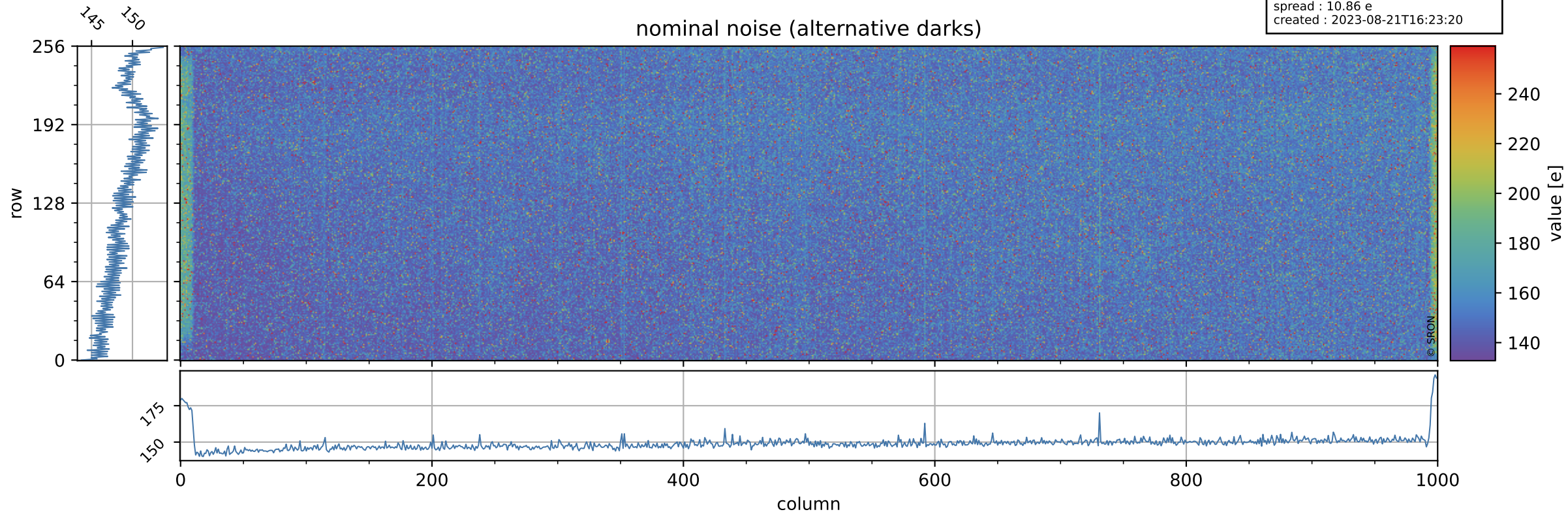


Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.86 e
created : 2023-08-21T16:23:20

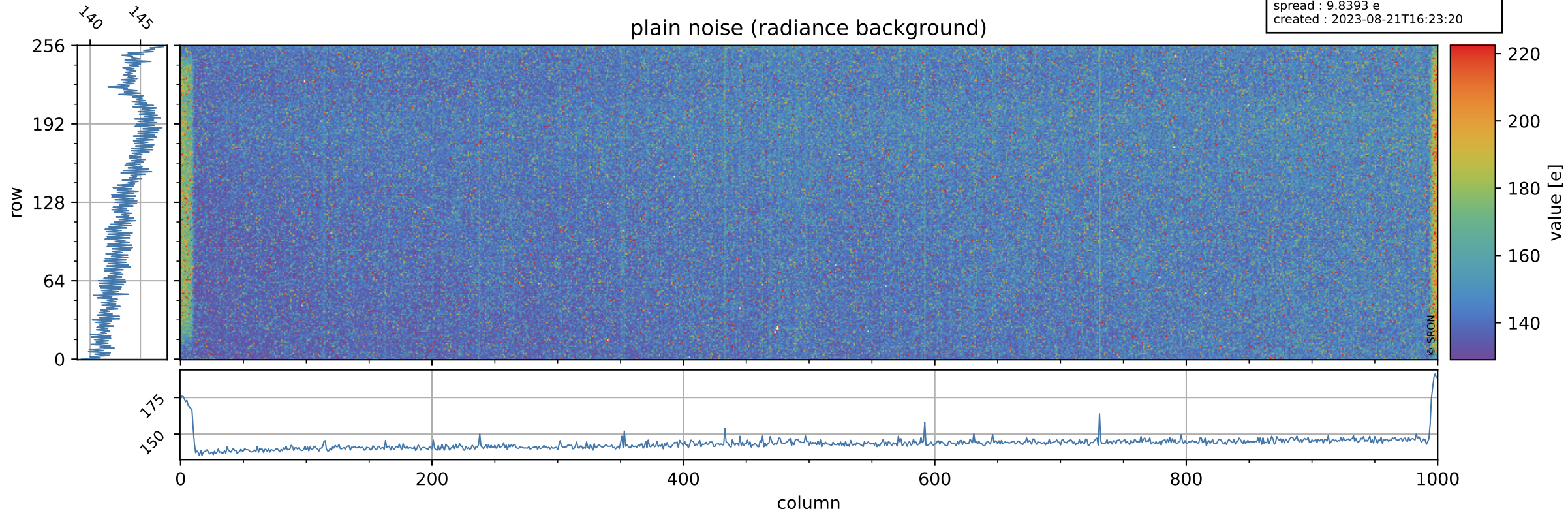
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8393 e
created : 2023-08-21T16:23:20

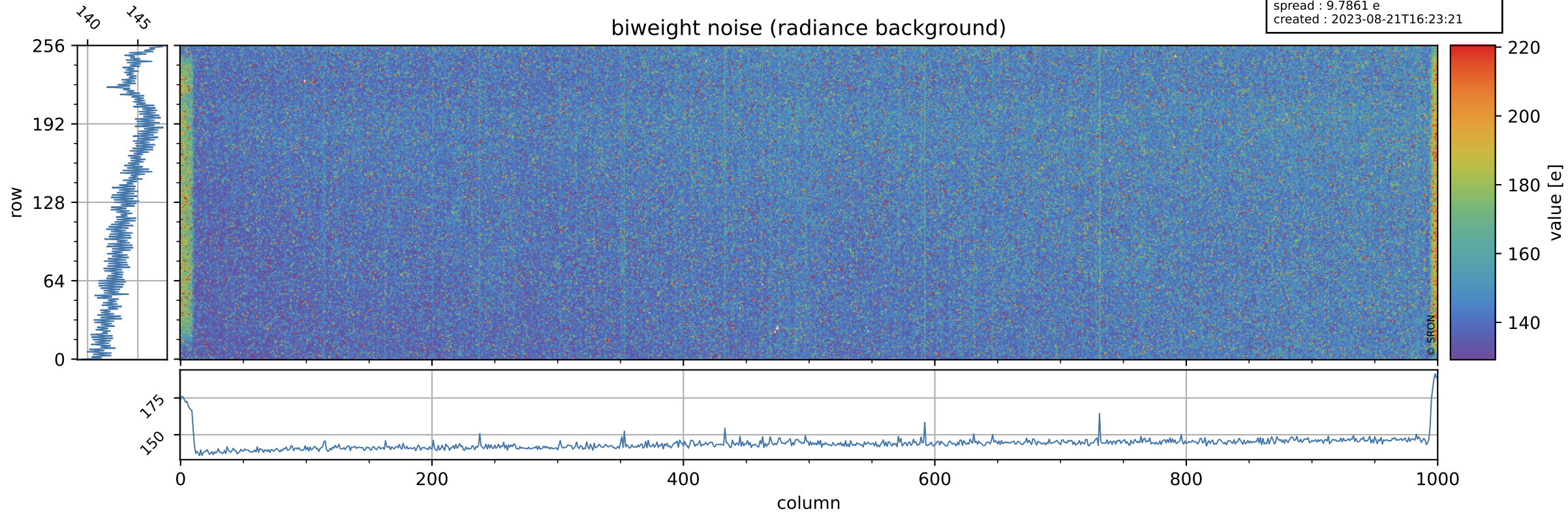
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7861 e
created : 2023-08-21T16:23:21

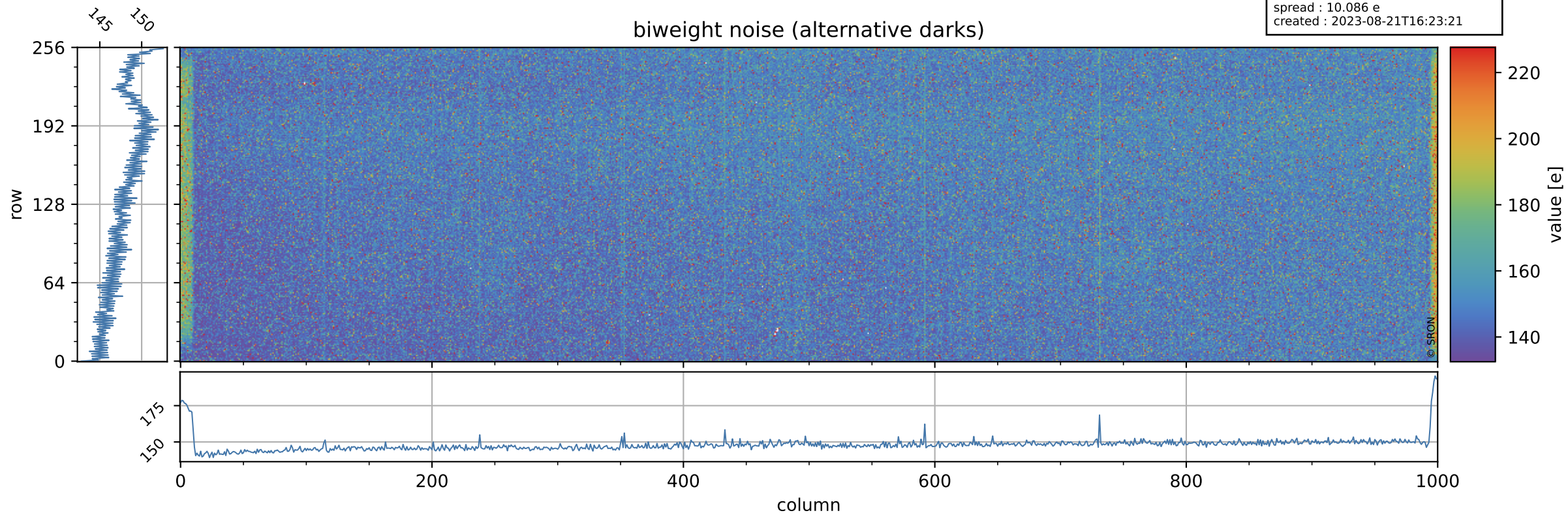
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.086 e
created : 2023-08-21T16:23:21

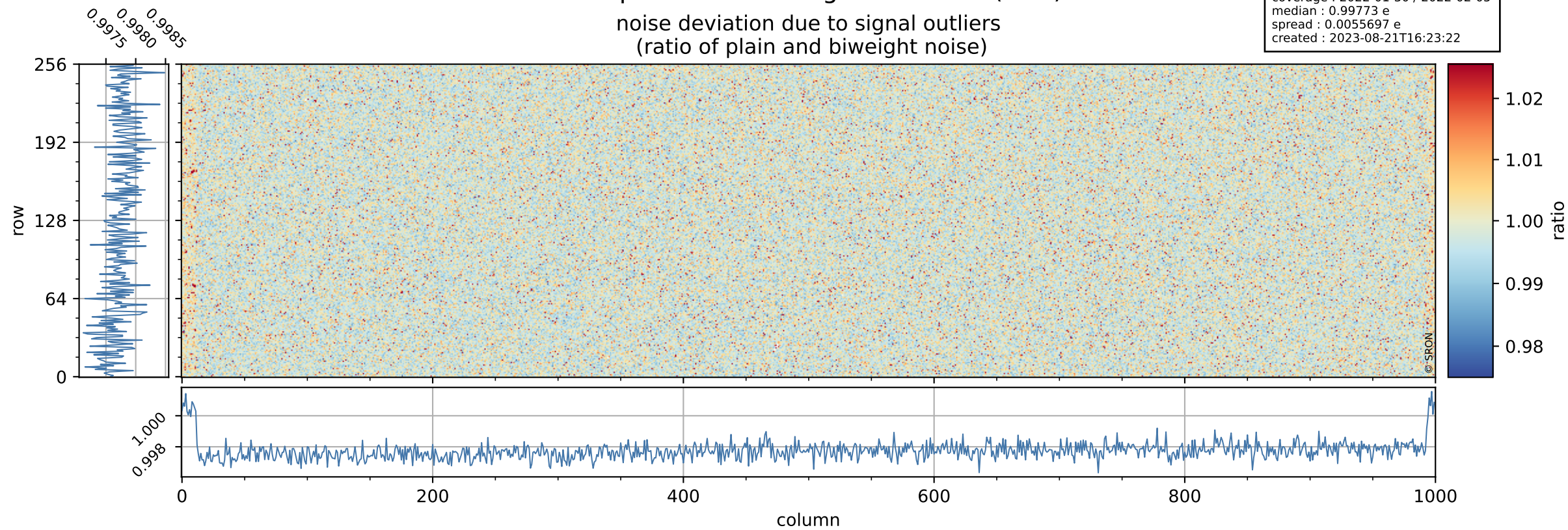
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

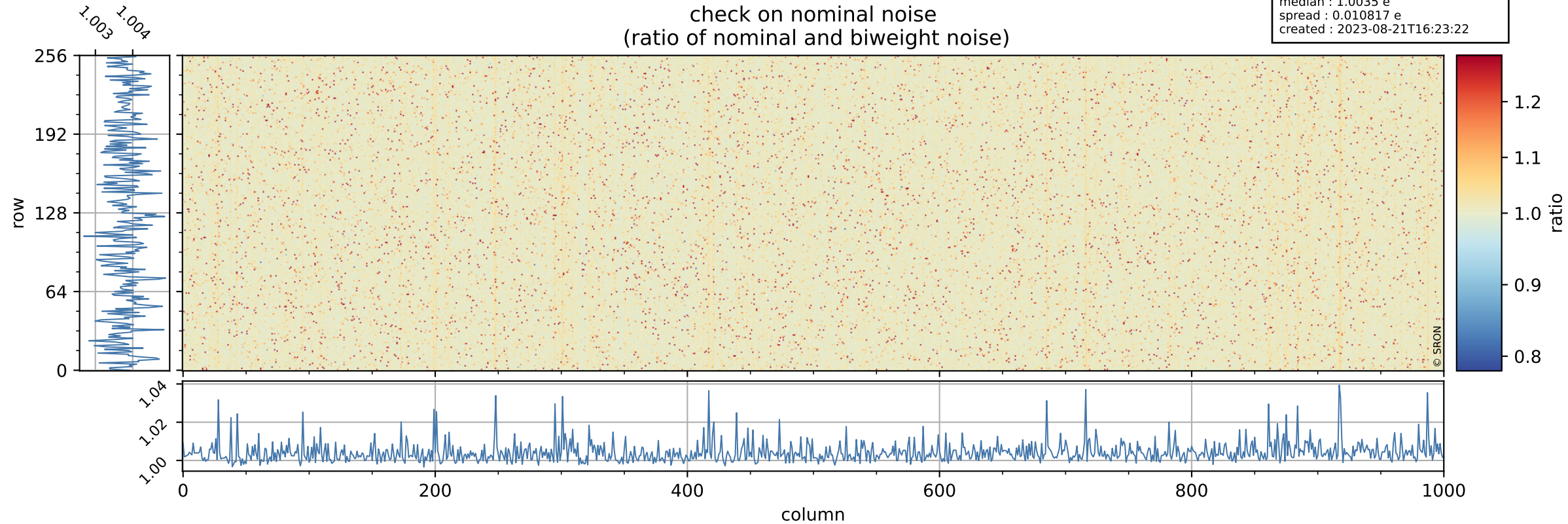
orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
median : 0.99773 e
spread : 0.0055697 e
created : 2023-08-21T16:23:22



Tropomi SWIR background noise (swir)

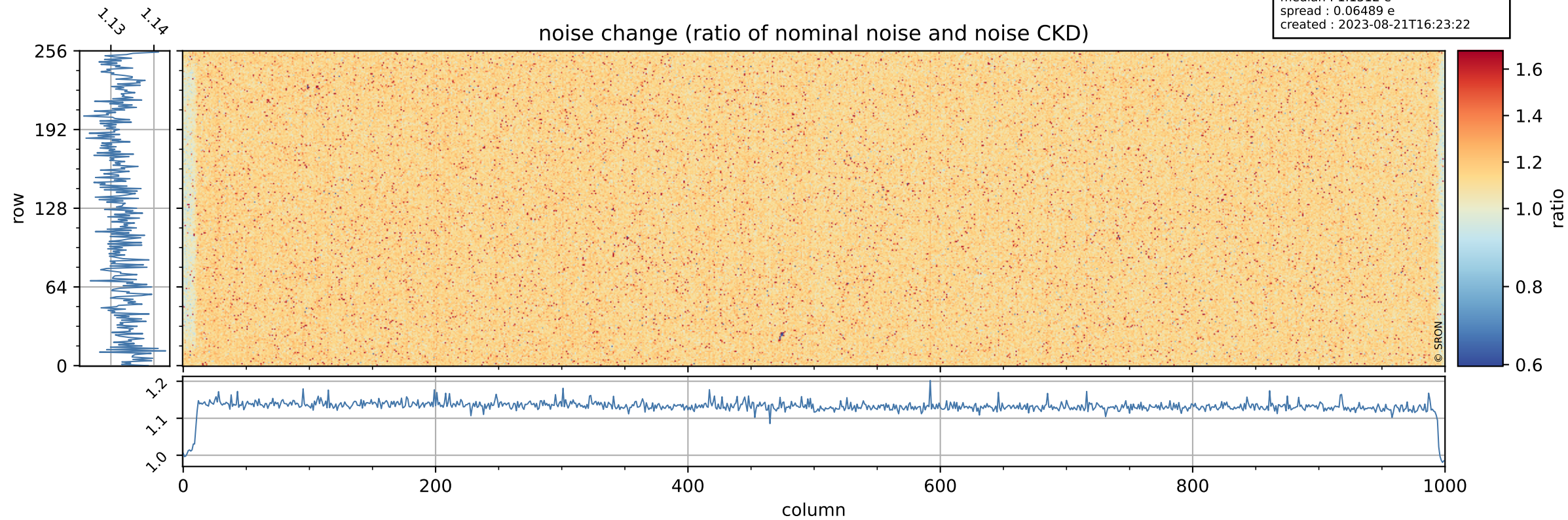
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
median : 1.0035 e
spread : 0.010817 e
created : 2023-08-21T16:23:22



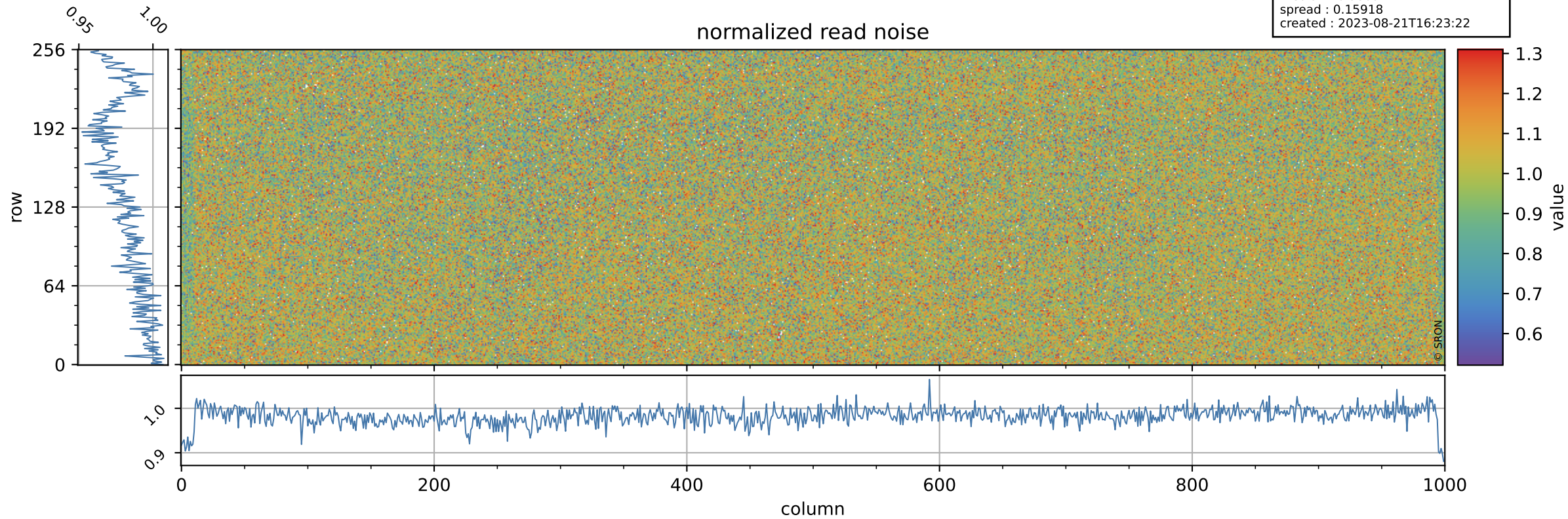
Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
median : 1.1312 e
spread : 0.06489 e
created : 2023-08-21T16:23:22



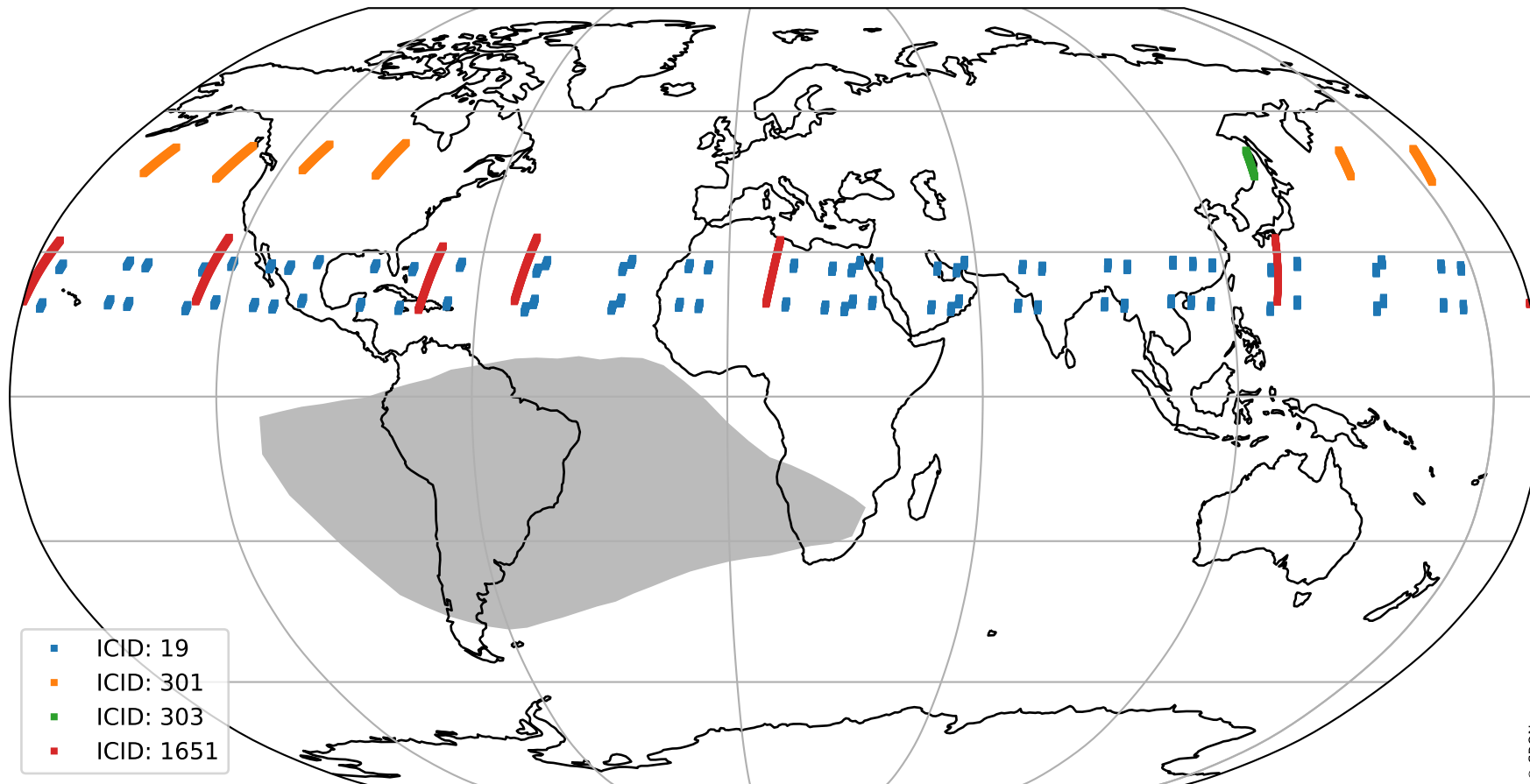
Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
median : 0.98092
spread : 0.15918
created : 2023-08-21T16:23:22



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

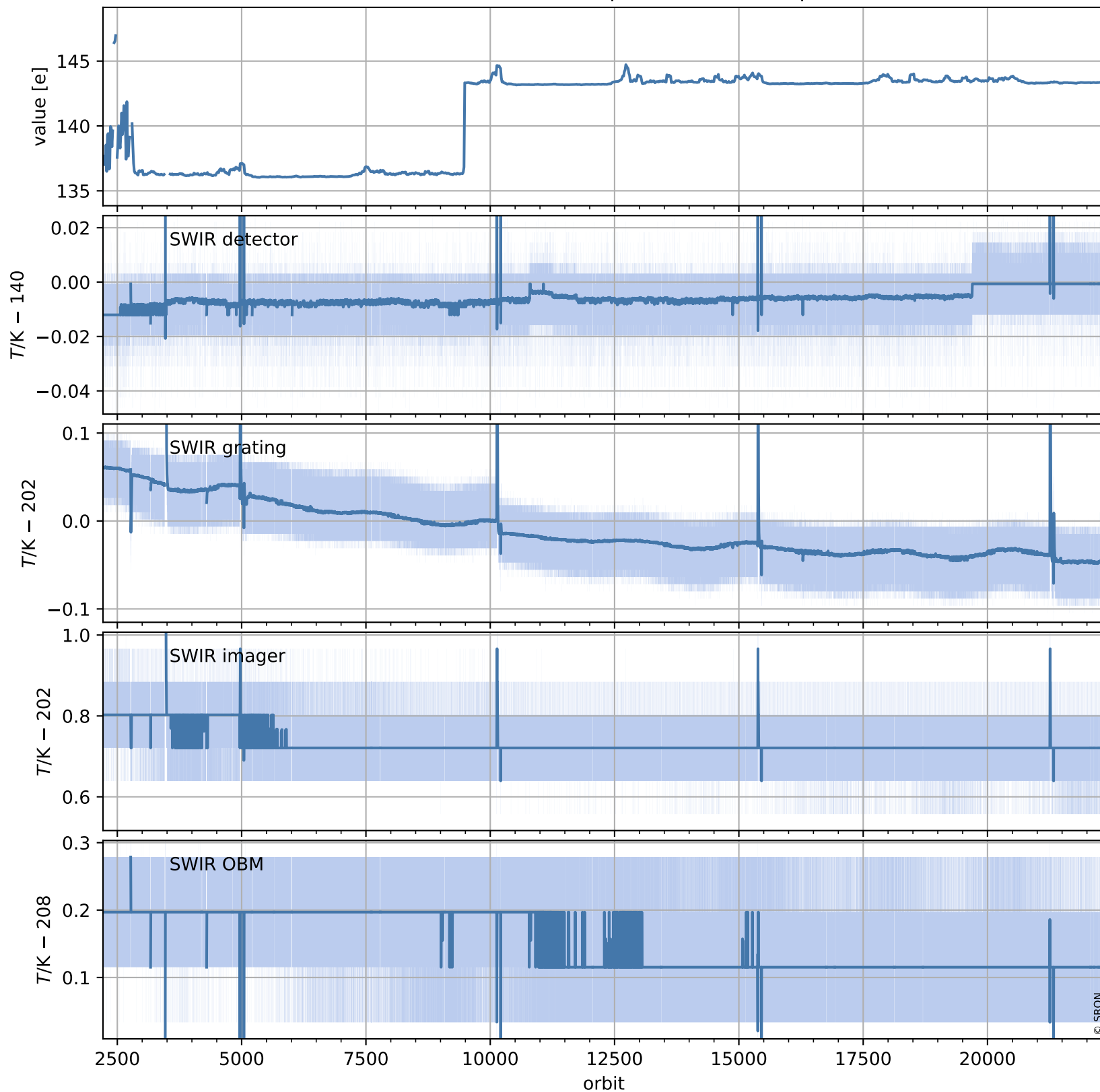
orbits : 13 in [22267, 22357]
coverage : 2022-01-30 / 2022-02-05
created : 2023-08-21T16:23:23



Tropomi SWIR background noise (swir)

orbits : [2212, 22357]
coverage : 2018-03-18 / 2022-02-05
created : 2023-08-21T16:23:23

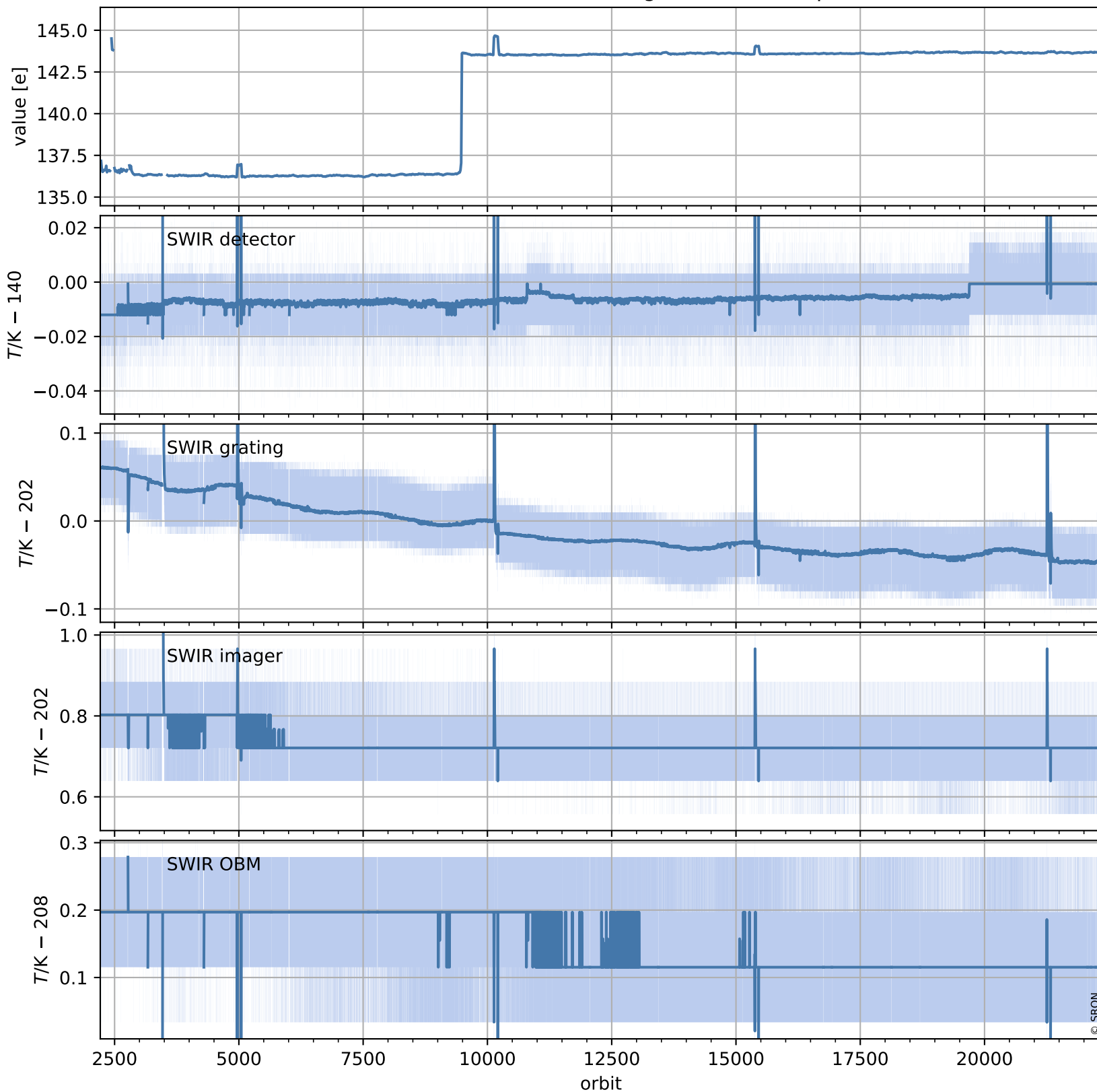
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22357]
coverage : 2018-03-18 / 2022-02-05
created : 2023-08-21T16:23:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22357]
coverage : 2018-03-18 / 2022-02-05
created : 2023-08-21T16:23:25

trend of normalized read-noise & temperatures

