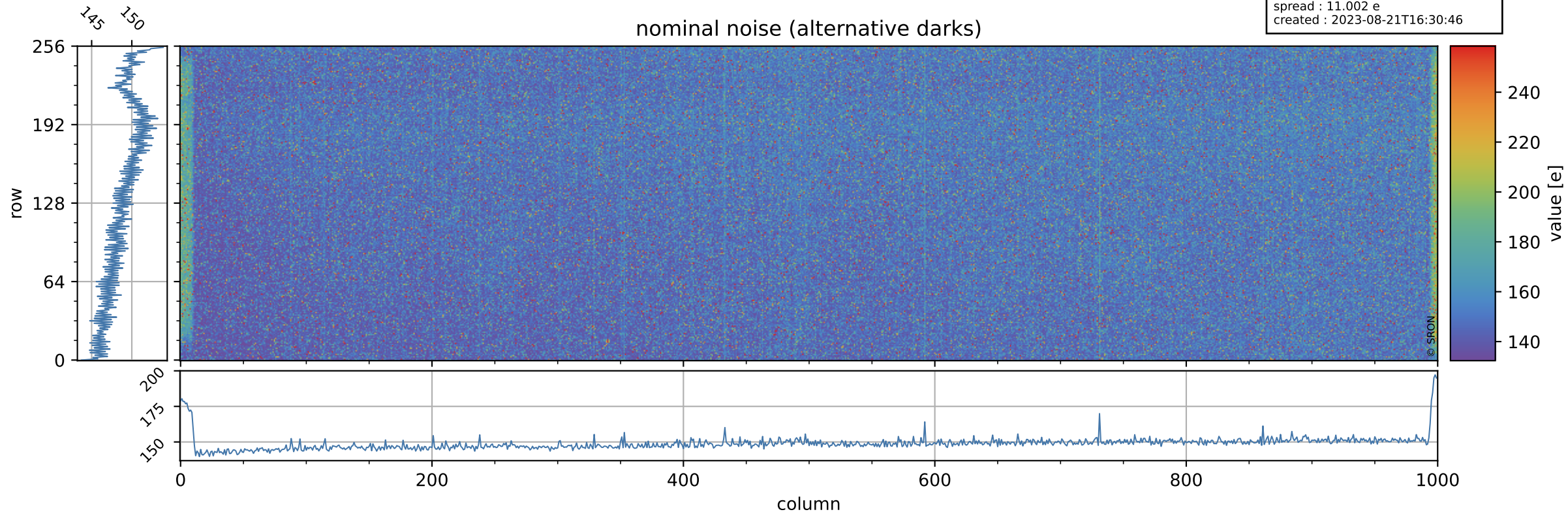


# Tropomi SWIR background noise (swir)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
n\_coad, t\_exp : 1, 1.0783  
median : 148.76 e  
spread : 11.002 e  
created : 2023-08-21T16:30:46

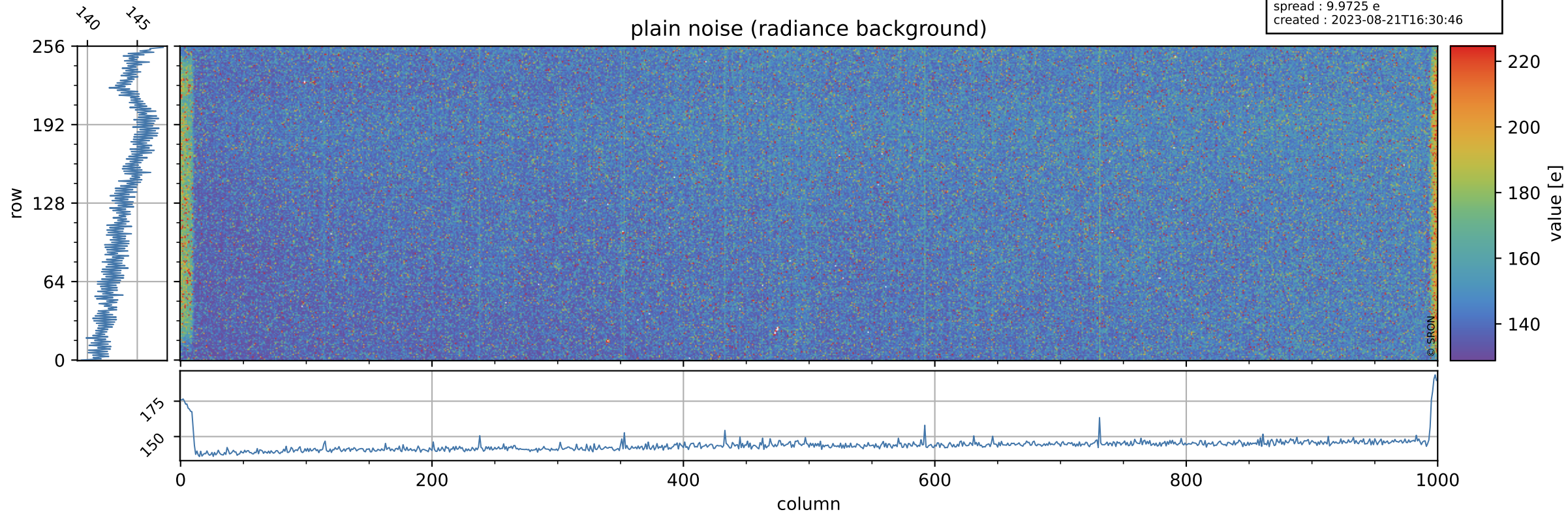
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.63 e  
spread : 9.9725 e  
created : 2023-08-21T16:30:46

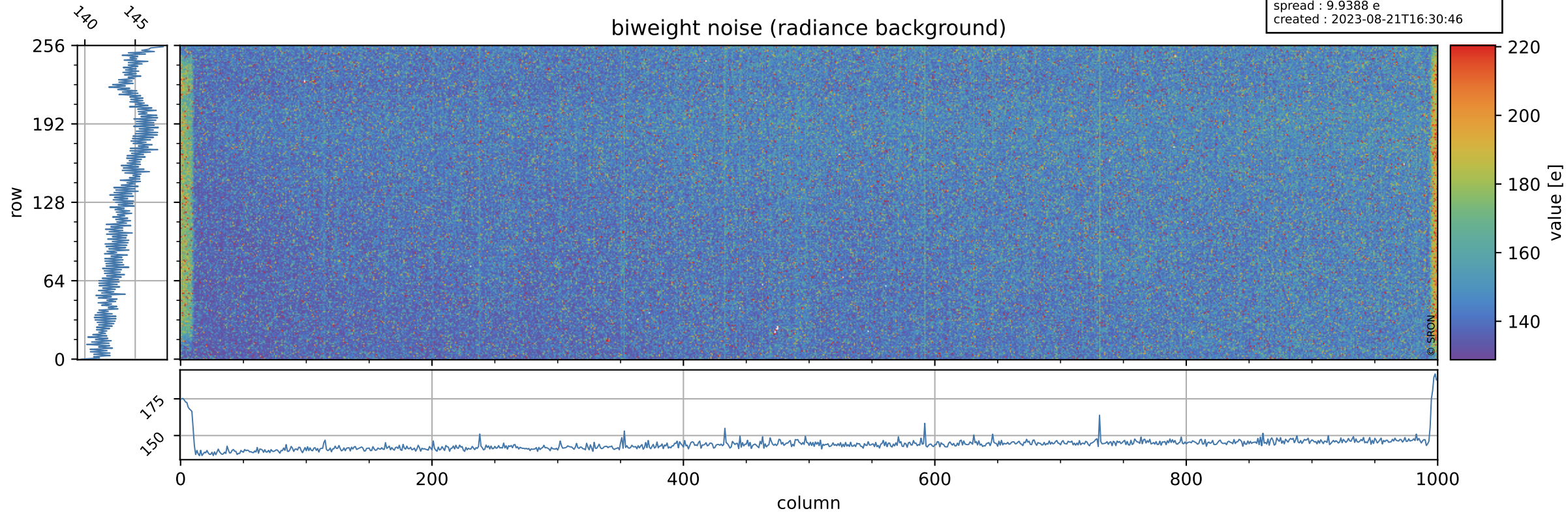
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.9388 e  
created : 2023-08-21T16:30:46

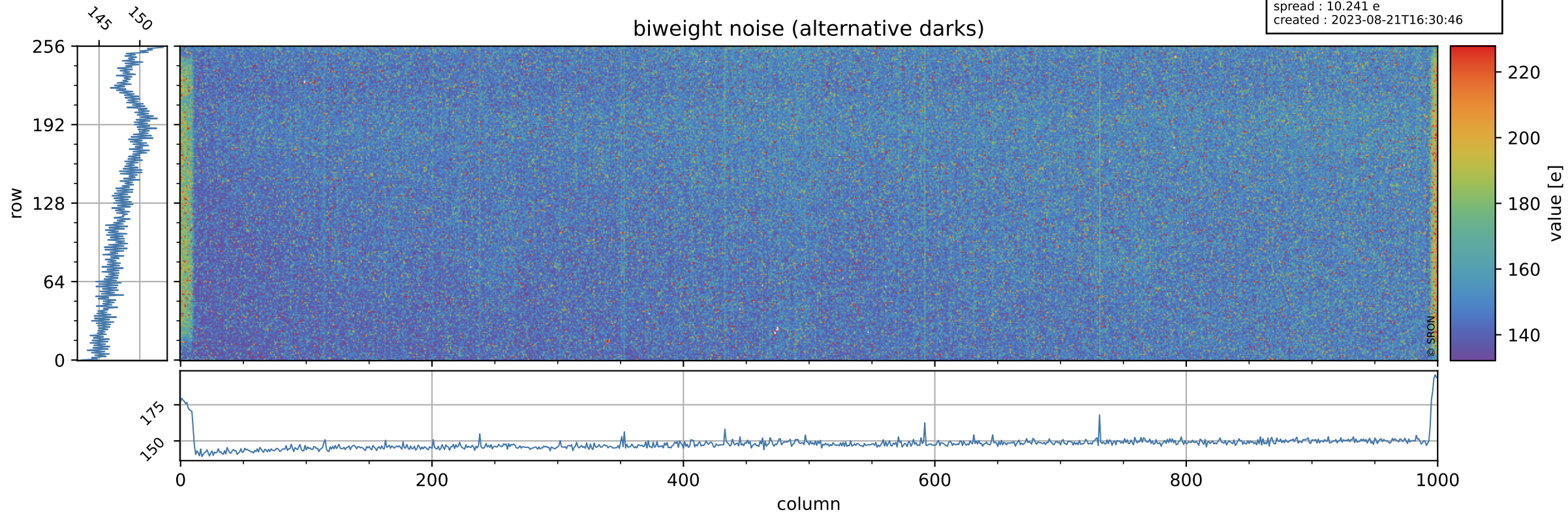
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.241 e  
created : 2023-08-21T16:30:46

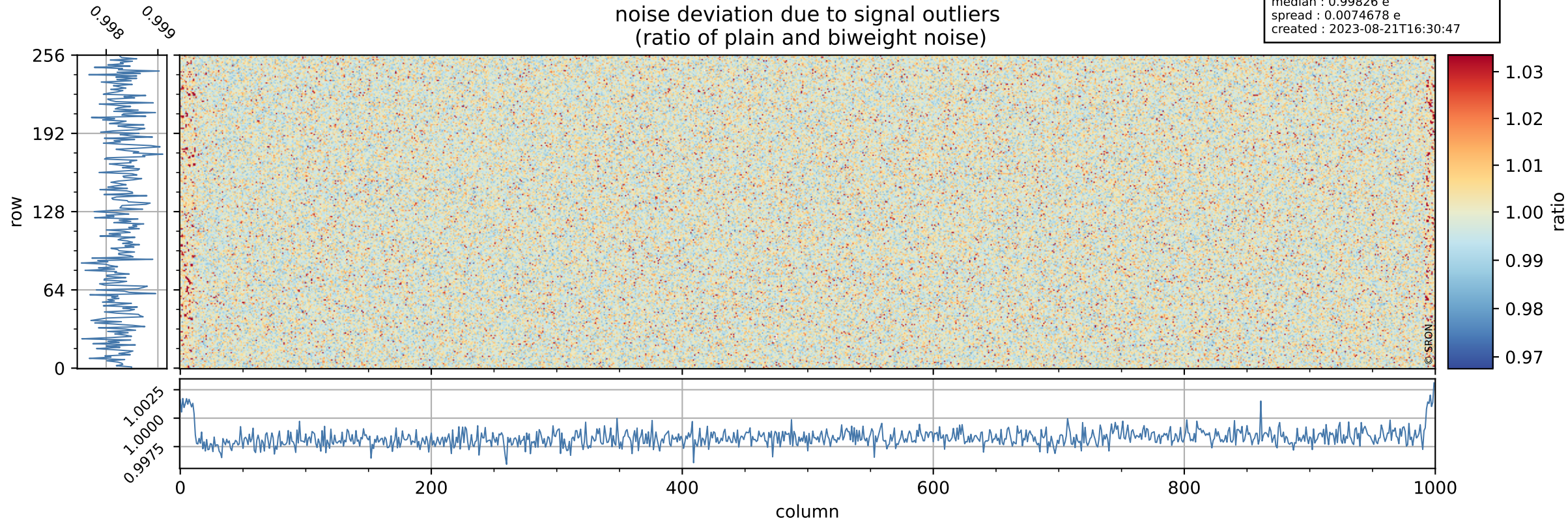
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

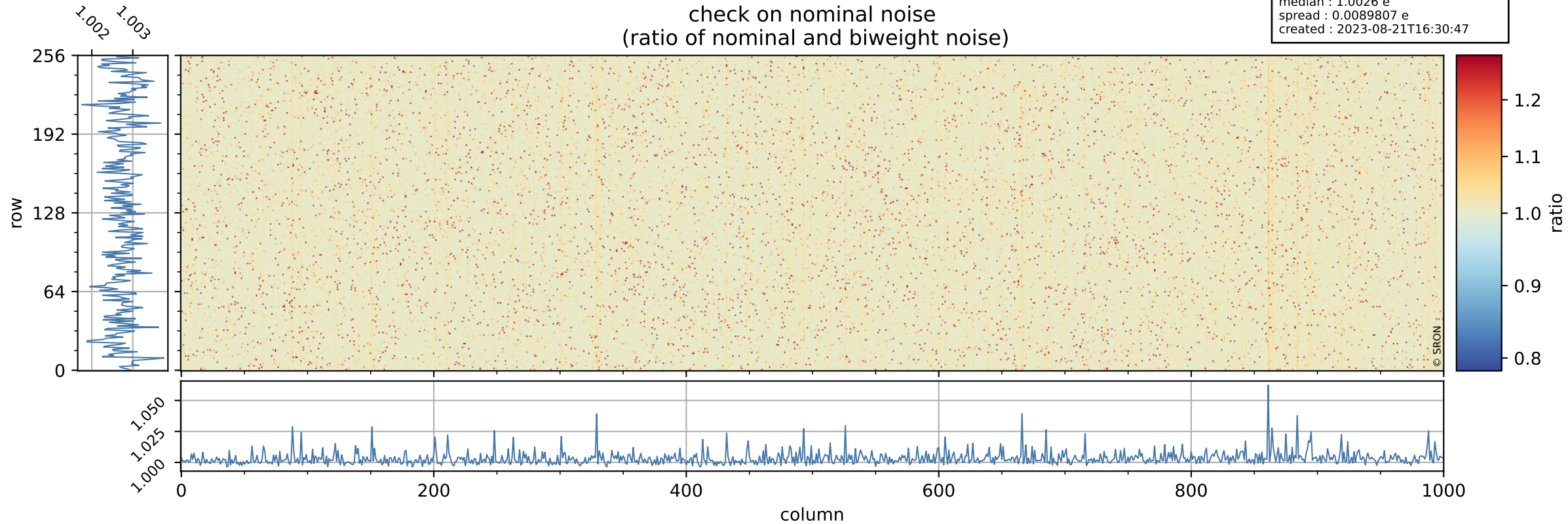
orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
median : 0.99826 e  
spread : 0.0074678 e  
created : 2023-08-21T16:30:47



# Tropomi SWIR background noise (swir)

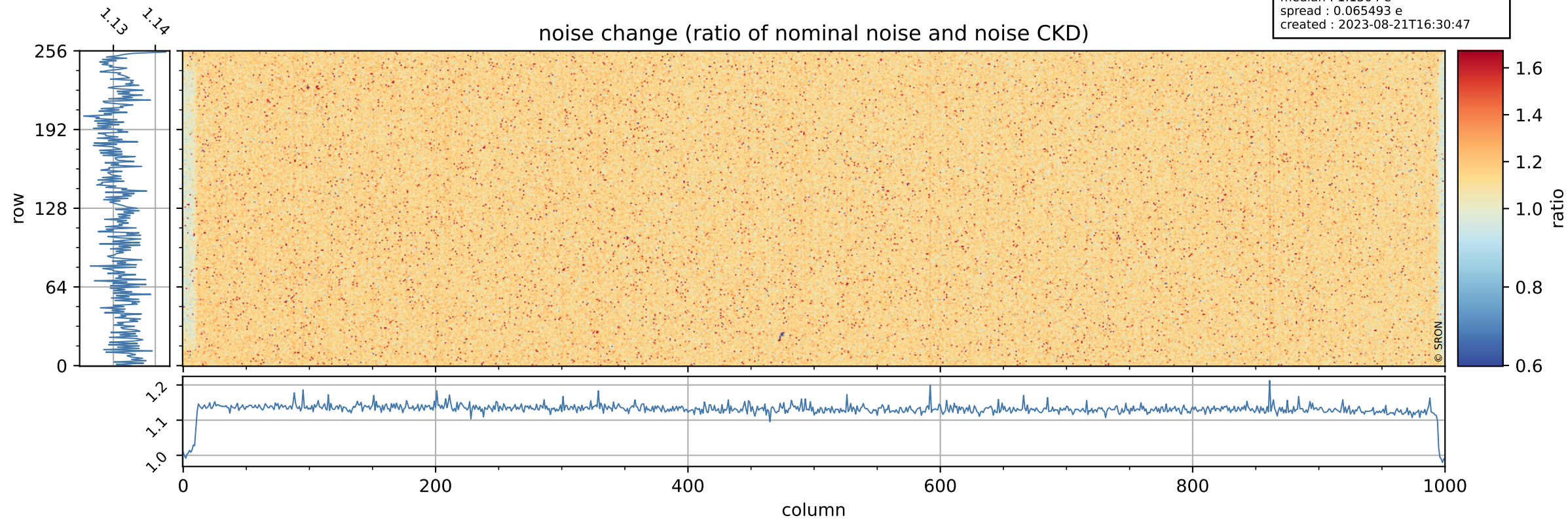
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
median : 1.0026 e  
spread : 0.0089807 e  
created : 2023-08-21T16:30:47



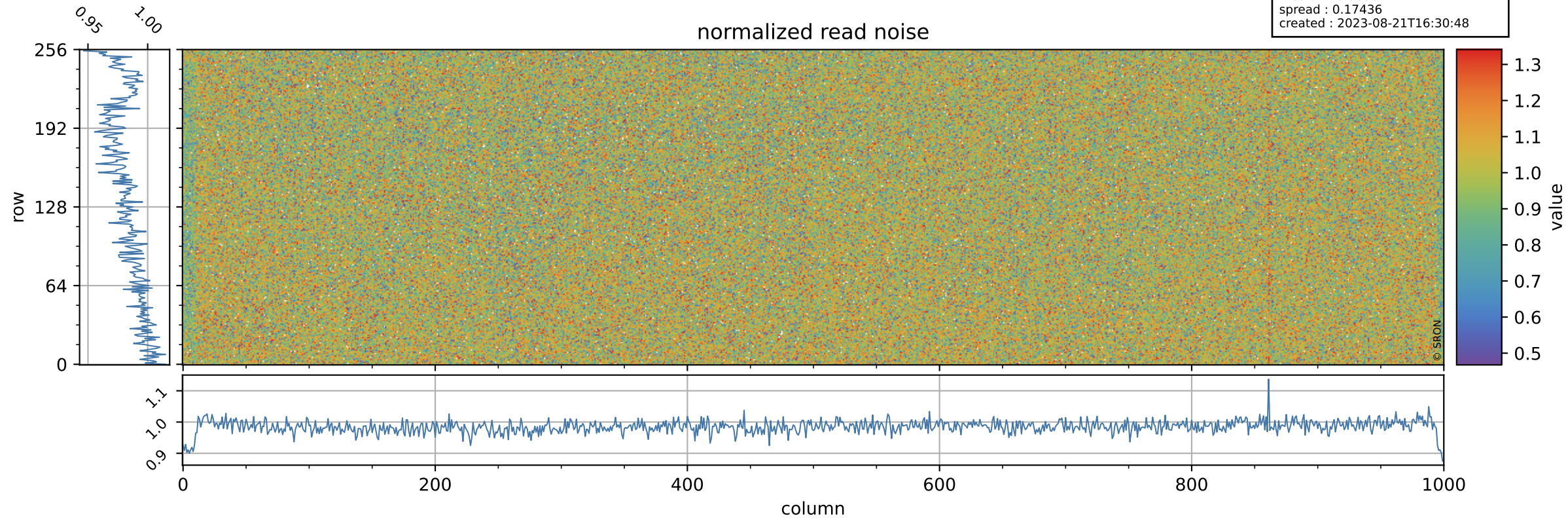
# Tropomi SWIR background noise (swir)

orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
median : 1.1304 e  
spread : 0.065493 e  
created : 2023-08-21T16:30:47



# Tropomi SWIR background noise (swir)

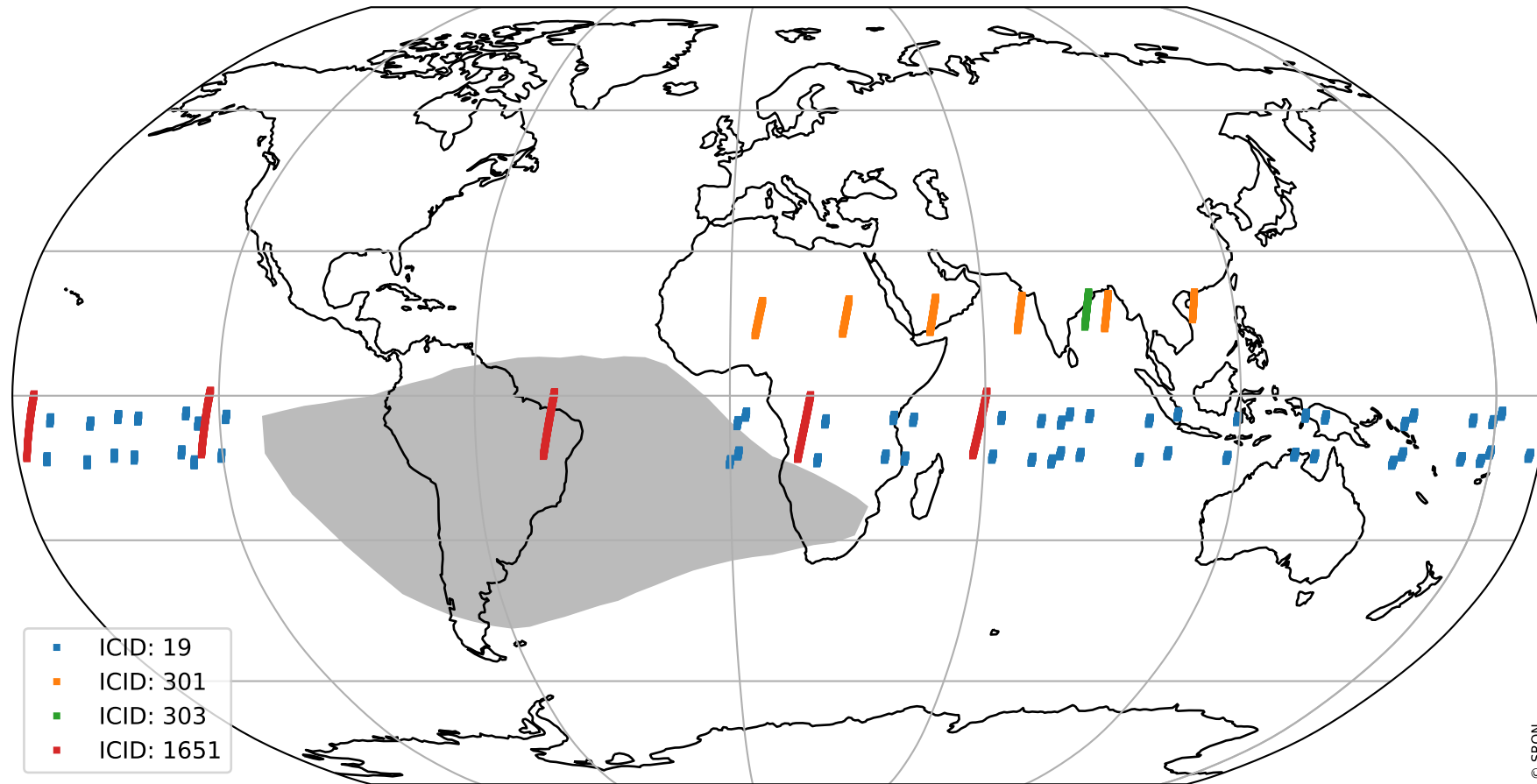
orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
median : 0.98301  
spread : 0.17436  
created : 2023-08-21T16:30:48





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

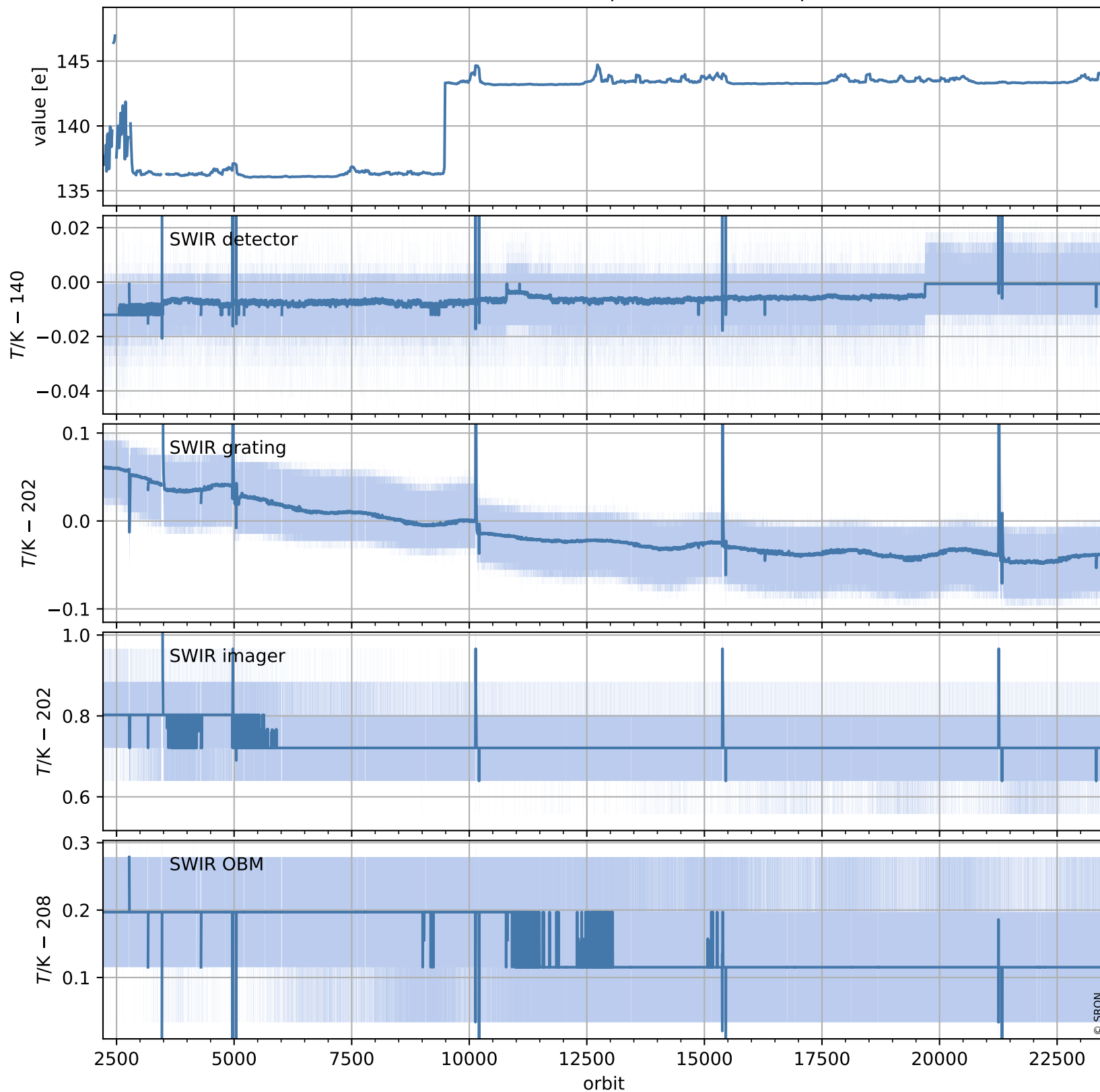
orbits : 12 in [23437, 23512]  
coverage : 2022-04-21 / 2022-04-27  
created : 2023-08-21T16:30:48



# Tropomi SWIR background noise (swir)

orbits : [2212, 23512]  
coverage : 2018-03-18 / 2022-04-27  
created : 2023-08-21T16:30:48

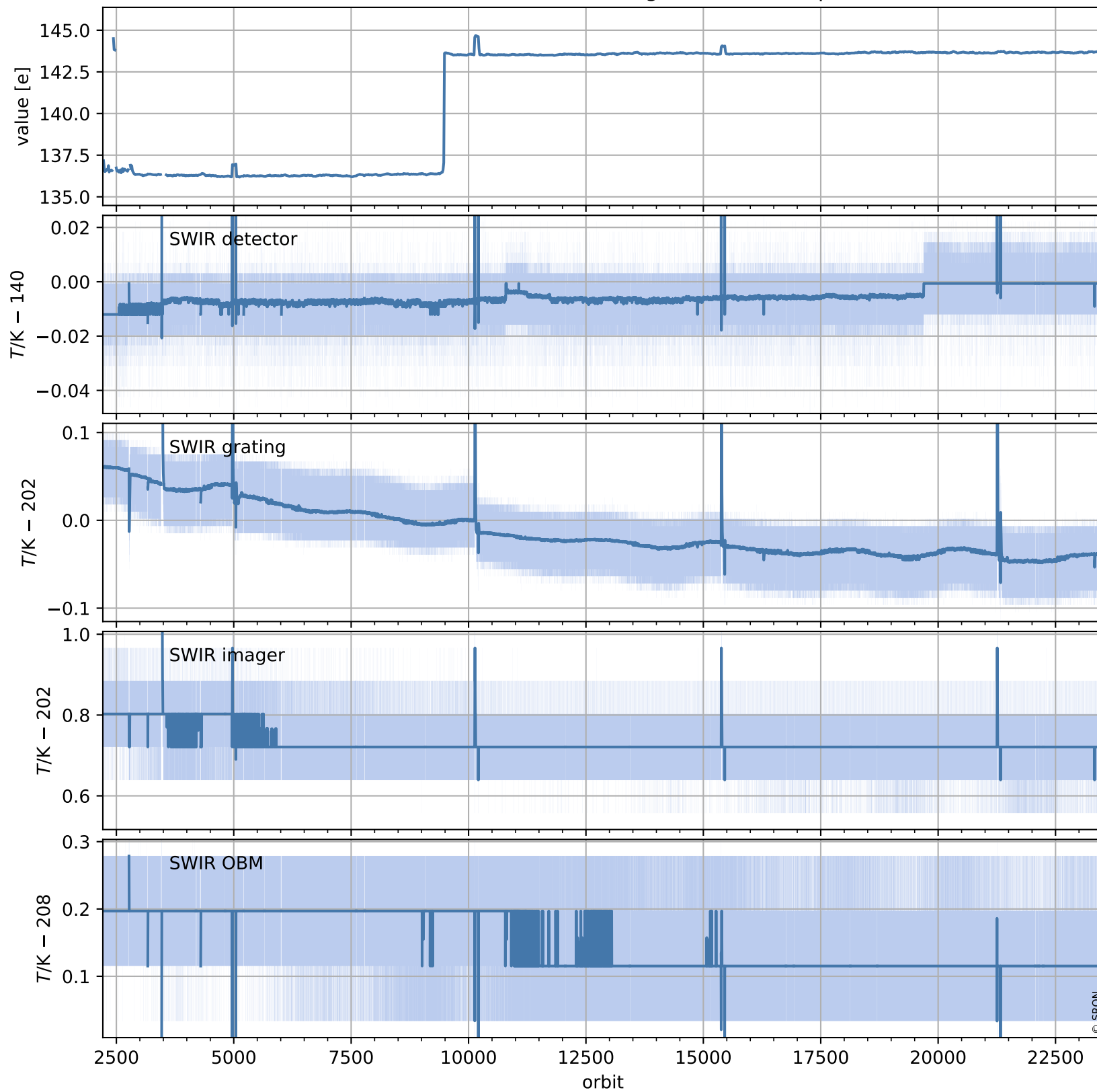
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23512]  
coverage : 2018-03-18 / 2022-04-27  
created : 2023-08-21T16:30:49

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23512]  
coverage : 2018-03-18 / 2022-04-27  
created : 2023-08-21T16:30:50

## trend of normalized read-noise & temperatures

