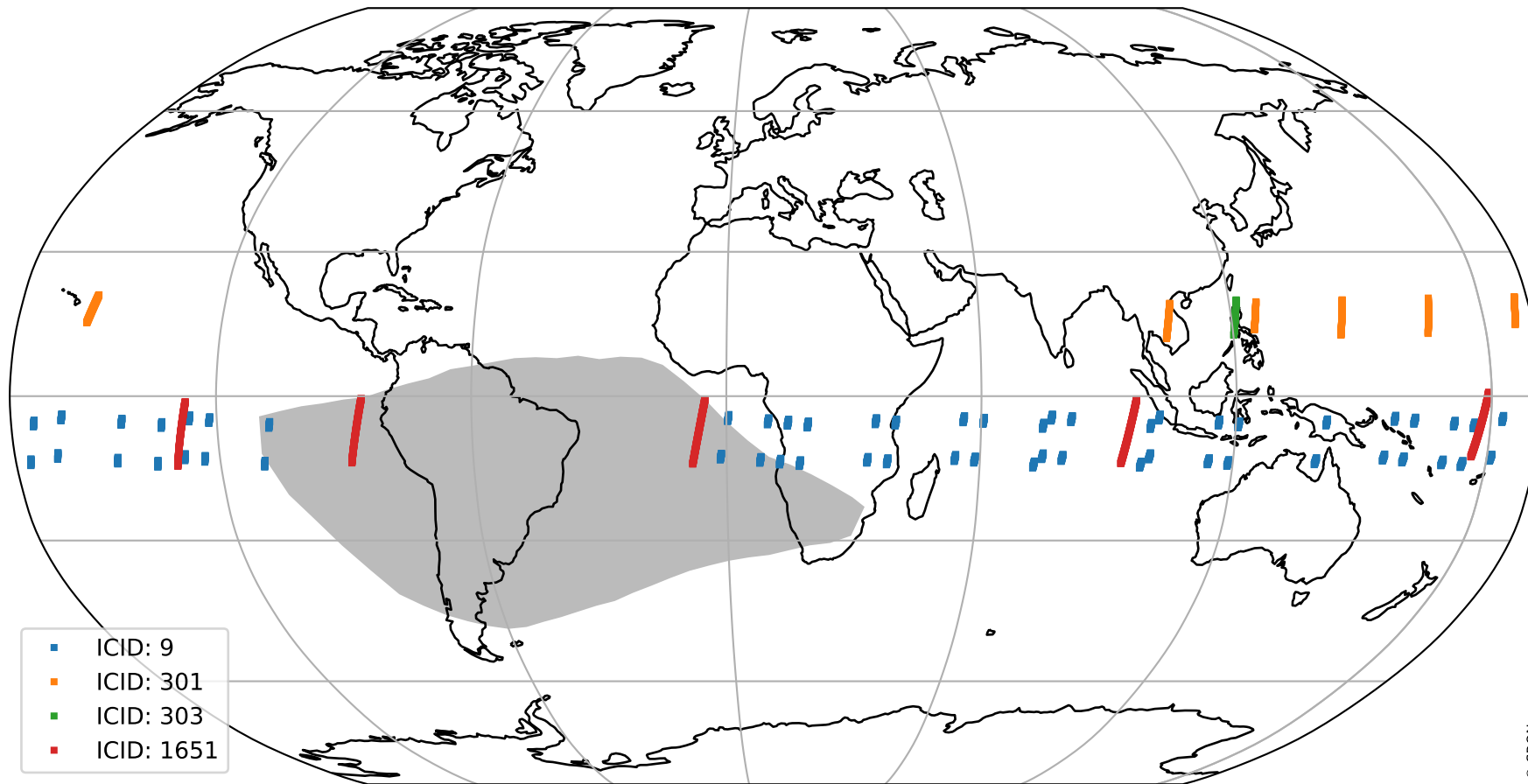
Tropomi SWIR background noise (swir)

orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
median : 0.94541
spread : 0.096702
created : 2023-08-21T14:53:03



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

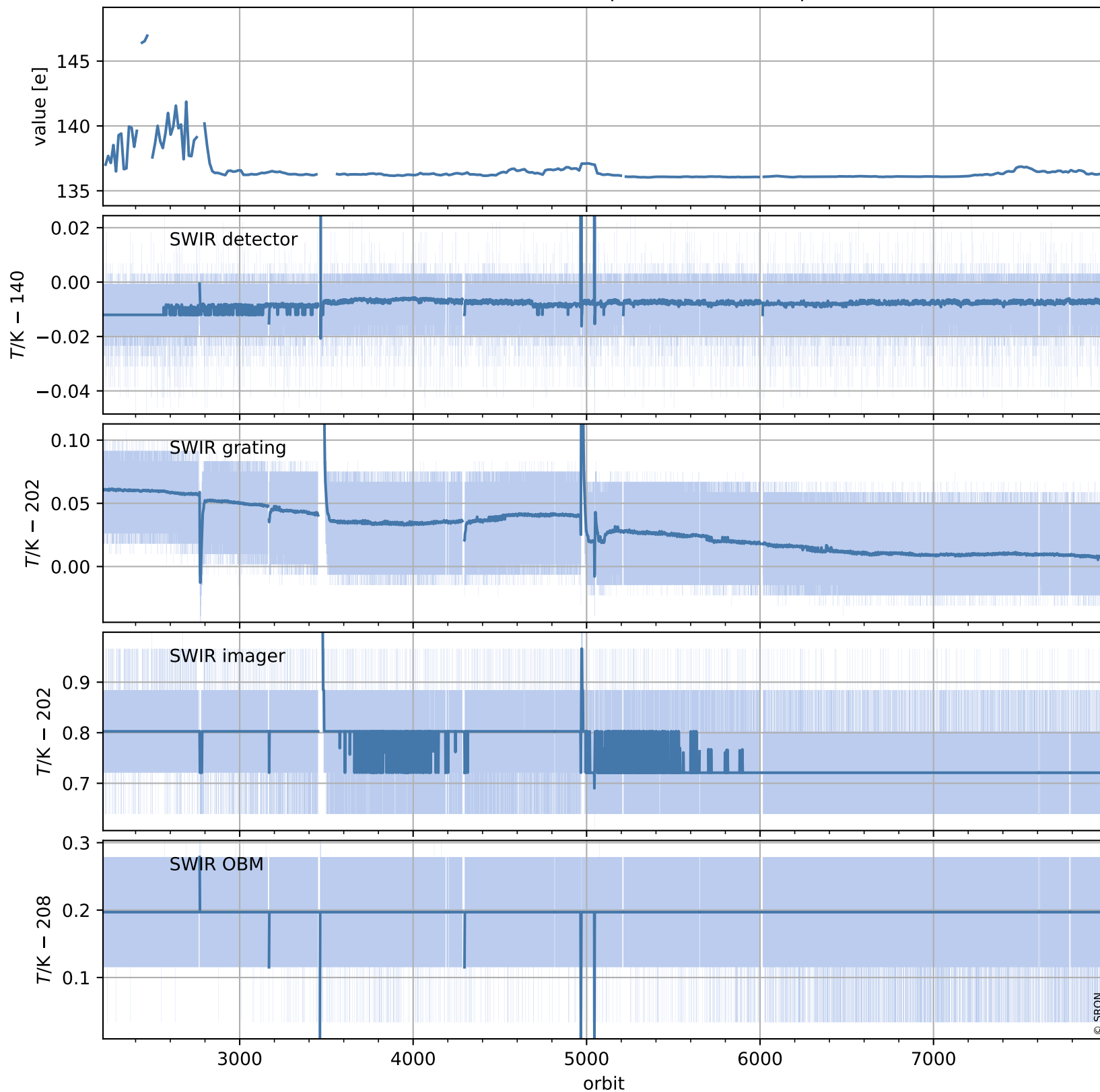
orbits : 12 in [7897, 7987]
coverage : 2019-04-23 / 2019-04-29
created : 2023-08-21T14:53:03



Tropomi SWIR background noise (swir)

orbits : [2212, 7987]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:04

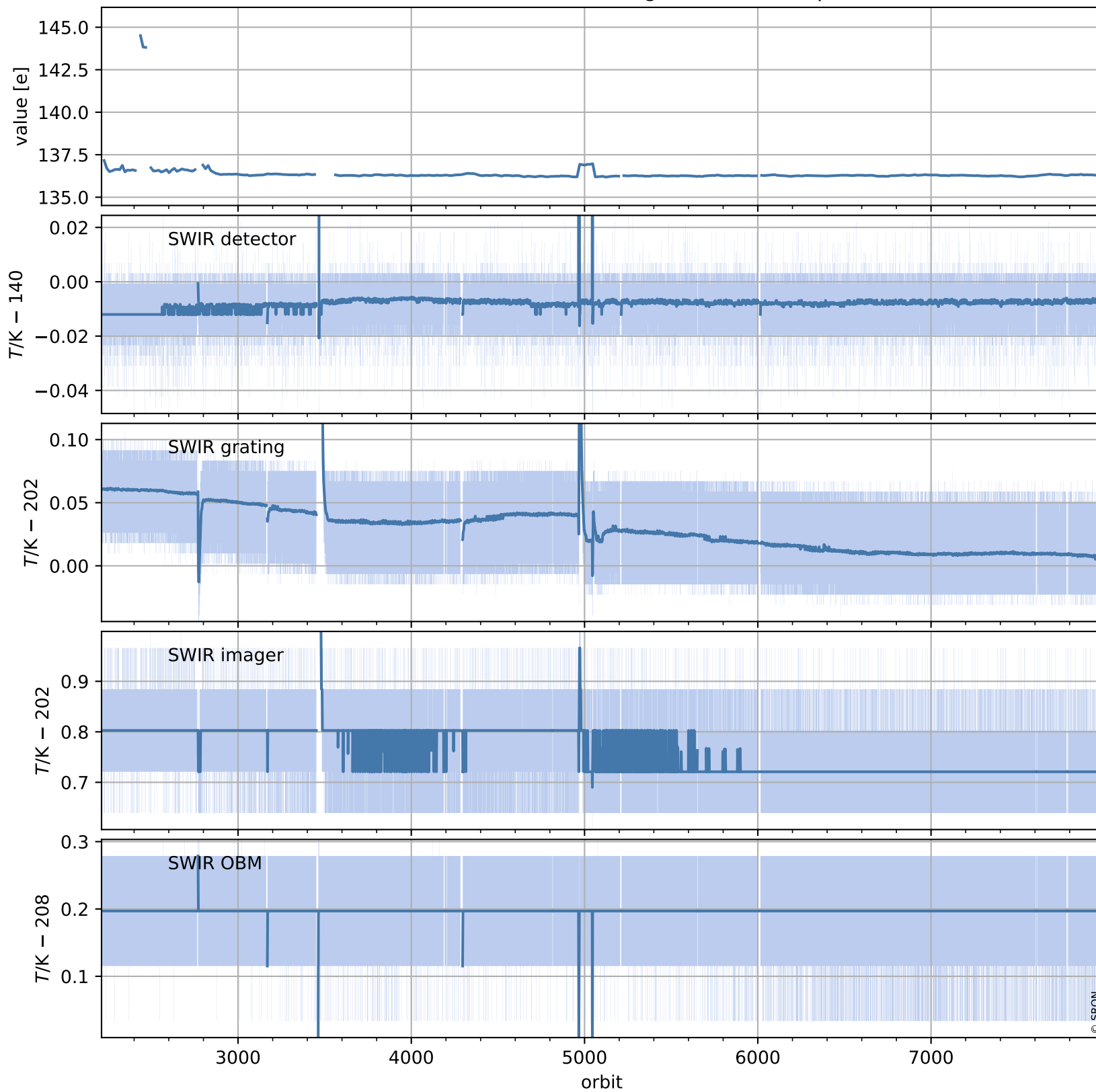
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7987]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7987]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:05

trend of normalized read-noise & temperatures

