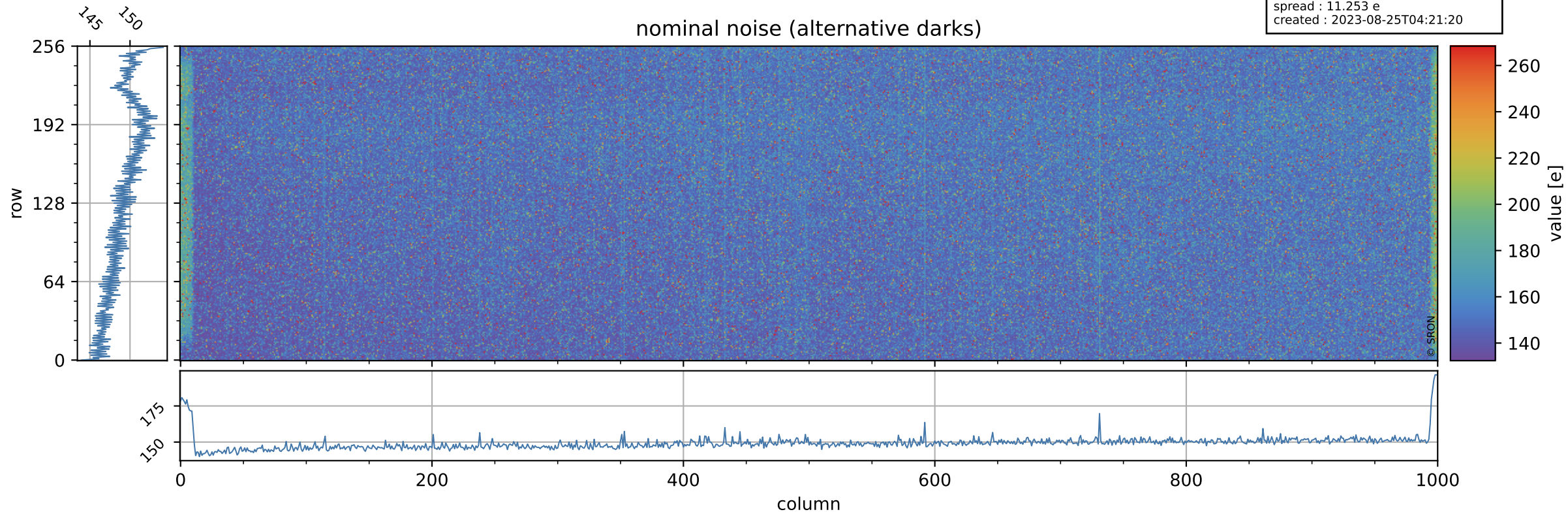


Tropomi SWIR background noise (swir)

orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
n_coad, t_exp : 1, 1.0783
median : 149.02 e
spread : 11.253 e
created : 2023-08-25T04:21:20

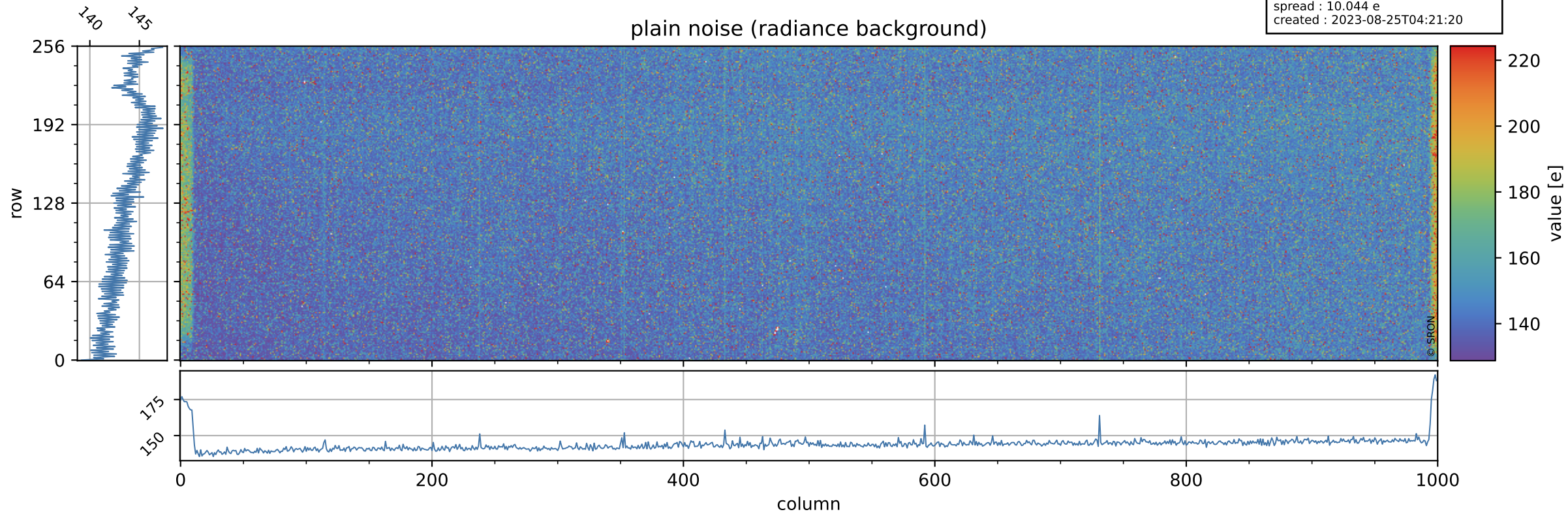
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 10.044 e
created : 2023-08-25T04:21:20

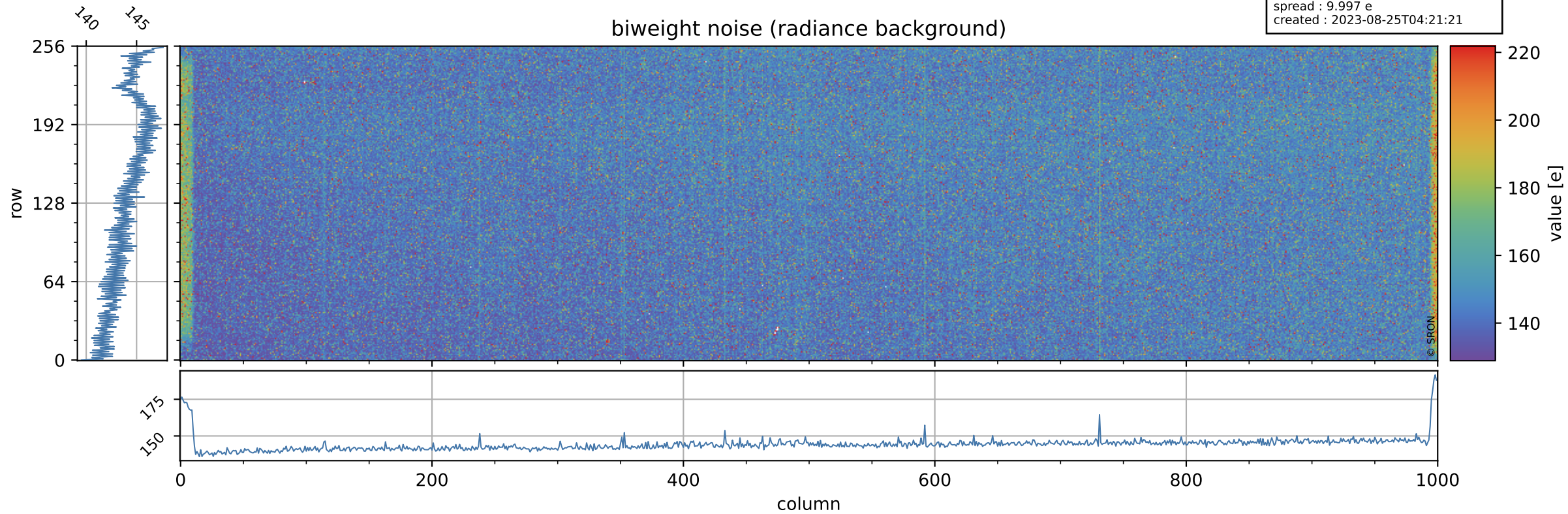
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 9.997 e
created : 2023-08-25T04:21:21

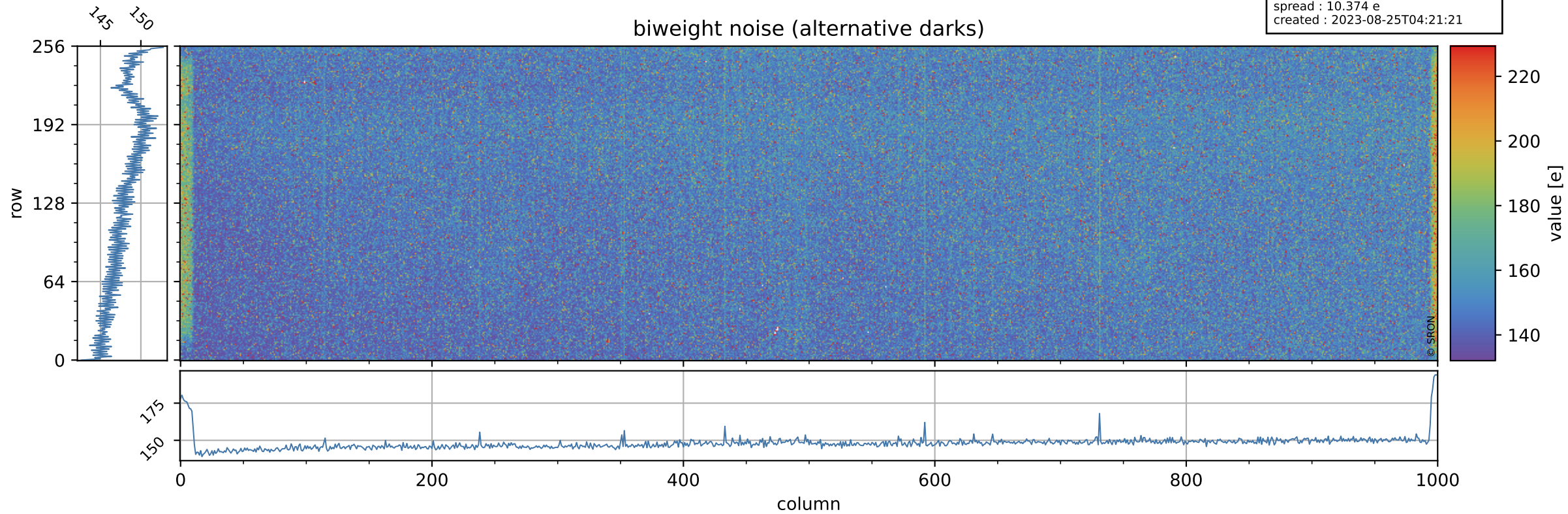
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.374 e
created : 2023-08-25T04:21:21

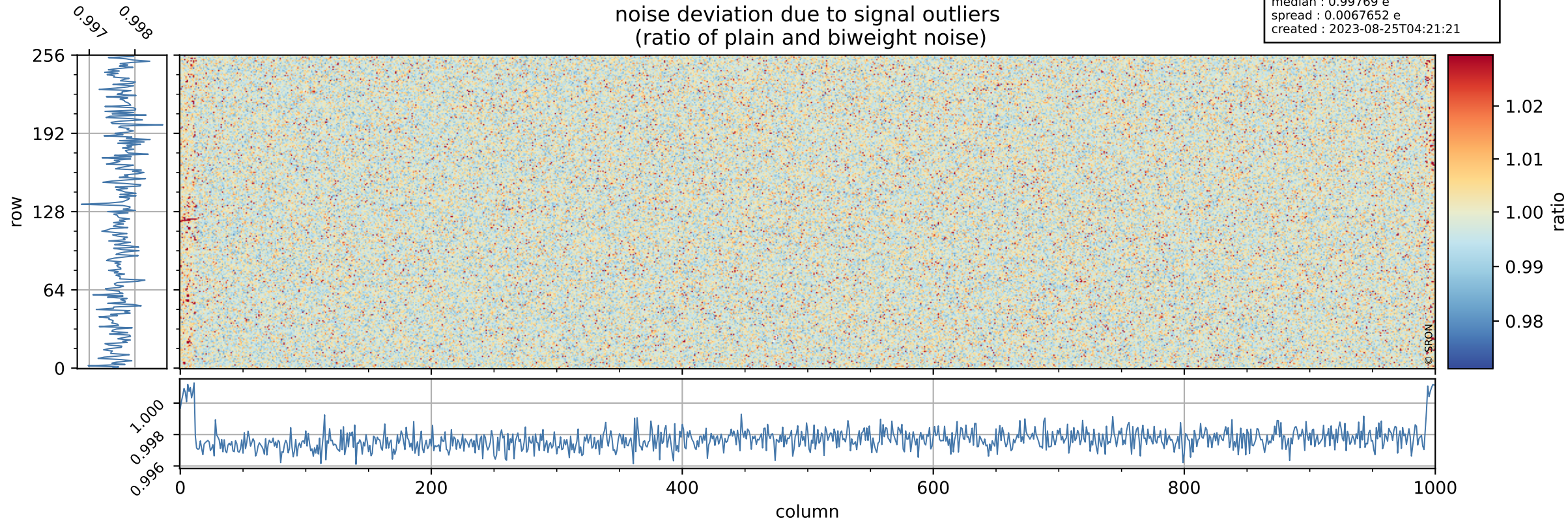
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

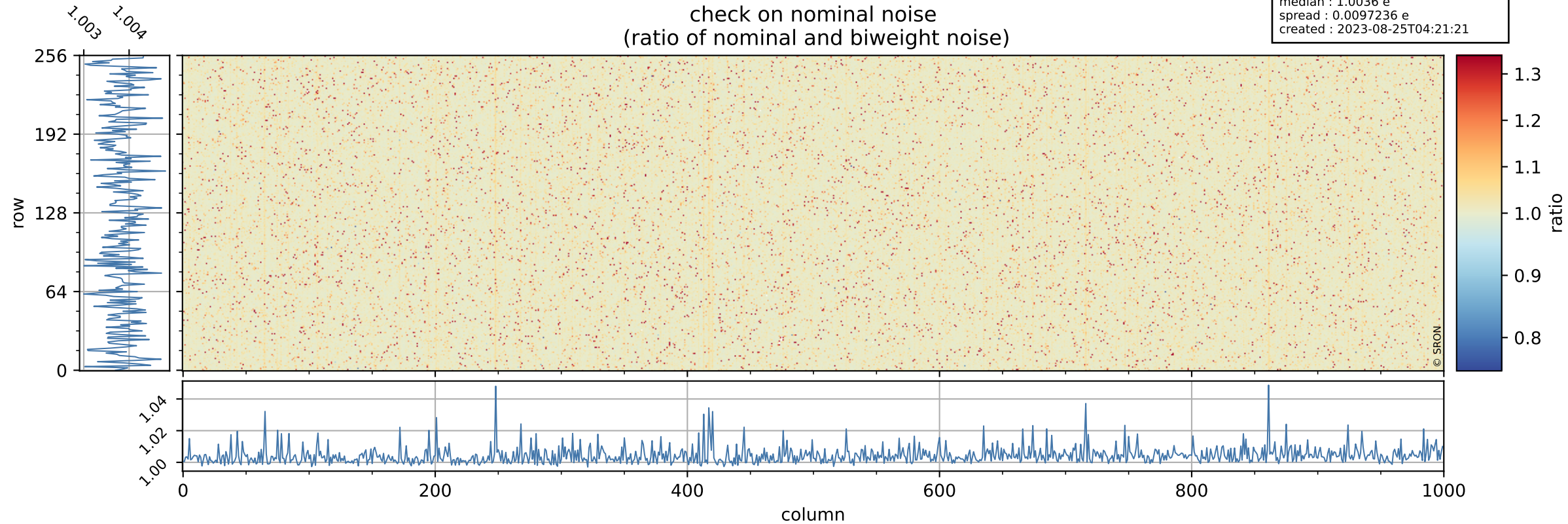
orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
median : 0.99769 e
spread : 0.0067652 e
created : 2023-08-25T04:21:21



Tropomi SWIR background noise (swir)

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

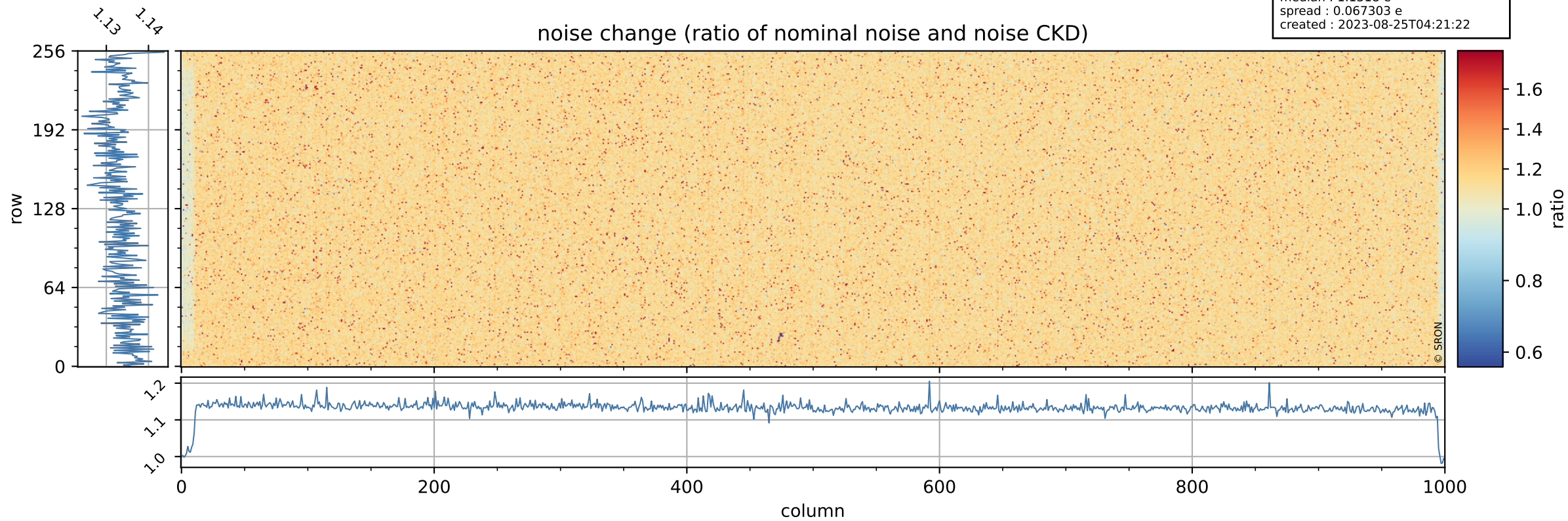
orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
median : 1.0036 e
spread : 0.0097236 e
created : 2023-08-25T04:21:21



Tropomi SWIR background noise (swir)

orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
median : 1.1318 e
spread : 0.067303 e
created : 2023-08-25T04:21:22

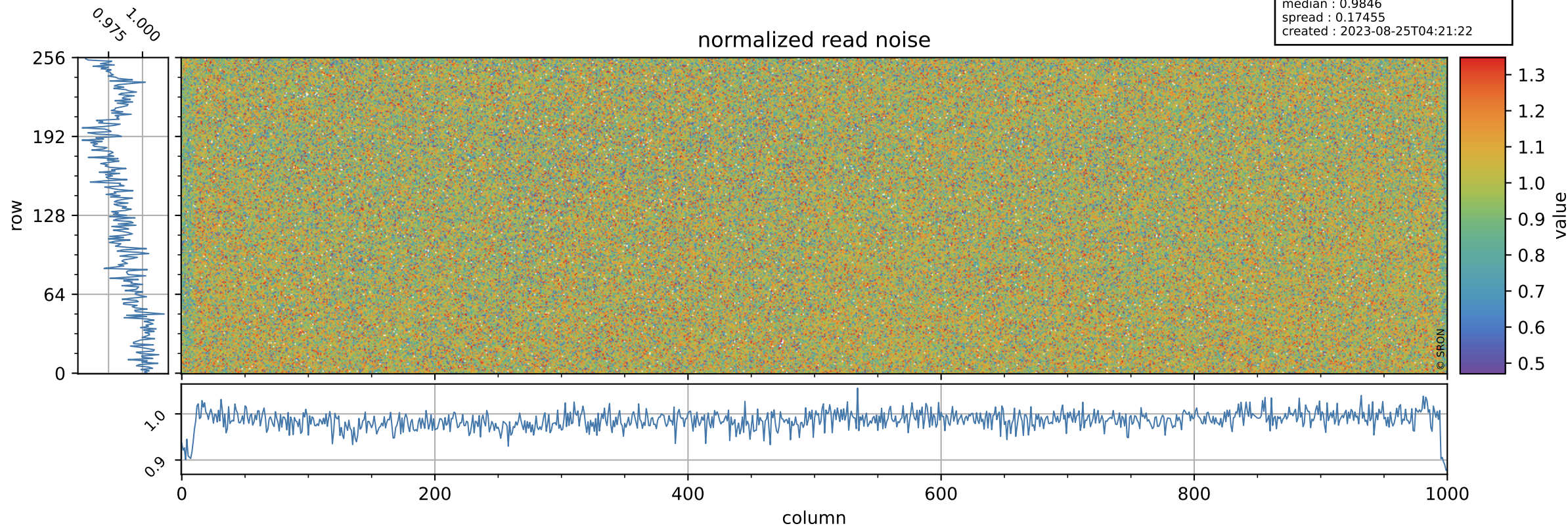
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

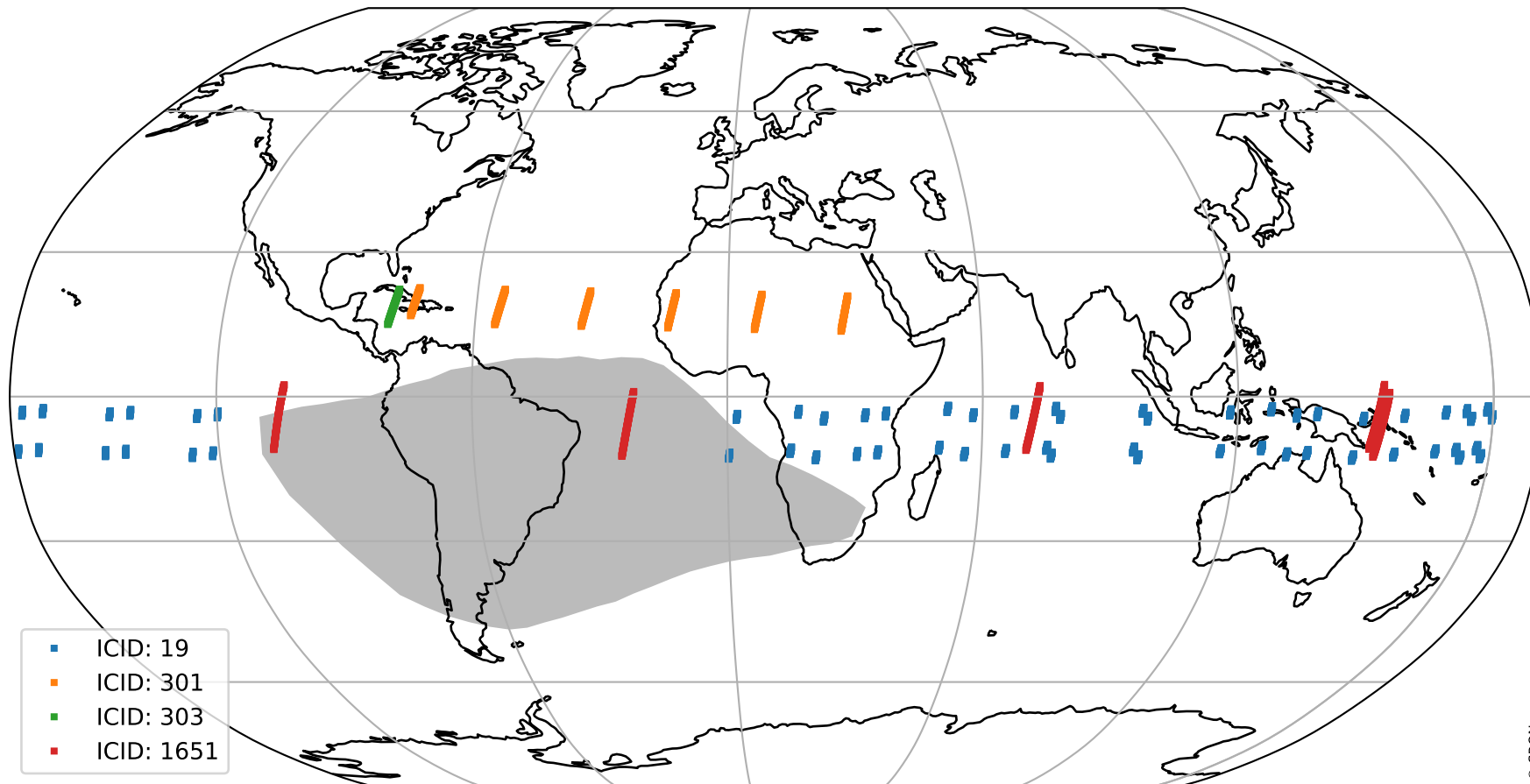
orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
median : 0.9846
spread : 0.17455
created : 2023-08-25T04:21:22

normalized read noise



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

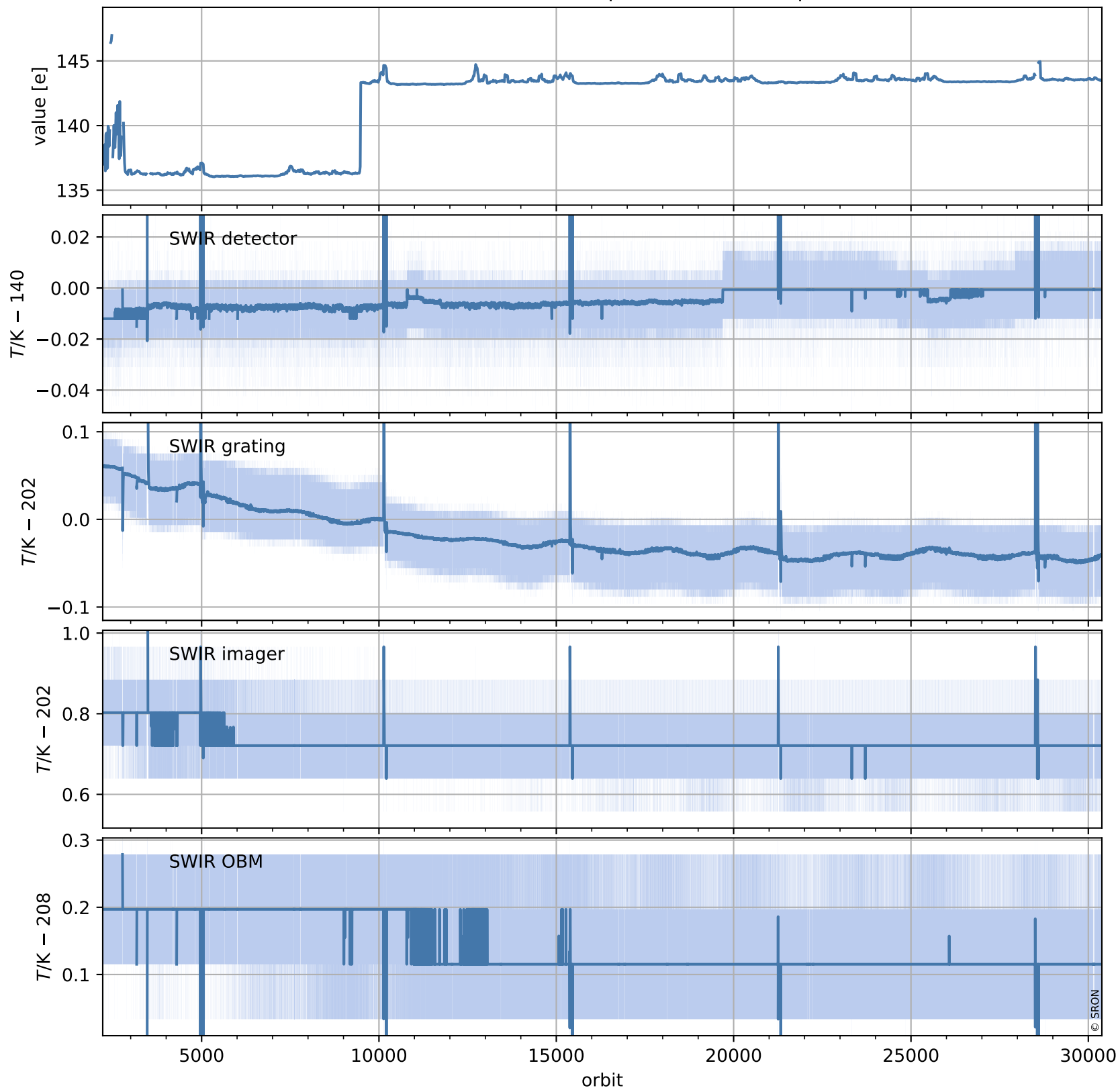
orbits : 12 in [30292, 30382]
coverage : 2023-08-18 / 2023-08-24
created : 2023-08-25T04:21:22



Tropomi SWIR background noise (swir)

orbits : [2212, 30382]
coverage : 2018-03-18 / 2023-08-24
created : 2023-08-25T04:21:23

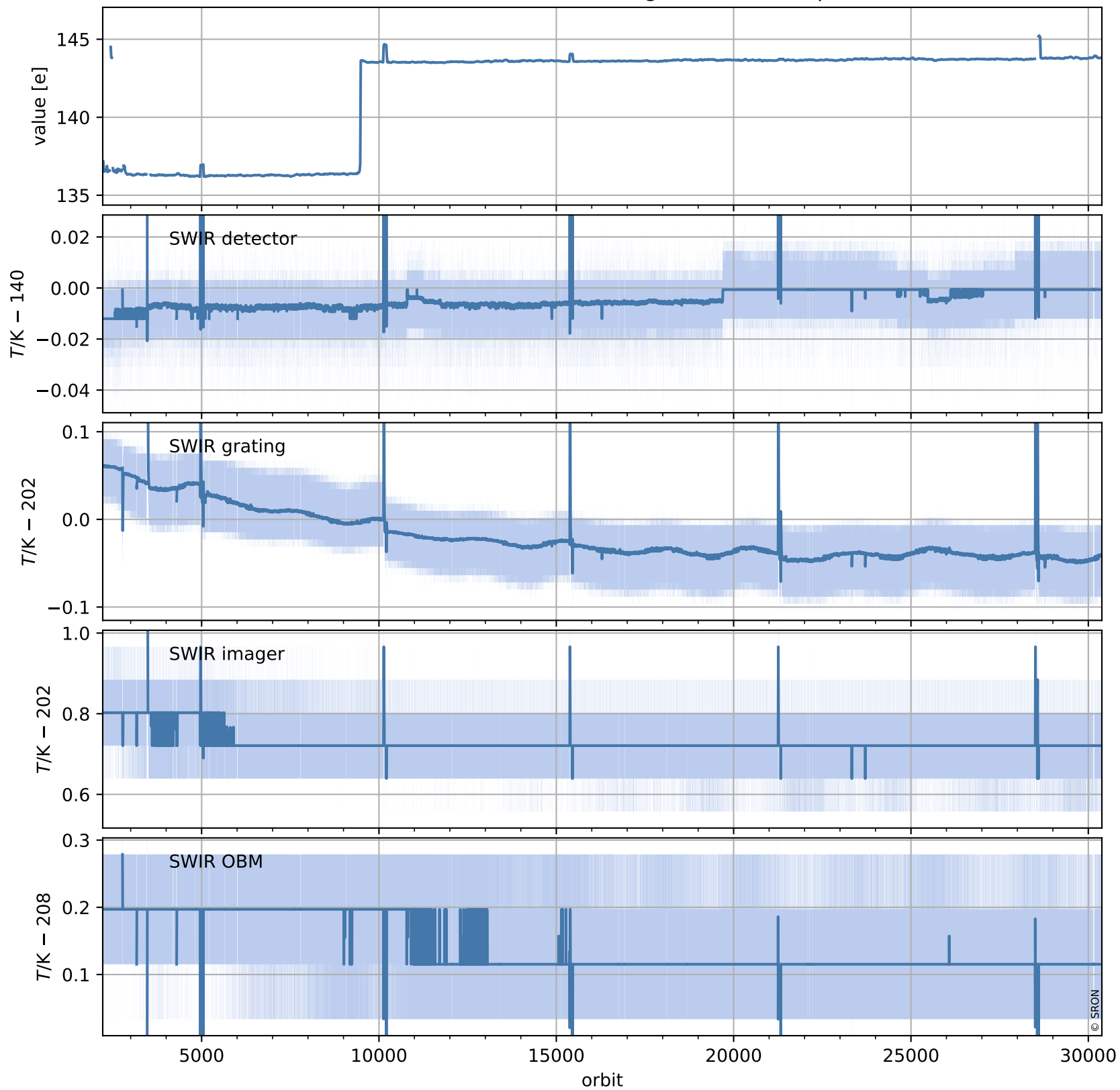
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30382]
coverage : 2018-03-18 / 2023-08-24
created : 2023-08-25T04:21:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30382]
coverage : 2018-03-18 / 2023-08-24
created : 2023-08-25T04:21:25

trend of normalized read-noise & temperatures

