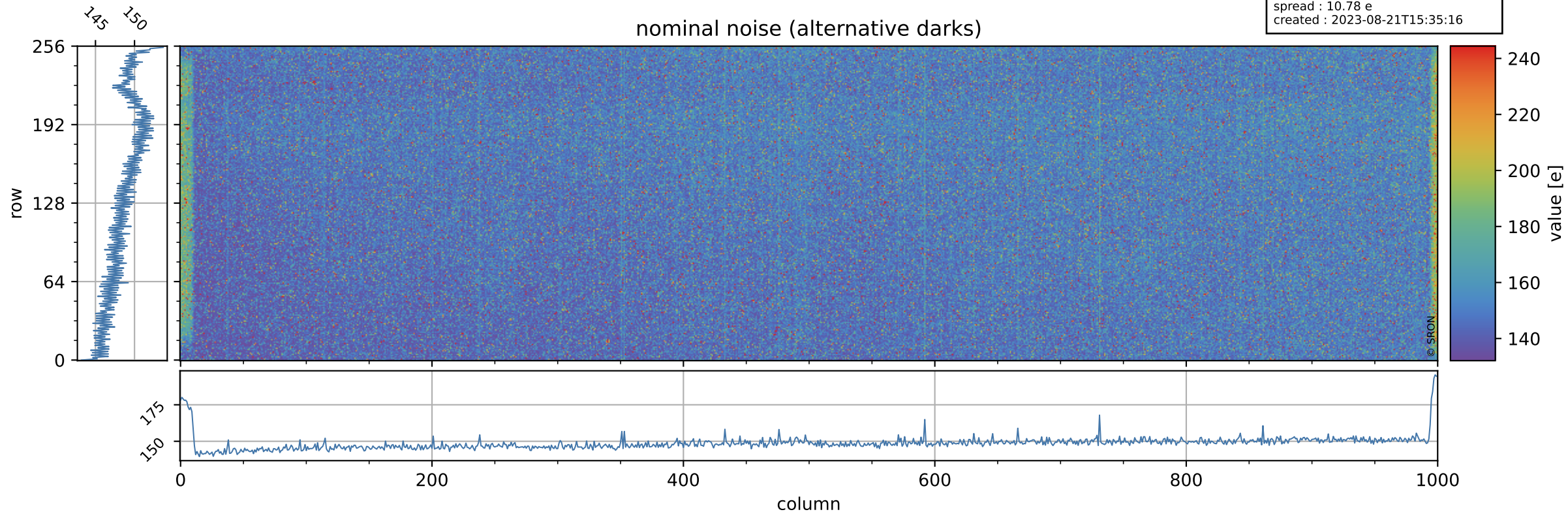


Tropomi SWIR background noise (swir)

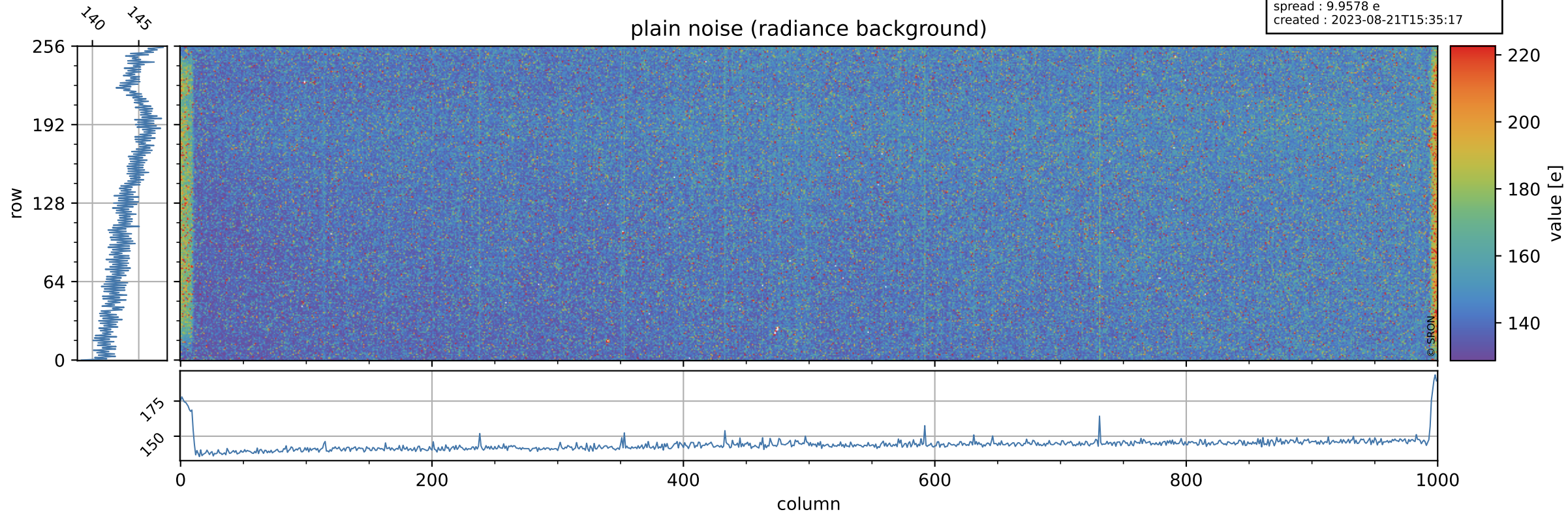
orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.78 e
created : 2023-08-21T15:35:16



Tropomi SWIR background noise (swir)

orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9578 e
created : 2023-08-21T15:35:17

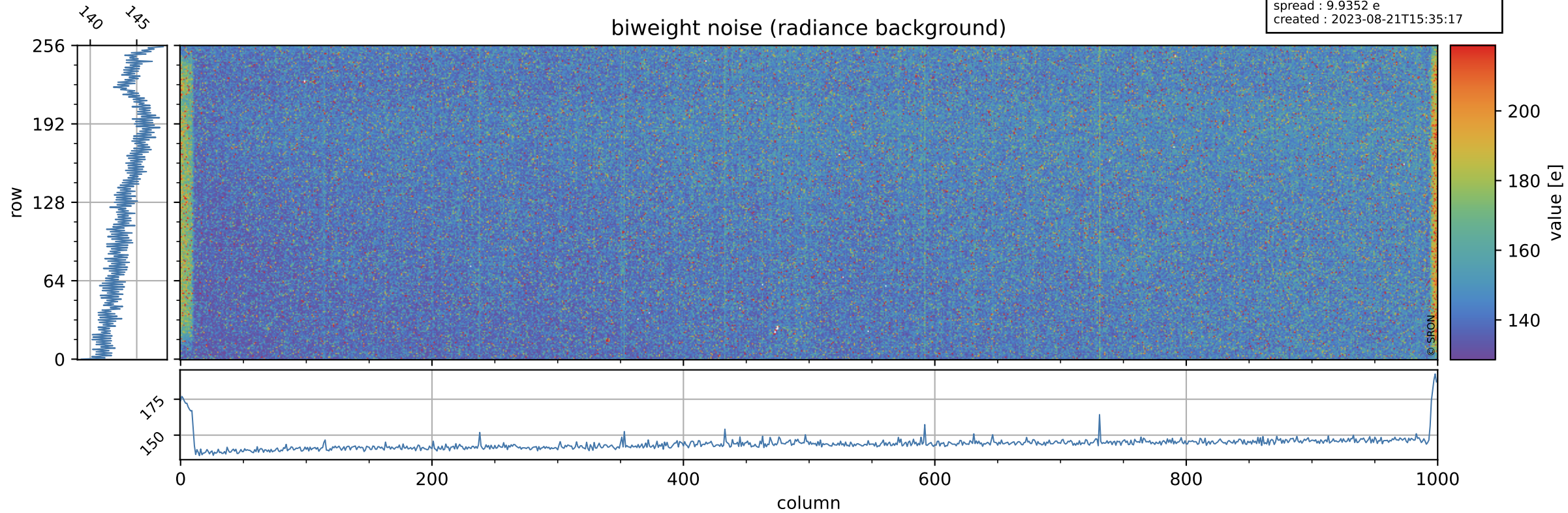
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9352 e
created : 2023-08-21T15:35:17

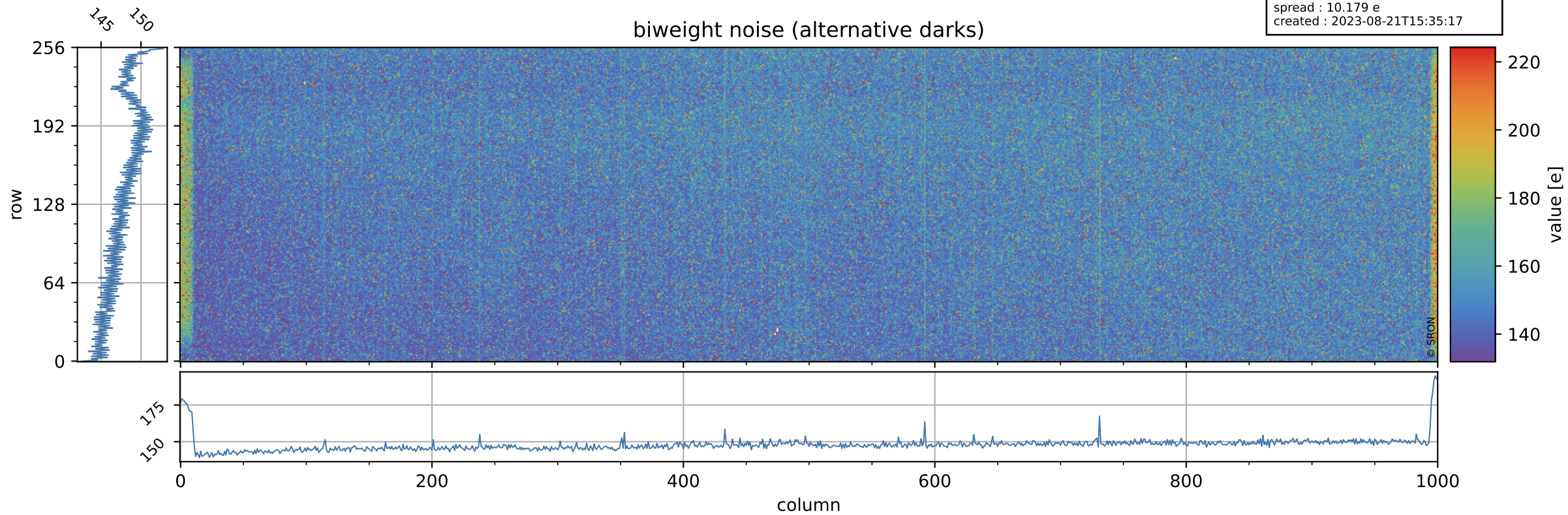
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.179 e
created : 2023-08-21T15:35:17

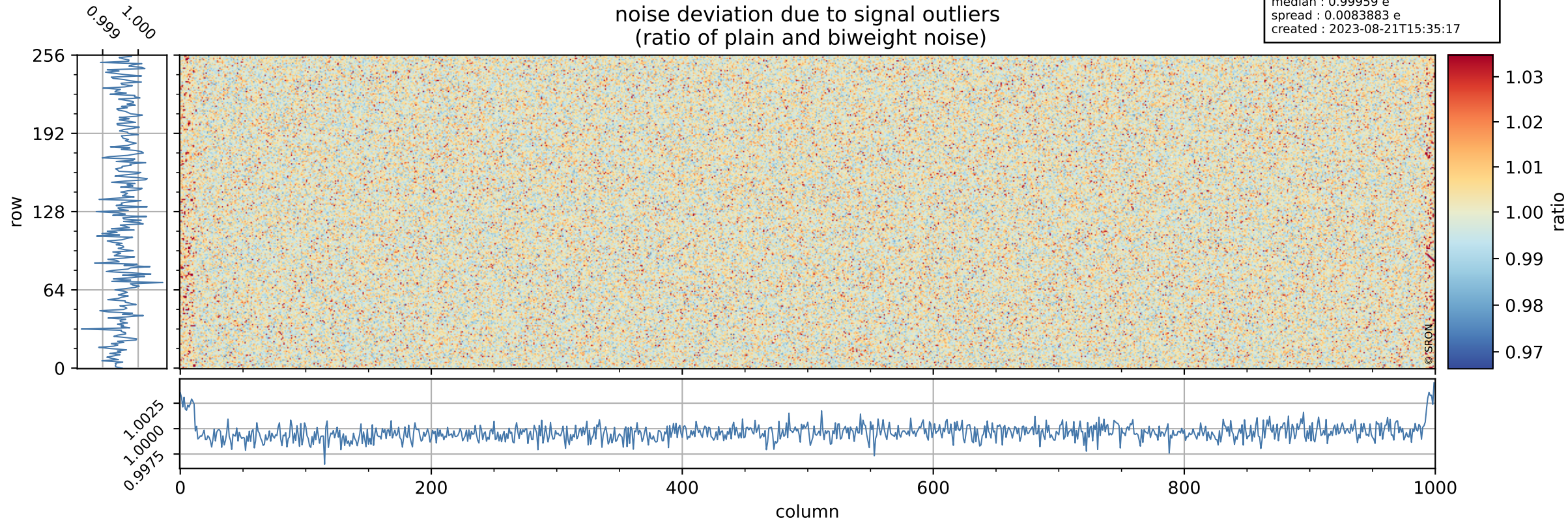
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

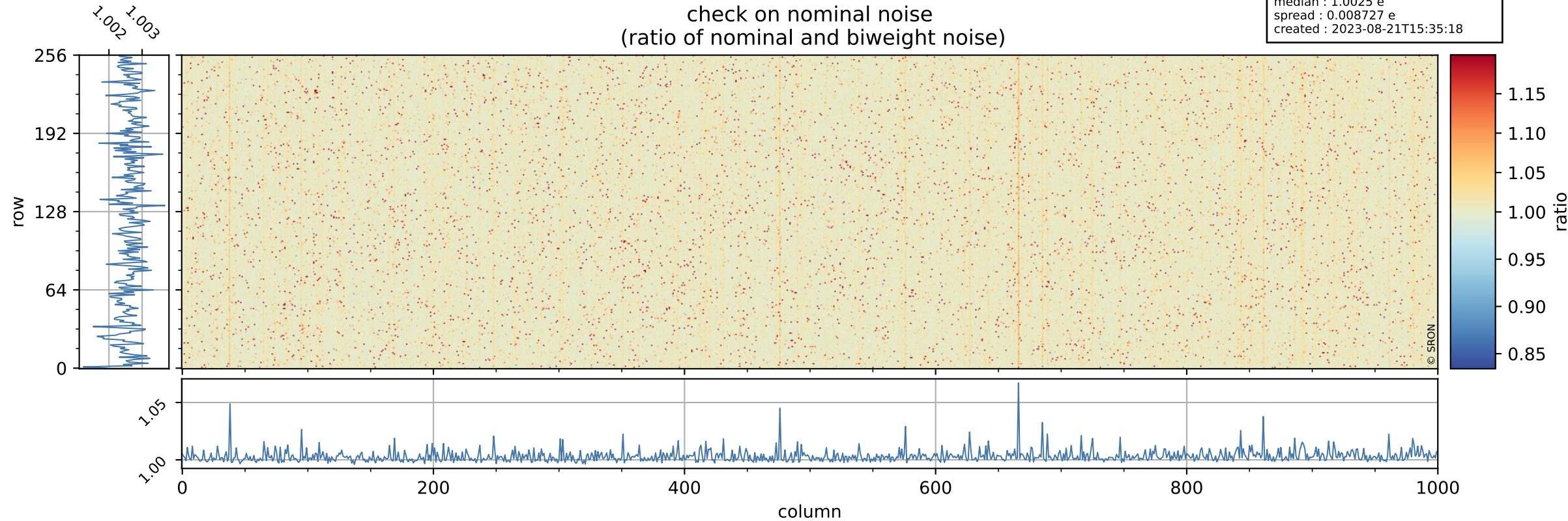
orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
median : 0.99959 e
spread : 0.0083883 e
created : 2023-08-21T15:35:17



Tropomi SWIR background noise (swir)

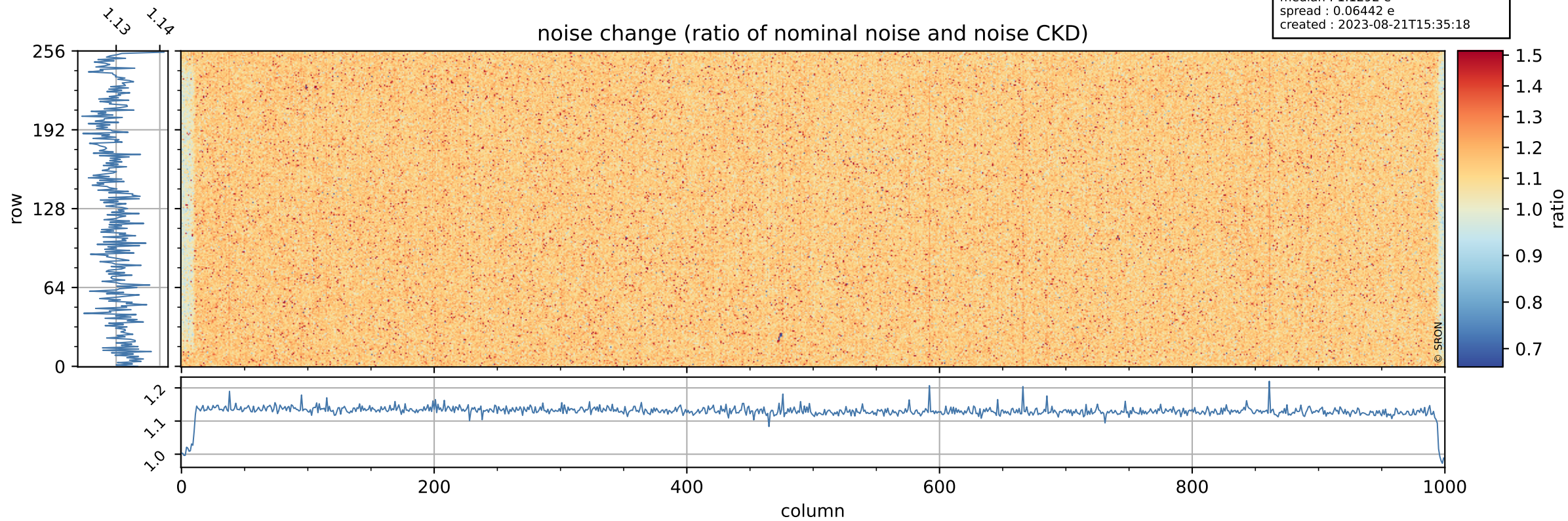
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
median : 1.0025 e
spread : 0.008727 e
created : 2023-08-21T15:35:18



Tropomi SWIR background noise (swir)

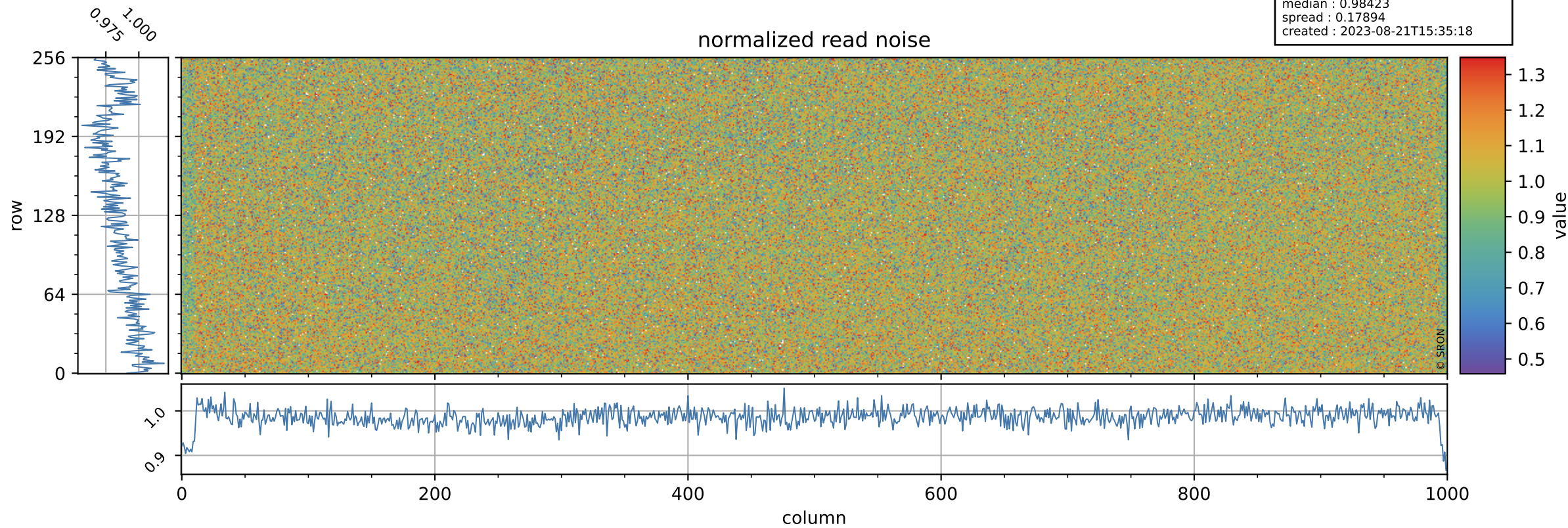
orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
median : 1.1292 e
spread : 0.06442 e
created : 2023-08-21T15:35:18



Tropomi SWIR background noise (swir)

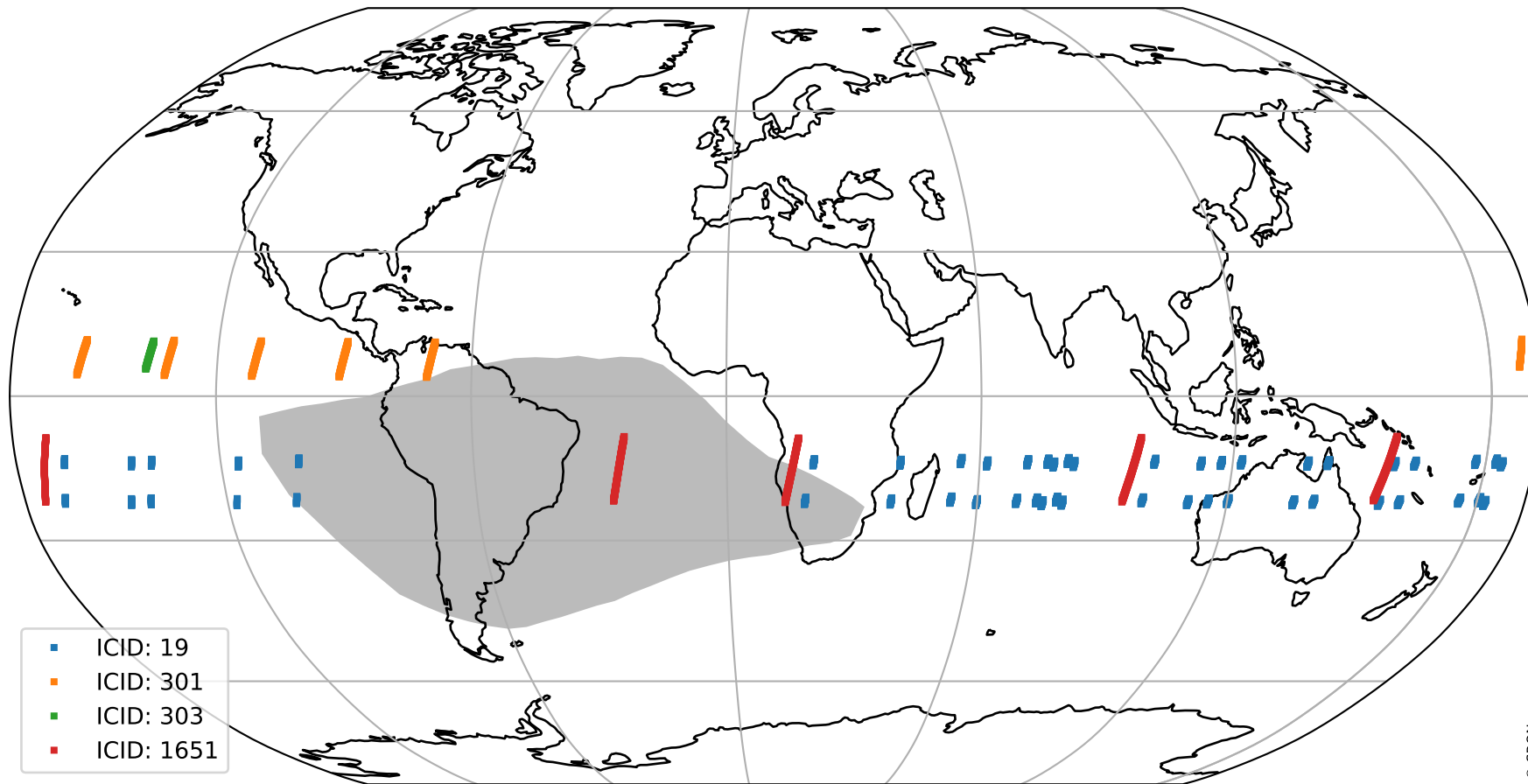
orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
median : 0.98423
spread : 0.17894
created : 2023-08-21T15:35:18

normalized read noise



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

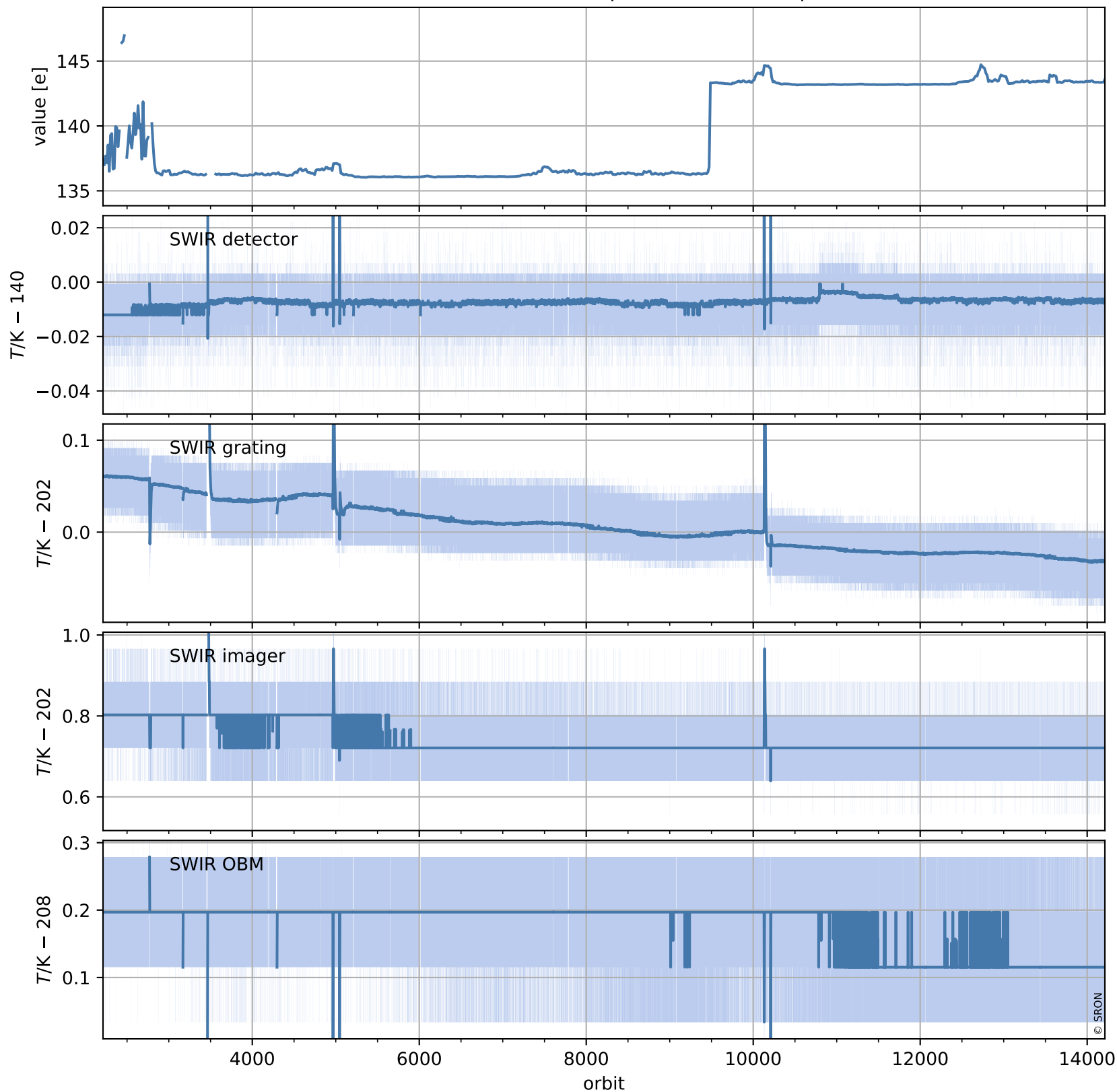
orbits : 12 in [14122, 14212]
coverage : 2020-07-05 / 2020-07-10
created : 2023-08-21T15:35:18



Tropomi SWIR background noise (swir)

orbits : [2212, 14212]
coverage : 2018-03-18 / 2020-07-10
created : 2023-08-21T15:35:19

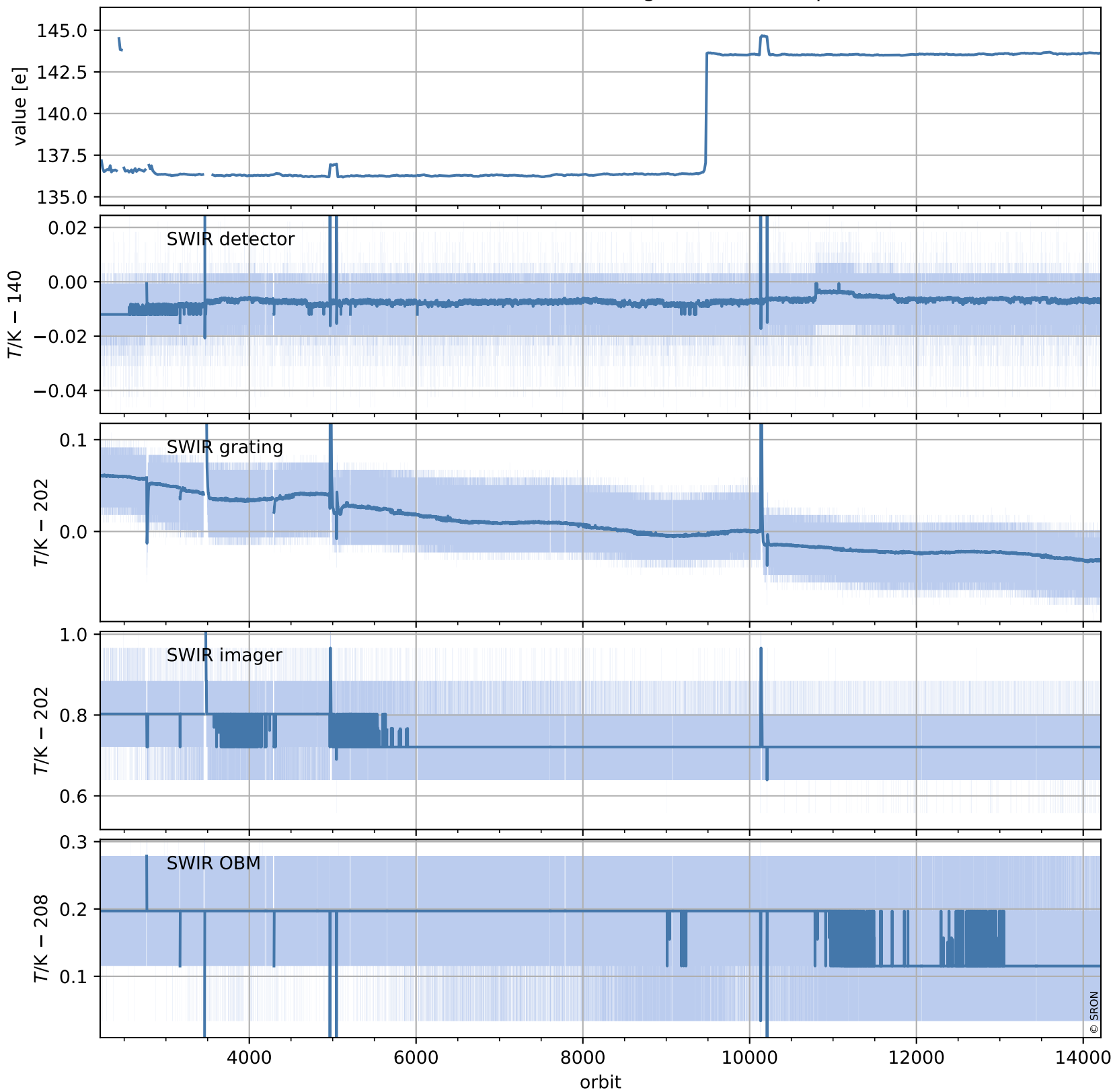
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14212]
coverage : 2018-03-18 / 2020-07-10
created : 2023-08-21T15:35:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14212]
coverage : 2018-03-18 / 2020-07-10
created : 2023-08-21T15:35:20

trend of normalized read-noise & temperatures

