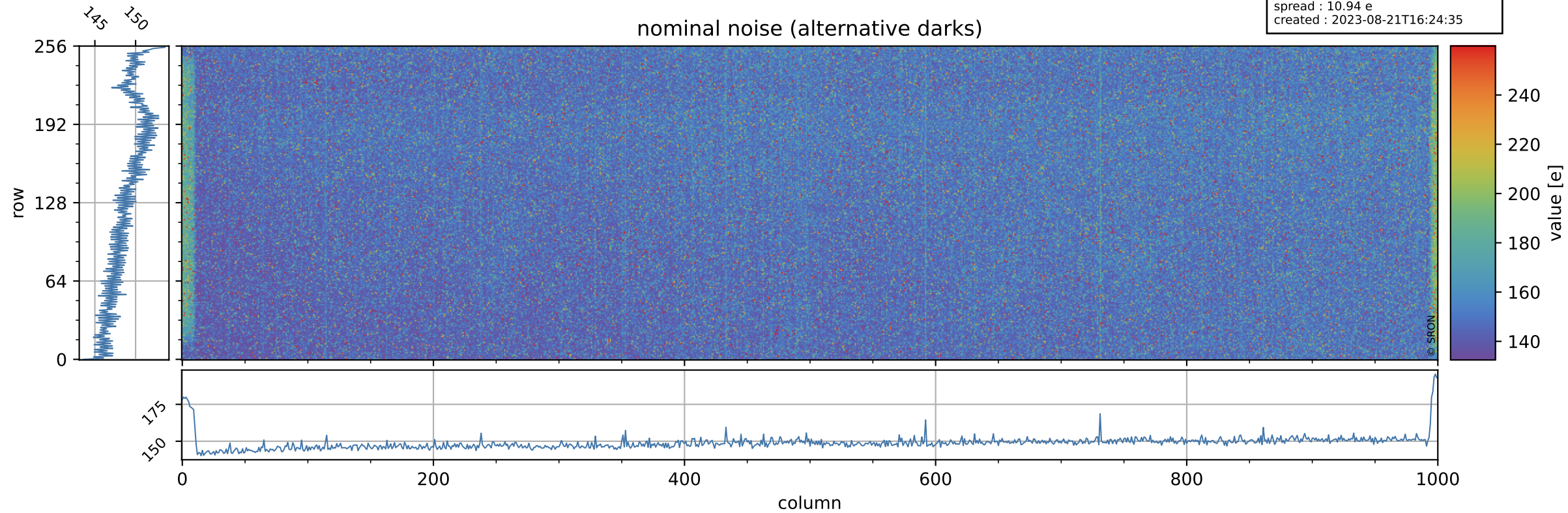


Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.94 e
created : 2023-08-21T16:24:35

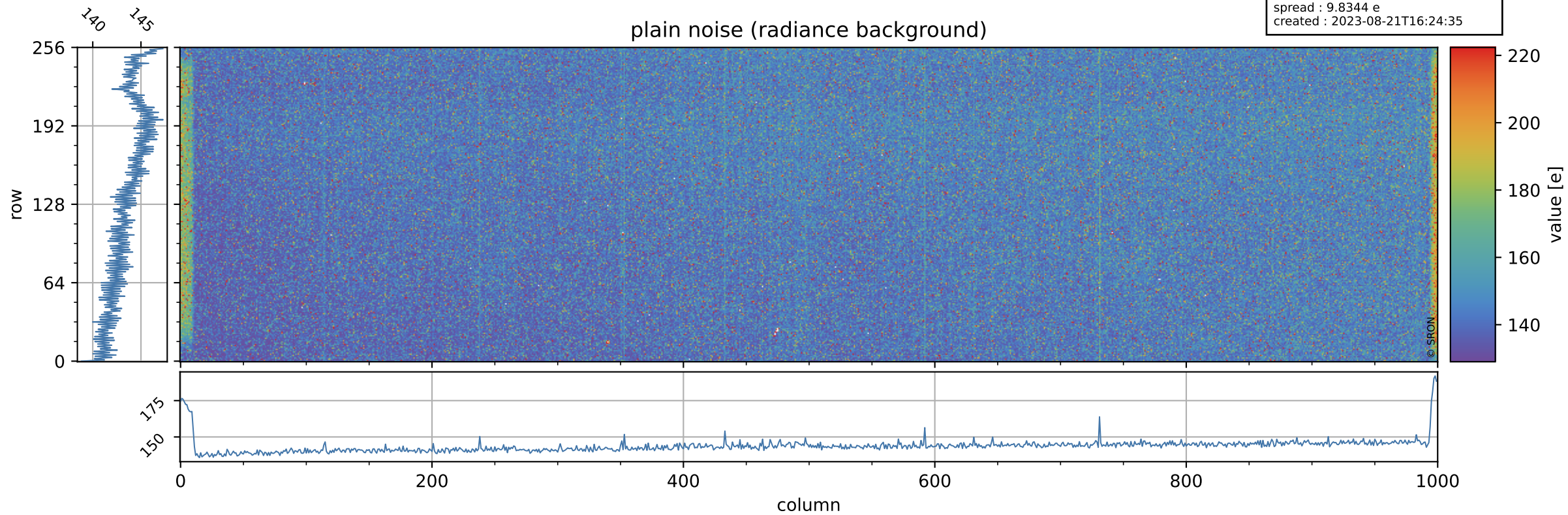
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8344 e
created : 2023-08-21T16:24:35

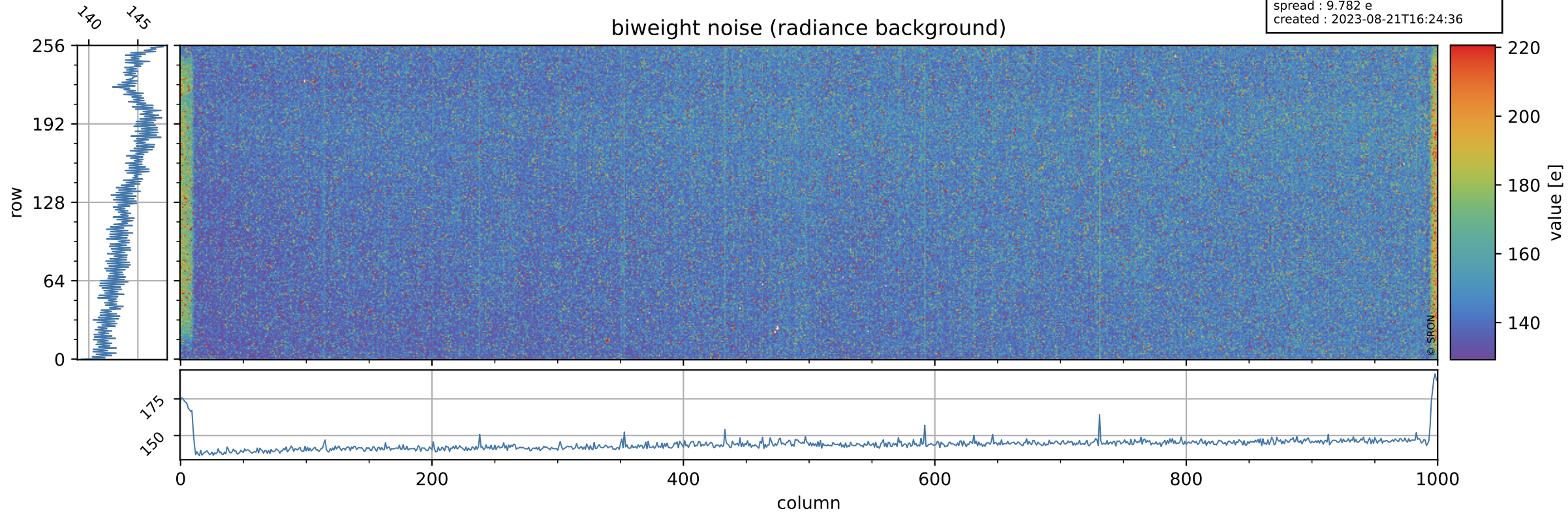
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.782 e
created : 2023-08-21T16:24:36

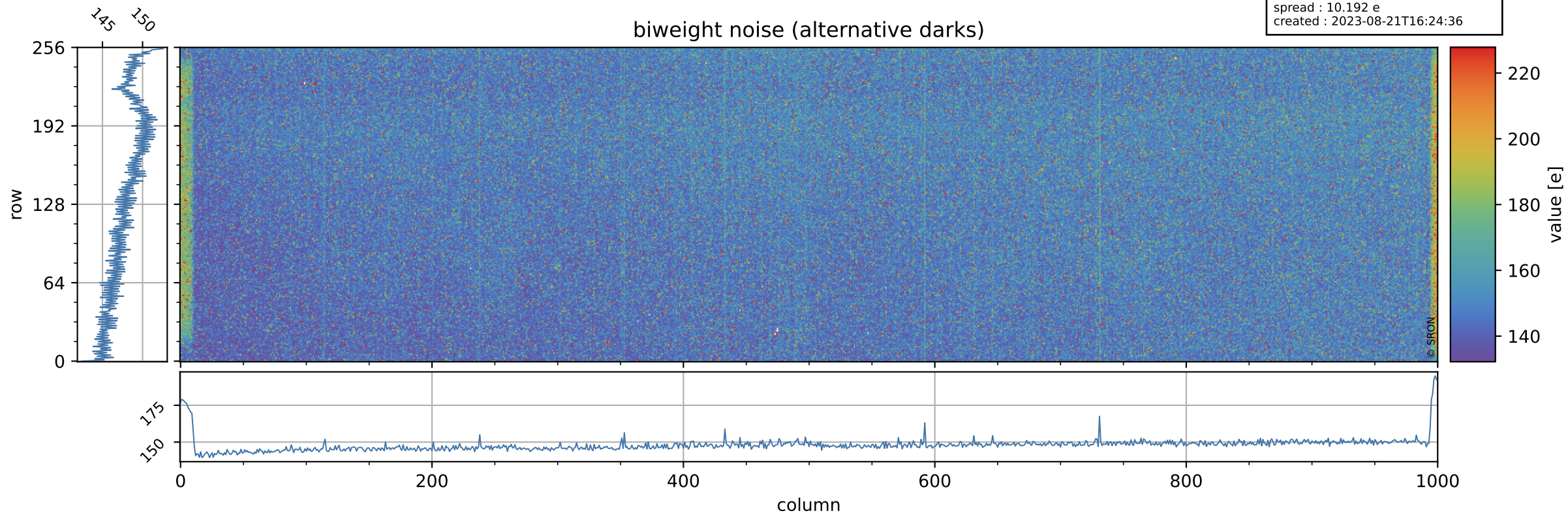
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.192 e
created : 2023-08-21T16:24:36

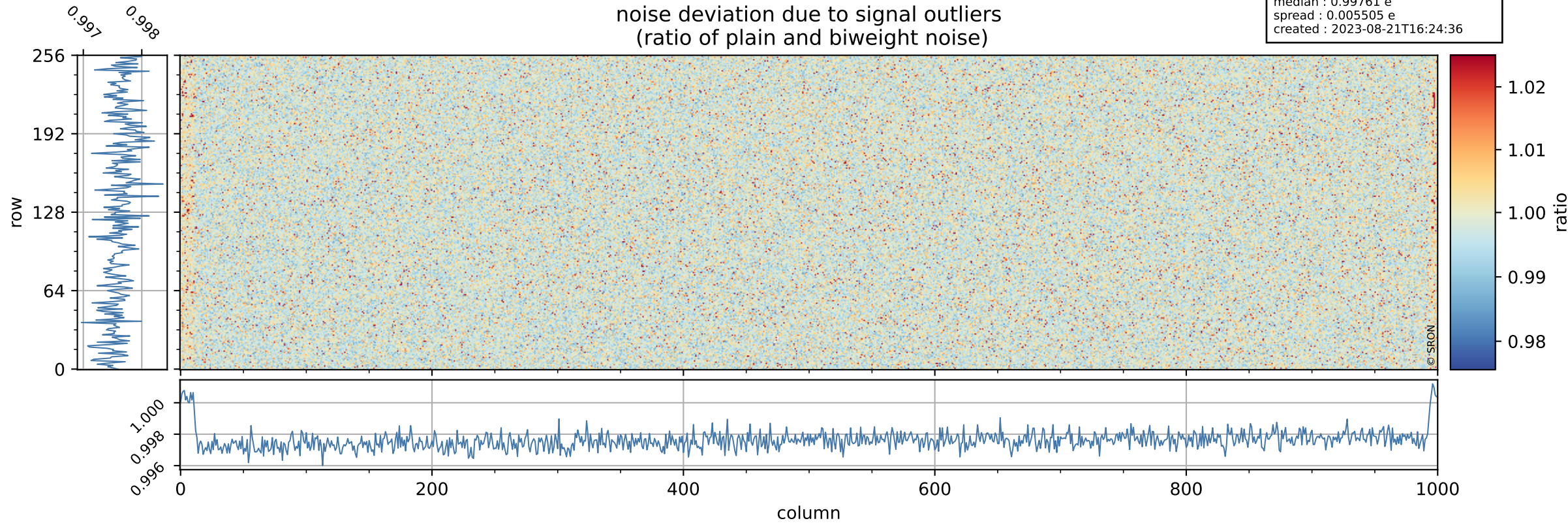
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

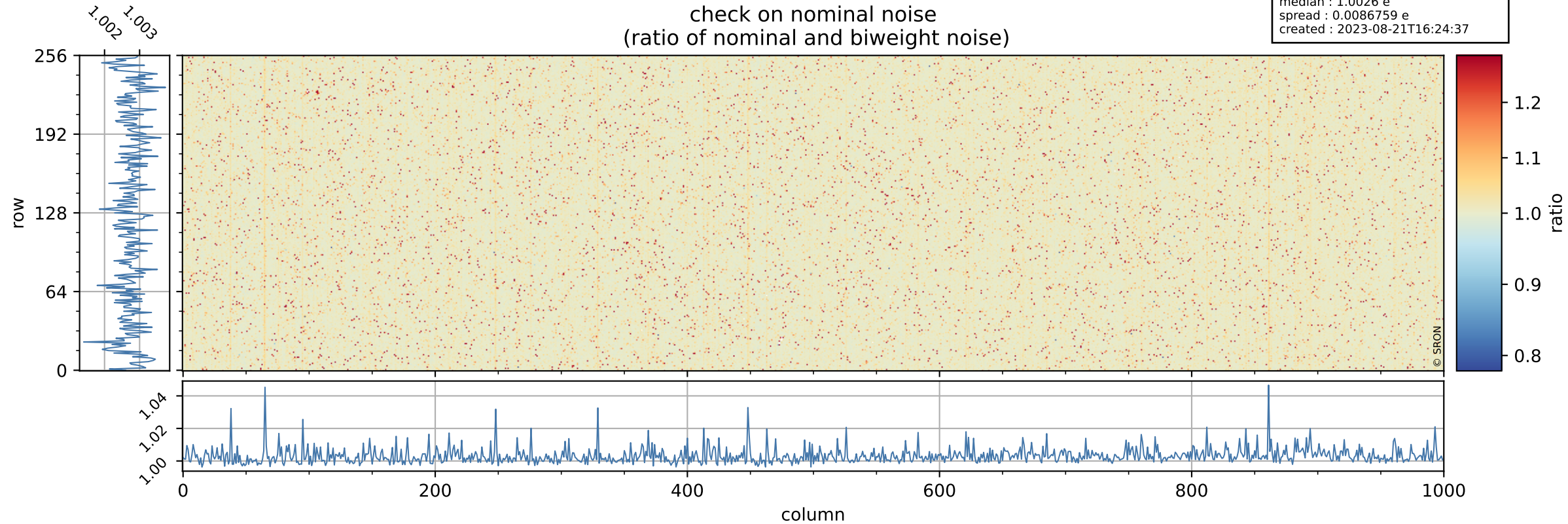
orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
median : 0.99761 e
spread : 0.005505 e
created : 2023-08-21T16:24:36



Tropomi SWIR background noise (swir)

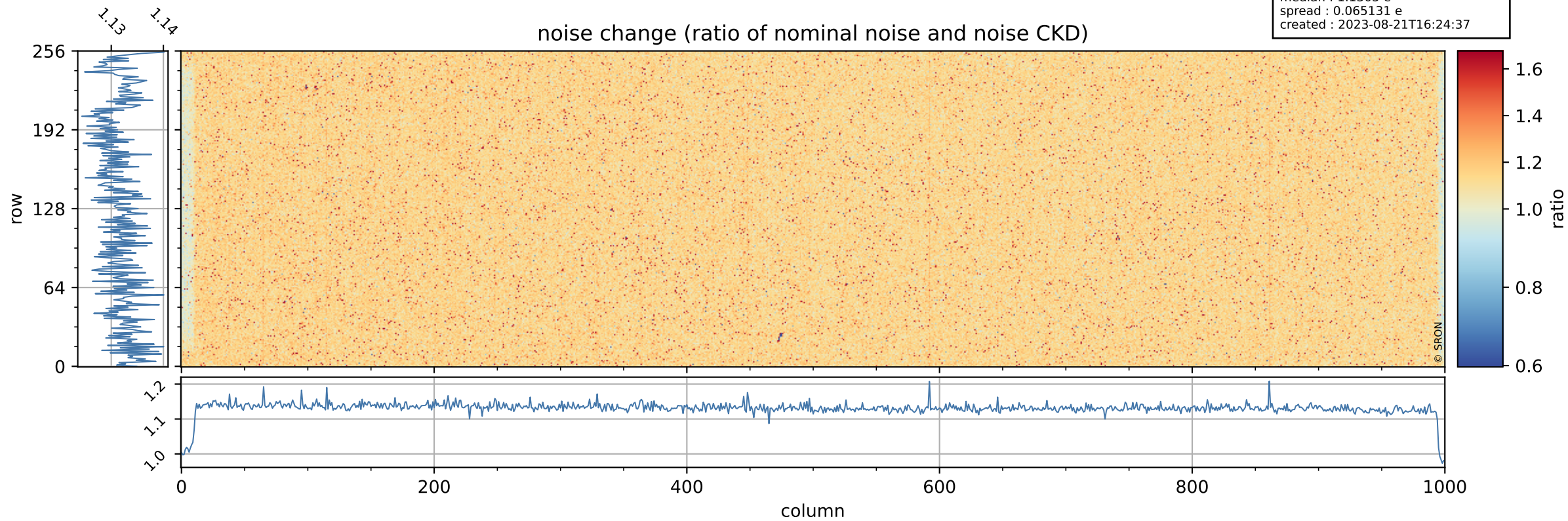
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
median : 1.0026 e
spread : 0.0086759 e
created : 2023-08-21T16:24:37



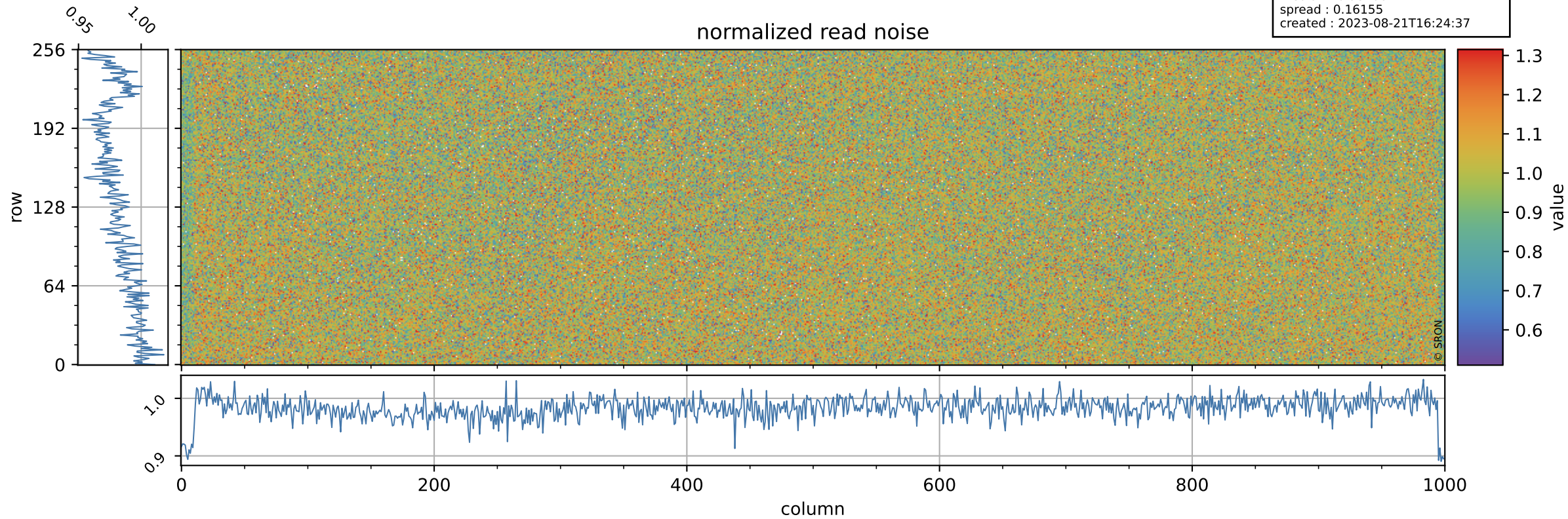
Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
median : 1.1305 e
spread : 0.065131 e
created : 2023-08-21T16:24:37



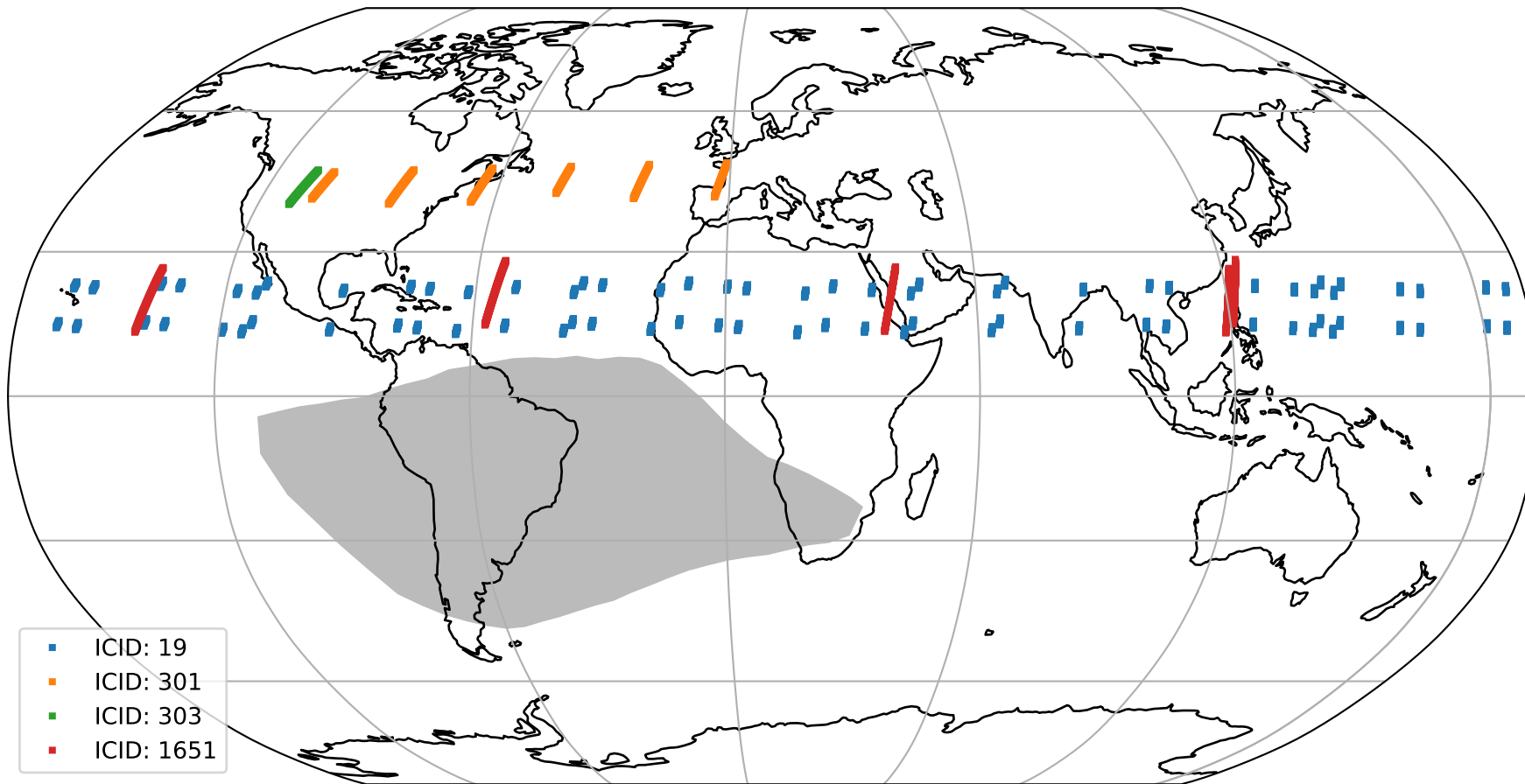
Tropomi SWIR background noise (swir)

orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
median : 0.98206
spread : 0.16155
created : 2023-08-21T16:24:37



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

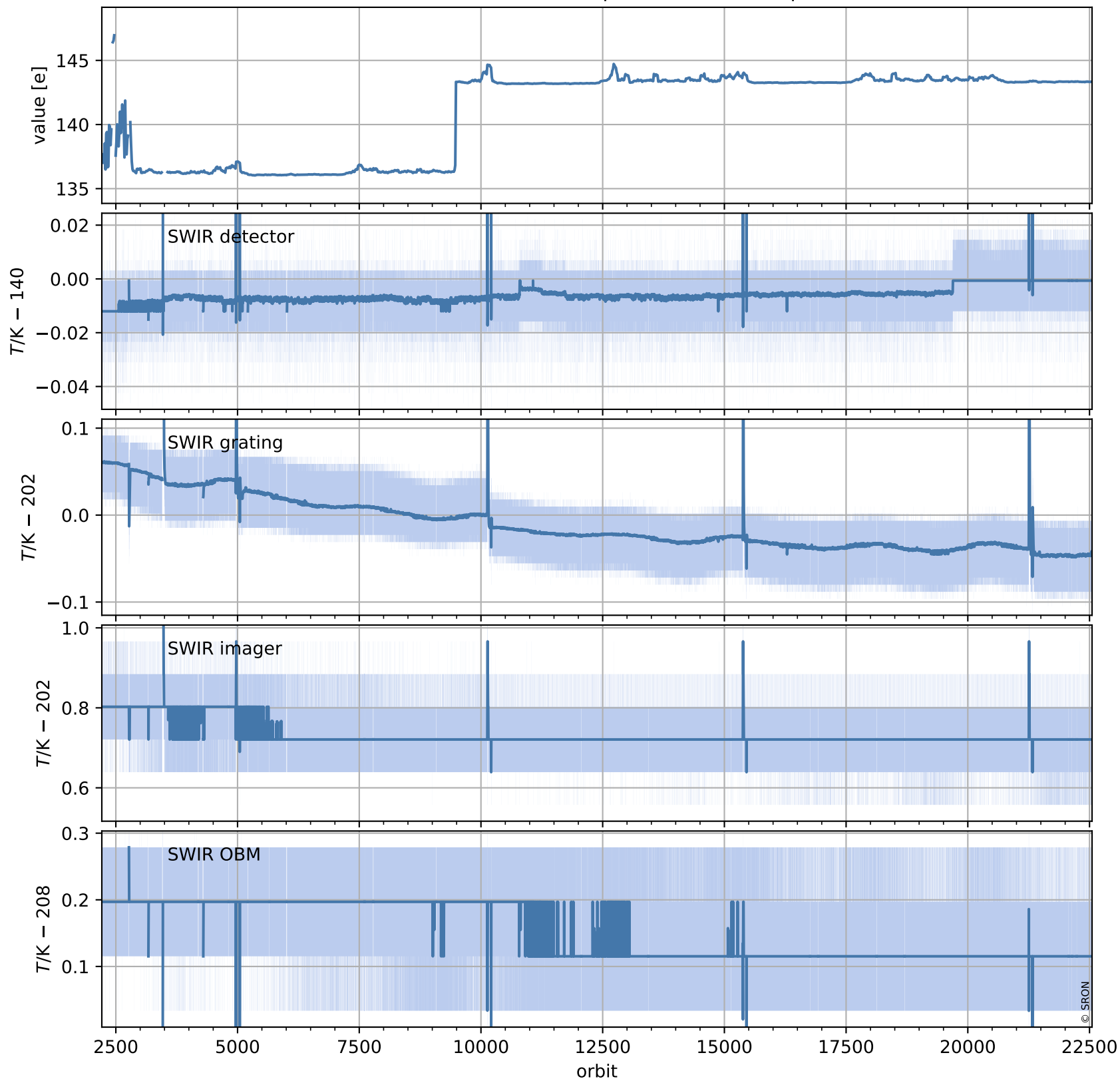
orbits : 12 in [22462, 22552]
coverage : 2022-02-13 / 2022-02-18
created : 2023-08-21T16:24:37



Tropomi SWIR background noise (swir)

orbits : [2212, 22552]
coverage : 2018-03-18 / 2022-02-18
created : 2023-08-21T16:24:38

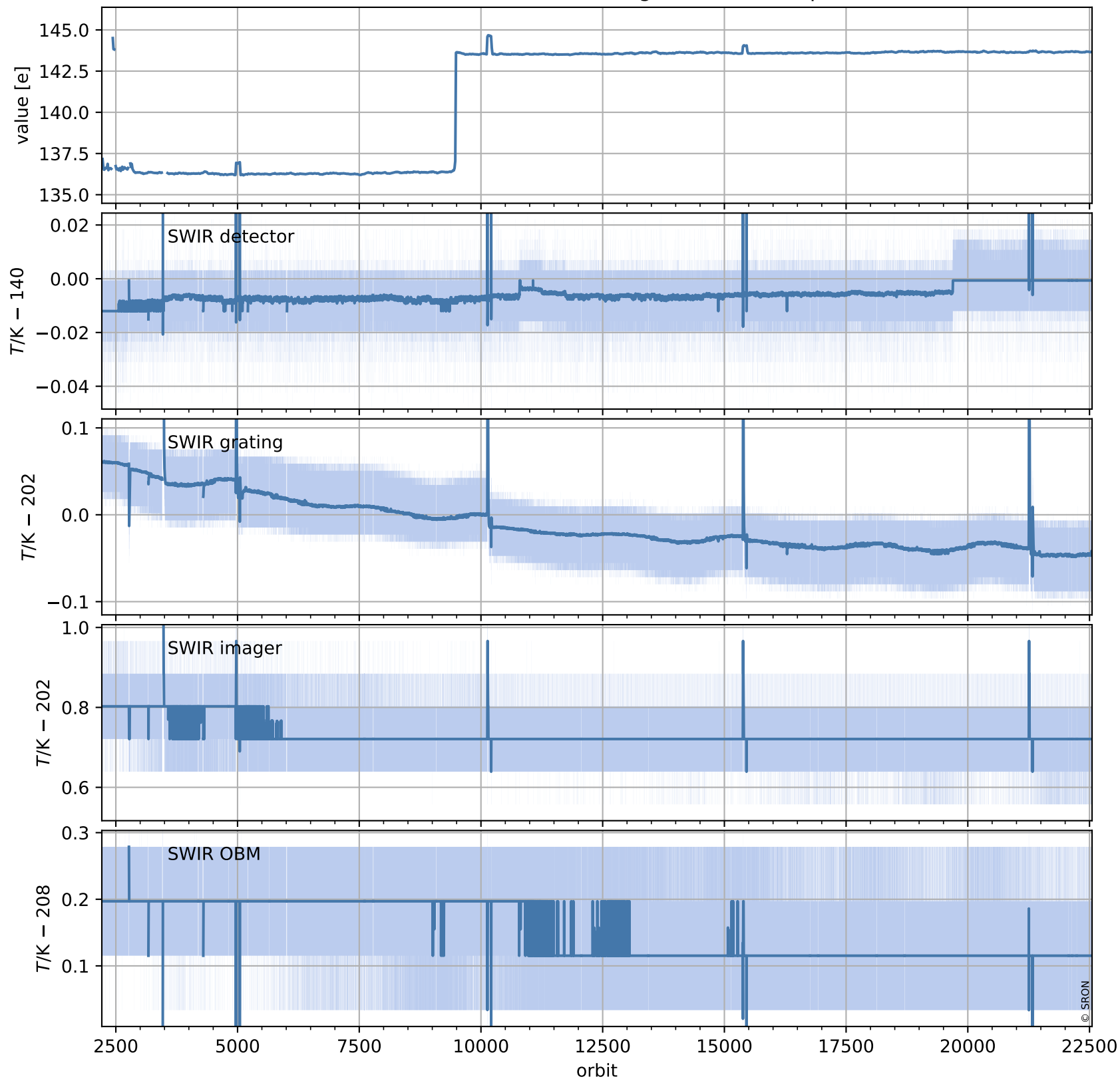
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22552]
coverage : 2018-03-18 / 2022-02-18
created : 2023-08-21T16:24:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22552]
coverage : 2018-03-18 / 2022-02-18
created : 2023-08-21T16:24:40

trend of normalized read-noise & temperatures

