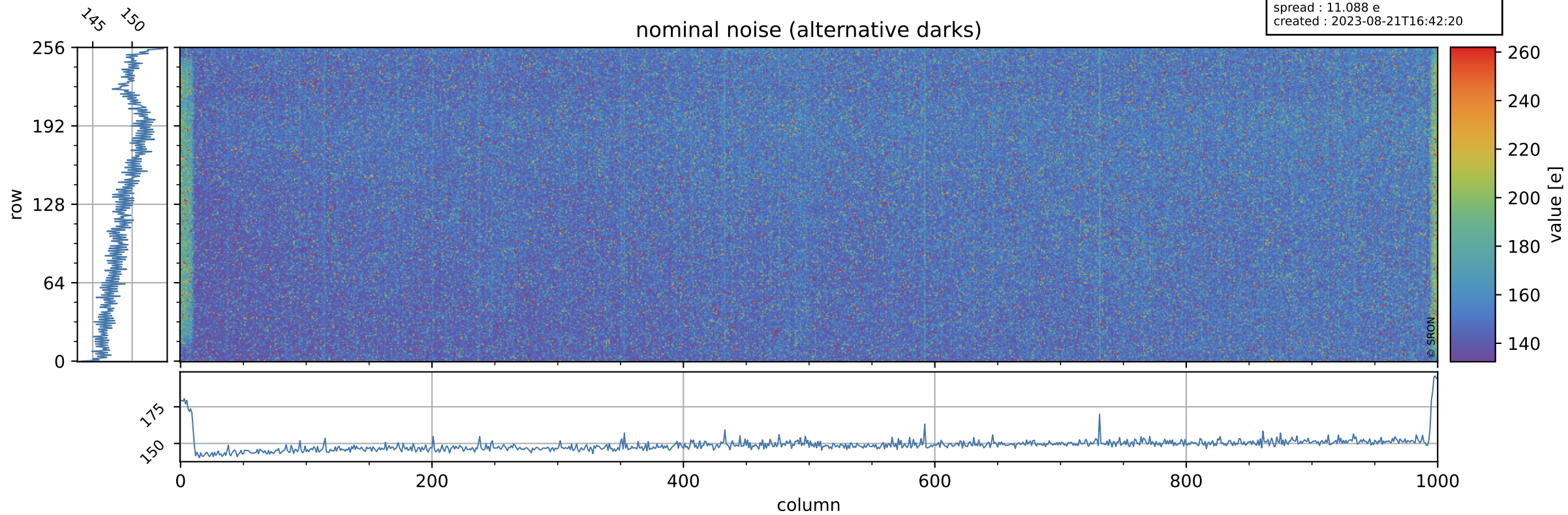


Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.088 e
created : 2023-08-21T16:42:20

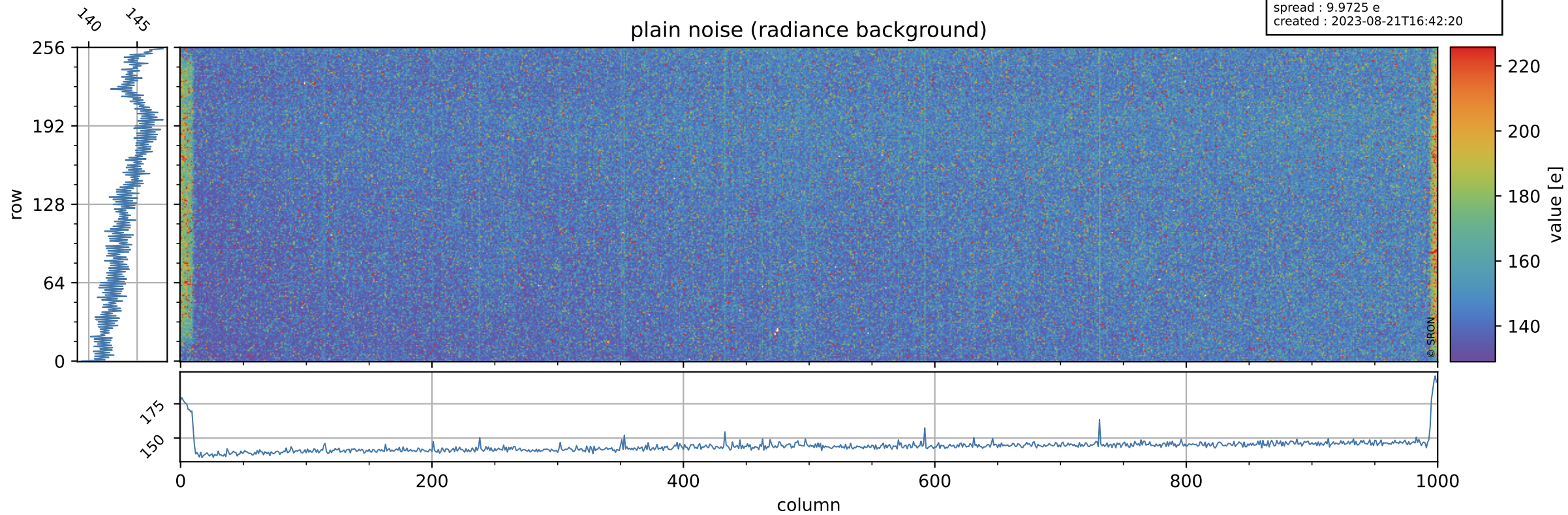
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9725 e
created : 2023-08-21T16:42:20

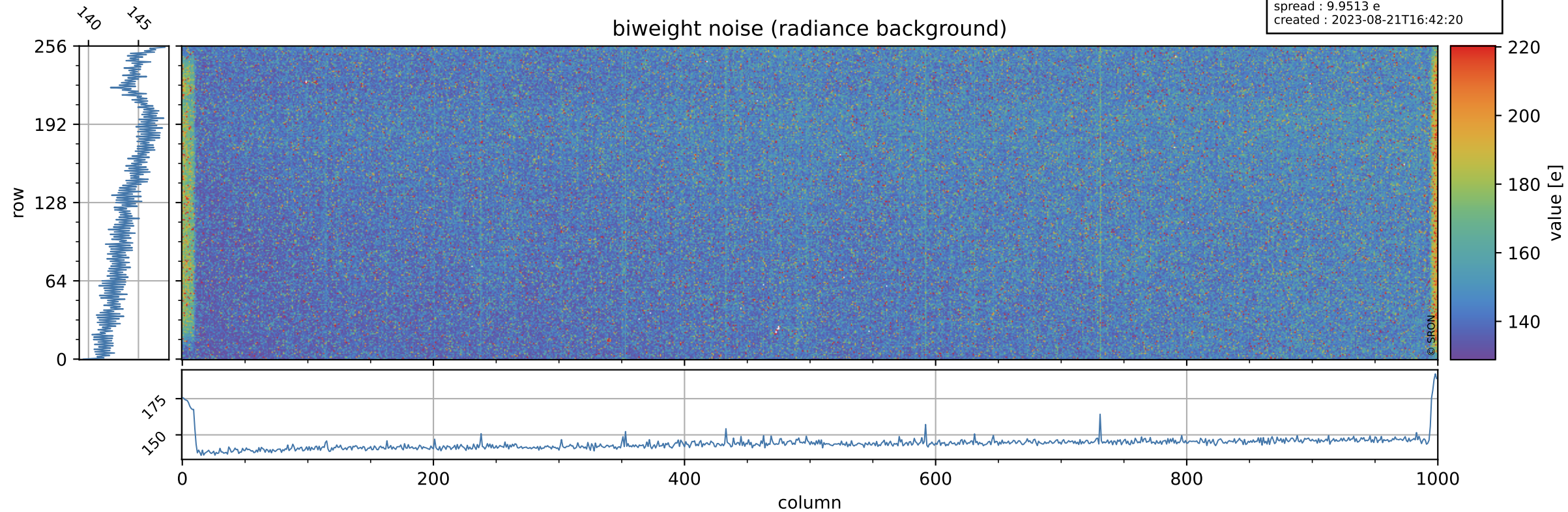
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9513 e
created : 2023-08-21T16:42:20

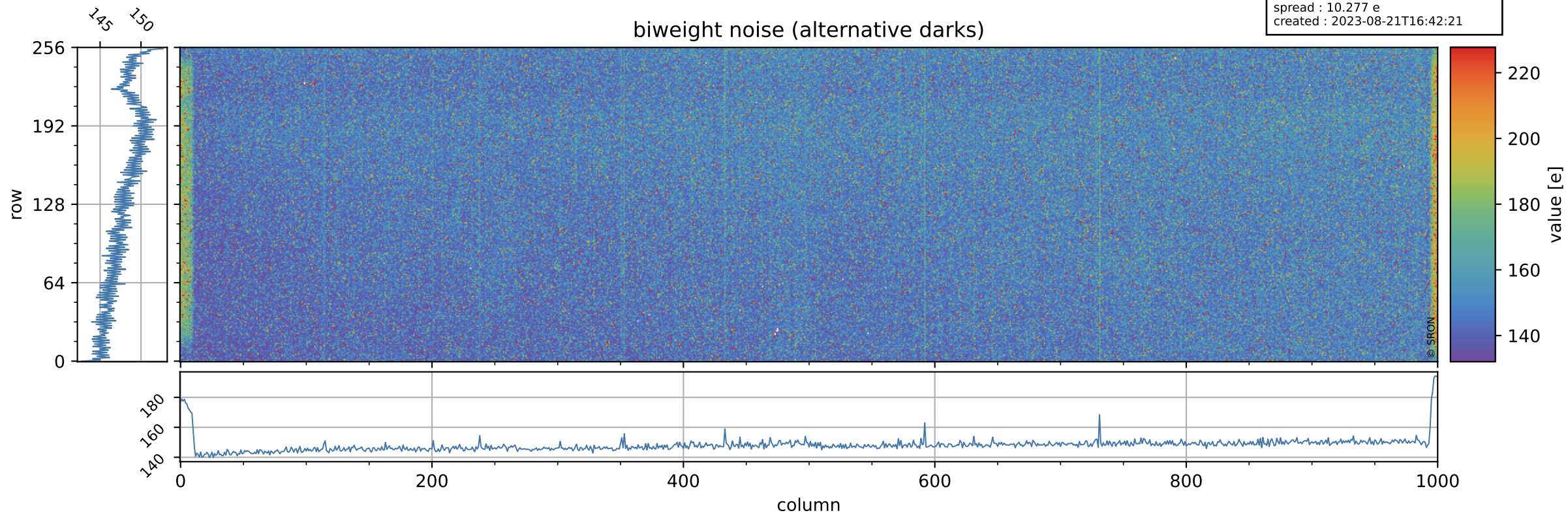
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.277 e
created : 2023-08-21T16:42:21

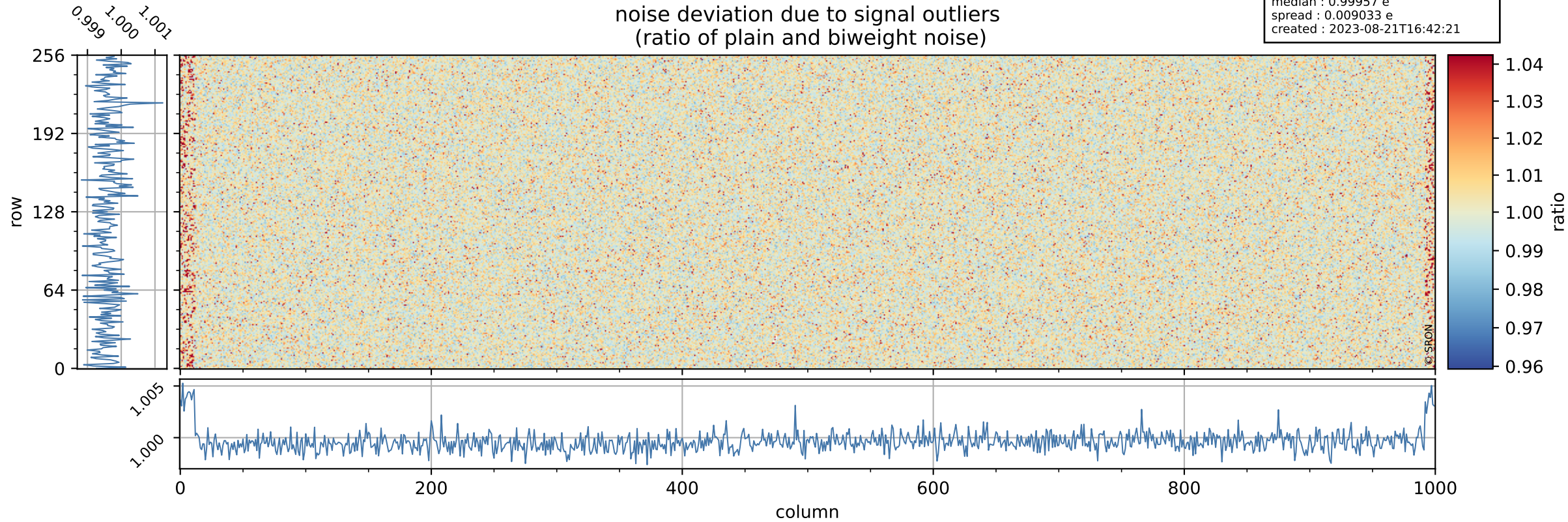
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

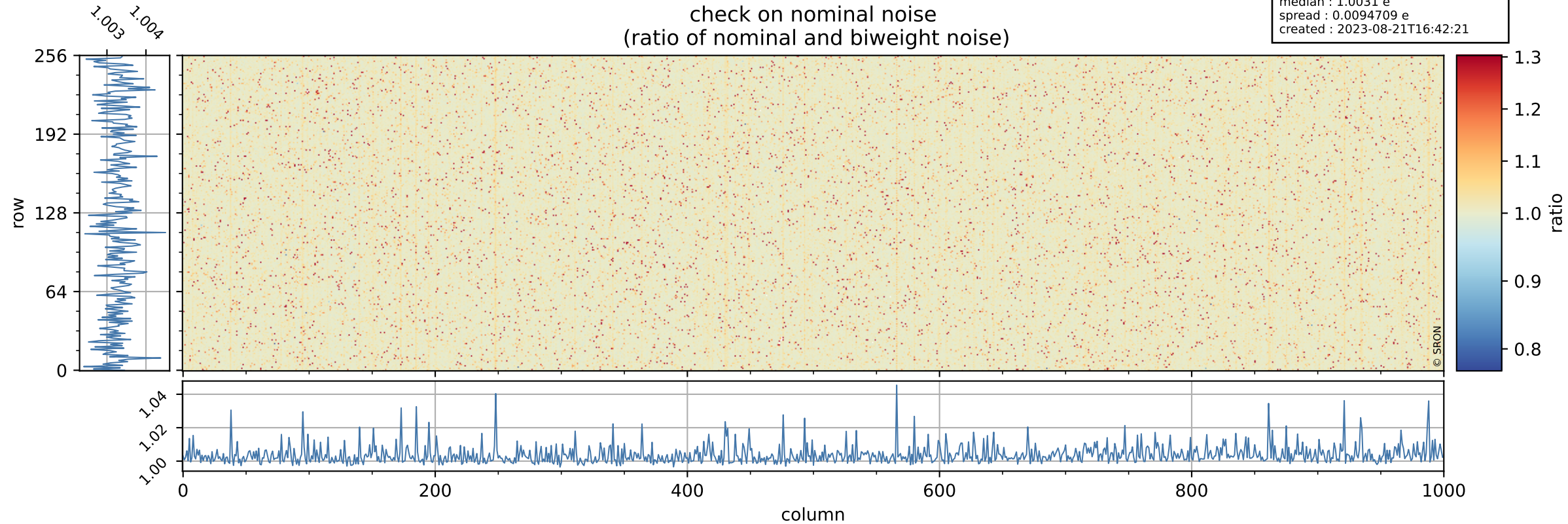
orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
median : 0.99957 e
spread : 0.009033 e
created : 2023-08-21T16:42:21



Tropomi SWIR background noise (swir)

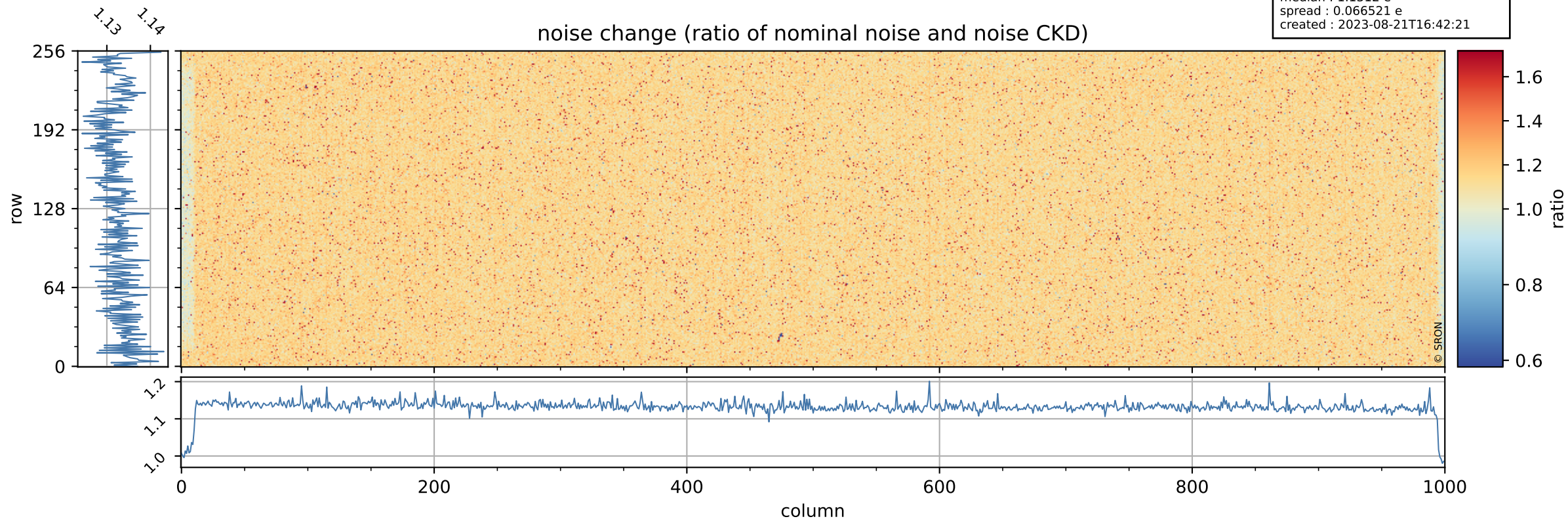
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
median : 1.0031 e
spread : 0.0094709 e
created : 2023-08-21T16:42:21



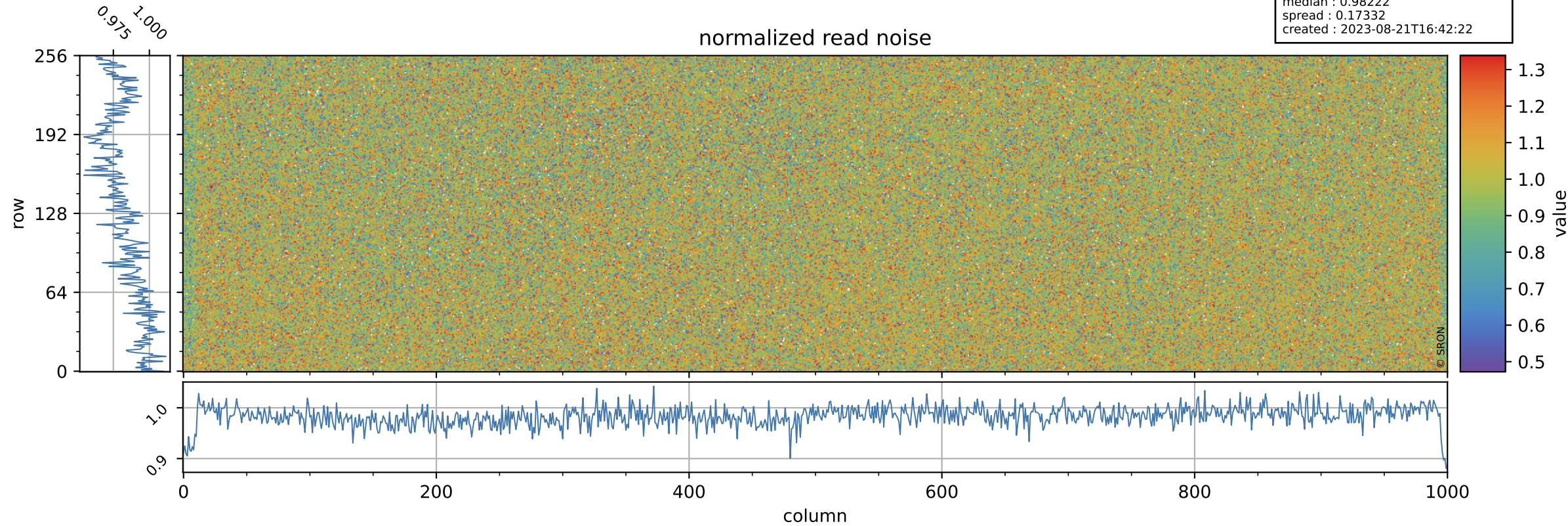
Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
median : 1.1312 e
spread : 0.066521 e
created : 2023-08-21T16:42:21



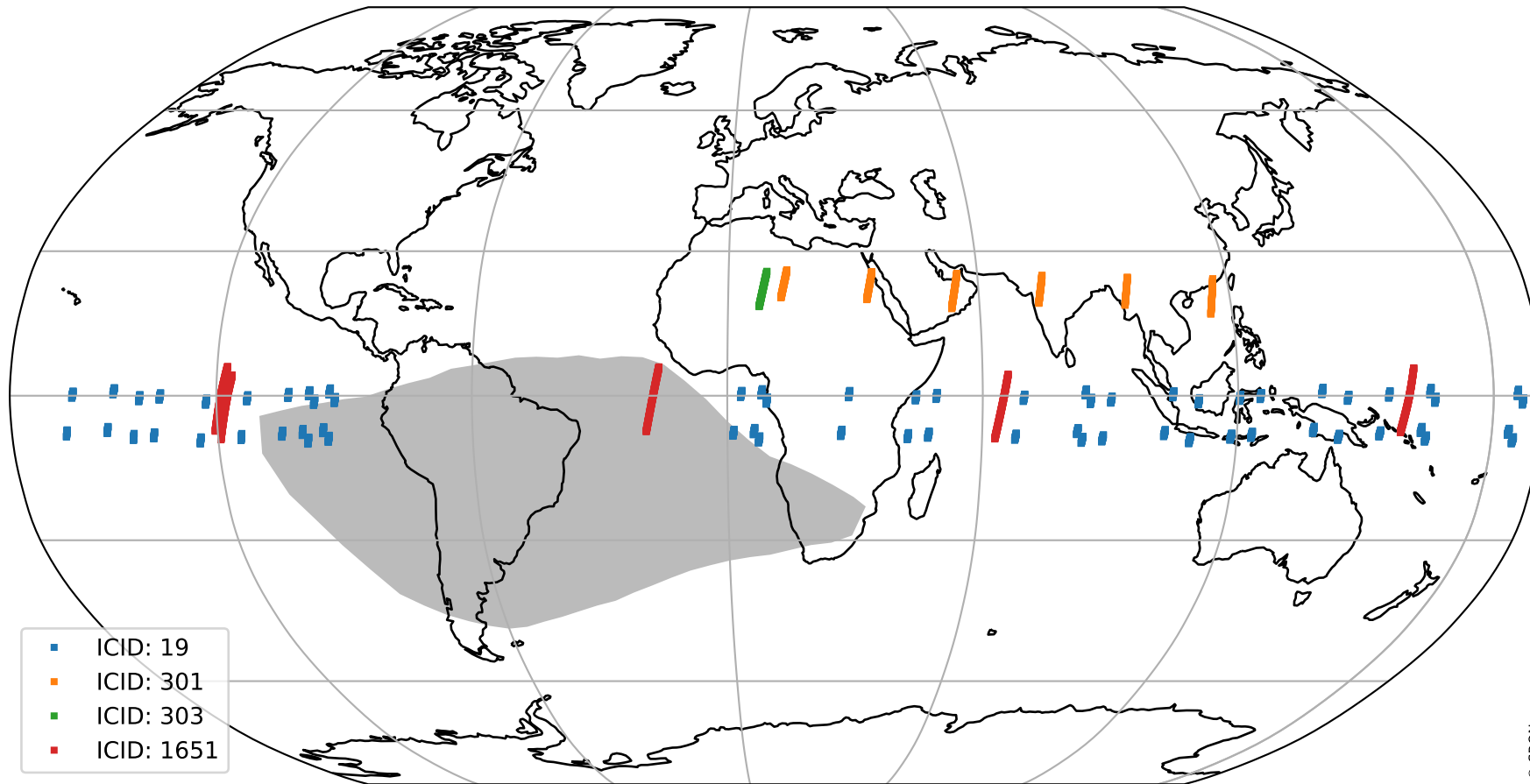
Tropomi SWIR background noise (swir)

orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
median : 0.98222
spread : 0.17332
created : 2023-08-21T16:42:22



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

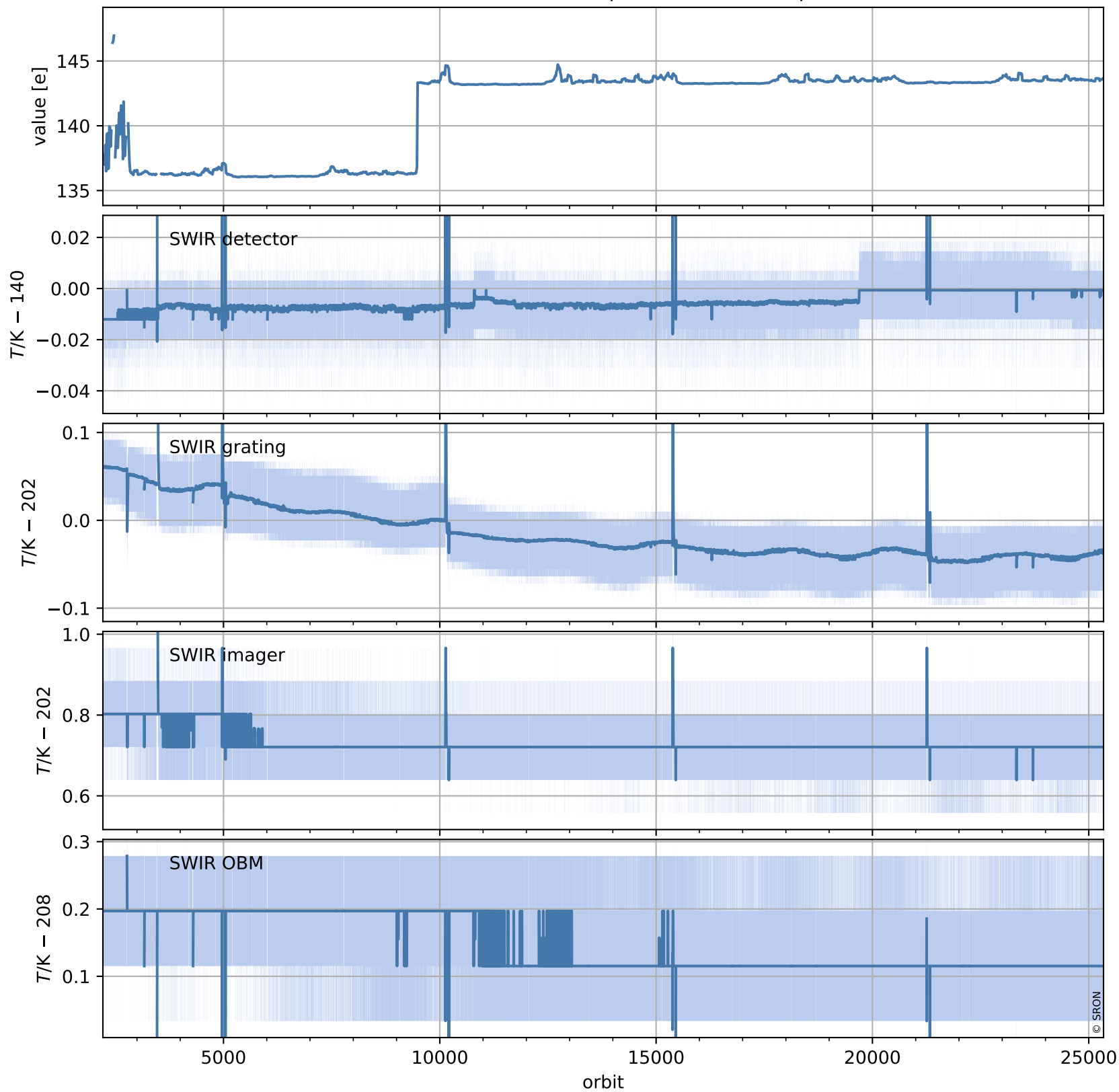
orbits : 12 in [25252, 25342]
coverage : 2022-08-28 / 2022-09-03
created : 2023-08-21T16:42:22



Tropomi SWIR background noise (swir)

orbits : [2212, 25342]
coverage : 2018-03-18 / 2022-09-03
created : 2023-08-21T16:42:22

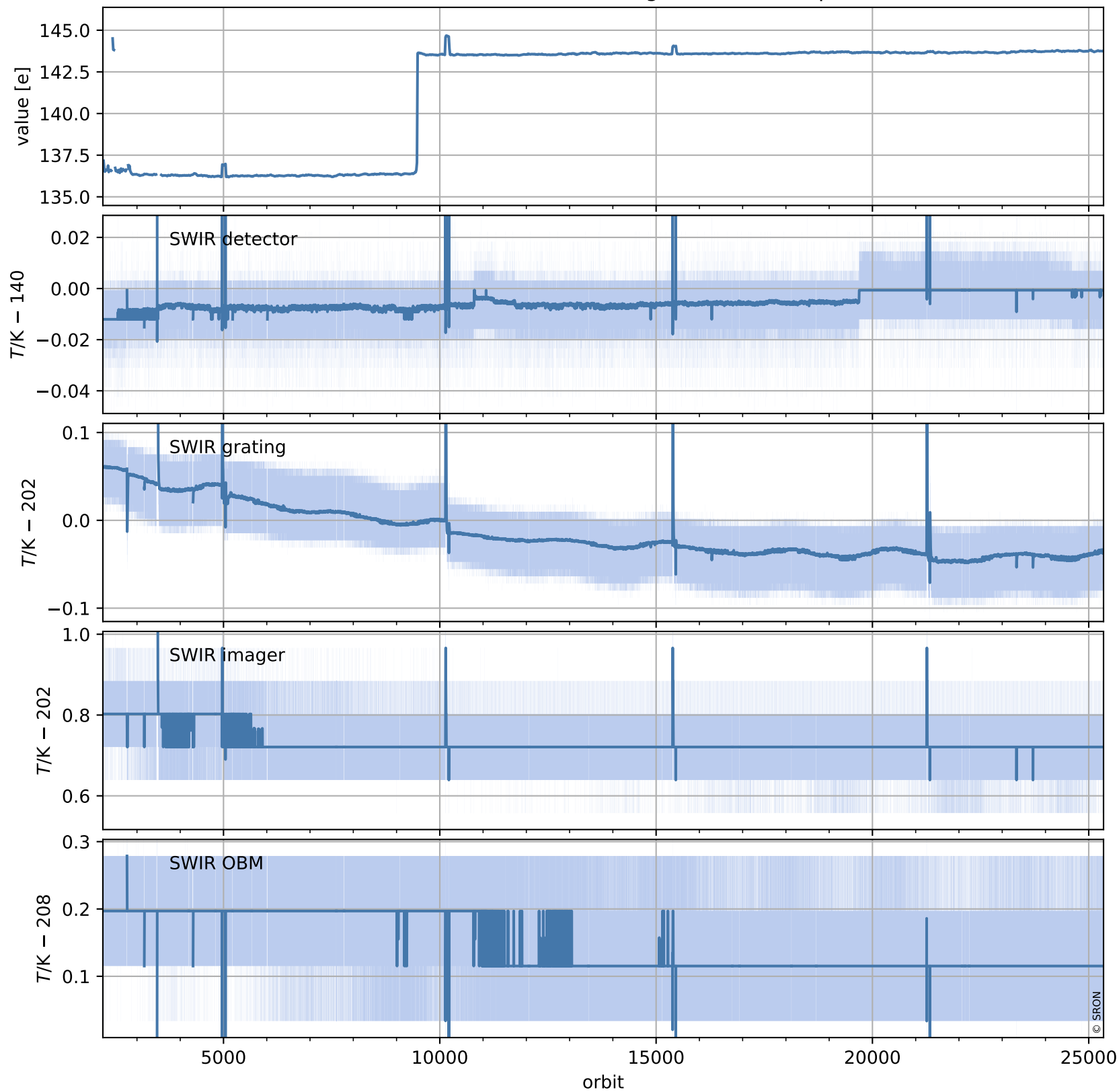
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25342]
coverage : 2018-03-18 / 2022-09-03
created : 2023-08-21T16:42:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25342]
coverage : 2018-03-18 / 2022-09-03
created : 2023-08-21T16:42:24

trend of normalized read-noise & temperatures

