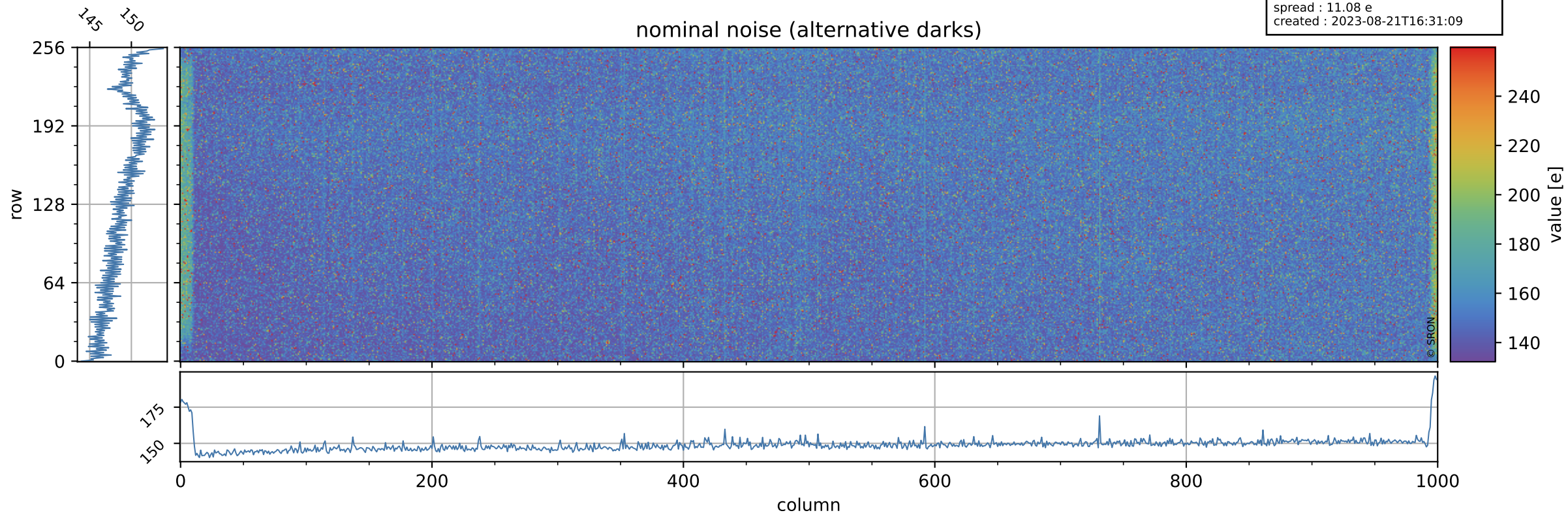


Tropomi SWIR background noise (swir)

orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.08 e
created : 2023-08-21T16:31:09

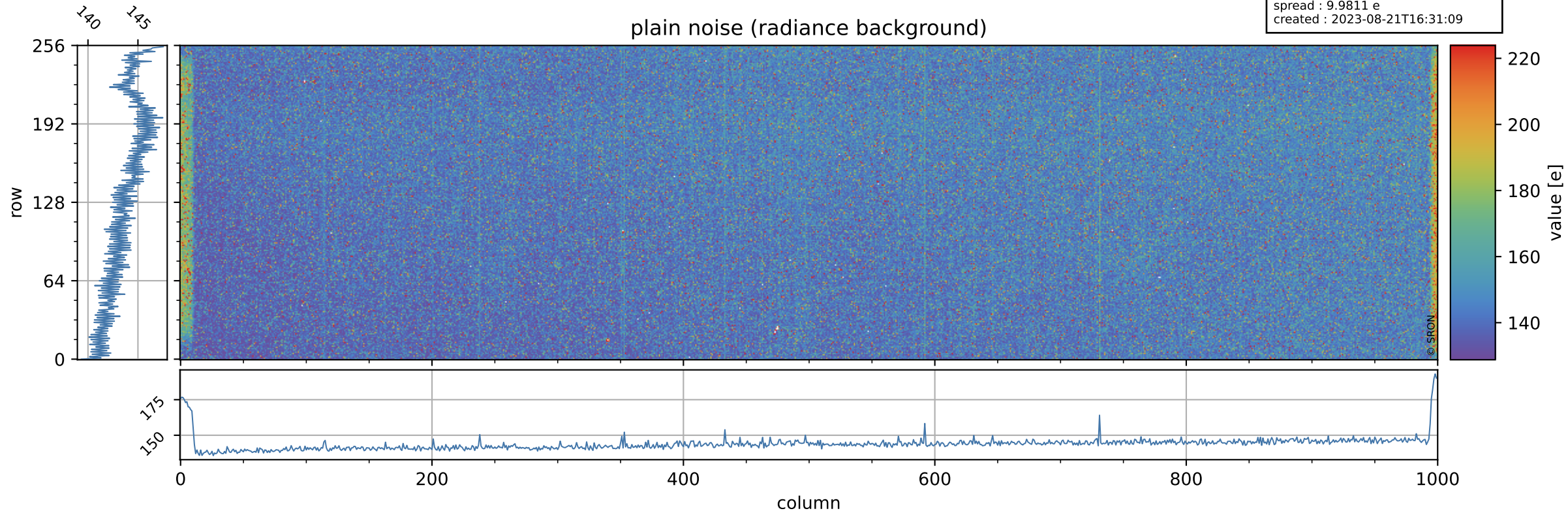
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9811 e
created : 2023-08-21T16:31:09

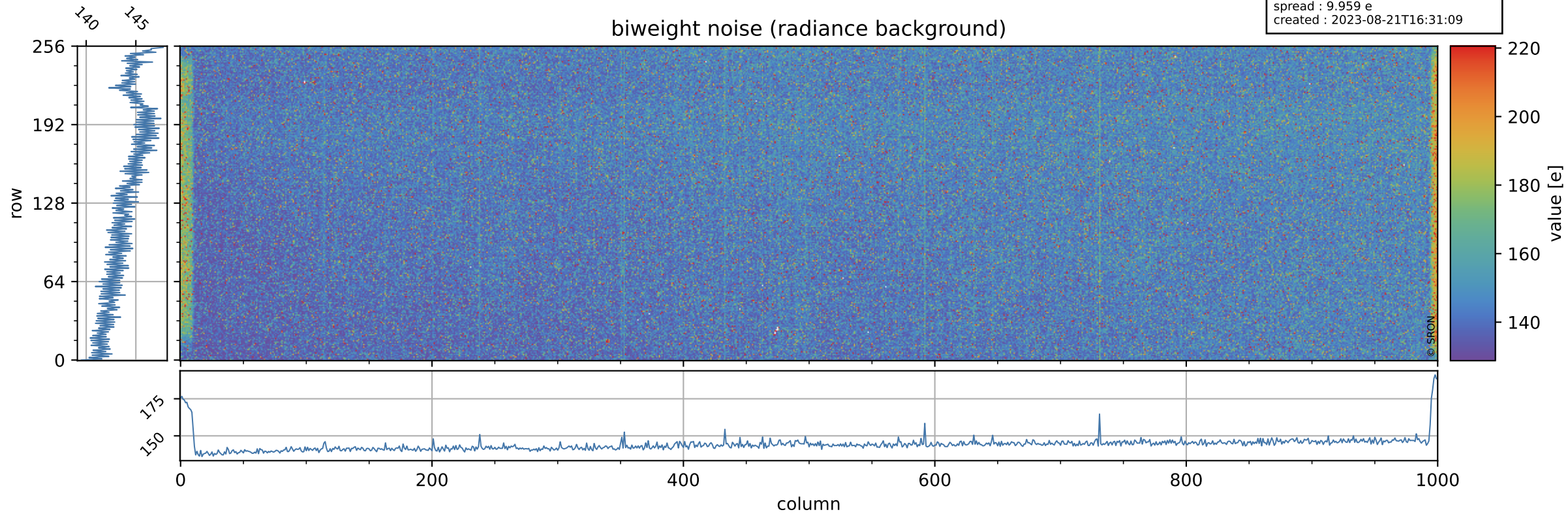
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.959 e
created : 2023-08-21T16:31:09

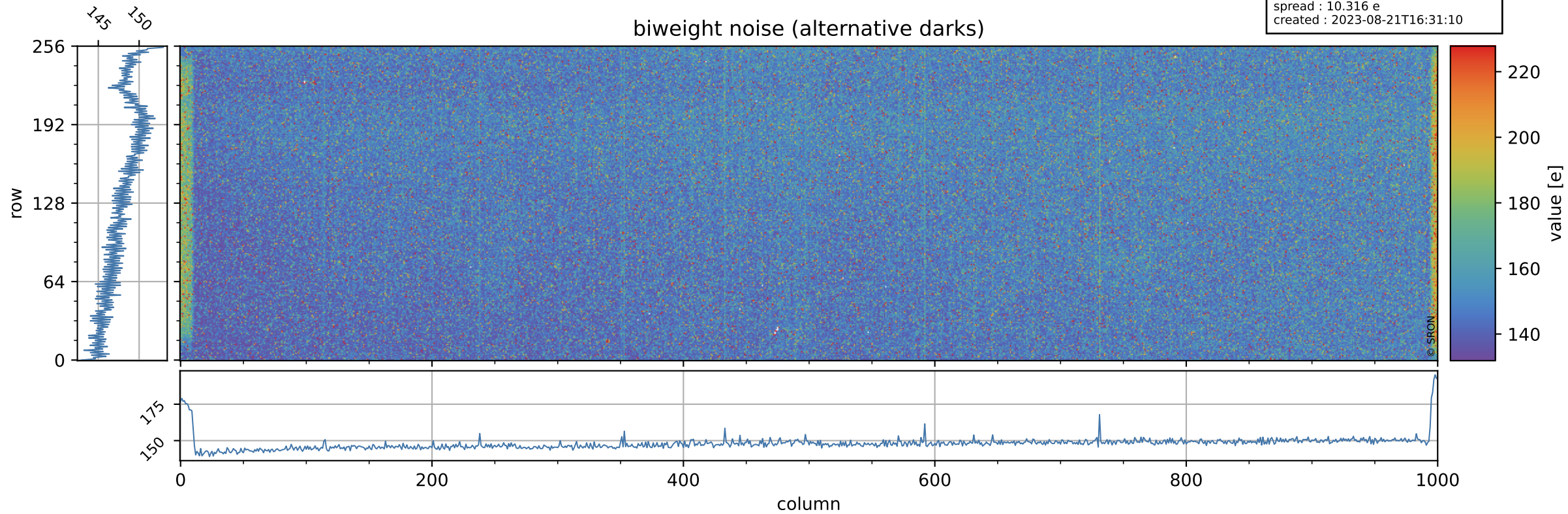
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.316 e
created : 2023-08-21T16:31:10

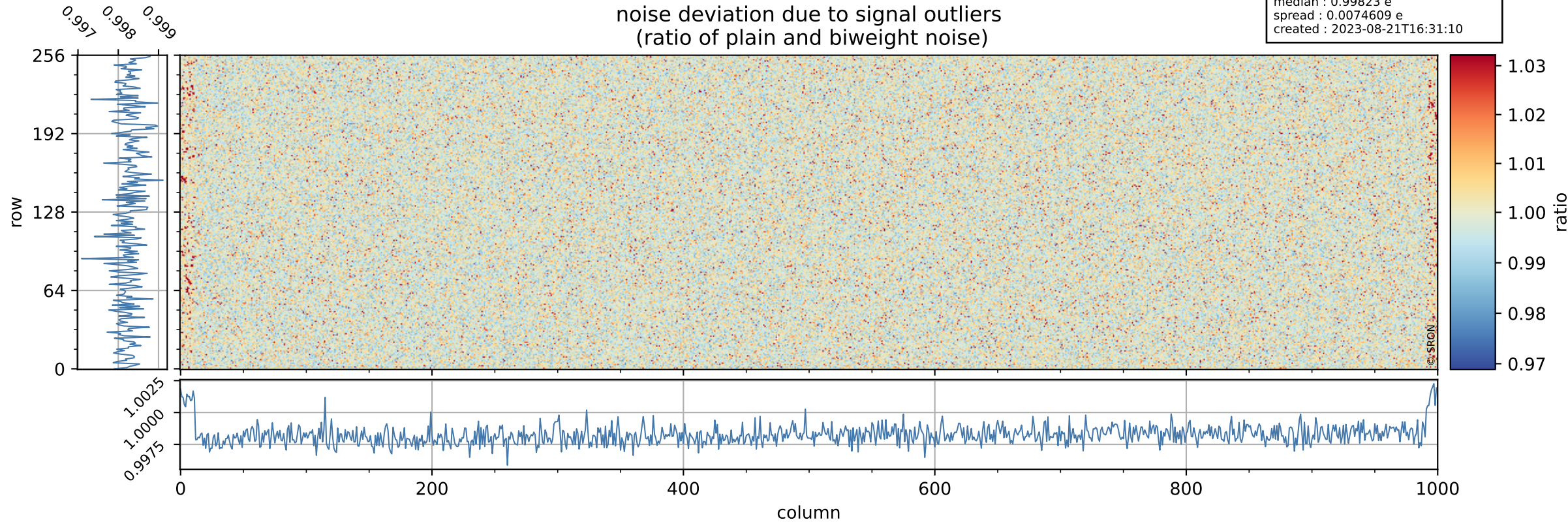
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

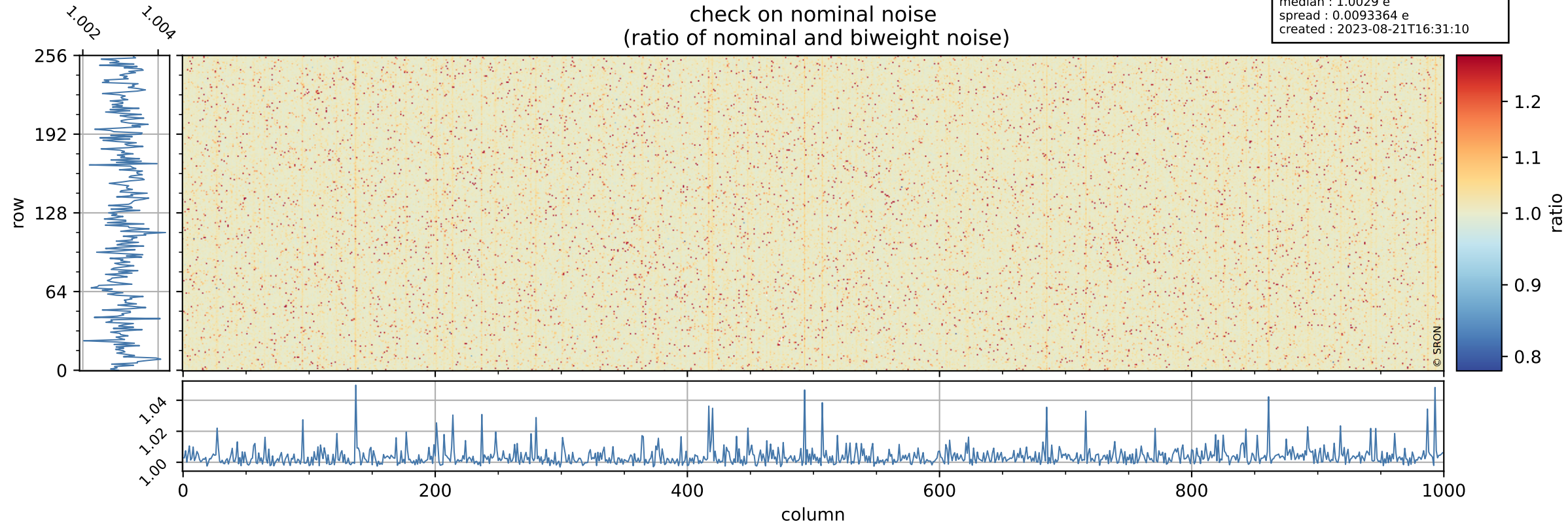
orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
median : 0.99823 e
spread : 0.0074609 e
created : 2023-08-21T16:31:10



Tropomi SWIR background noise (swir)

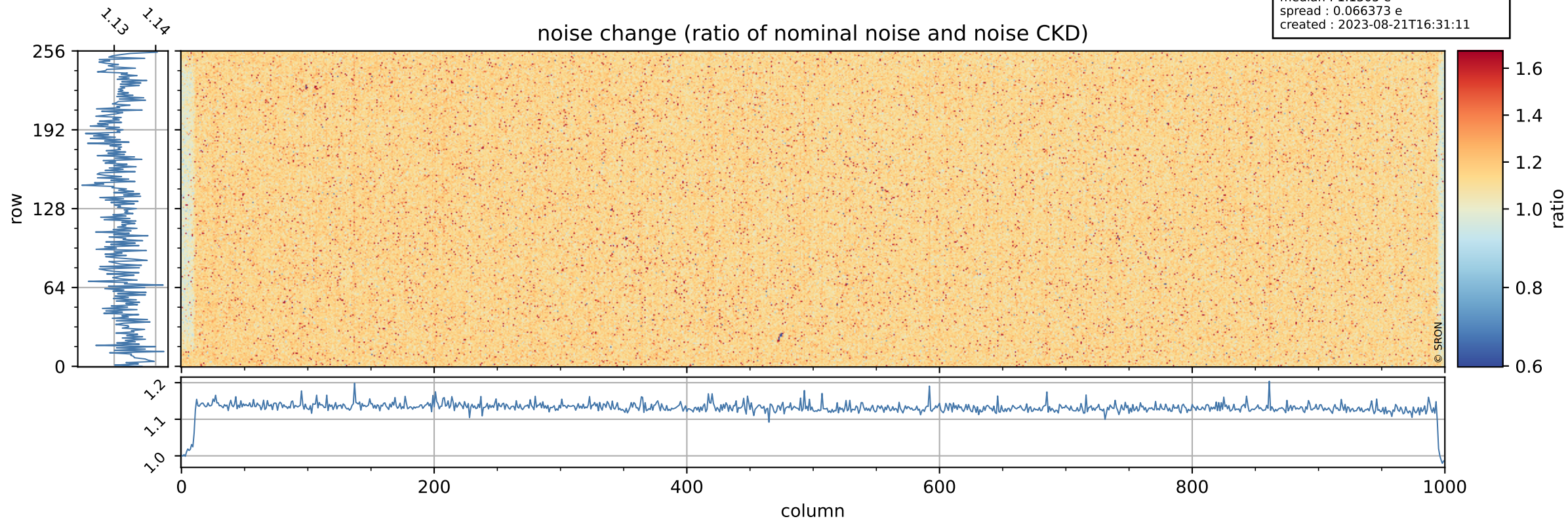
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
median : 1.0029 e
spread : 0.0093364 e
created : 2023-08-21T16:31:10



Tropomi SWIR background noise (swir)

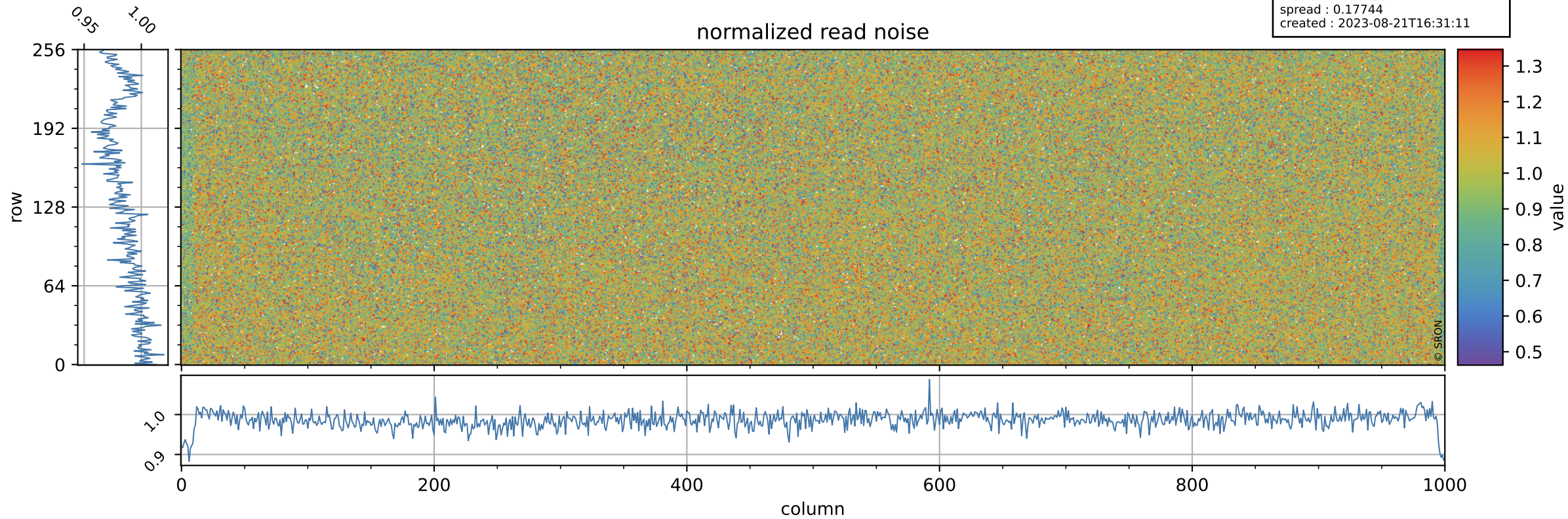
orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
median : 1.1305 e
spread : 0.066373 e
created : 2023-08-21T16:31:11



Tropomi SWIR background noise (swir)

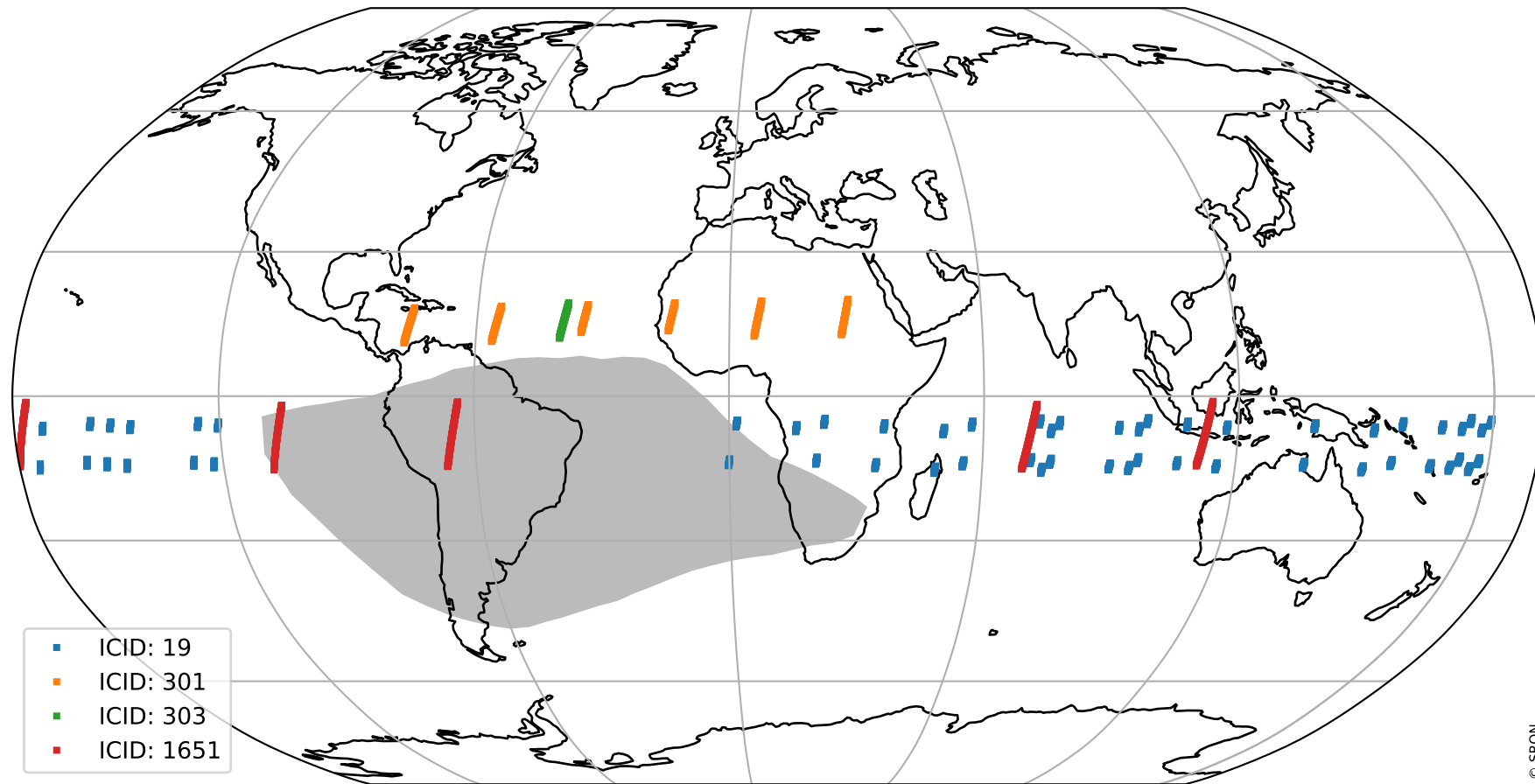
orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
median : 0.98438
spread : 0.17744
created : 2023-08-21T16:31:11

normalized read noise



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

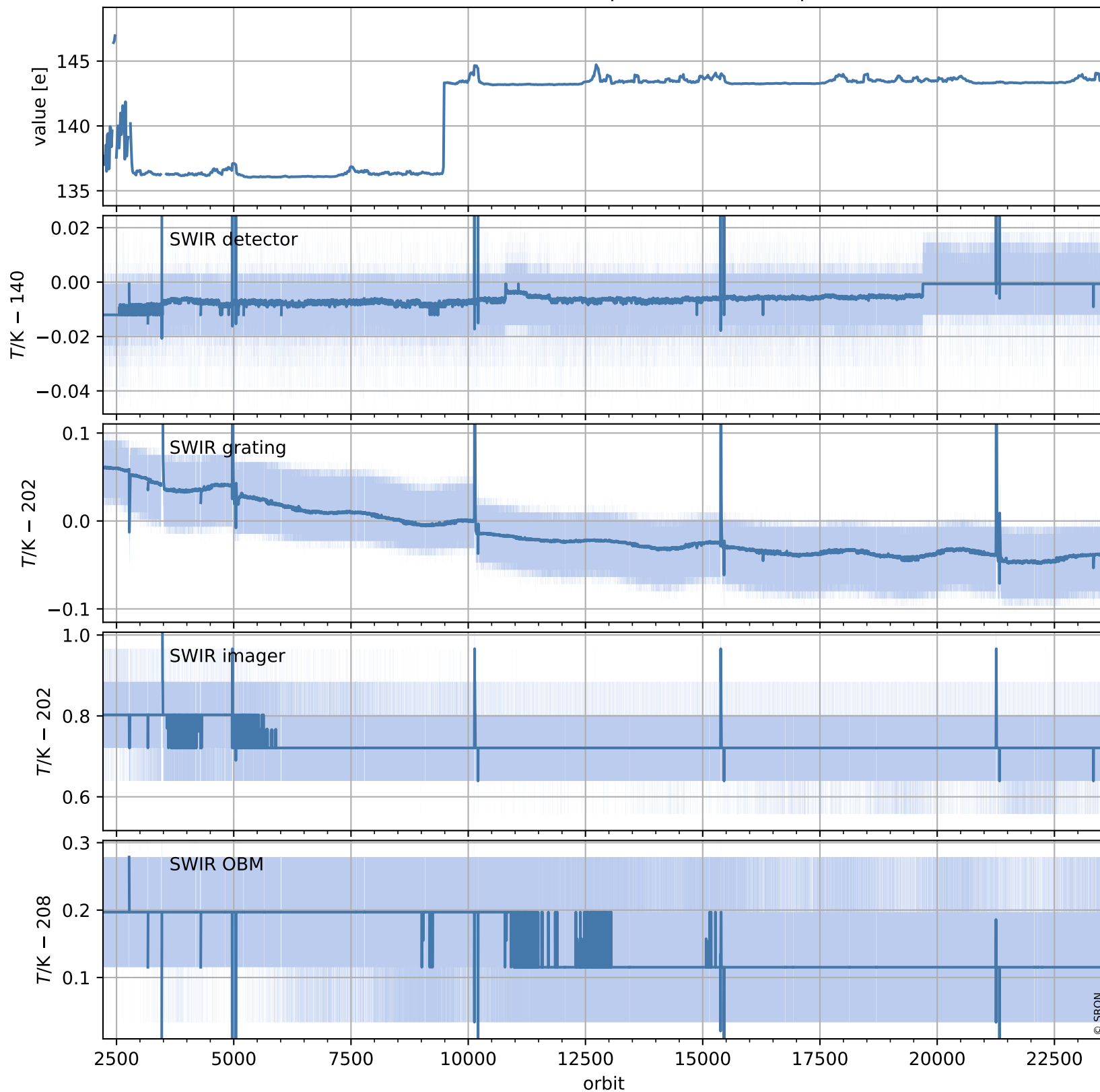
orbits : 12 in [23482, 23572]
coverage : 2022-04-25 / 2022-05-01
created : 2023-08-21T16:31:11



Tropomi SWIR background noise (swir)

orbits : [2212, 23572]
coverage : 2018-03-18 / 2022-05-01
created : 2023-08-21T16:31:12

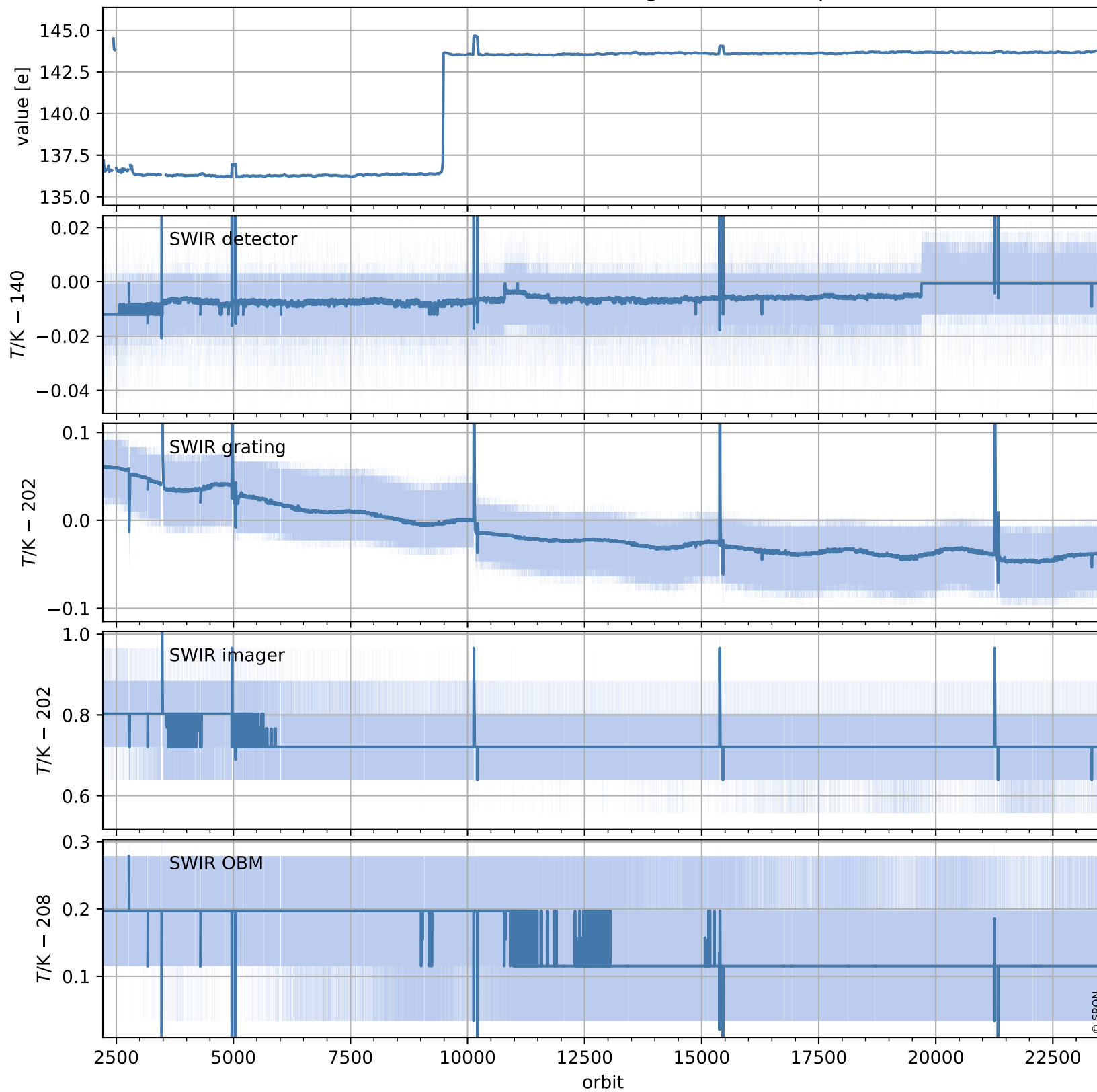
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23572]
coverage : 2018-03-18 / 2022-05-01
created : 2023-08-21T16:31:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23572]
coverage : 2018-03-18 / 2022-05-01
created : 2023-08-21T16:31:14

trend of normalized read-noise & temperatures

