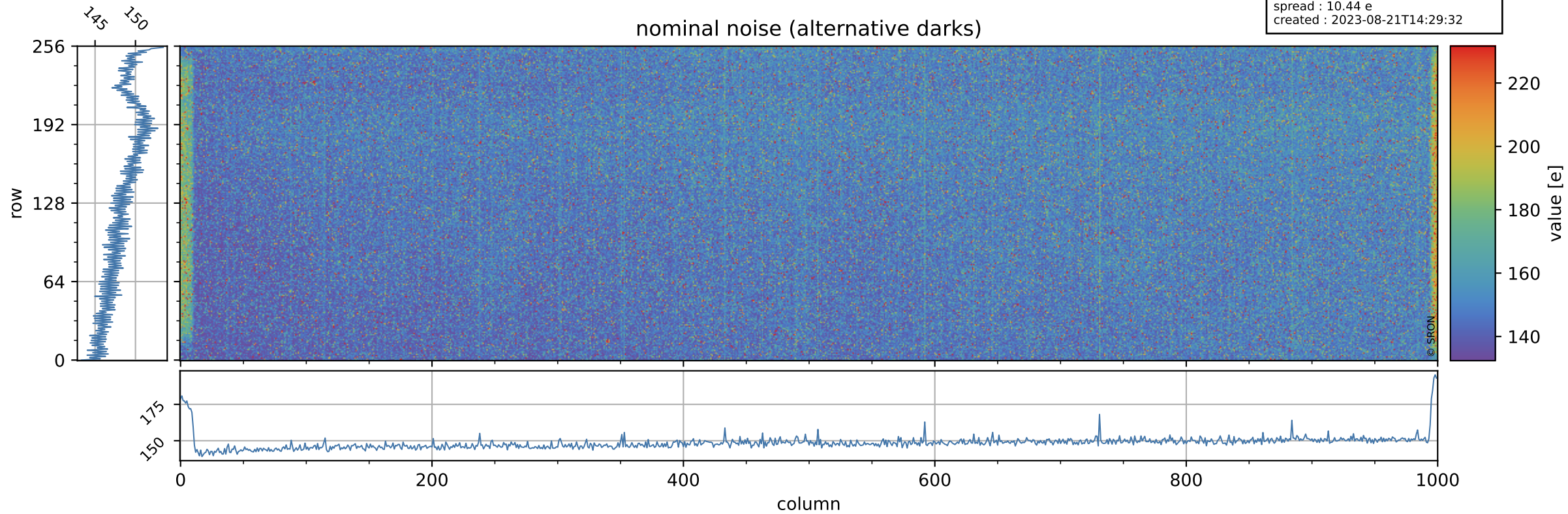


# Tropomi SWIR background noise (swir)

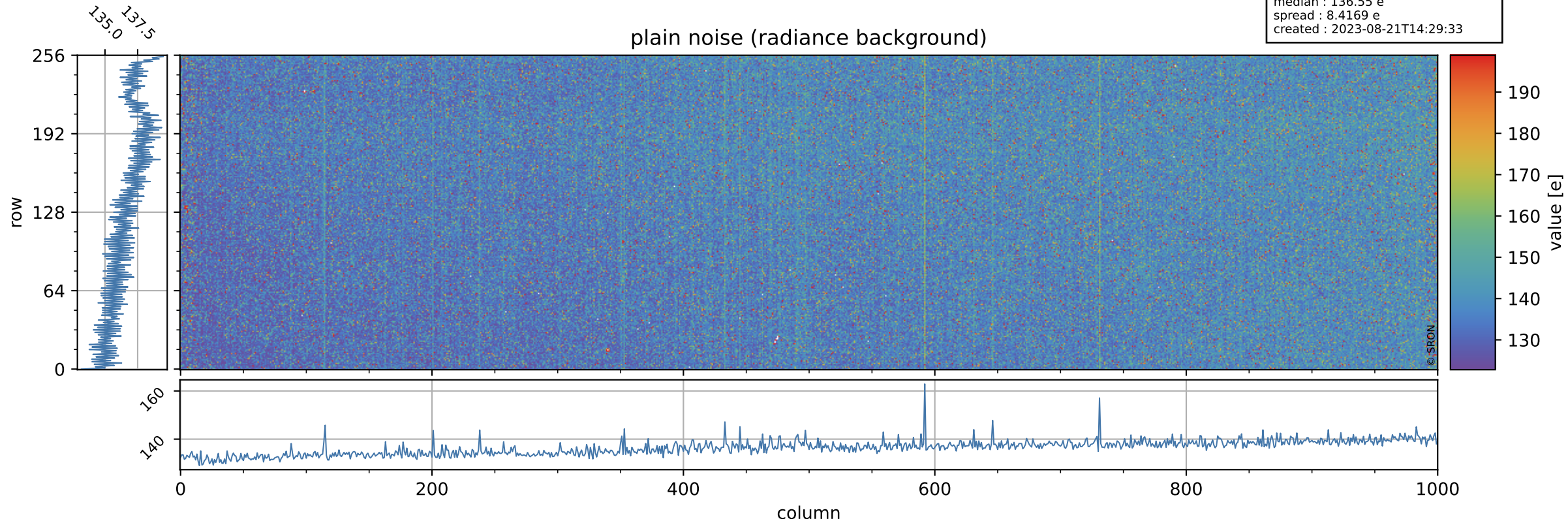
orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 10.44 e  
created : 2023-08-21T14:29:32



# Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
n\_coad, t\_exp : 2, 0.5383  
median : 136.55 e  
spread : 8.4169 e  
created : 2023-08-21T14:29:33

plain noise (radiance background)

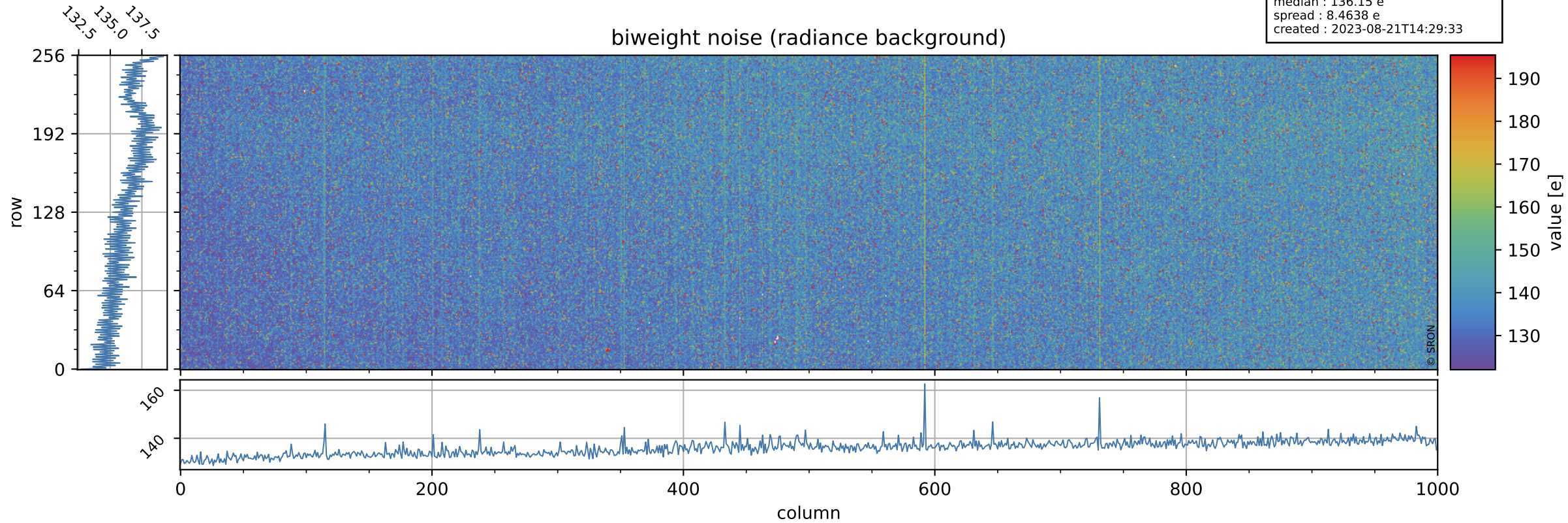




# Tropomi SWIR background noise (swir)

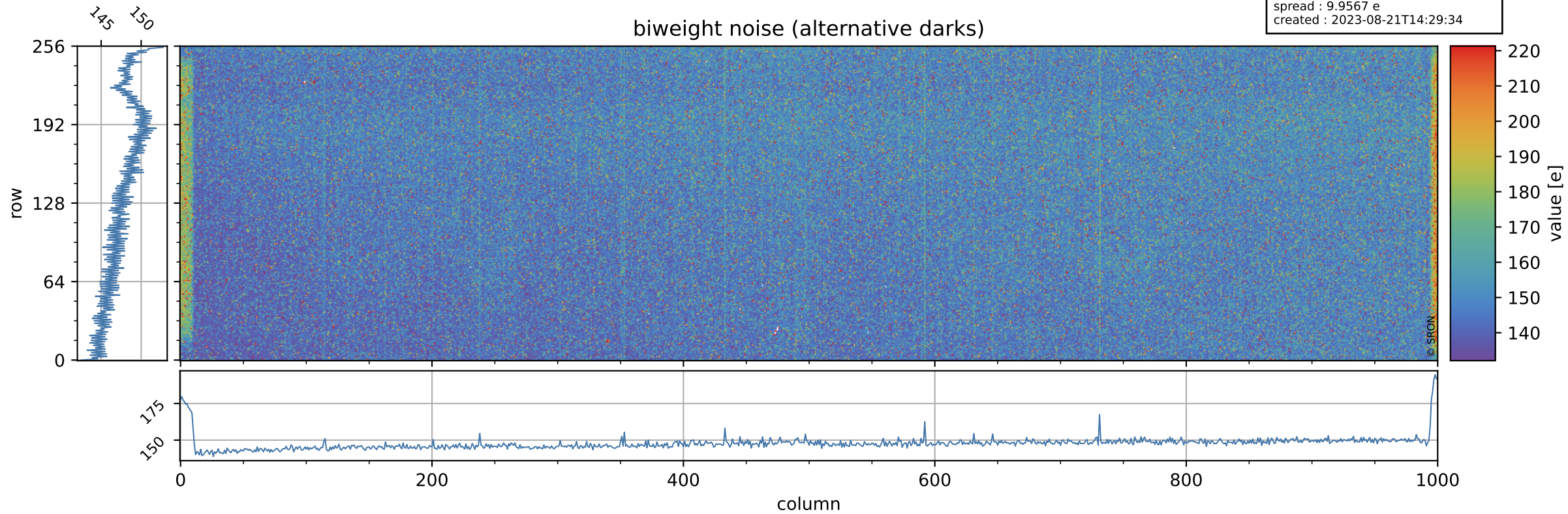
orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
n\_coad, t\_exp : 2, 0.5383  
median : 136.15 e  
spread : 8.4638 e  
created : 2023-08-21T14:29:33

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.52 e  
spread : 9.9567 e  
created : 2023-08-21T14:29:34

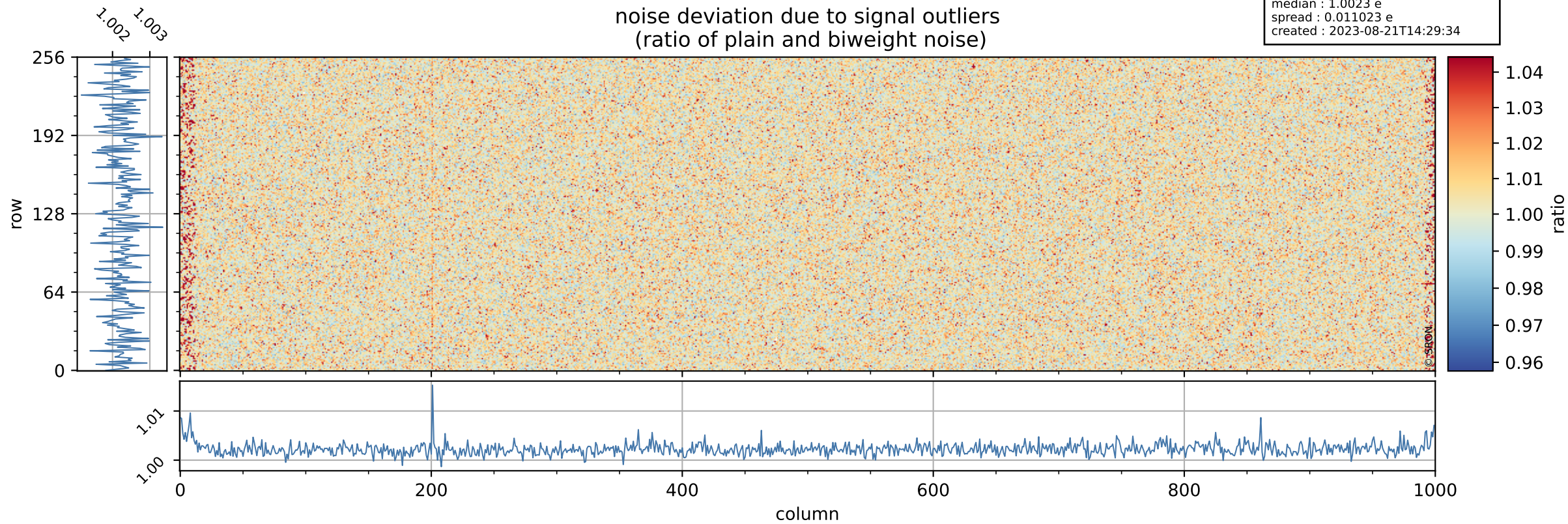




# Tropomi SWIR background noise (swir)

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

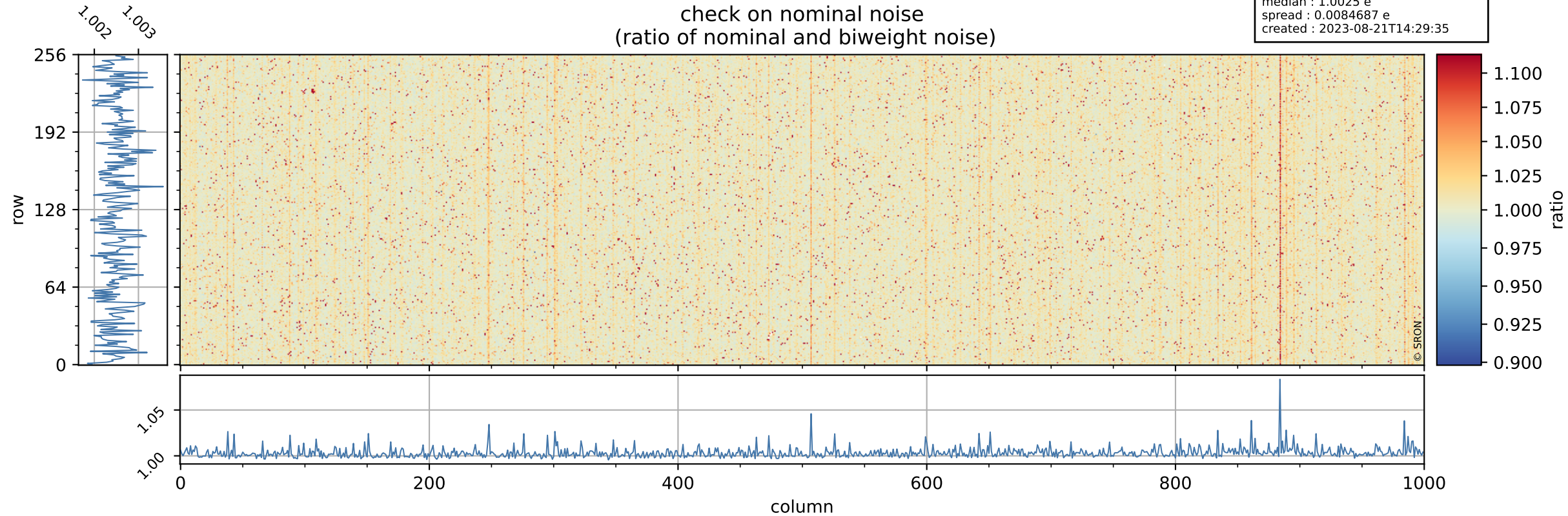
orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
median : 1.0023 e  
spread : 0.011023 e  
created : 2023-08-21T14:29:34



# Tropomi SWIR background noise (swir)

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

orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
median : 1.0025 e  
spread : 0.0084687 e  
created : 2023-08-21T14:29:35

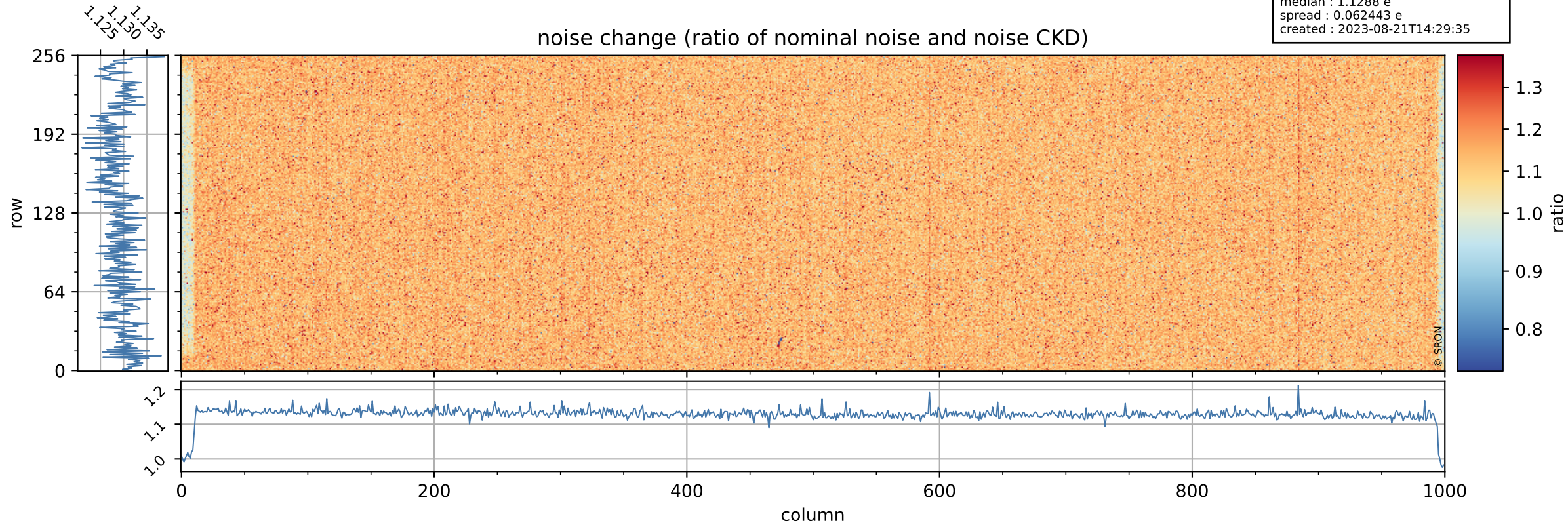




# Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
median : 1.1288 e  
spread : 0.062443 e  
created : 2023-08-21T14:29:35

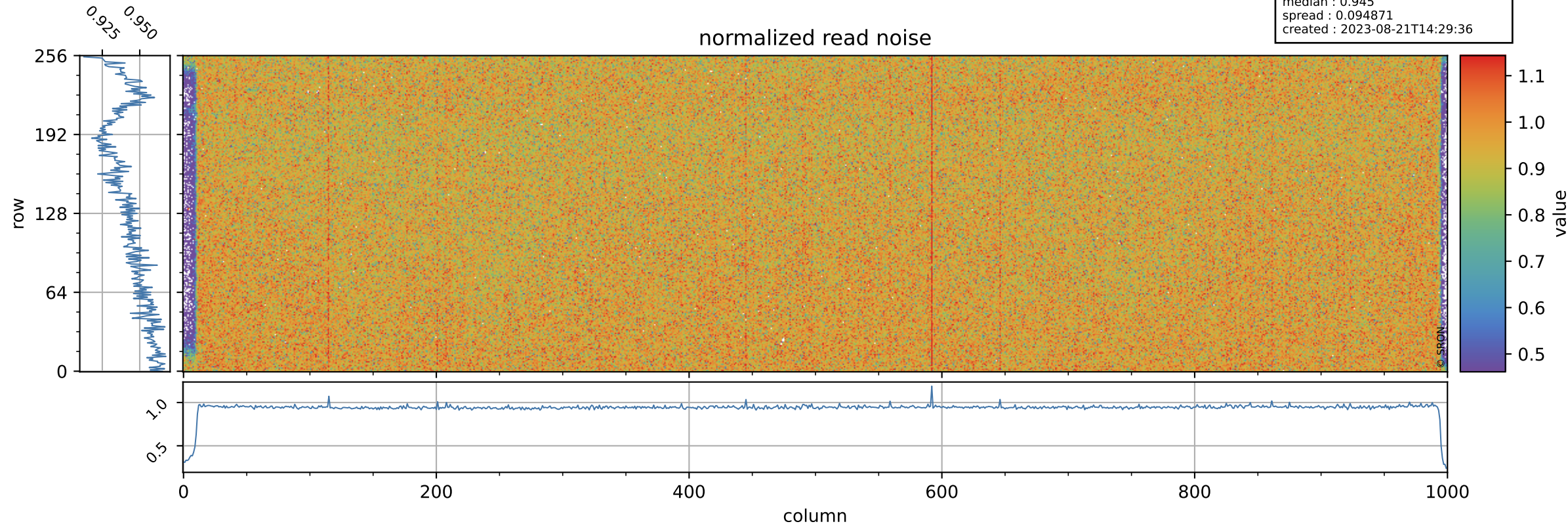
noise change (ratio of nominal noise and noise CKD)





# Tropomi SWIR background noise (swir)

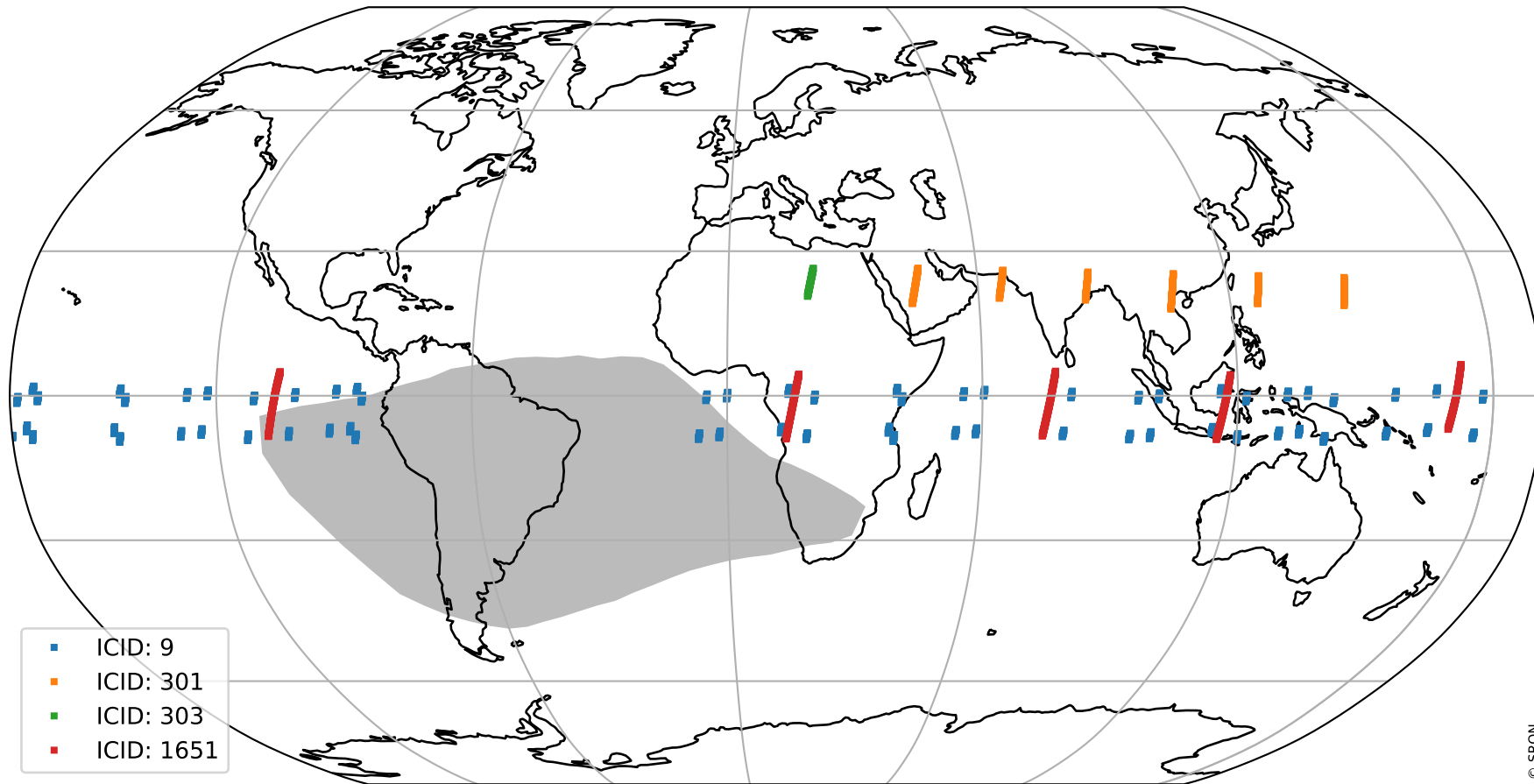
orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
median : 0.945  
spread : 0.094871  
created : 2023-08-21T14:29:36





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

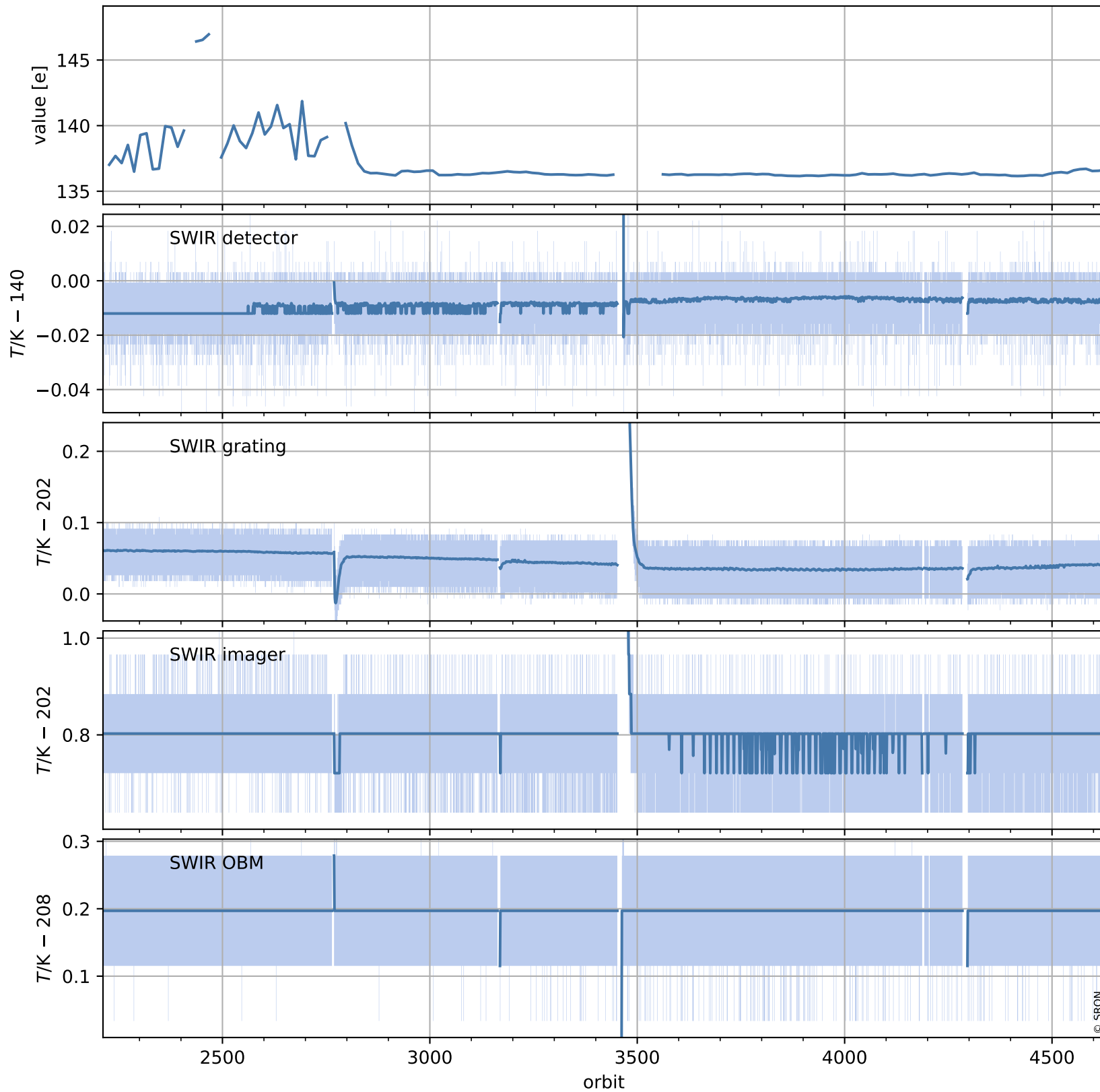
orbits : 12 in [4537, 4627]  
coverage : 2018-08-29 / 2018-09-04  
created : 2023-08-21T14:29:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 4627]  
coverage : 2018-03-18 / 2018-09-04  
created : 2023-08-21T14:29:37

## trend of detector median of plain noise & temperatures

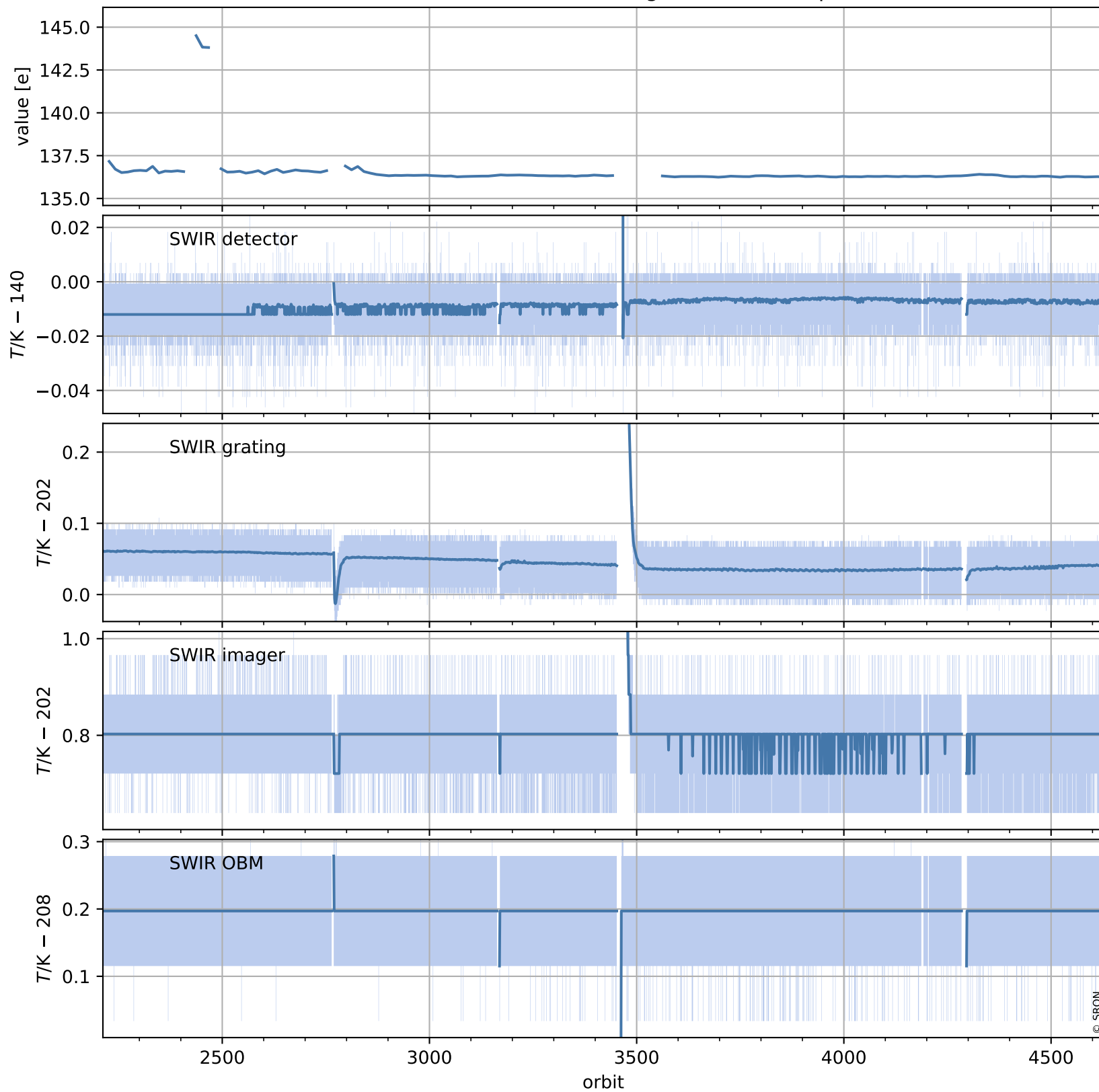




# Tropomi SWIR background noise (swir)

orbits : [2212, 4627]  
coverage : 2018-03-18 / 2018-09-04  
created : 2023-08-21T14:29:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 4627]  
coverage : 2018-03-18 / 2018-09-04  
created : 2023-08-21T14:29:38

## trend of normalized read-noise & temperatures

