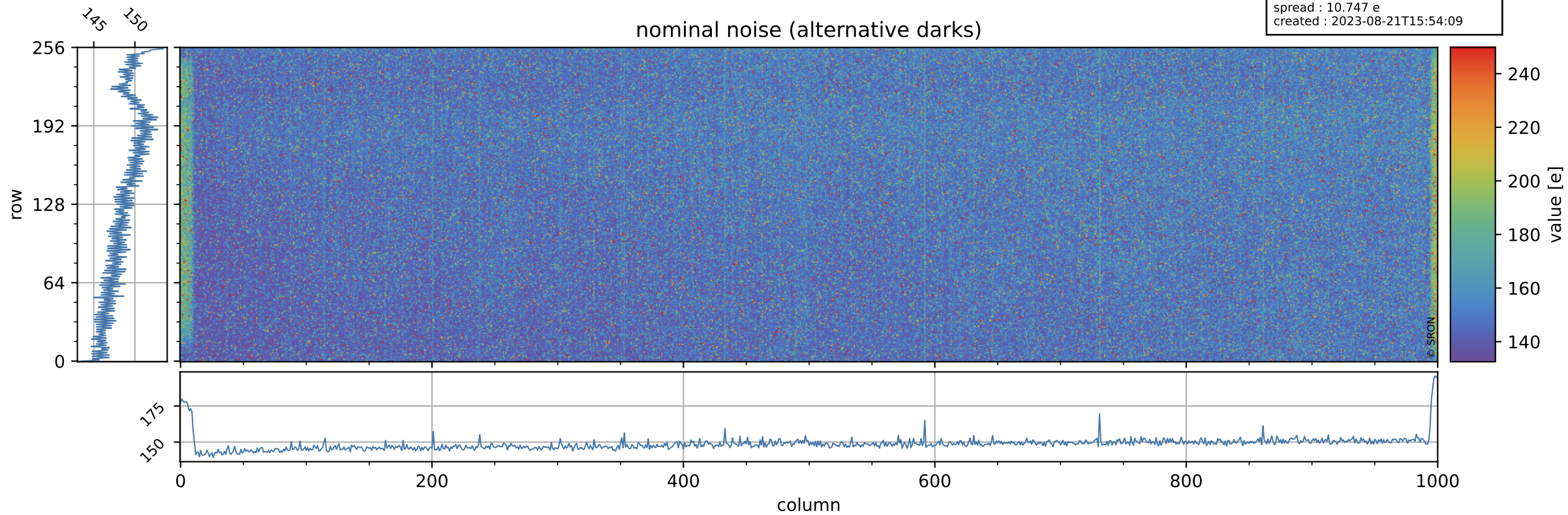


Tropomi SWIR background noise (swir)

orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.747 e
created : 2023-08-21T15:54:09

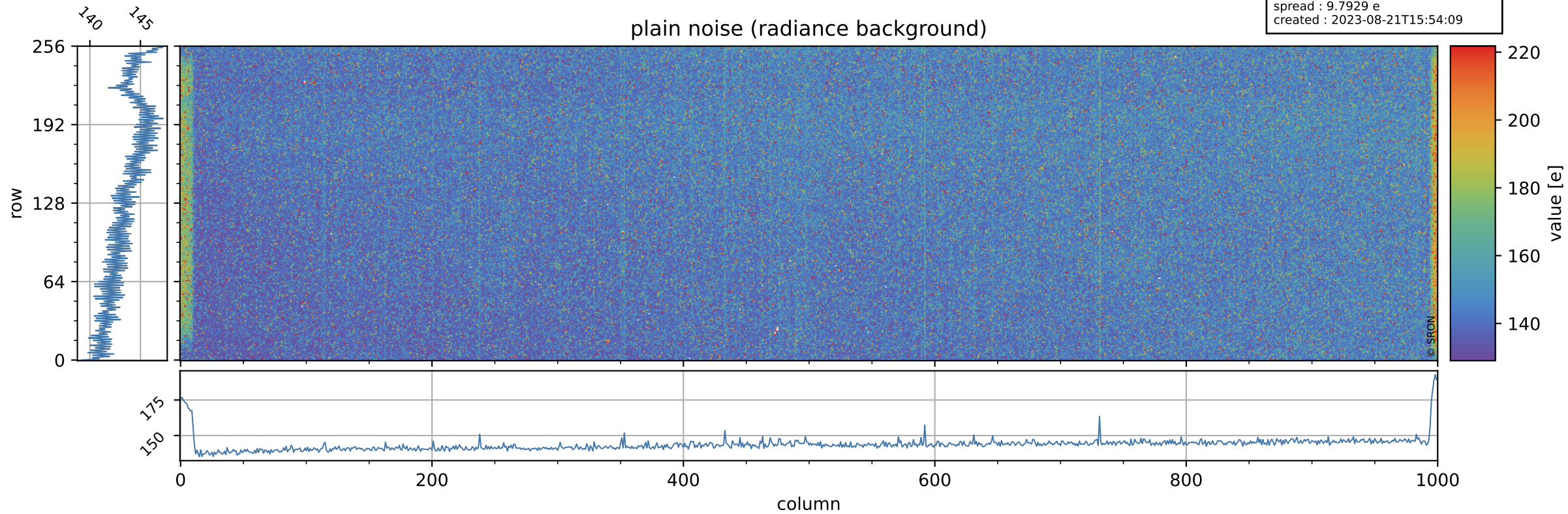
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.7929 e
created : 2023-08-21T15:54:09

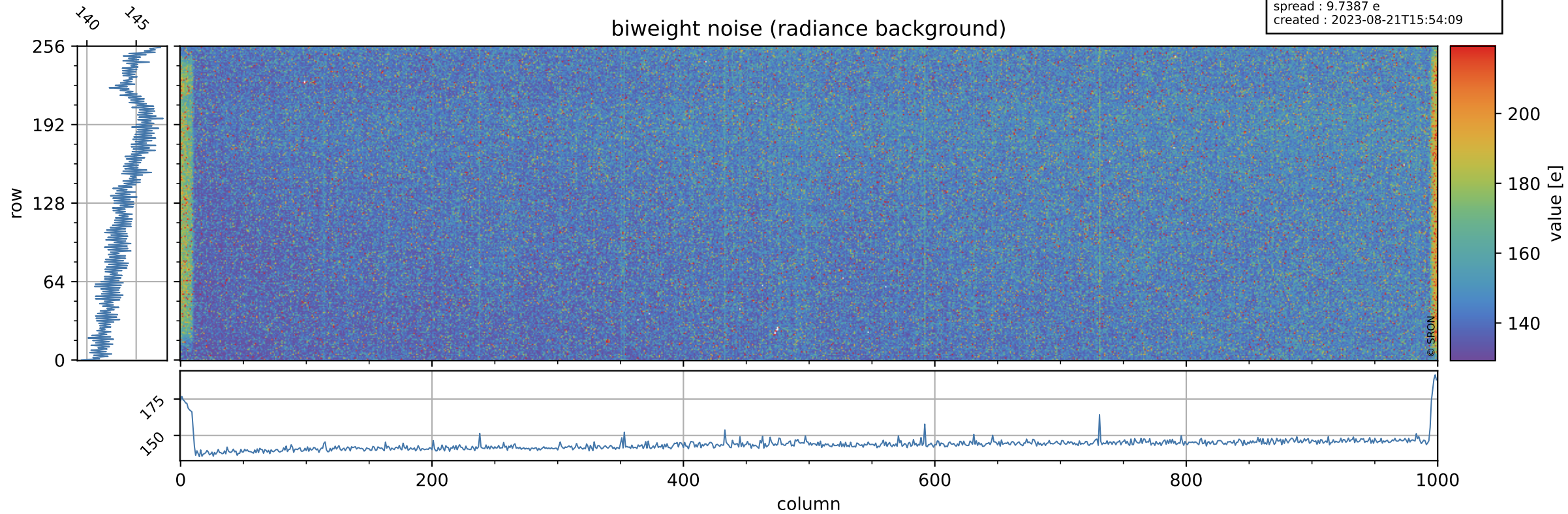
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7387 e
created : 2023-08-21T15:54:09

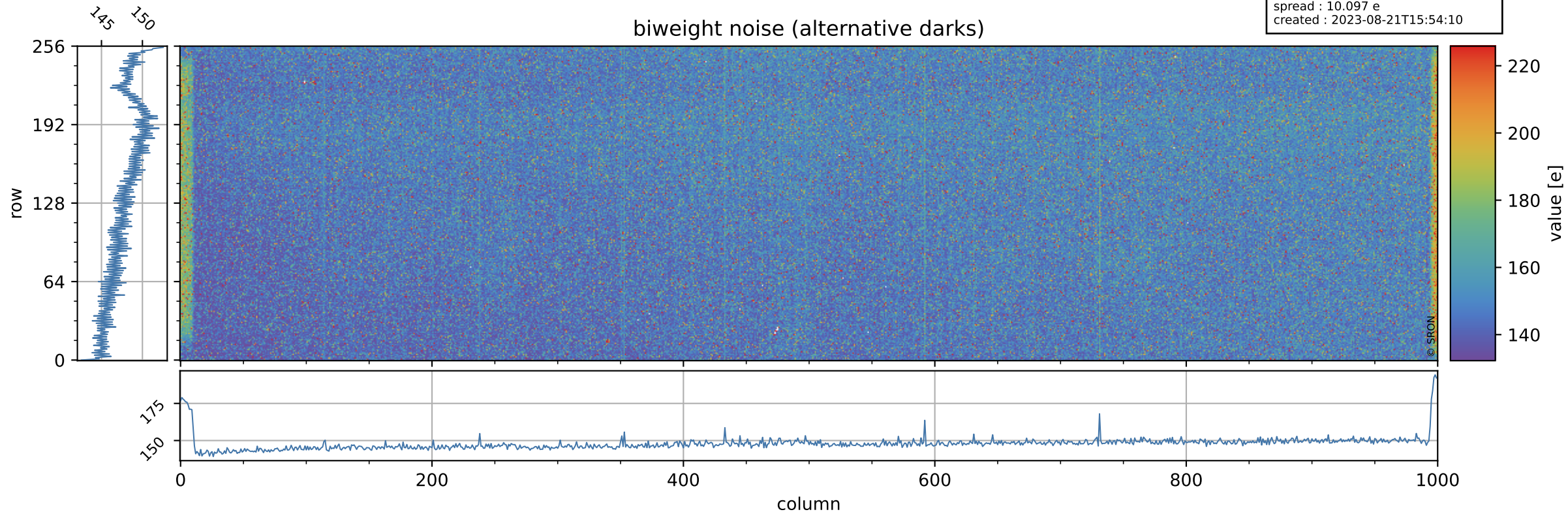
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.097 e
created : 2023-08-21T15:54:10

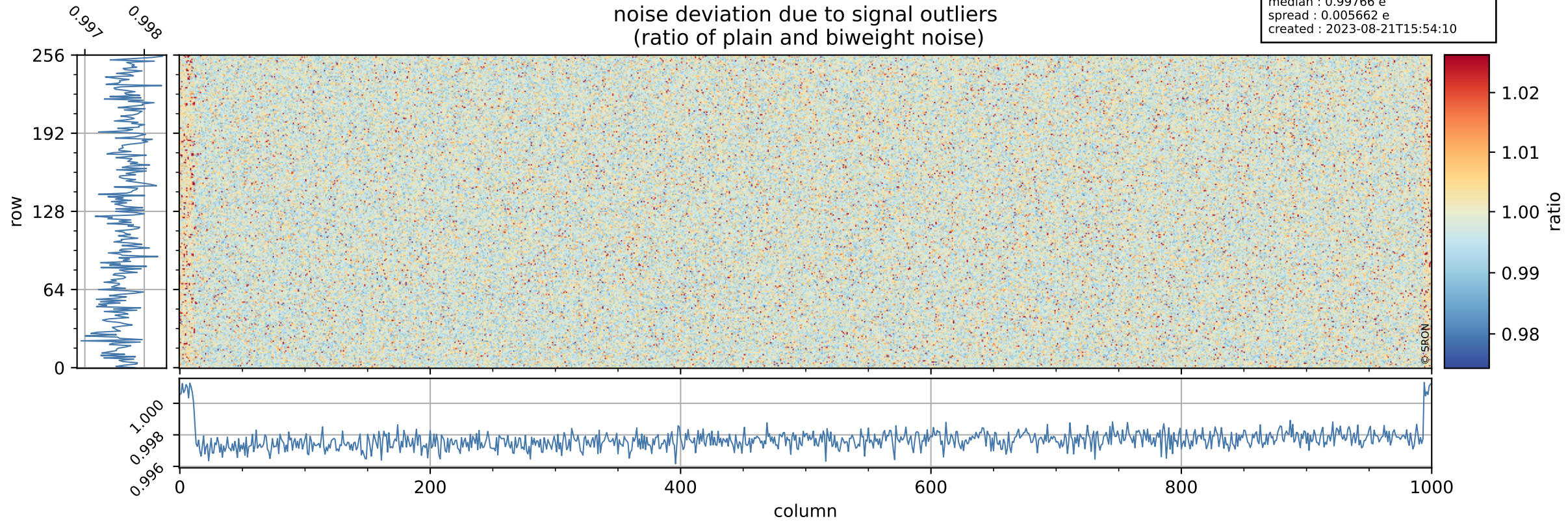
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

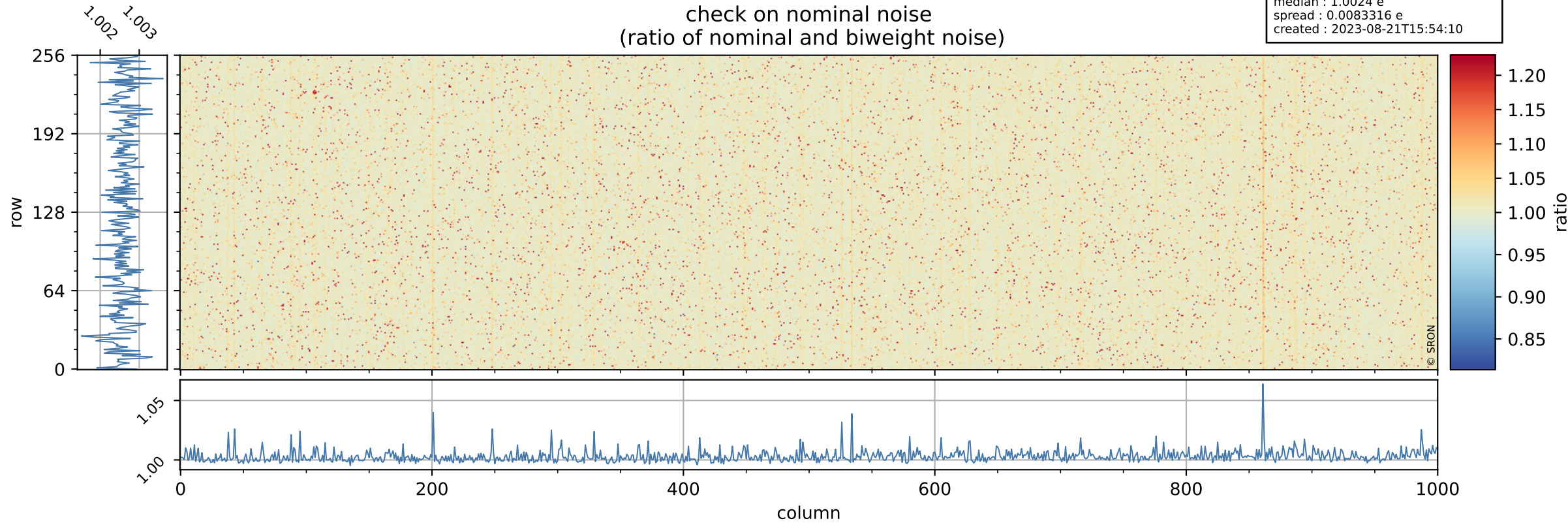
orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
median : 0.99766 e
spread : 0.005662 e
created : 2023-08-21T15:54:10



Tropomi SWIR background noise (swir)

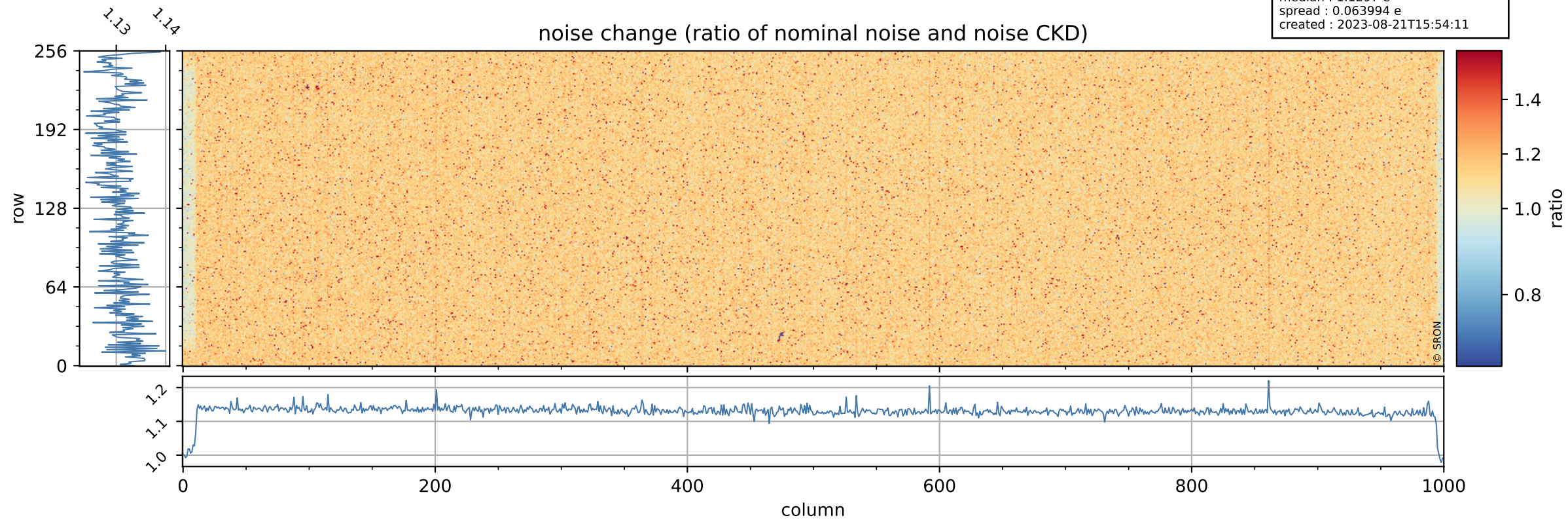
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
median : 1.0024 e
spread : 0.0083316 e
created : 2023-08-21T15:54:10



Tropomi SWIR background noise (swir)

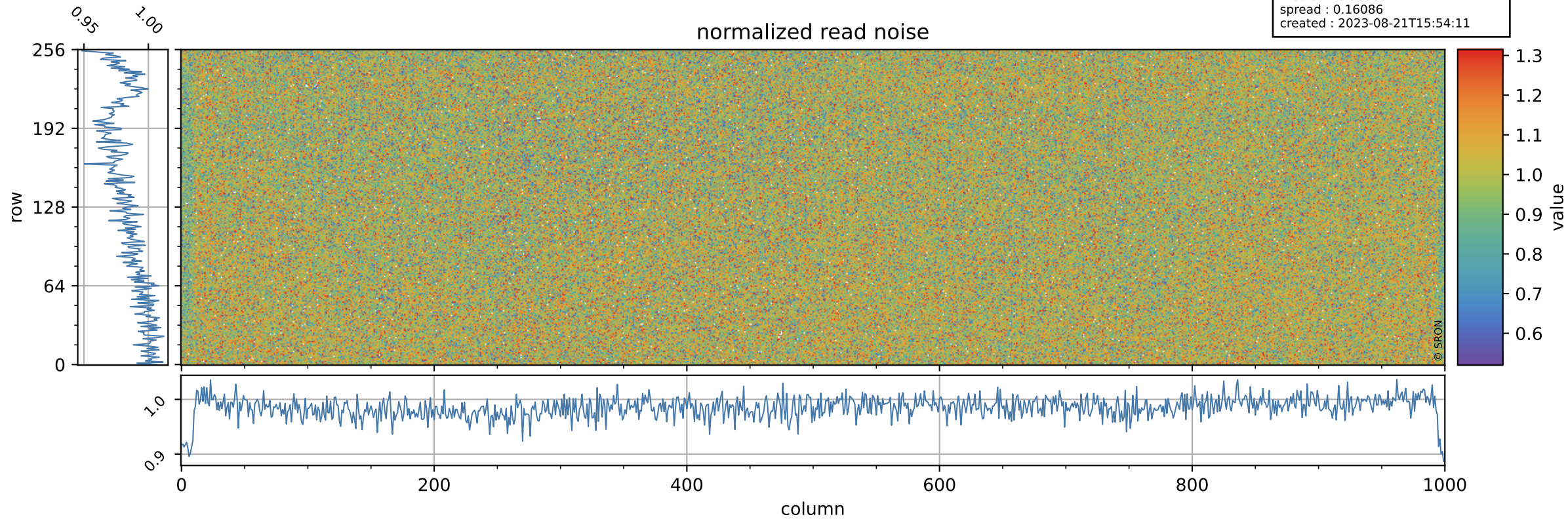
orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
median : 1.1297 e
spread : 0.063994 e
created : 2023-08-21T15:54:11



Tropomi SWIR background noise (swir)

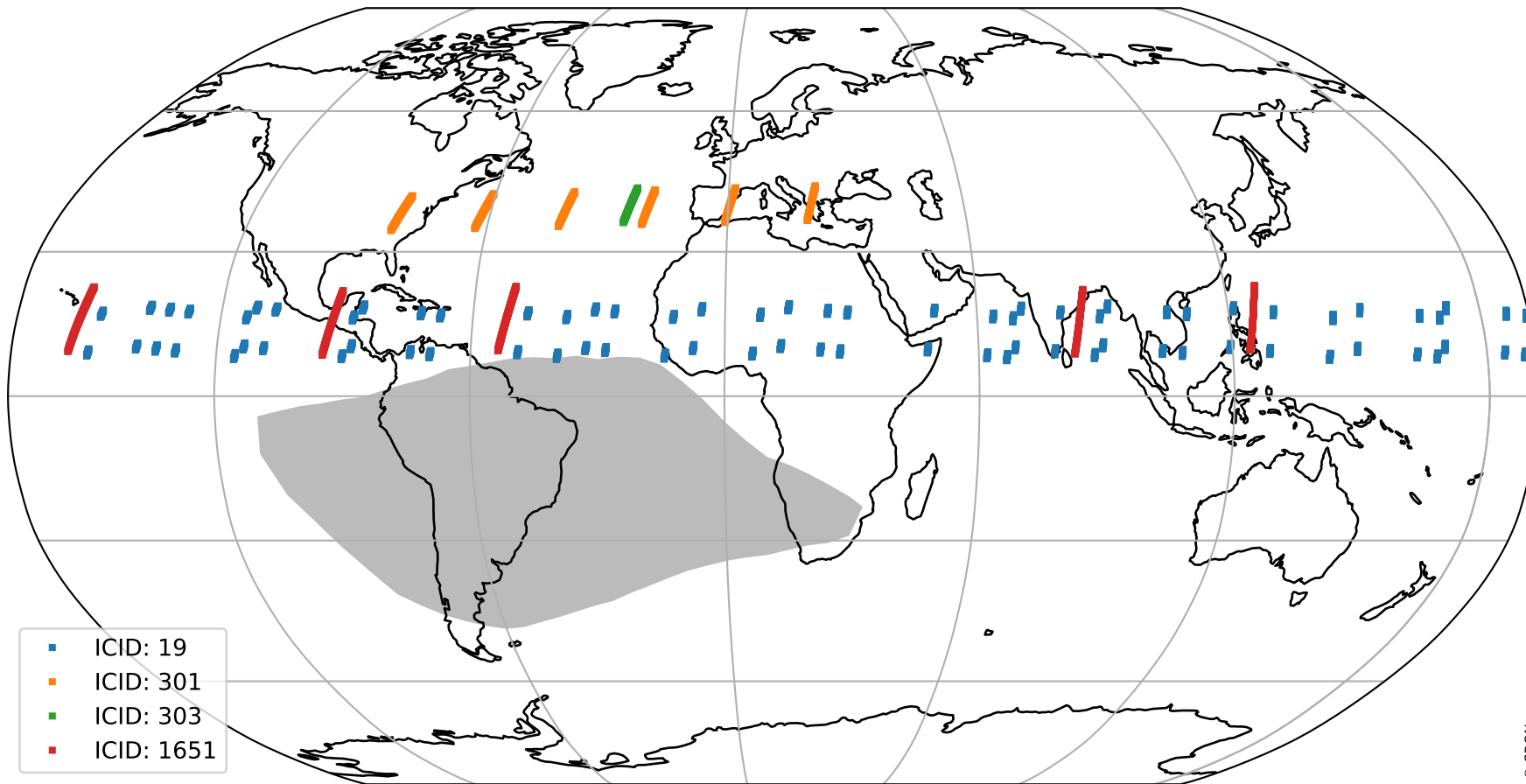
orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
median : 0.98368
spread : 0.16086
created : 2023-08-21T15:54:11

normalized read noise



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

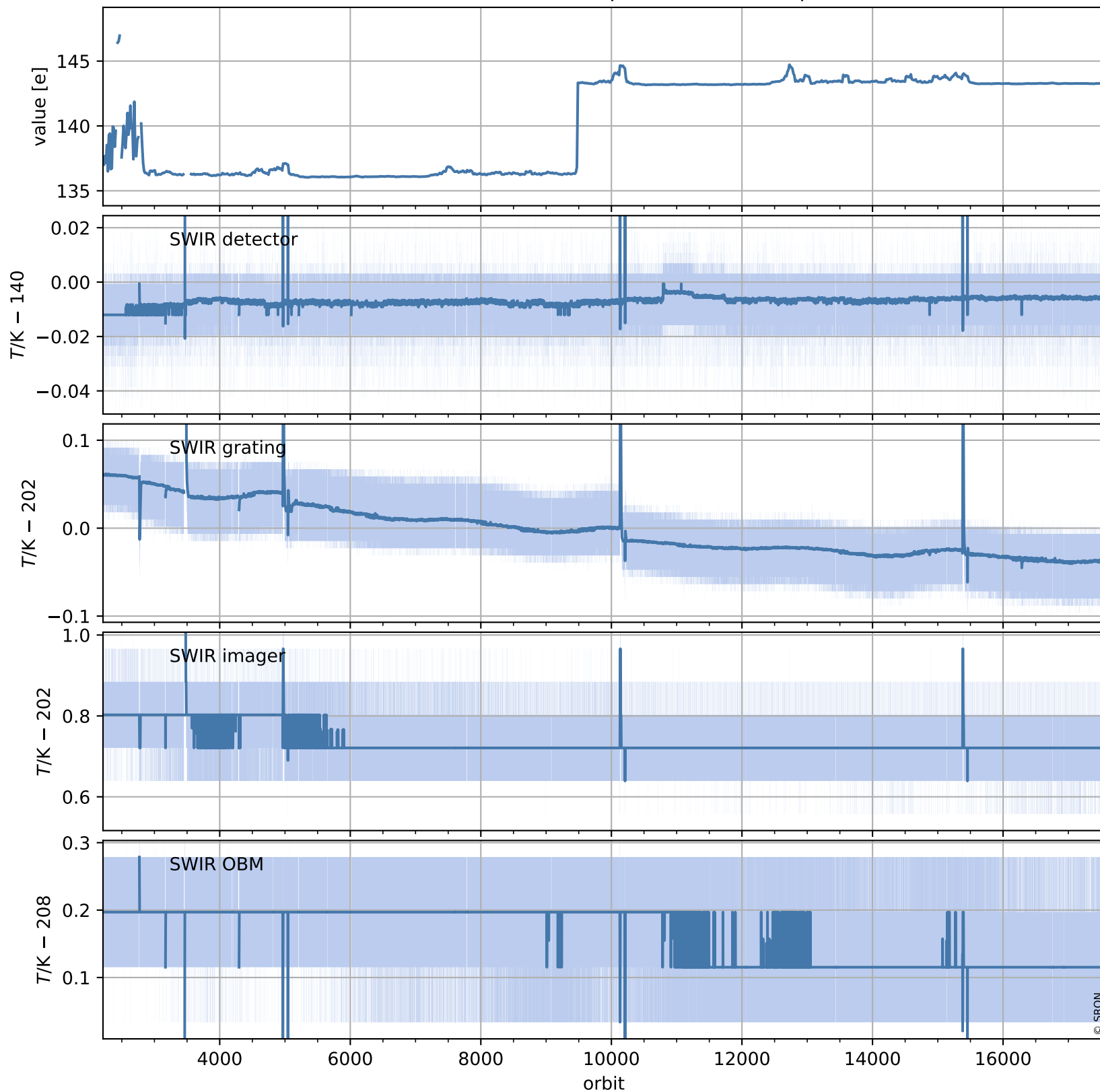
orbits : 12 in [17482, 17557]
coverage : 2021-02-25 / 2021-03-03
created : 2023-08-21T15:54:11



Tropomi SWIR background noise (swir)

orbits : [2212, 17557]
coverage : 2018-03-18 / 2021-03-03
created : 2023-08-21T15:54:11

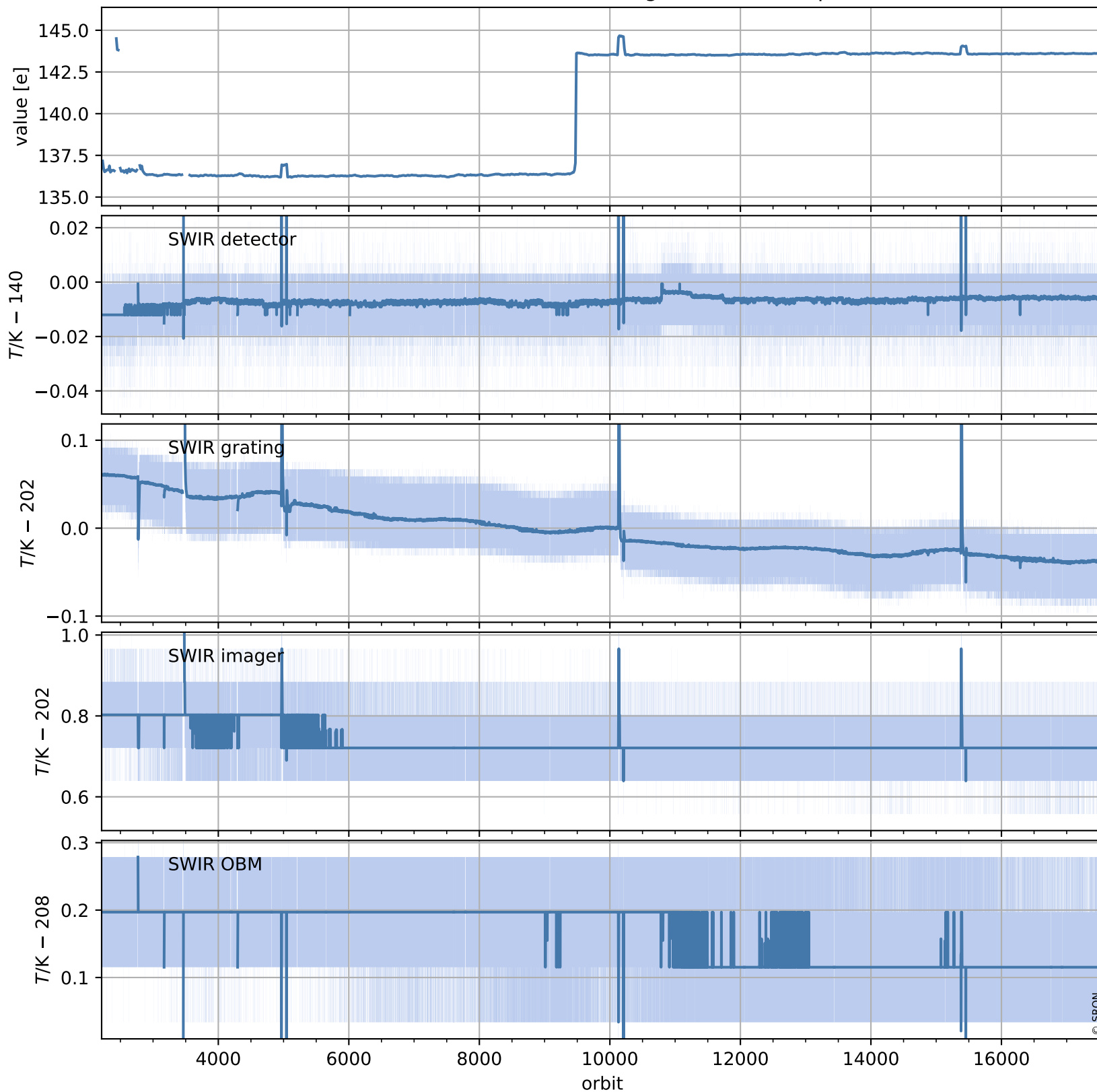
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17557]
coverage : 2018-03-18 / 2021-03-03
created : 2023-08-21T15:54:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17557]
coverage : 2018-03-18 / 2021-03-03
created : 2023-08-21T15:54:13

trend of normalized read-noise & temperatures

