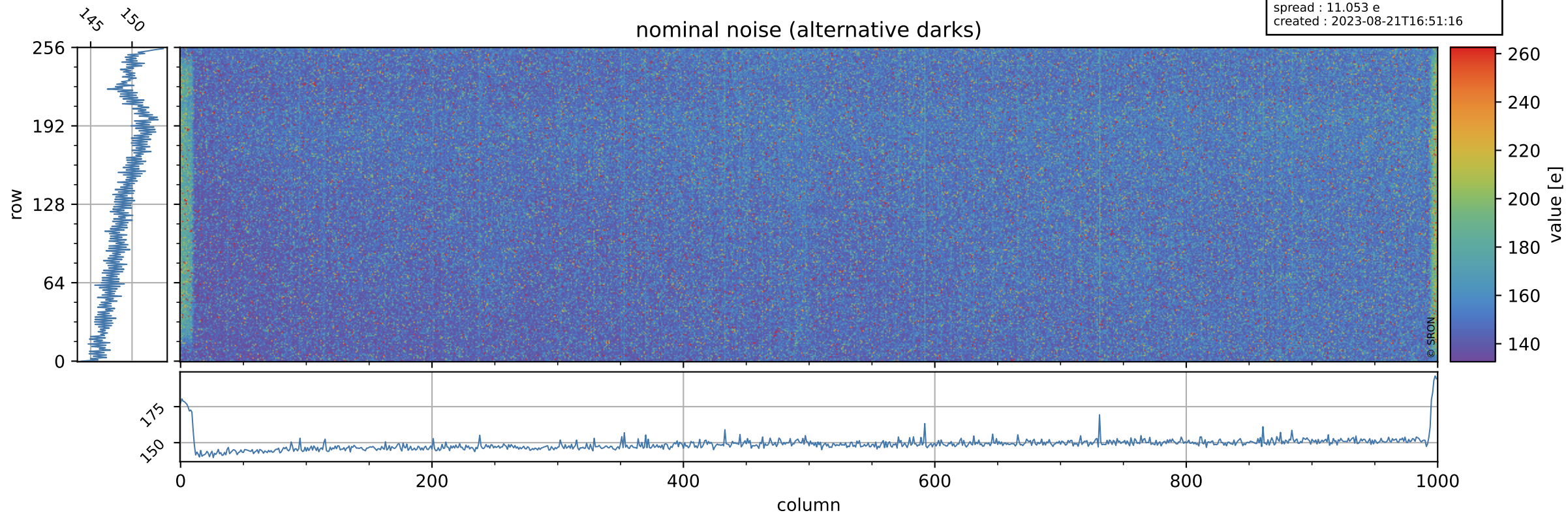


Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.053 e
created : 2023-08-21T16:51:16

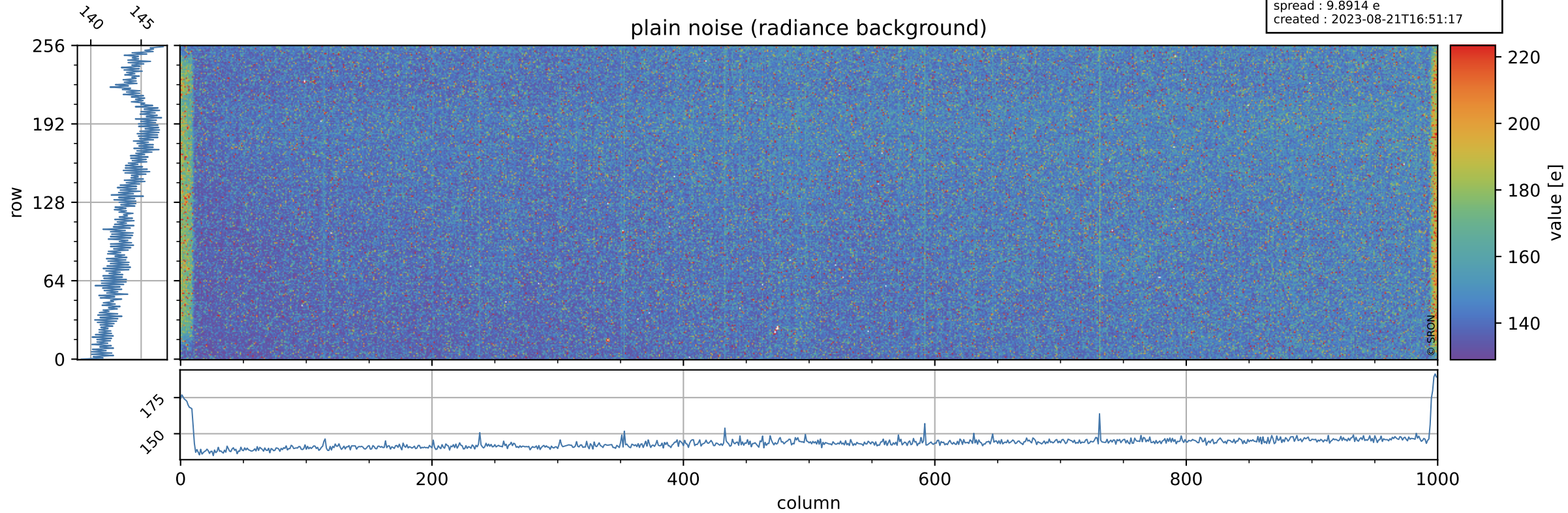
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8914 e
created : 2023-08-21T16:51:17

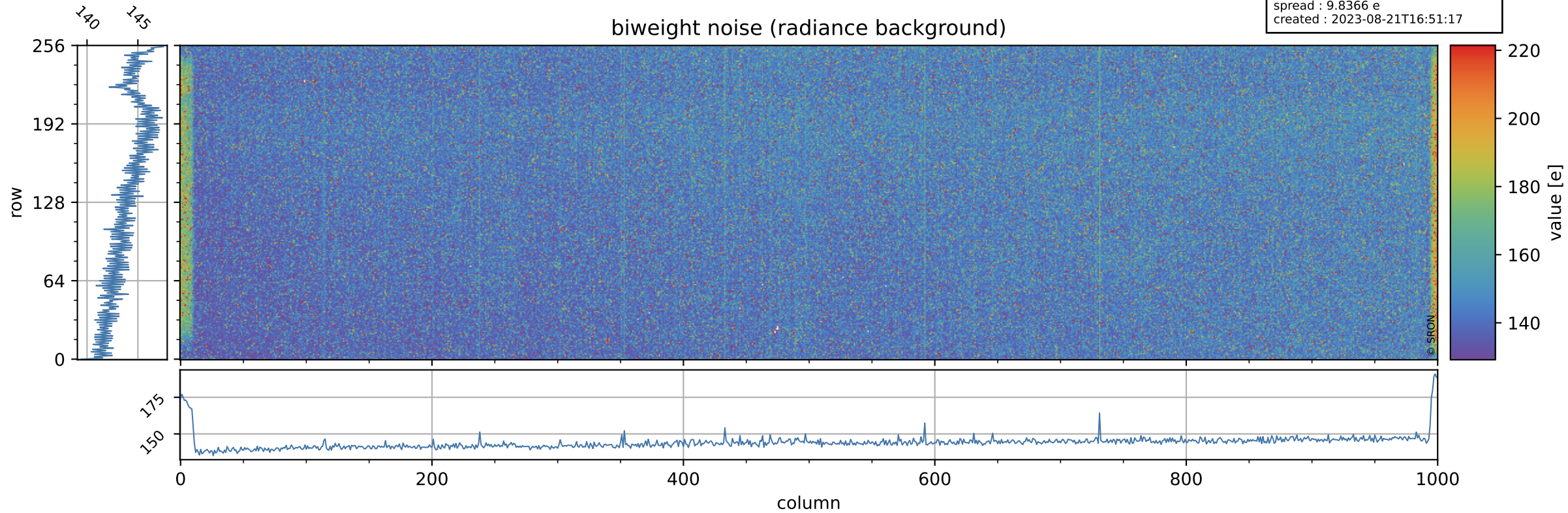
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8366 e
created : 2023-08-21T16:51:17

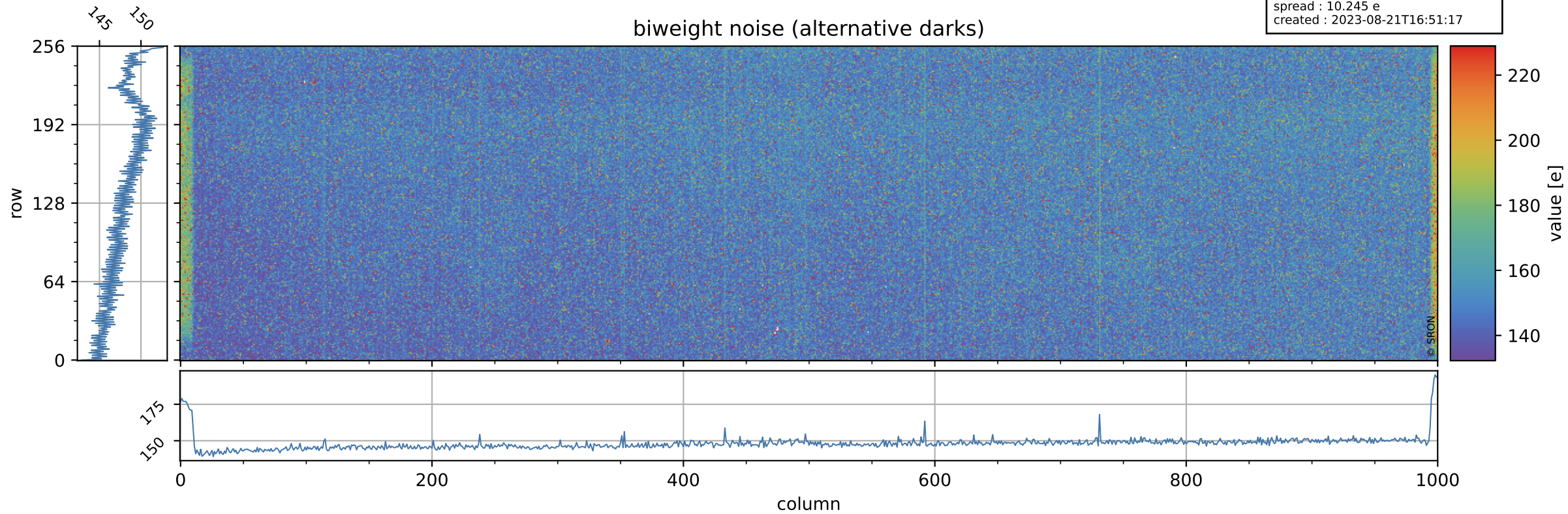
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.245 e
created : 2023-08-21T16:51:17

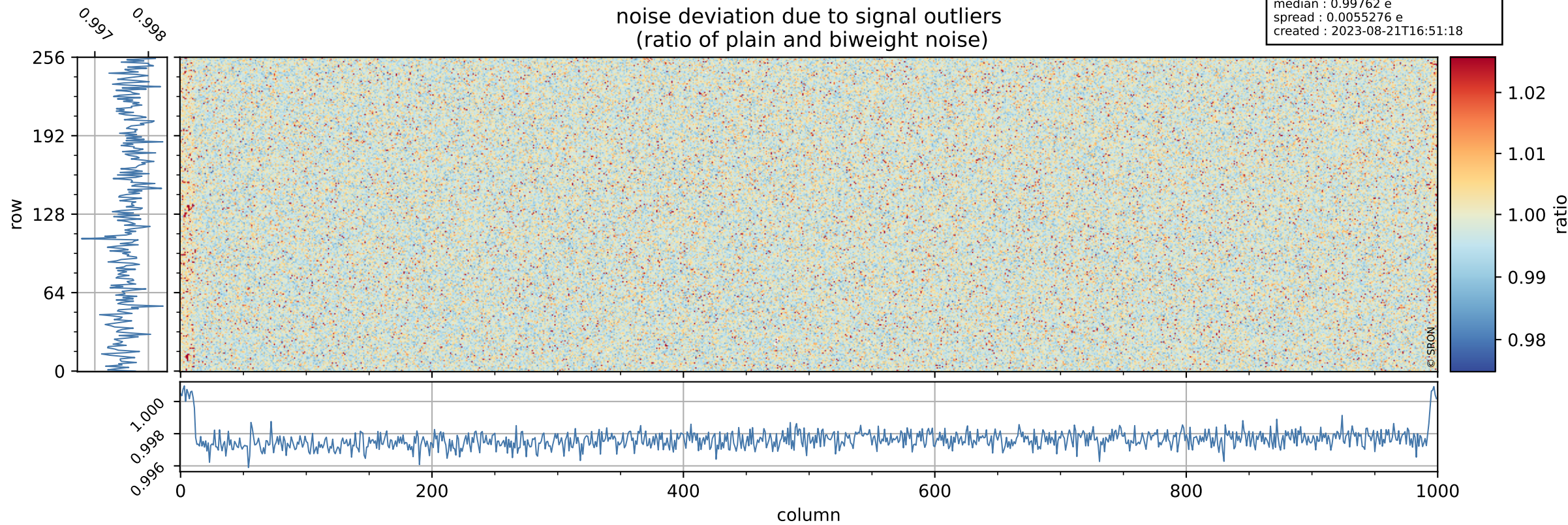
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

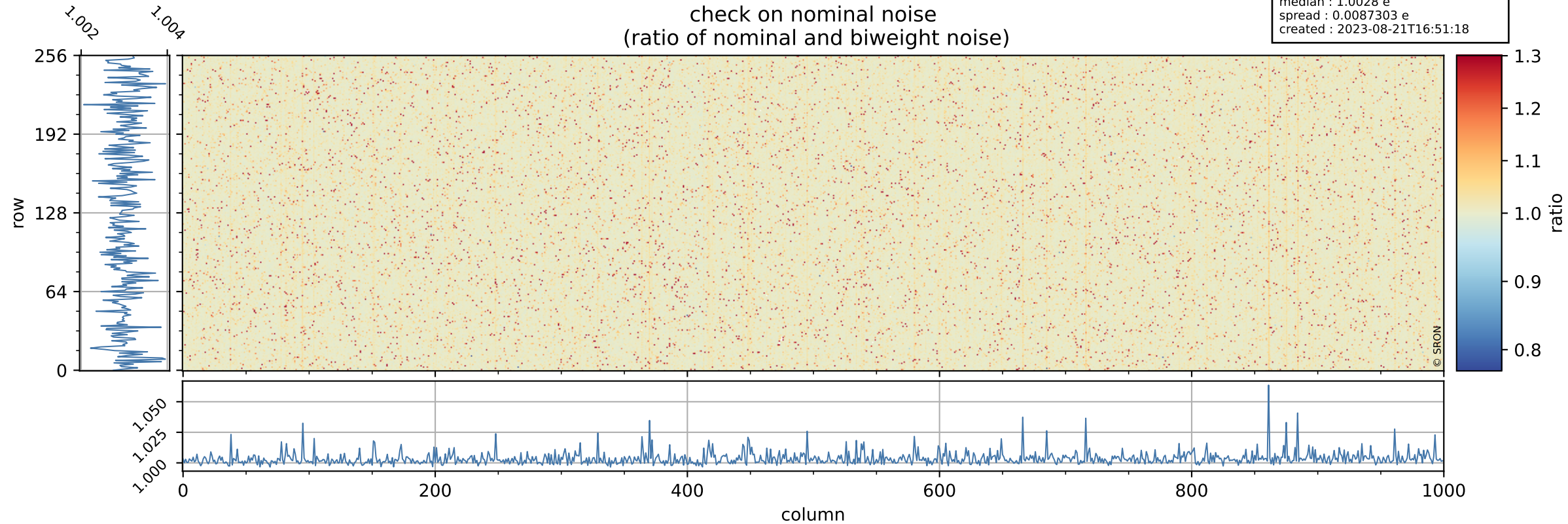
orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
median : 0.99762 e
spread : 0.0055276 e
created : 2023-08-21T16:51:18



Tropomi SWIR background noise (swir)

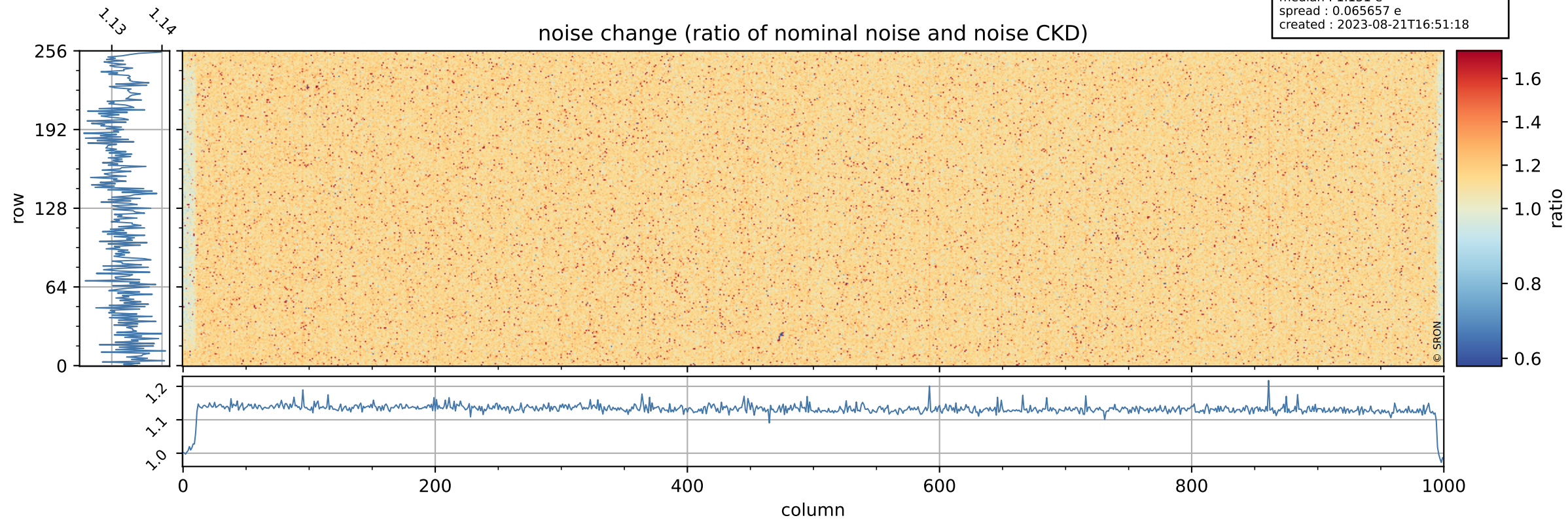
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
median : 1.0028 e
spread : 0.0087303 e
created : 2023-08-21T16:51:18



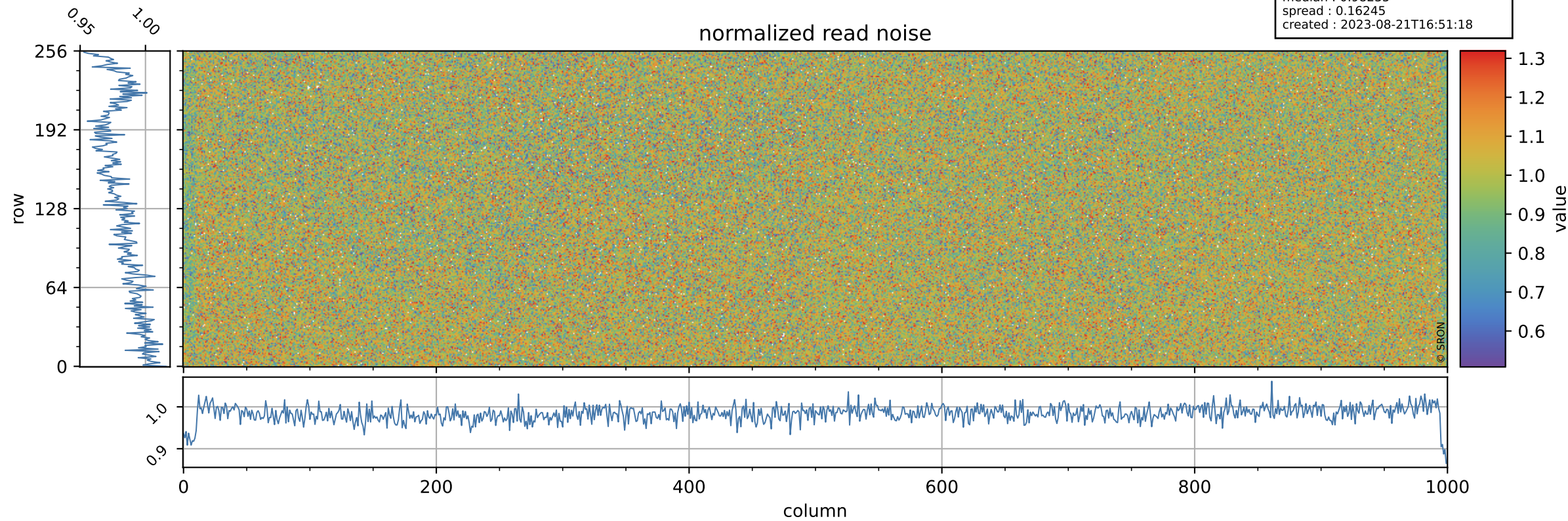
Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
median : 1.131 e
spread : 0.065657 e
created : 2023-08-21T16:51:18



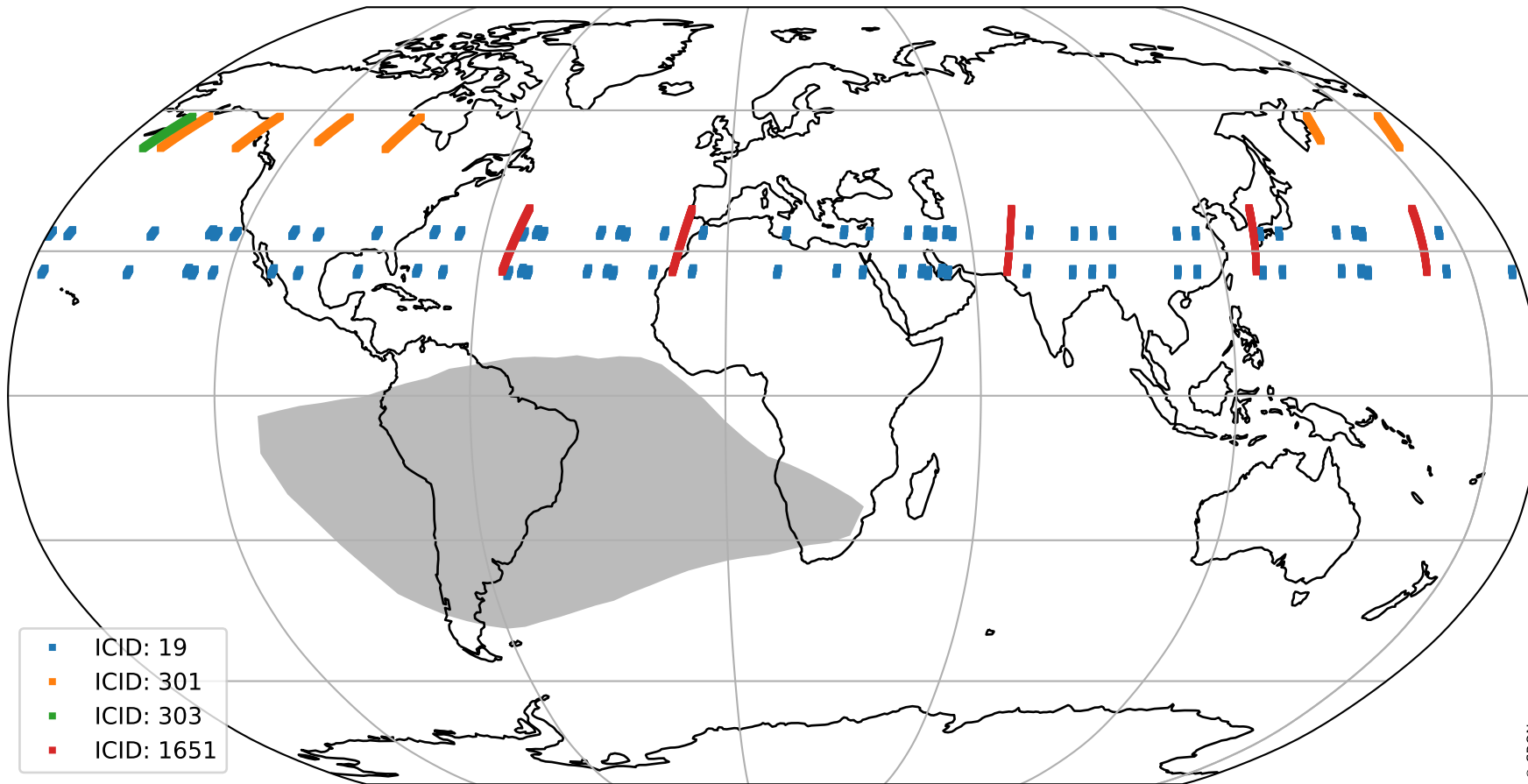
Tropomi SWIR background noise (swir)

orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
median : 0.98235
spread : 0.16245
created : 2023-08-21T16:51:18



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

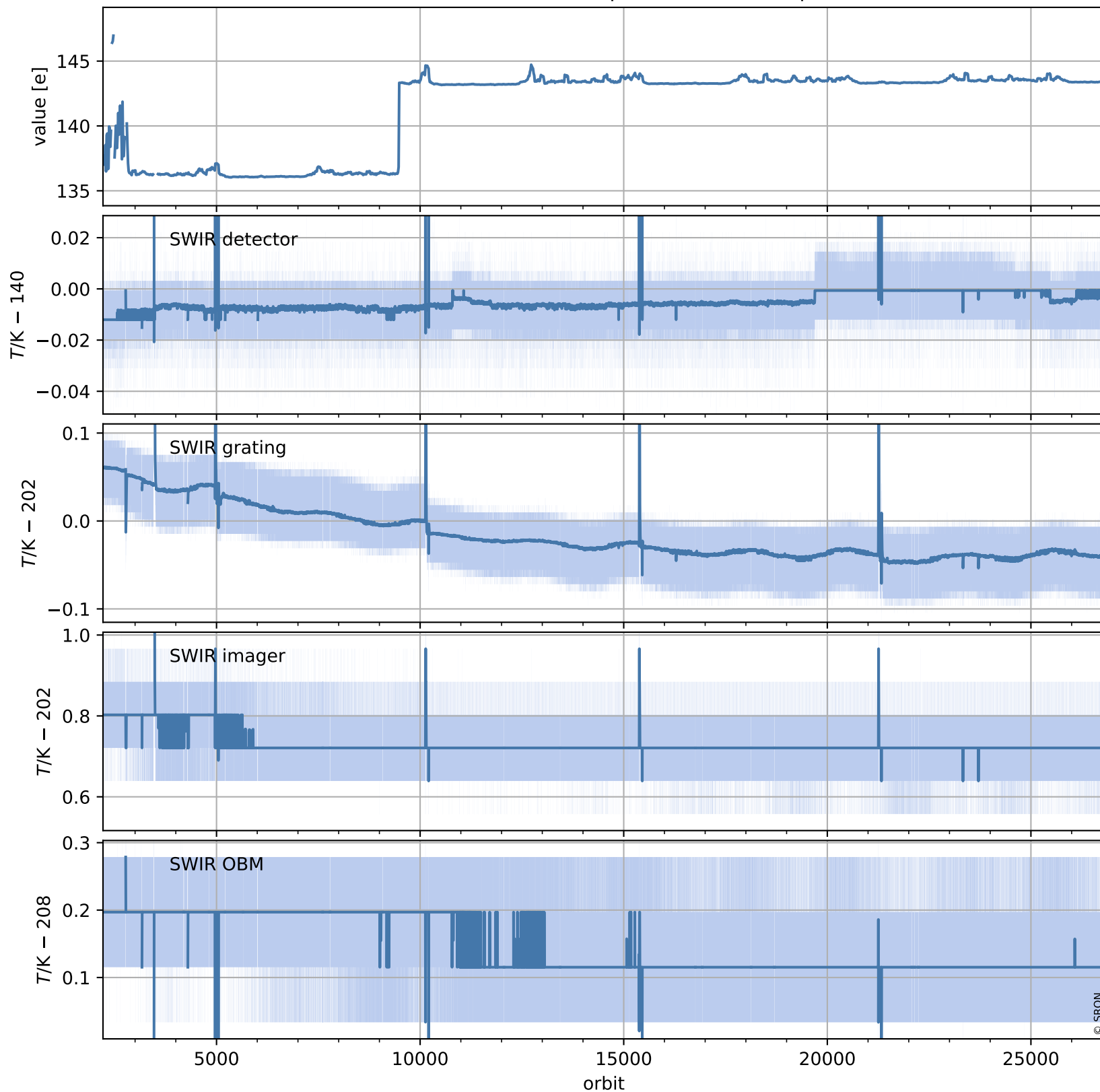
orbits : 12 in [26722, 26812]
coverage : 2022-12-10 / 2022-12-15
created : 2023-08-21T16:51:19



Tropomi SWIR background noise (swir)

orbits : [2212, 26812]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:19

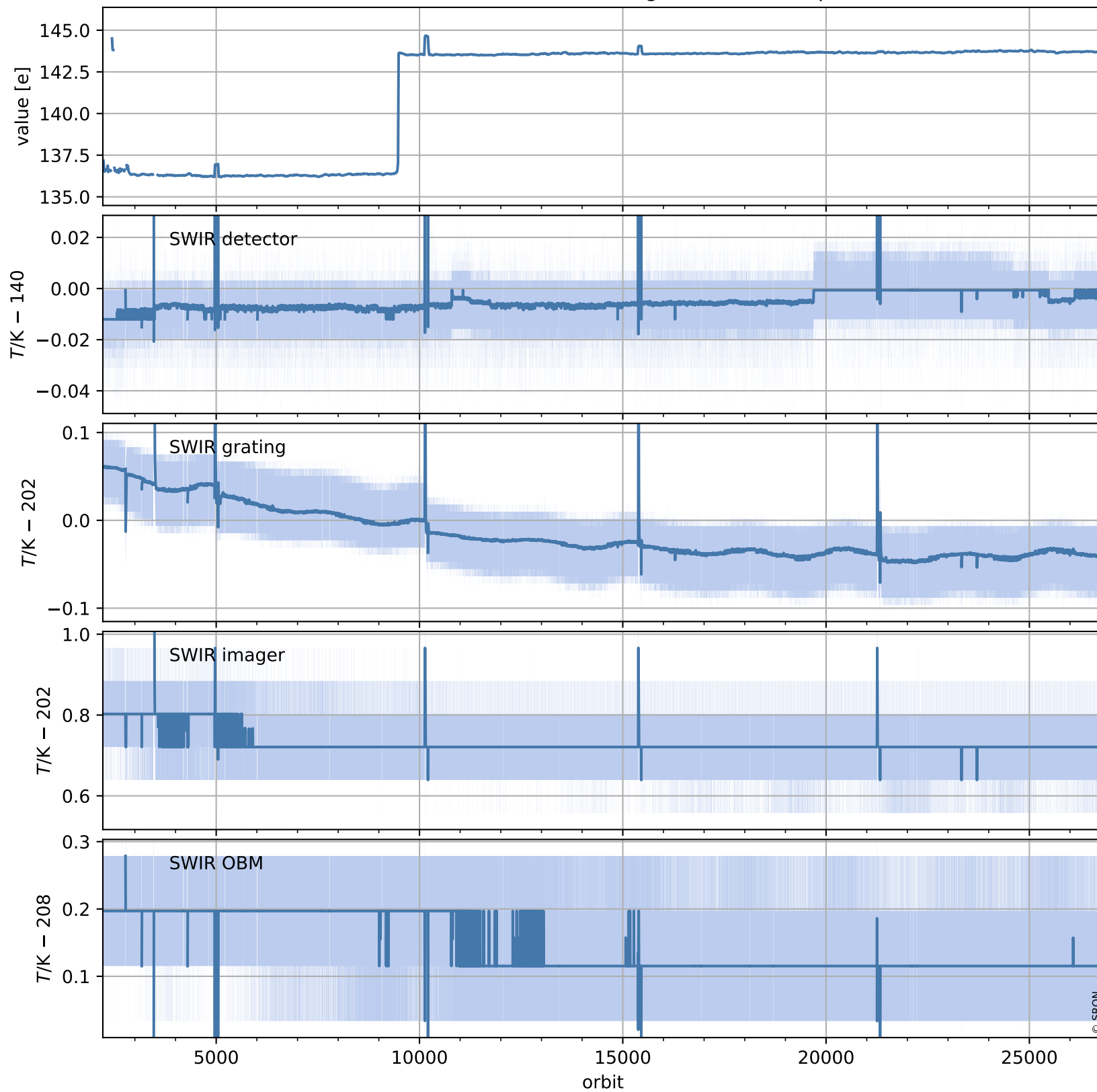
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26812]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26812]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:21

trend of normalized read-noise & temperatures

