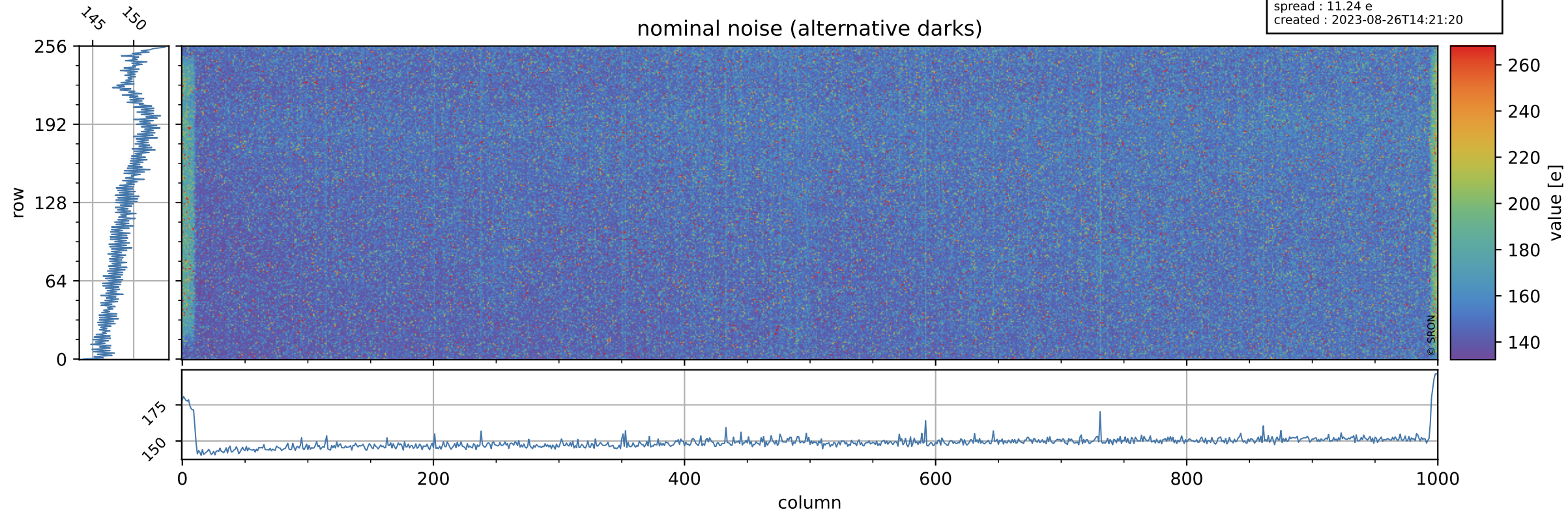


Tropomi SWIR background noise (swir)

orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
n_coad, t_exp : 1, 1.0783
median : 148.96 e
spread : 11.24 e
created : 2023-08-26T14:21:20

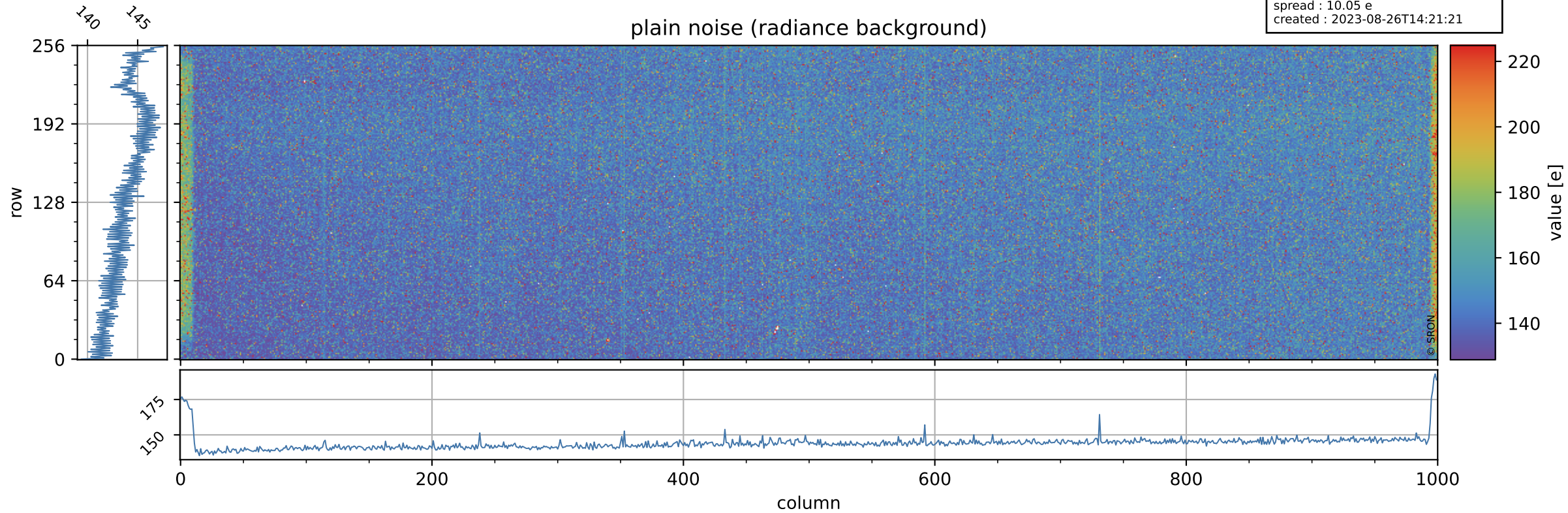
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.05 e
created : 2023-08-26T14:21:21

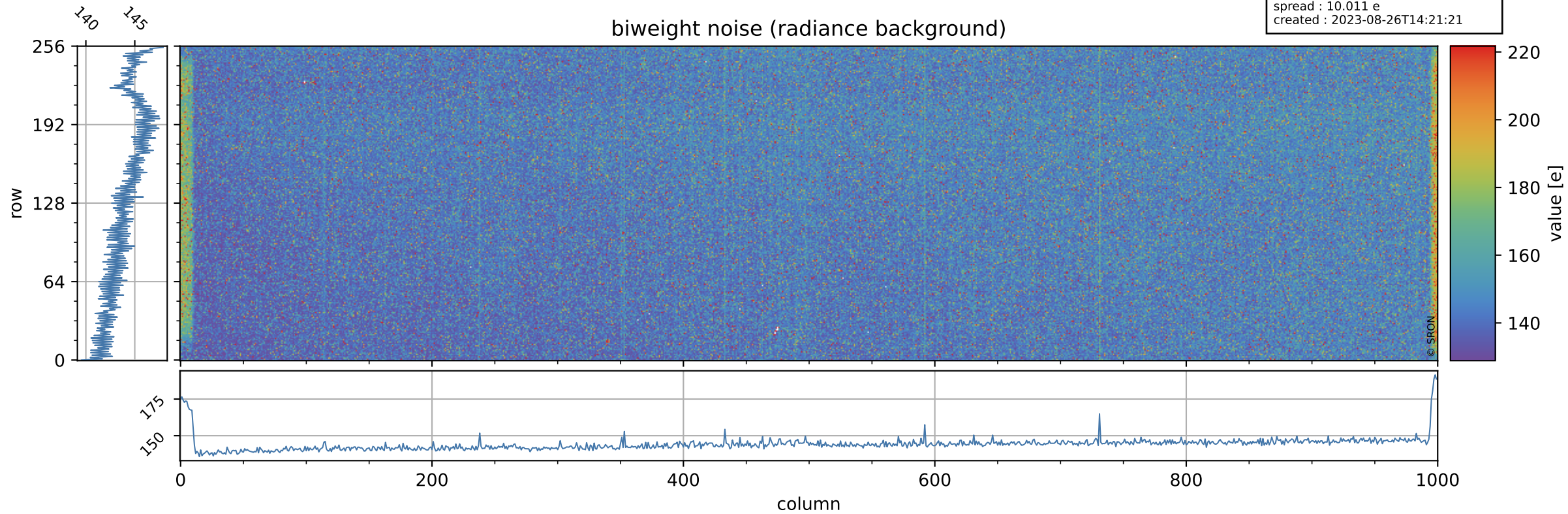
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 10.011 e
created : 2023-08-26T14:21:21

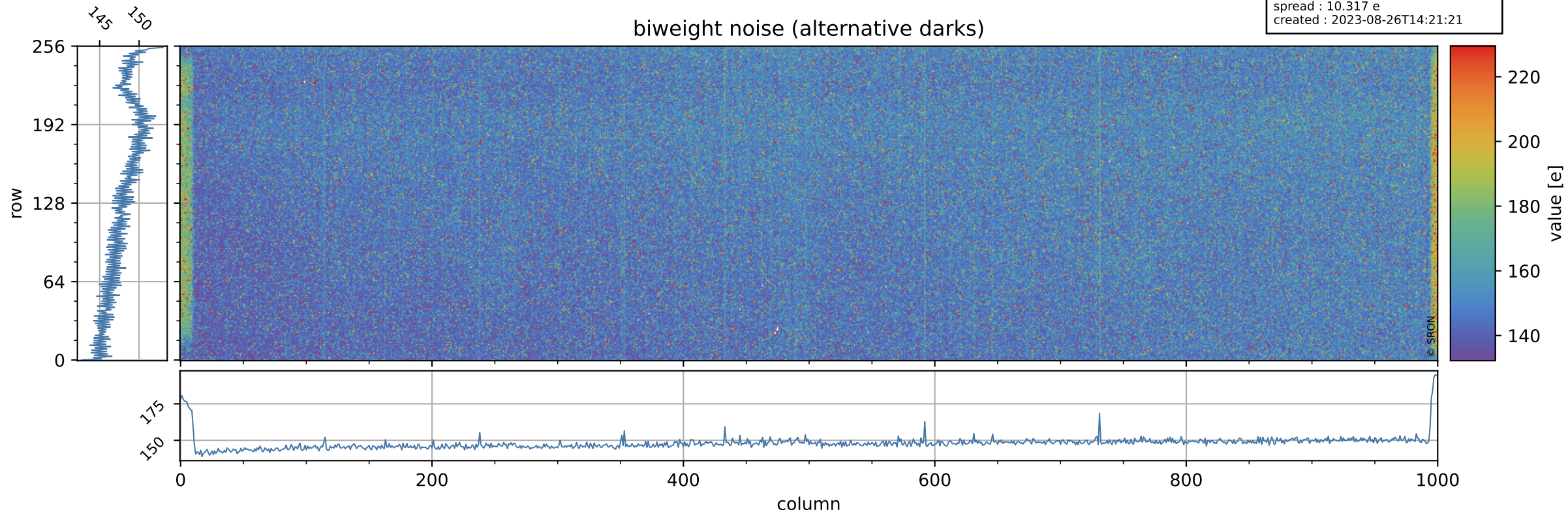
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.317 e
created : 2023-08-26T14:21:21

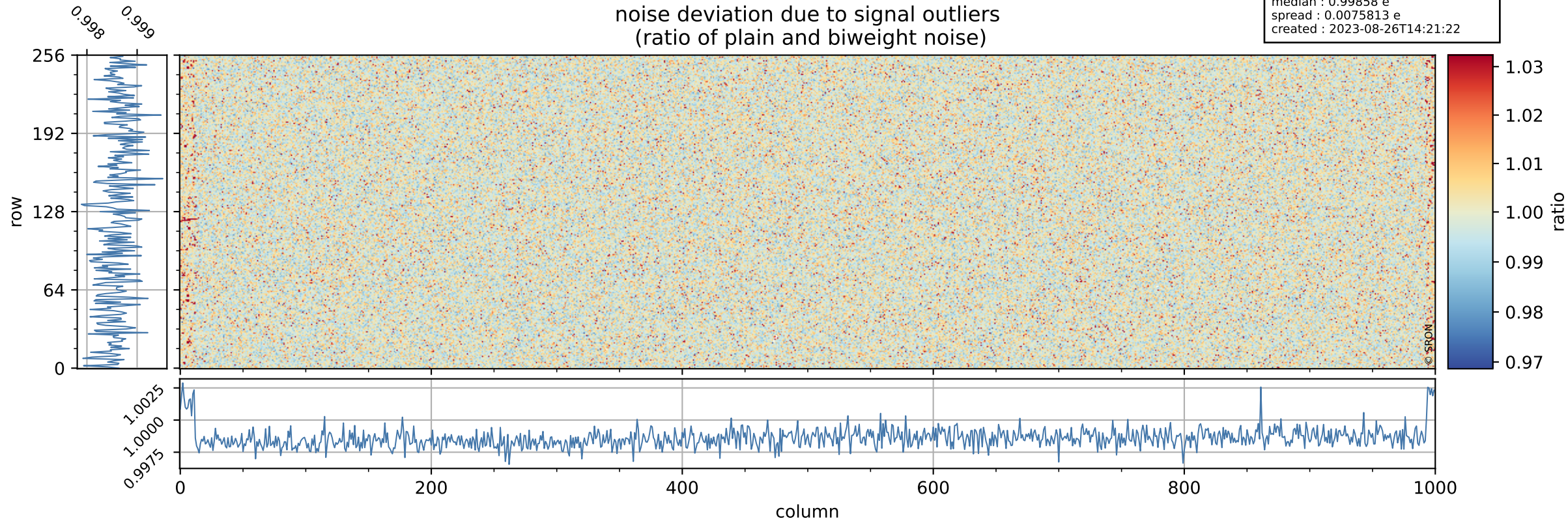
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

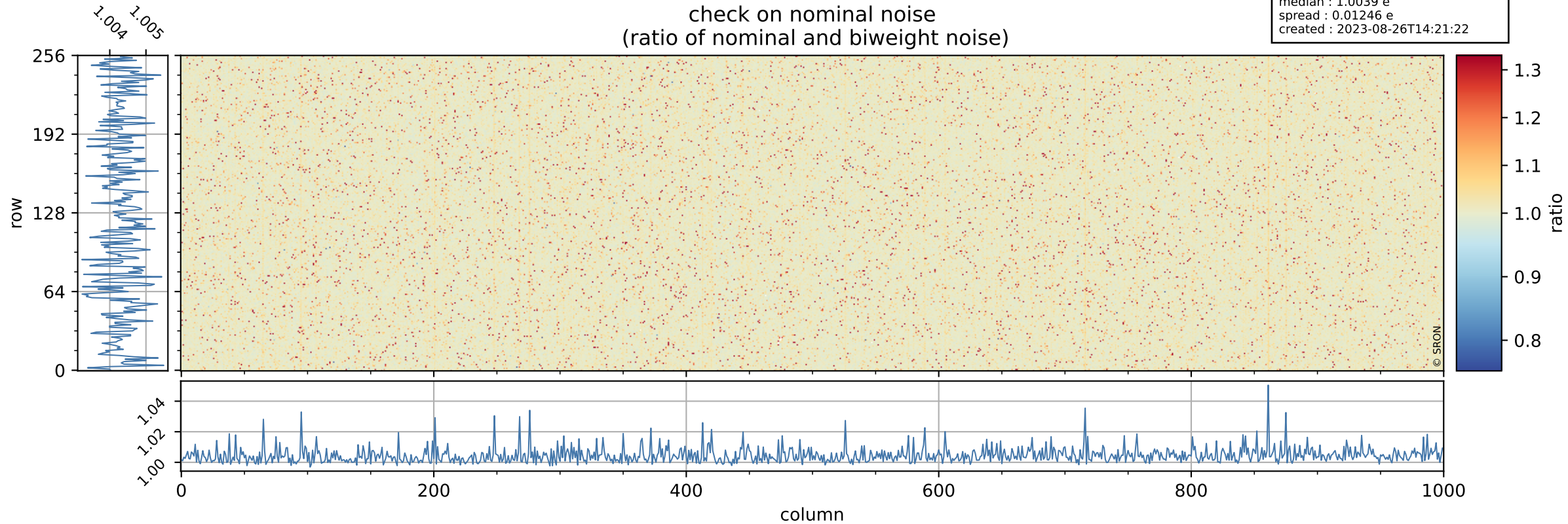
orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
median : 0.99858 e
spread : 0.0075813 e
created : 2023-08-26T14:21:22



Tropomi SWIR background noise (swir)

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

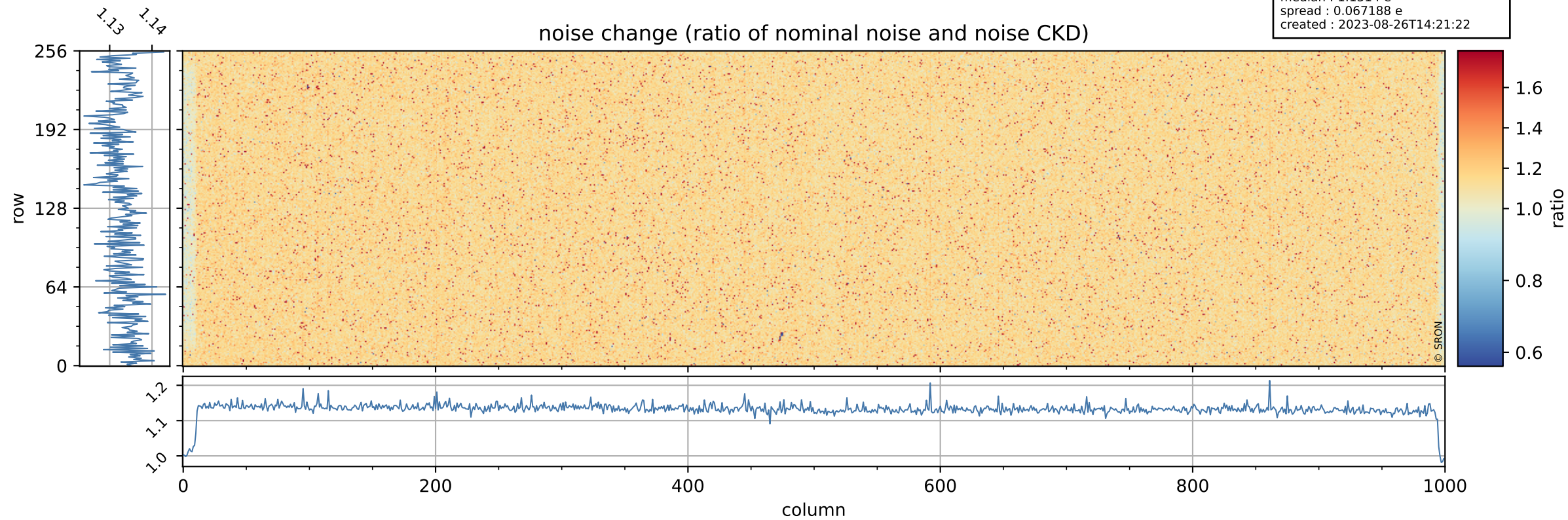
orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
median : 1.0039 e
spread : 0.01246 e
created : 2023-08-26T14:21:22



Tropomi SWIR background noise (swir)

orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
median : 1.1314 e
spread : 0.067188 e
created : 2023-08-26T14:21:22

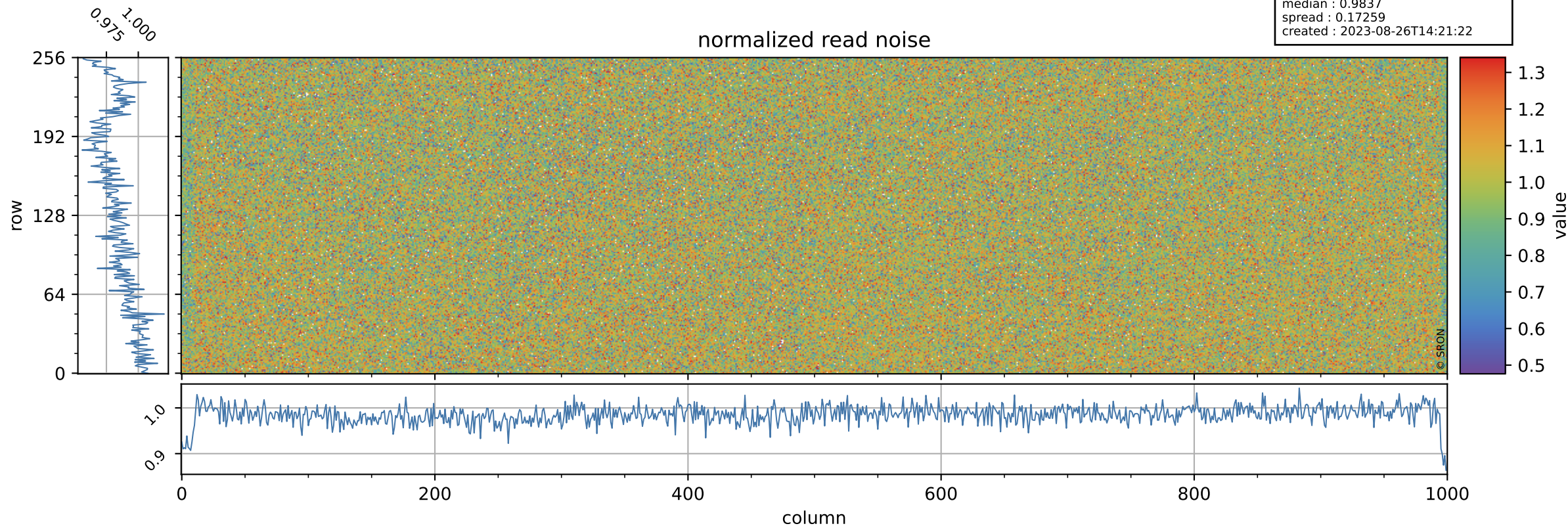
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

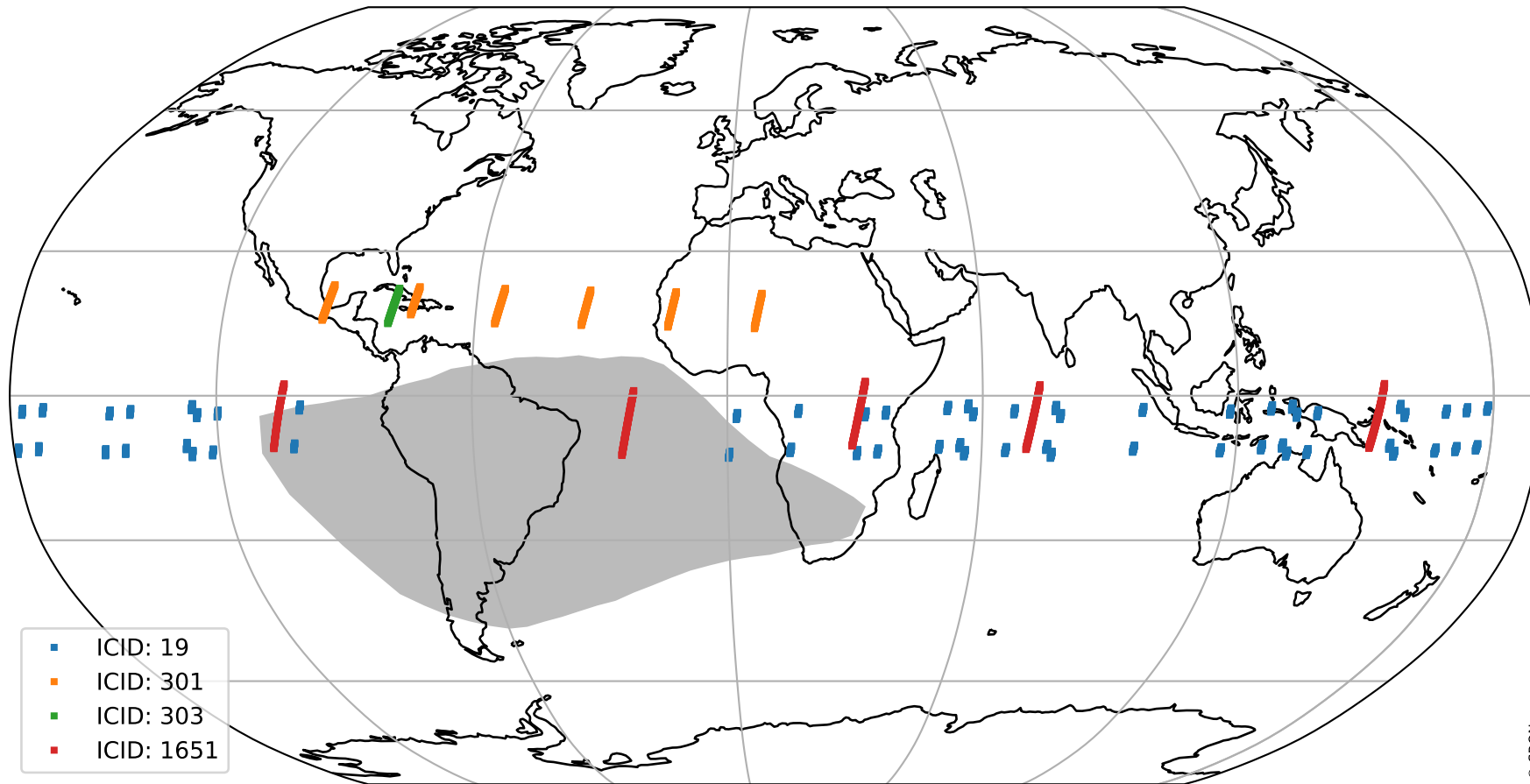
orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
median : 0.9837
spread : 0.17259
created : 2023-08-26T14:21:22

normalized read noise



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

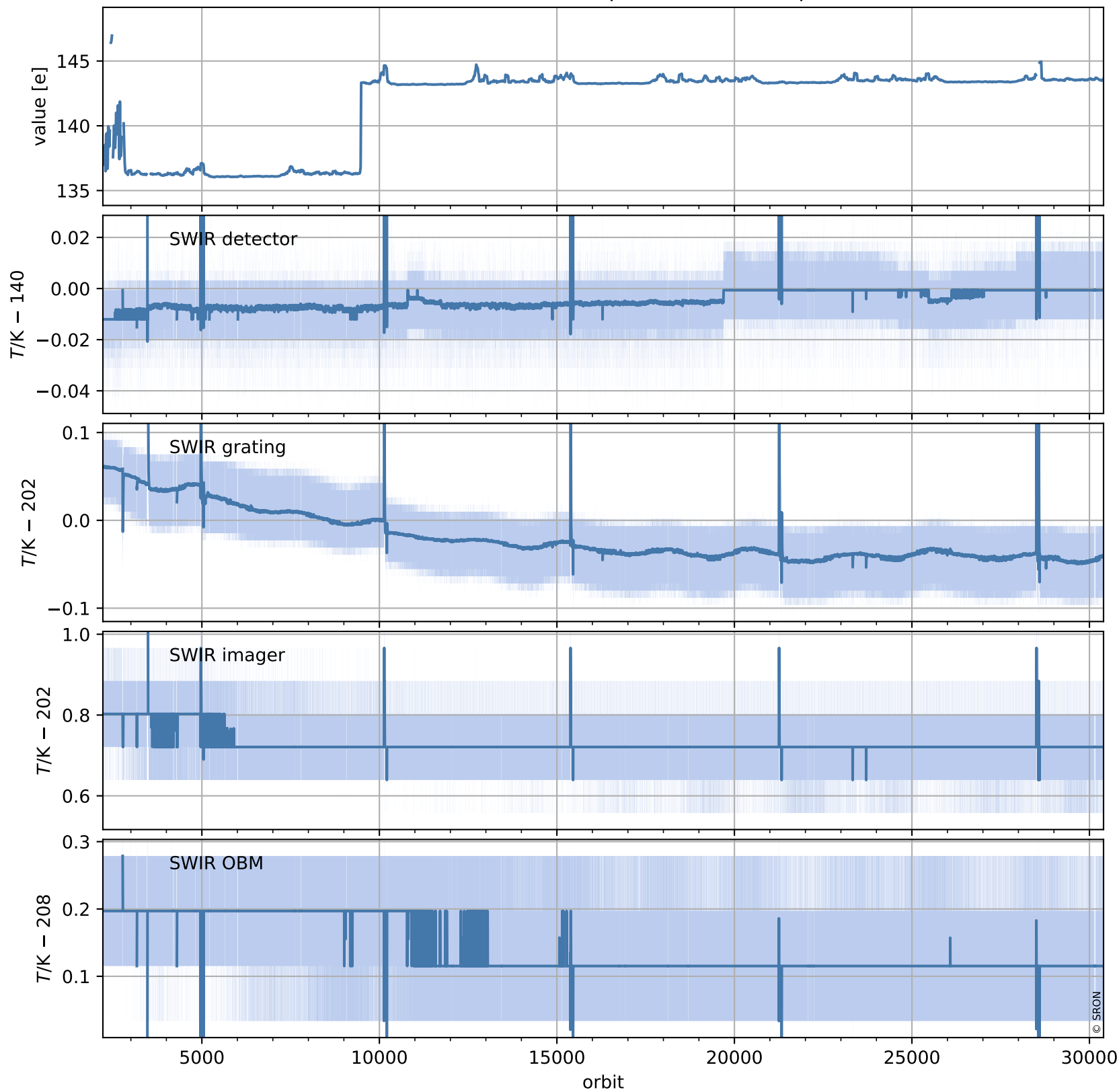
orbits : 12 in [30307, 30397]
coverage : 2023-08-19 / 2023-08-25
created : 2023-08-26T14:21:23



Tropomi SWIR background noise (swir)

orbits : [2212, 30397]
coverage : 2018-03-18 / 2023-08-25
created : 2023-08-26T14:21:23

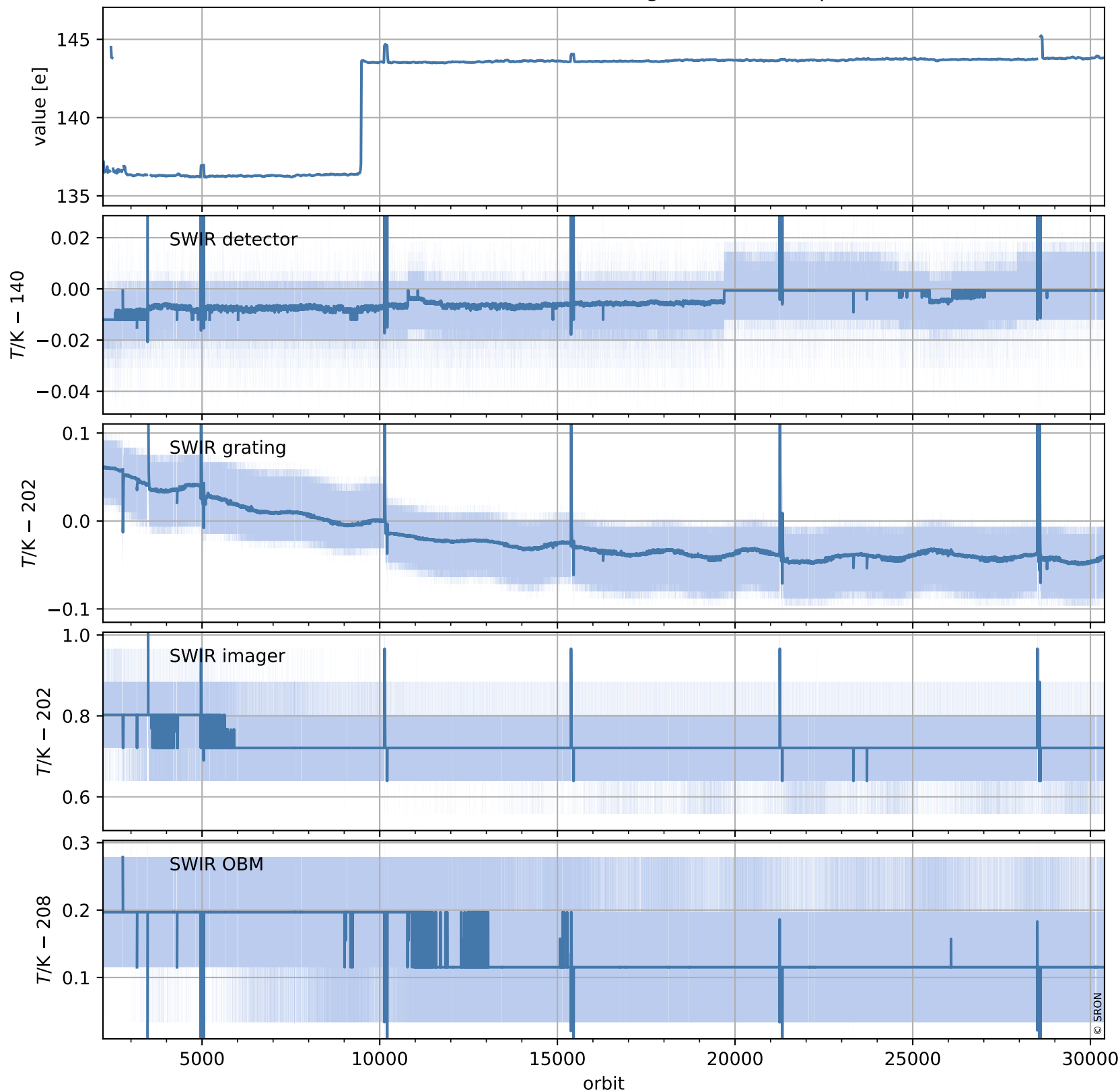
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30397]
coverage : 2018-03-18 / 2023-08-25
created : 2023-08-26T14:21:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30397]
coverage : 2018-03-18 / 2023-08-25
created : 2023-08-26T14:21:25

trend of normalized read-noise & temperatures

