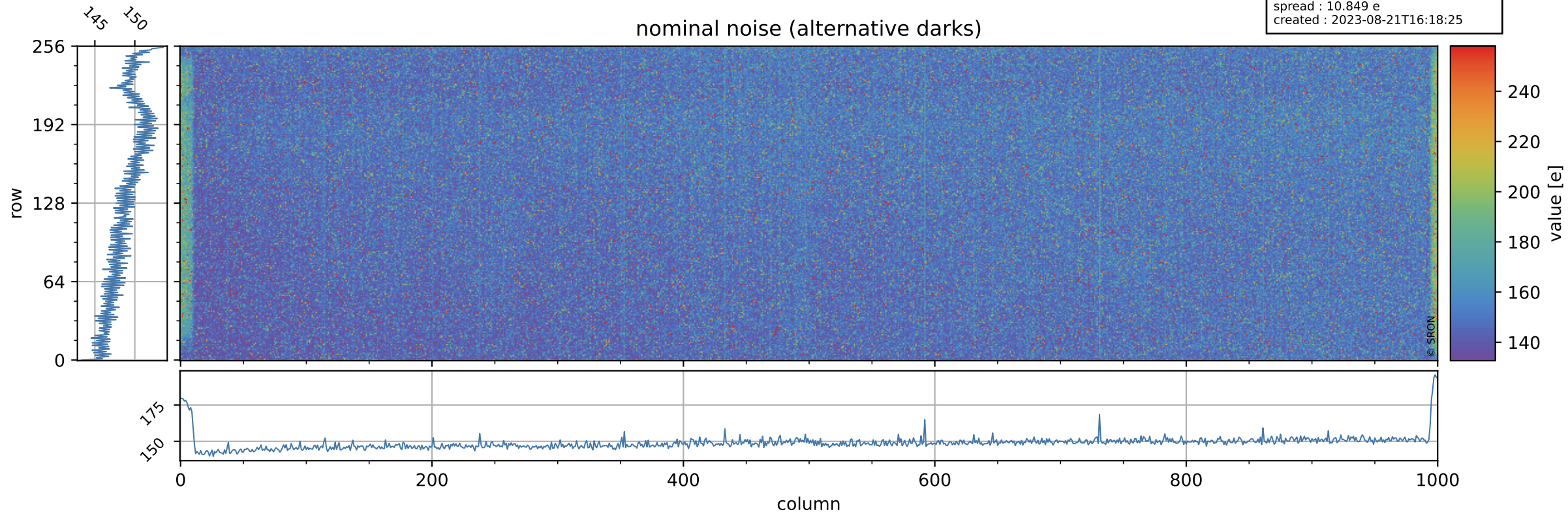


Tropomi SWIR background noise (swir)

orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.849 e
created : 2023-08-21T16:18:25

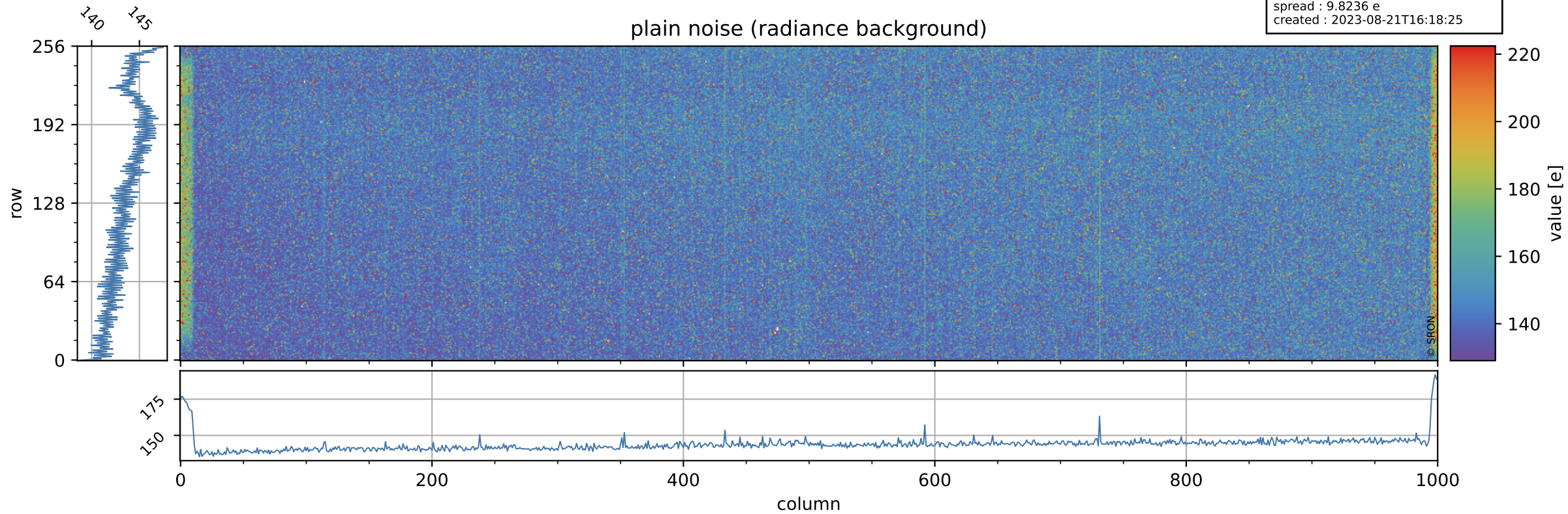
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8236 e
created : 2023-08-21T16:18:25

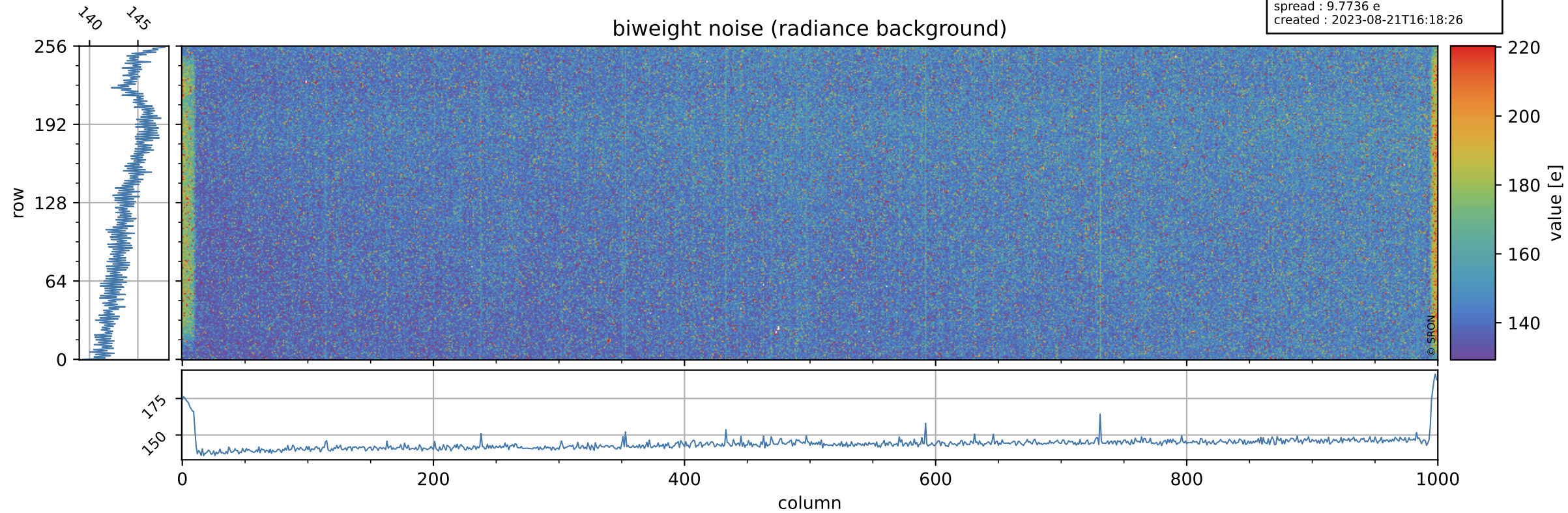
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7736 e
created : 2023-08-21T16:18:26

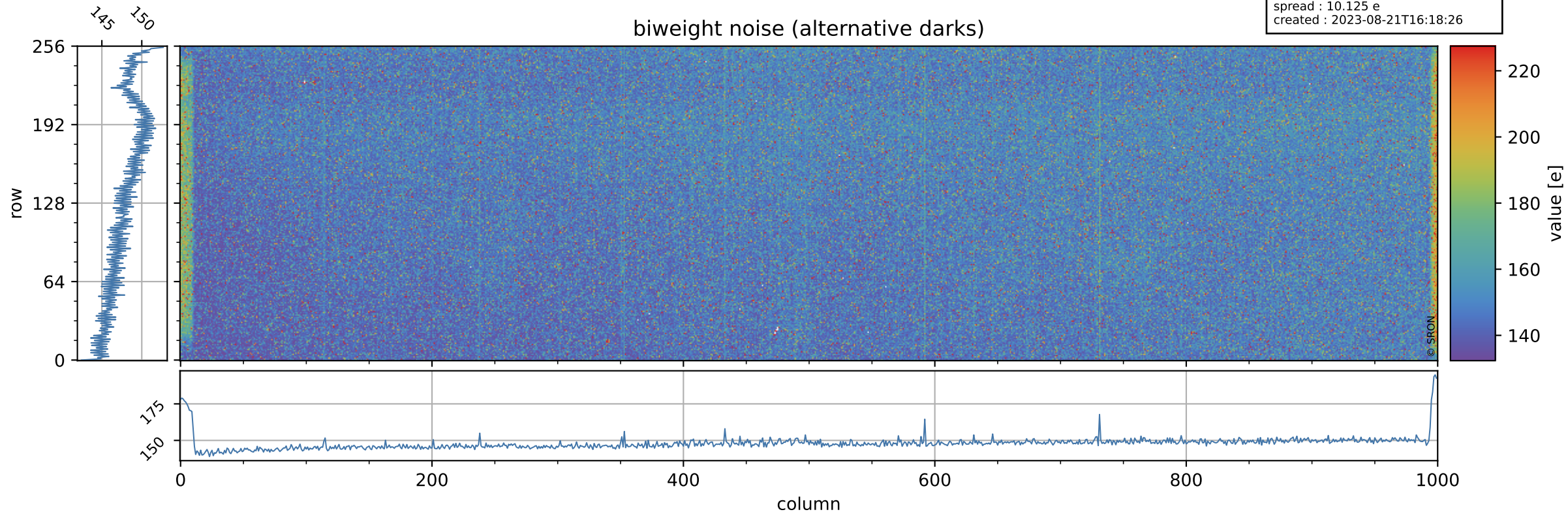
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.125 e
created : 2023-08-21T16:18:26

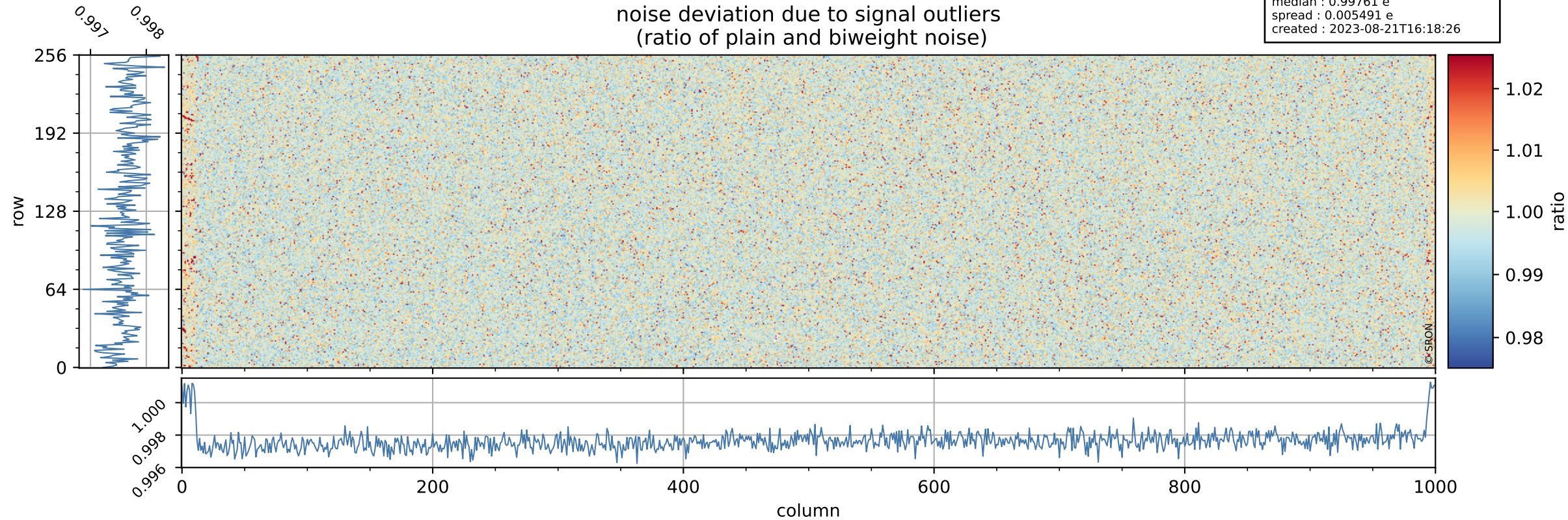
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

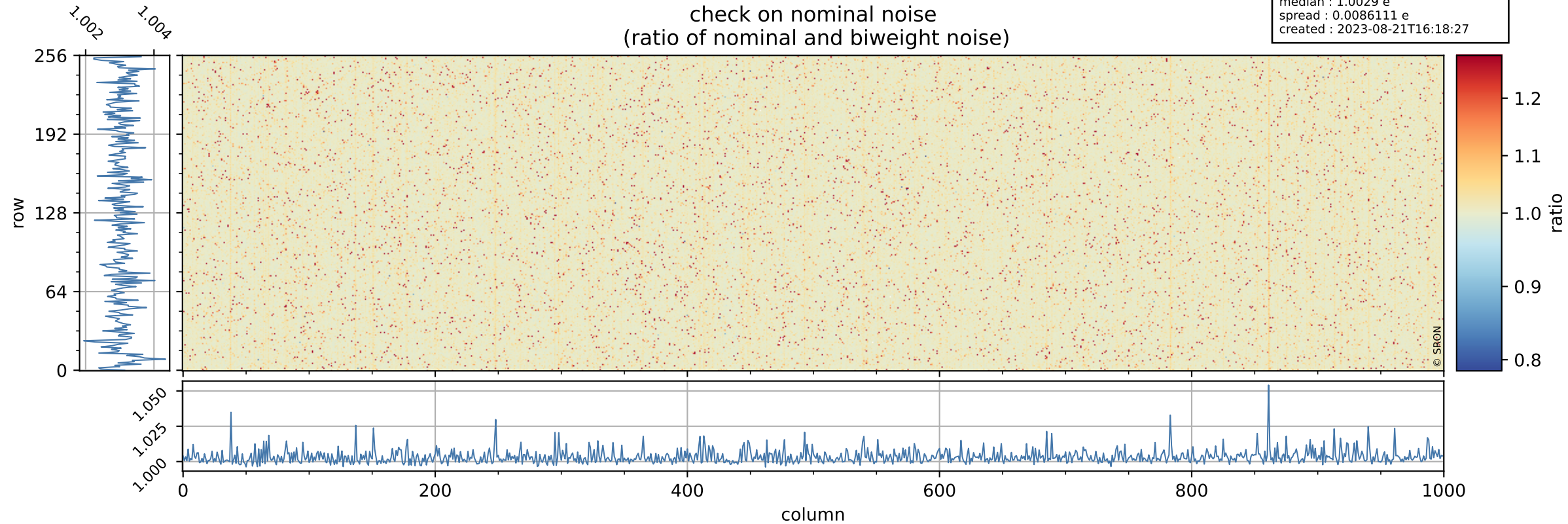
orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
median : 0.99761 e
spread : 0.005491 e
created : 2023-08-21T16:18:26



Tropomi SWIR background noise (swir)

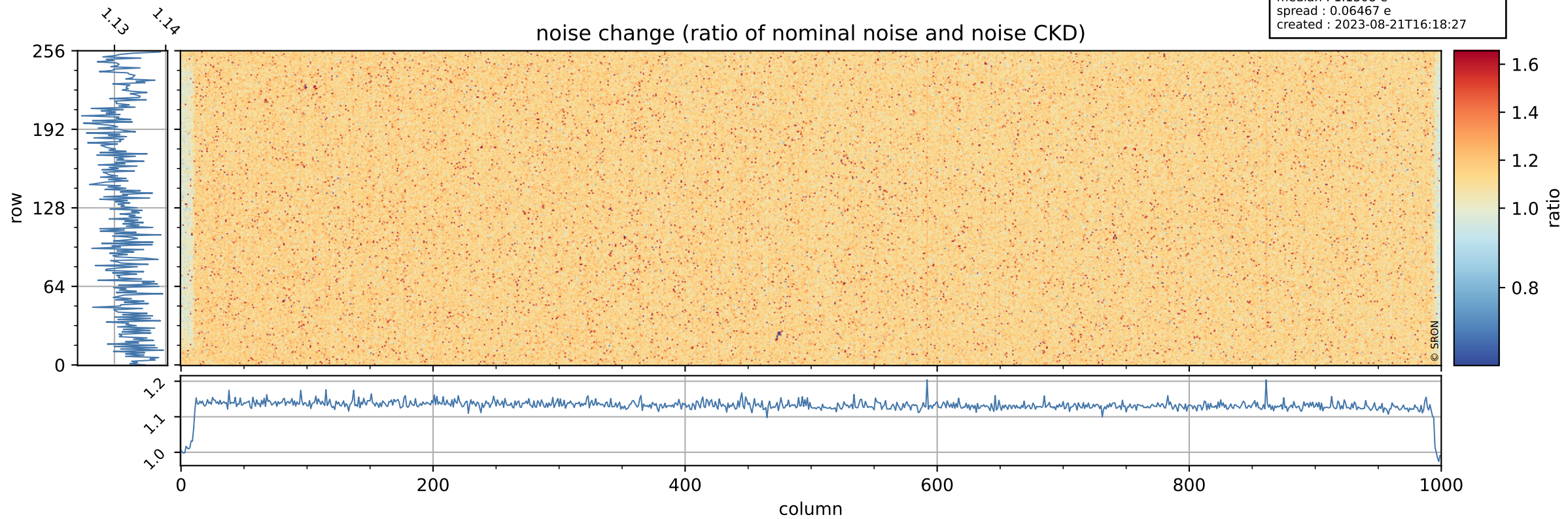
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
median : 1.0029 e
spread : 0.0086111 e
created : 2023-08-21T16:18:27



Tropomi SWIR background noise (swir)

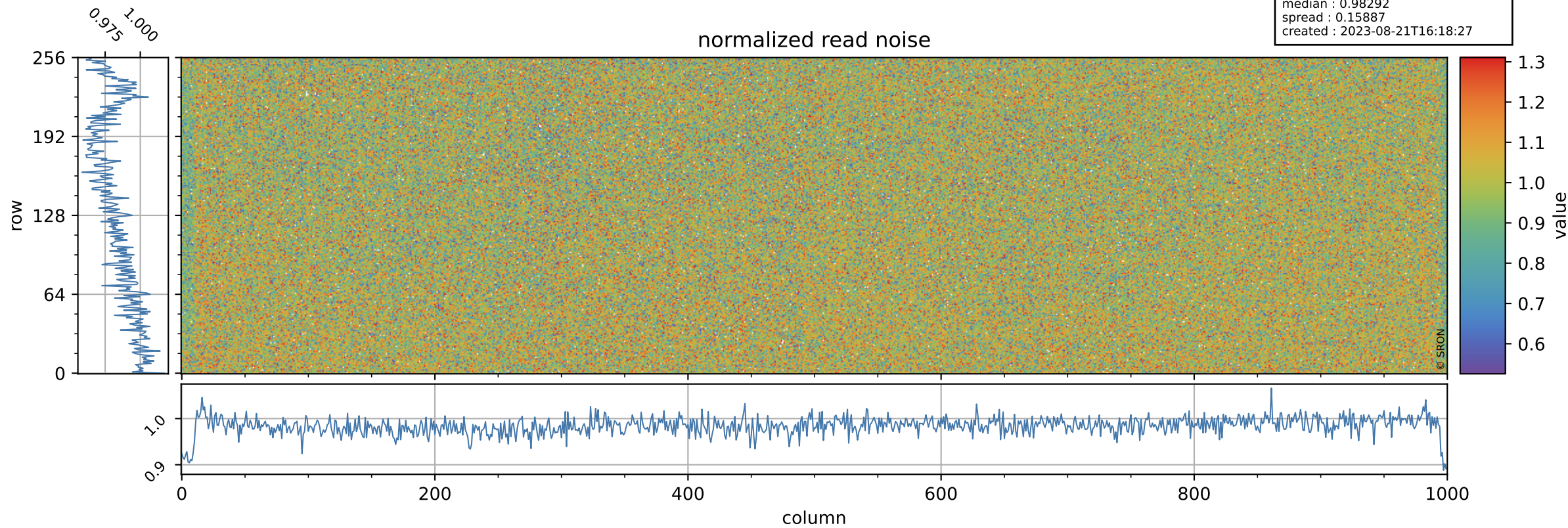
orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
median : 1.1308 e
spread : 0.06467 e
created : 2023-08-21T16:18:27



Tropomi SWIR background noise (swir)

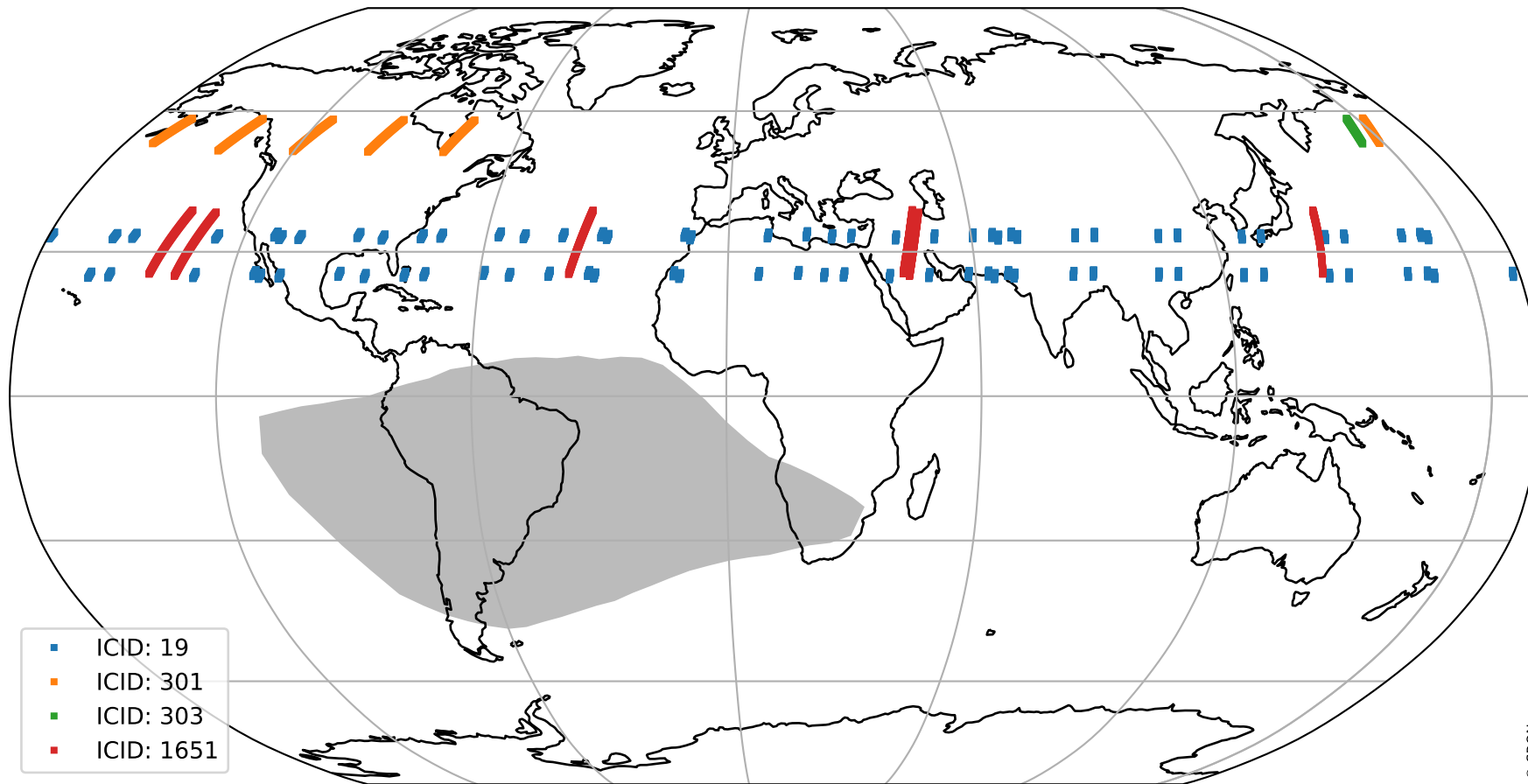
orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
median : 0.98292
spread : 0.15887
created : 2023-08-21T16:18:27

normalized read noise



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

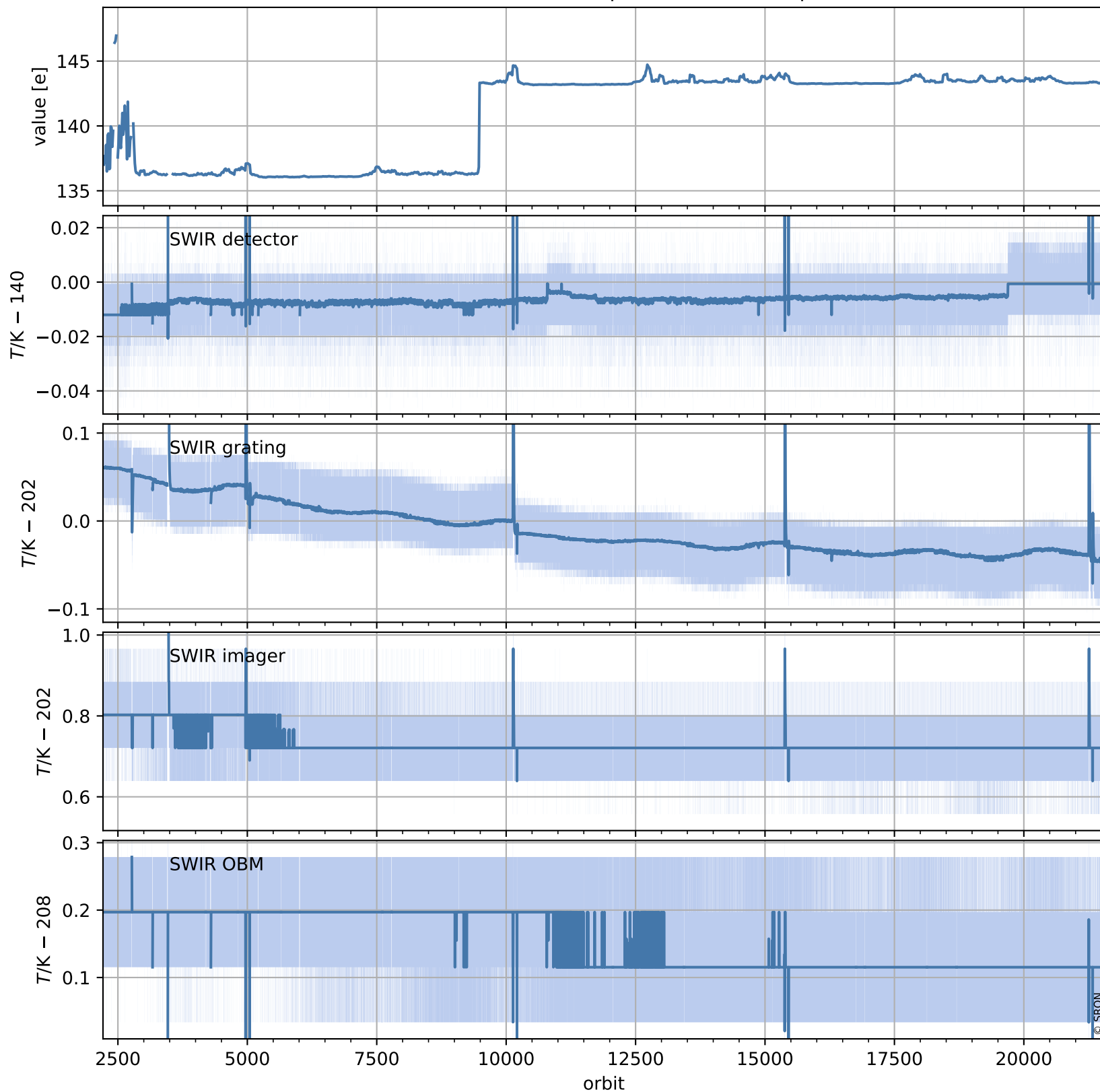
orbits : 13 in [21472, 21562]
coverage : 2021-12-05 / 2021-12-10
created : 2023-08-21T16:18:27



Tropomi SWIR background noise (swir)

orbits : [2212, 21562]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:28

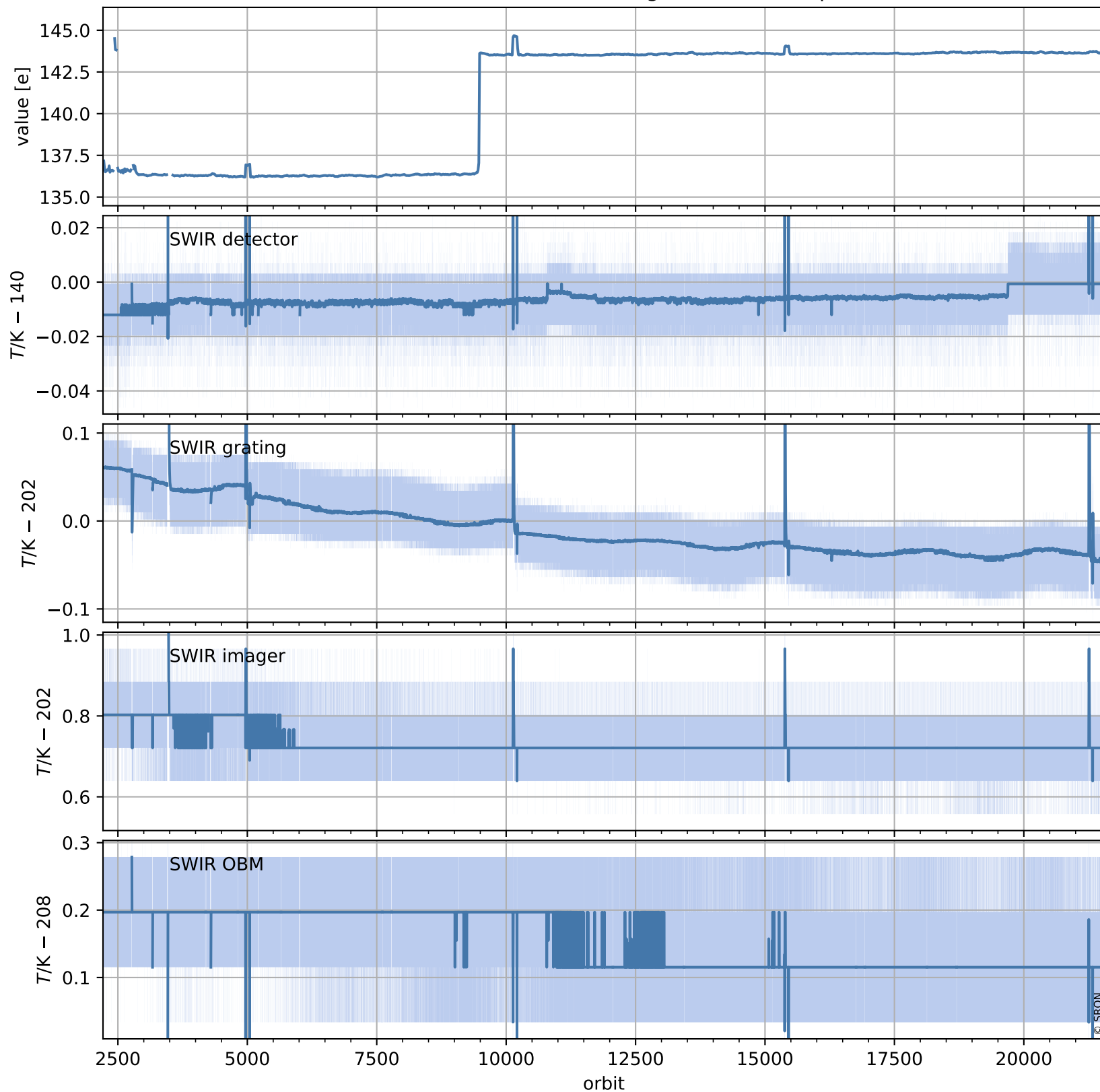
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21562]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21562]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:30

trend of normalized read-noise & temperatures

