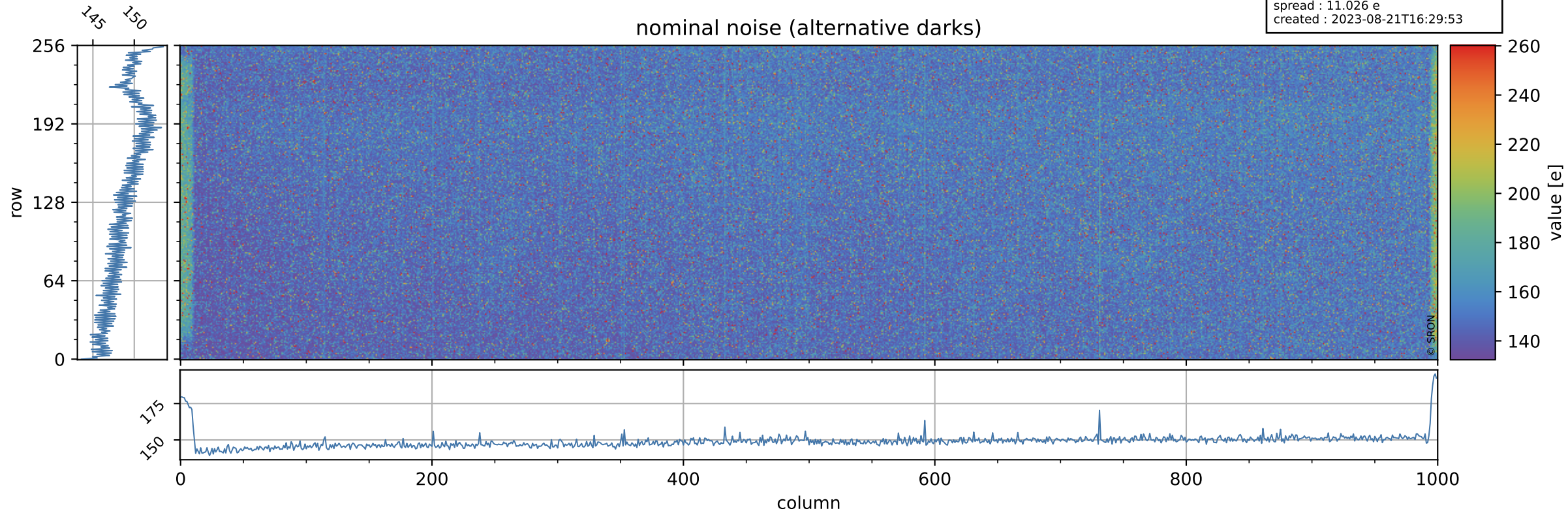


Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.026 e
created : 2023-08-21T16:29:53

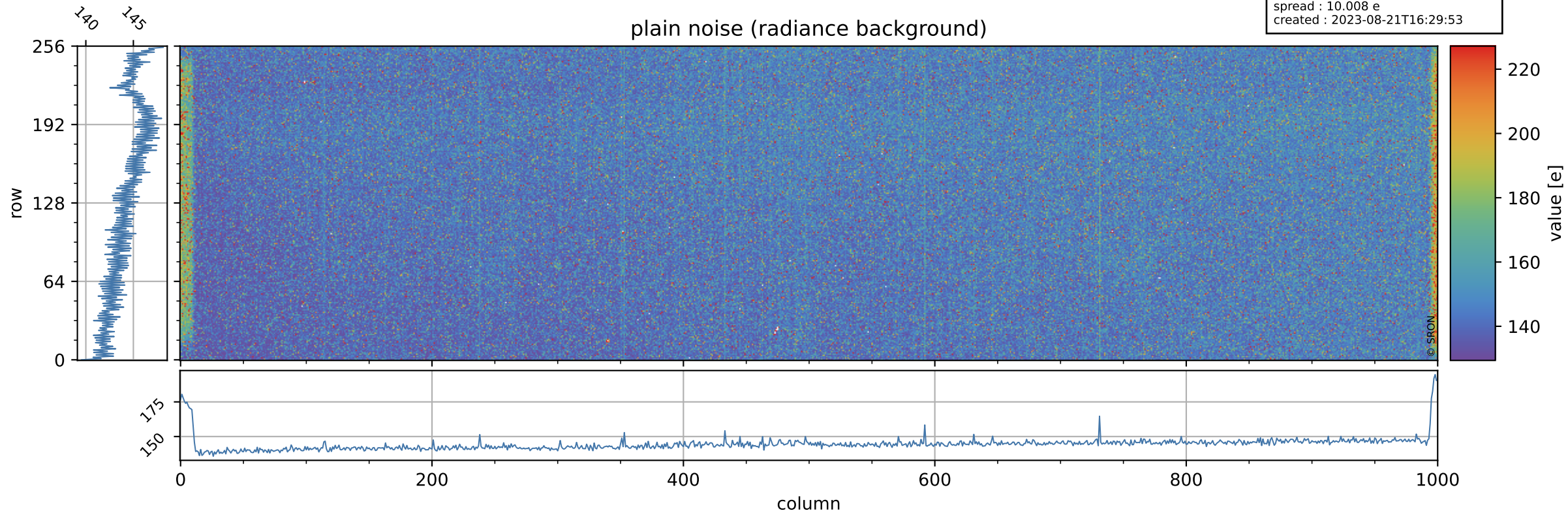
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
n_coad, t_exp : 1, 0.8383
median : 144.21 e
spread : 10.008 e
created : 2023-08-21T16:29:53

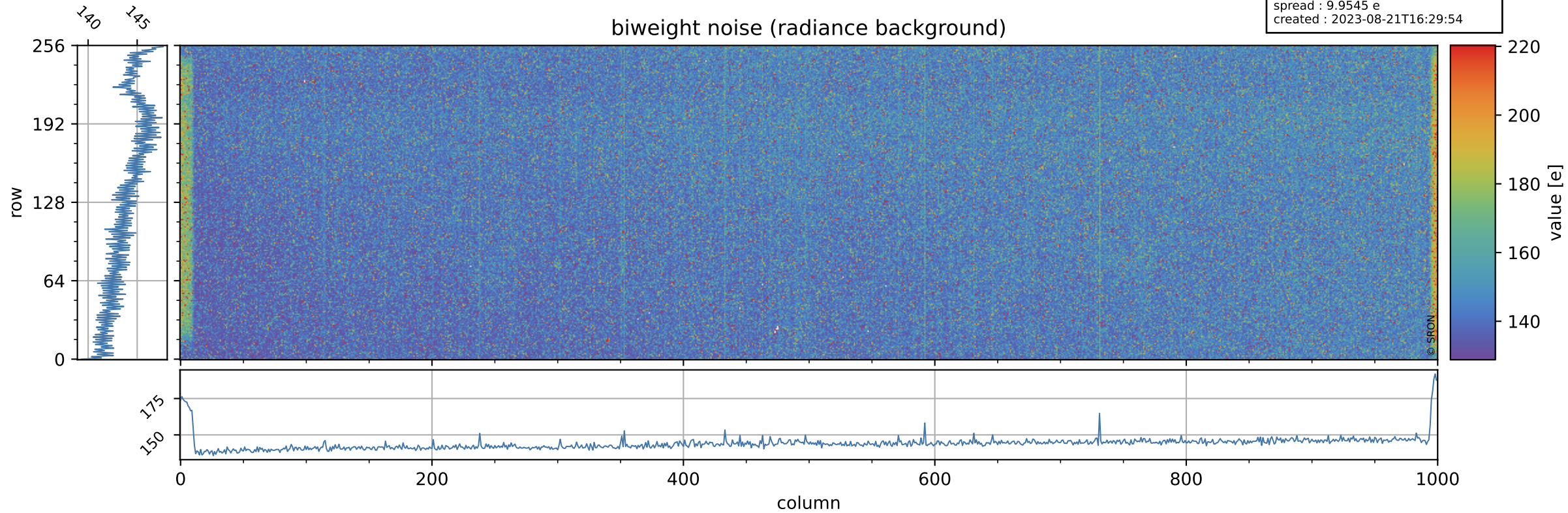
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9545 e
created : 2023-08-21T16:29:54

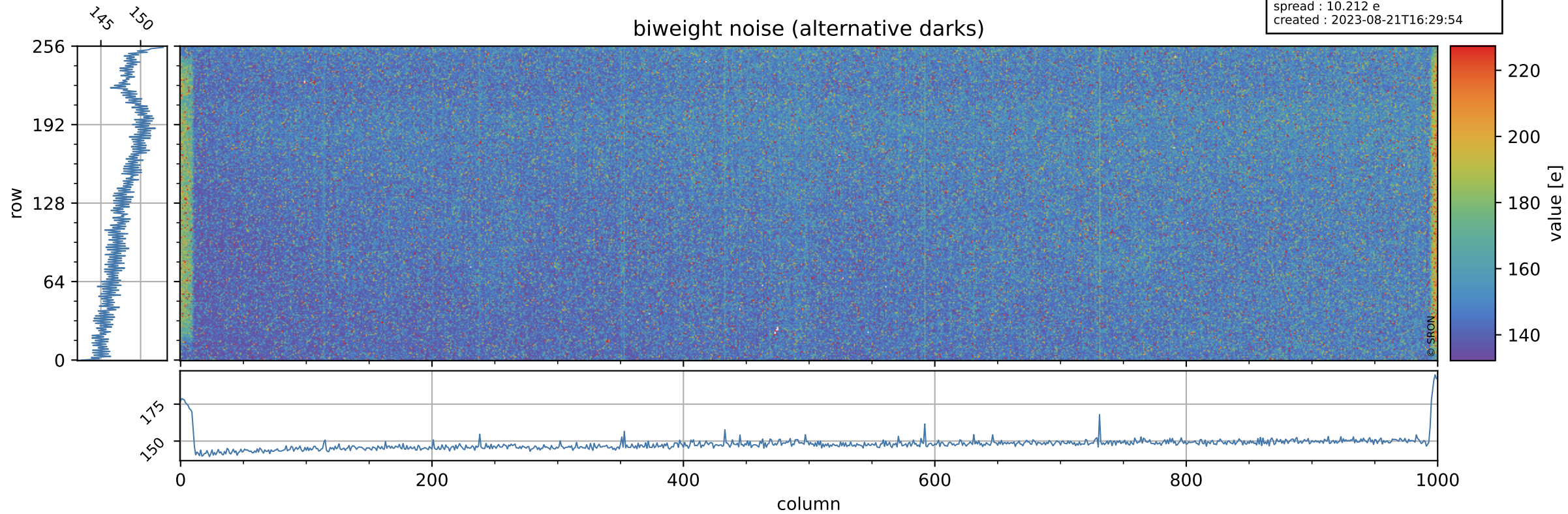
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.212 e
created : 2023-08-21T16:29:54

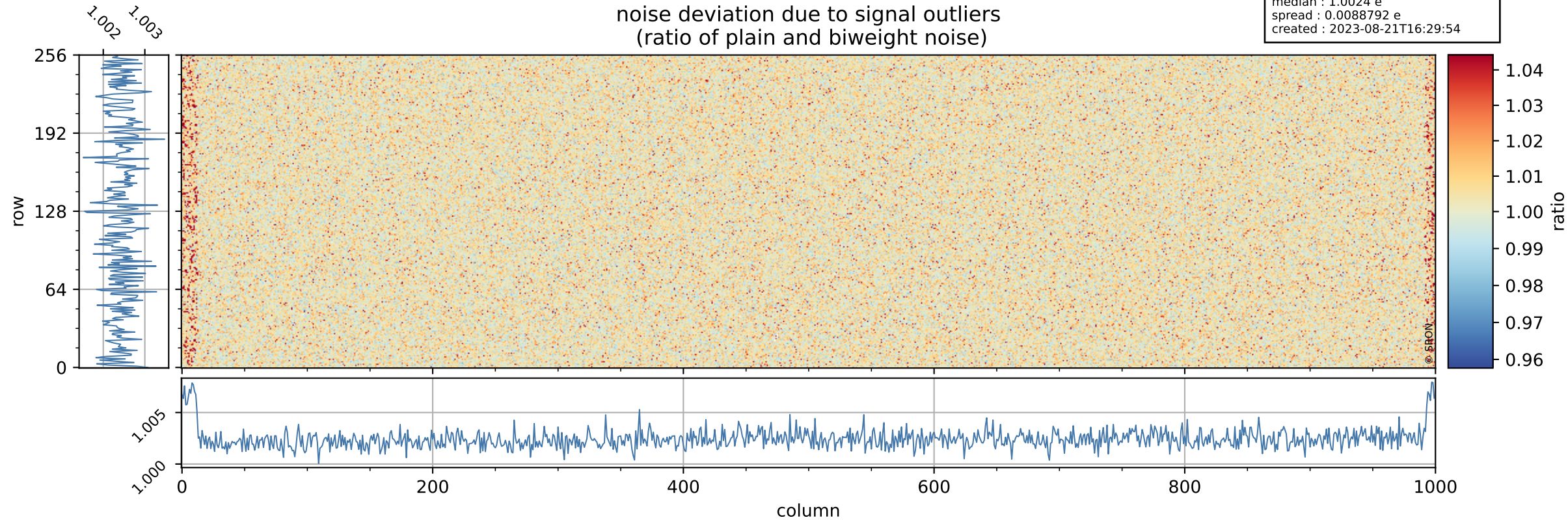
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

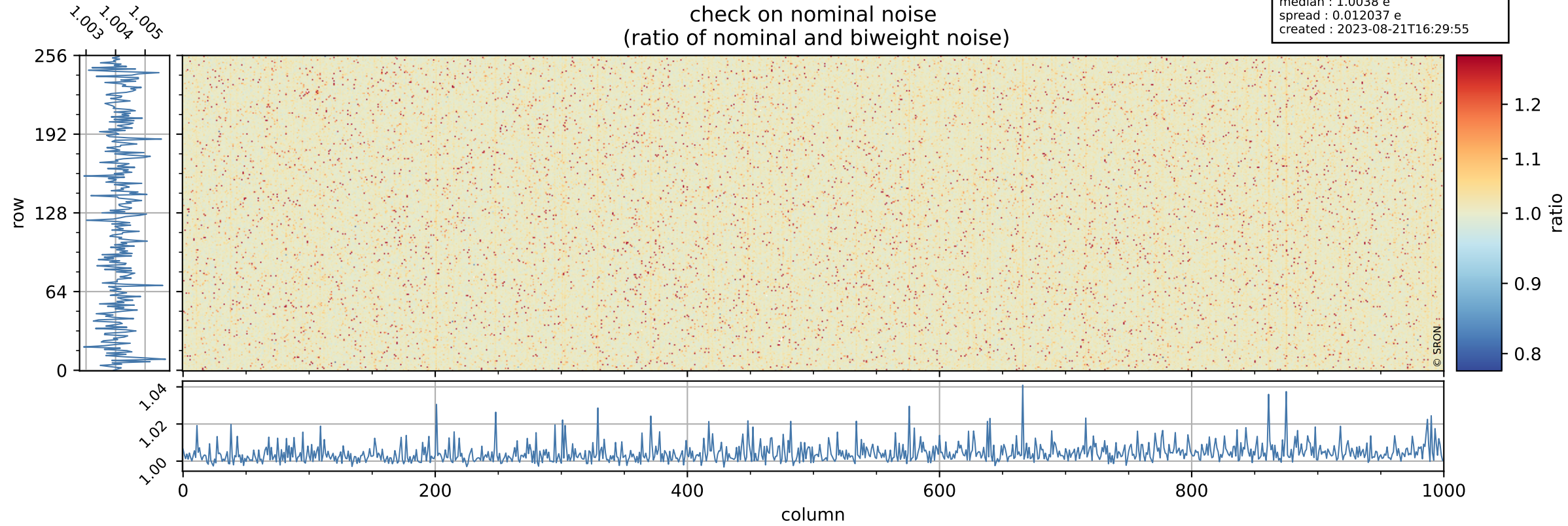
orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
median : 1.0024 e
spread : 0.0088792 e
created : 2023-08-21T16:29:54



Tropomi SWIR background noise (swir)

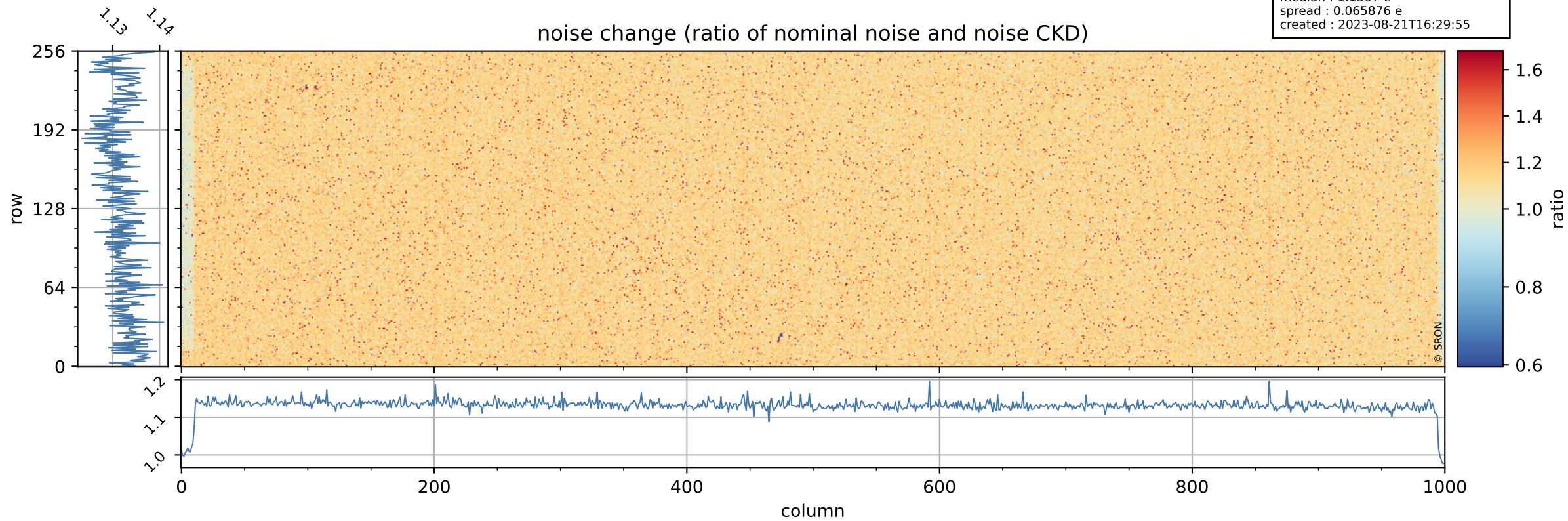
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
median : 1.0038 e
spread : 0.012037 e
created : 2023-08-21T16:29:55



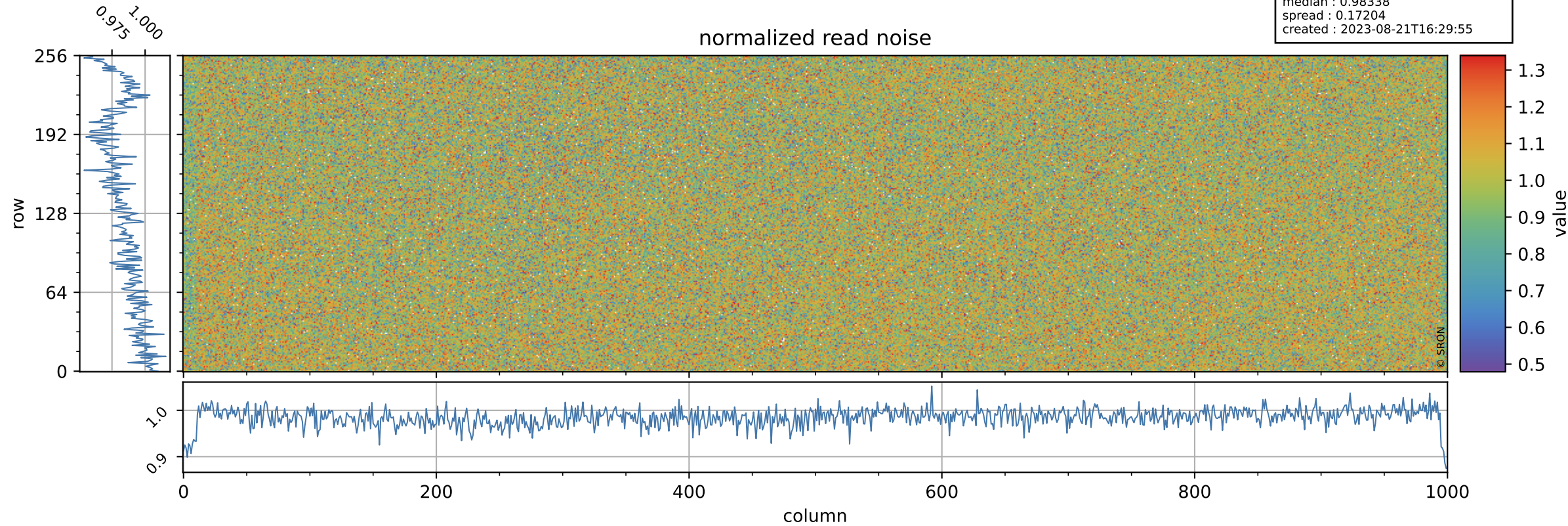
Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
median : 1.1307 e
spread : 0.065876 e
created : 2023-08-21T16:29:55



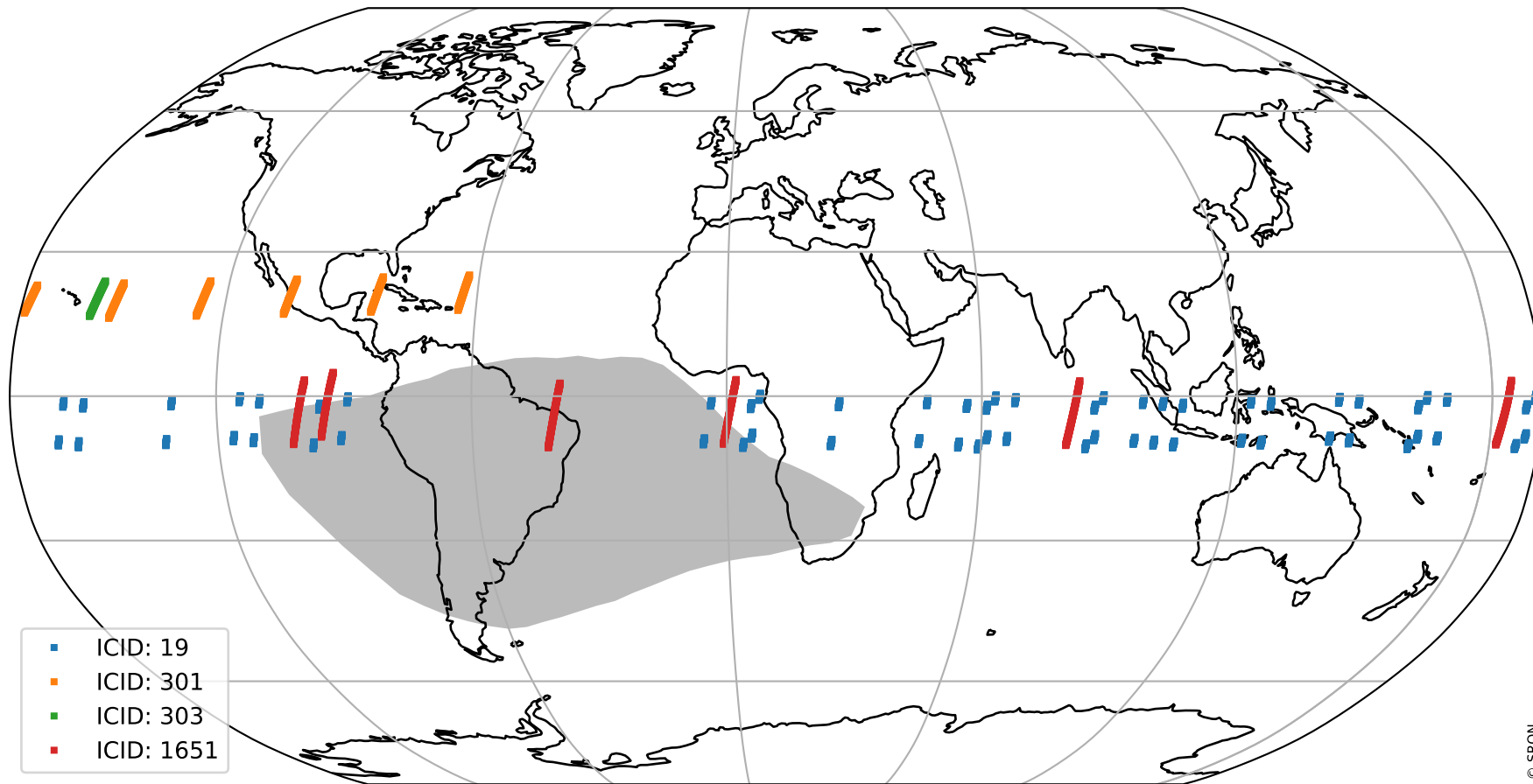
Tropomi SWIR background noise (swir)

orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
median : 0.98338
spread : 0.17204
created : 2023-08-21T16:29:55



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

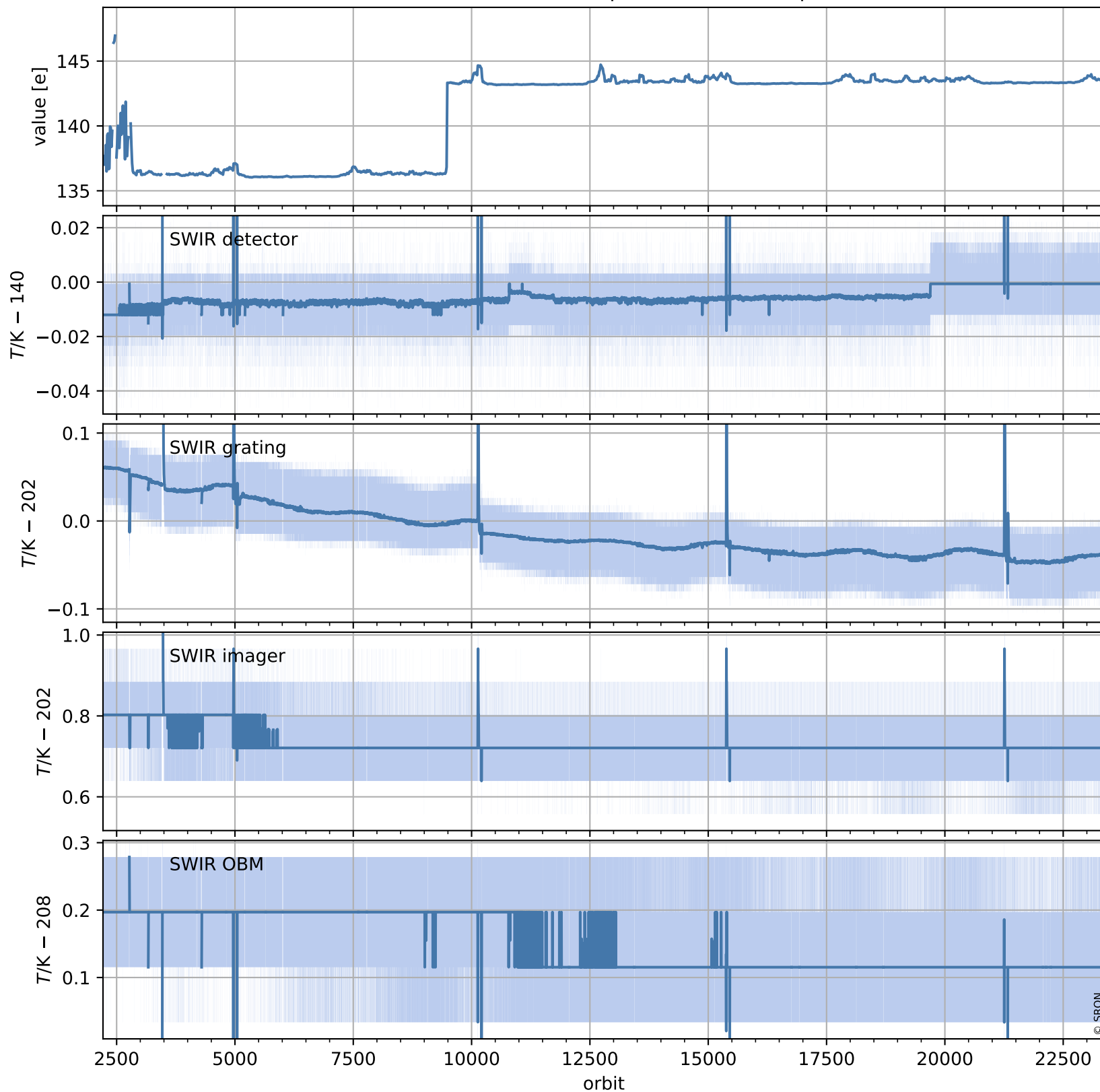
orbits : 13 in [23287, 23377]
coverage : 2022-04-12 / 2022-04-18
created : 2023-08-21T16:29:56



Tropomi SWIR background noise (swir)

orbits : [2212, 23377]
coverage : 2018-03-18 / 2022-04-18
created : 2023-08-21T16:29:56

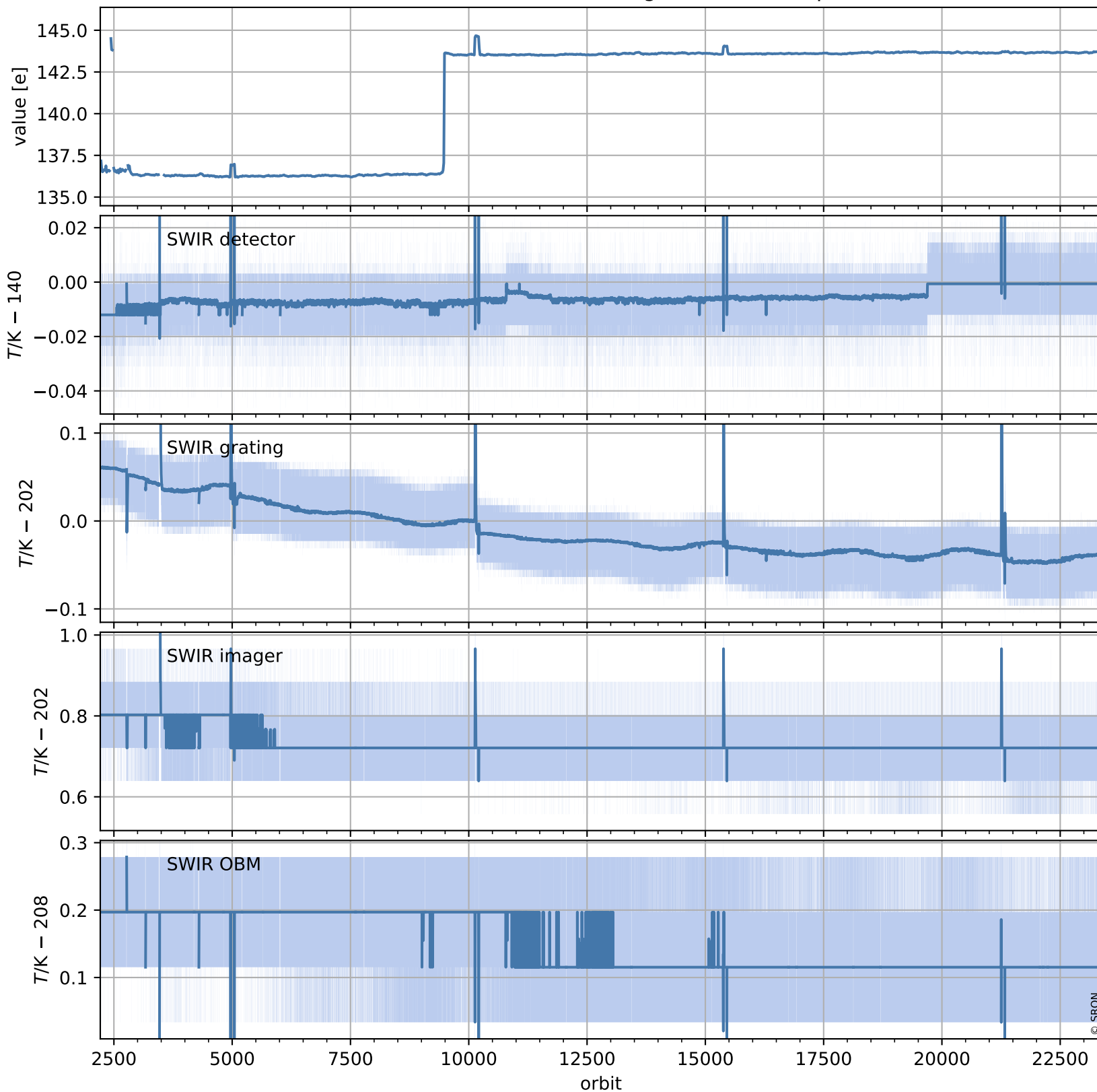
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23377]
coverage : 2018-03-18 / 2022-04-18
created : 2023-08-21T16:29:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23377]
coverage : 2018-03-18 / 2022-04-18
created : 2023-08-21T16:29:58

trend of normalized read-noise & temperatures

