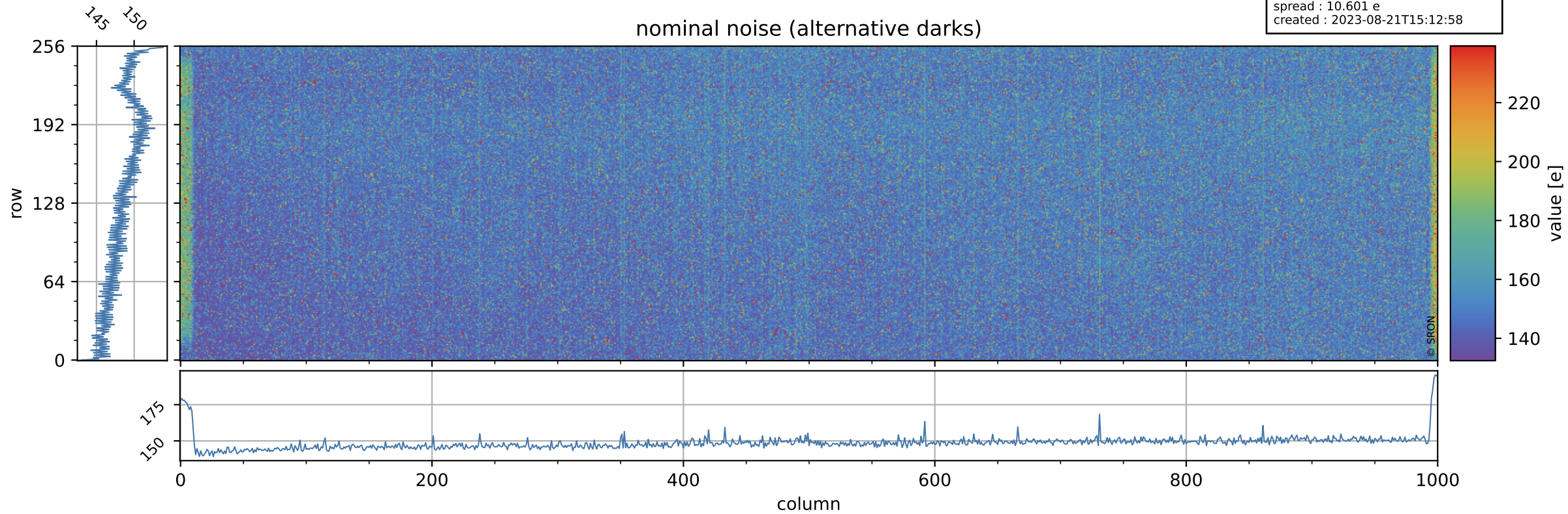


Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.601 e
created : 2023-08-21T15:12:58

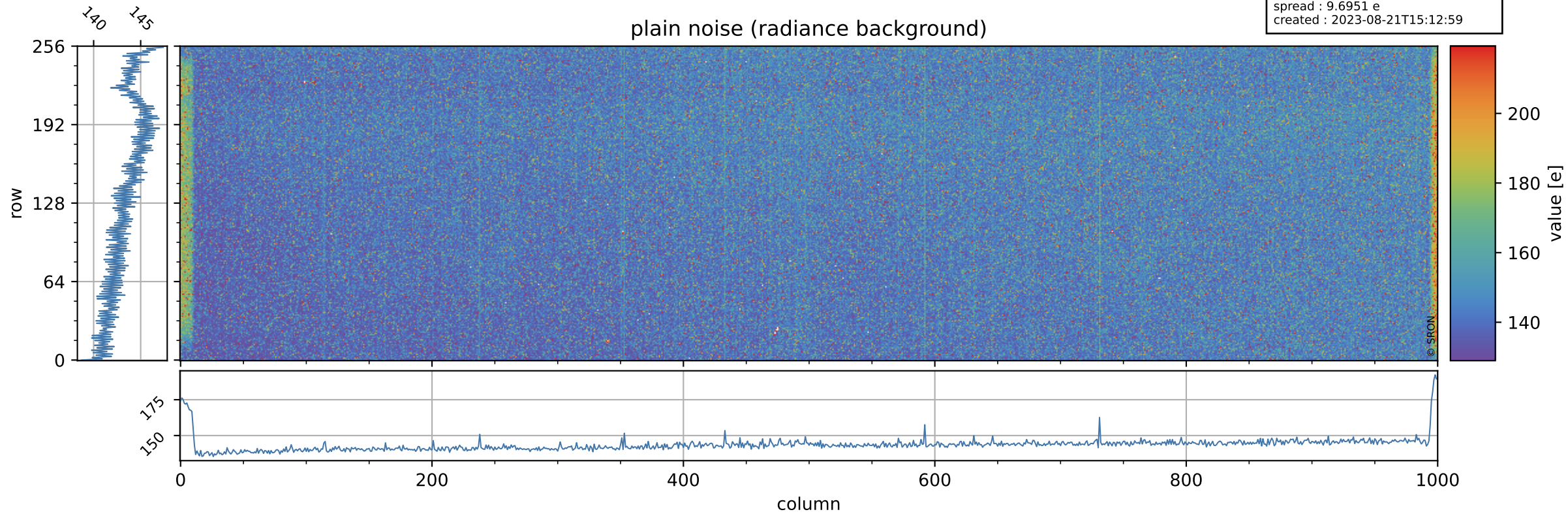
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
n_coad, t_exp : 1, 0.8383
median : 143.32 e
spread : 9.6951 e
created : 2023-08-21T15:12:59

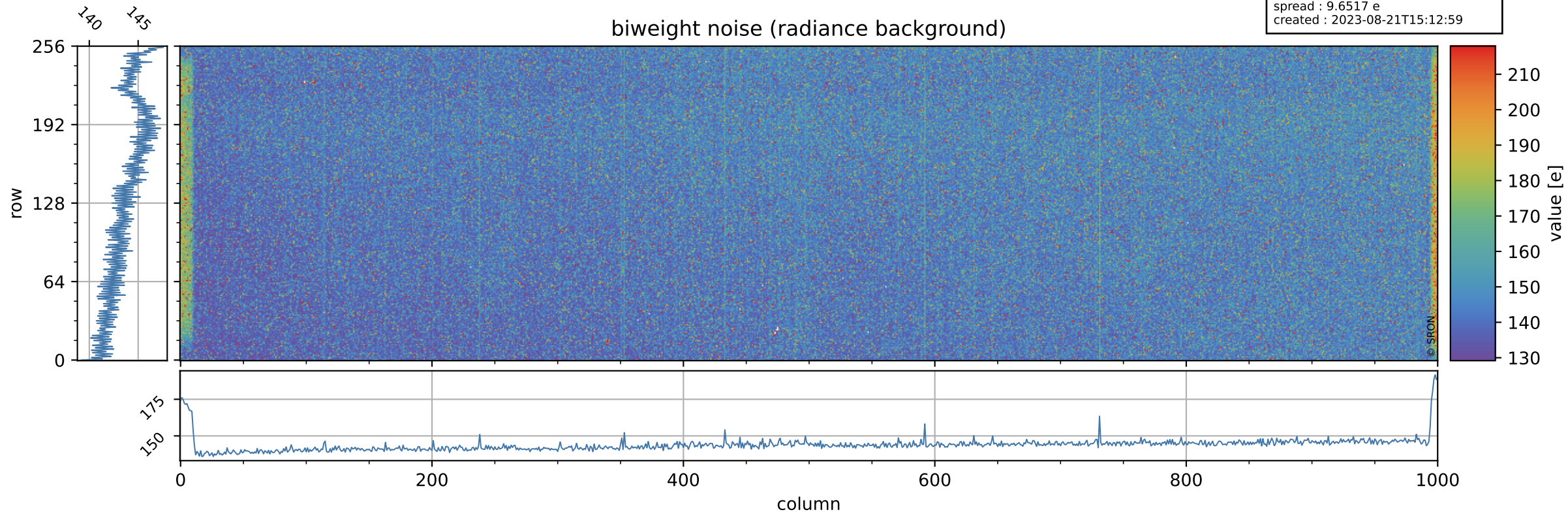
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6517 e
created : 2023-08-21T15:12:59

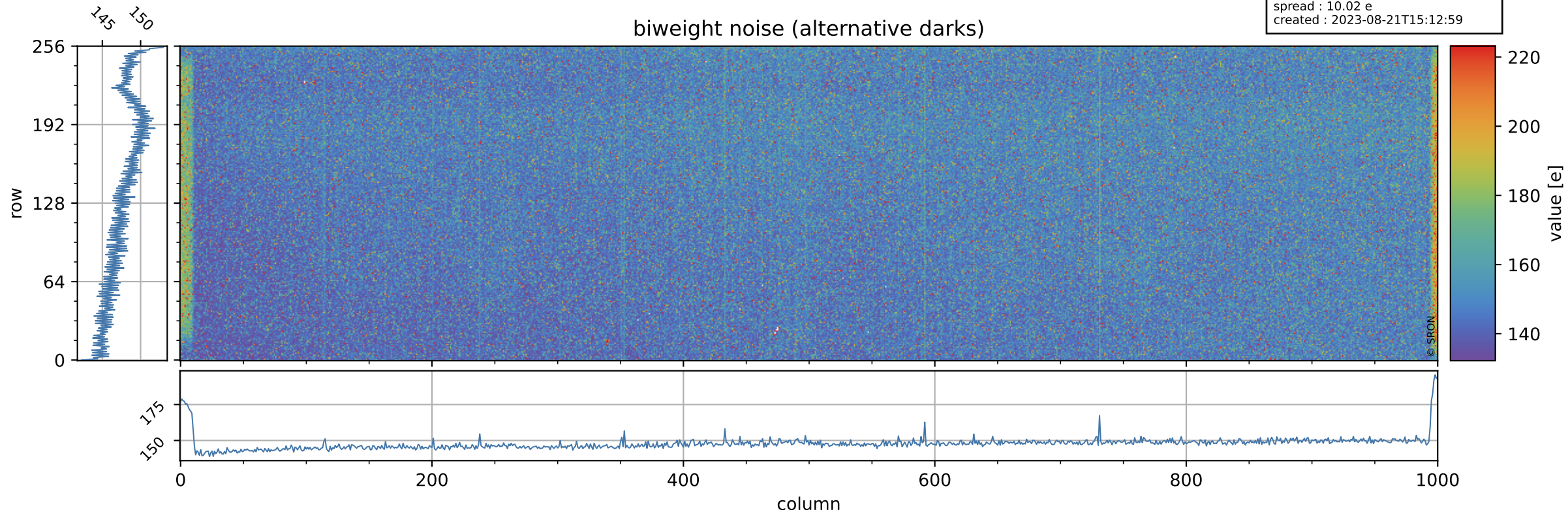
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.02 e
created : 2023-08-21T15:12:59

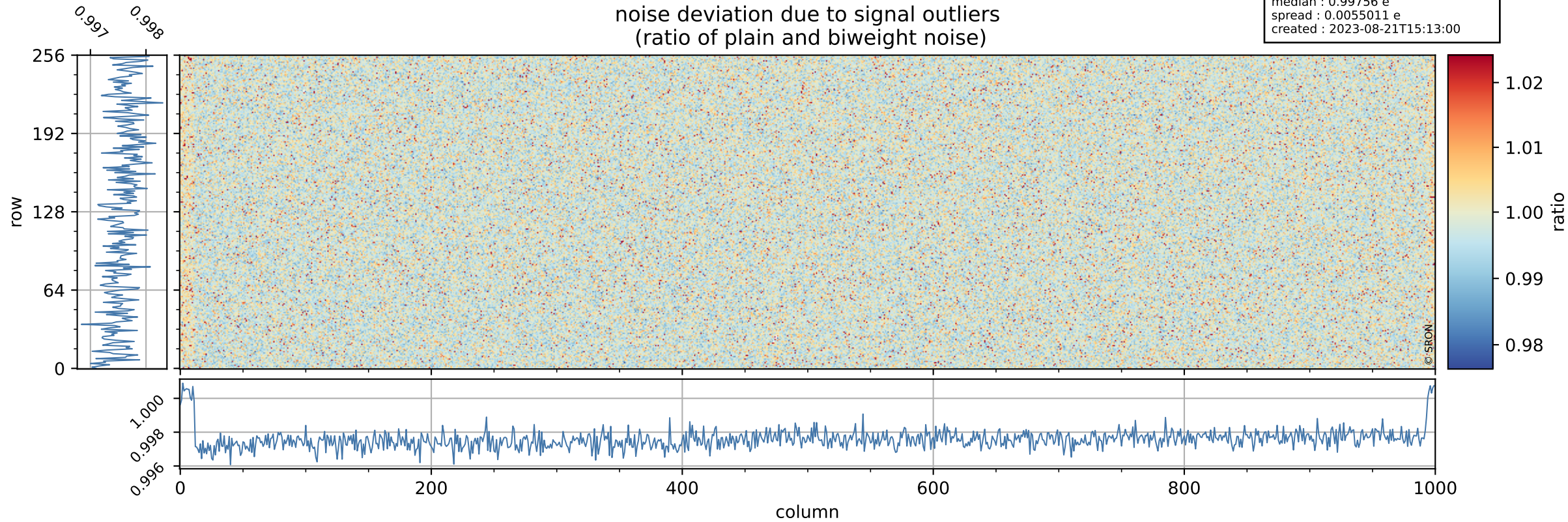
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

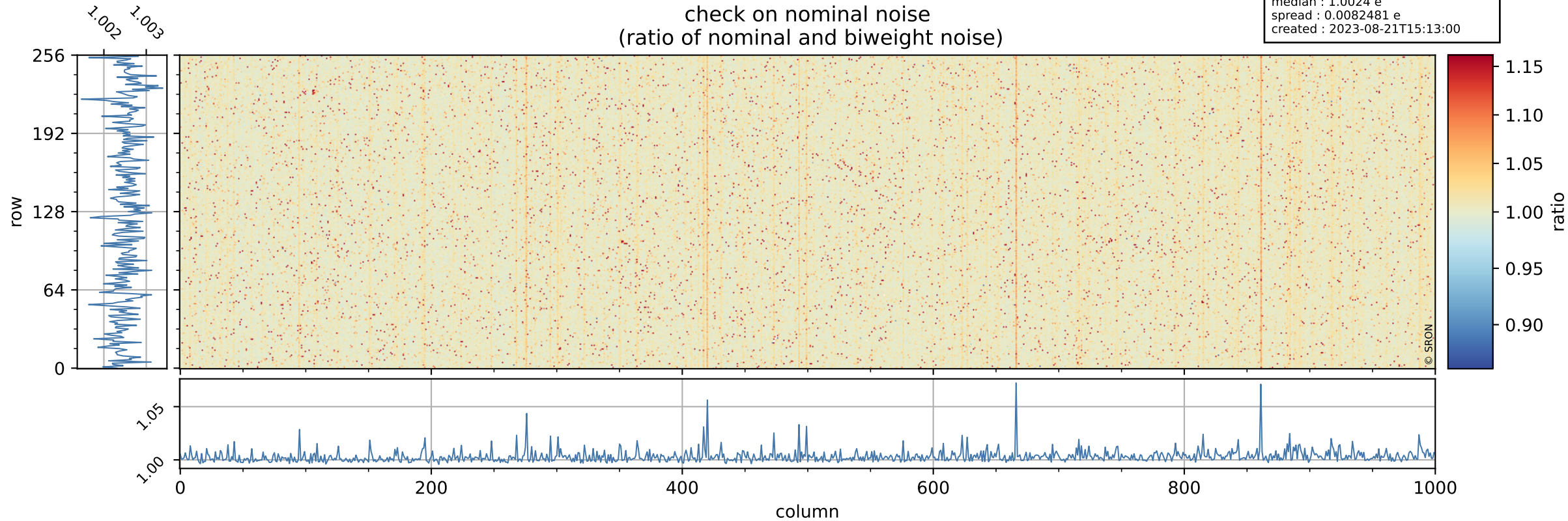
orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
median : 0.99756 e
spread : 0.0055011 e
created : 2023-08-21T15:13:00



Tropomi SWIR background noise (swir)

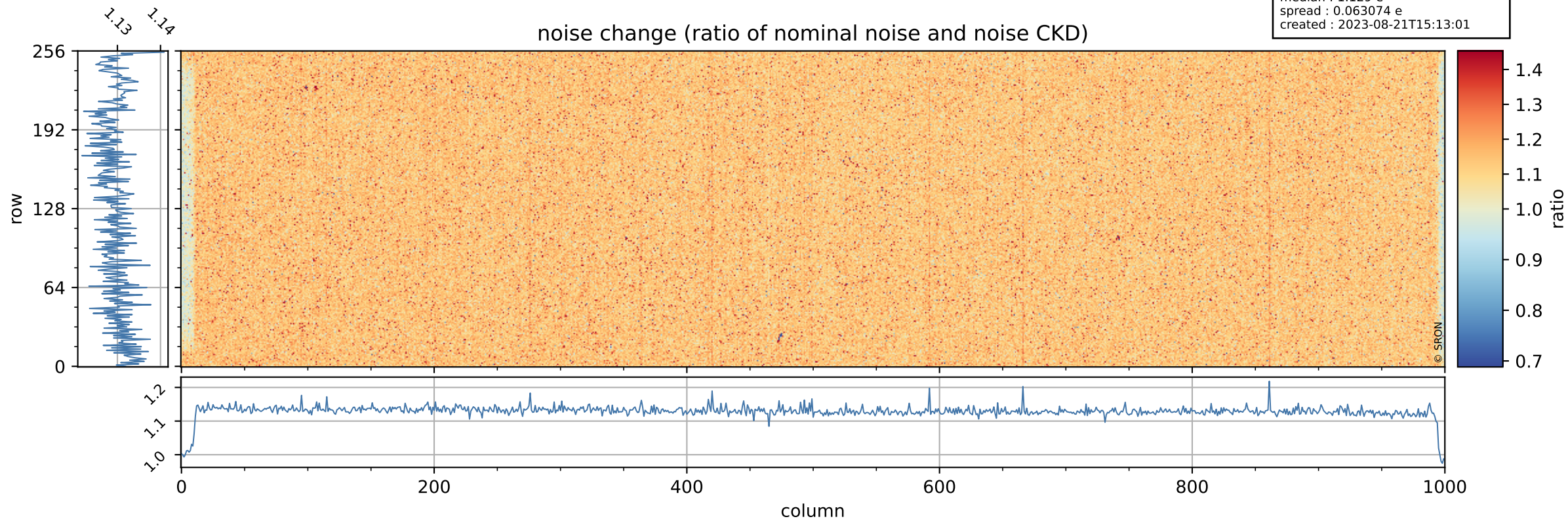
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
median : 1.0024 e
spread : 0.0082481 e
created : 2023-08-21T15:13:00



Tropomi SWIR background noise (swir)

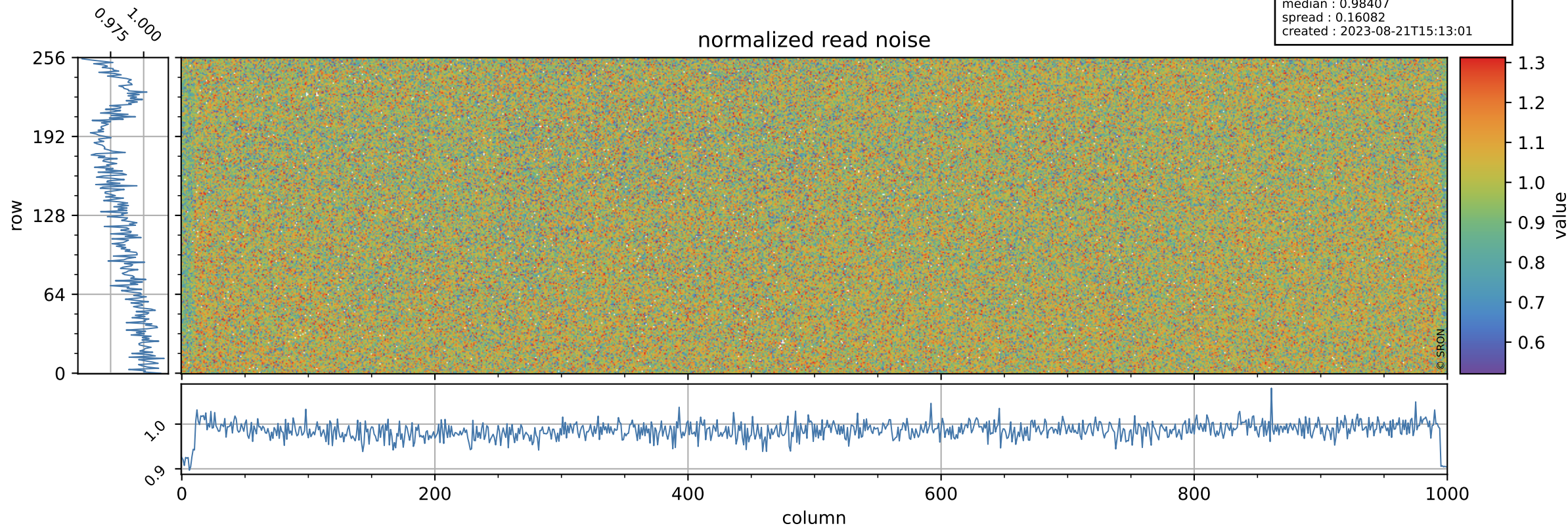
orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
median : 1.129 e
spread : 0.063074 e
created : 2023-08-21T15:13:01



Tropomi SWIR background noise (swir)

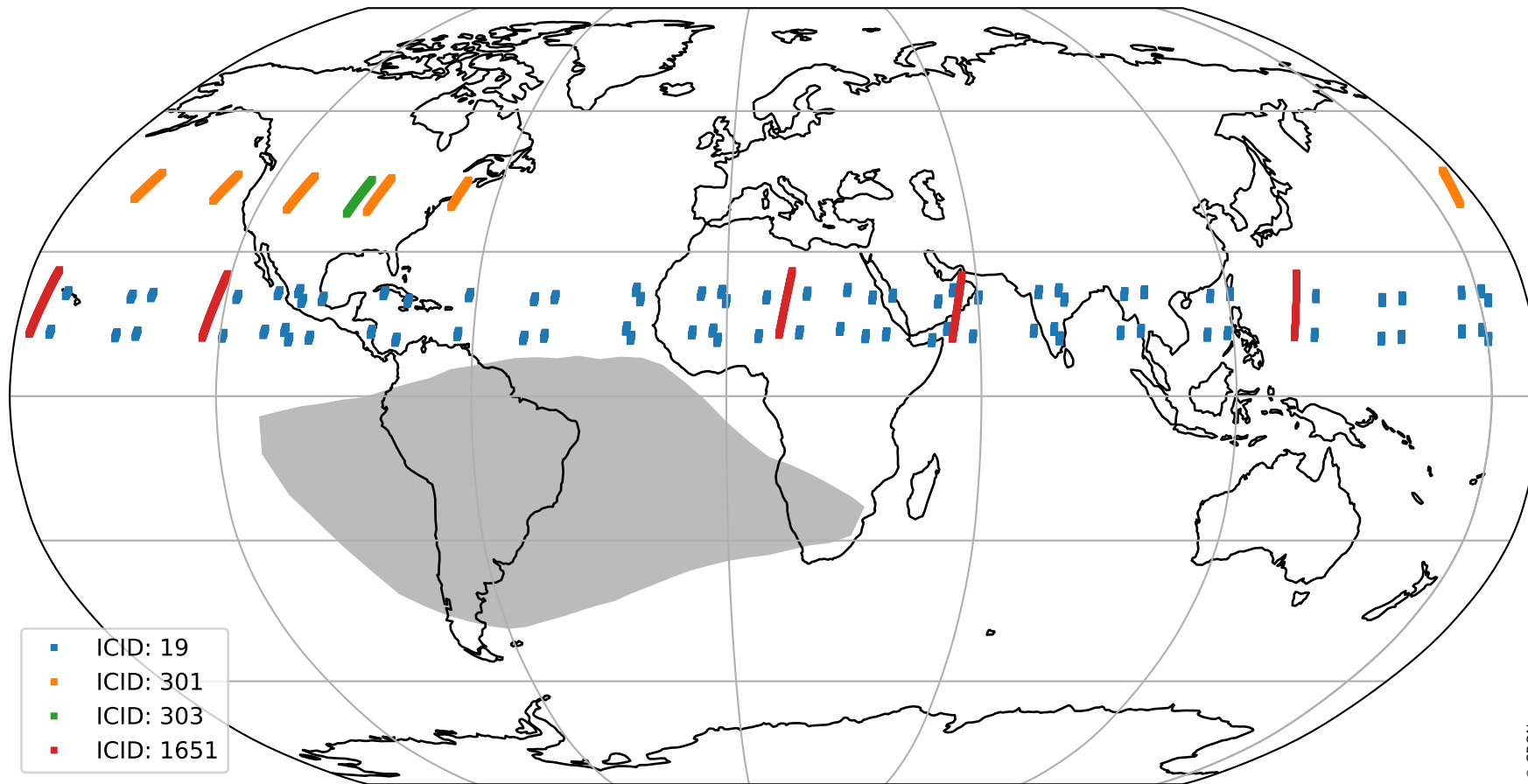
orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
median : 0.98407
spread : 0.16082
created : 2023-08-21T15:13:01

normalized read noise



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

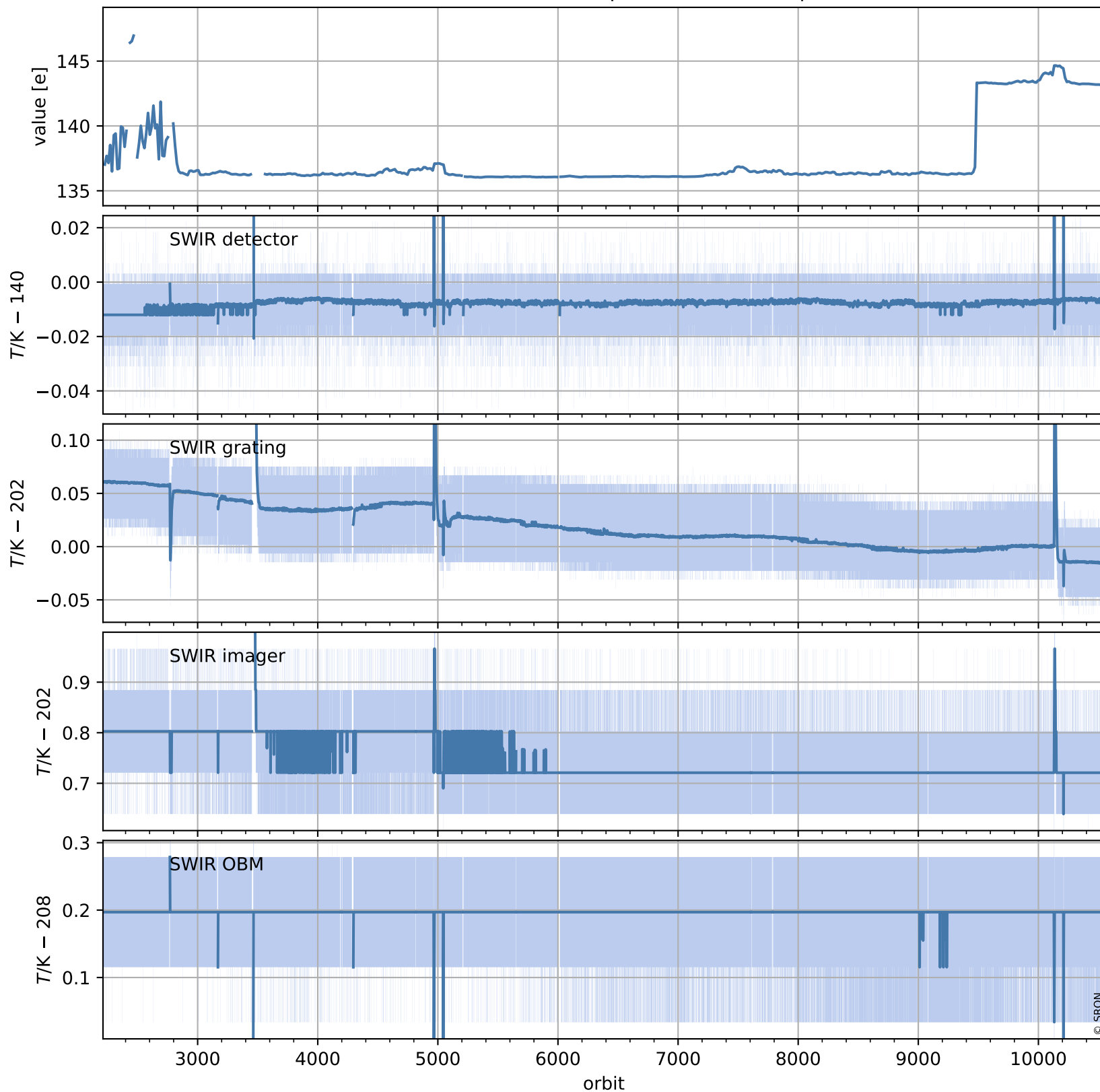
orbits : 12 in [10477, 10552]
coverage : 2019-10-21 / 2019-10-26
created : 2023-08-21T15:13:02



Tropomi SWIR background noise (swir)

orbits : [2212, 10552]
coverage : 2018-03-18 / 2019-10-26
created : 2023-08-21T15:13:02

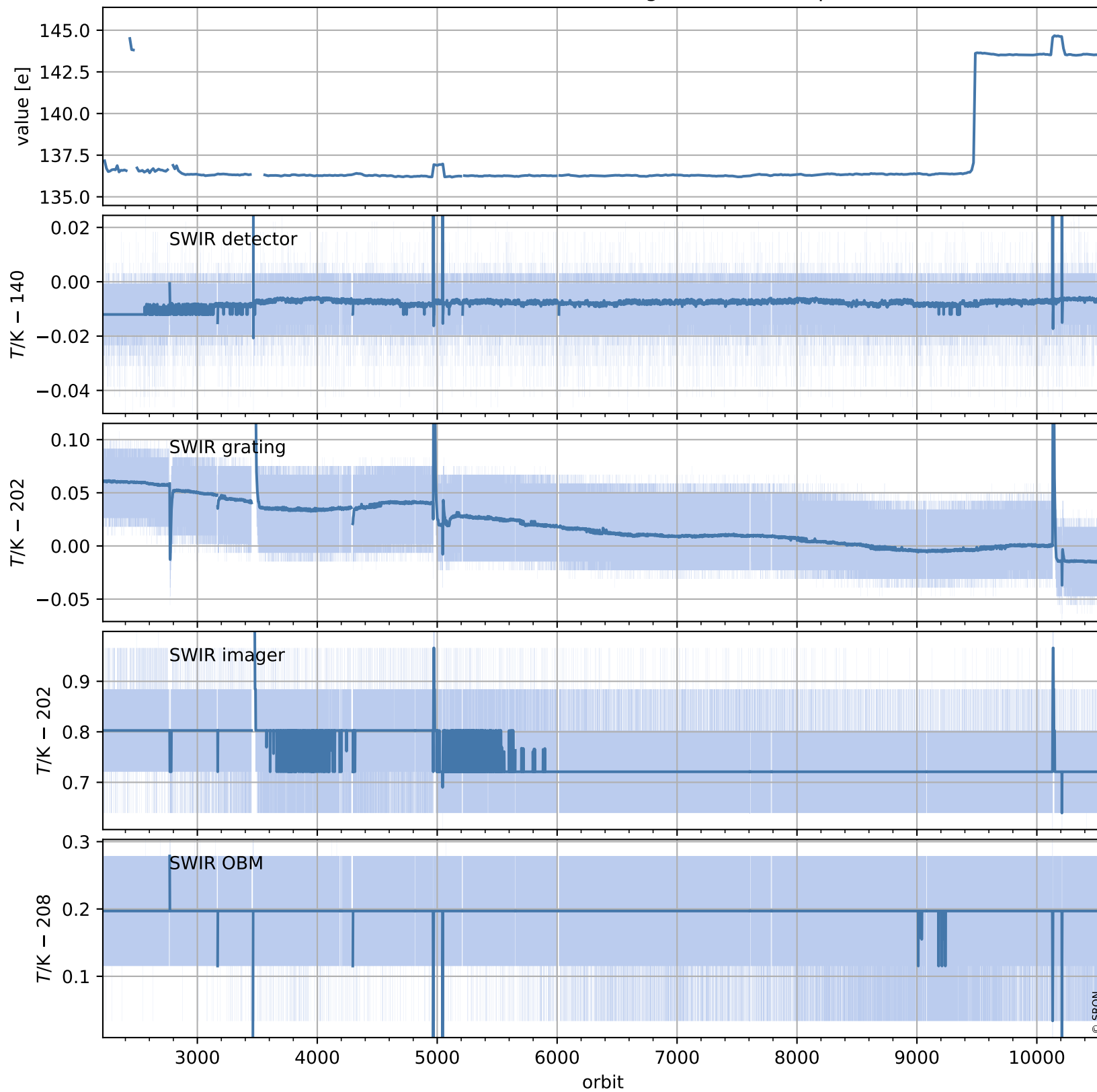
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10552]
coverage : 2018-03-18 / 2019-10-26
created : 2023-08-21T15:13:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10552]
coverage : 2018-03-18 / 2019-10-26
created : 2023-08-21T15:13:04

trend of normalized read-noise & temperatures

