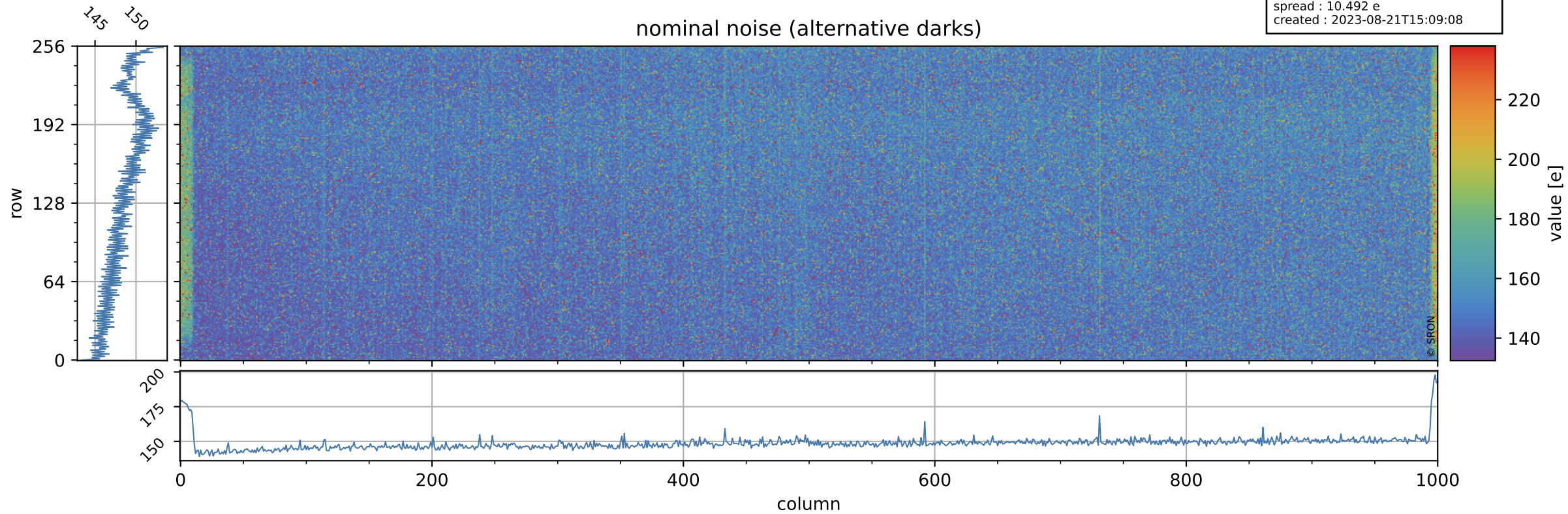


Tropomi SWIR background noise (swir)

orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.492 e
created : 2023-08-21T15:09:08

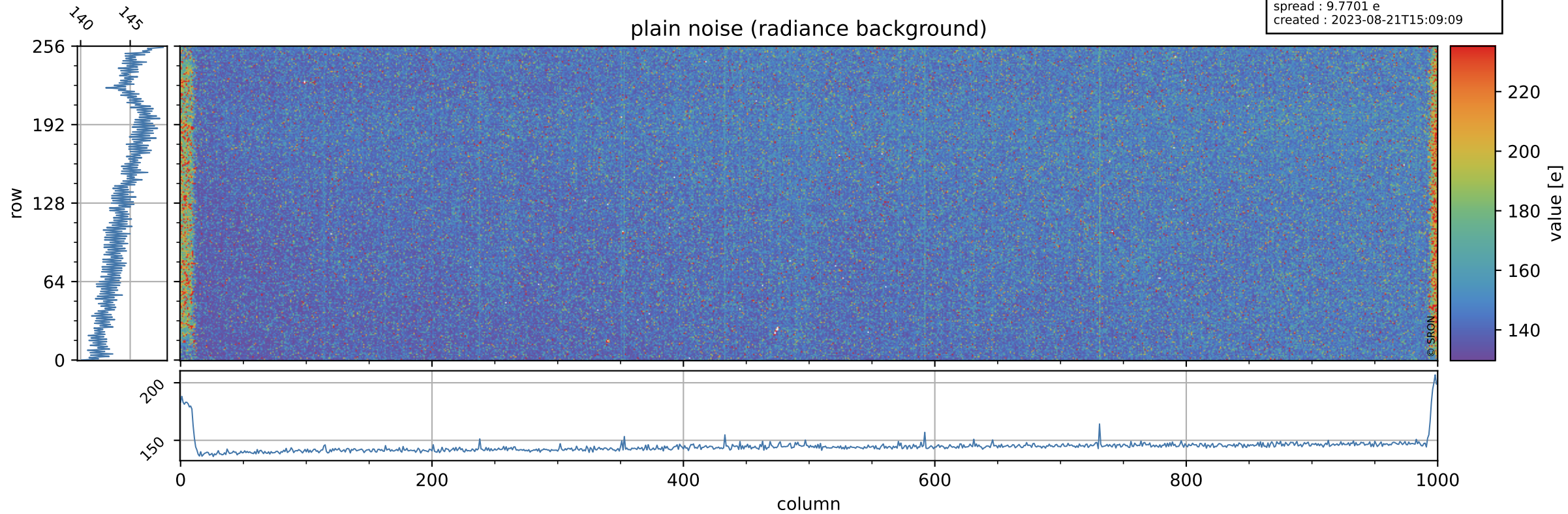
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
n_coad, t_exp : 1, 0.8383
median : 144.2 e
spread : 9.7701 e
created : 2023-08-21T15:09:09

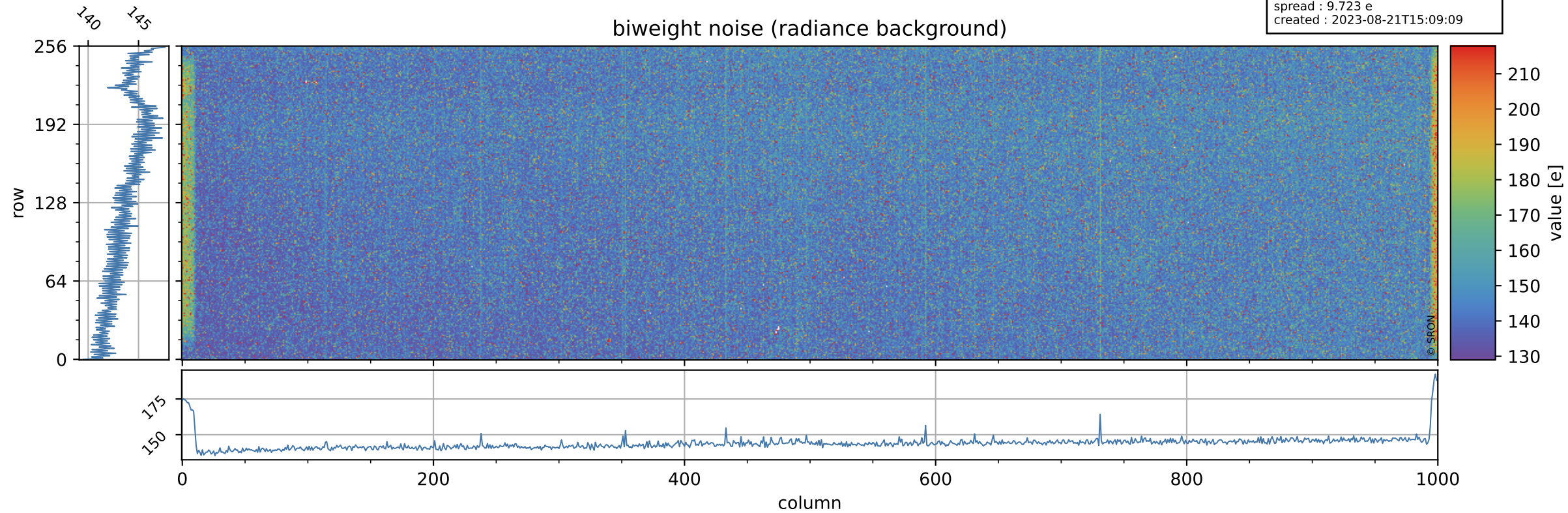
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.723 e
created : 2023-08-21T15:09:09

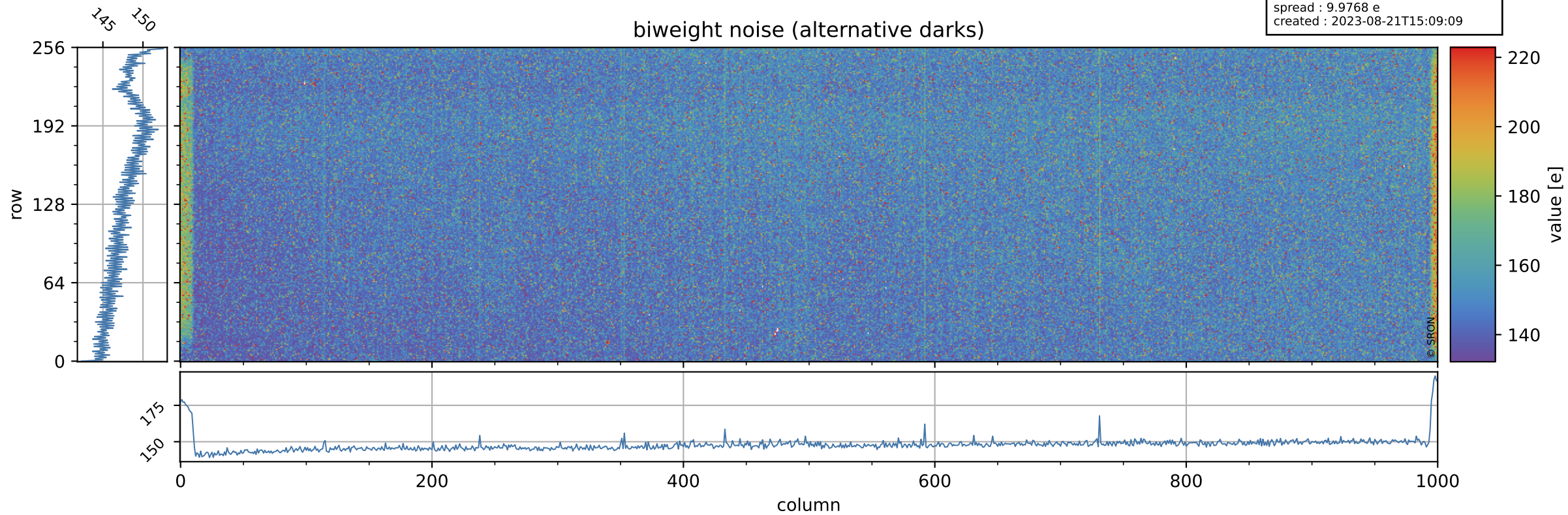
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9768 e
created : 2023-08-21T15:09:09

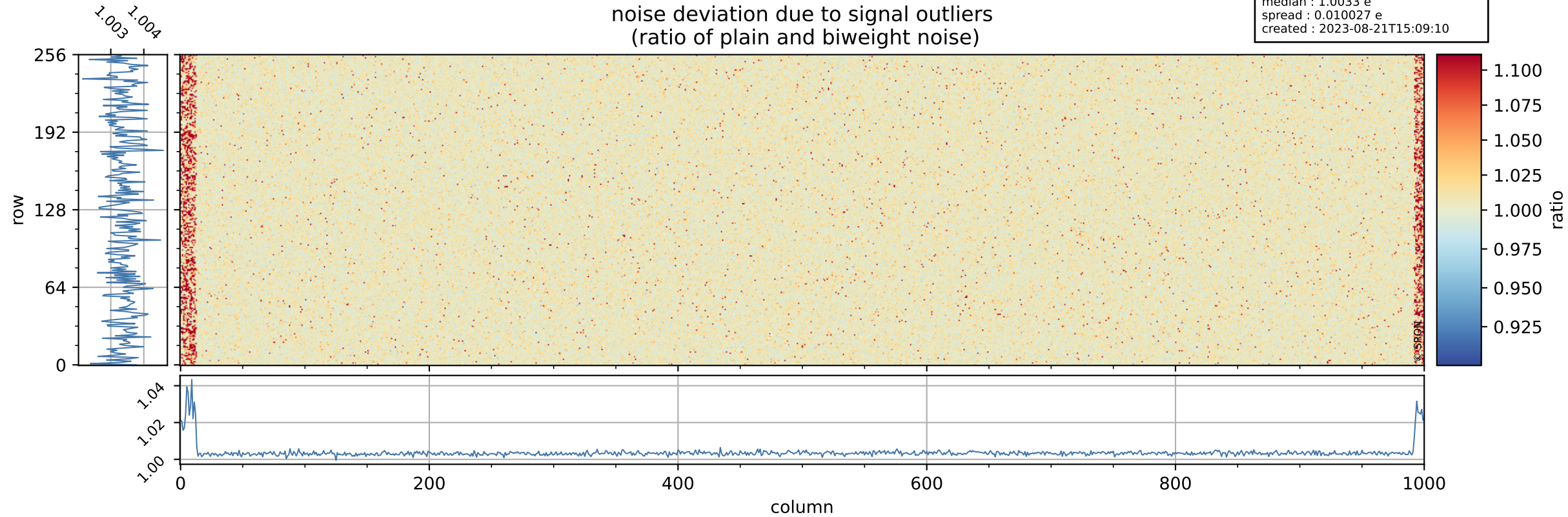
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

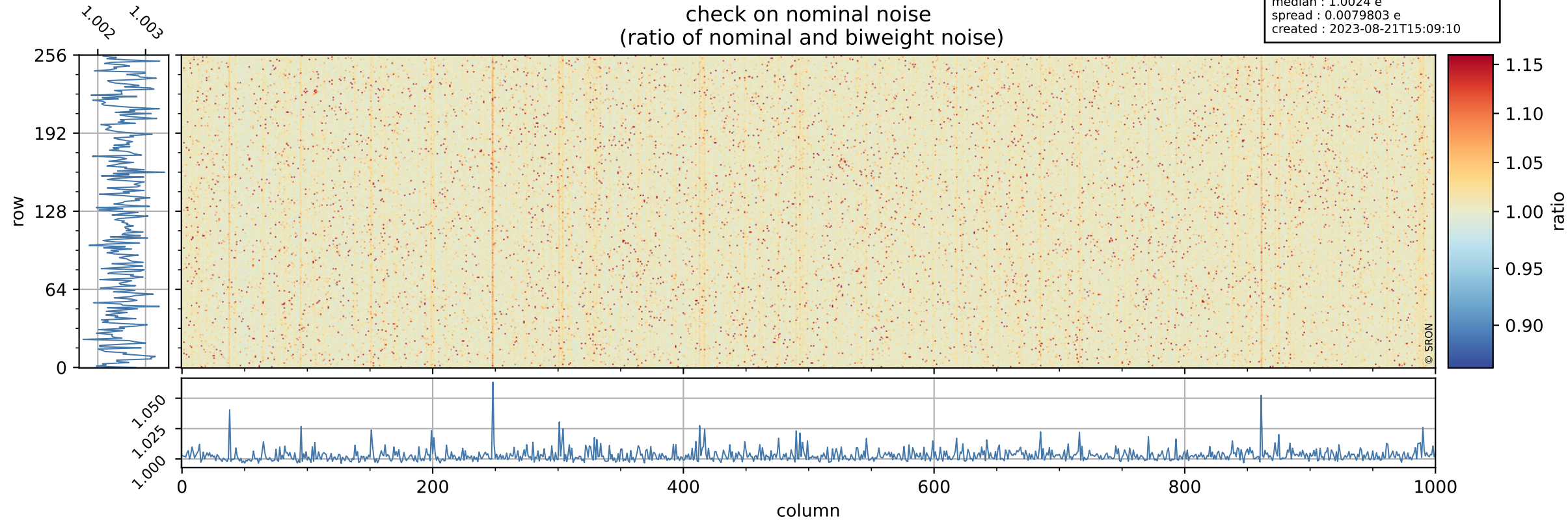
orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
median : 1.0033 e
spread : 0.010027 e
created : 2023-08-21T15:09:10



Tropomi SWIR background noise (swir)

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

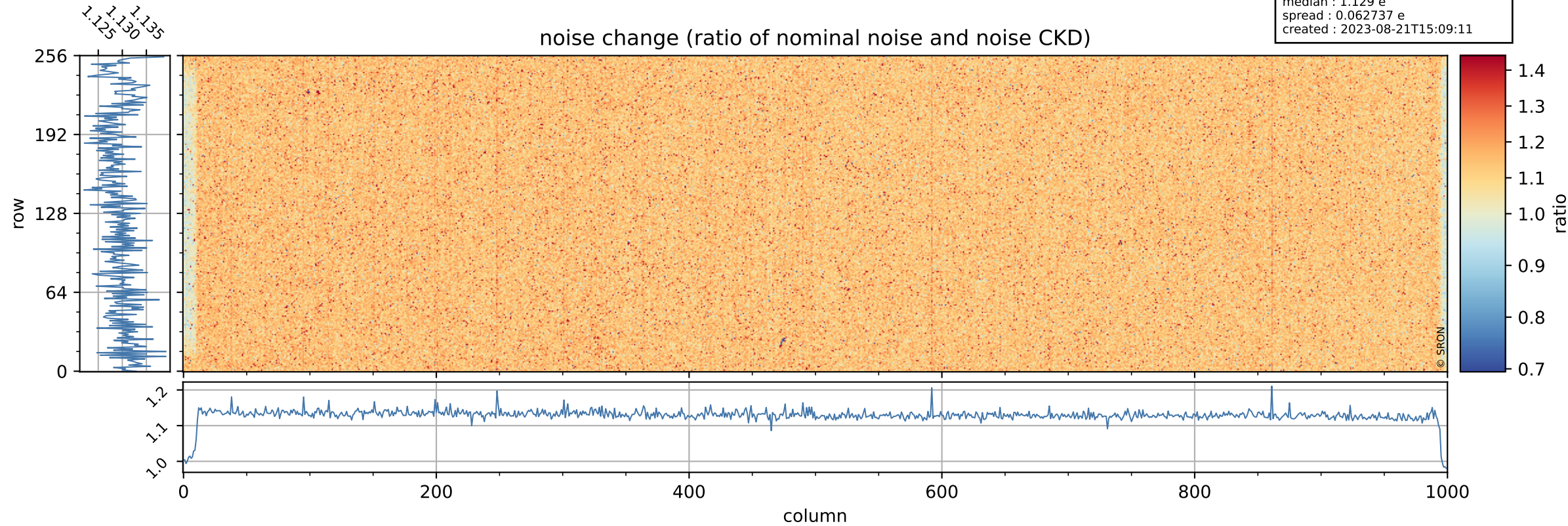
orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
median : 1.0024 e
spread : 0.0079803 e
created : 2023-08-21T15:09:10



Tropomi SWIR background noise (swir)

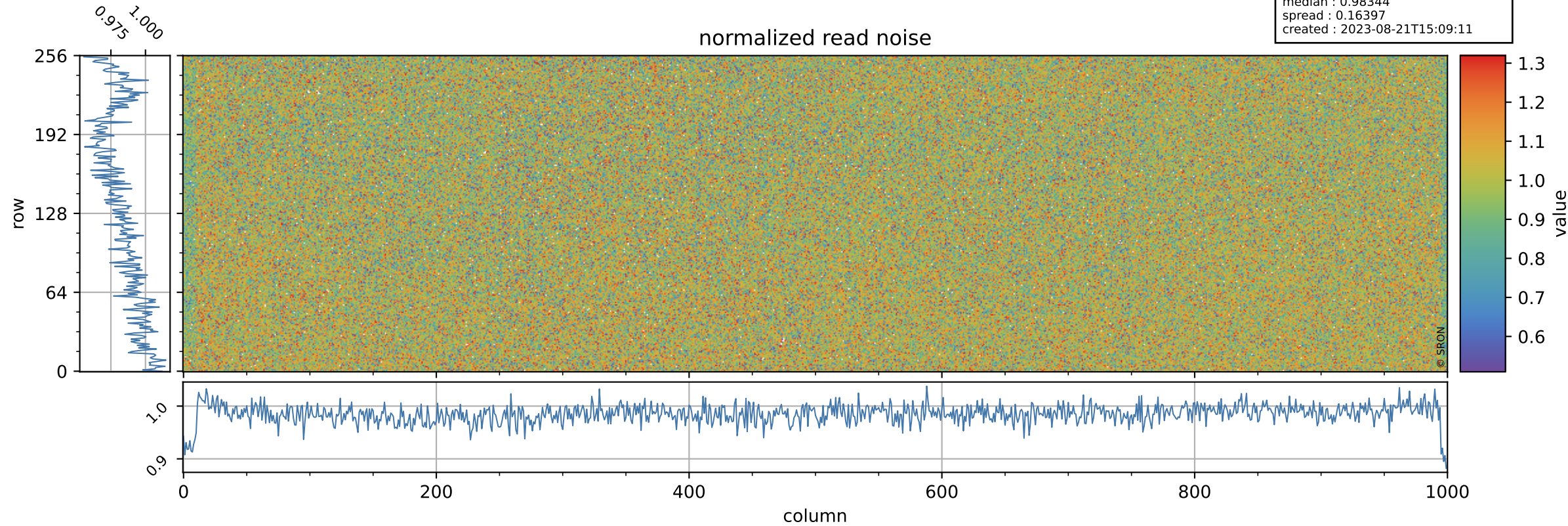
orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
median : 1.129 e
spread : 0.062737 e
created : 2023-08-21T15:09:11

noise change (ratio of nominal noise and noise CKD)



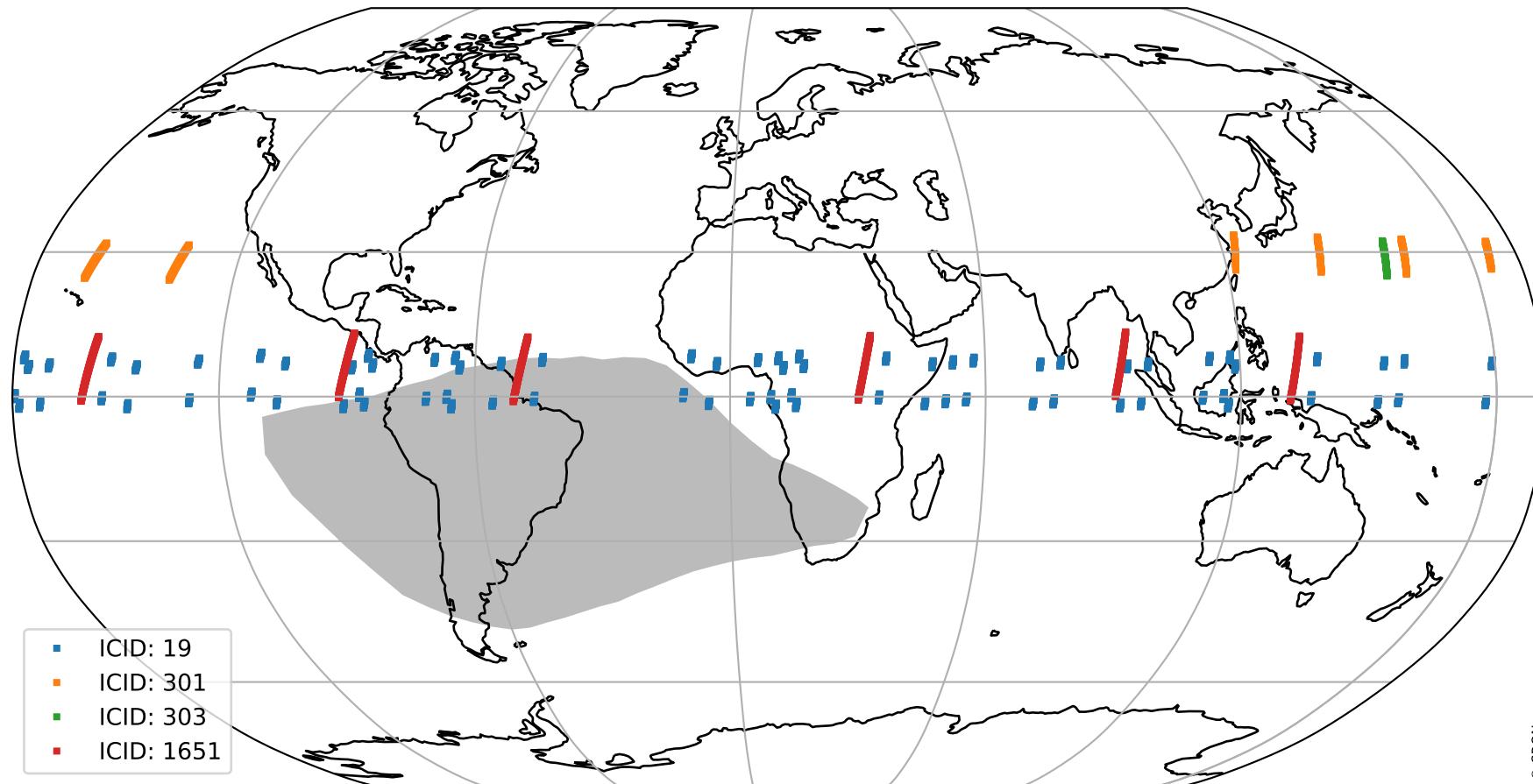
Tropomi SWIR background noise (swir)

orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
median : 0.98344
spread : 0.16397
created : 2023-08-21T15:09:11



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

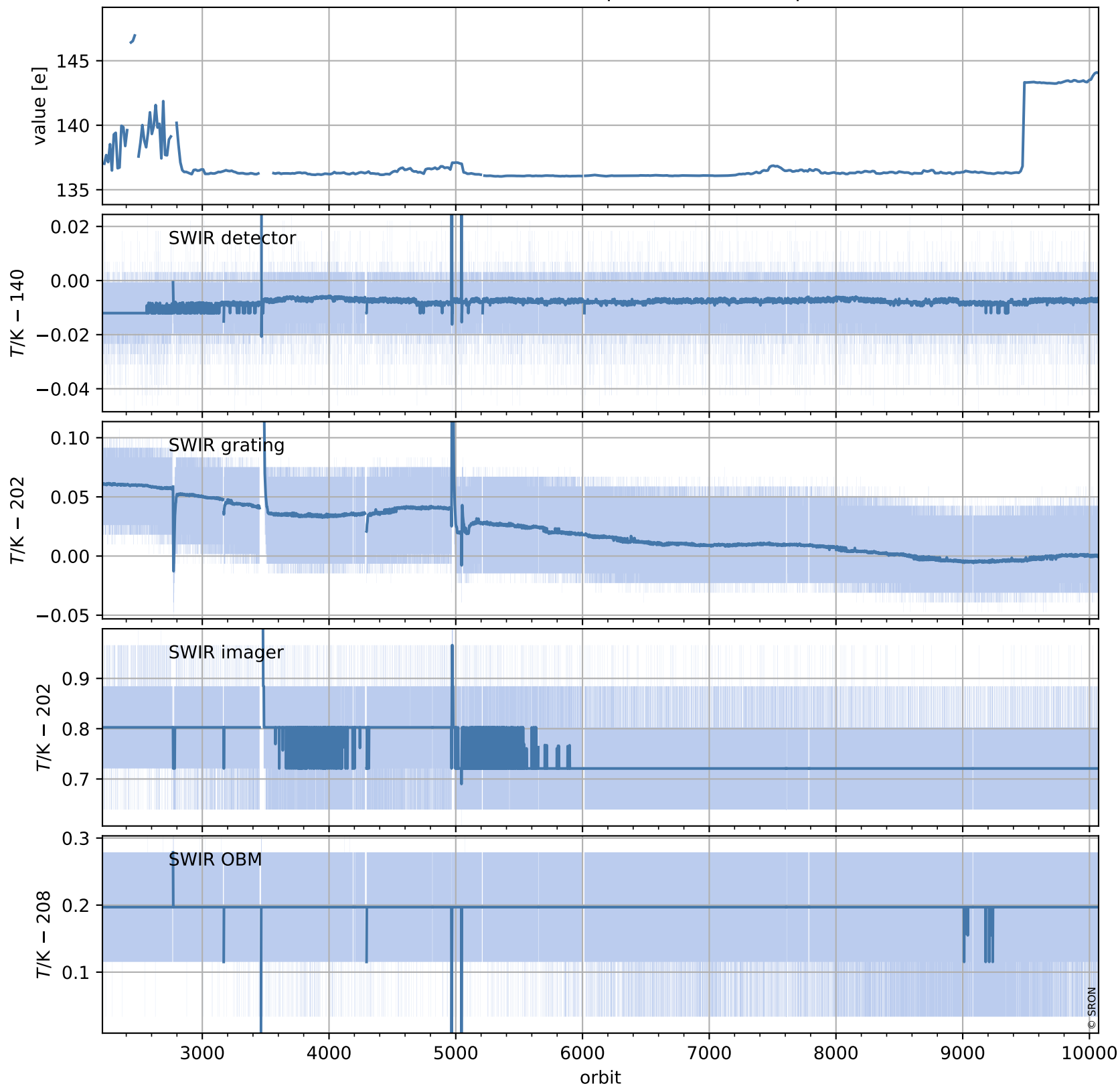
orbits : 13 in [9982, 10072]
coverage : 2019-09-17 / 2019-09-22
created : 2023-08-21T15:09:12



Tropomi SWIR background noise (swir)

orbits : [2212, 10072]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:12

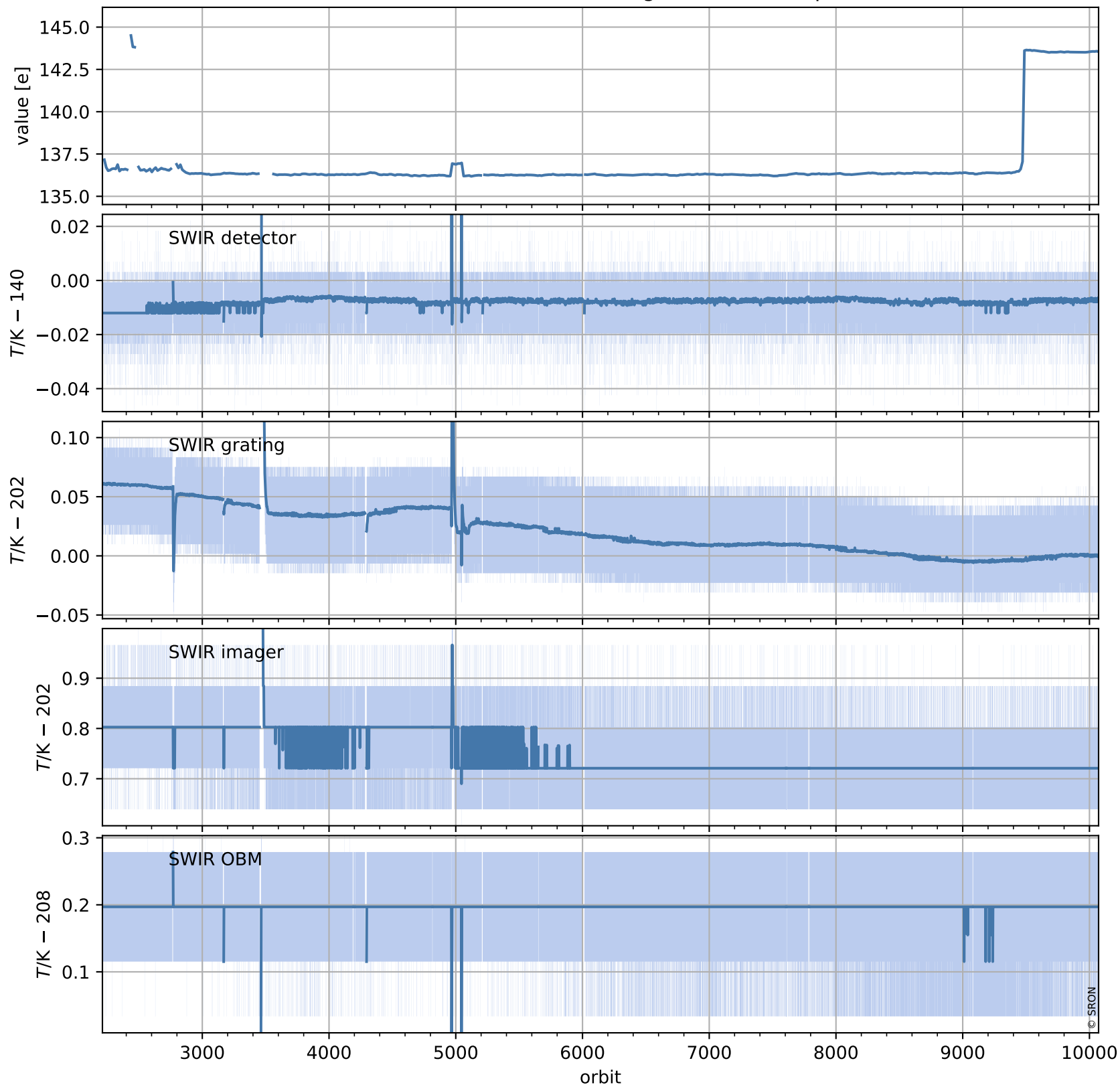
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10072]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10072]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:14

trend of normalized read-noise & temperatures

