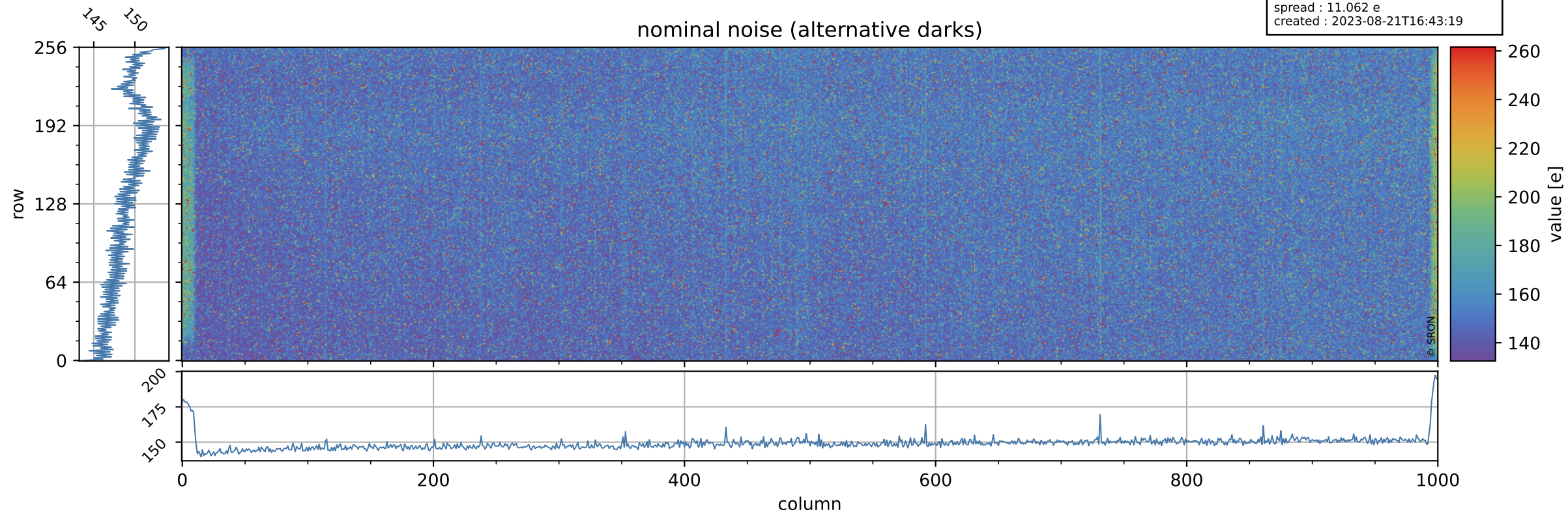


Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
n_coad, t_exp : 1, 1.0783
median : 148.88 e
spread : 11.062 e
created : 2023-08-21T16:43:19

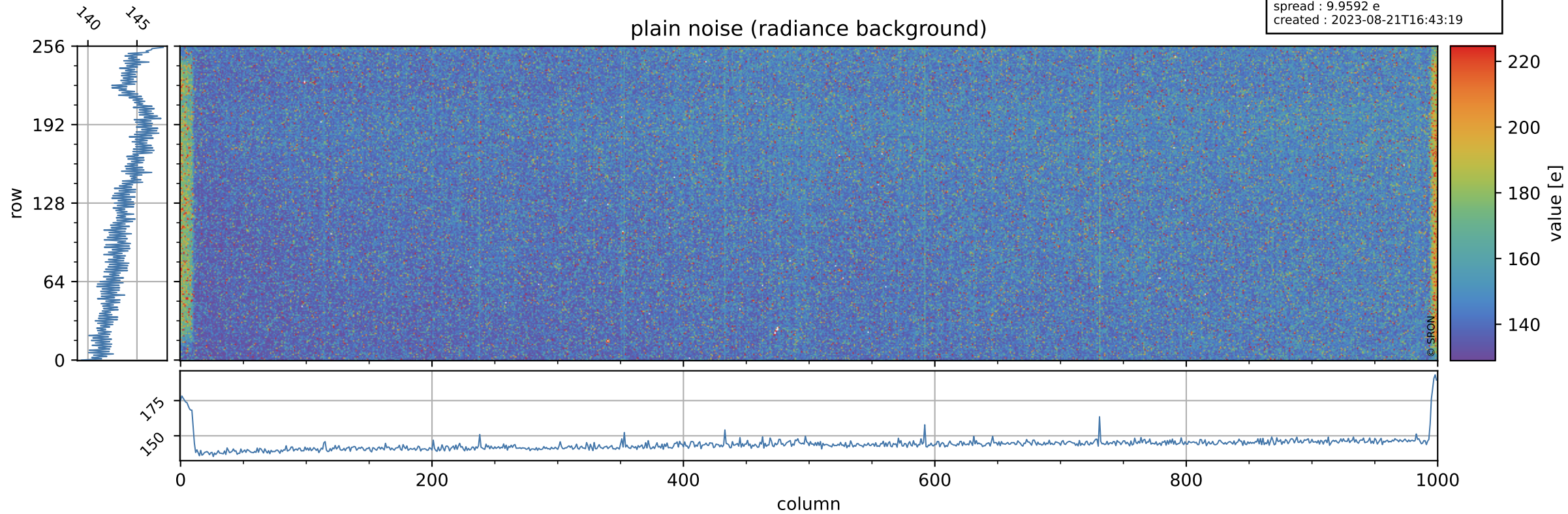
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9592 e
created : 2023-08-21T16:43:19

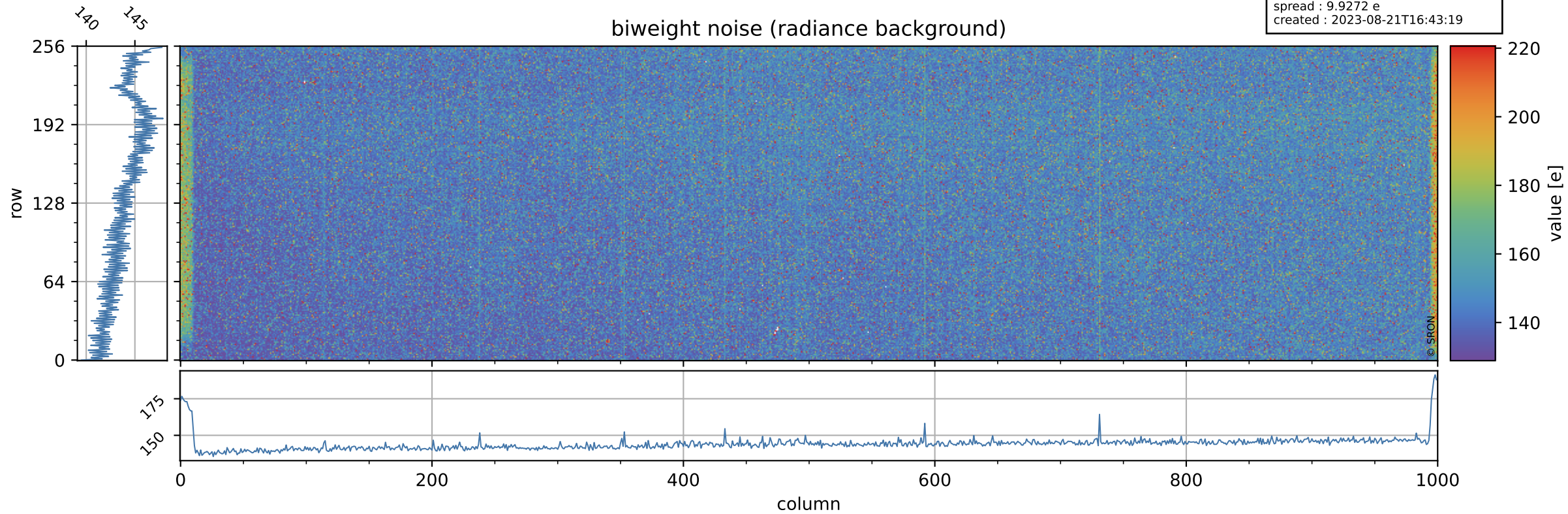
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9272 e
created : 2023-08-21T16:43:19

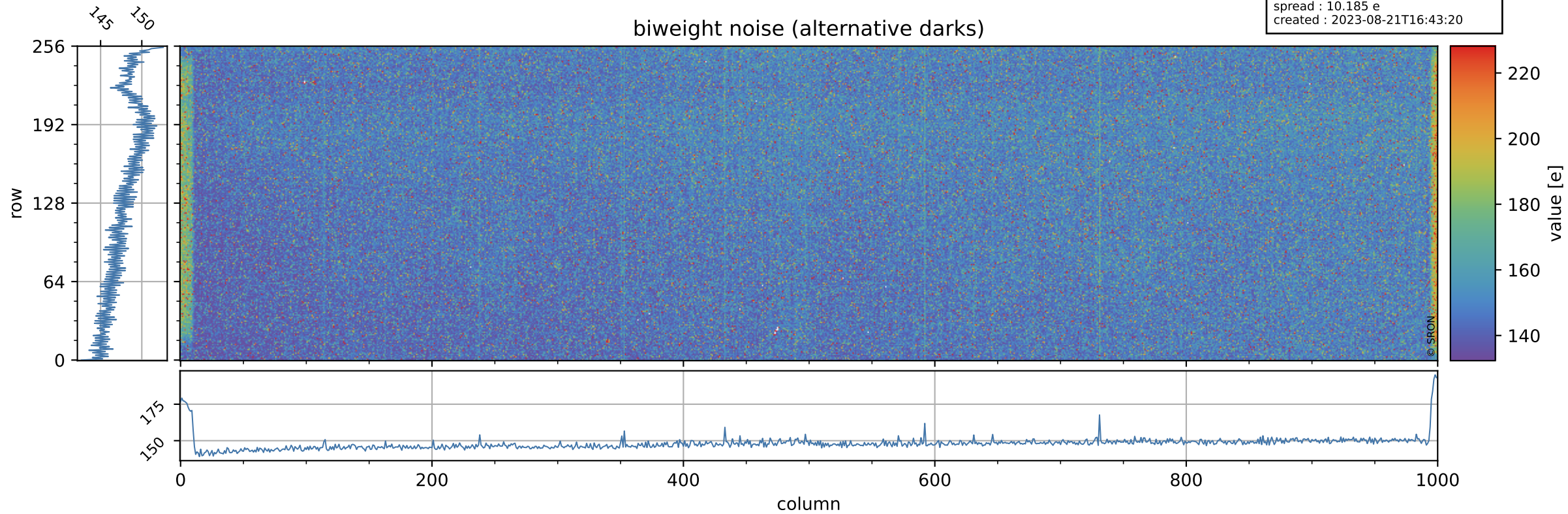
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.185 e
created : 2023-08-21T16:43:20

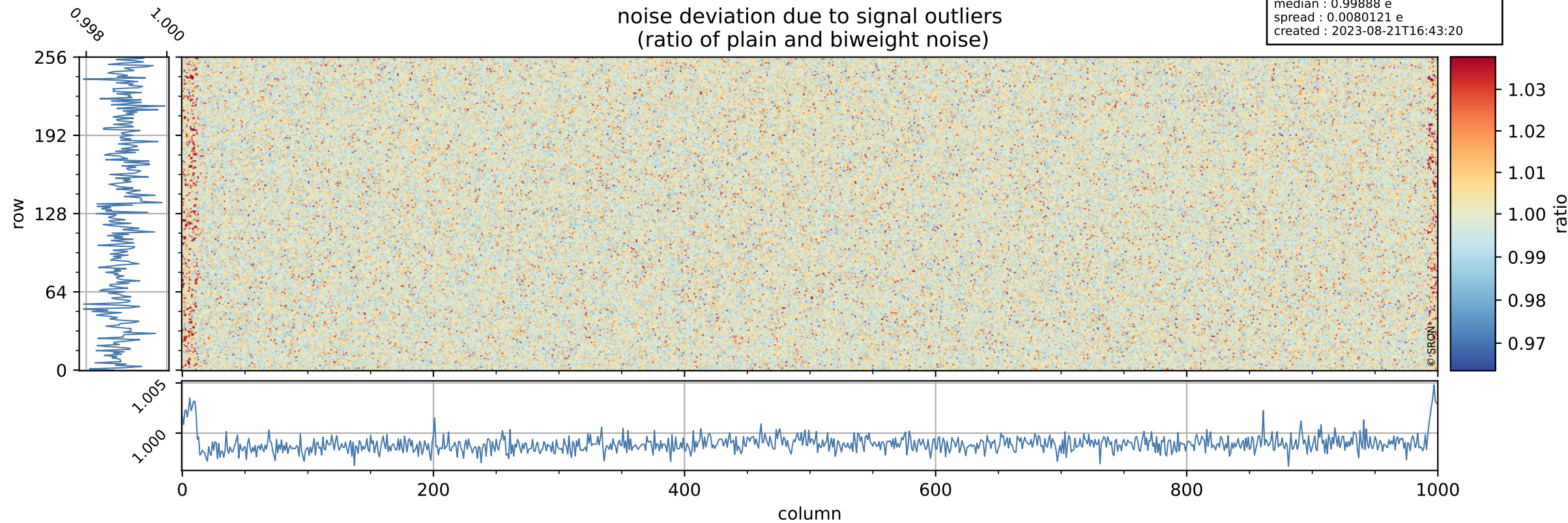
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

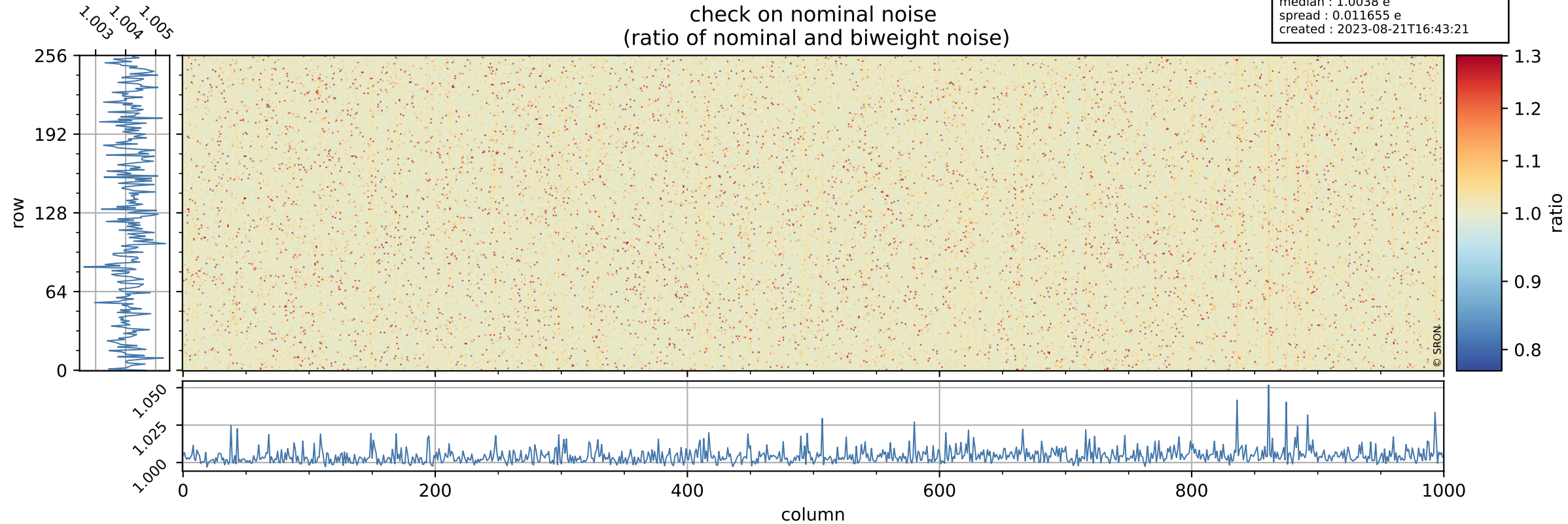
orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
median : 0.99888 e
spread : 0.0080121 e
created : 2023-08-21T16:43:20



Tropomi SWIR background noise (swir)

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

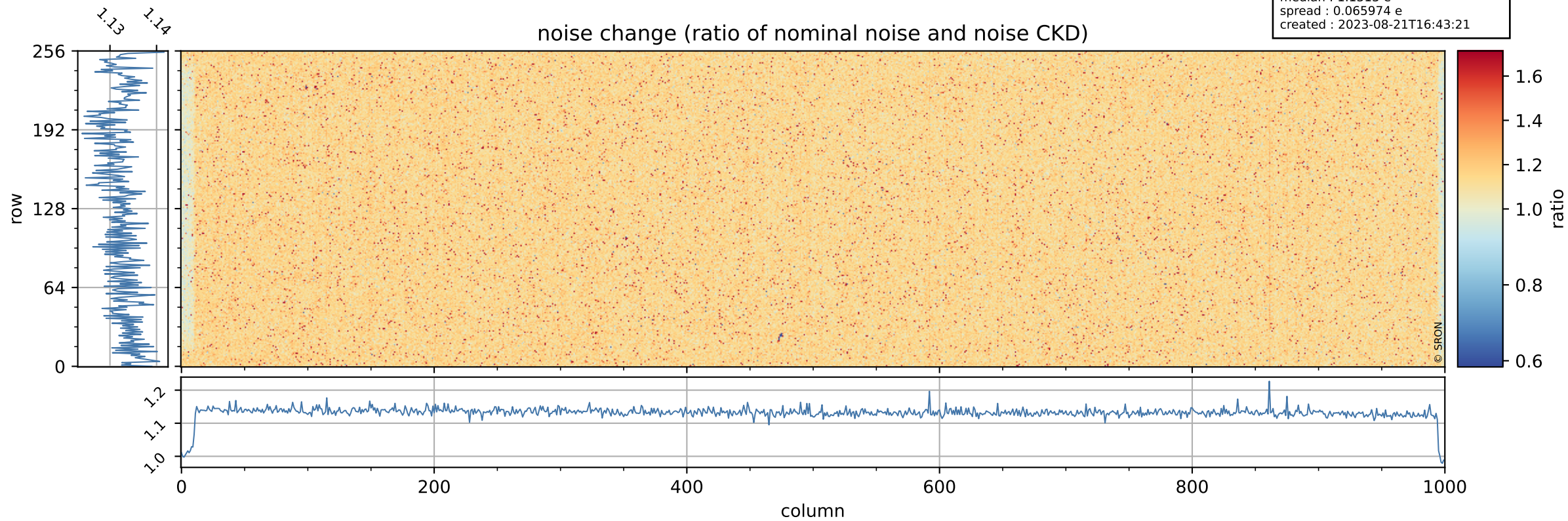
orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
median : 1.0038 e
spread : 0.011655 e
created : 2023-08-21T16:43:21



Tropomi SWIR background noise (swir)

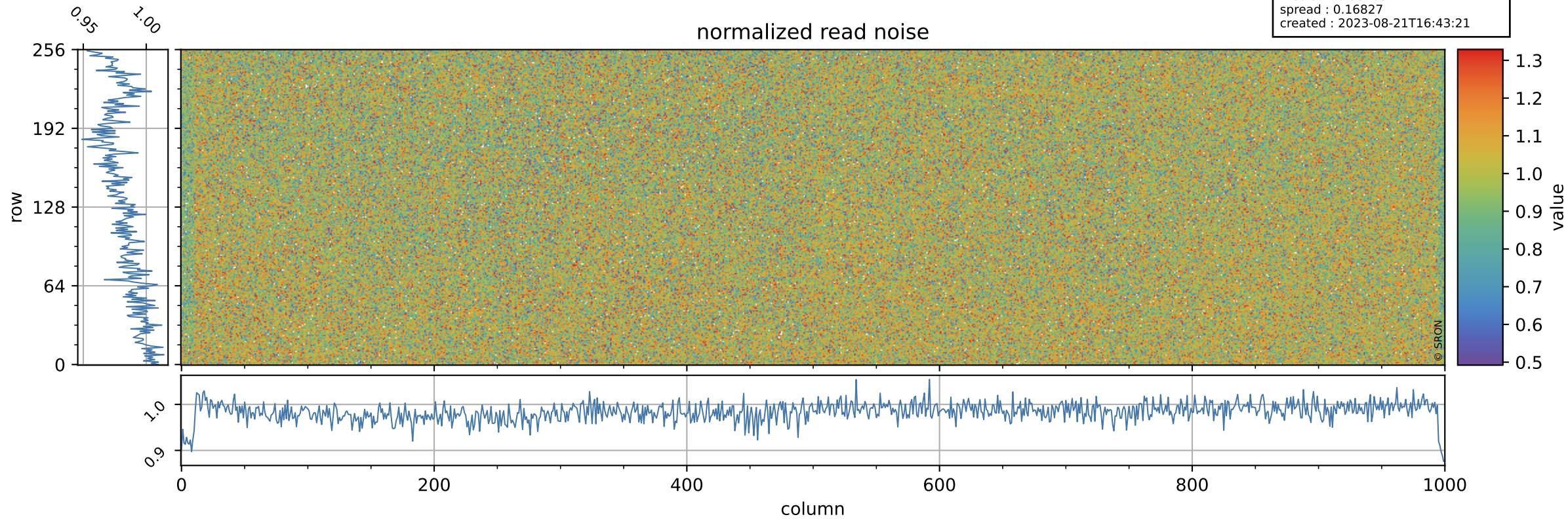
orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
median : 1.1313 e
spread : 0.065974 e
created : 2023-08-21T16:43:21

noise change (ratio of nominal noise and noise CKD)



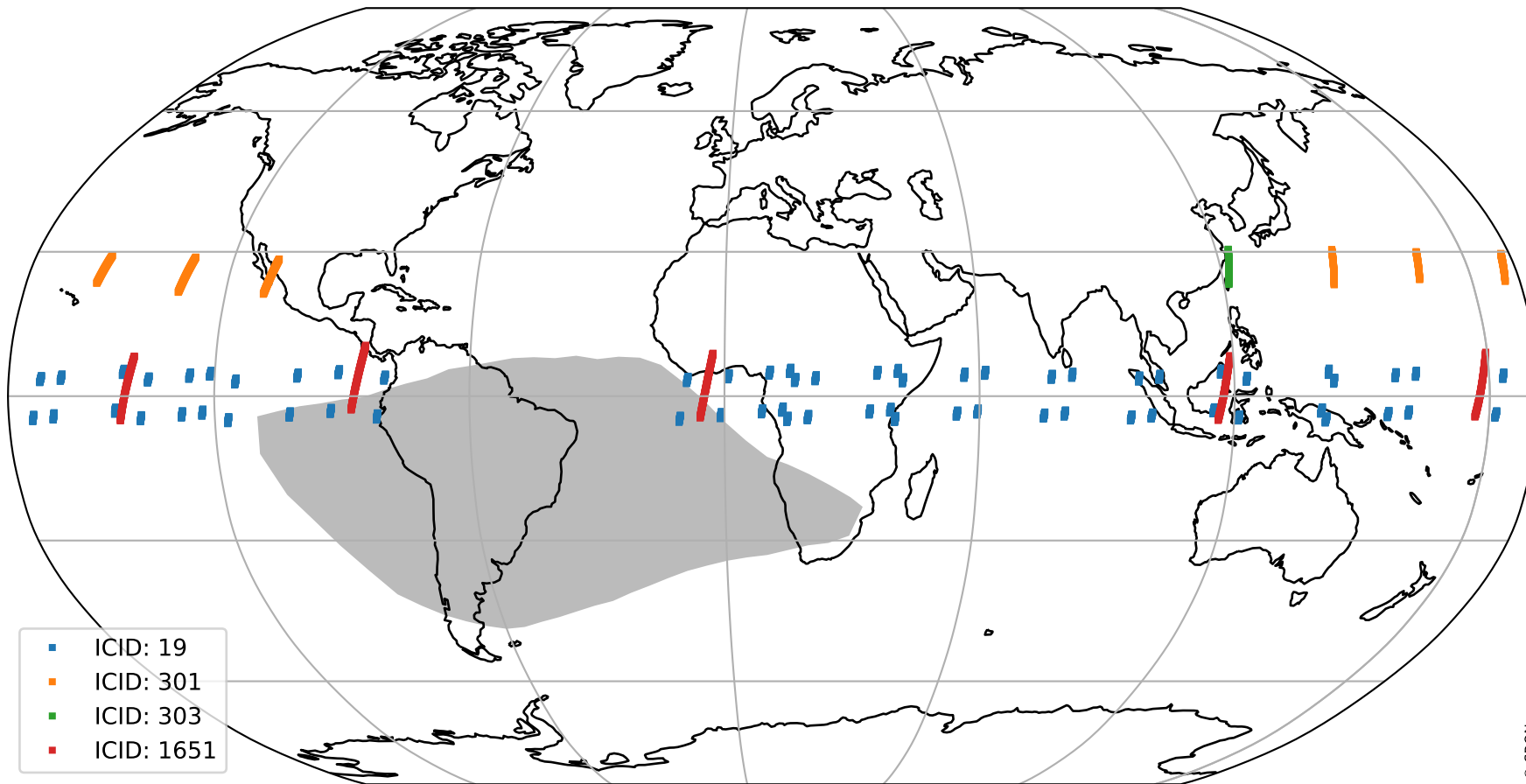
Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
median : 0.98205
spread : 0.16827
created : 2023-08-21T16:43:21



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

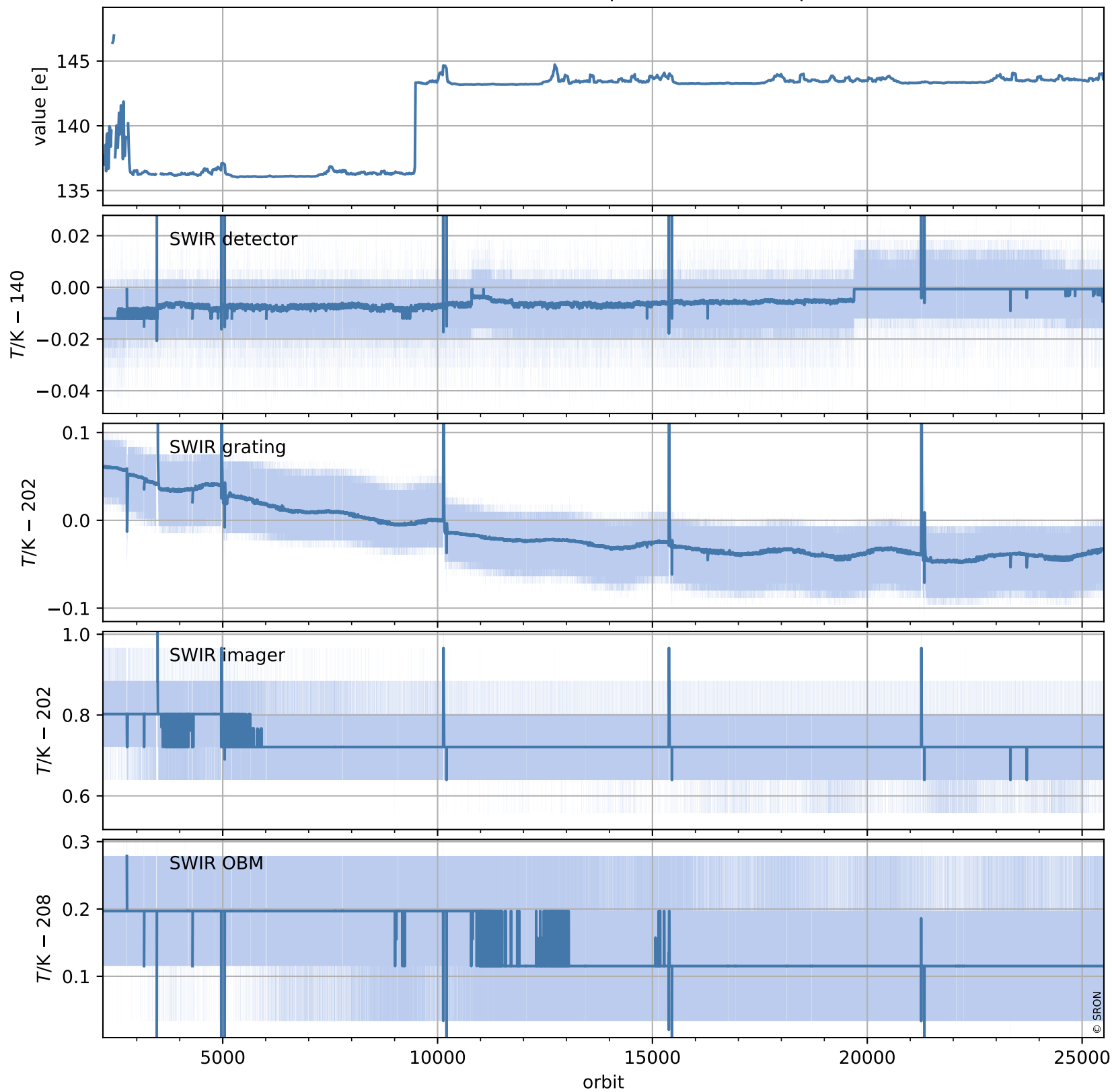
orbits : 12 in [25417, 25507]
coverage : 2022-09-09 / 2022-09-15
created : 2023-08-21T16:43:21



Tropomi SWIR background noise (swir)

orbits : [2212, 25507]
coverage : 2018-03-18 / 2022-09-15
created : 2023-08-21T16:43:22

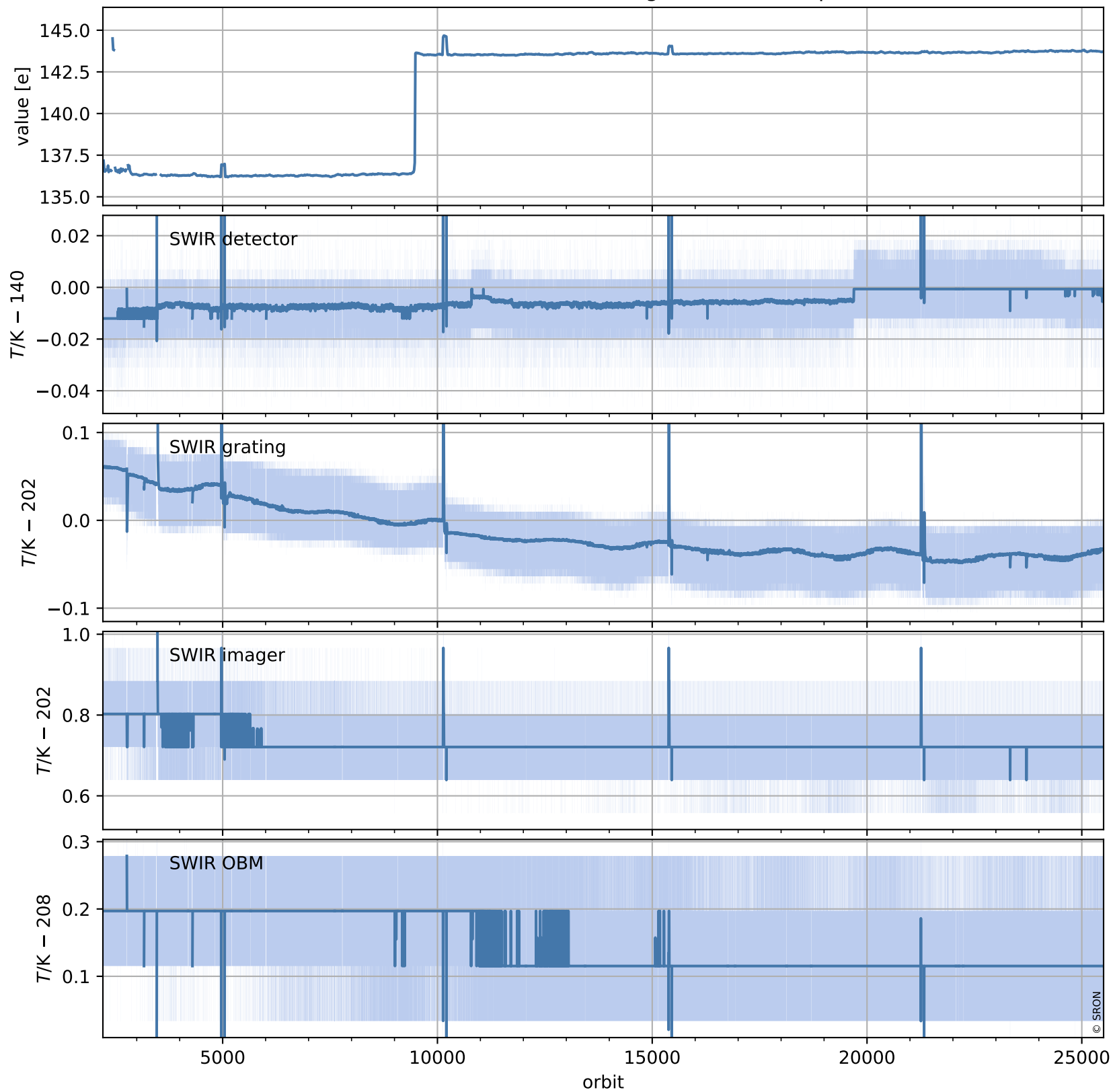
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25507]
coverage : 2018-03-18 / 2022-09-15
created : 2023-08-21T16:43:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25507]
coverage : 2018-03-18 / 2022-09-15
created : 2023-08-21T16:43:23

trend of normalized read-noise & temperatures

