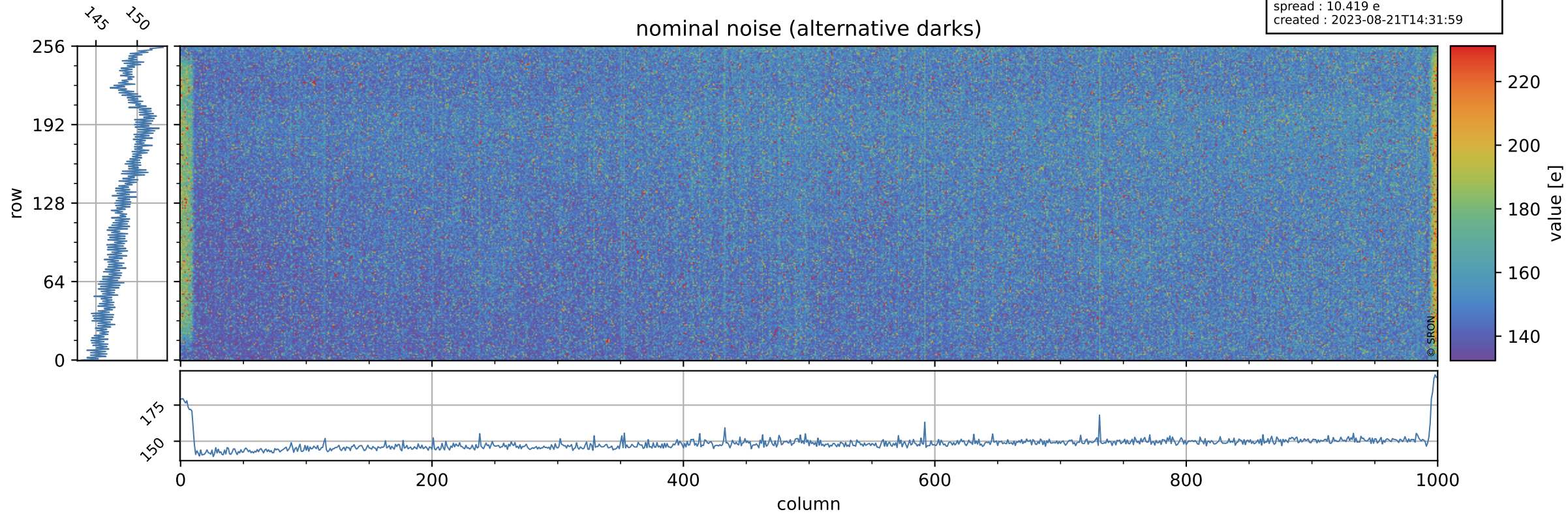


Tropomi SWIR background noise (swir)

orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.419 e
created : 2023-08-21T14:31:59

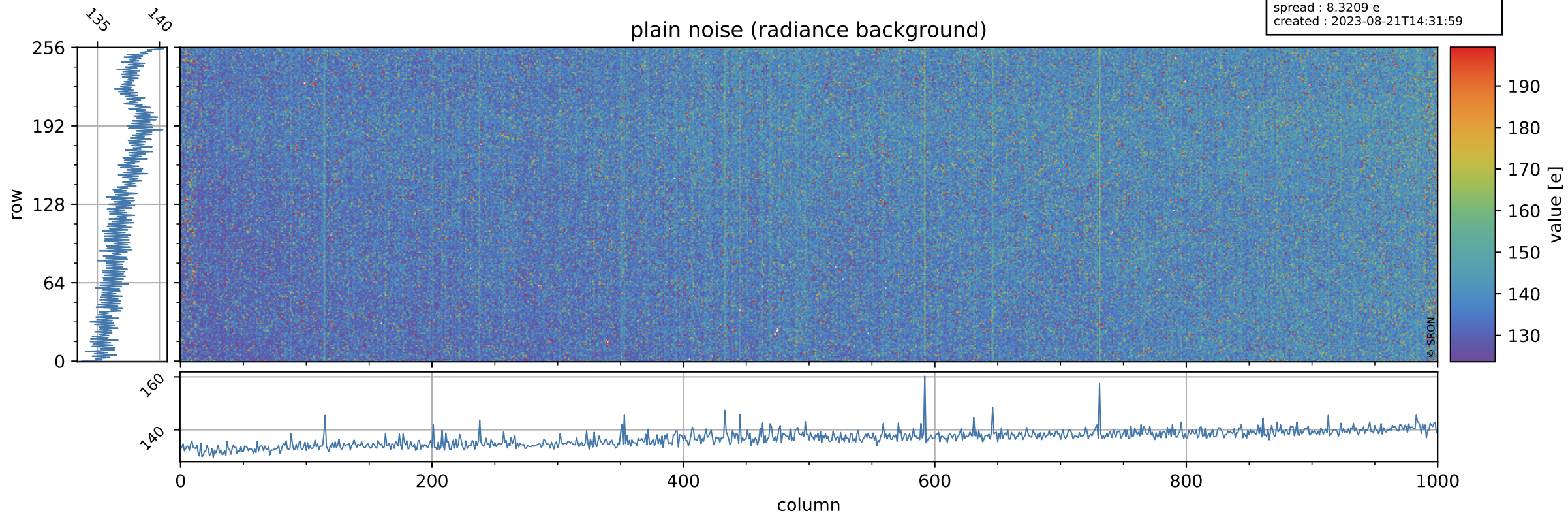
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

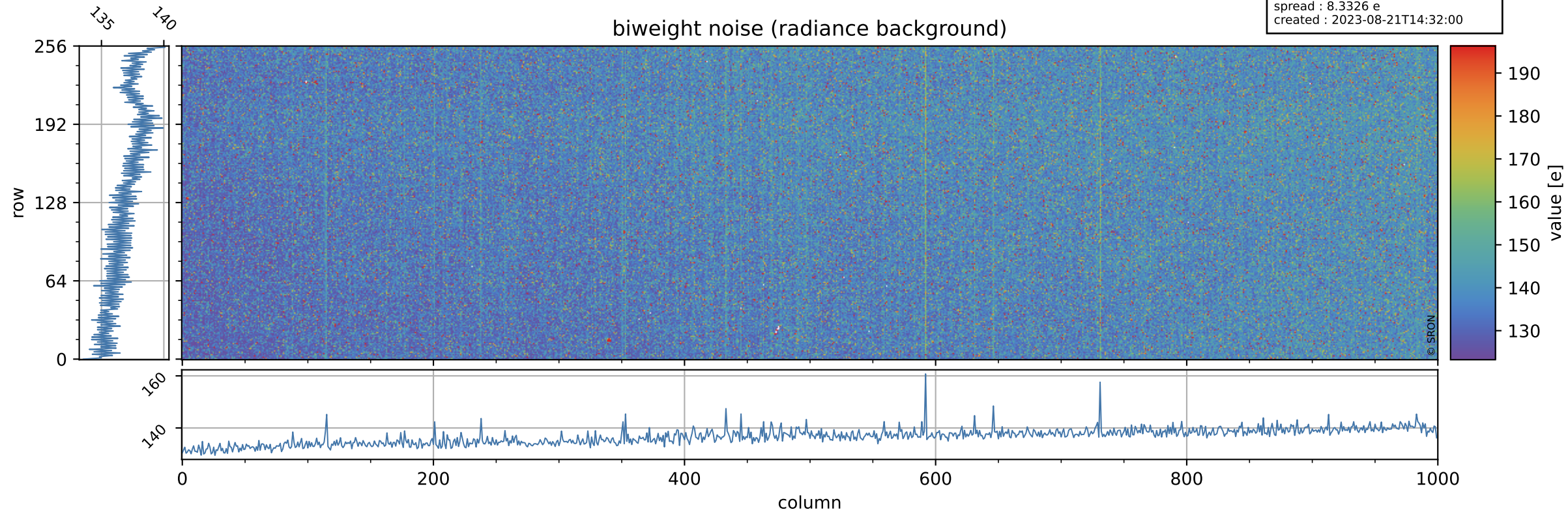
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
n_coad, t_exp : 2, 0.5383
median : 137.05 e
spread : 8.3209 e
created : 2023-08-21T14:31:59

plain noise (radiance background)



Tropomi SWIR background noise (swir)

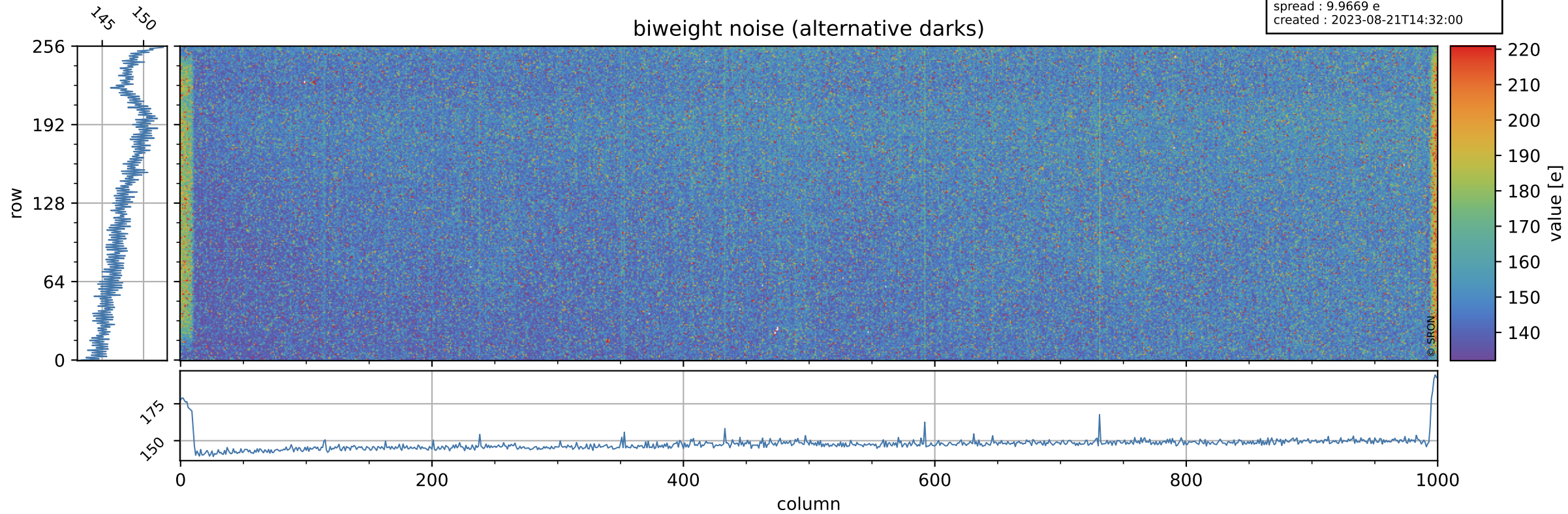
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
n_coad, t_exp : 2, 0.5383
median : 136.85 e
spread : 8.3326 e
created : 2023-08-21T14:32:00



Tropomi SWIR background noise (swir)

orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 9.9669 e
created : 2023-08-21T14:32:00

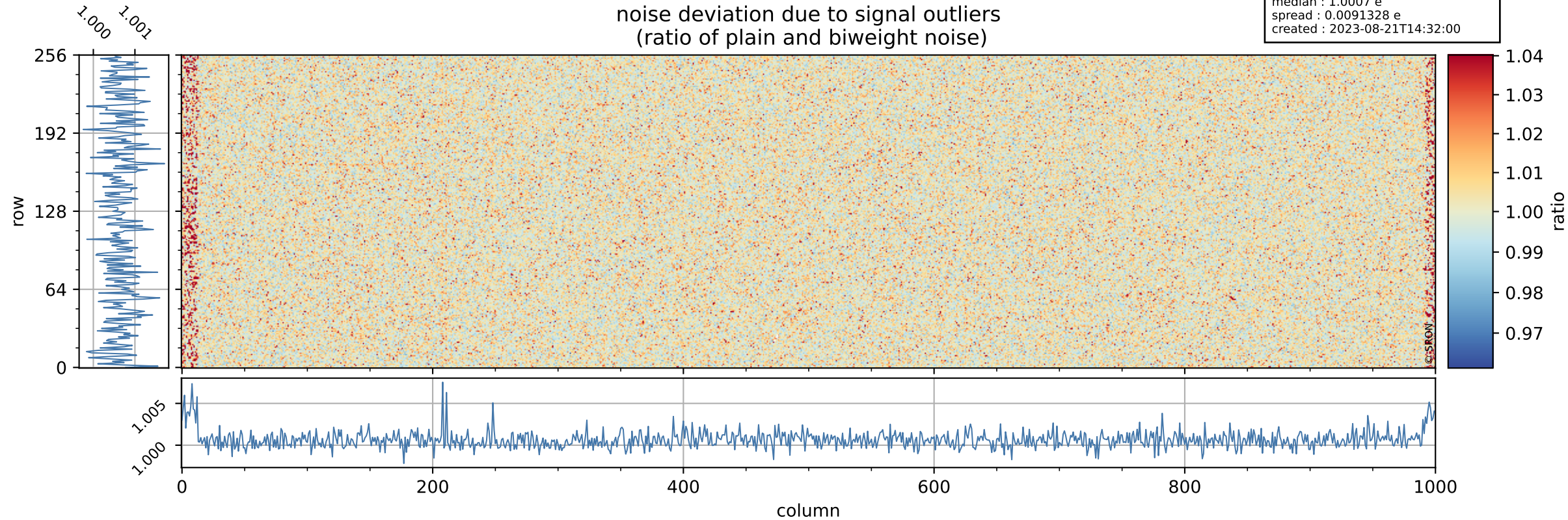
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

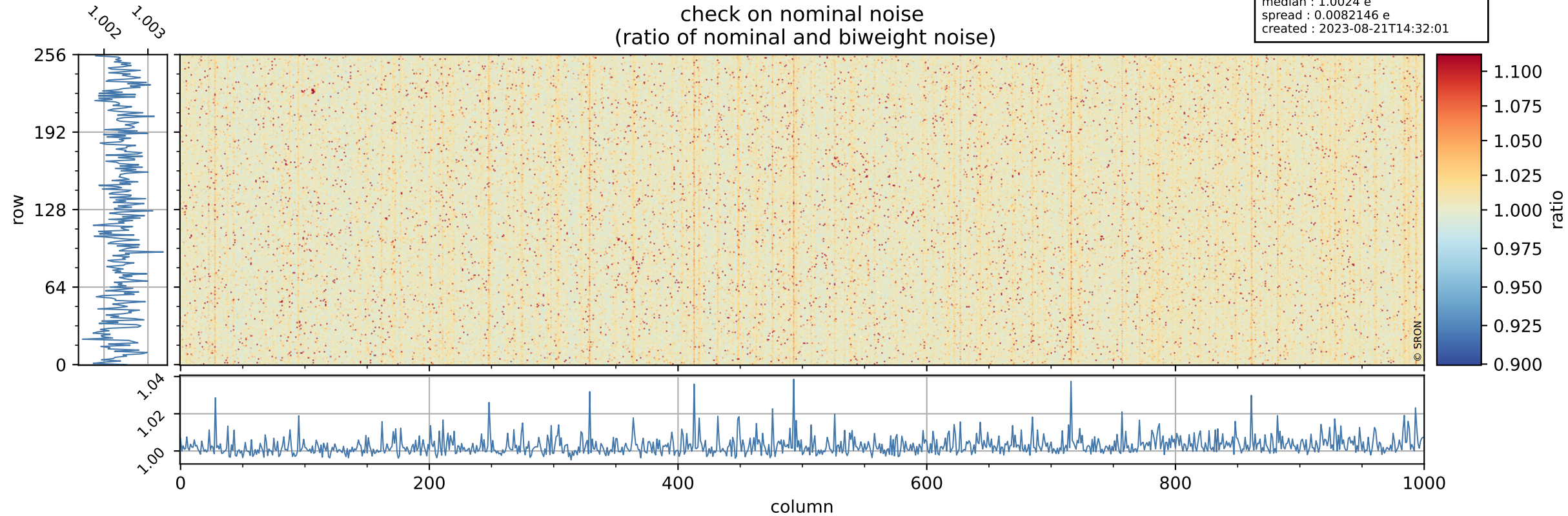
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
median : 1.0007 e
spread : 0.0091328 e
created : 2023-08-21T14:32:00



Tropomi SWIR background noise (swir)

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

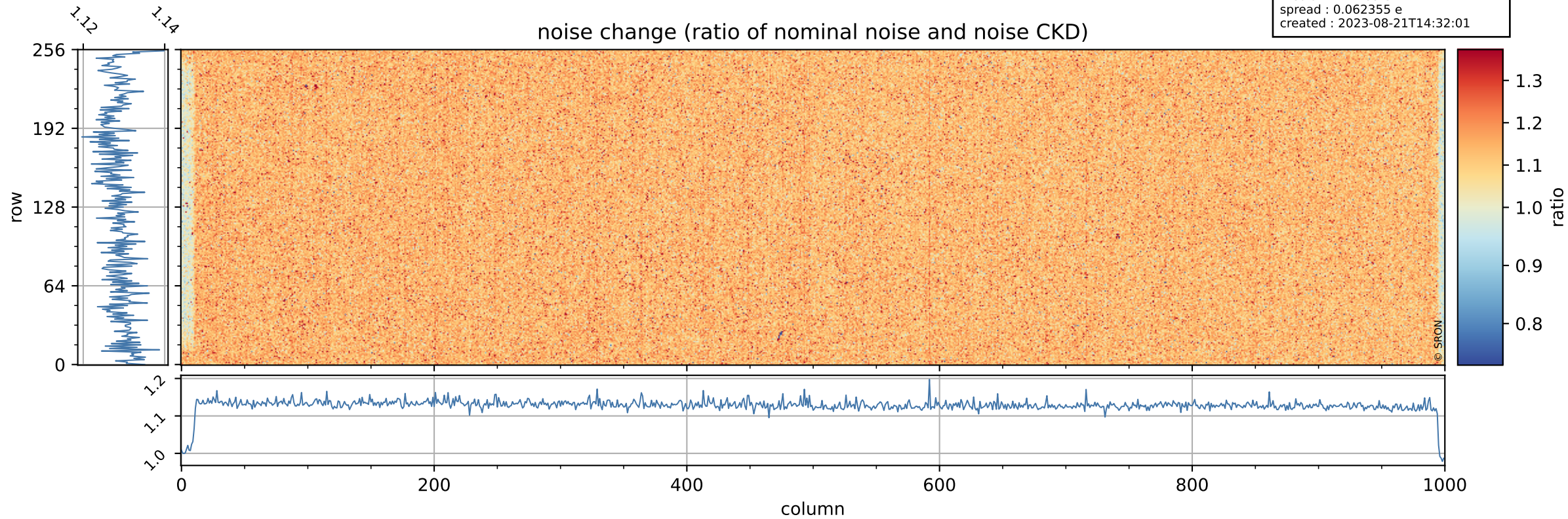
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
median : 1.0024 e
spread : 0.0082146 e
created : 2023-08-21T14:32:01



Tropomi SWIR background noise (swir)

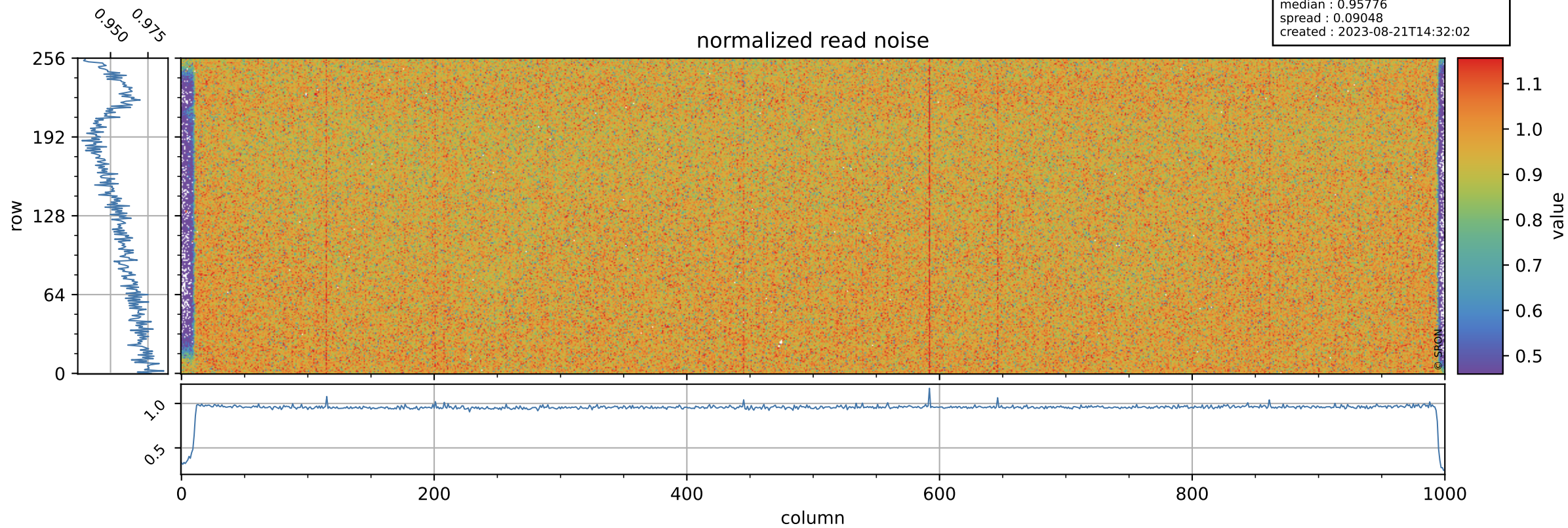
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
median : 1.1283 e
spread : 0.062355 e
created : 2023-08-21T14:32:01

noise change (ratio of nominal noise and noise CKD)



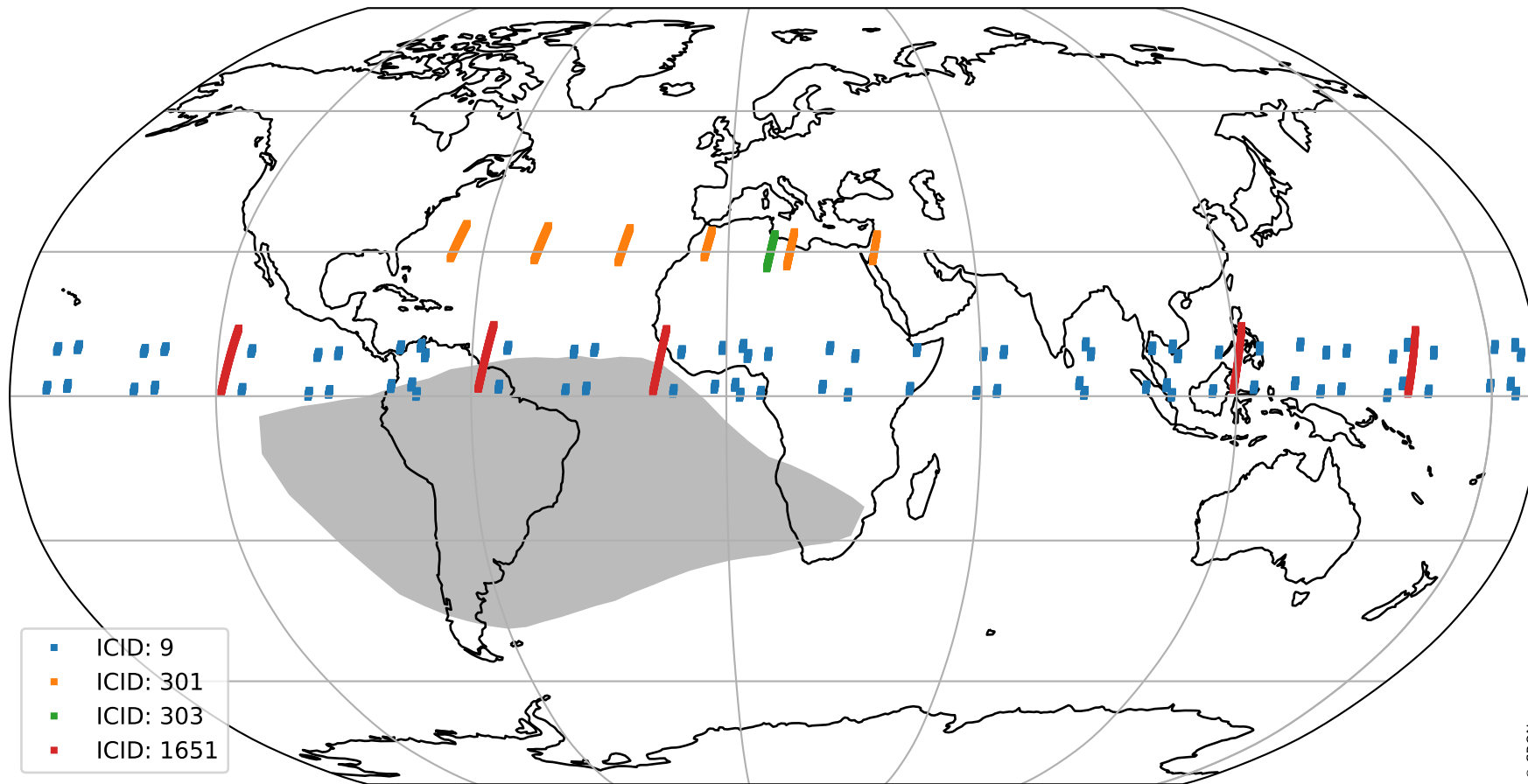
Tropomi SWIR background noise (swir)

orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
median : 0.95776
spread : 0.09048
created : 2023-08-21T14:32:02



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

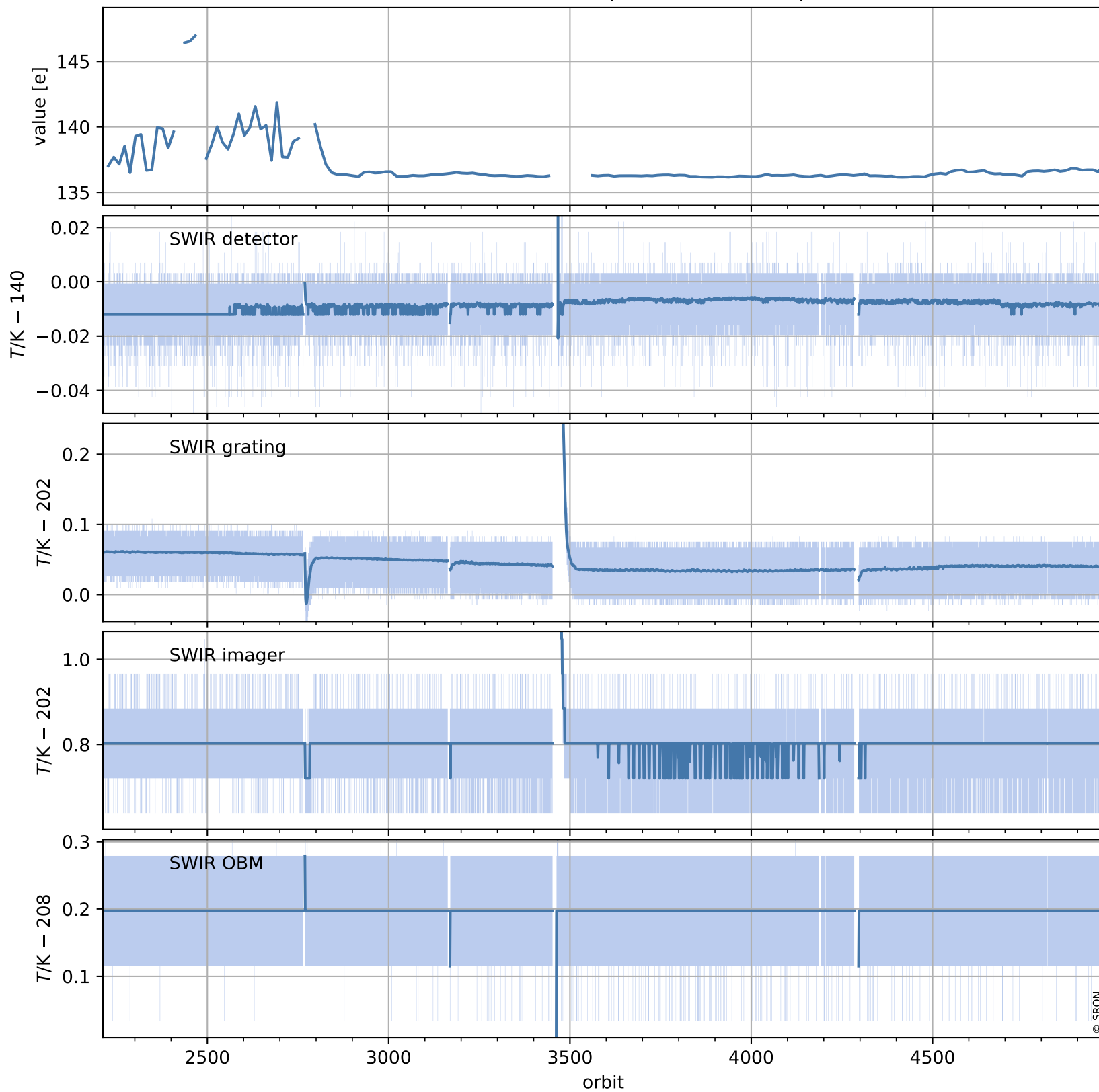
orbits : 12 in [4897, 4972]
coverage : 2018-09-22 / 2018-09-28
created : 2023-08-21T14:32:02



Tropomi SWIR background noise (swir)

orbits : [2212, 4972]
coverage : 2018-03-18 / 2018-09-28
created : 2023-08-21T14:32:02

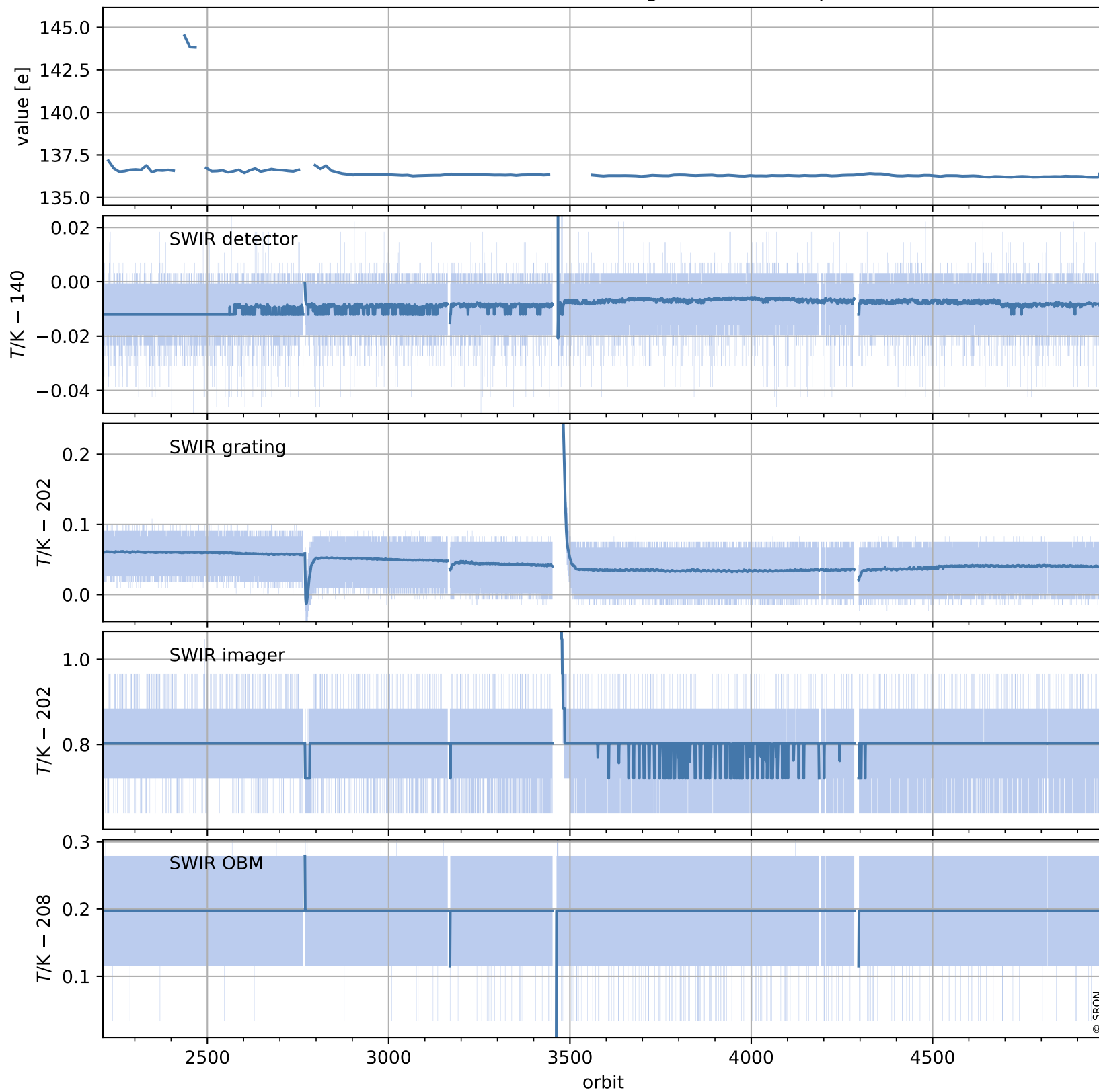
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4972]
coverage : 2018-03-18 / 2018-09-28
created : 2023-08-21T14:32:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4972]
coverage : 2018-03-18 / 2018-09-28
created : 2023-08-21T14:32:04

trend of normalized read-noise & temperatures

