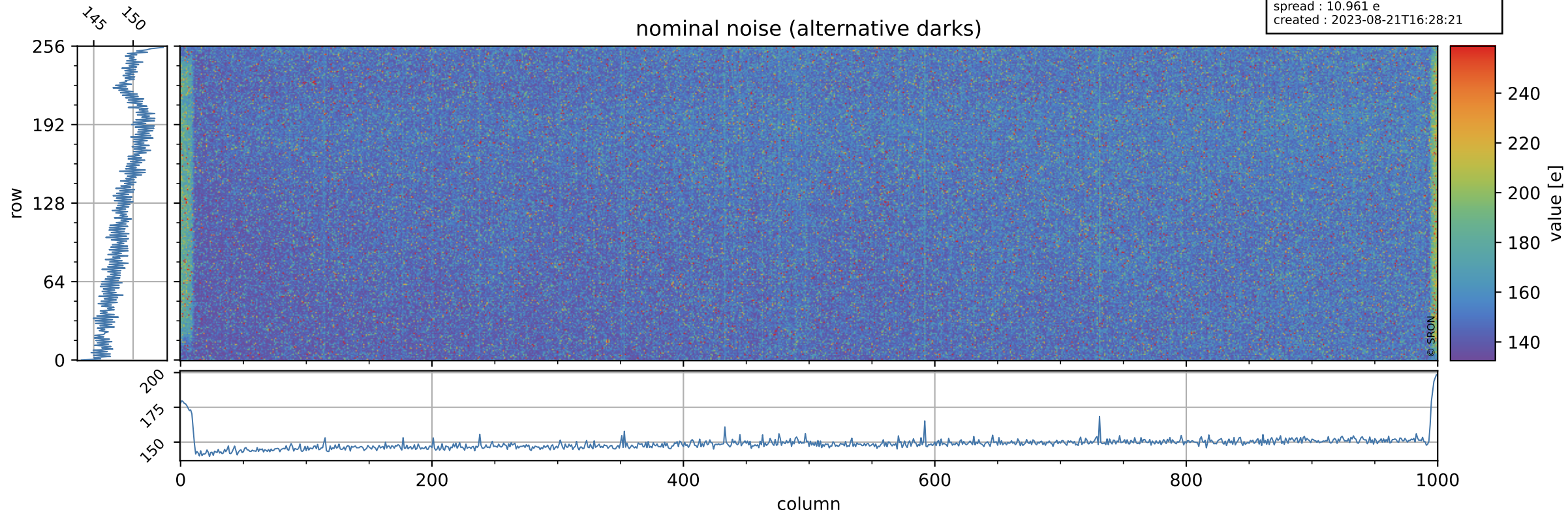


Tropomi SWIR background noise (swir)

orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.961 e
created : 2023-08-21T16:28:21

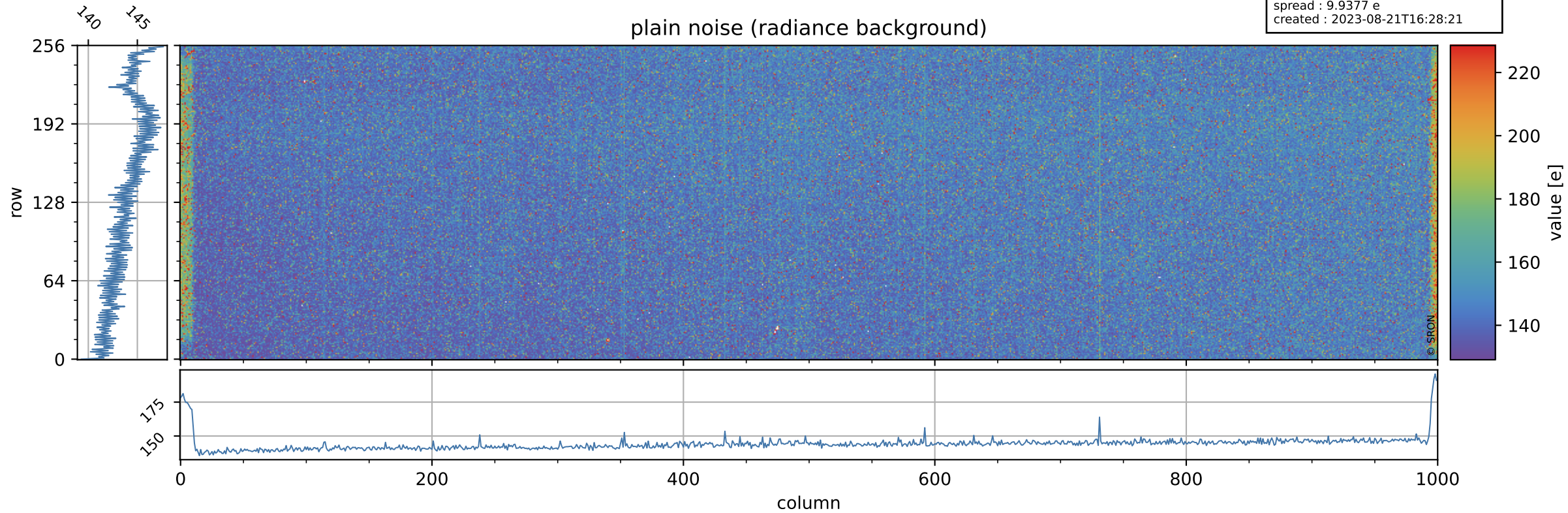
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9377 e
created : 2023-08-21T16:28:21

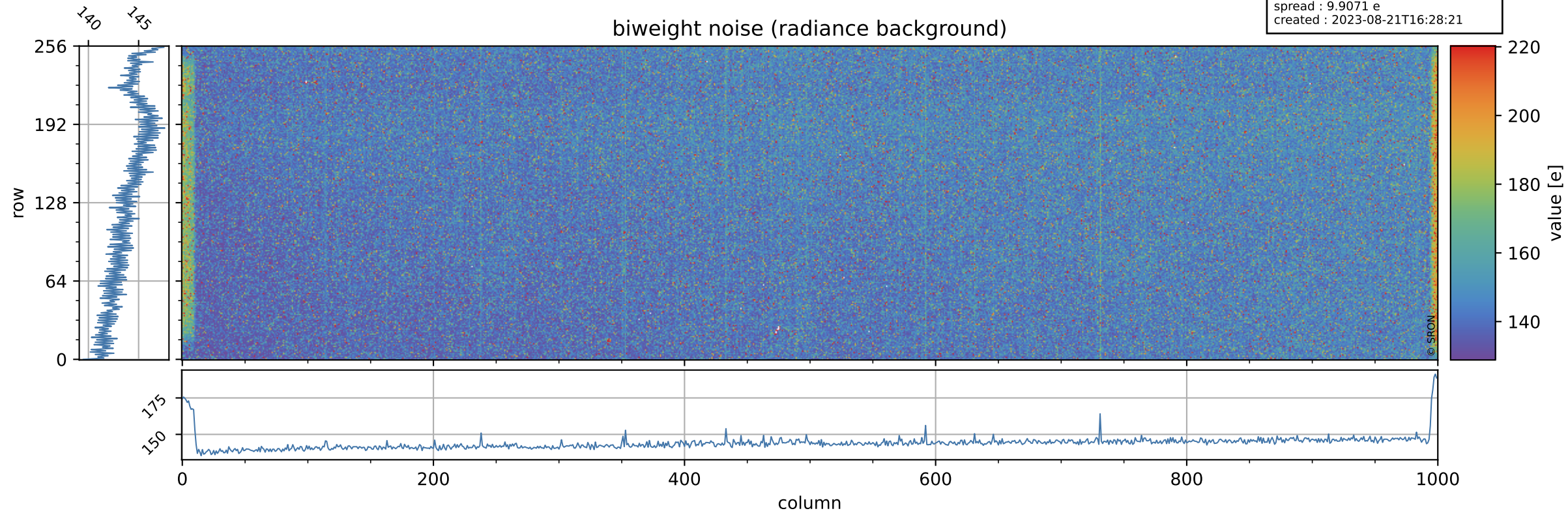
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9071 e
created : 2023-08-21T16:28:21

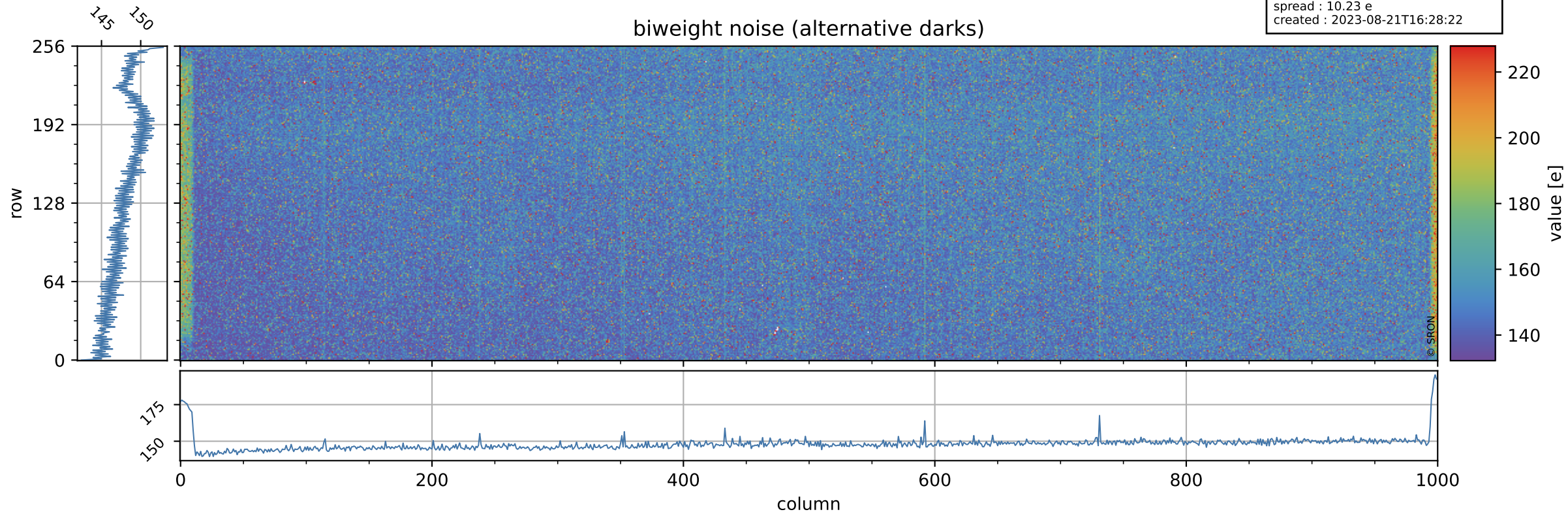
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.23 e
created : 2023-08-21T16:28:22

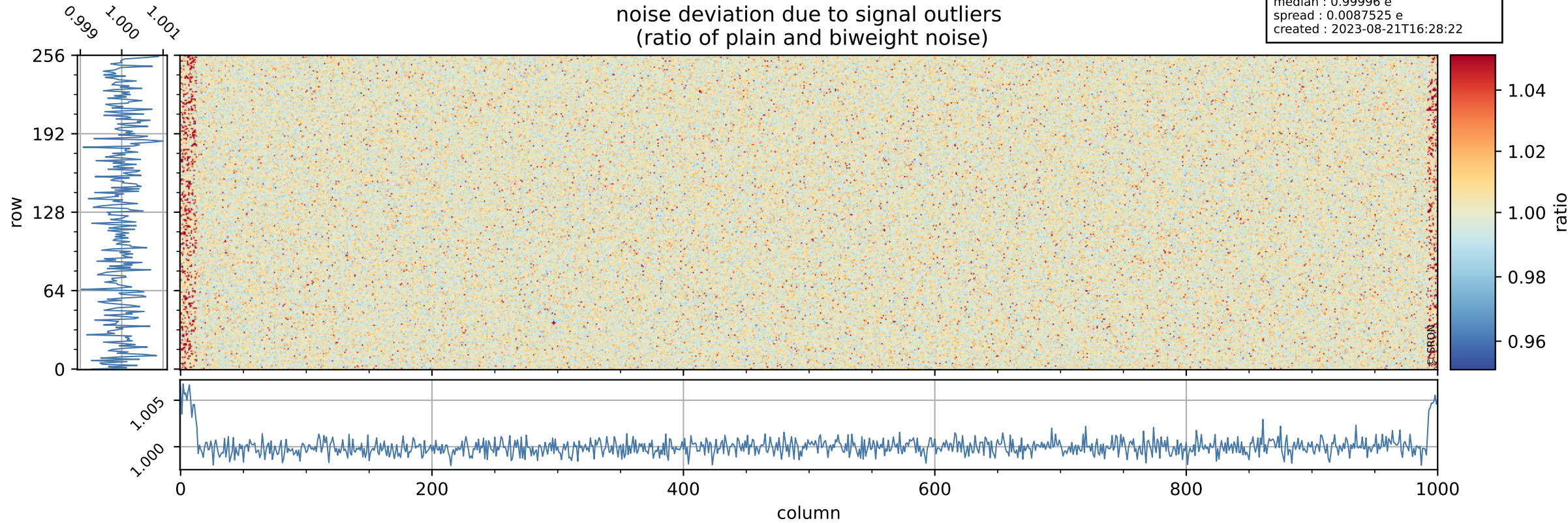
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

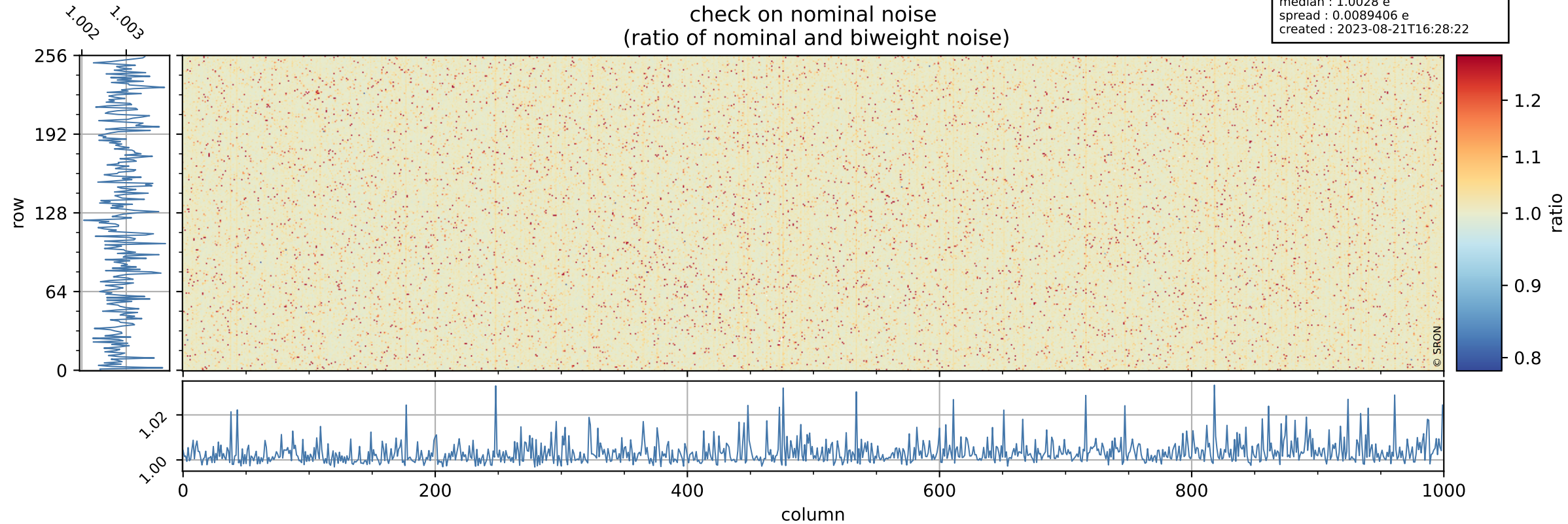
orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
median : 0.99996 e
spread : 0.0087525 e
created : 2023-08-21T16:28:22



Tropomi SWIR background noise (swir)

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

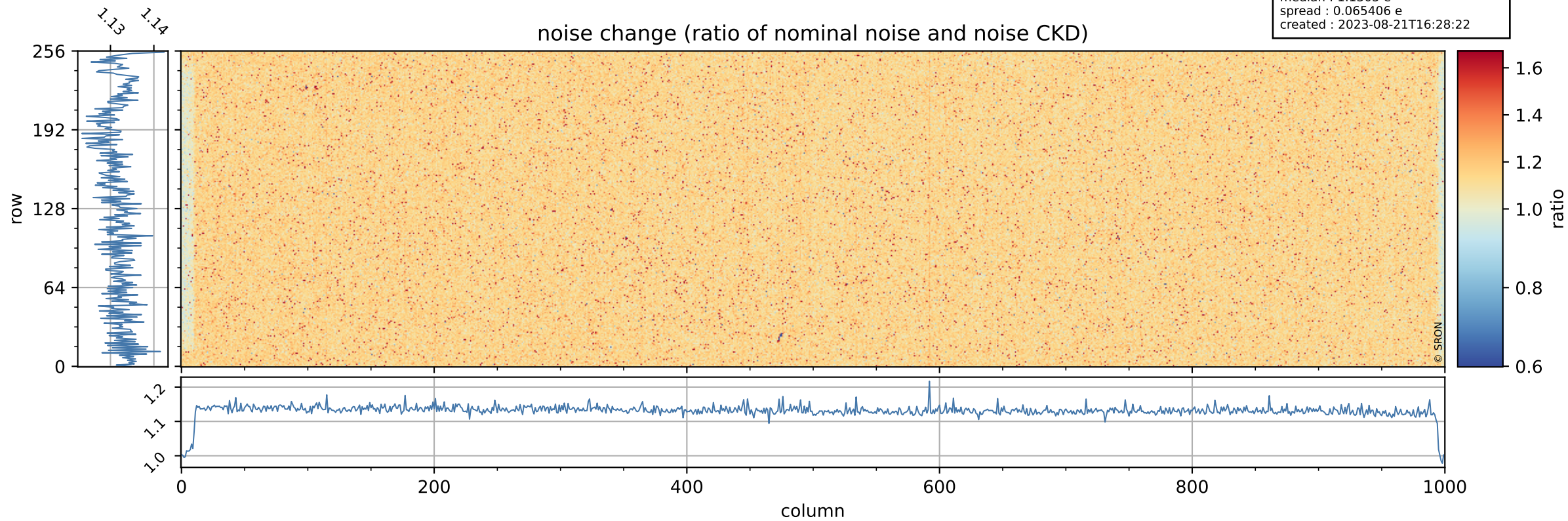
orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
median : 1.0028 e
spread : 0.0089406 e
created : 2023-08-21T16:28:22



Tropomi SWIR background noise (swir)

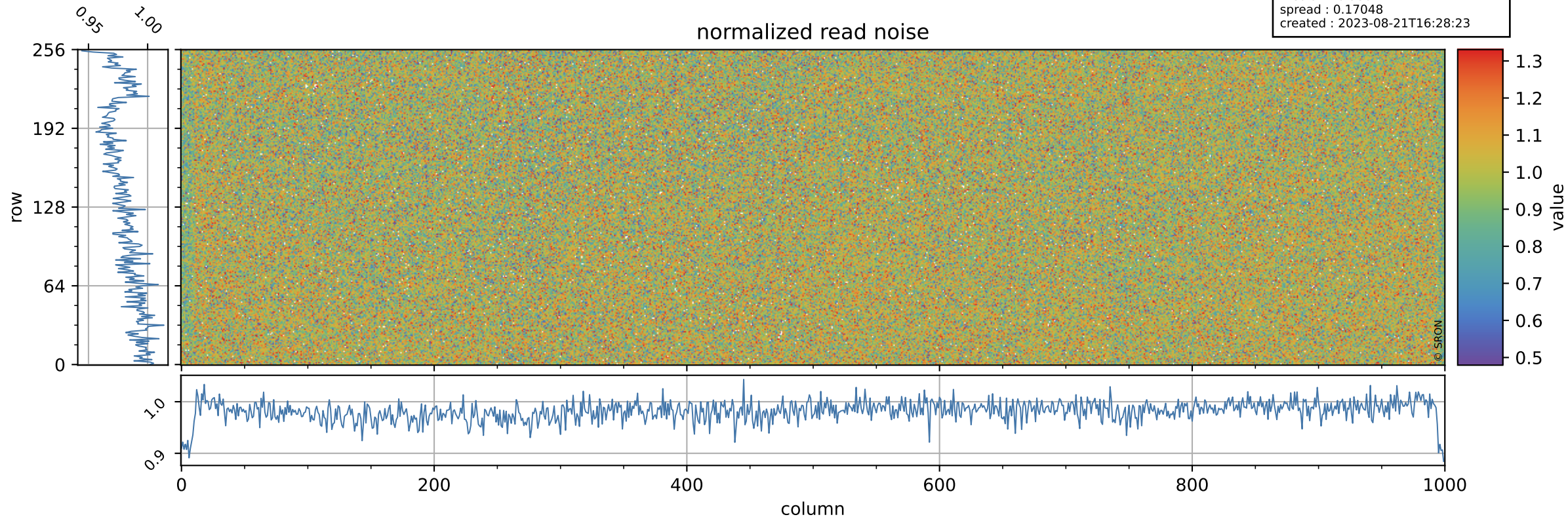
orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
median : 1.1305 e
spread : 0.065406 e
created : 2023-08-21T16:28:22

noise change (ratio of nominal noise and noise CKD)



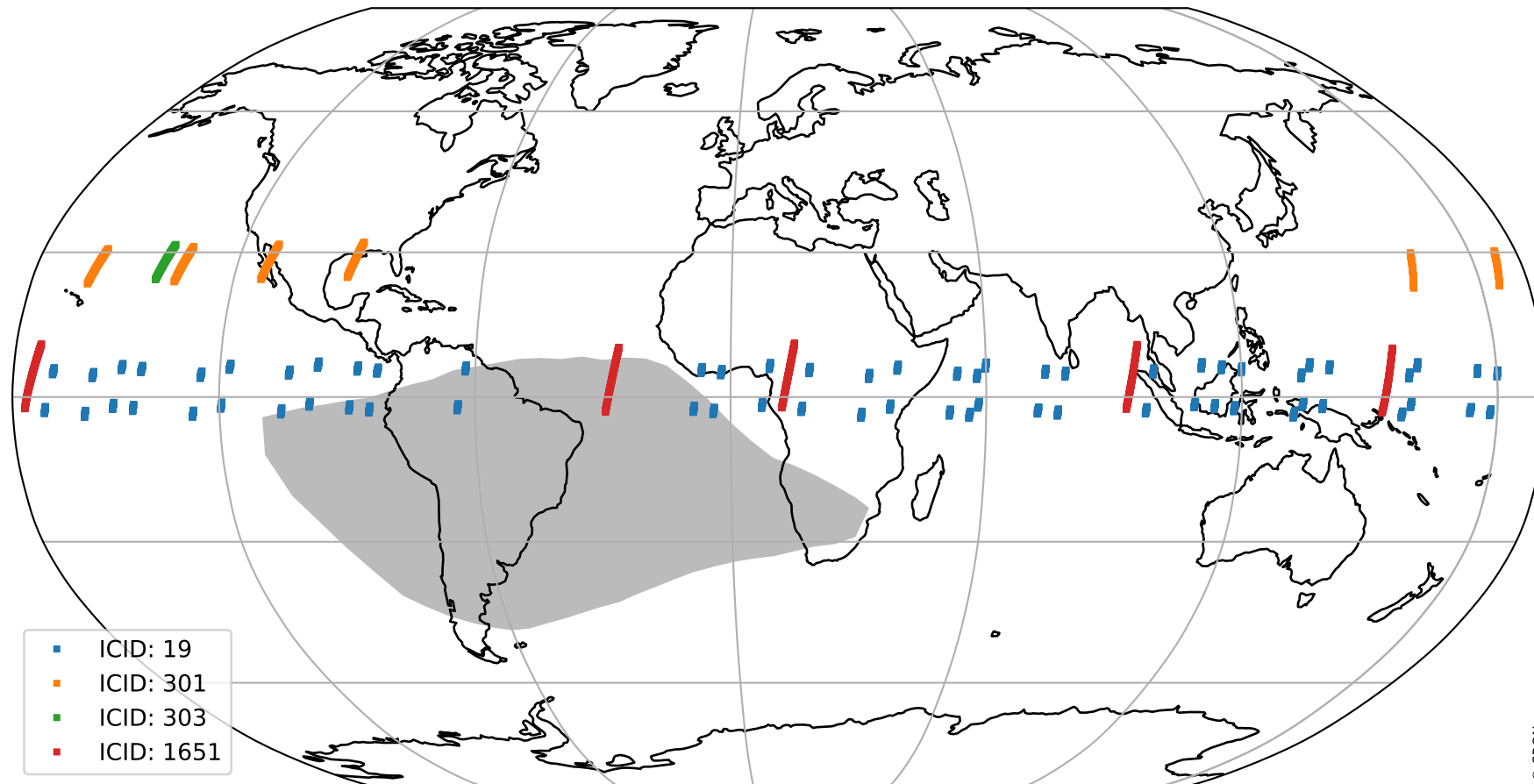
Tropomi SWIR background noise (swir)

orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
median : 0.98017
spread : 0.17048
created : 2023-08-21T16:28:23



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

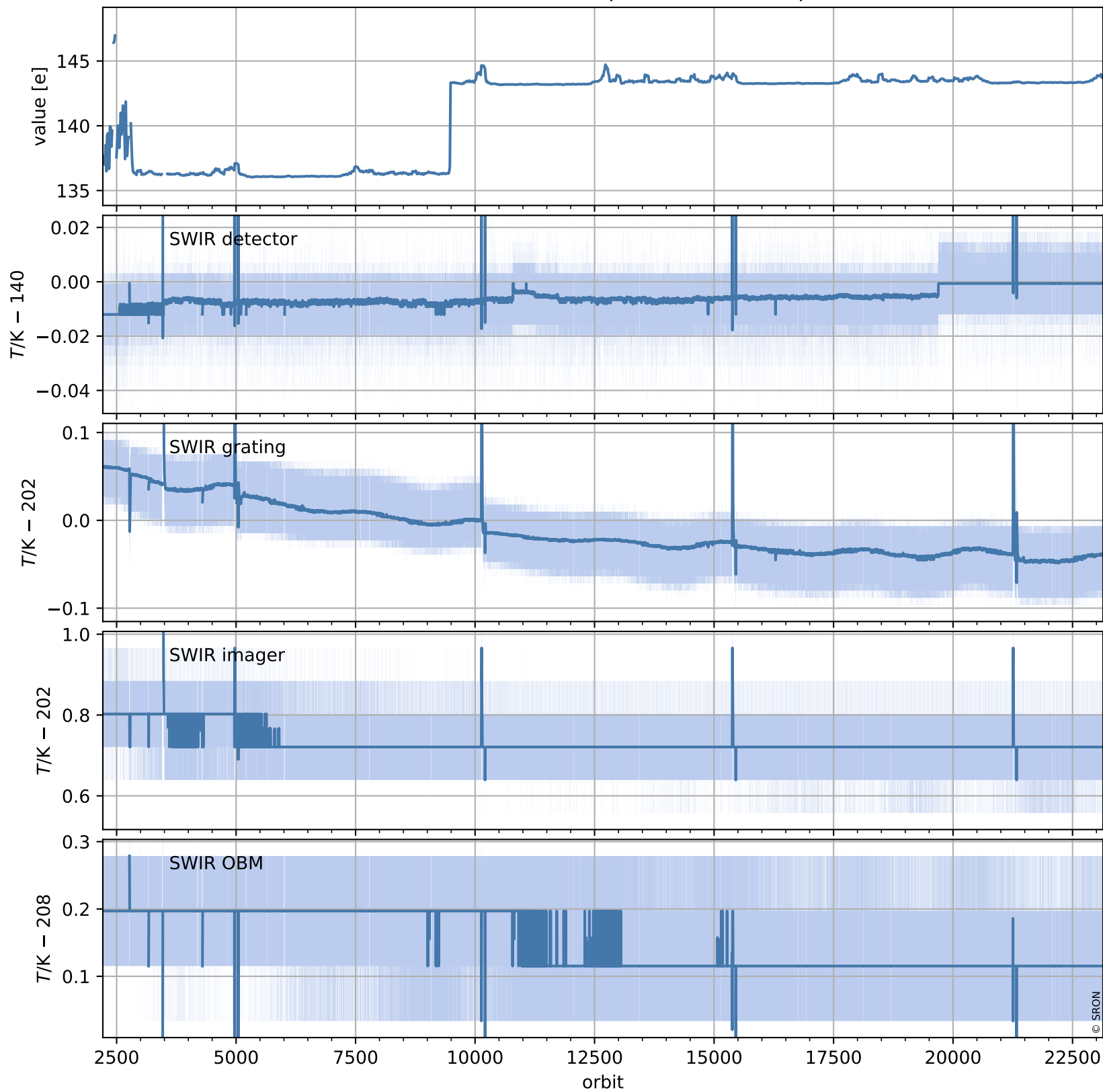
orbits : 12 in [23062, 23137]
coverage : 2022-03-26 / 2022-03-31
created : 2023-08-21T16:28:23



Tropomi SWIR background noise (swir)

orbits : [2212, 23137]
coverage : 2018-03-18 / 2022-03-31
created : 2023-08-21T16:28:23

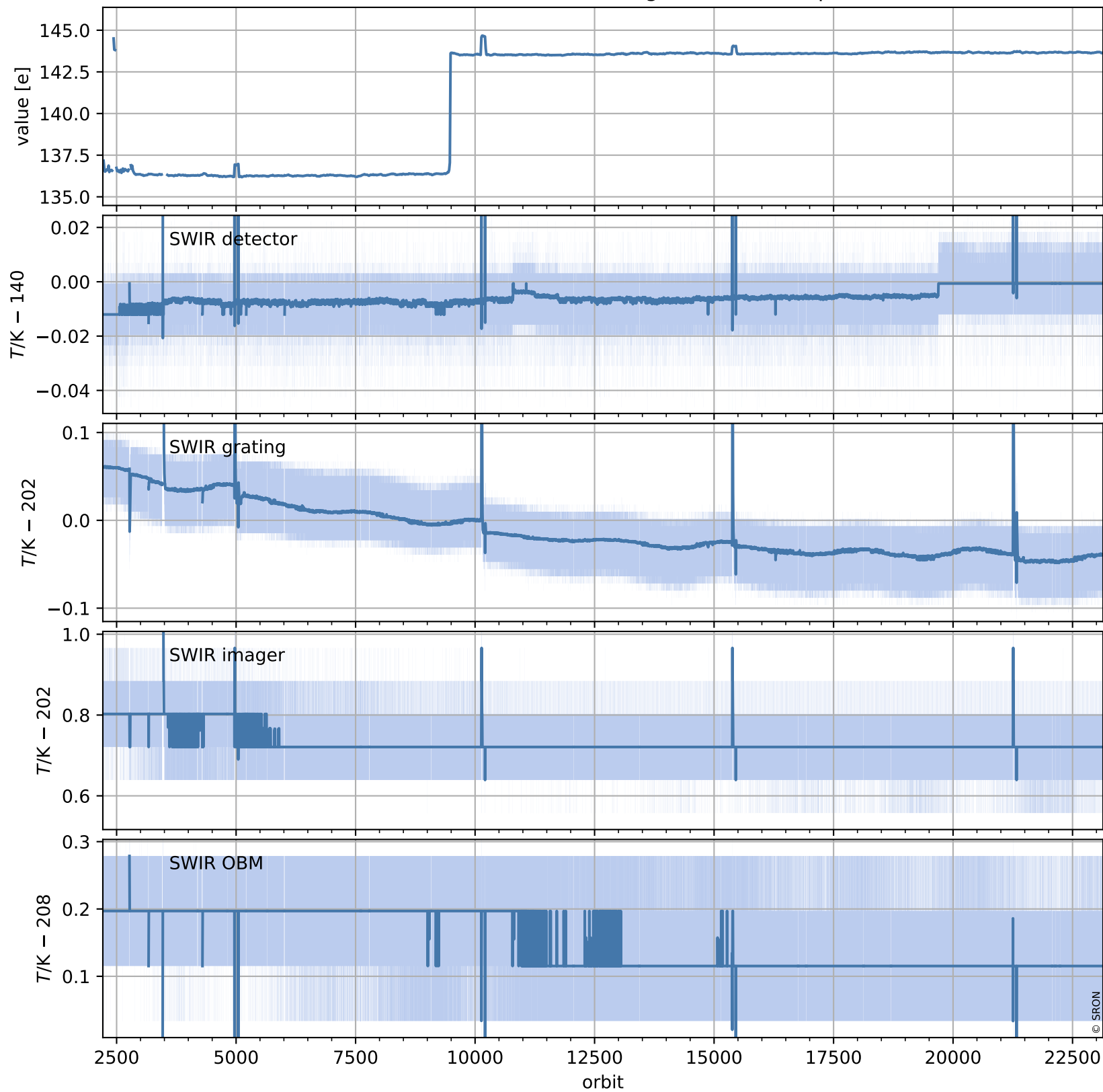
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23137]
coverage : 2018-03-18 / 2022-03-31
created : 2023-08-21T16:28:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23137]
coverage : 2018-03-18 / 2022-03-31
created : 2023-08-21T16:28:25

trend of normalized read-noise & temperatures

