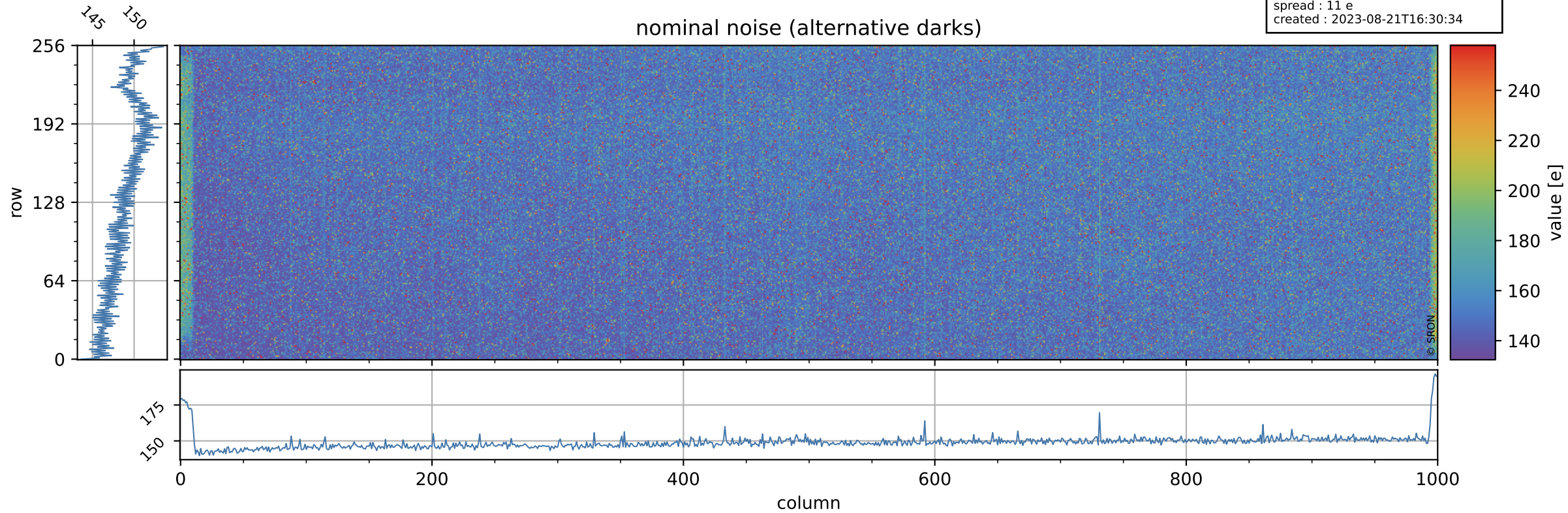


Tropomi SWIR background noise (swir)

orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11 e
created : 2023-08-21T16:30:34

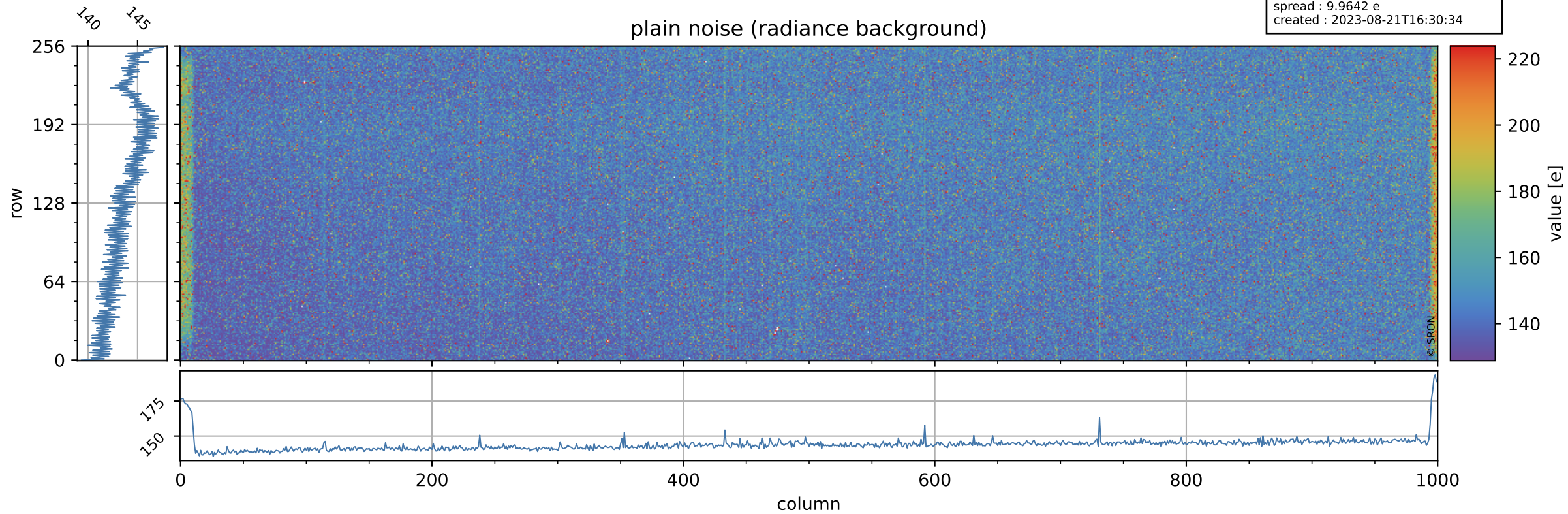
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9642 e
created : 2023-08-21T16:30:34

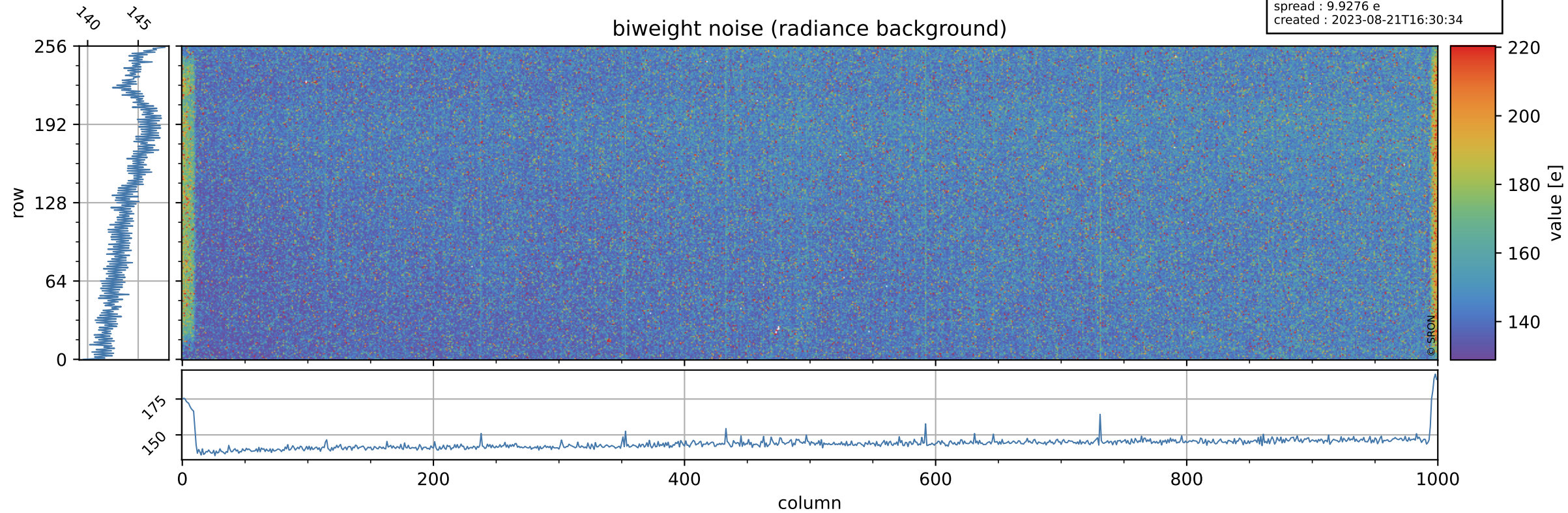
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9276 e
created : 2023-08-21T16:30:34

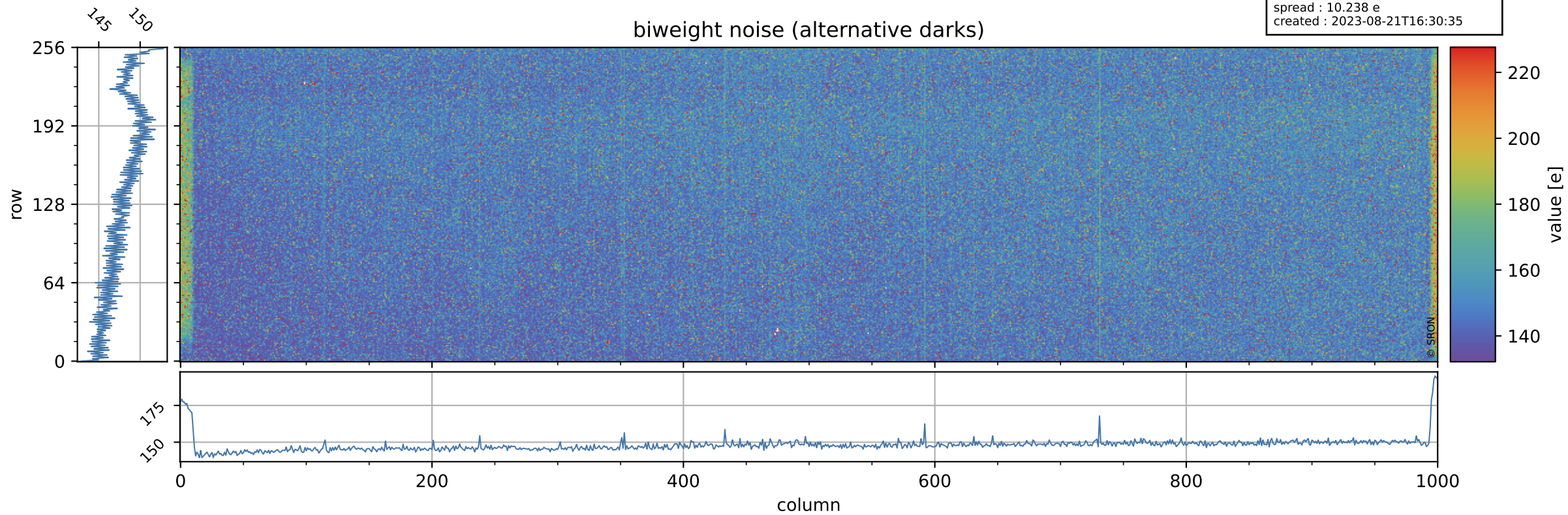
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.238 e
created : 2023-08-21T16:30:35

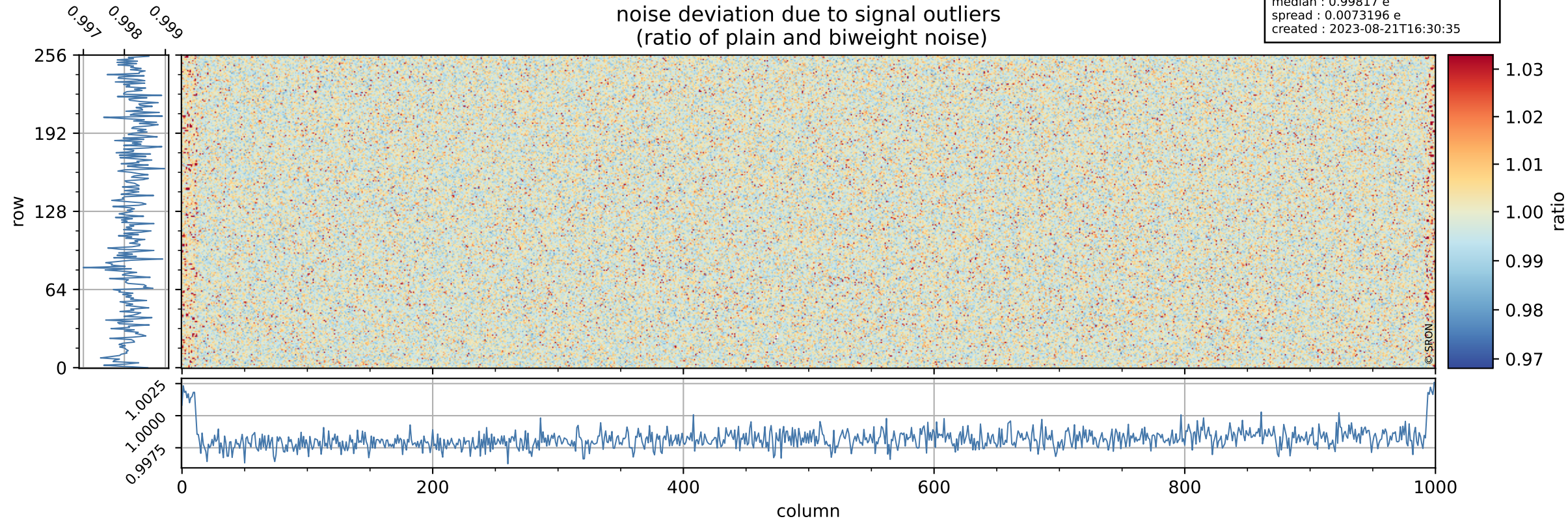
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

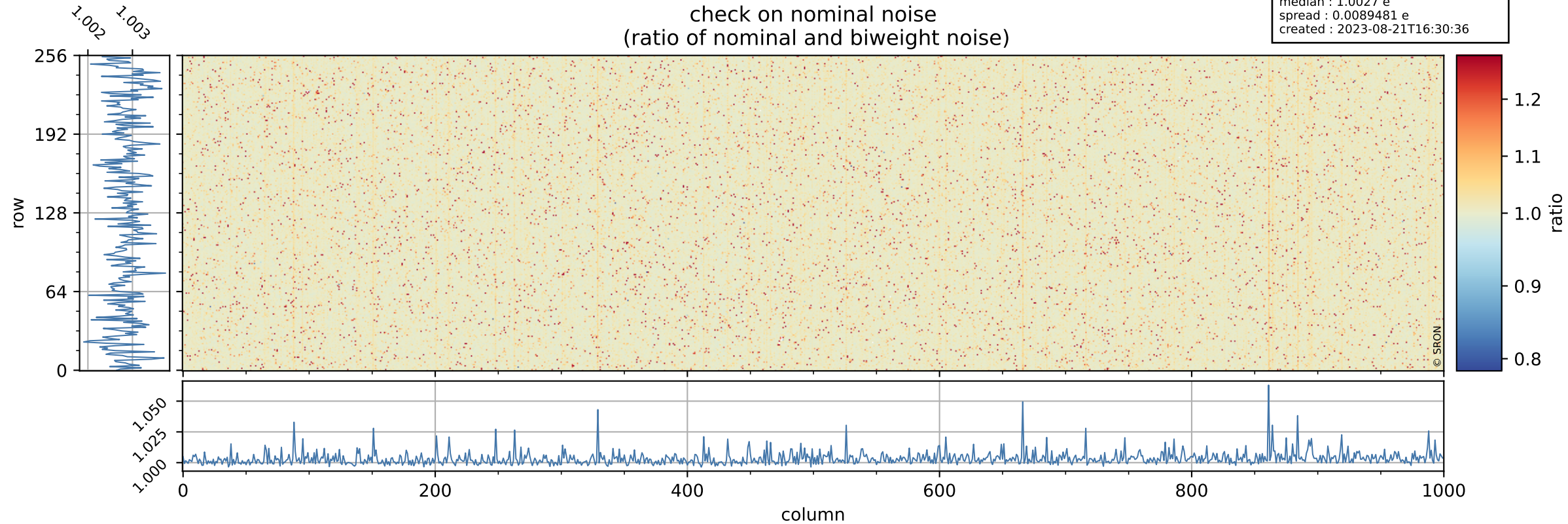
orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
median : 0.99817 e
spread : 0.0073196 e
created : 2023-08-21T16:30:35



Tropomi SWIR background noise (swir)

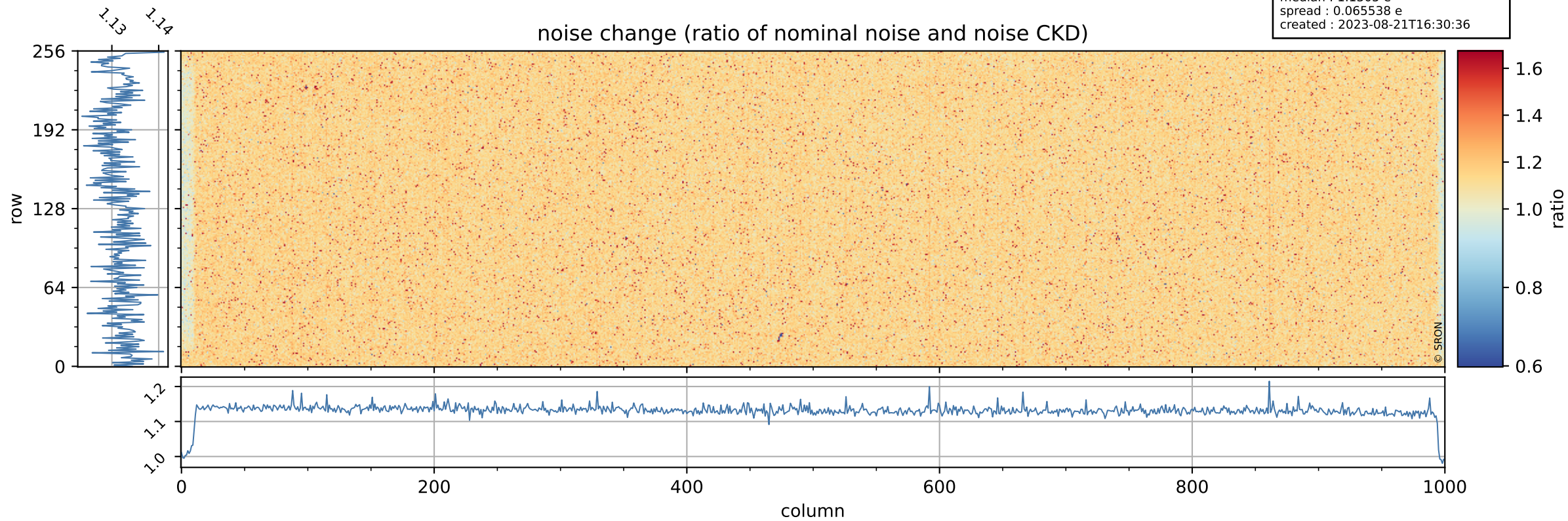
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
median : 1.0027 e
spread : 0.0089481 e
created : 2023-08-21T16:30:36



Tropomi SWIR background noise (swir)

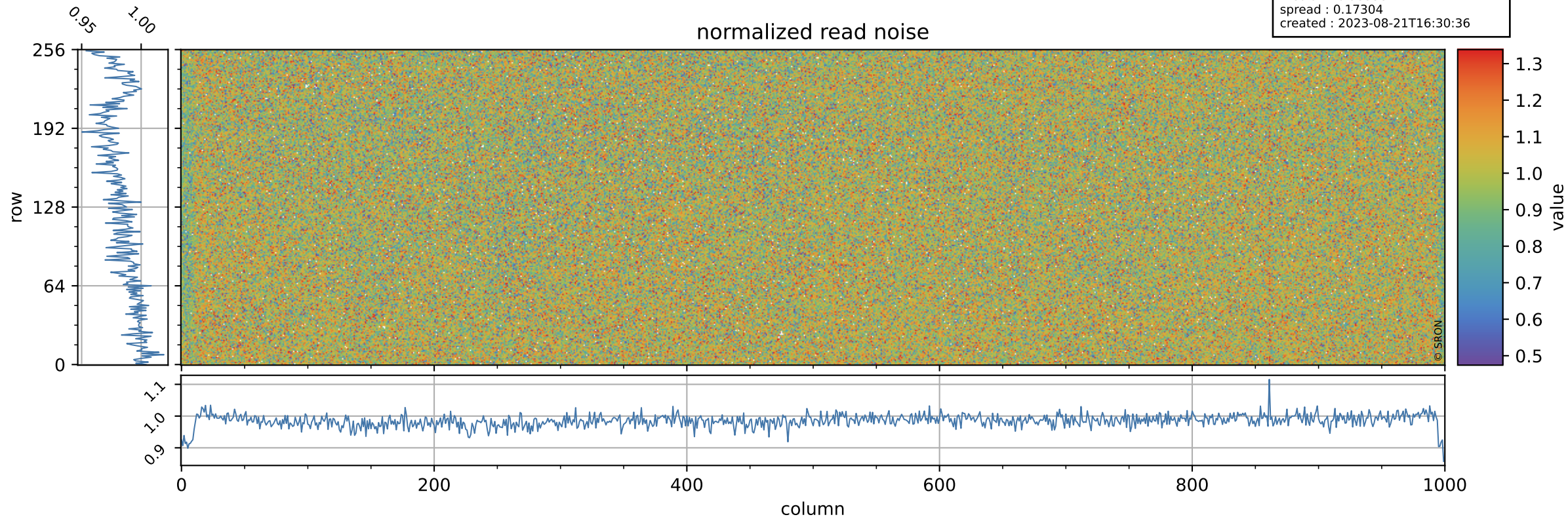
orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
median : 1.1305 e
spread : 0.065538 e
created : 2023-08-21T16:30:36



Tropomi SWIR background noise (swir)

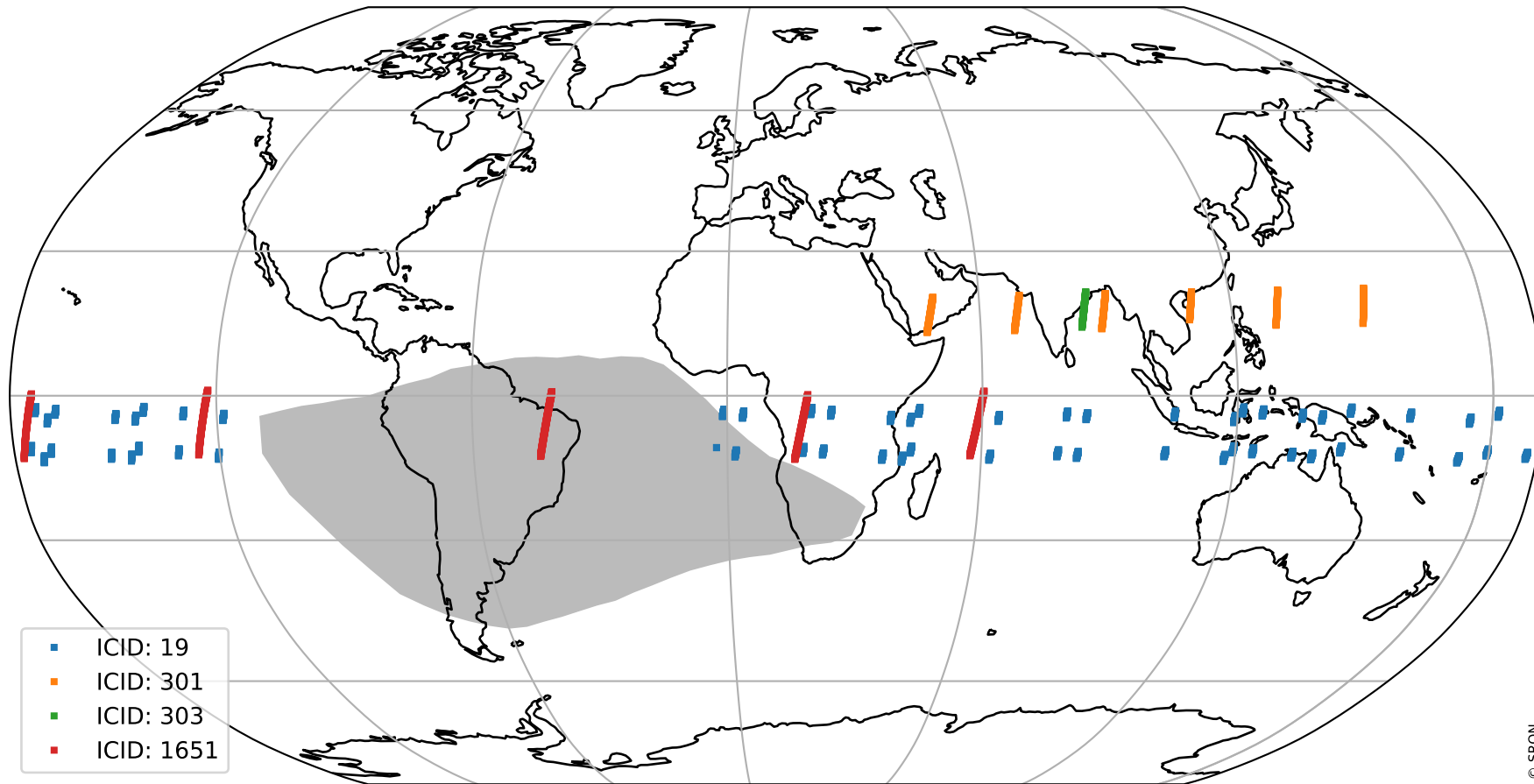
orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
median : 0.98338
spread : 0.17304
created : 2023-08-21T16:30:36

normalized read noise



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

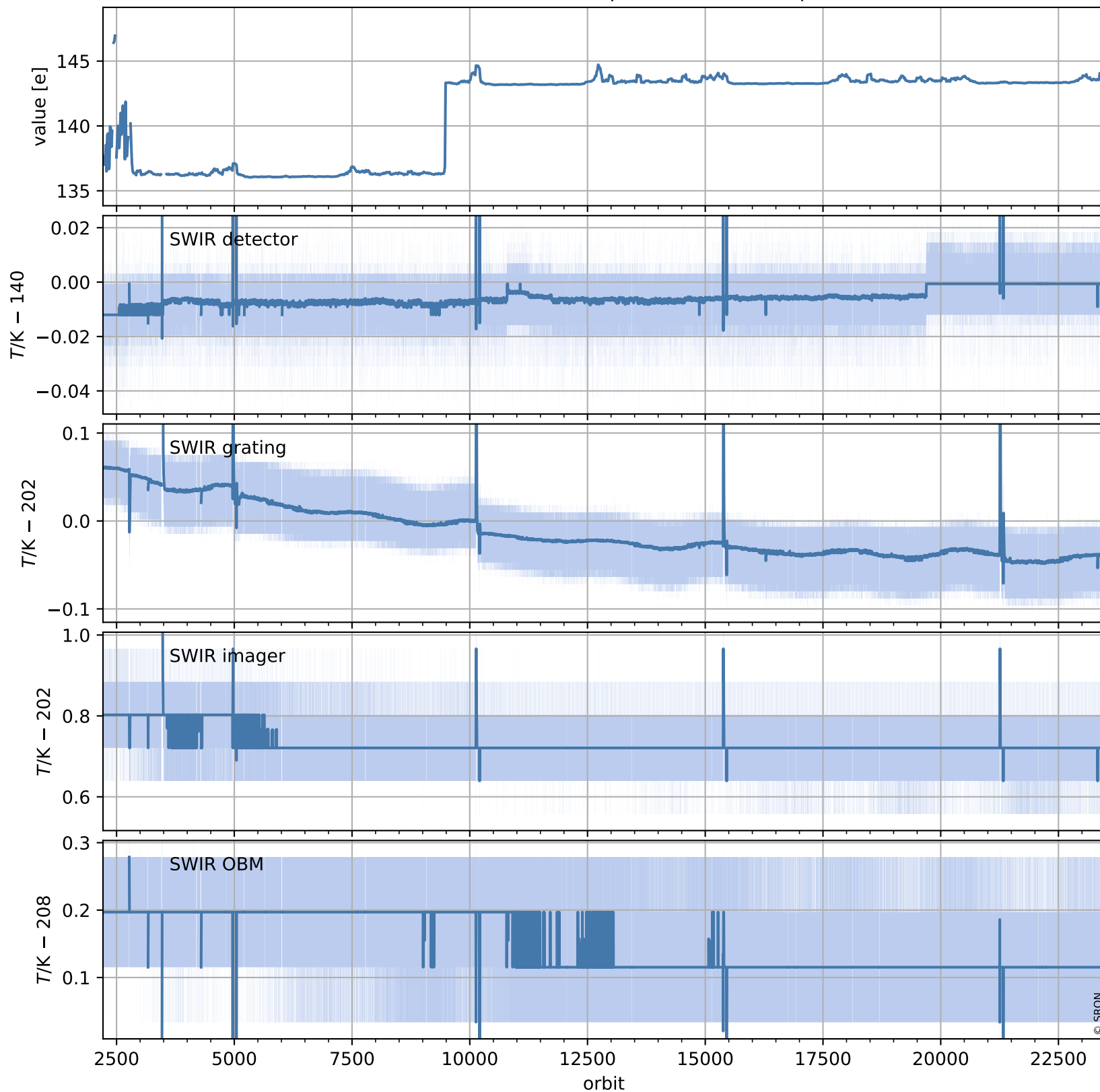
orbits : 12 in [23392, 23482]
coverage : 2022-04-19 / 2022-04-25
created : 2023-08-21T16:30:36



Tropomi SWIR background noise (swir)

orbits : [2212, 23482]
coverage : 2018-03-18 / 2022-04-25
created : 2023-08-21T16:30:37

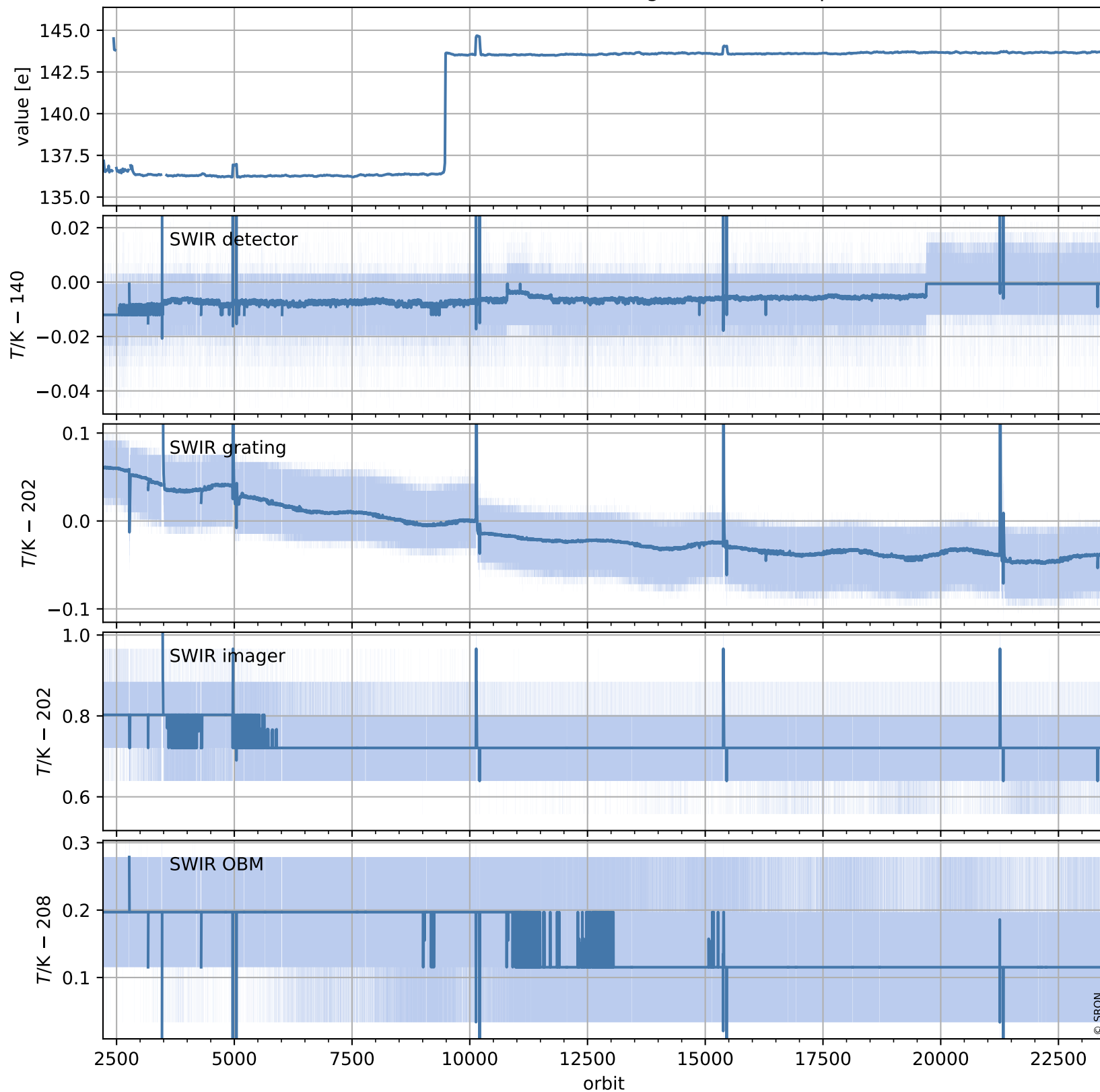
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23482]
coverage : 2018-03-18 / 2022-04-25
created : 2023-08-21T16:30:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23482]
coverage : 2018-03-18 / 2022-04-25
created : 2023-08-21T16:30:39

trend of normalized read-noise & temperatures

