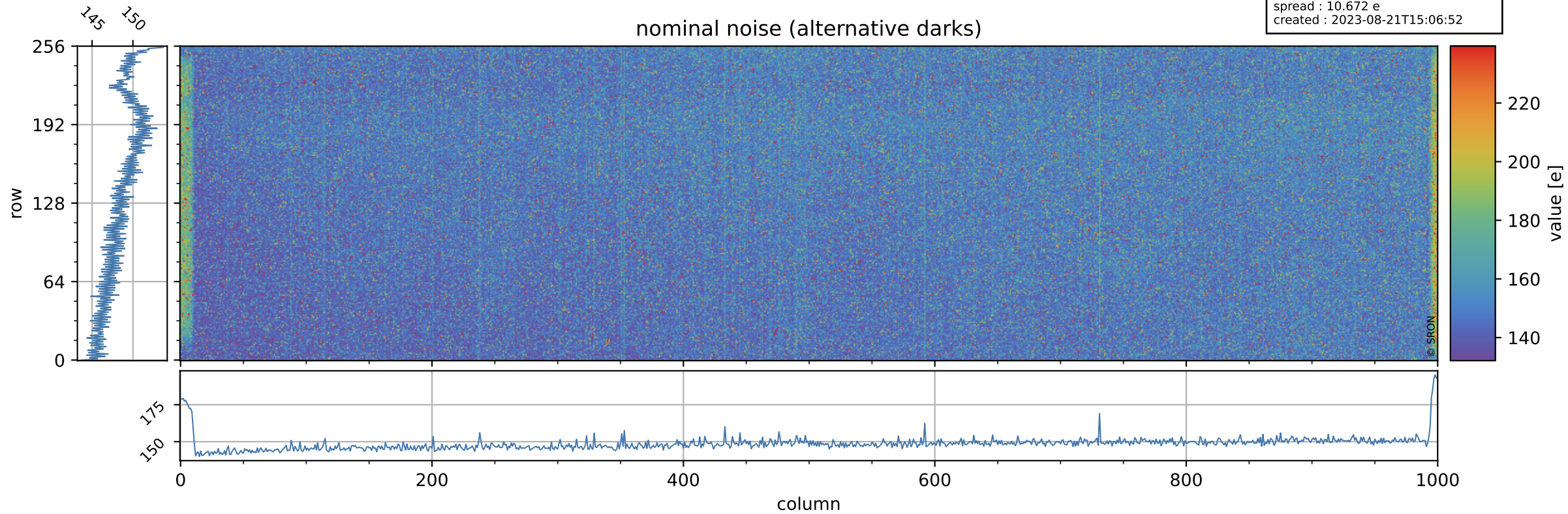


# Tropomi SWIR background noise (swir)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.45 e  
spread : 10.672 e  
created : 2023-08-21T15:06:52

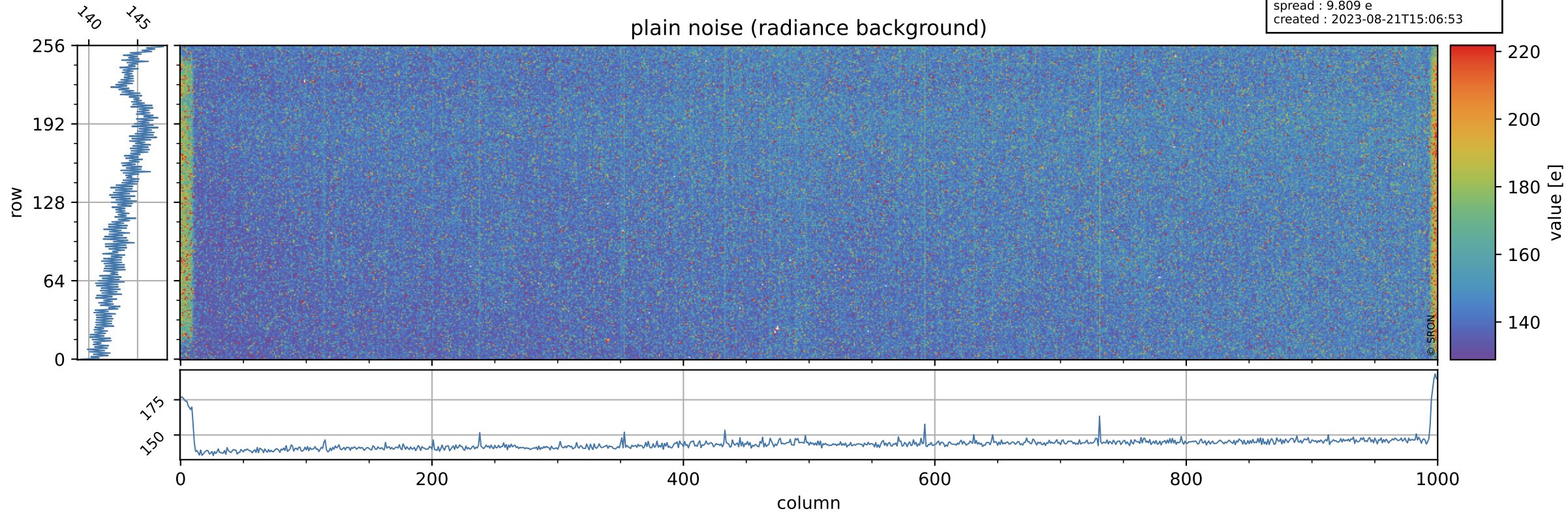
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.49 e  
spread : 9.809 e  
created : 2023-08-21T15:06:53

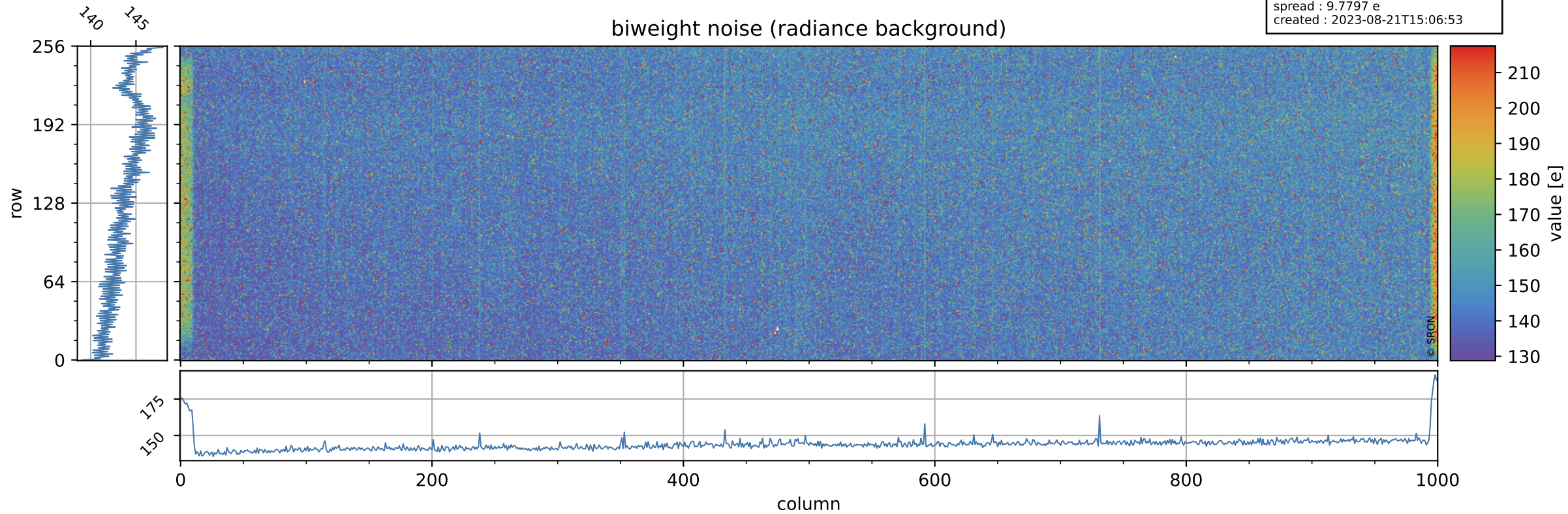
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.7797 e  
created : 2023-08-21T15:06:53

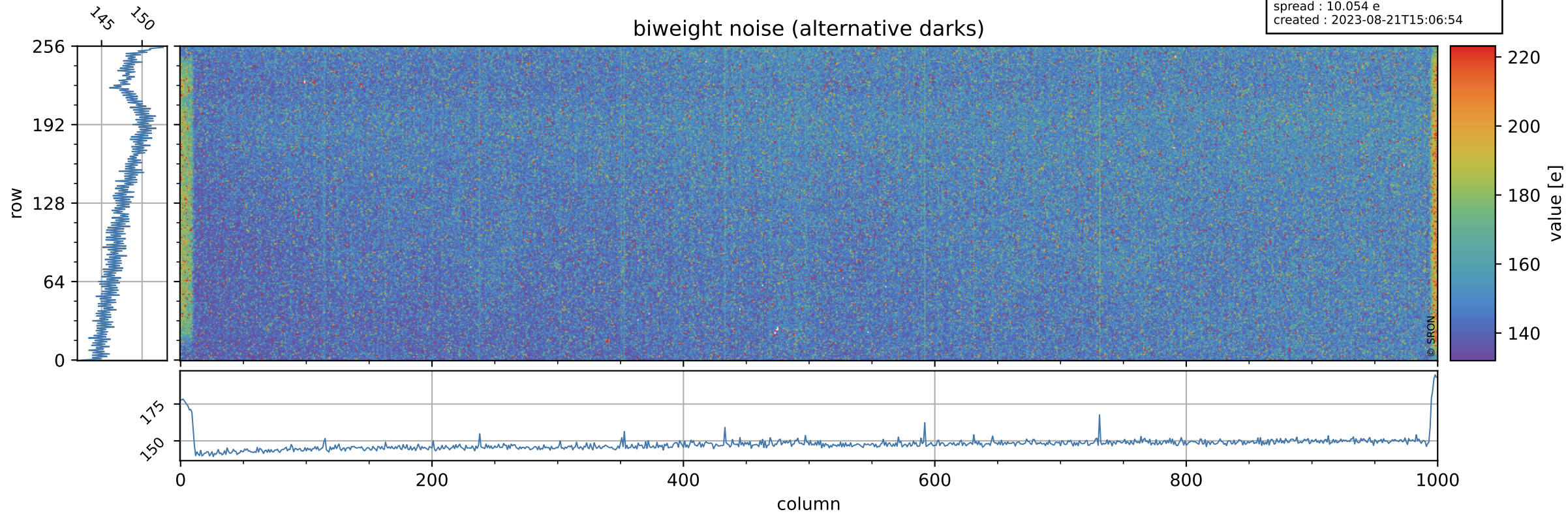
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 10.054 e  
created : 2023-08-21T15:06:54

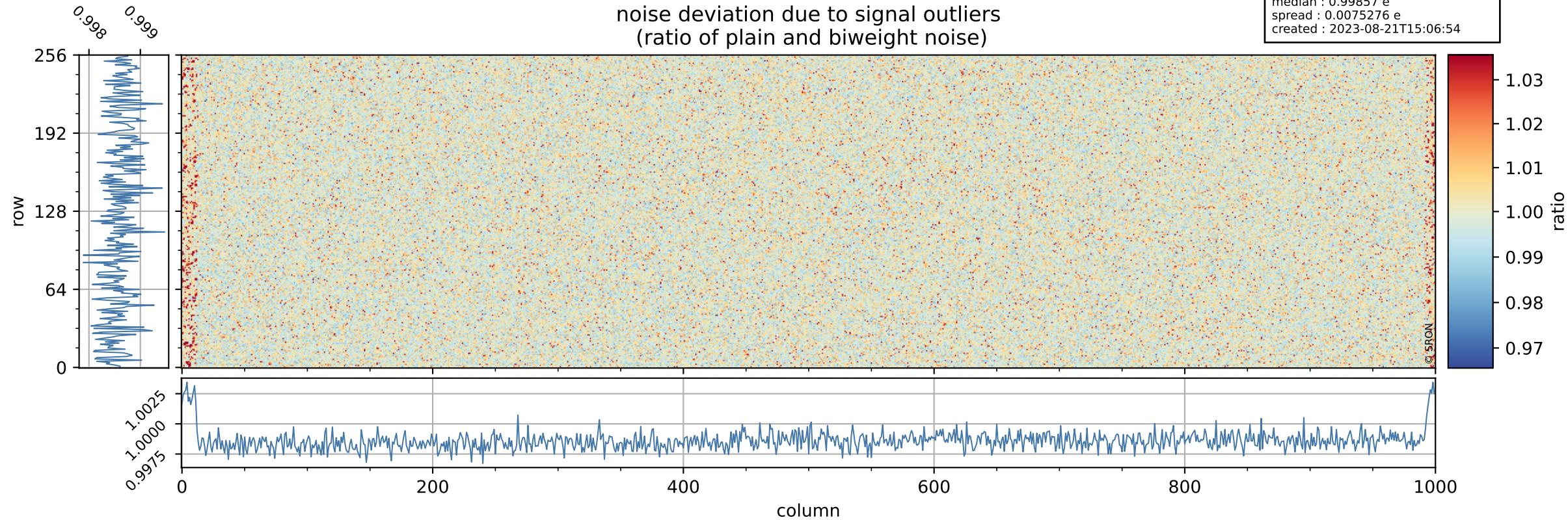
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

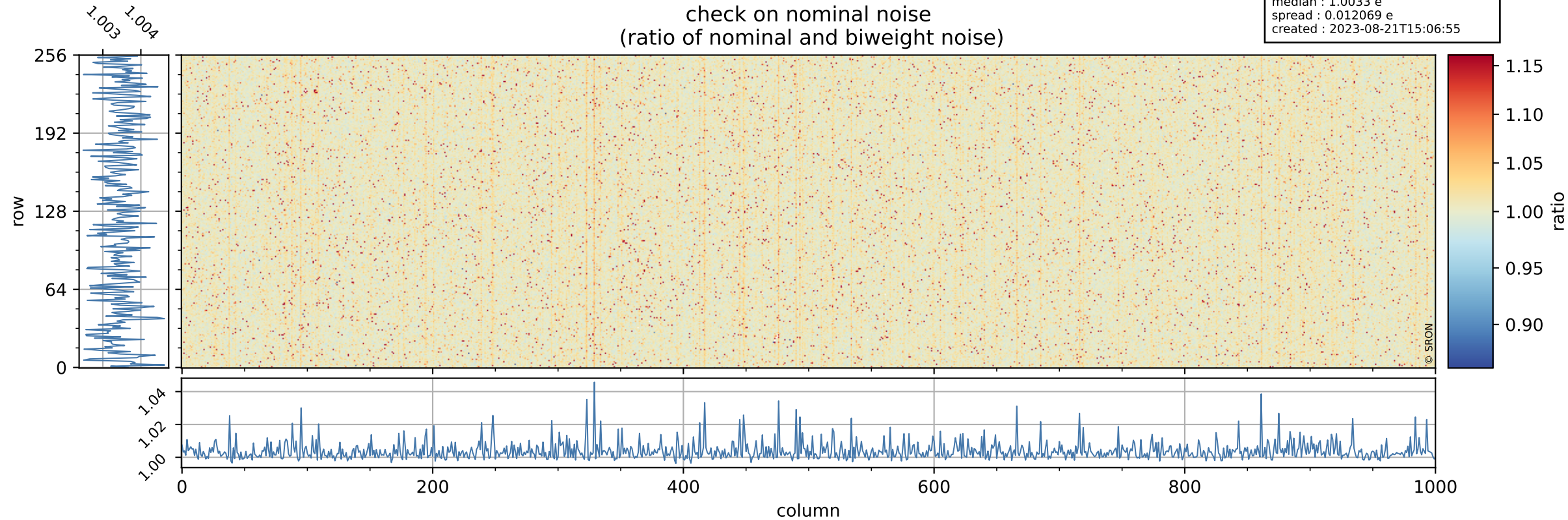
orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
median : 0.99857 e  
spread : 0.0075276 e  
created : 2023-08-21T15:06:54



# Tropomi SWIR background noise (swir)

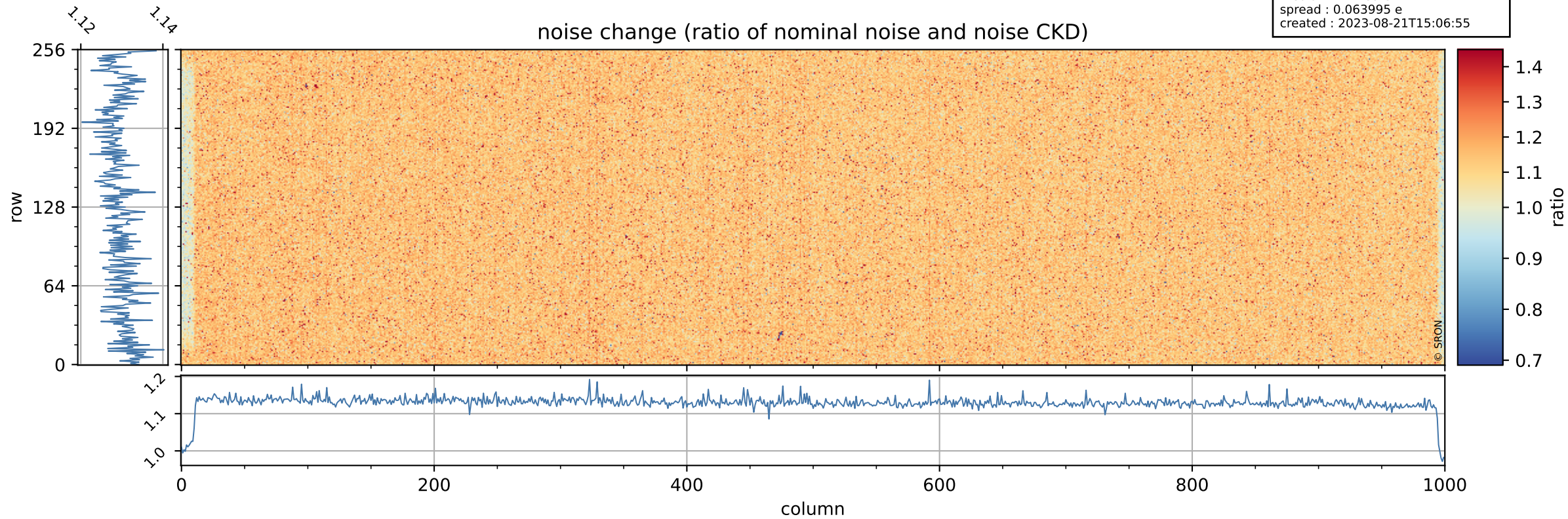
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
median : 1.0033 e  
spread : 0.012069 e  
created : 2023-08-21T15:06:55



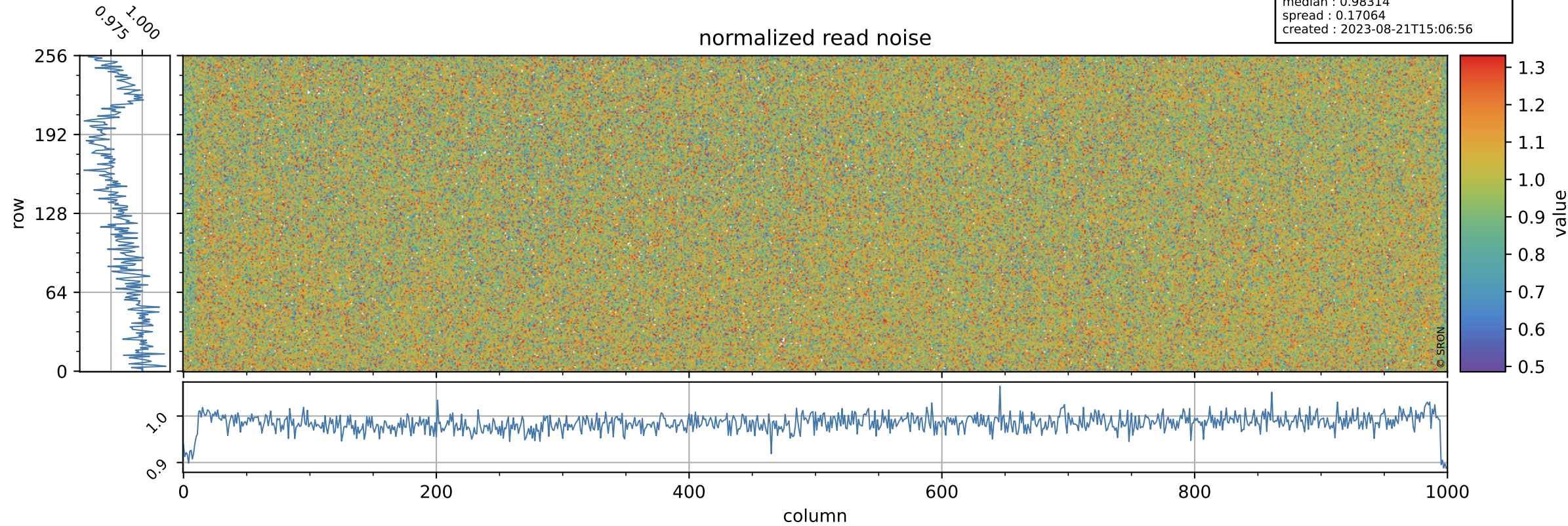
# Tropomi SWIR background noise (swir)

orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
median : 1.1289 e  
spread : 0.063995 e  
created : 2023-08-21T15:06:55



# Tropomi SWIR background noise (swir)

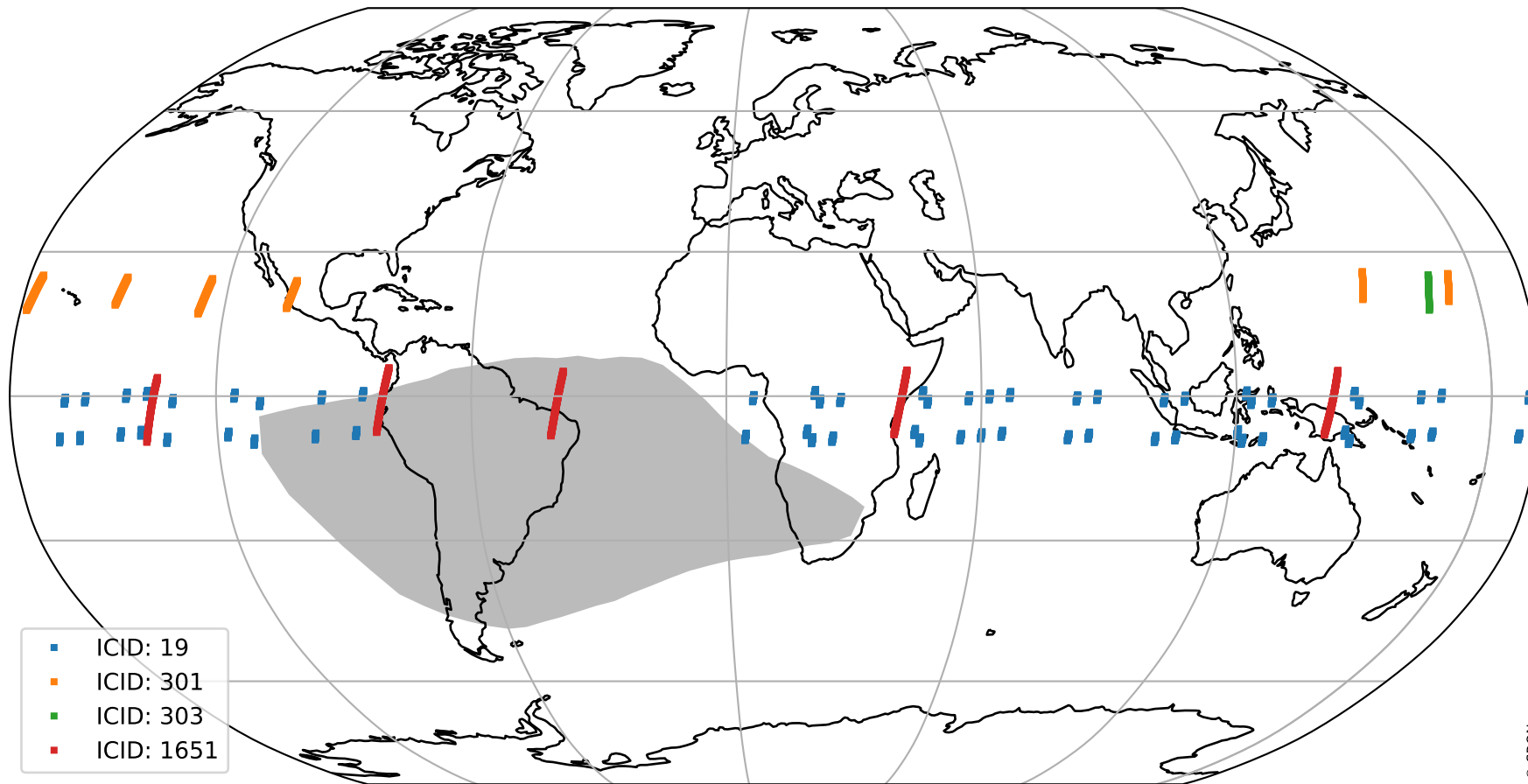
orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
median : 0.98314  
spread : 0.17064  
created : 2023-08-21T15:06:56





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

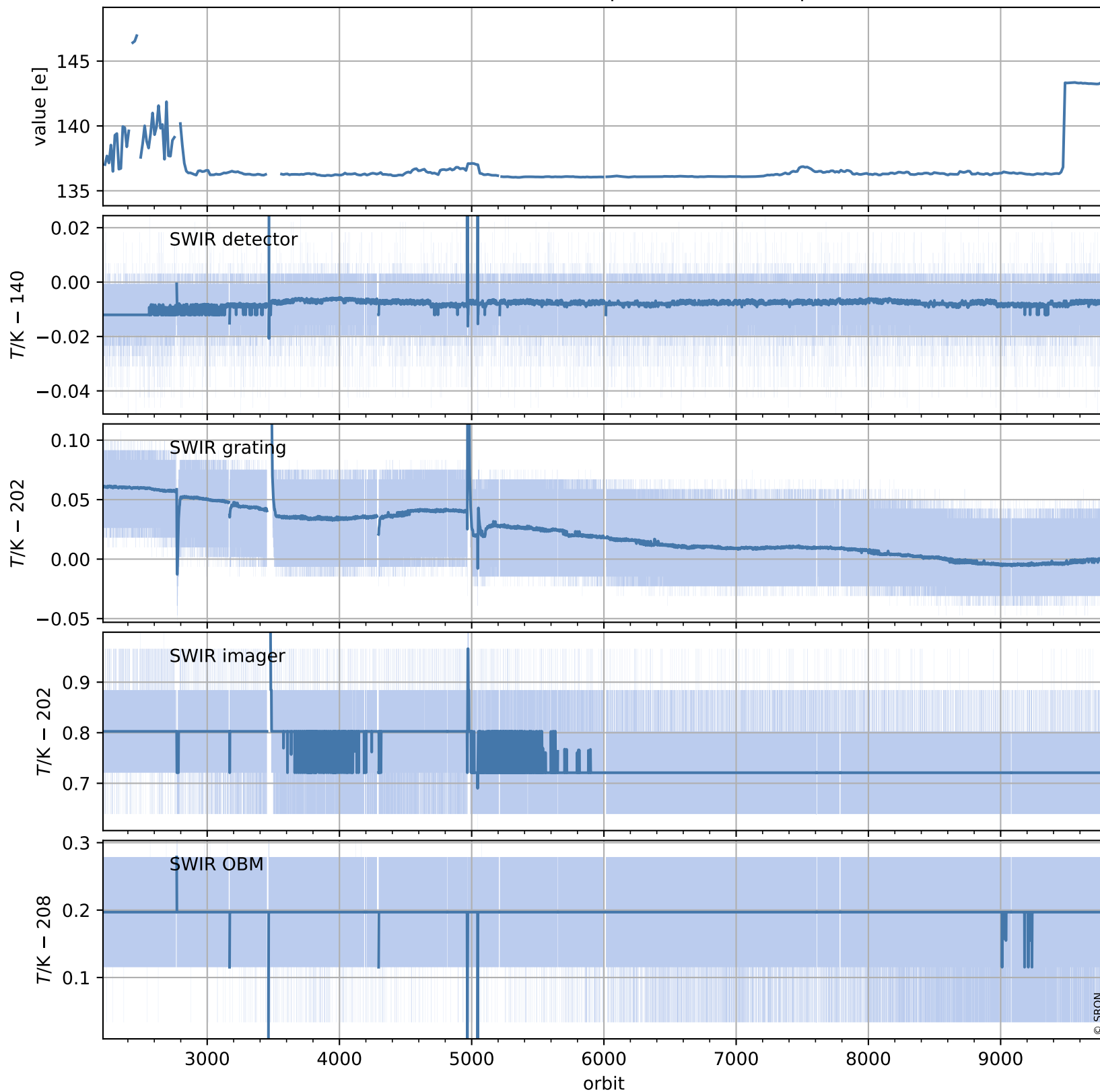
orbits : 12 in [9697, 9787]  
coverage : 2019-08-28 / 2019-09-03  
created : 2023-08-21T15:06:56



# Tropomi SWIR background noise (swir)

orbits : [2212, 9787]  
coverage : 2018-03-18 / 2019-09-03  
created : 2023-08-21T15:06:57

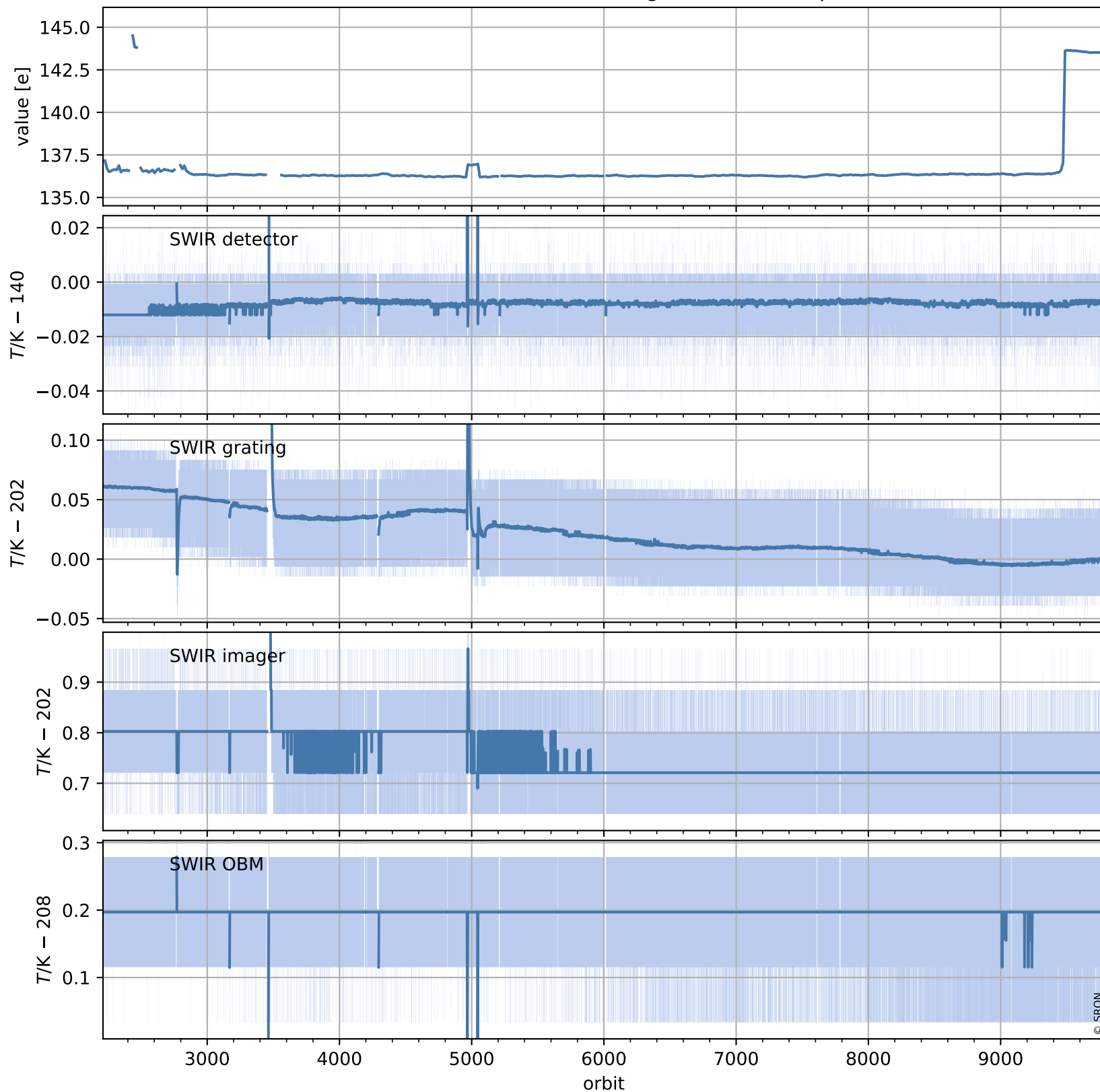
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9787]  
coverage : 2018-03-18 / 2019-09-03  
created : 2023-08-21T15:06:57

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9787]  
coverage : 2018-03-18 / 2019-09-03  
created : 2023-08-21T15:06:58

## trend of normalized read-noise & temperatures

