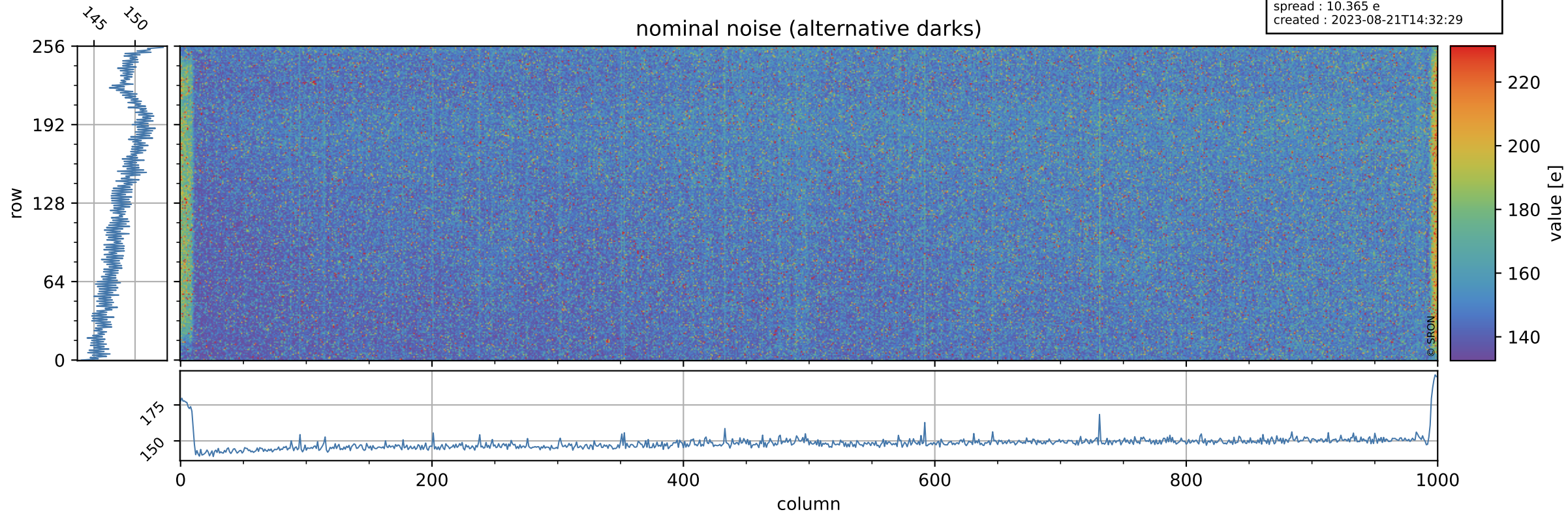


Tropomi SWIR background noise (swir)

orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.365 e
created : 2023-08-21T14:32:29

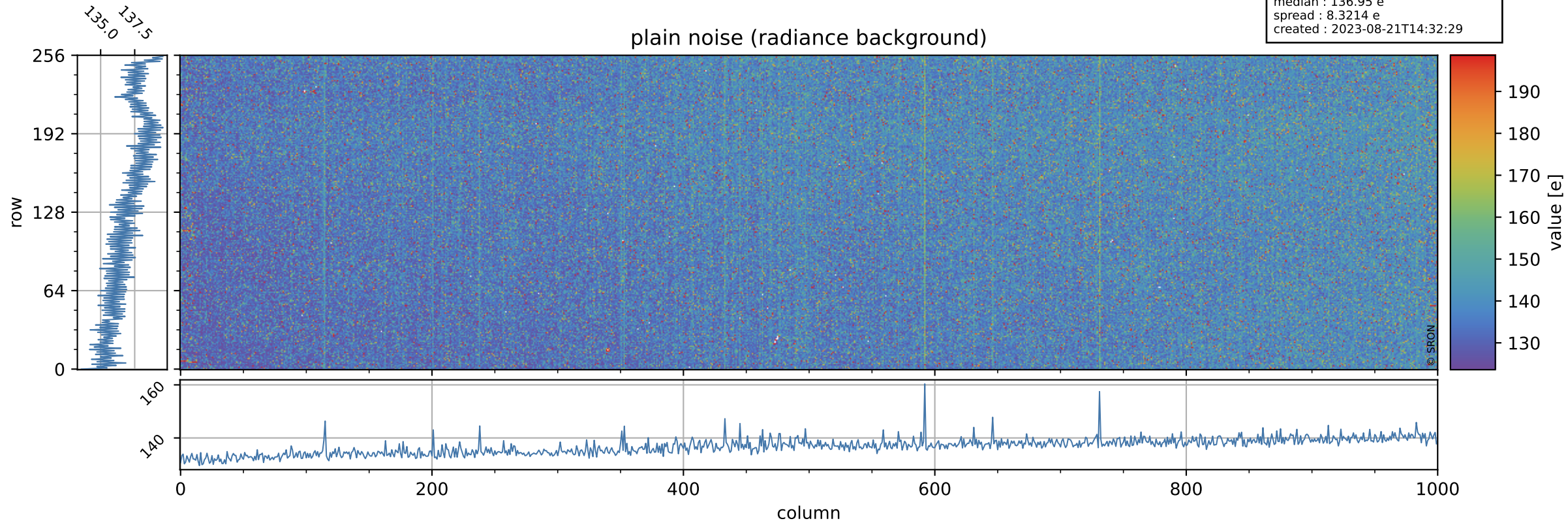
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
n_coad, t_exp : 2, 0.5383
median : 136.95 e
spread : 8.3214 e
created : 2023-08-21T14:32:29

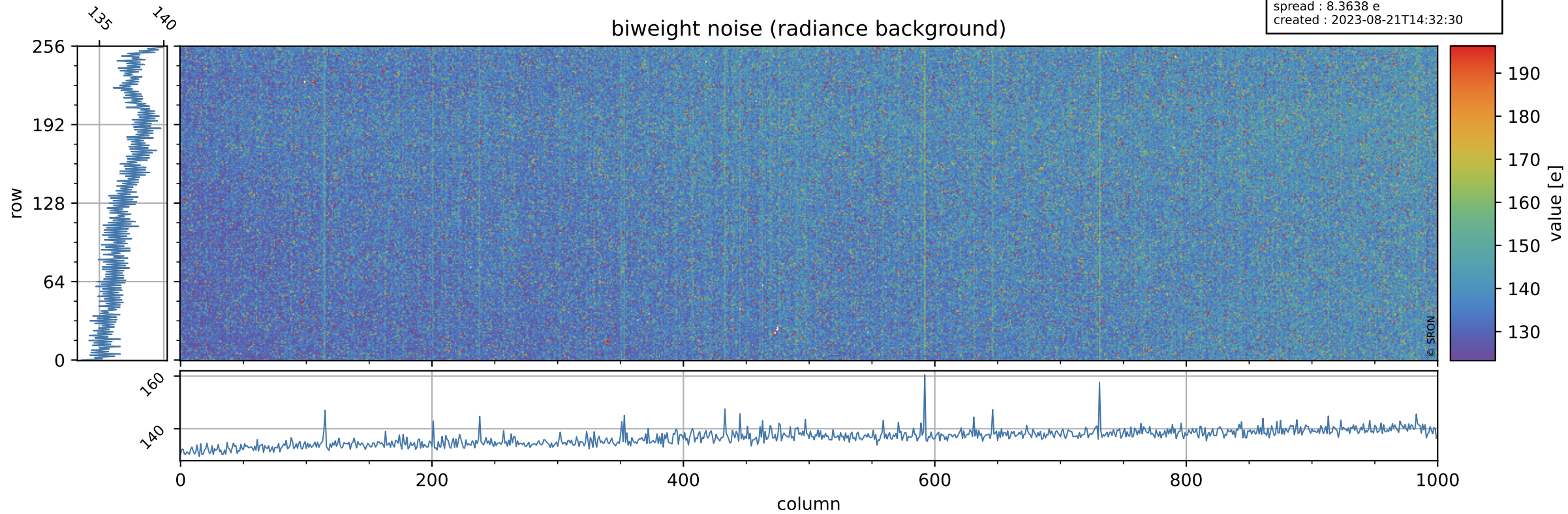
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
n_coad, t_exp : 2, 0.5383
median : 136.88 e
spread : 8.3638 e
created : 2023-08-21T14:32:30

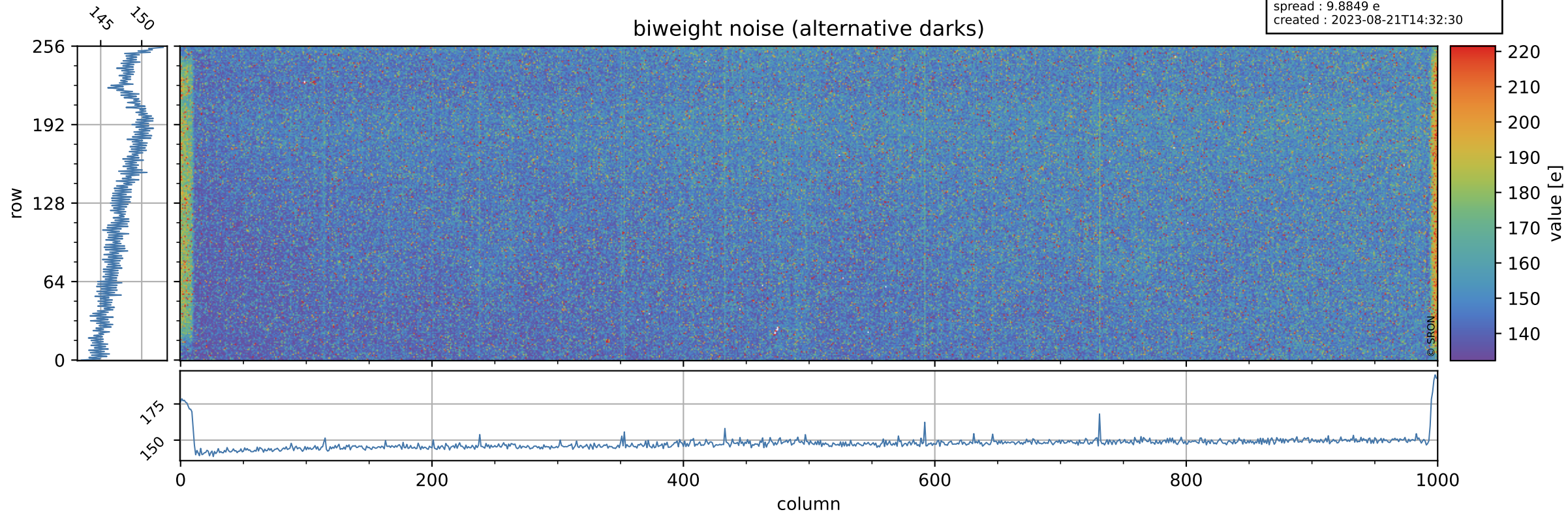
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8849 e
created : 2023-08-21T14:32:30

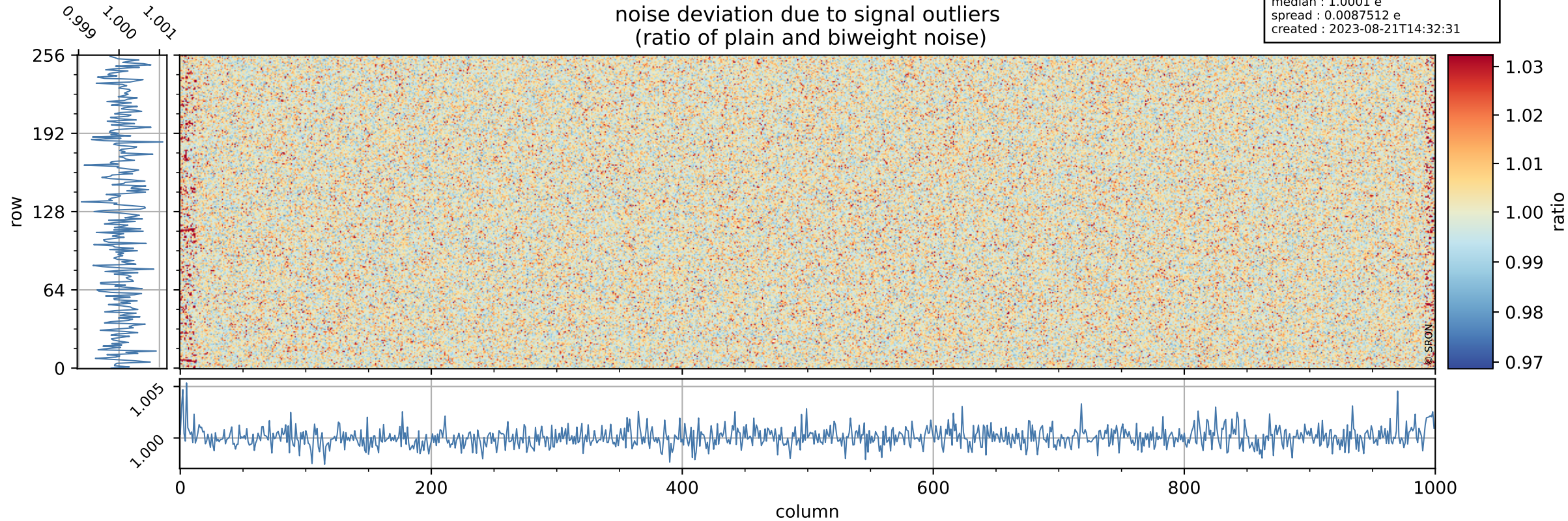
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

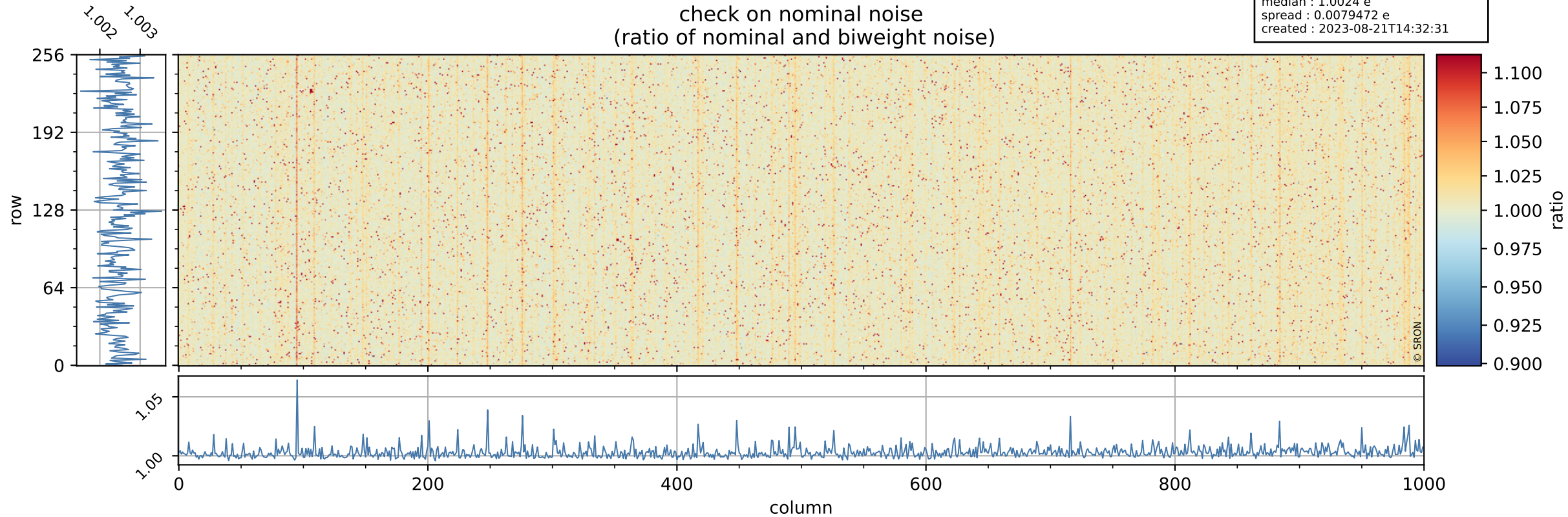
orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
median : 1.0001 e
spread : 0.0087512 e
created : 2023-08-21T14:32:31



Tropomi SWIR background noise (swir)

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

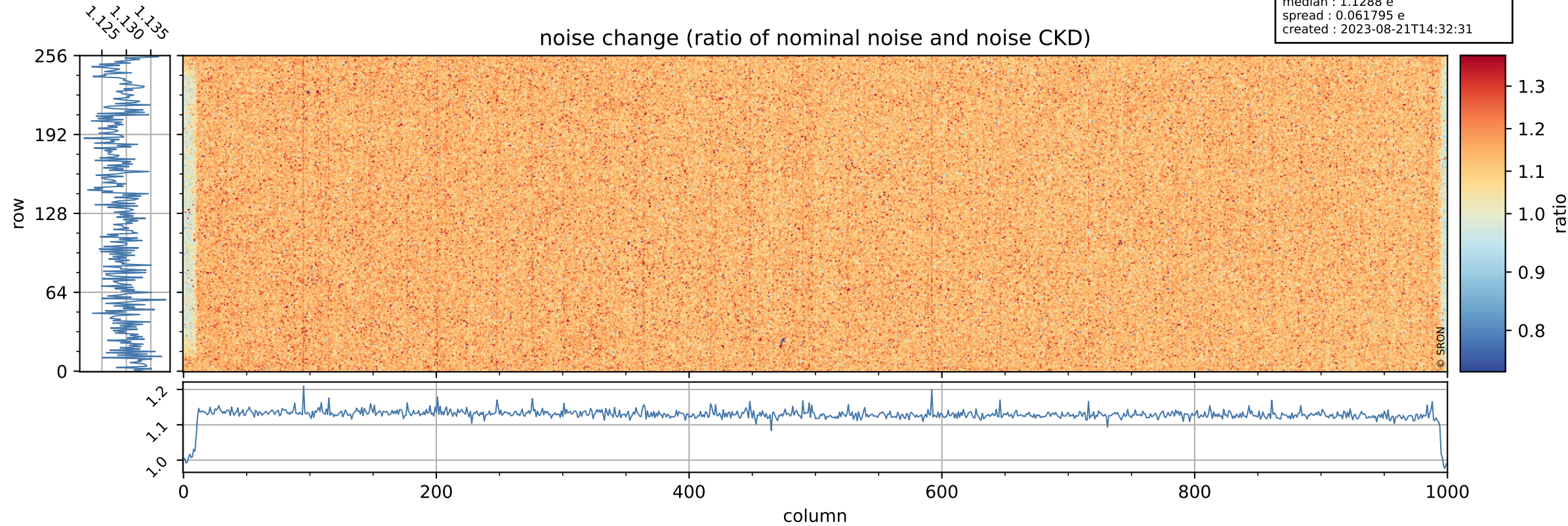
orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
median : 1.0024 e
spread : 0.0079472 e
created : 2023-08-21T14:32:31



Tropomi SWIR background noise (swir)

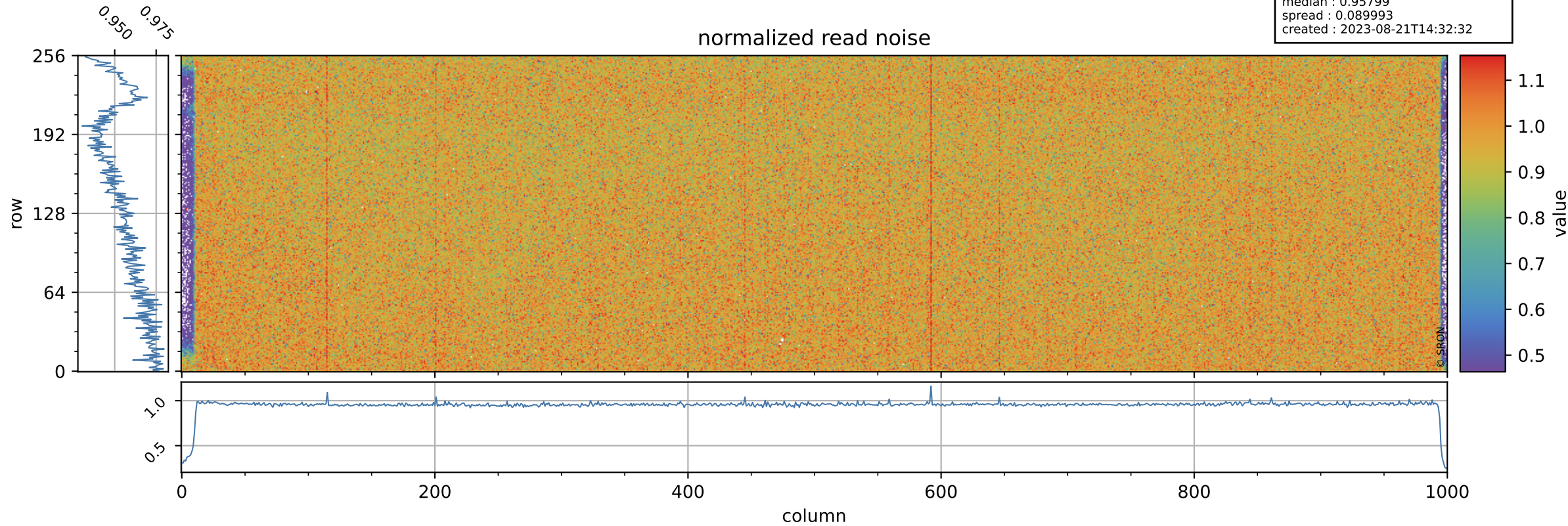
orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
median : 1.1288 e
spread : 0.061795 e
created : 2023-08-21T14:32:31

noise change (ratio of nominal noise and noise CKD)



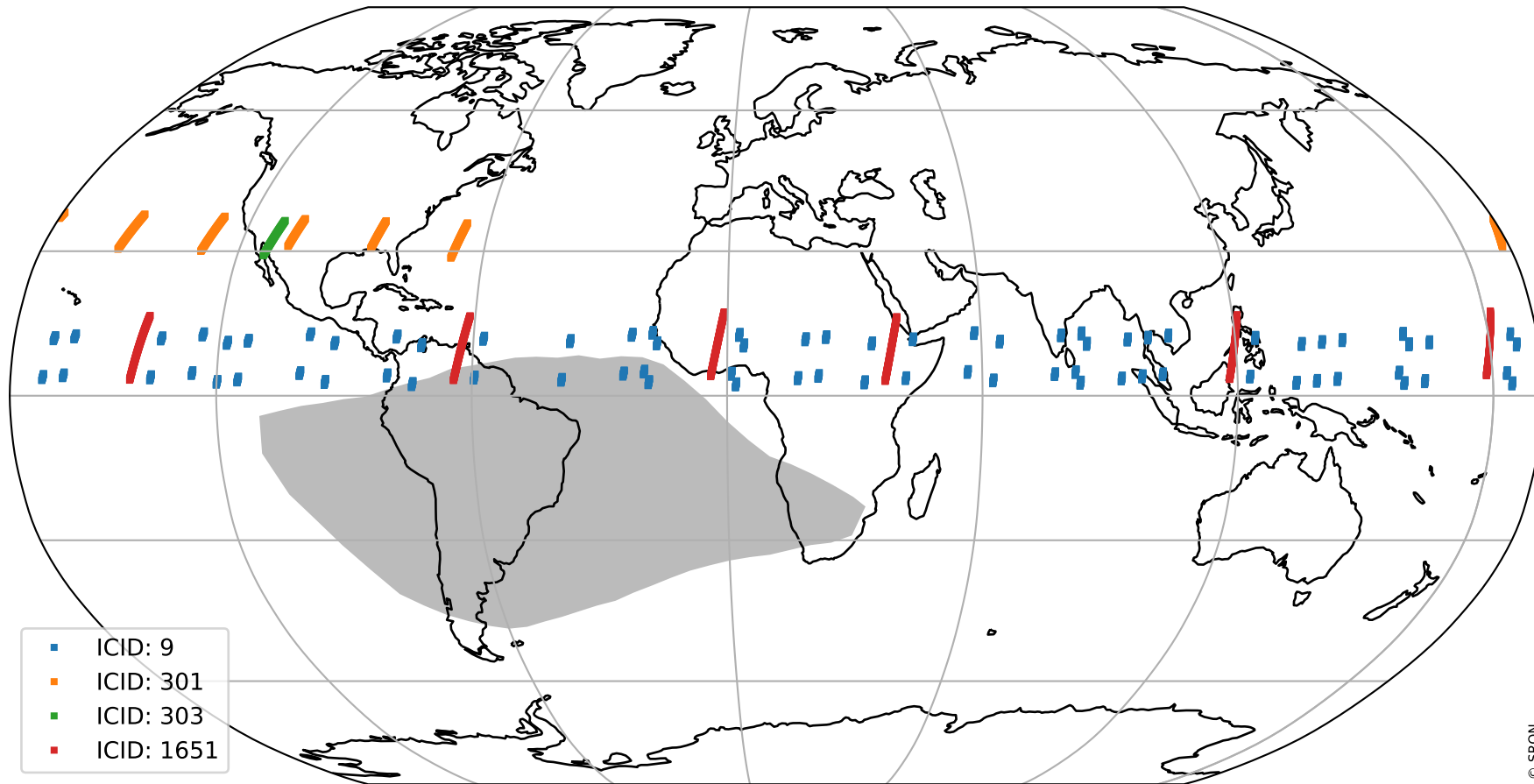
Tropomi SWIR background noise (swir)

orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
median : 0.95799
spread : 0.089993
created : 2023-08-21T14:32:32



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

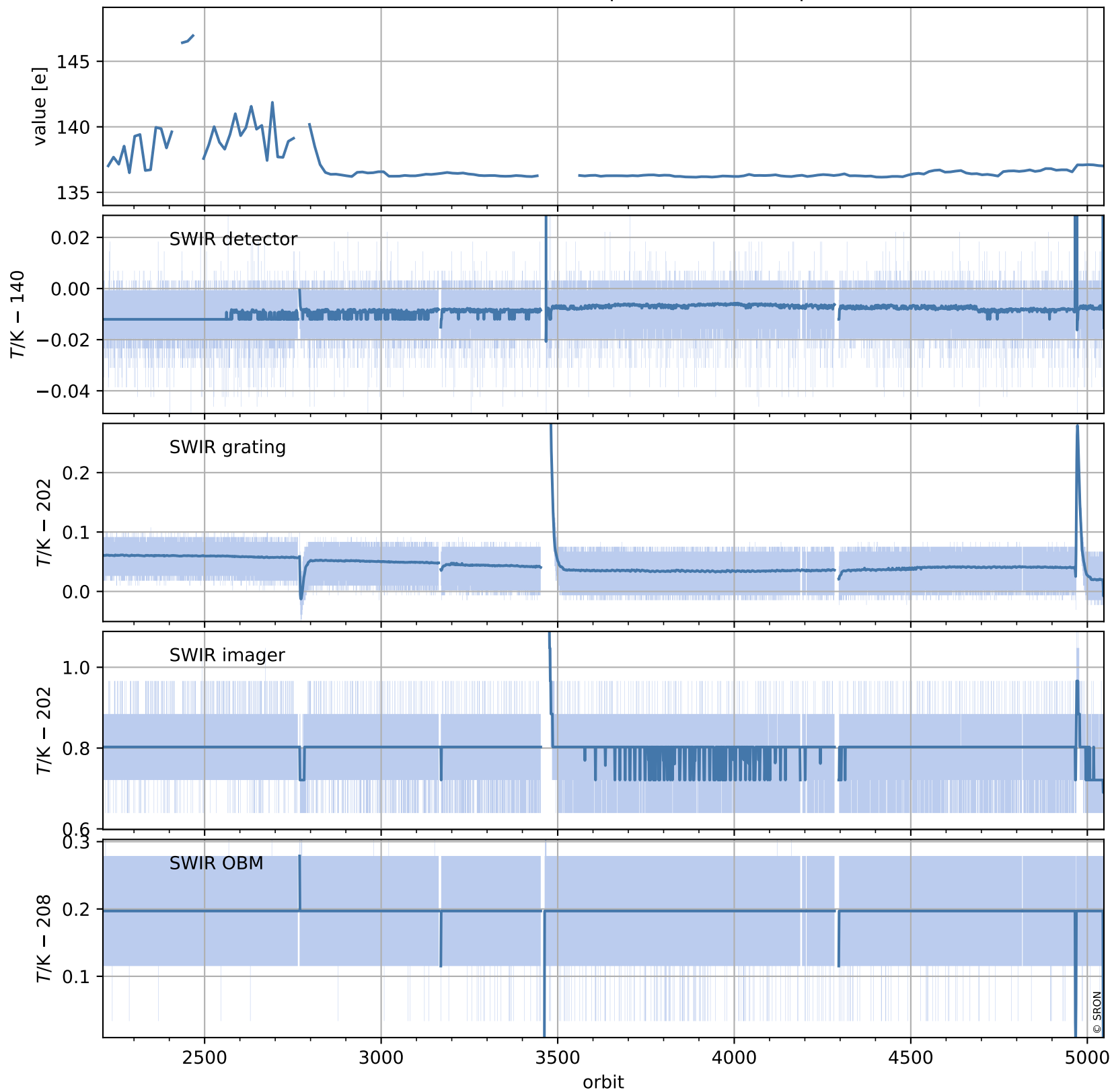
orbits : 13 in [4972, 5047]
coverage : 2018-09-28 / 2018-10-03
created : 2023-08-21T14:32:33



Tropomi SWIR background noise (swir)

orbits : [2212, 5047]
coverage : 2018-03-18 / 2018-10-03
created : 2023-08-21T14:32:33

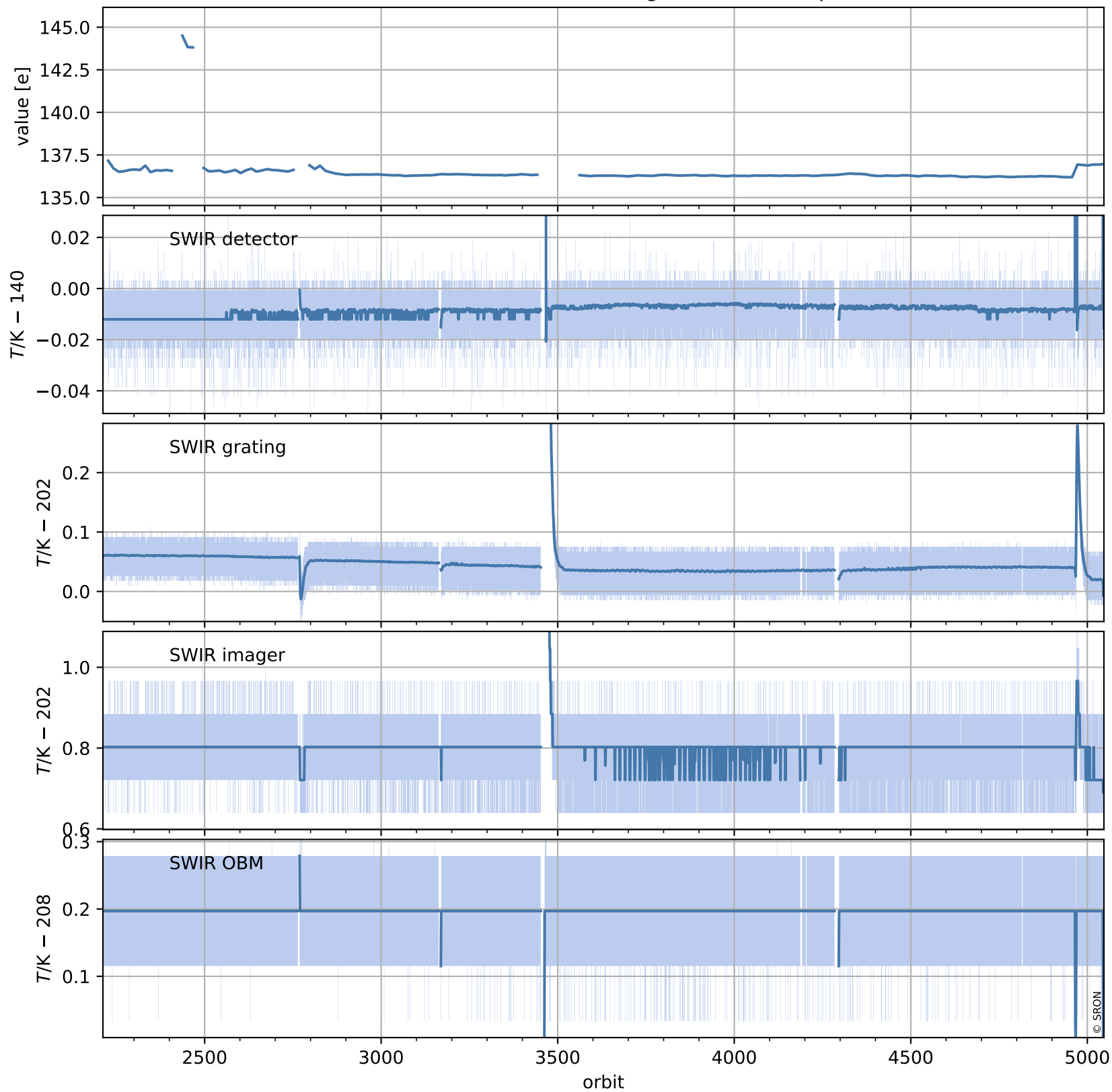
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5047]
coverage : 2018-03-18 / 2018-10-03
created : 2023-08-21T14:32:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5047]
coverage : 2018-03-18 / 2018-10-03
created : 2023-08-21T14:32:34

trend of normalized read-noise & temperatures

