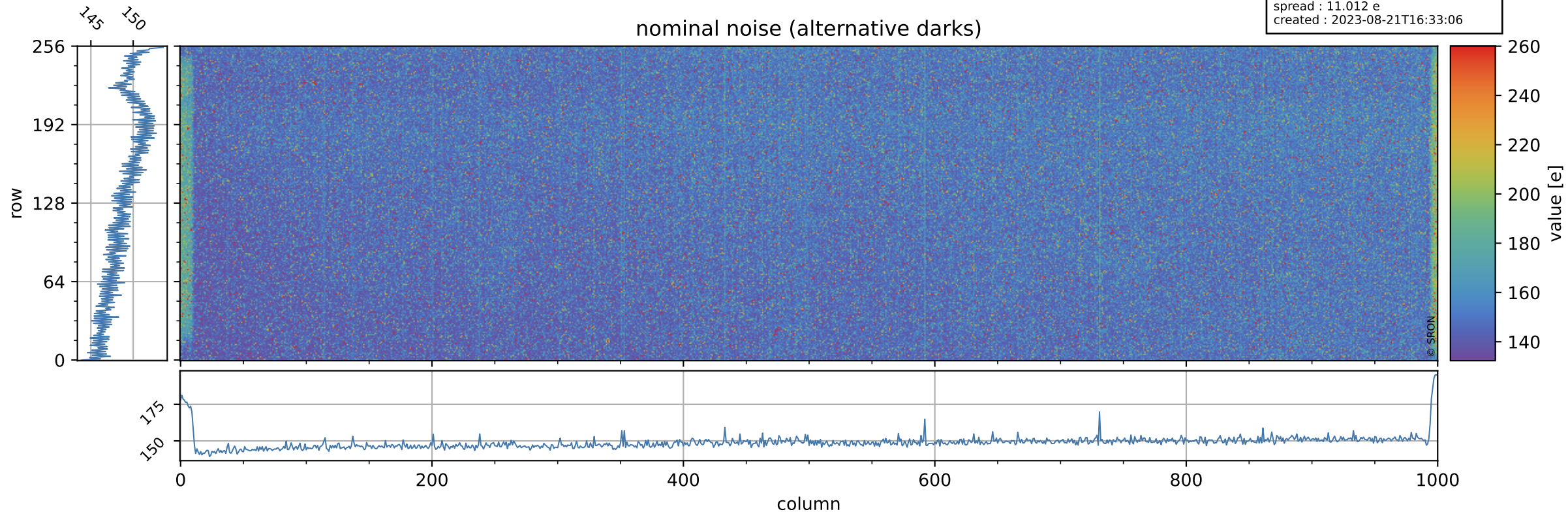


Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.012 e
created : 2023-08-21T16:33:06

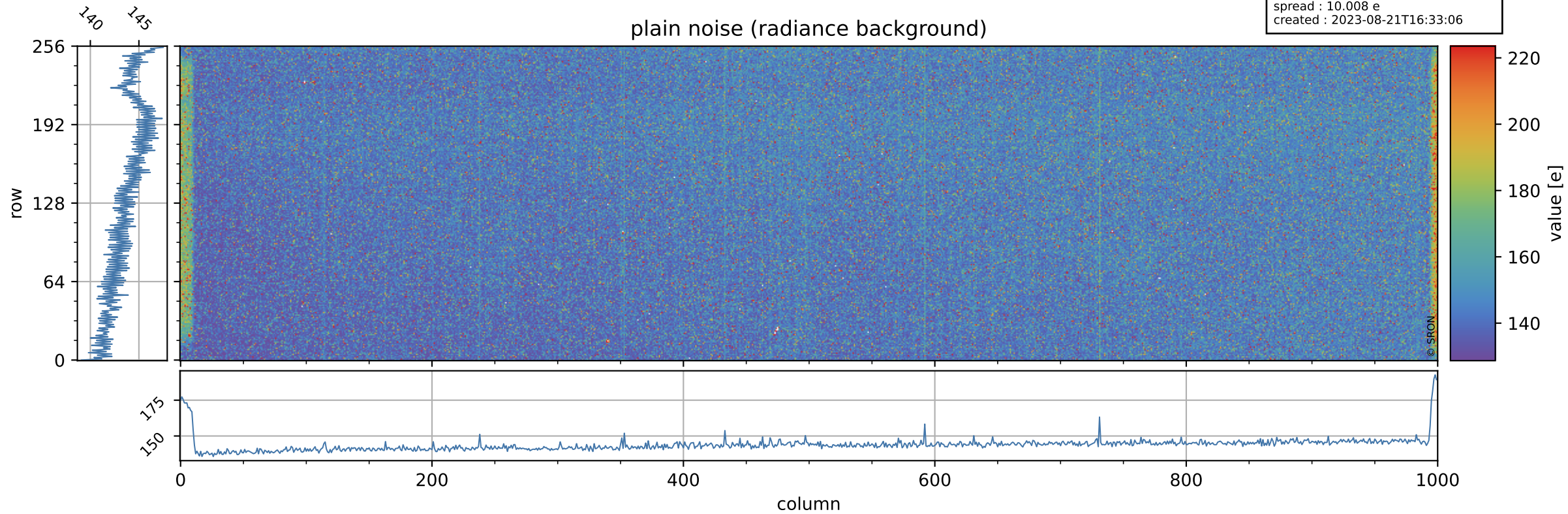
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 10.008 e
created : 2023-08-21T16:33:06

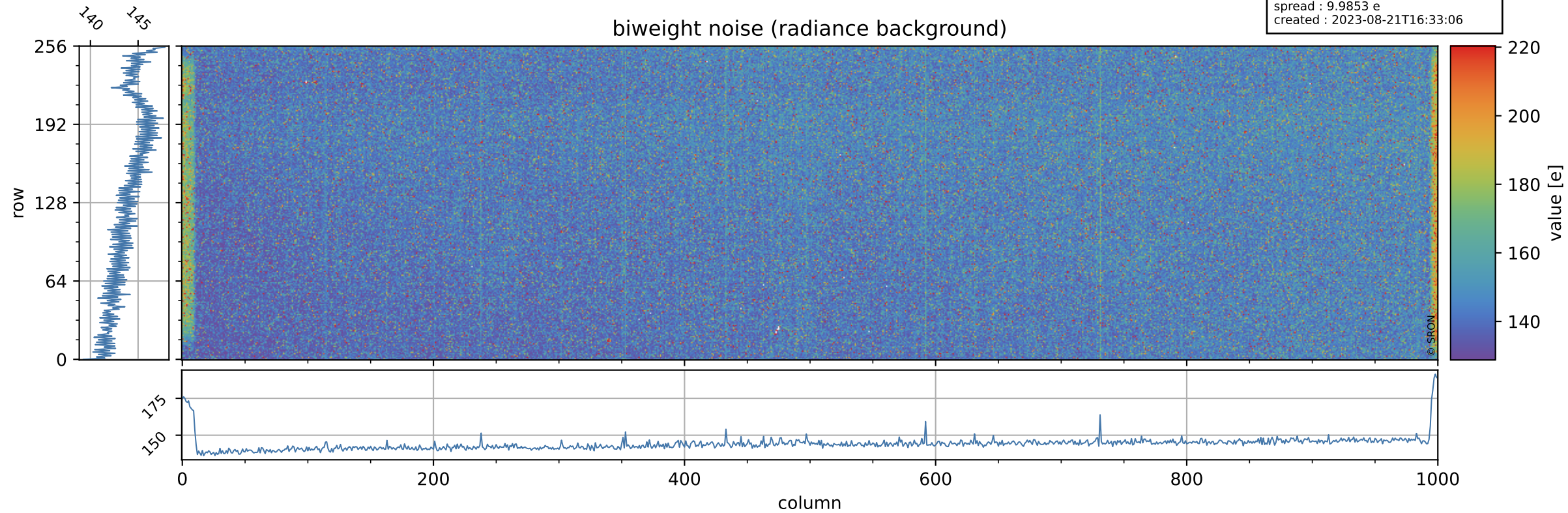
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9853 e
created : 2023-08-21T16:33:06

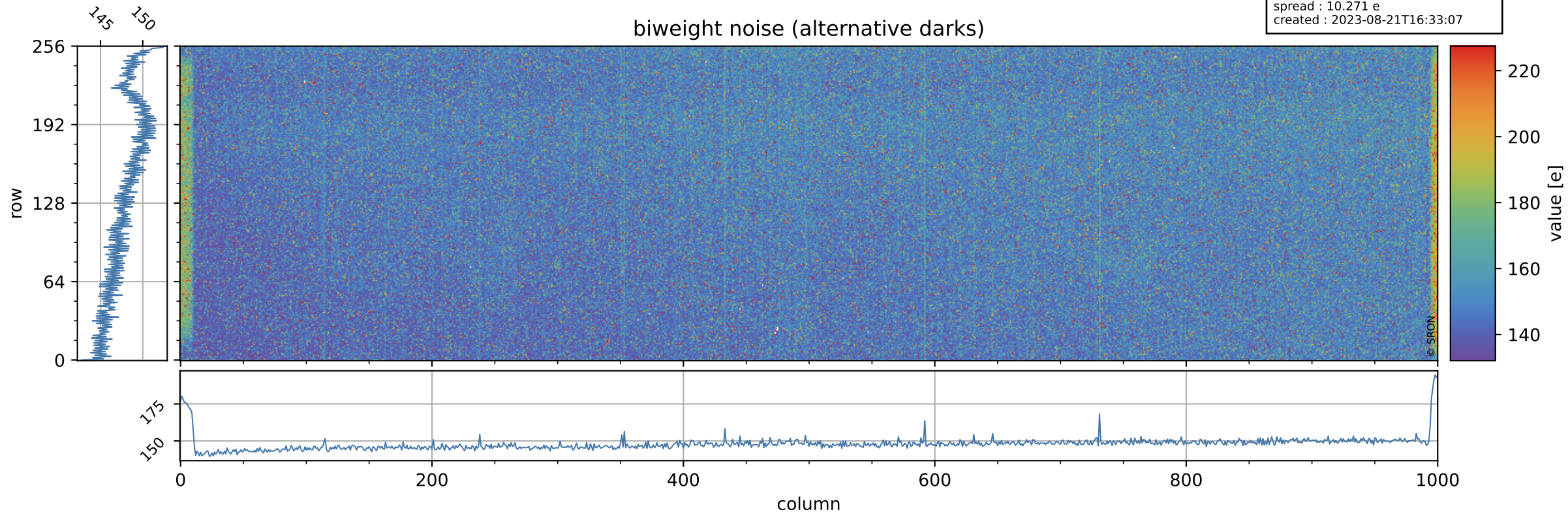
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.271 e
created : 2023-08-21T16:33:07

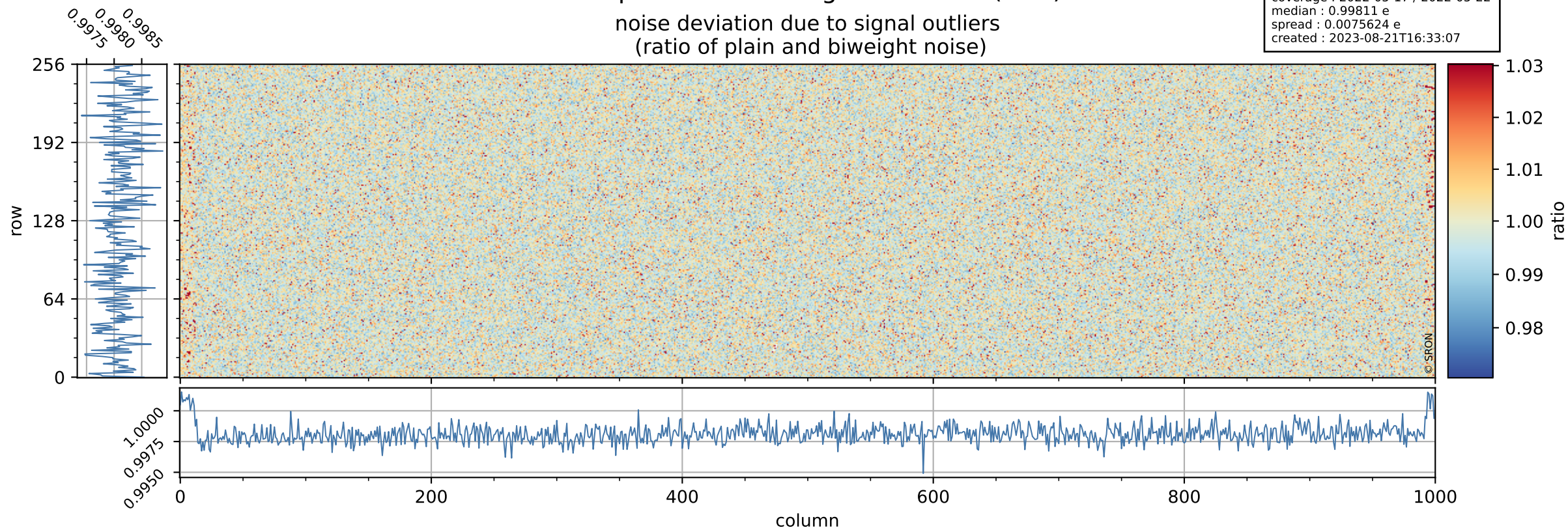
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

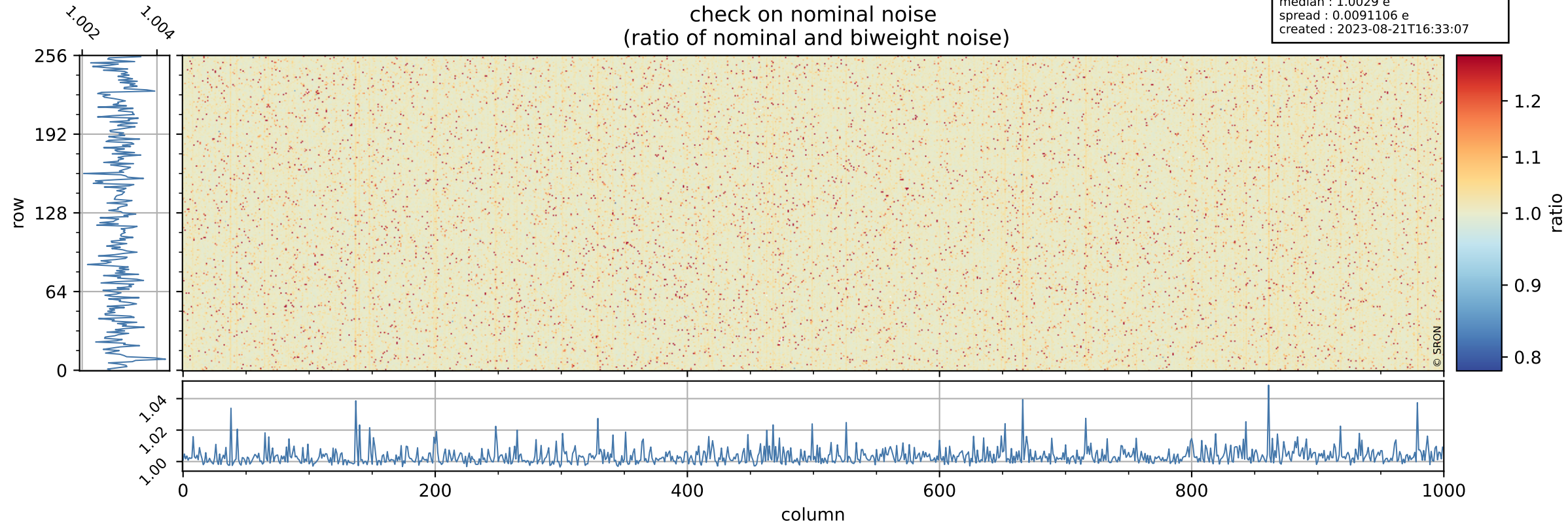
orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
median : 0.99811 e
spread : 0.0075624 e
created : 2023-08-21T16:33:07



Tropomi SWIR background noise (swir)

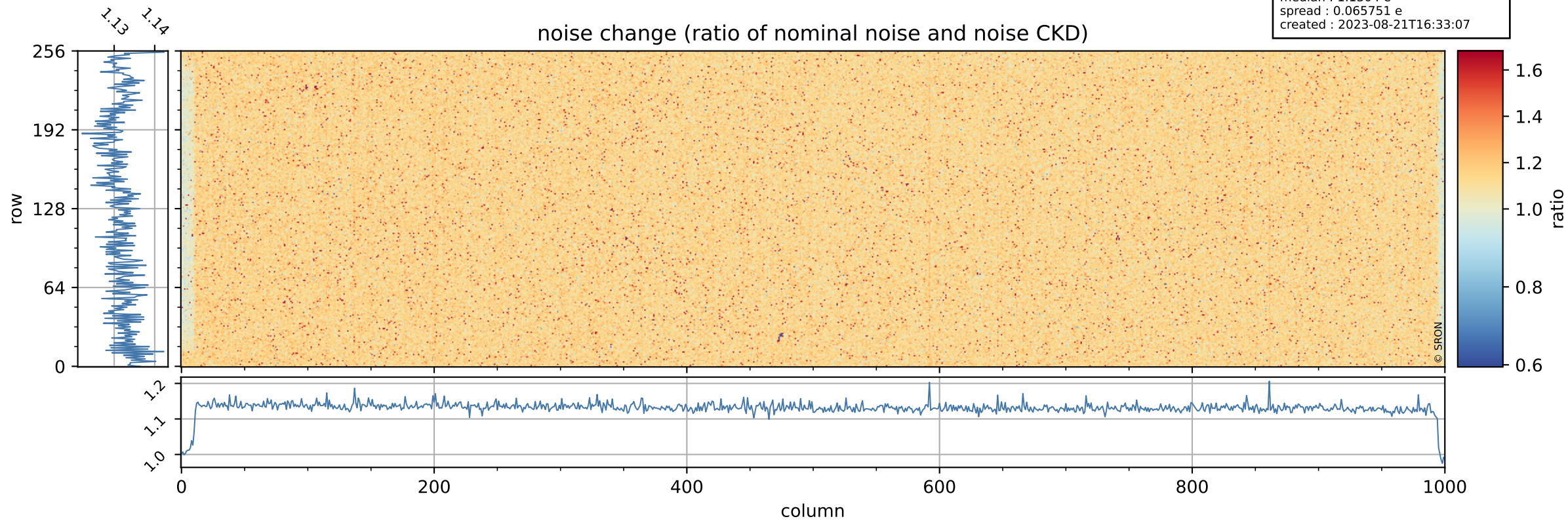
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
median : 1.0029 e
spread : 0.0091106 e
created : 2023-08-21T16:33:07



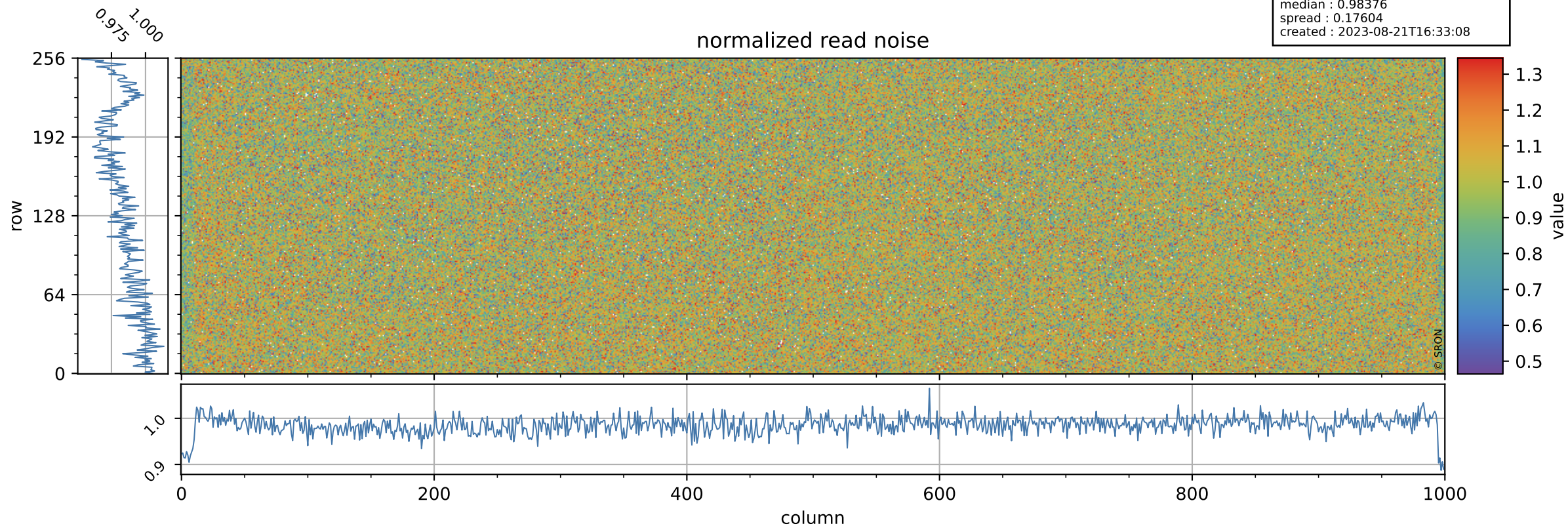
Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
median : 1.1304 e
spread : 0.065751 e
created : 2023-08-21T16:33:07



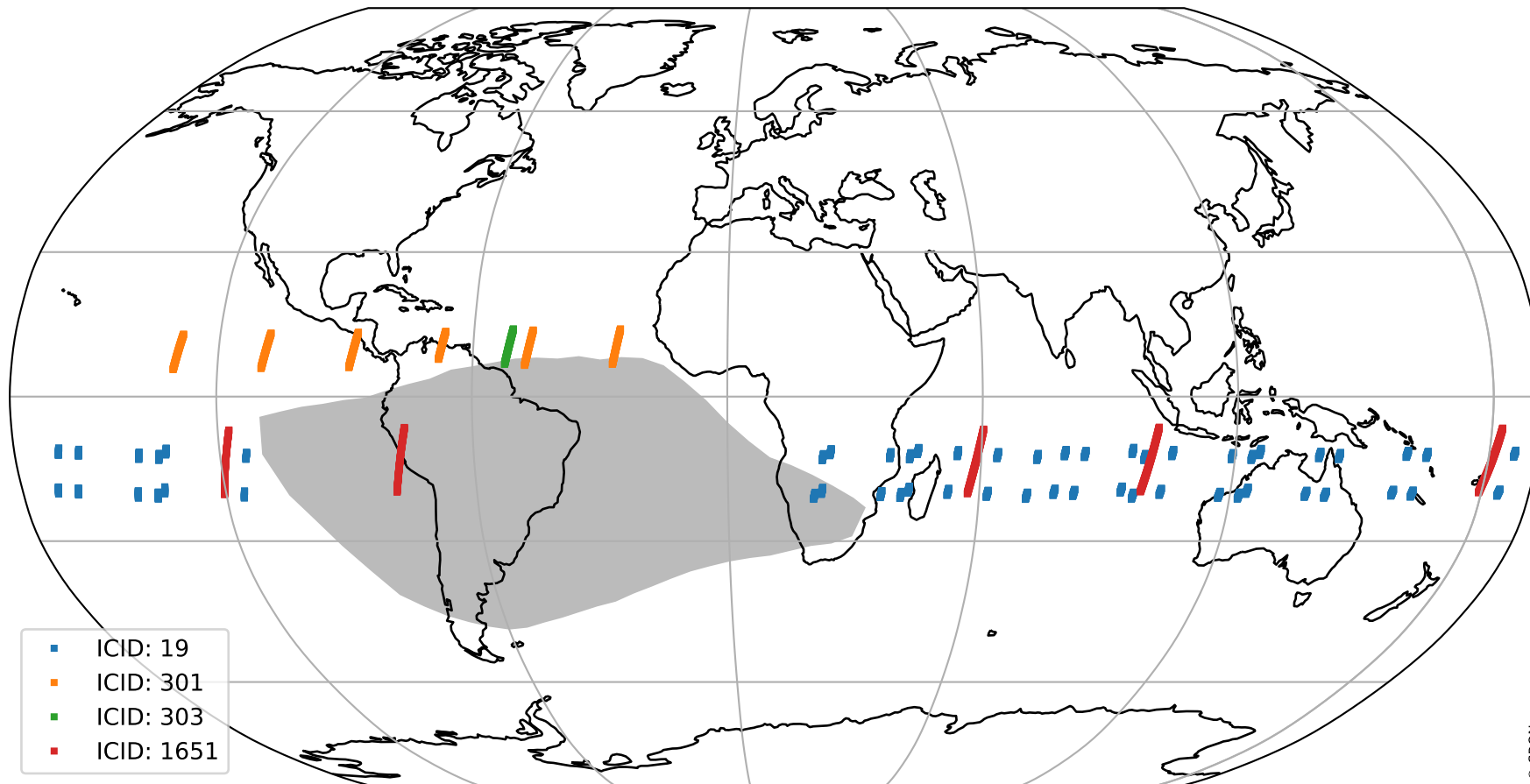
Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
median : 0.98376
spread : 0.17604
created : 2023-08-21T16:33:08



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

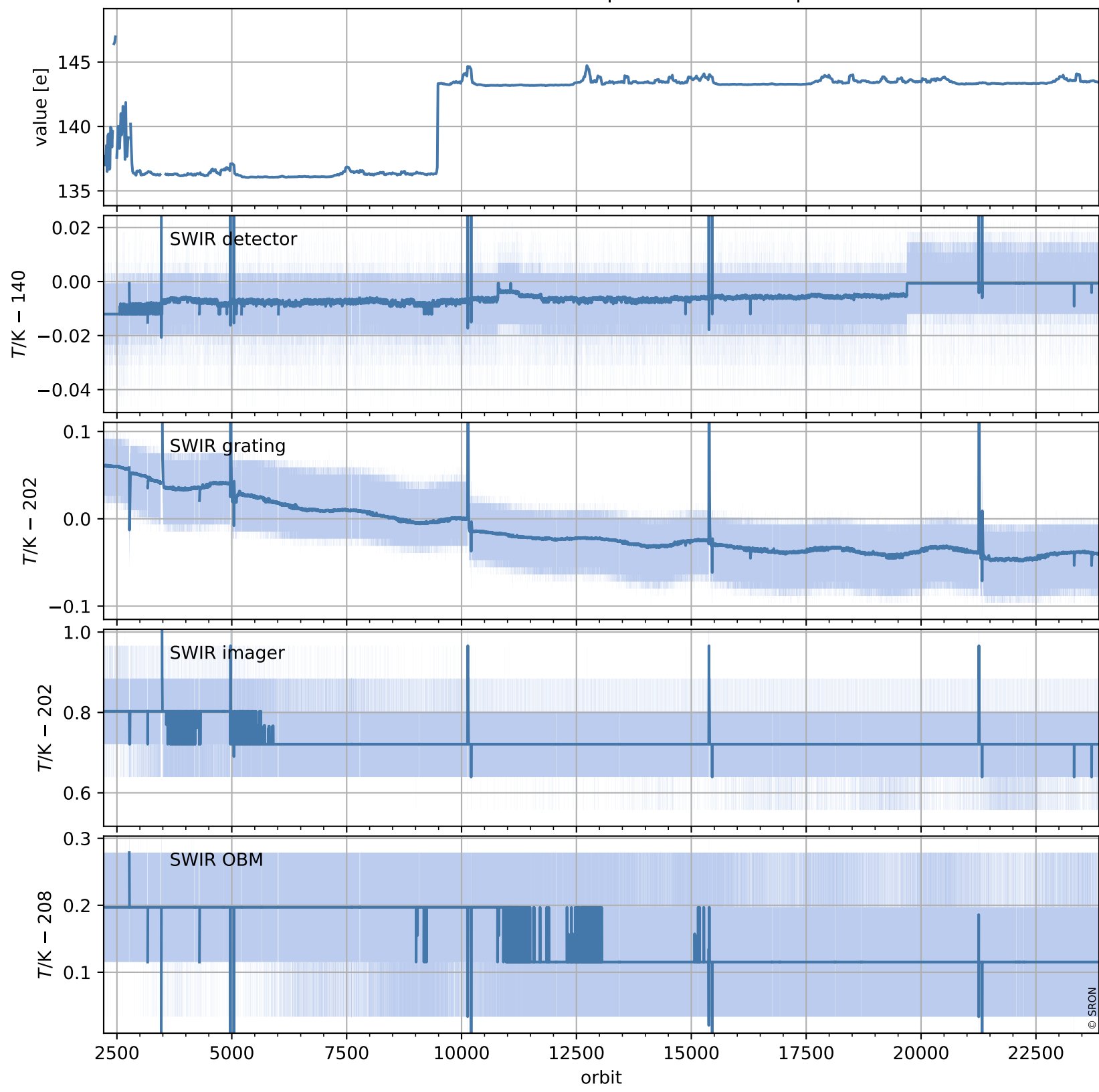
orbits : 12 in [23797, 23872]
coverage : 2022-05-17 / 2022-05-22
created : 2023-08-21T16:33:08



Tropomi SWIR background noise (swir)

orbits : [2212, 23872]
coverage : 2018-03-18 / 2022-05-22
created : 2023-08-21T16:33:08

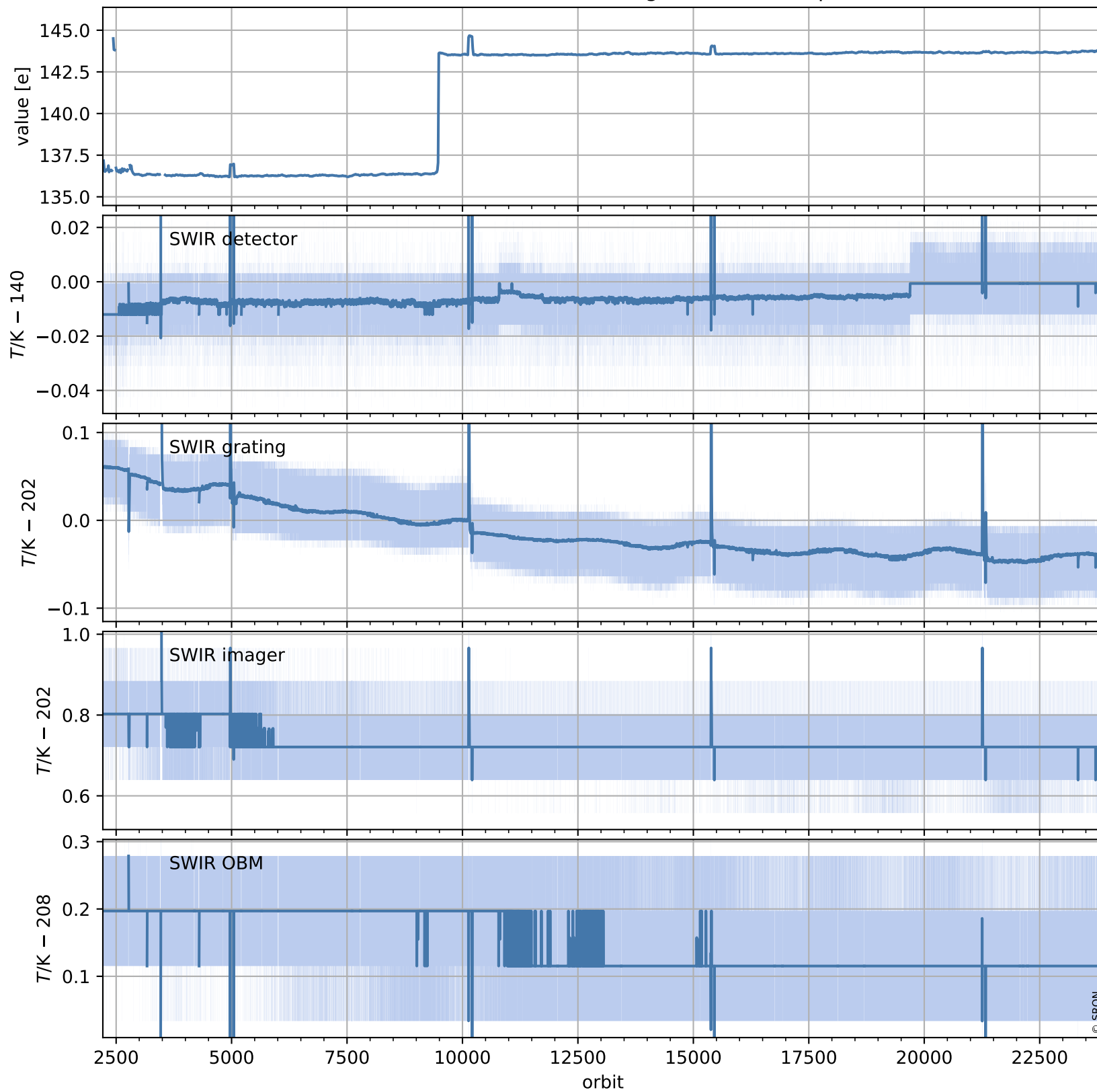
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23872]
coverage : 2018-03-18 / 2022-05-22
created : 2023-08-21T16:33:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23872]
coverage : 2018-03-18 / 2022-05-22
created : 2023-08-21T16:33:10

trend of normalized read-noise & temperatures

