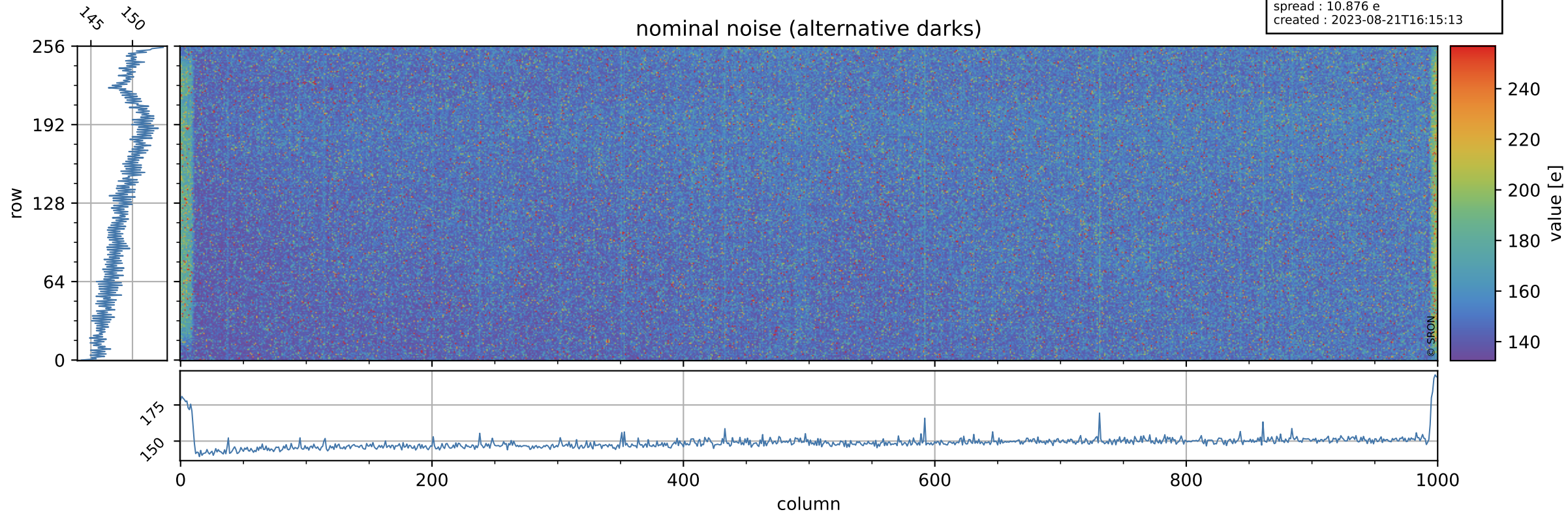


Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.876 e
created : 2023-08-21T16:15:13

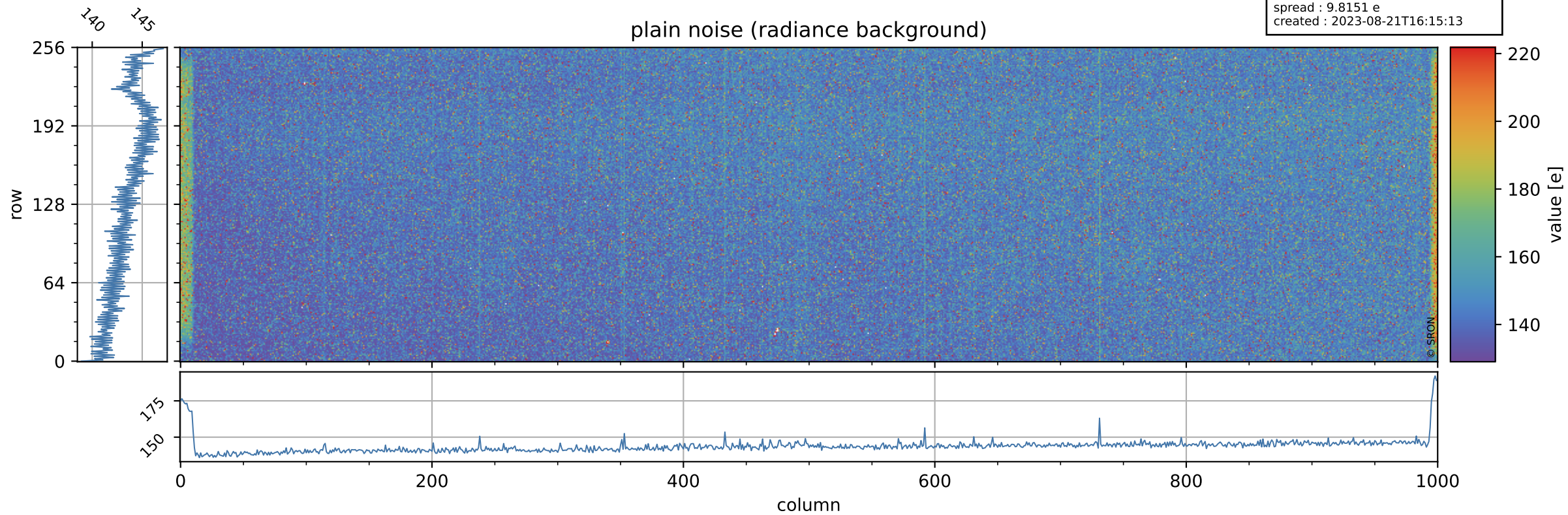
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8151 e
created : 2023-08-21T16:15:13

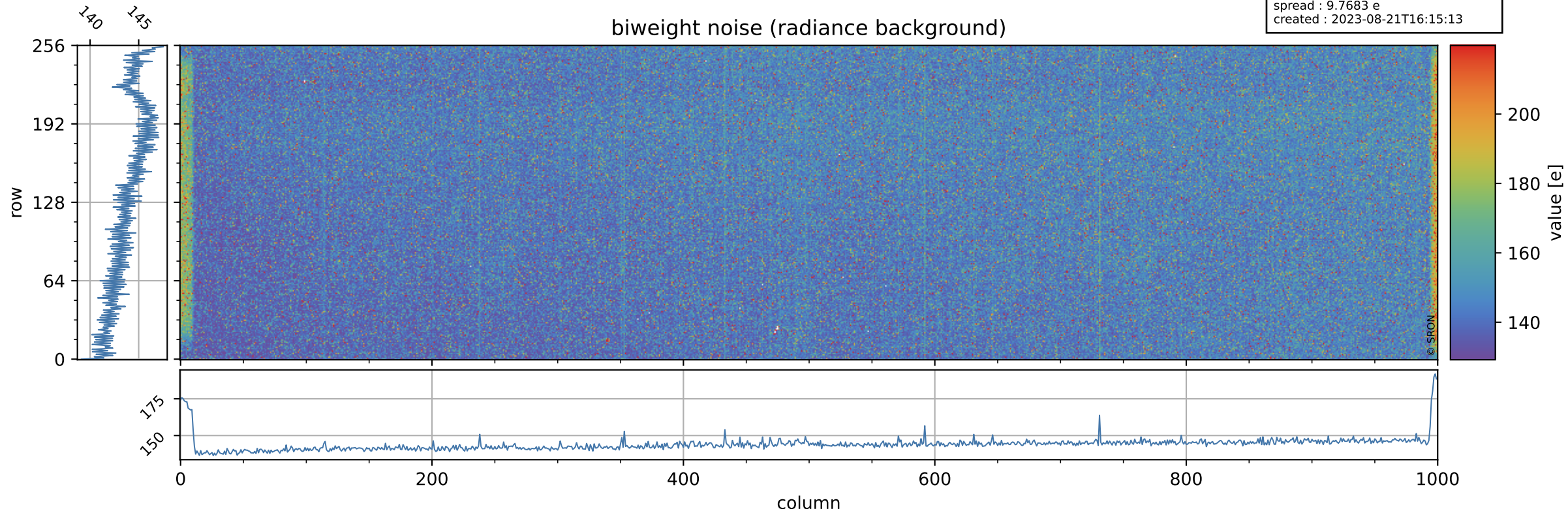
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7683 e
created : 2023-08-21T16:15:13

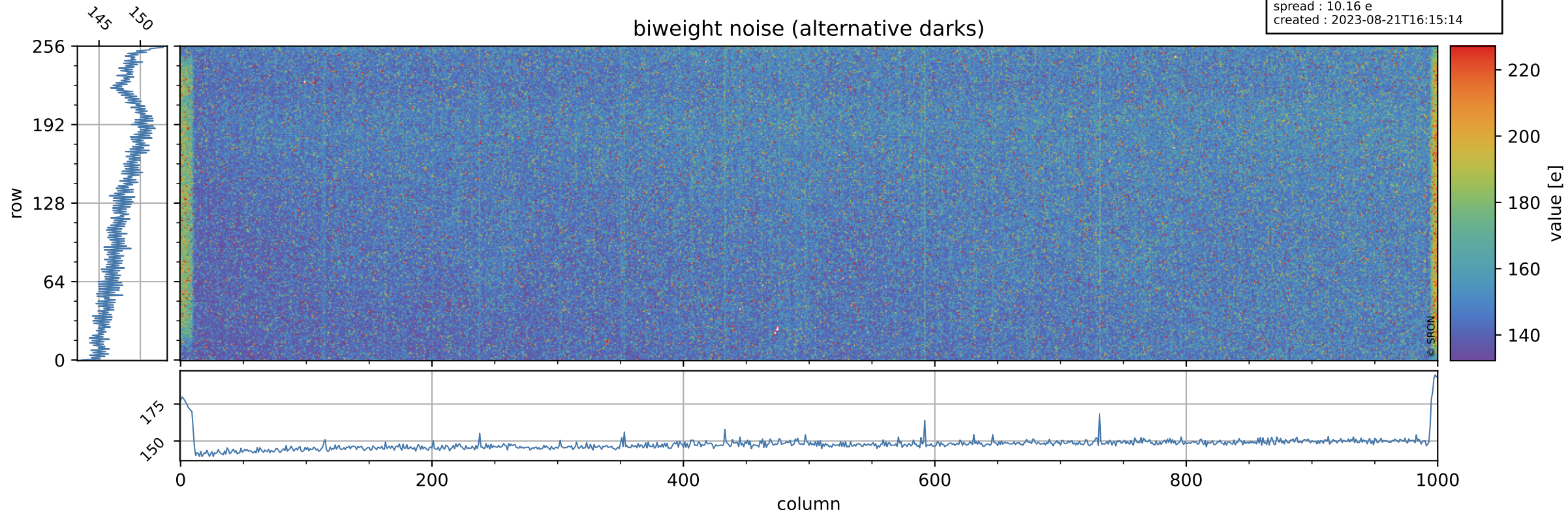
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.16 e
created : 2023-08-21T16:15:14

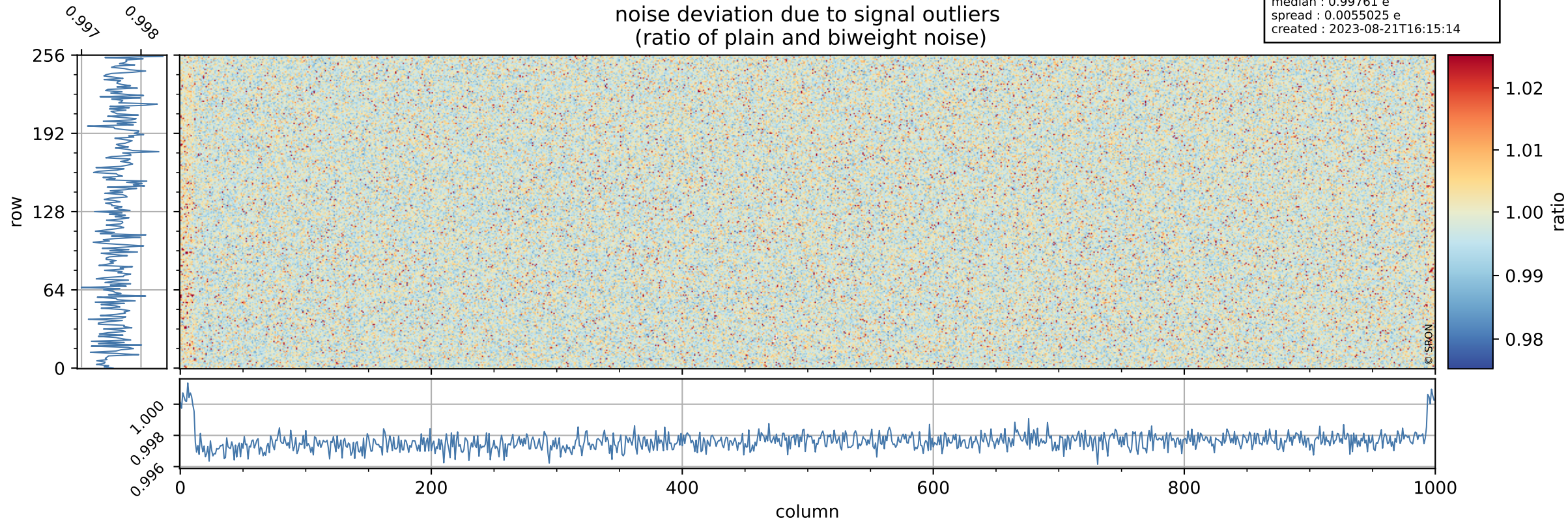
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

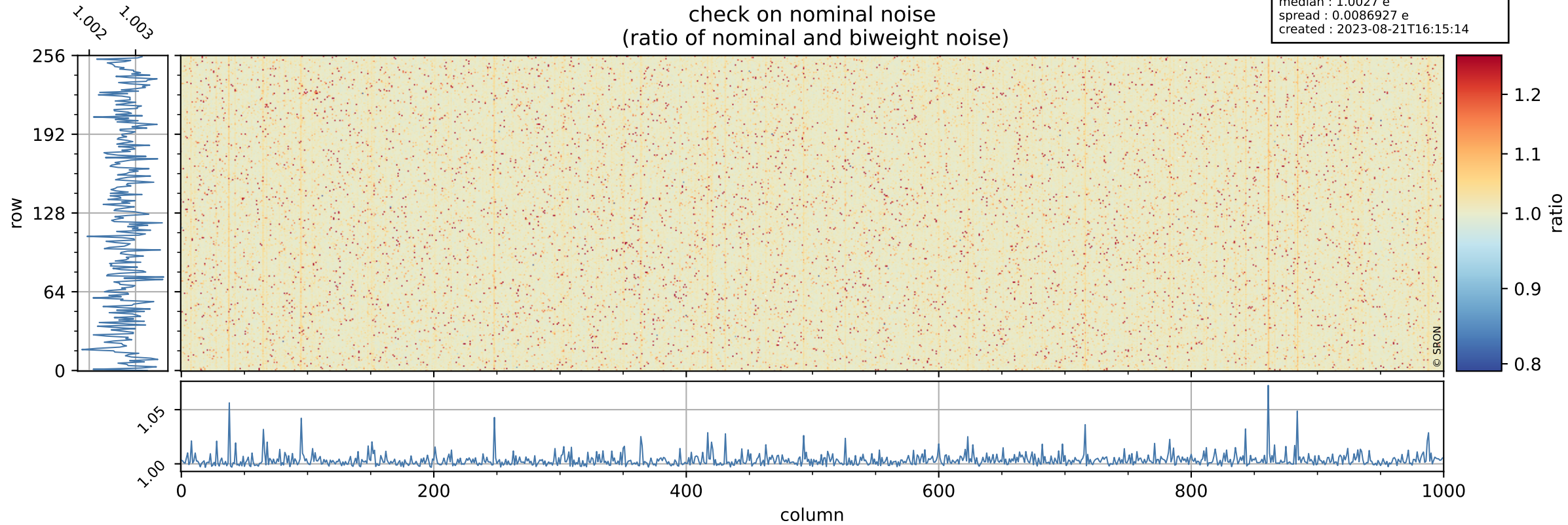
orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
median : 0.99761 e
spread : 0.0055025 e
created : 2023-08-21T16:15:14



Tropomi SWIR background noise (swir)

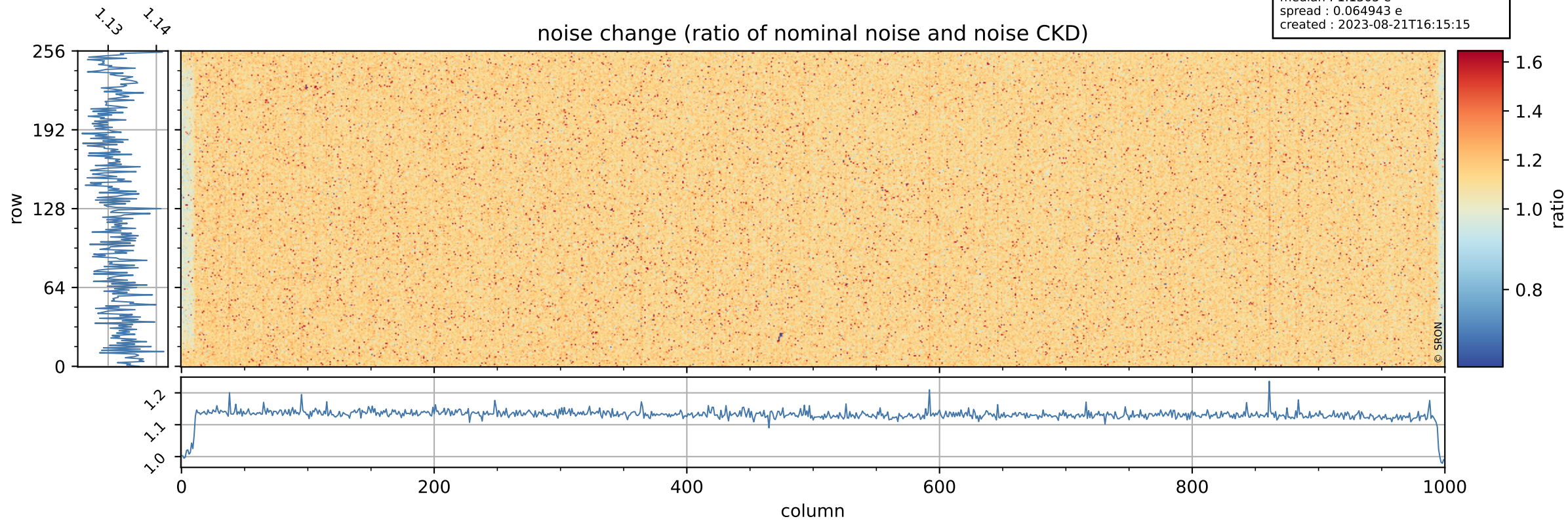
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
median : 1.0027 e
spread : 0.0086927 e
created : 2023-08-21T16:15:14



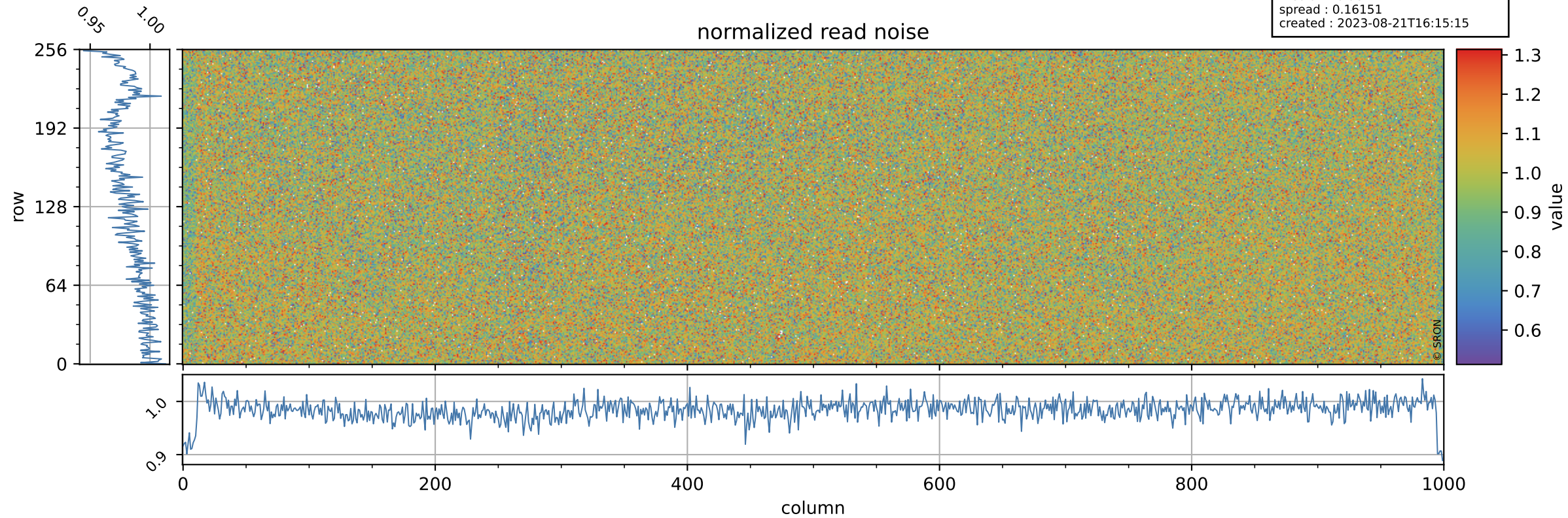
Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
median : 1.1305 e
spread : 0.064943 e
created : 2023-08-21T16:15:15



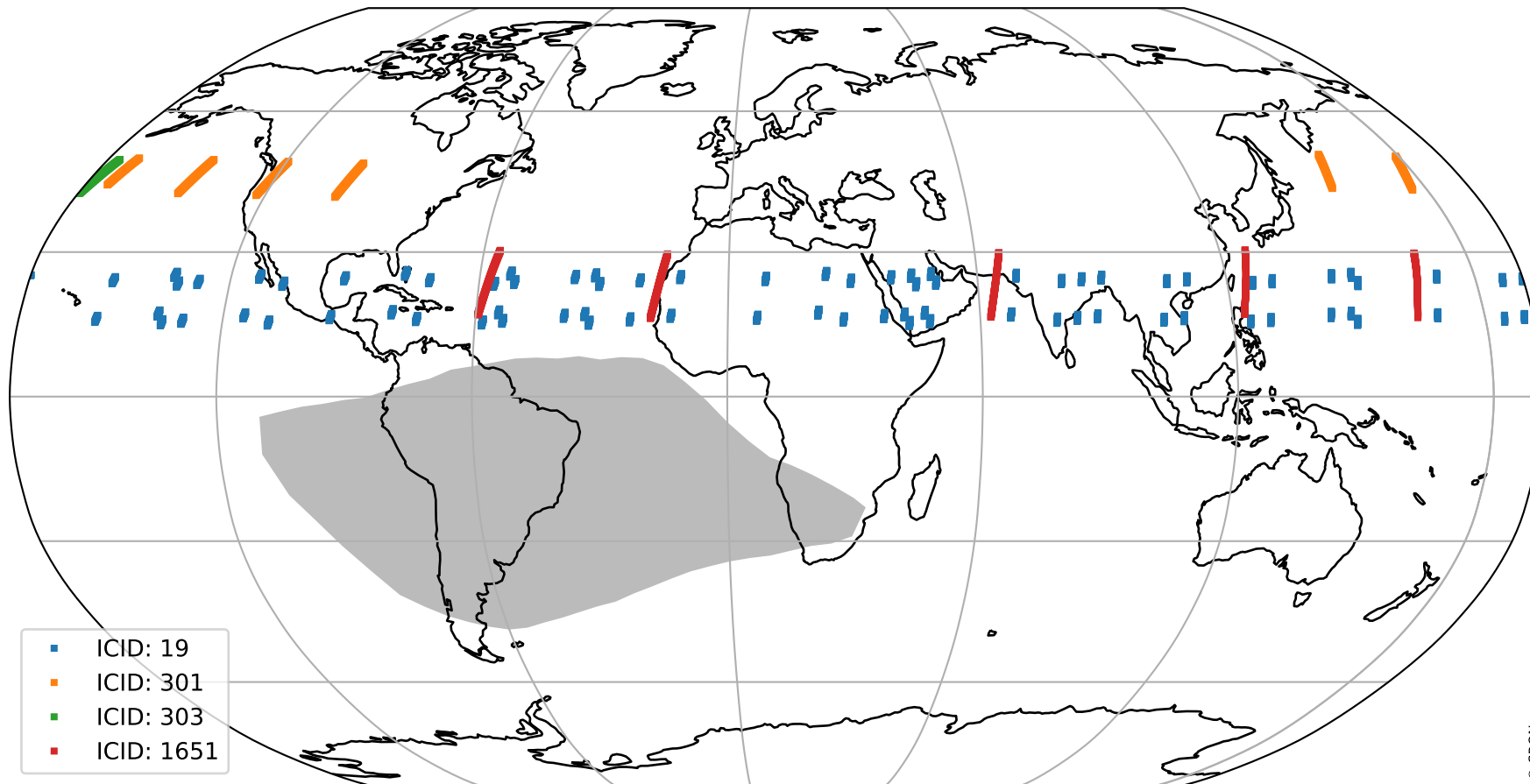
Tropomi SWIR background noise (swir)

orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
median : 0.98241
spread : 0.16151
created : 2023-08-21T16:15:15



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

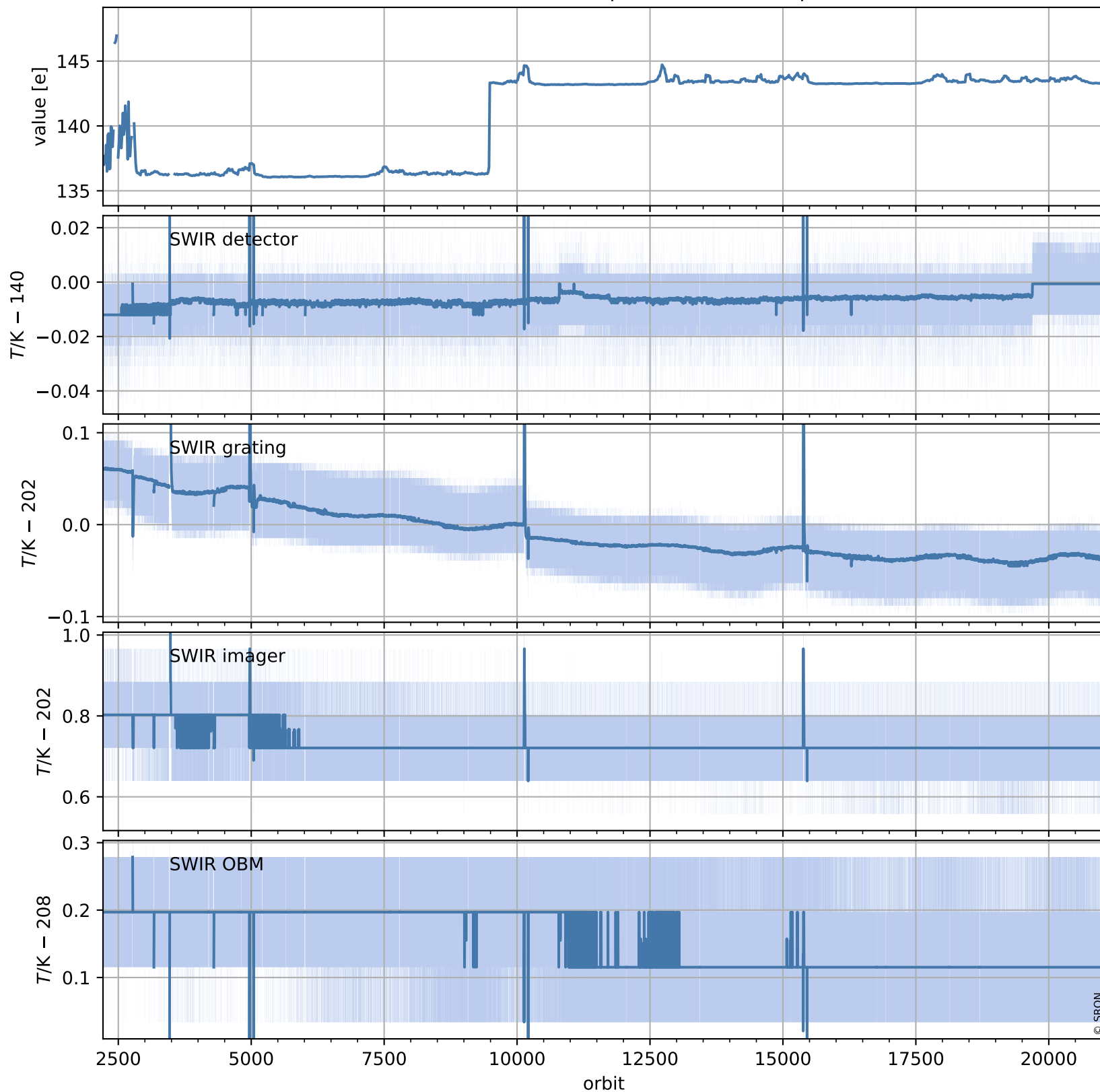
orbits : 12 in [20962, 21052]
coverage : 2021-10-30 / 2021-11-04
created : 2023-08-21T16:15:15



Tropomi SWIR background noise (swir)

orbits : [2212, 21052]
coverage : 2018-03-18 / 2021-11-04
created : 2023-08-21T16:15:16

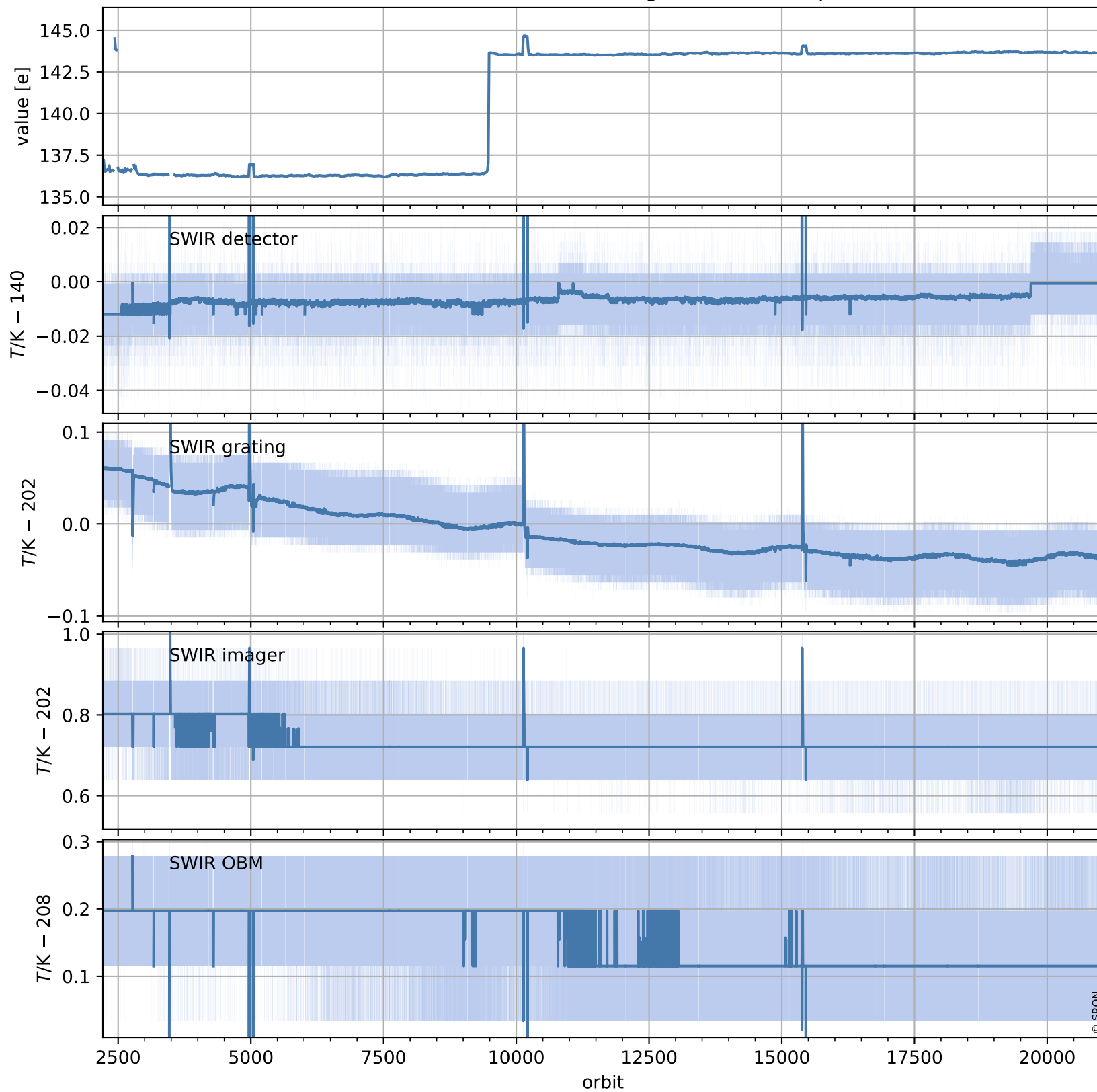
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21052]
coverage : 2018-03-18 / 2021-11-04
created : 2023-08-21T16:15:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21052]
coverage : 2018-03-18 / 2021-11-04
created : 2023-08-21T16:15:17

trend of normalized read-noise & temperatures

