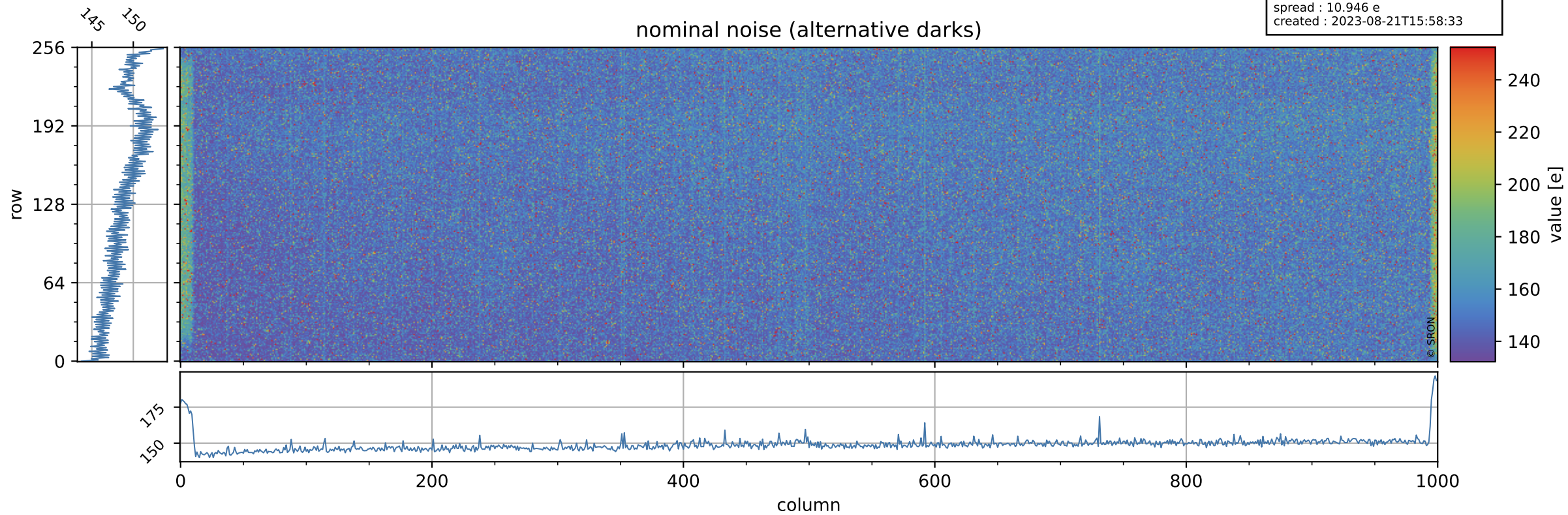


Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.946 e
created : 2023-08-21T15:58:33

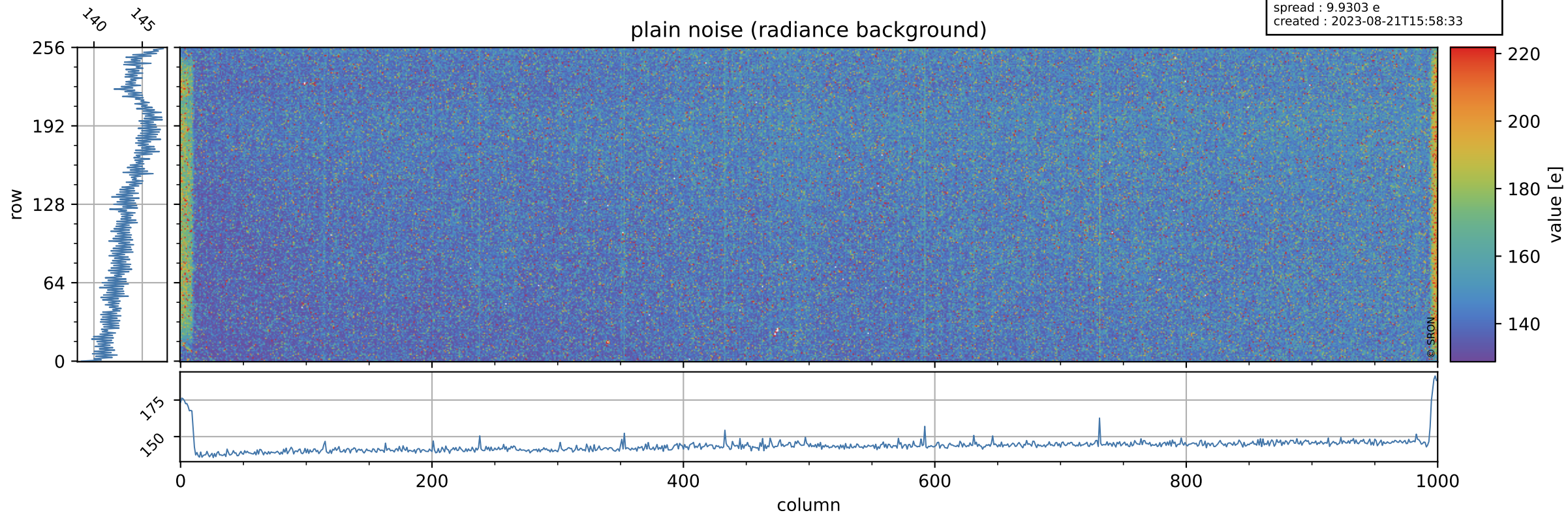
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.9303 e
created : 2023-08-21T15:58:33

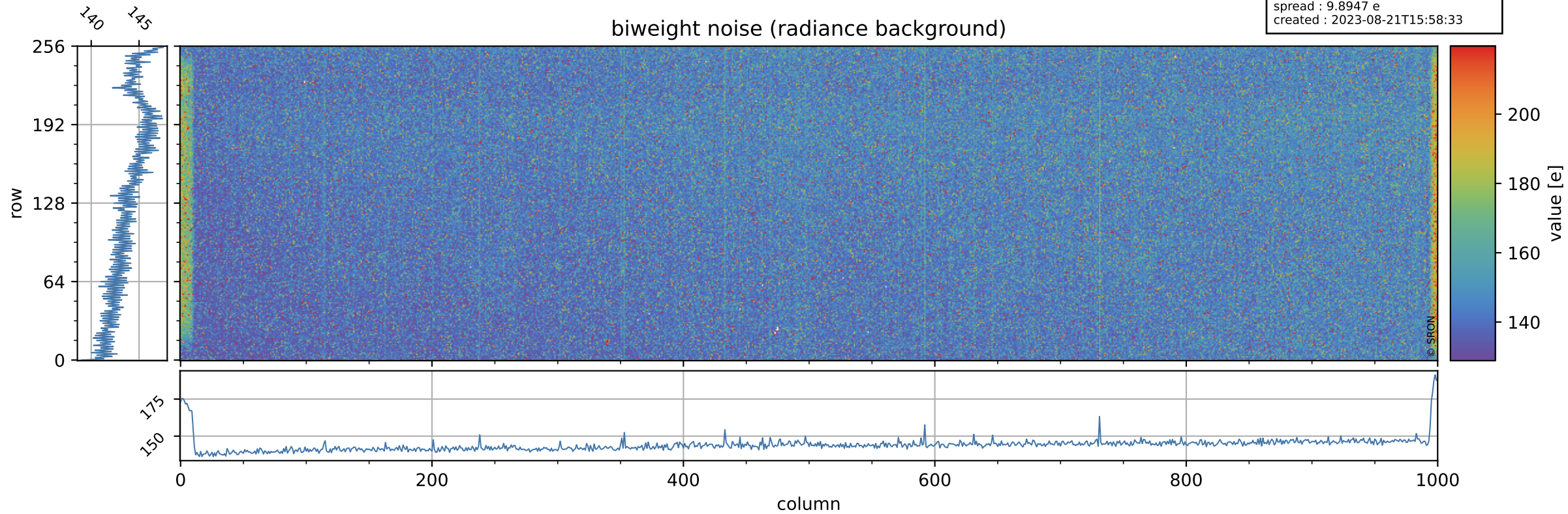
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8947 e
created : 2023-08-21T15:58:33

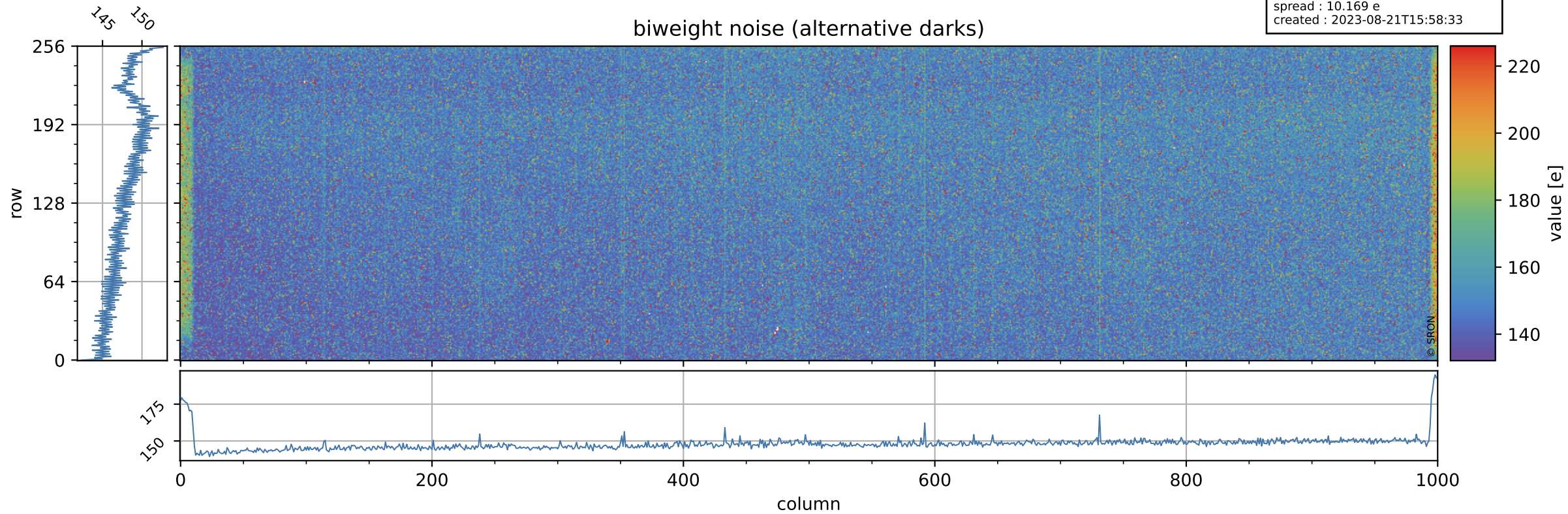
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.169 e
created : 2023-08-21T15:58:33

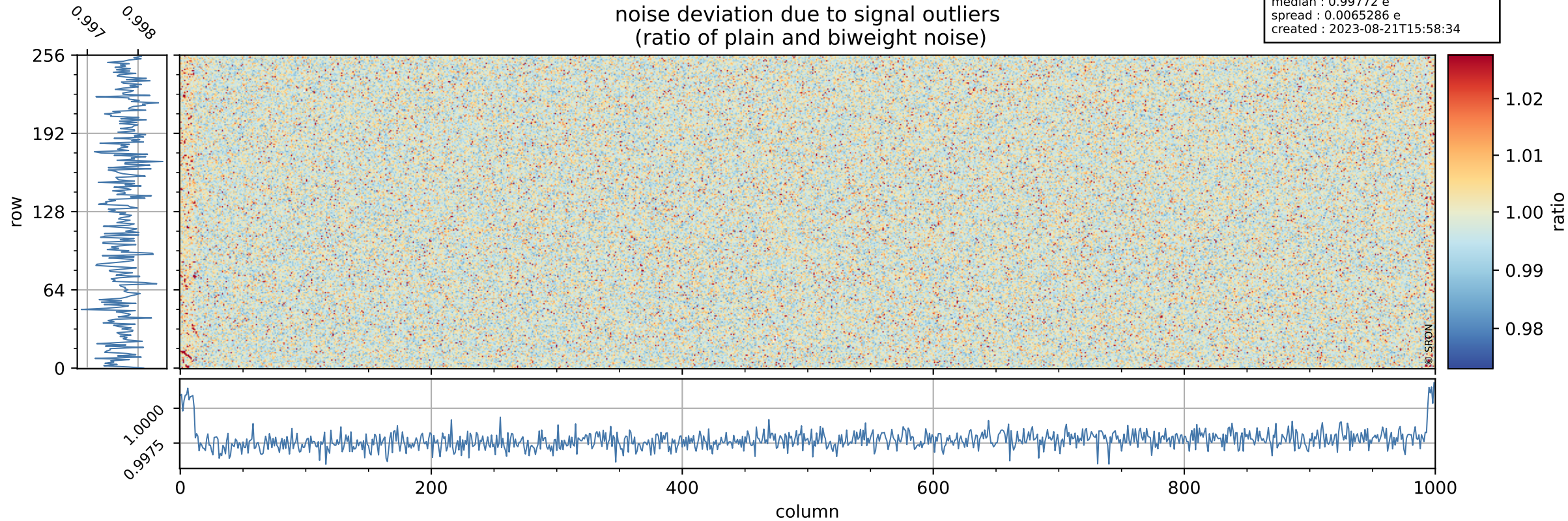
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

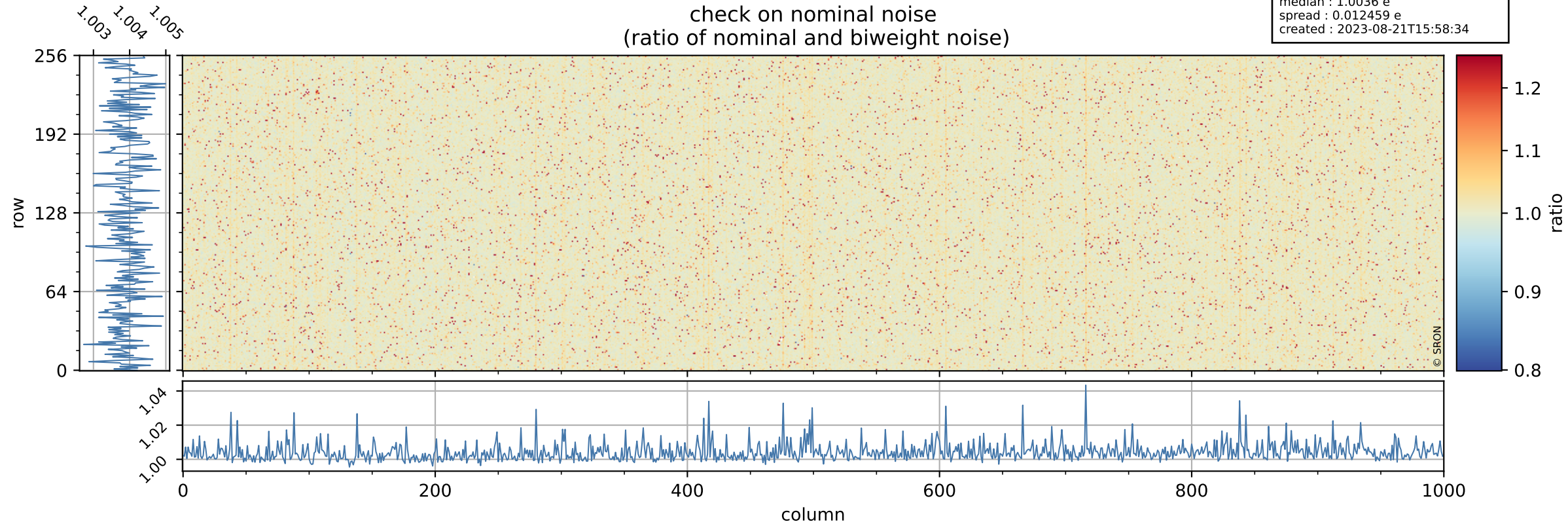
orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
median : 0.99772 e
spread : 0.0065286 e
created : 2023-08-21T15:58:34



Tropomi SWIR background noise (swir)

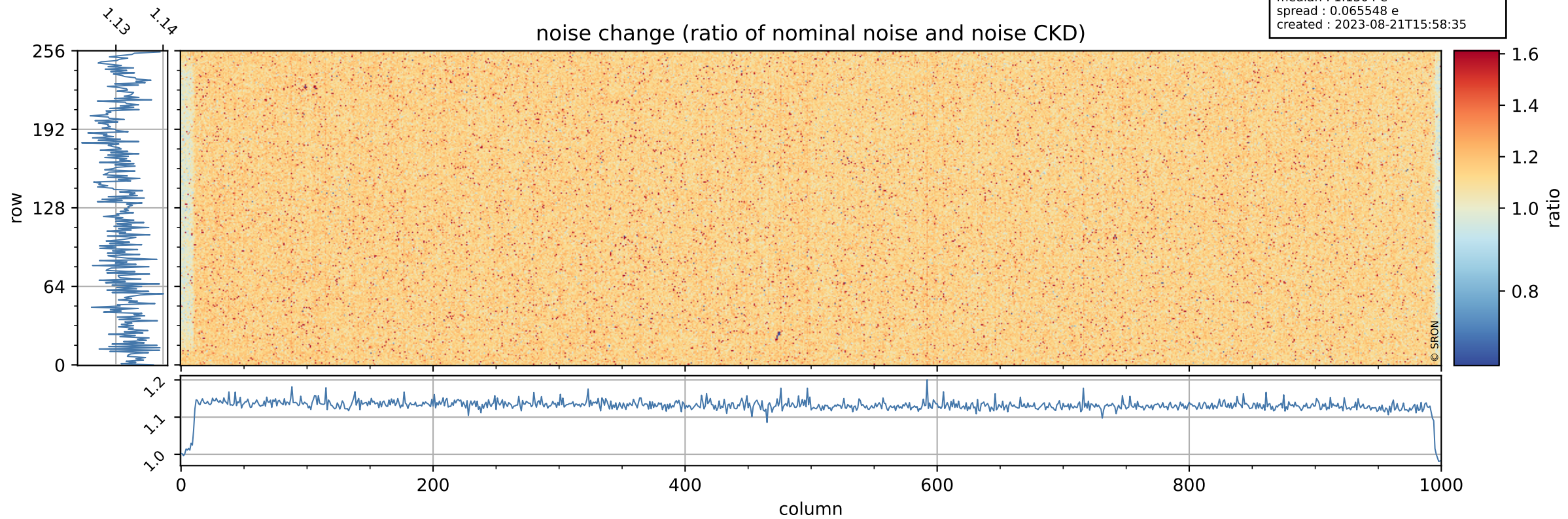
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
median : 1.0036 e
spread : 0.012459 e
created : 2023-08-21T15:58:34



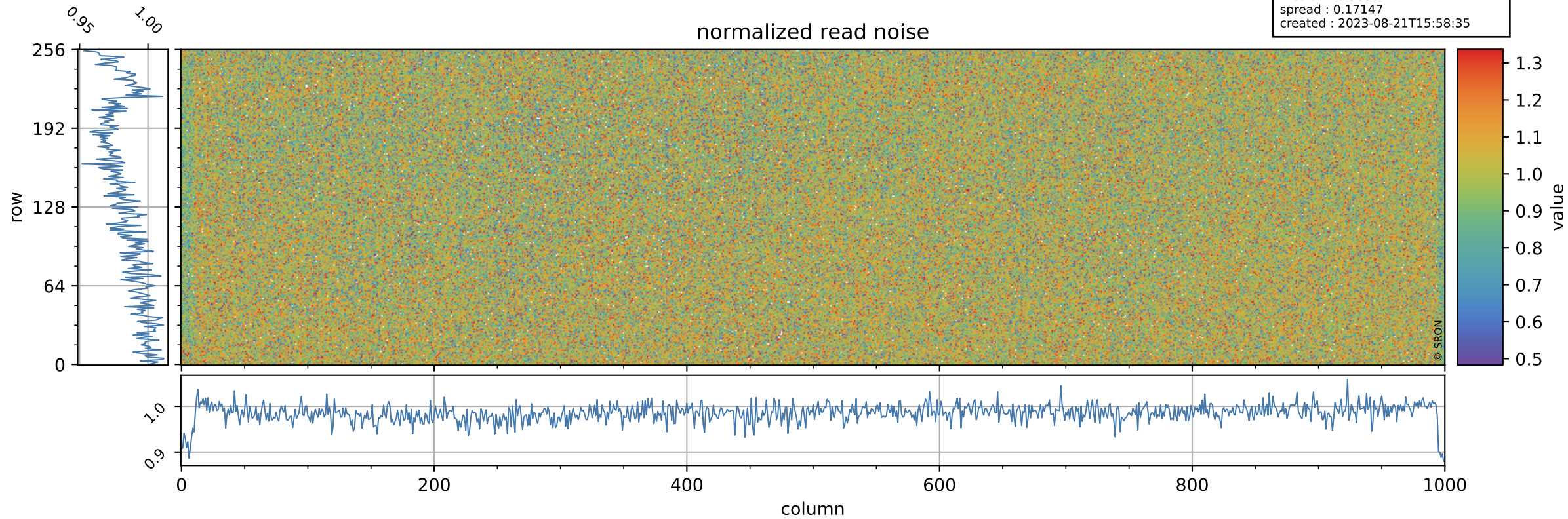
Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
median : 1.1304 e
spread : 0.065548 e
created : 2023-08-21T15:58:35



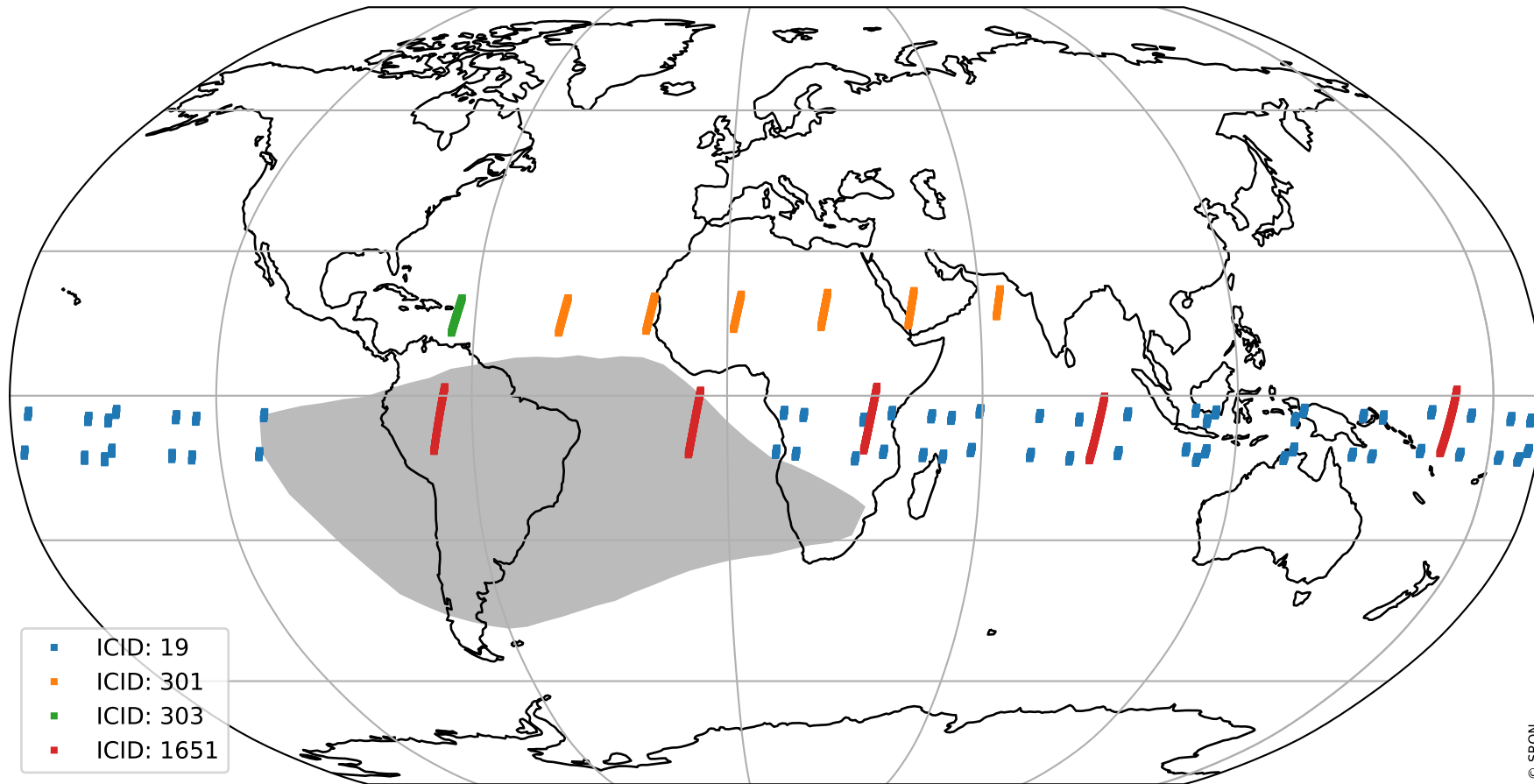
Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
median : 0.98352
spread : 0.17147
created : 2023-08-21T15:58:35



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

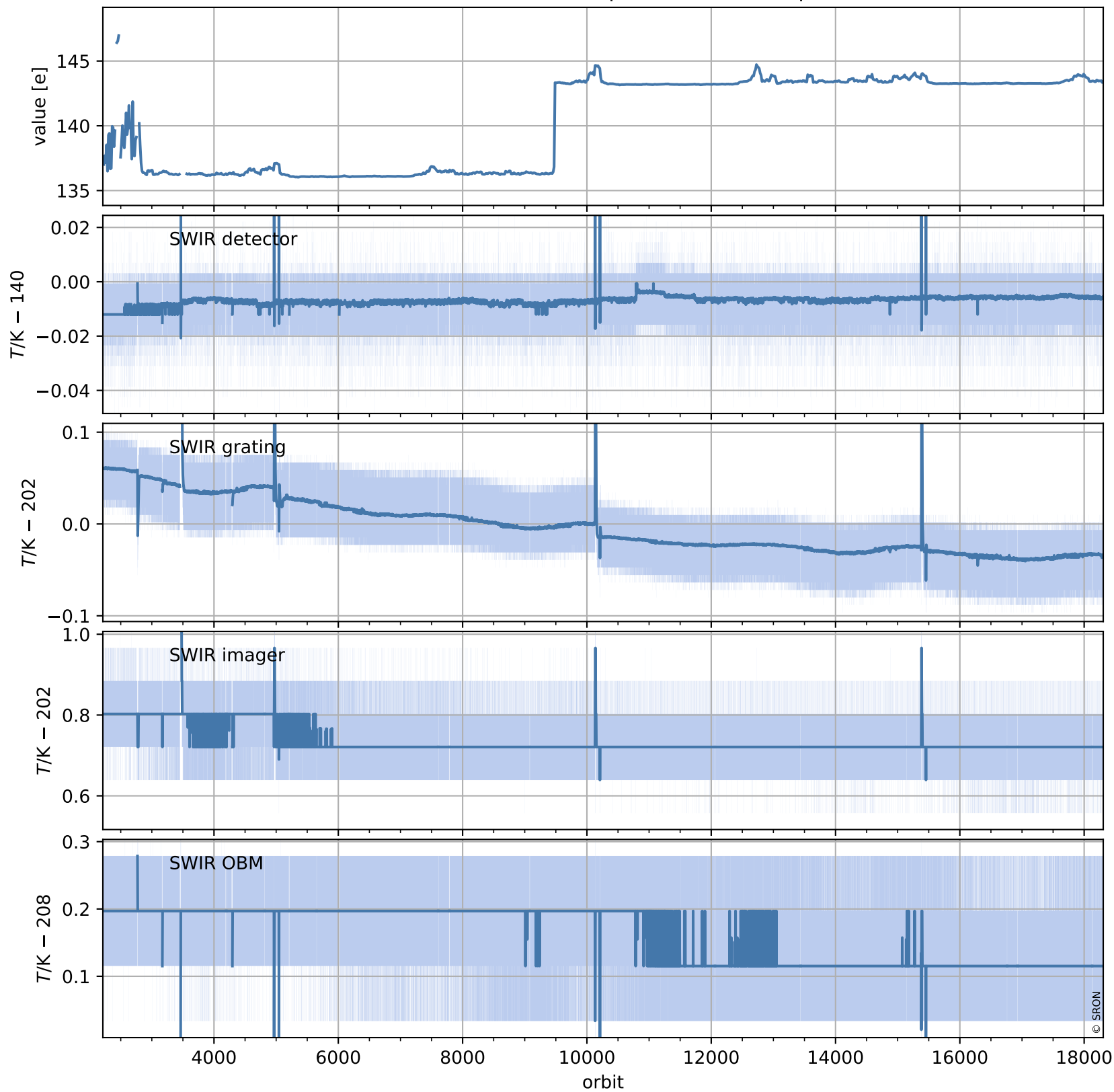
orbits : 12 in [18217, 18307]
coverage : 2021-04-19 / 2021-04-25
created : 2023-08-21T15:58:35



Tropomi SWIR background noise (swir)

orbits : [2212, 18307]
coverage : 2018-03-18 / 2021-04-25
created : 2023-08-21T15:58:35

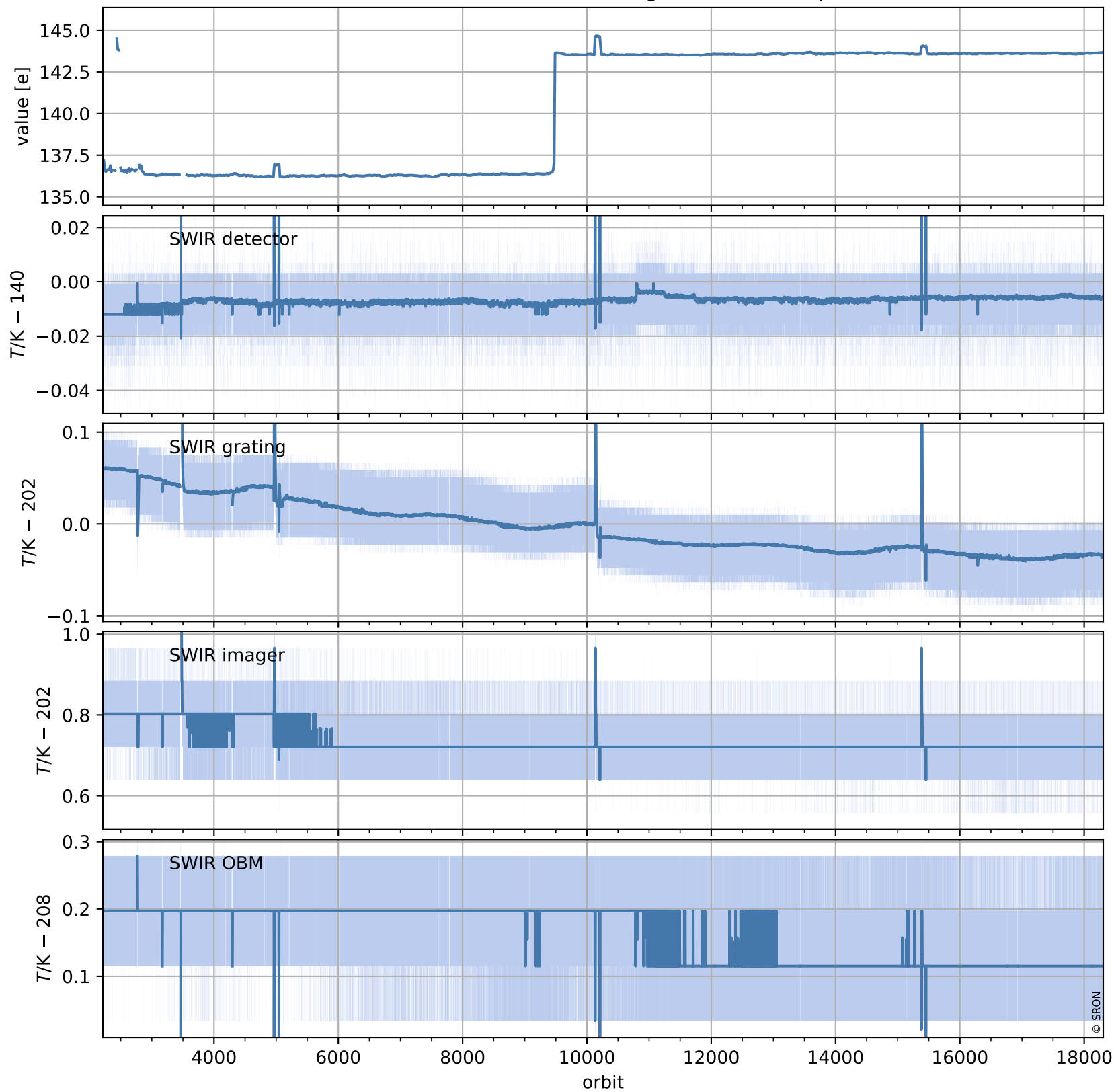
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18307]
coverage : 2018-03-18 / 2021-04-25
created : 2023-08-21T15:58:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18307]
coverage : 2018-03-18 / 2021-04-25
created : 2023-08-21T15:58:37

trend of normalized read-noise & temperatures

