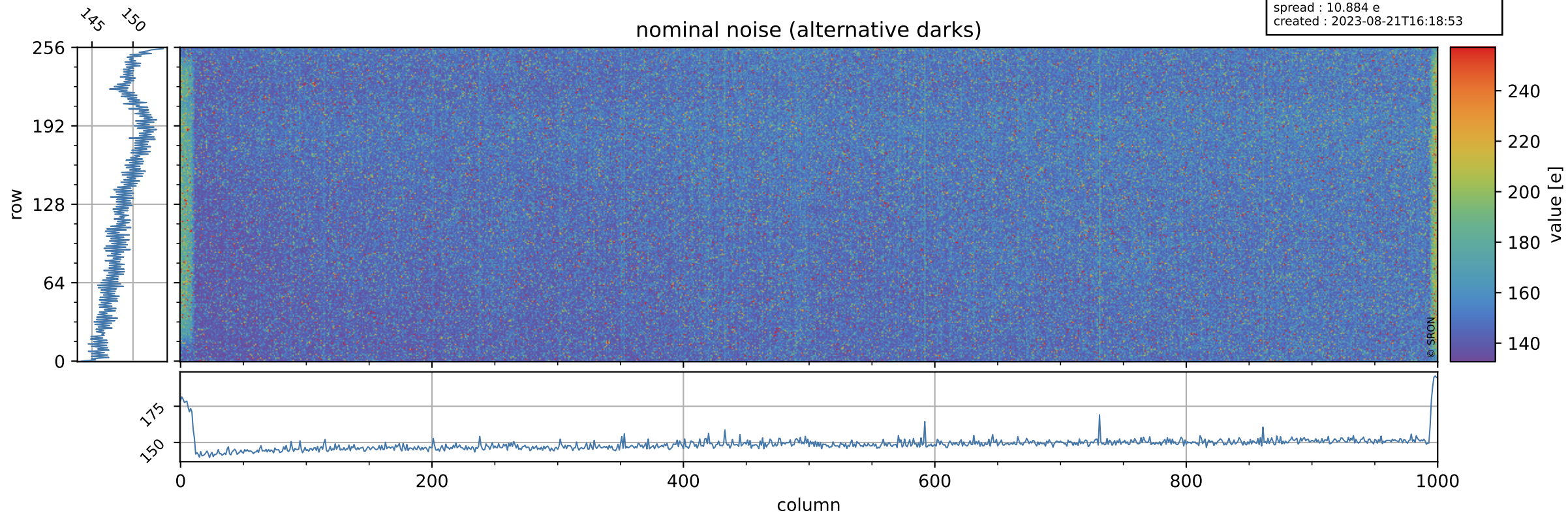


Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.884 e
created : 2023-08-21T16:18:53

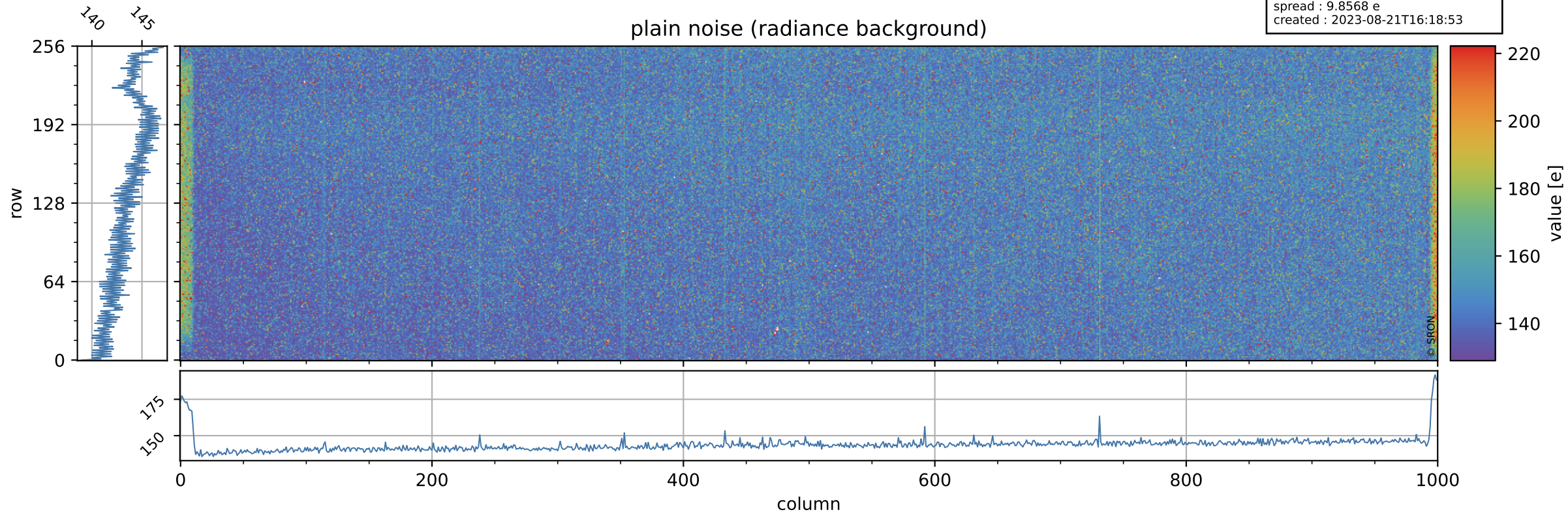
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8568 e
created : 2023-08-21T16:18:53

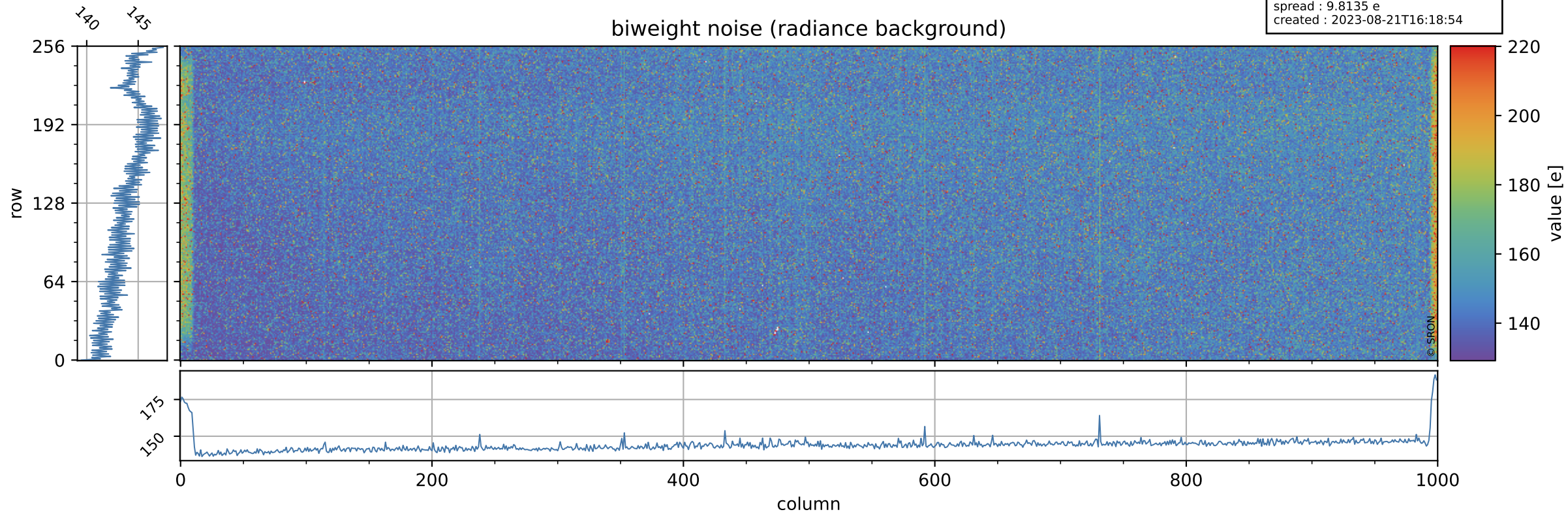
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8135 e
created : 2023-08-21T16:18:54

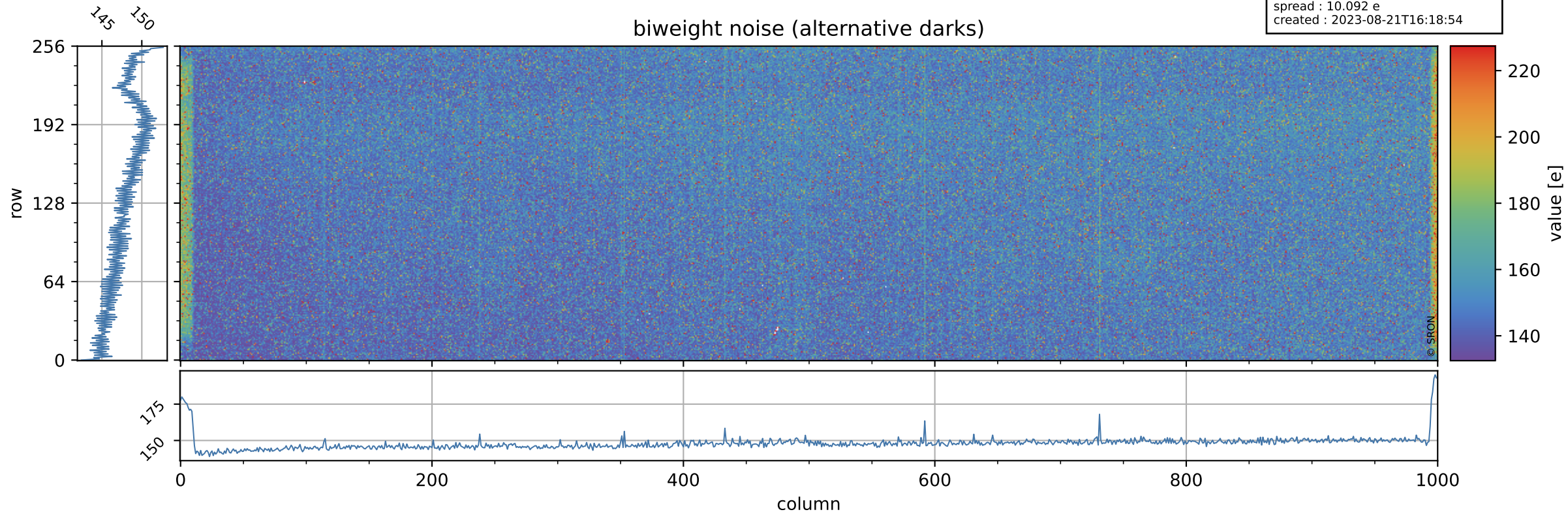
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.092 e
created : 2023-08-21T16:18:54

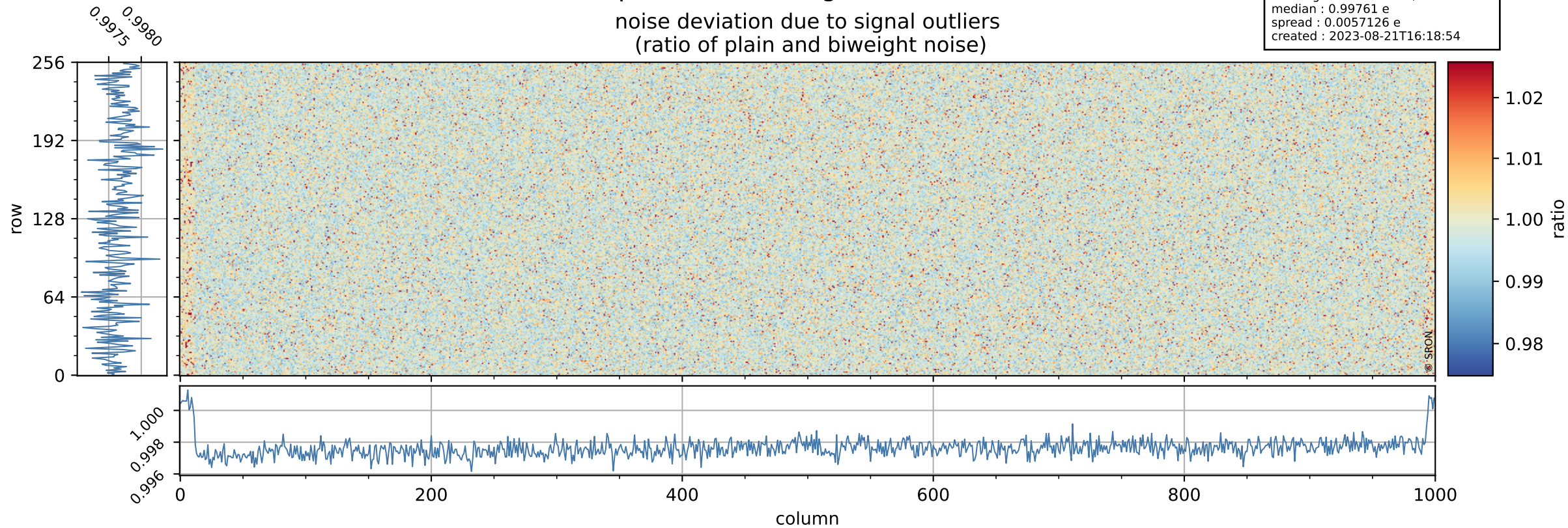
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

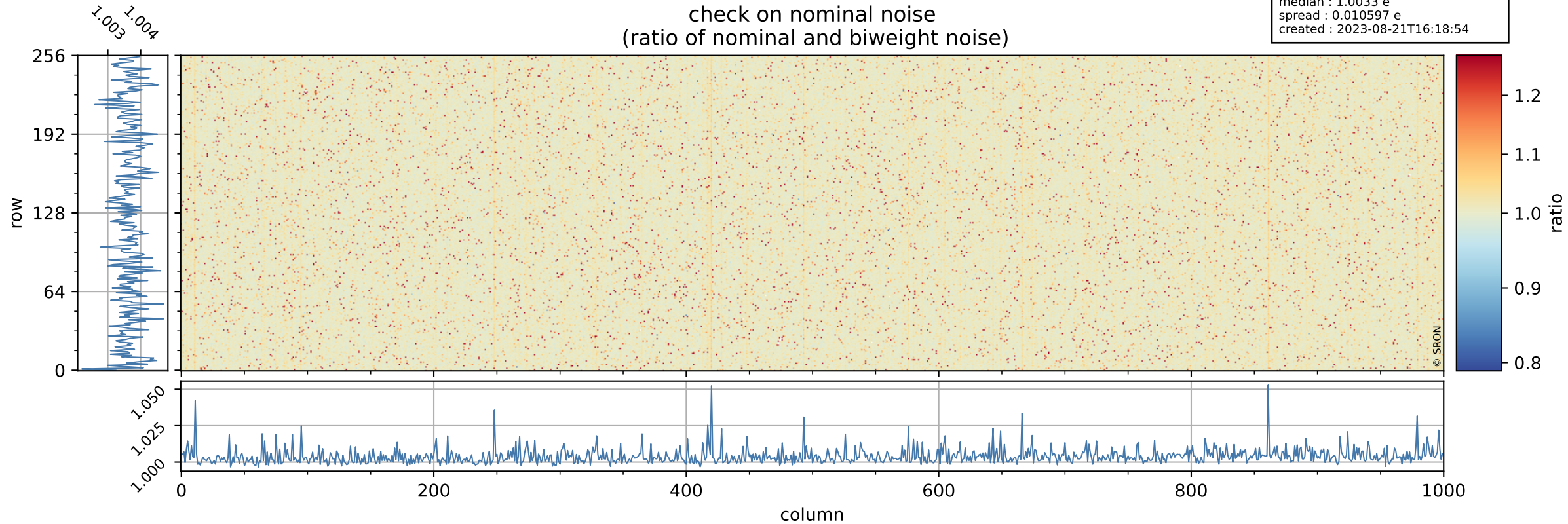
orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
median : 0.99761 e
spread : 0.0057126 e
created : 2023-08-21T16:18:54



Tropomi SWIR background noise (swir)

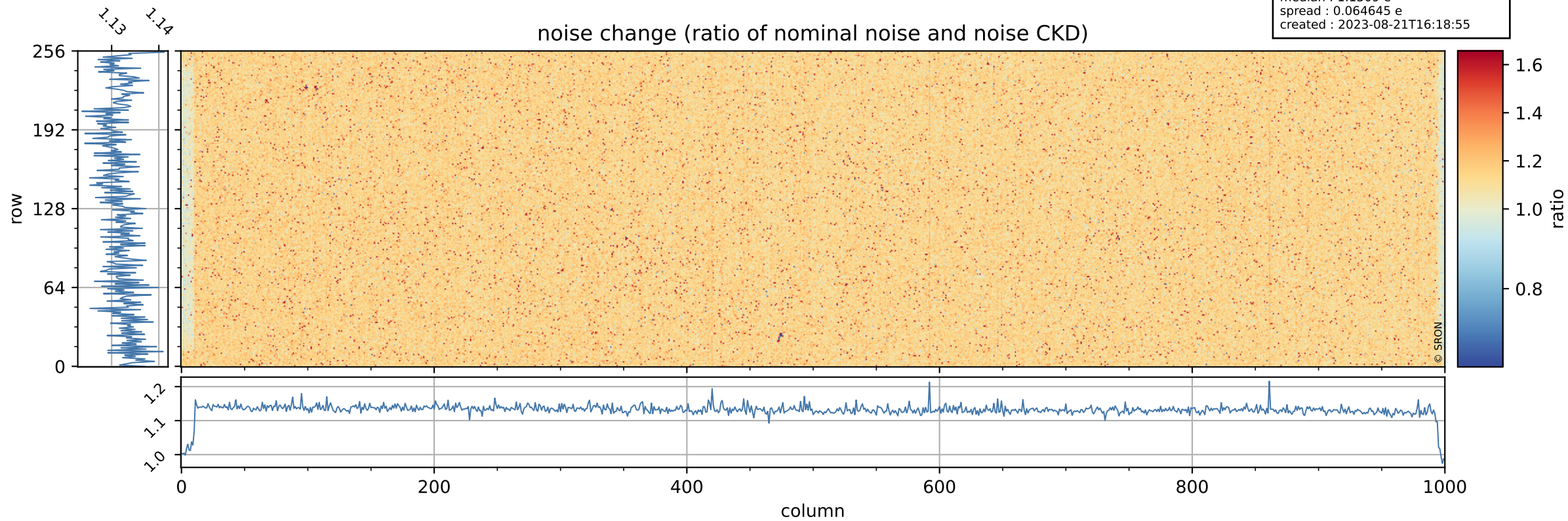
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
median : 1.0033 e
spread : 0.010597 e
created : 2023-08-21T16:18:54



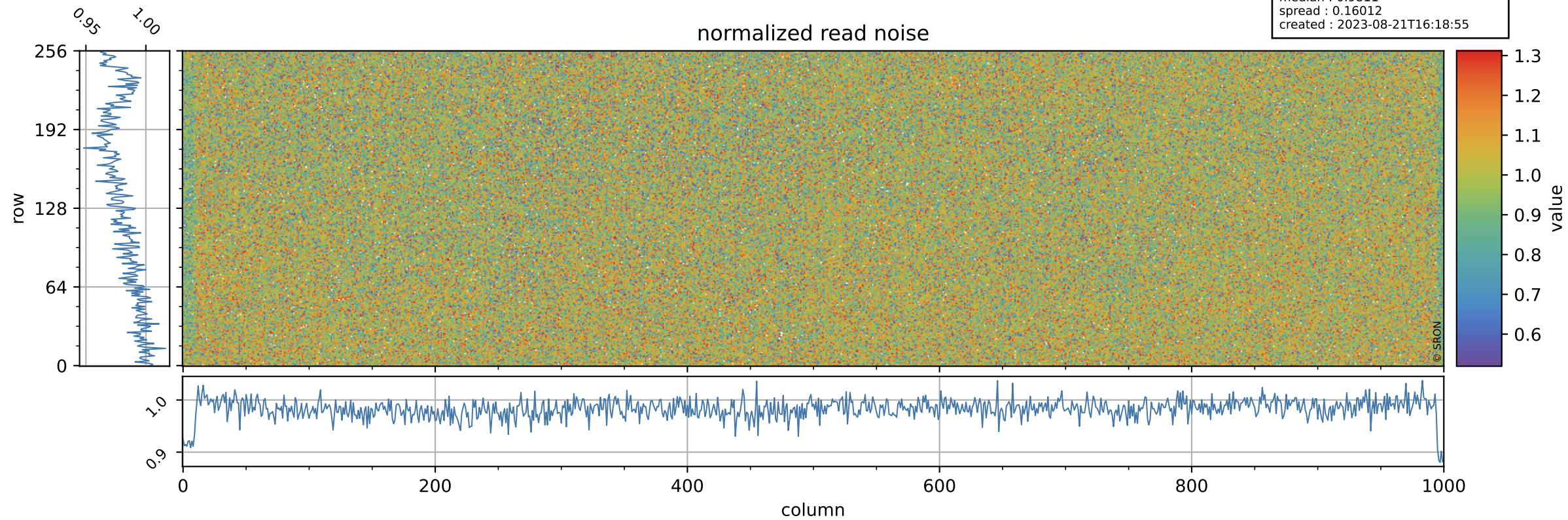
Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
median : 1.1309 e
spread : 0.064645 e
created : 2023-08-21T16:18:55



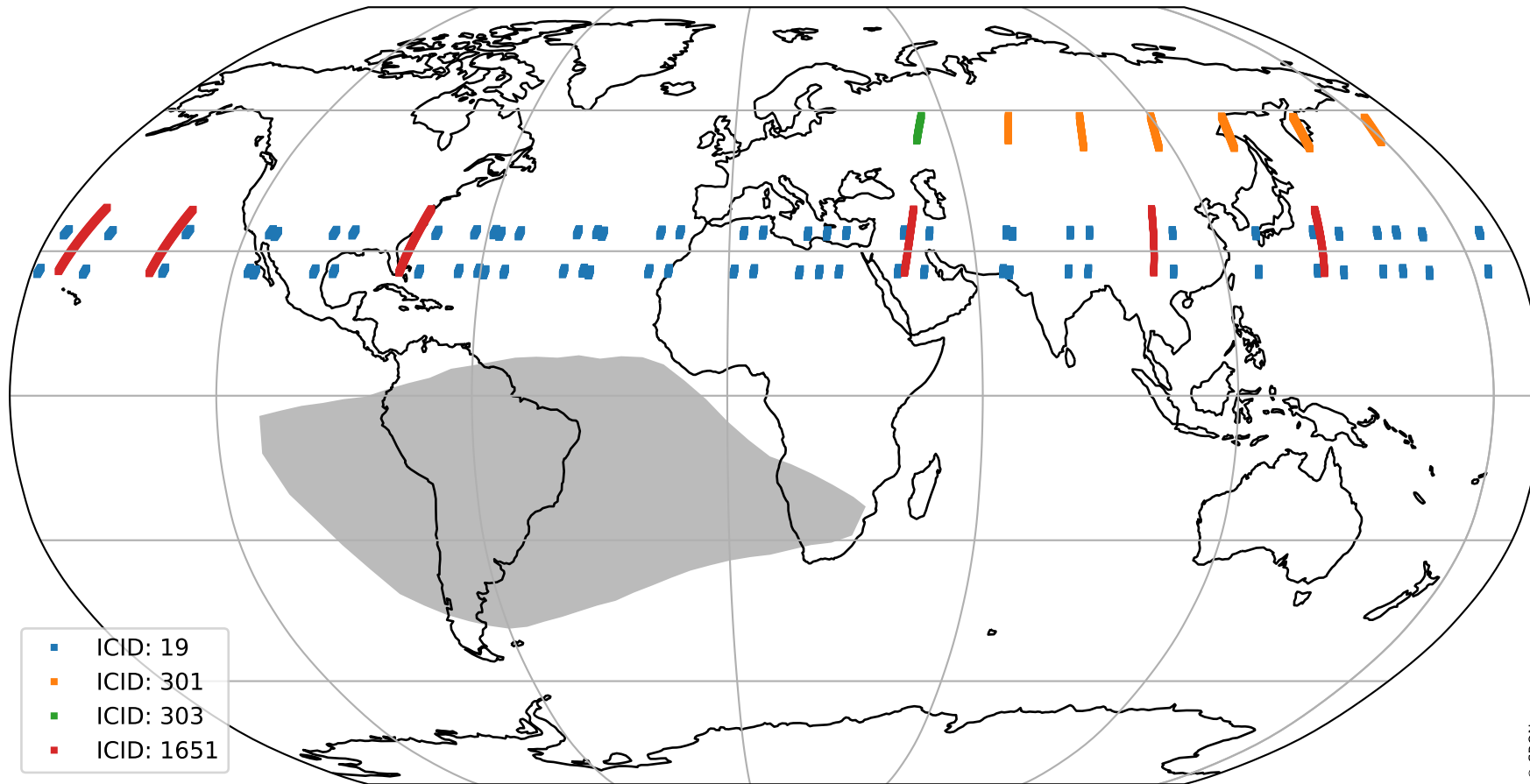
Tropomi SWIR background noise (swir)

orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
median : 0.9811
spread : 0.16012
created : 2023-08-21T16:18:55



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

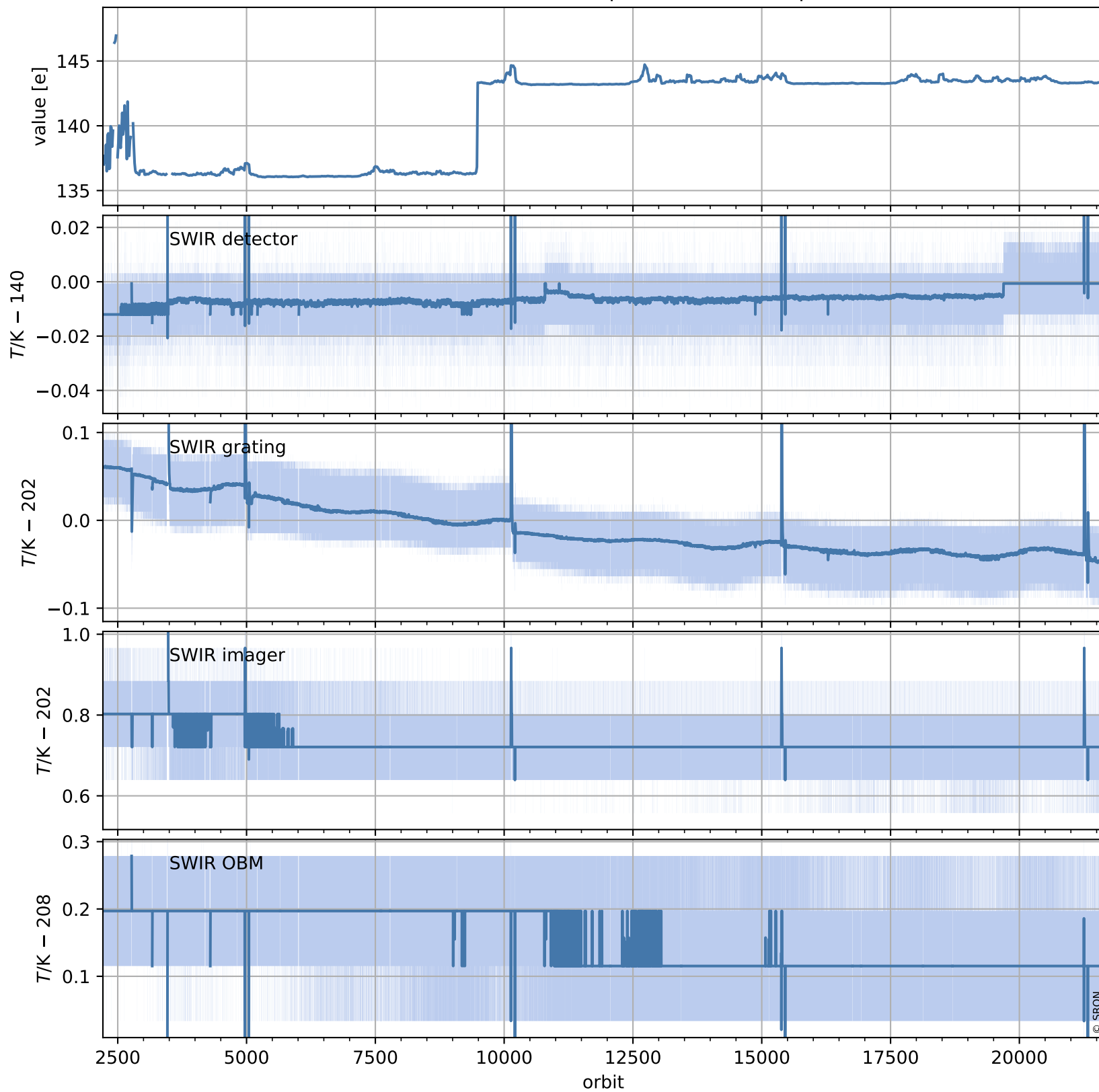
orbits : 13 in [21547, 21637]
coverage : 2021-12-10 / 2021-12-16
created : 2023-08-21T16:18:55



Tropomi SWIR background noise (swir)

orbits : [2212, 21637]
coverage : 2018-03-18 / 2021-12-16
created : 2023-08-21T16:18:56

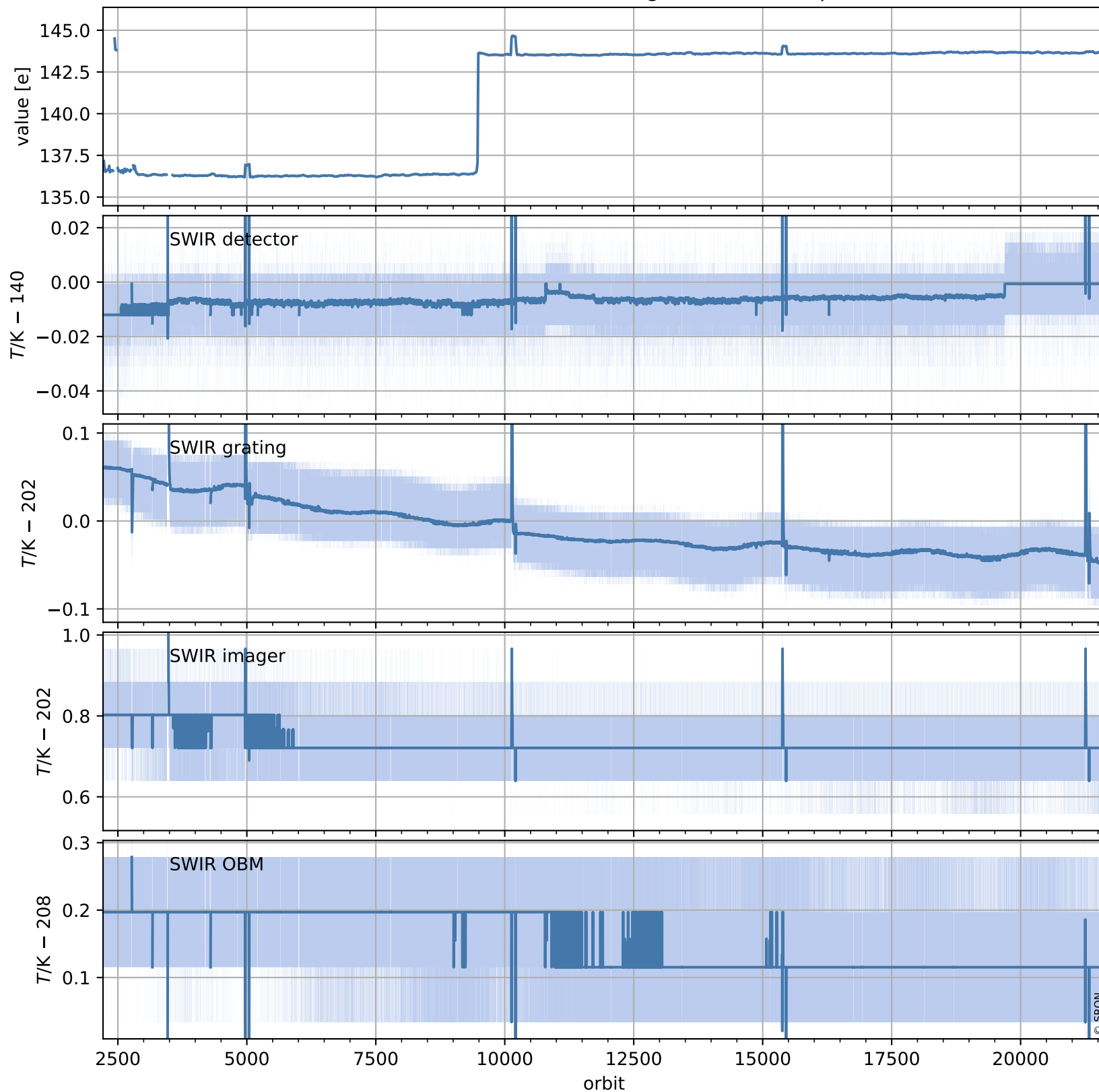
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21637]
coverage : 2018-03-18 / 2021-12-16
created : 2023-08-21T16:18:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21637]
coverage : 2018-03-18 / 2021-12-16
created : 2023-08-21T16:18:57

trend of normalized read-noise & temperatures

