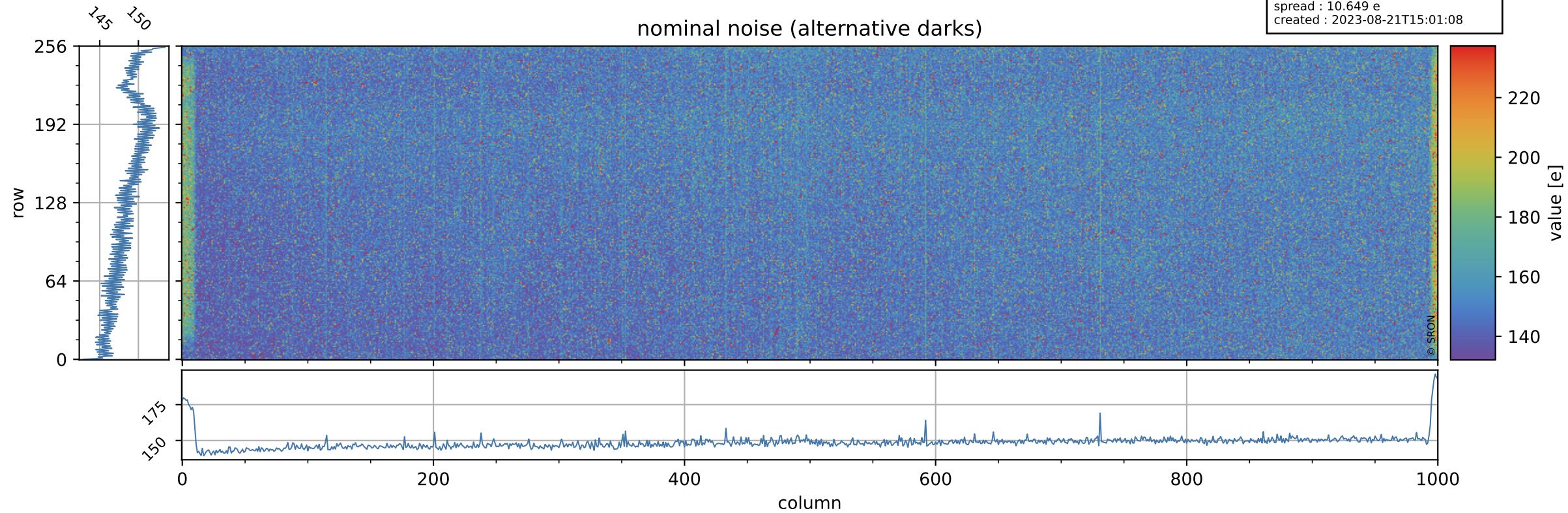


# Tropomi SWIR background noise (swir)

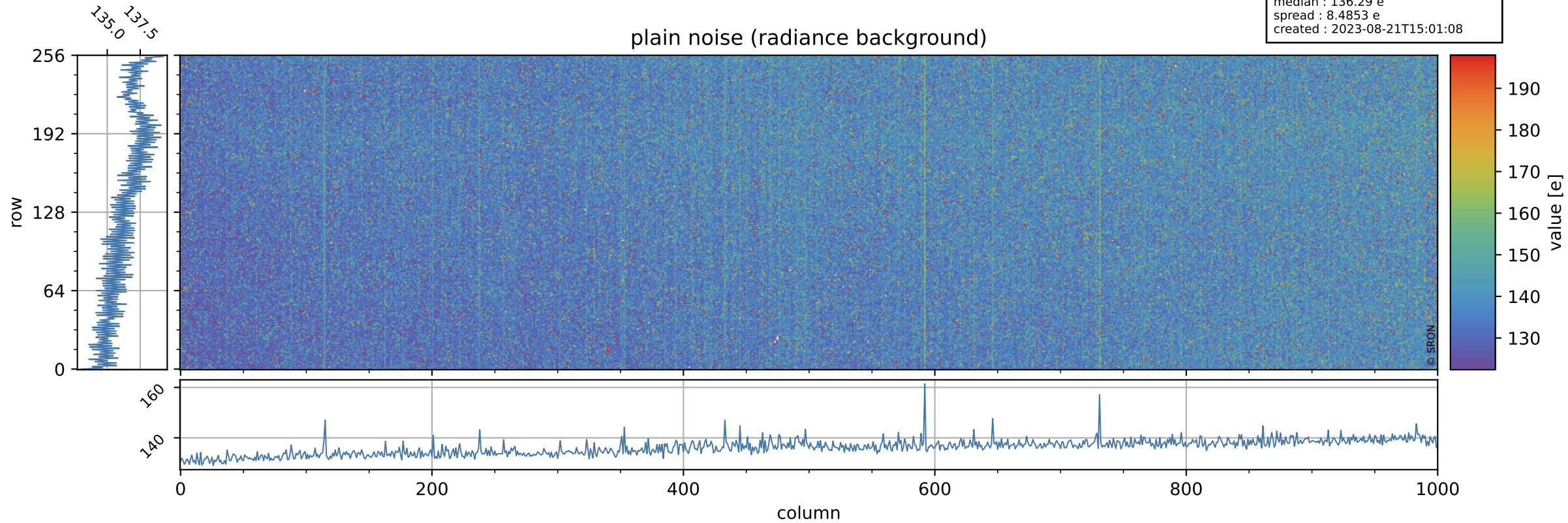
orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.42 e  
spread : 10.649 e  
created : 2023-08-21T15:01:08



# Tropomi SWIR background noise (swir)

orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
n\_coad, t\_exp : 2, 0.5383  
median : 136.29 e  
spread : 8.4853 e  
created : 2023-08-21T15:01:08

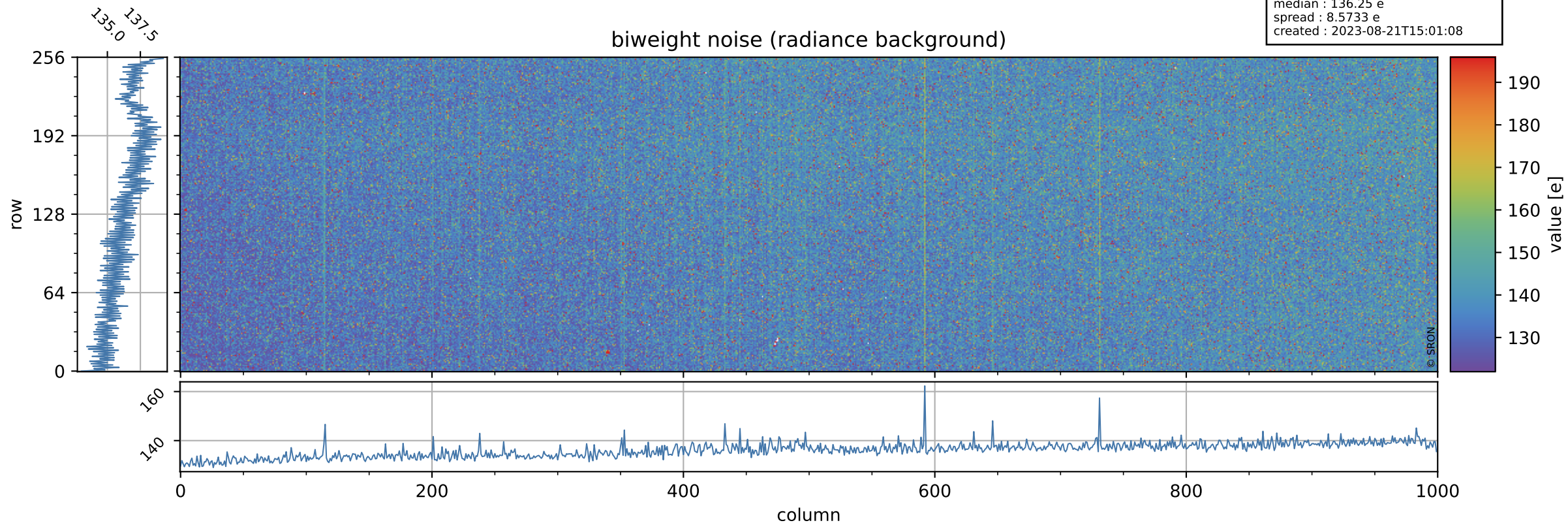
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
n\_coad, t\_exp : 2, 0.5383  
median : 136.25 e  
spread : 8.5733 e  
created : 2023-08-21T15:01:08

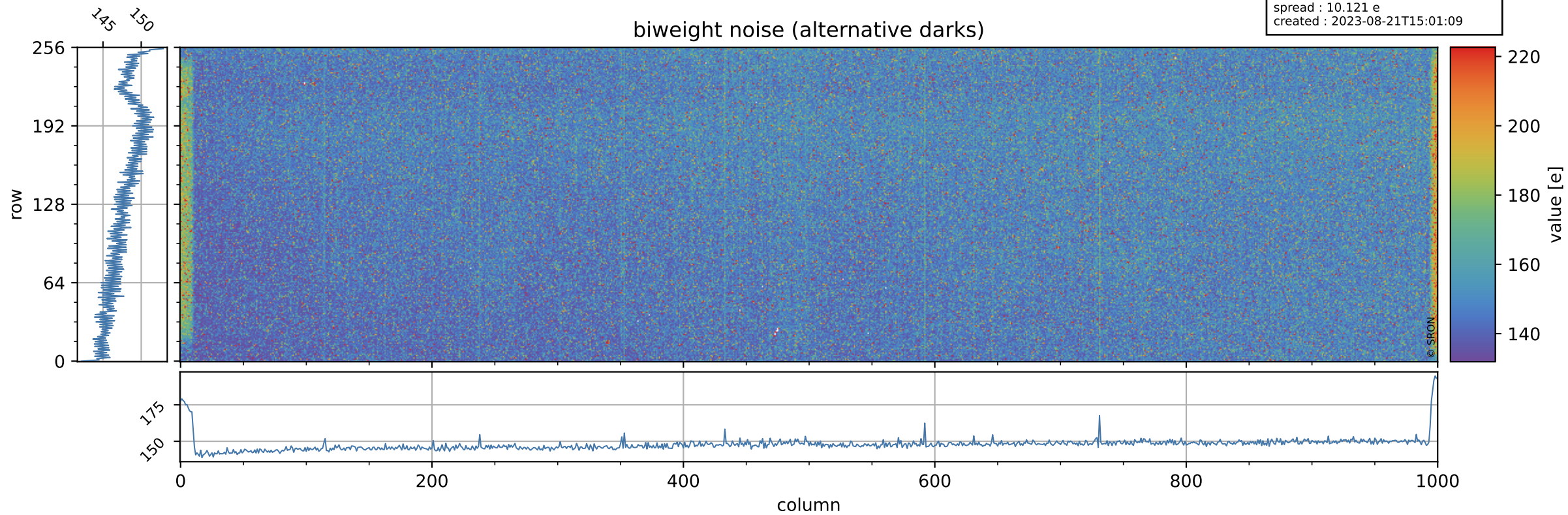
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.121 e  
created : 2023-08-21T15:01:09

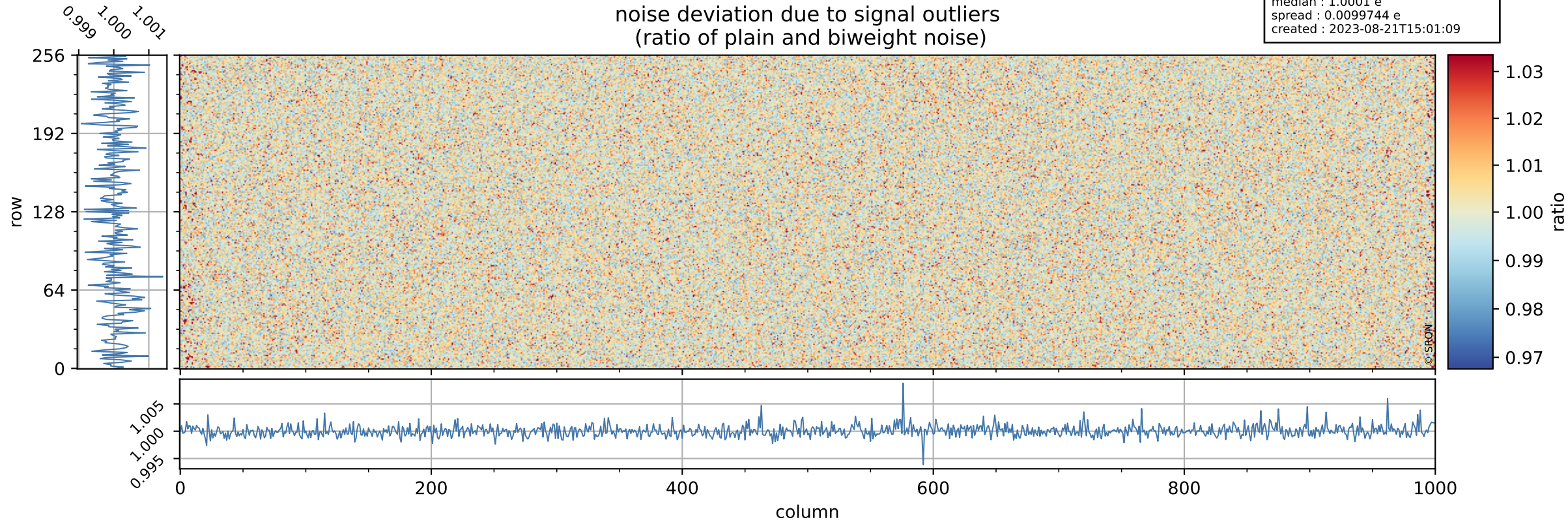
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

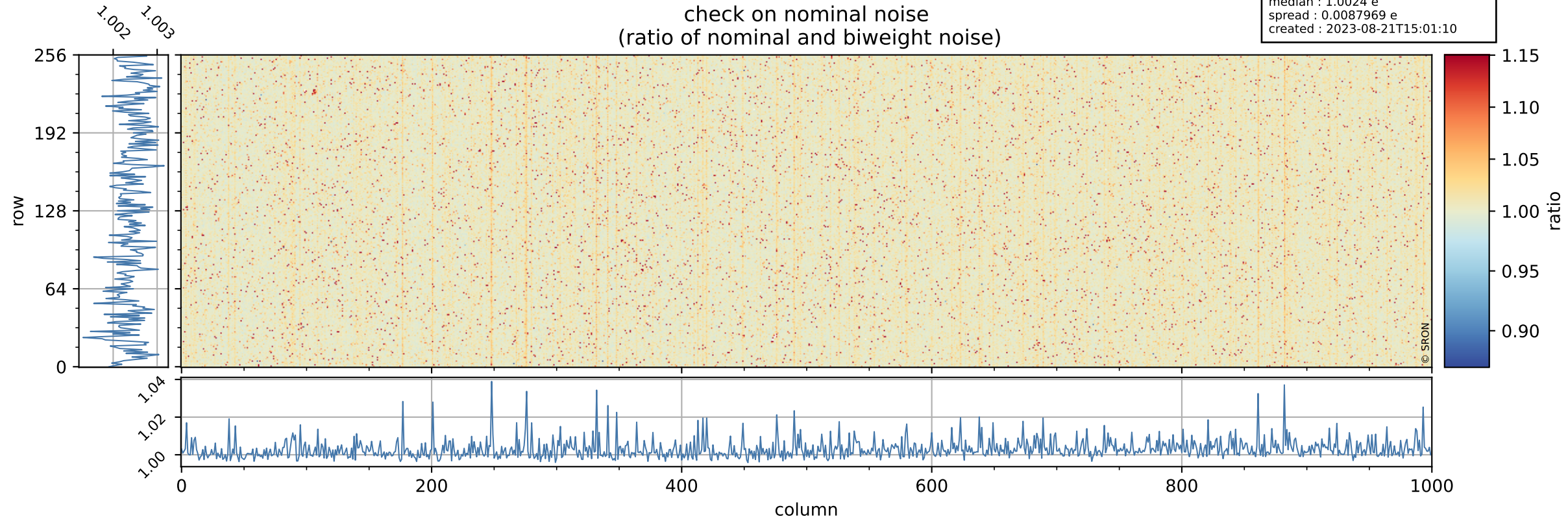
orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
median : 1.0001 e  
spread : 0.0099744 e  
created : 2023-08-21T15:01:09



# Tropomi SWIR background noise (swir)

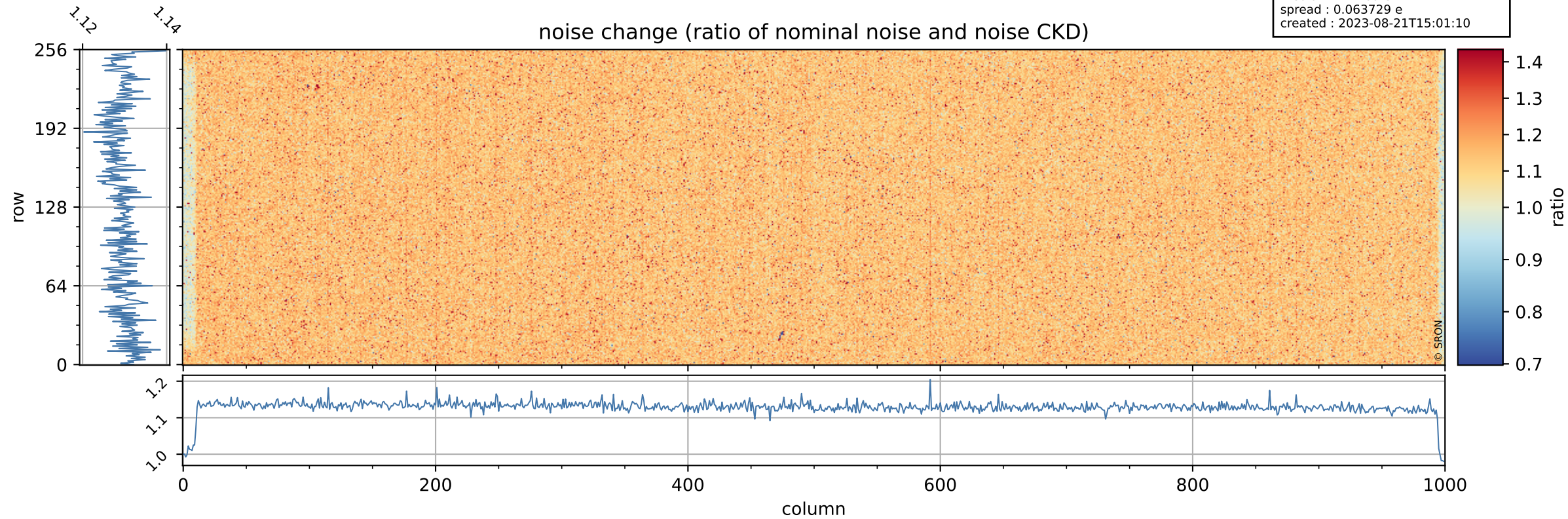
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
median : 1.0024 e  
spread : 0.0087969 e  
created : 2023-08-21T15:01:10



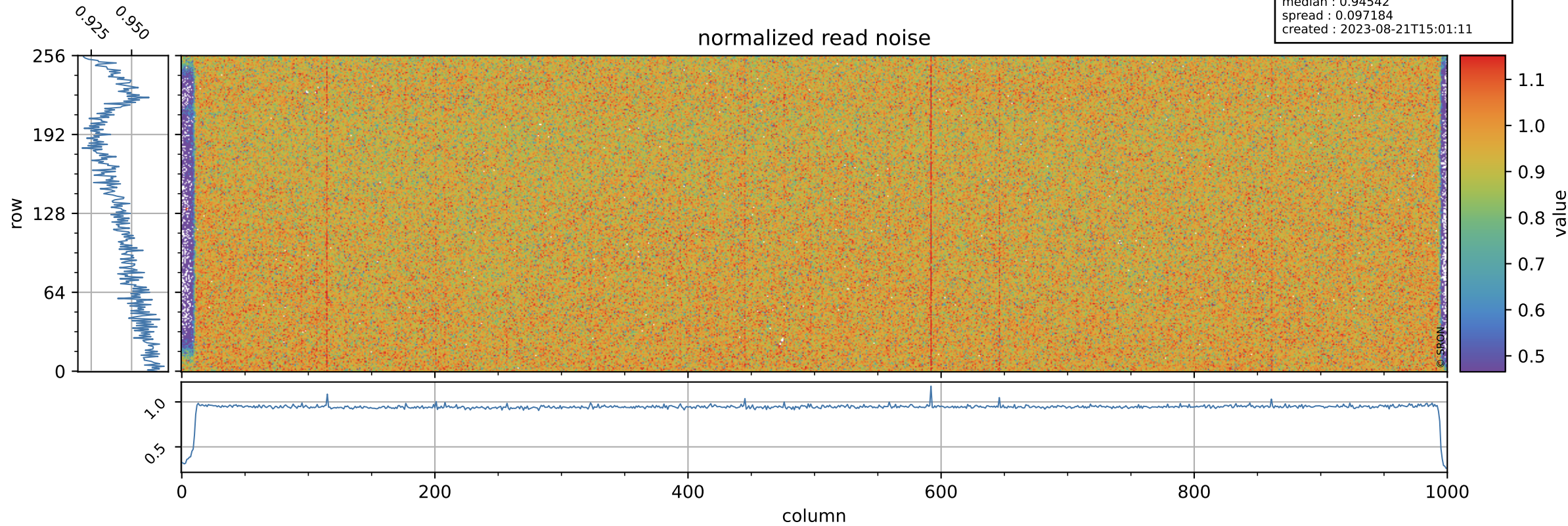
# Tropomi SWIR background noise (swir)

orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
median : 1.1289 e  
spread : 0.063729 e  
created : 2023-08-21T15:01:10



# Tropomi SWIR background noise (swir)

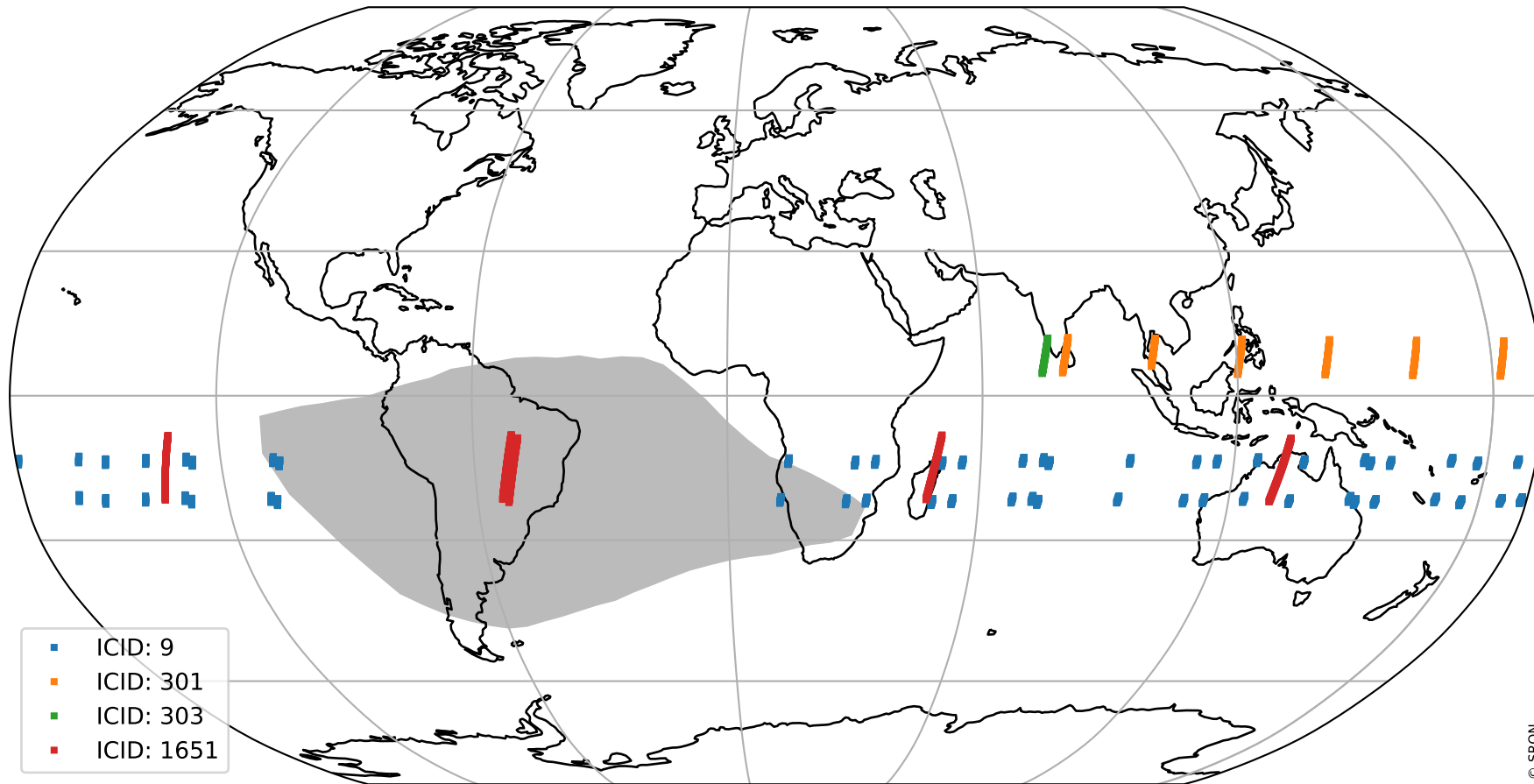
orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
median : 0.94542  
spread : 0.097184  
created : 2023-08-21T15:01:11





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

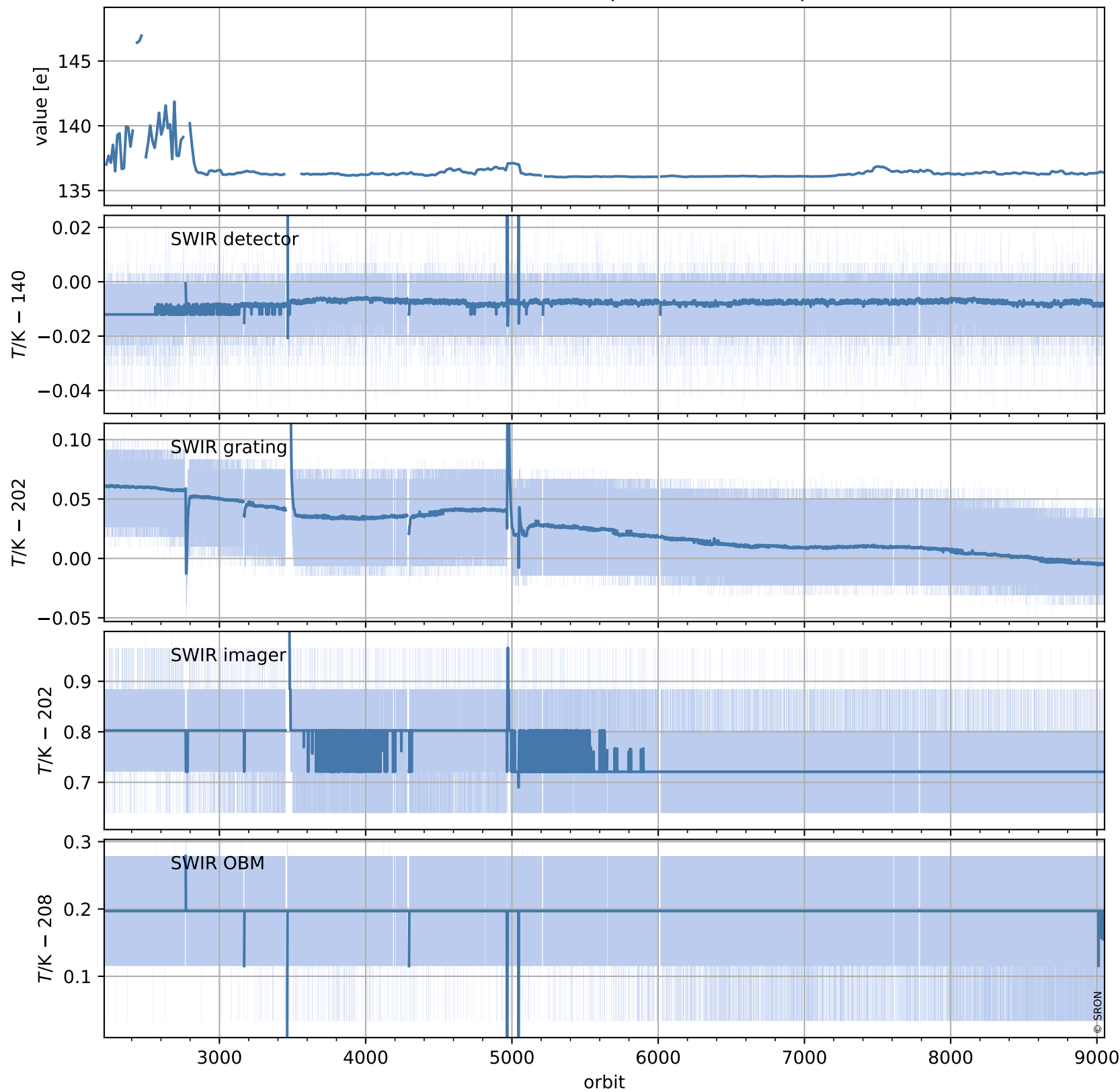
orbits : 12 in [8962, 9052]  
coverage : 2019-07-07 / 2019-07-13  
created : 2023-08-21T15:01:11



# Tropomi SWIR background noise (swir)

orbits : [2212, 9052]  
coverage : 2018-03-18 / 2019-07-13  
created : 2023-08-21T15:01:11

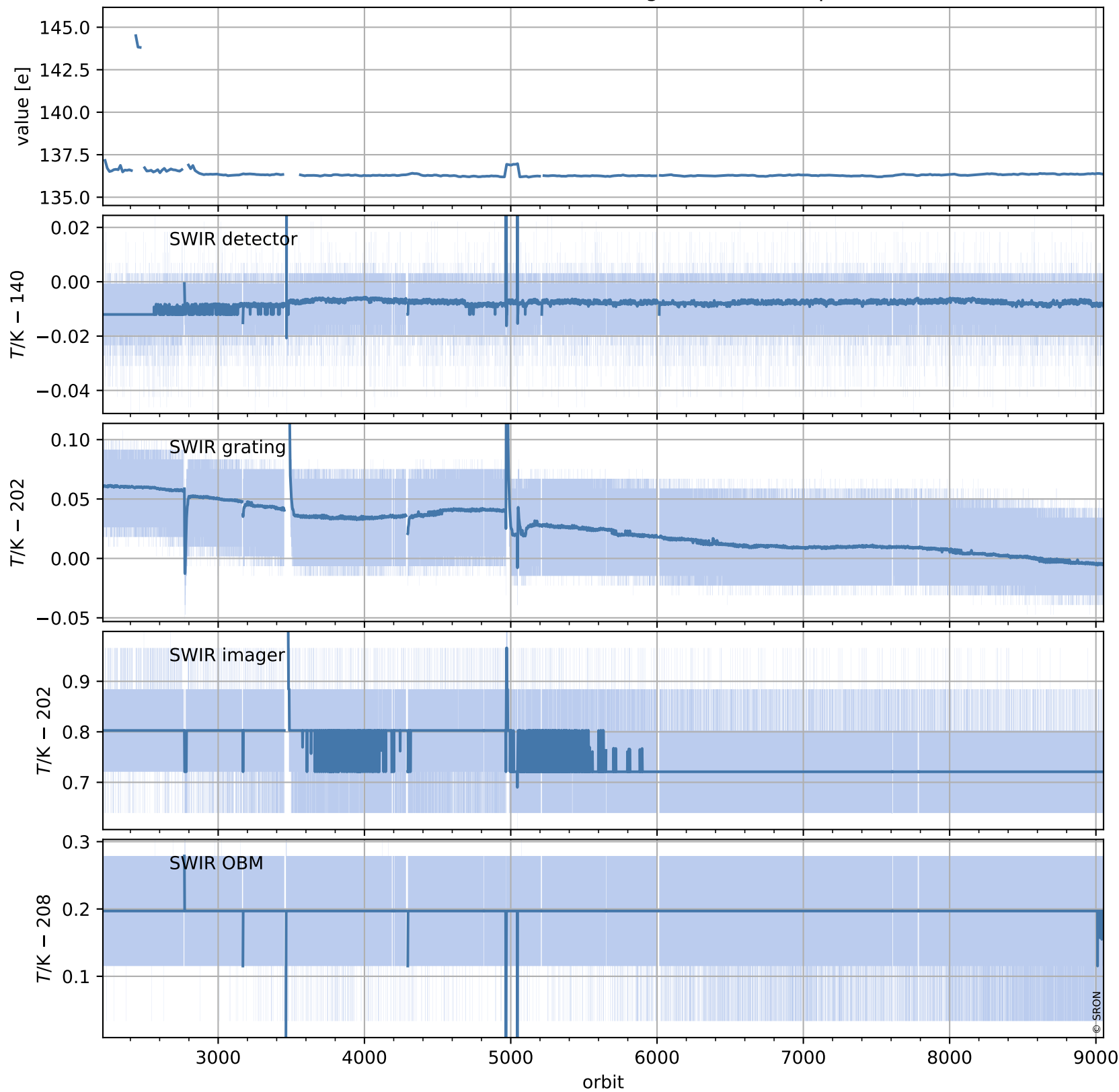
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9052]  
coverage : 2018-03-18 / 2019-07-13  
created : 2023-08-21T15:01:12

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9052]  
coverage : 2018-03-18 / 2019-07-13  
created : 2023-08-21T15:01:13

## trend of normalized read-noise & temperatures

