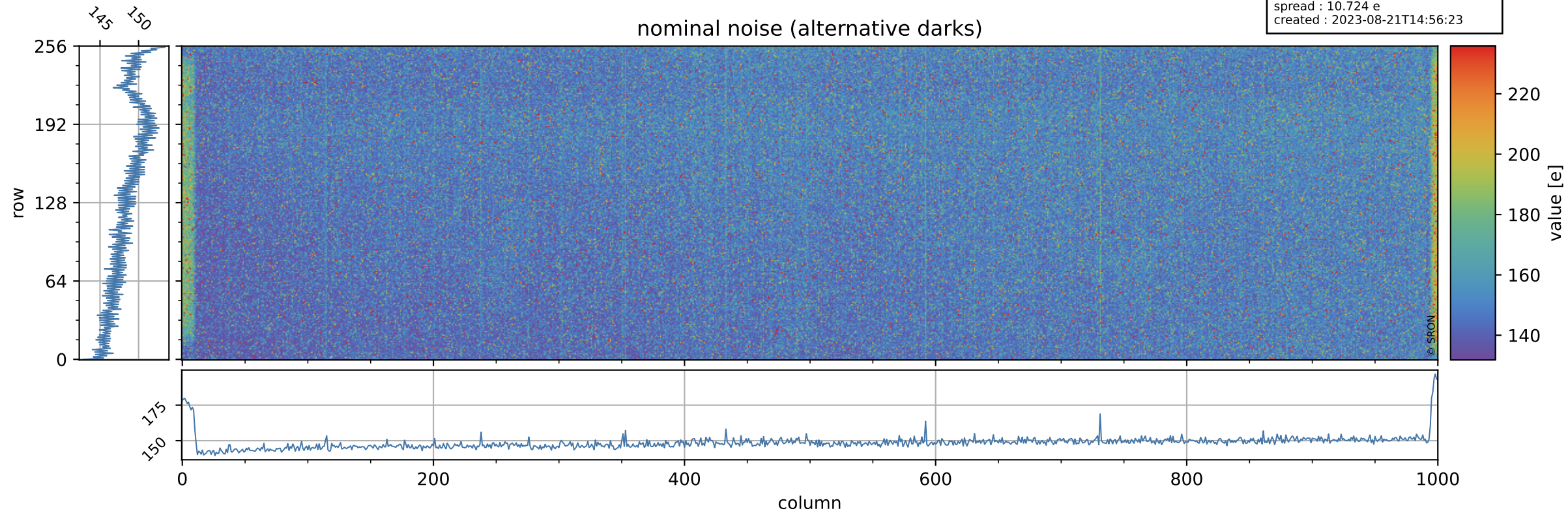


# Tropomi SWIR background noise (swir)

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.38 e  
spread : 10.724 e  
created : 2023-08-21T14:56:23

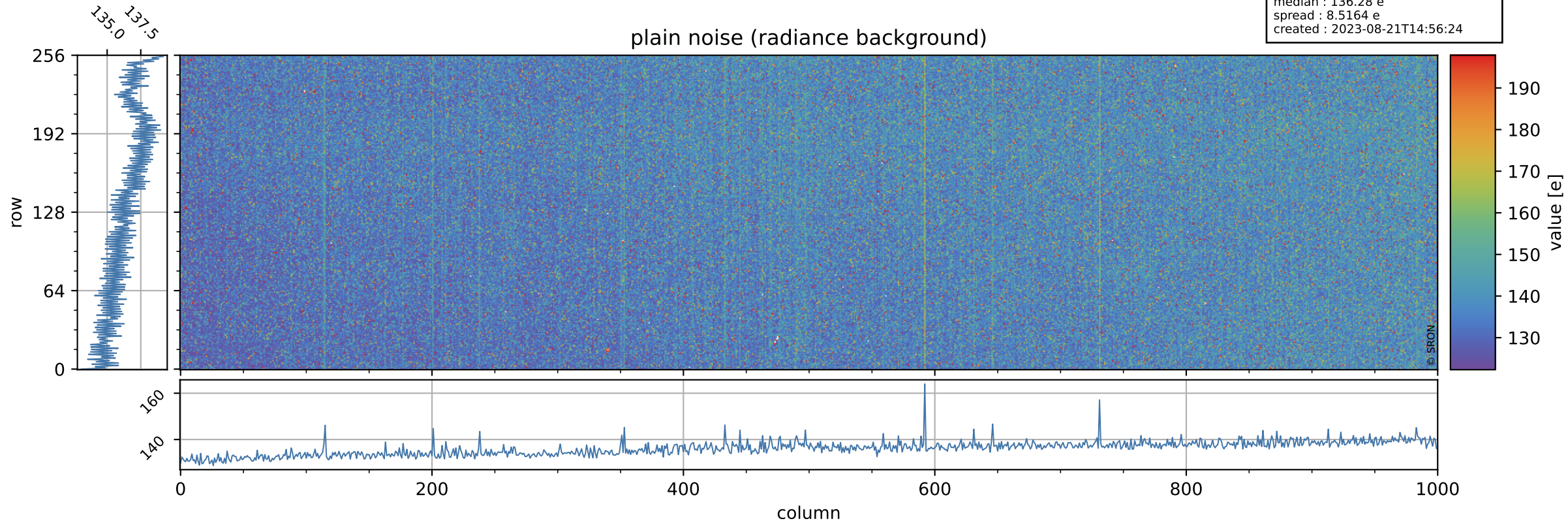
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
n\_coad, t\_exp : 2, 0.5383  
median : 136.28 e  
spread : 8.5164 e  
created : 2023-08-21T14:56:24

plain noise (radiance background)

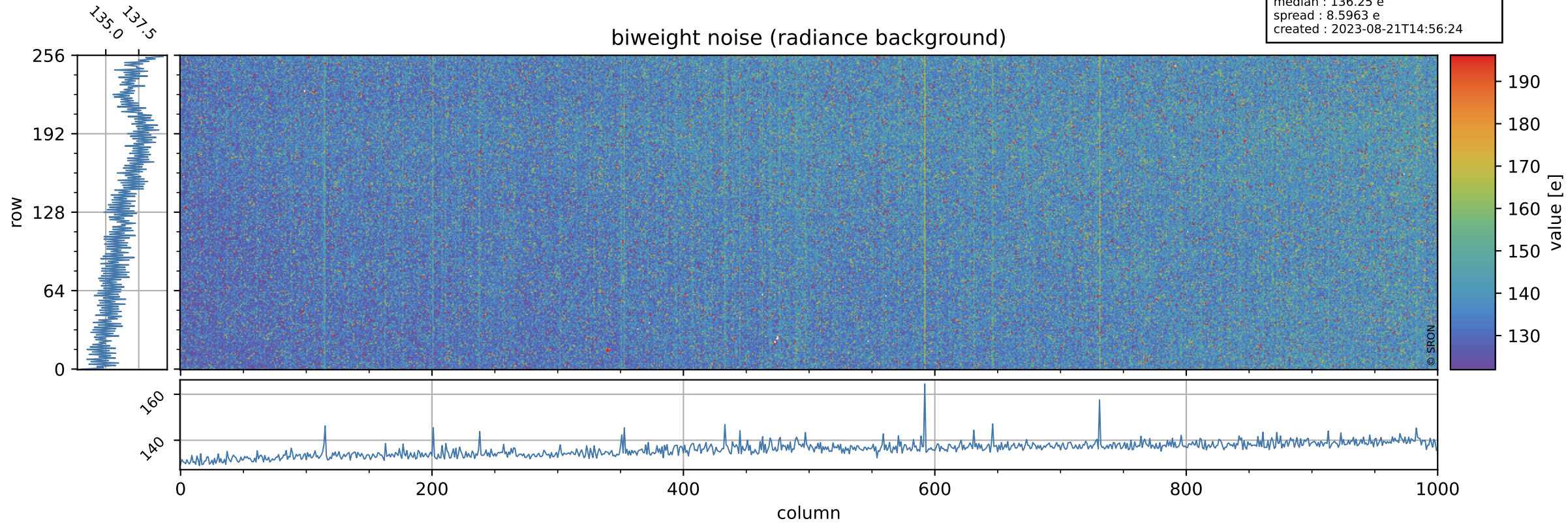




# Tropomi SWIR background noise (swir)

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
n\_coad, t\_exp : 2, 0.5383  
median : 136.25 e  
spread : 8.5963 e  
created : 2023-08-21T14:56:24

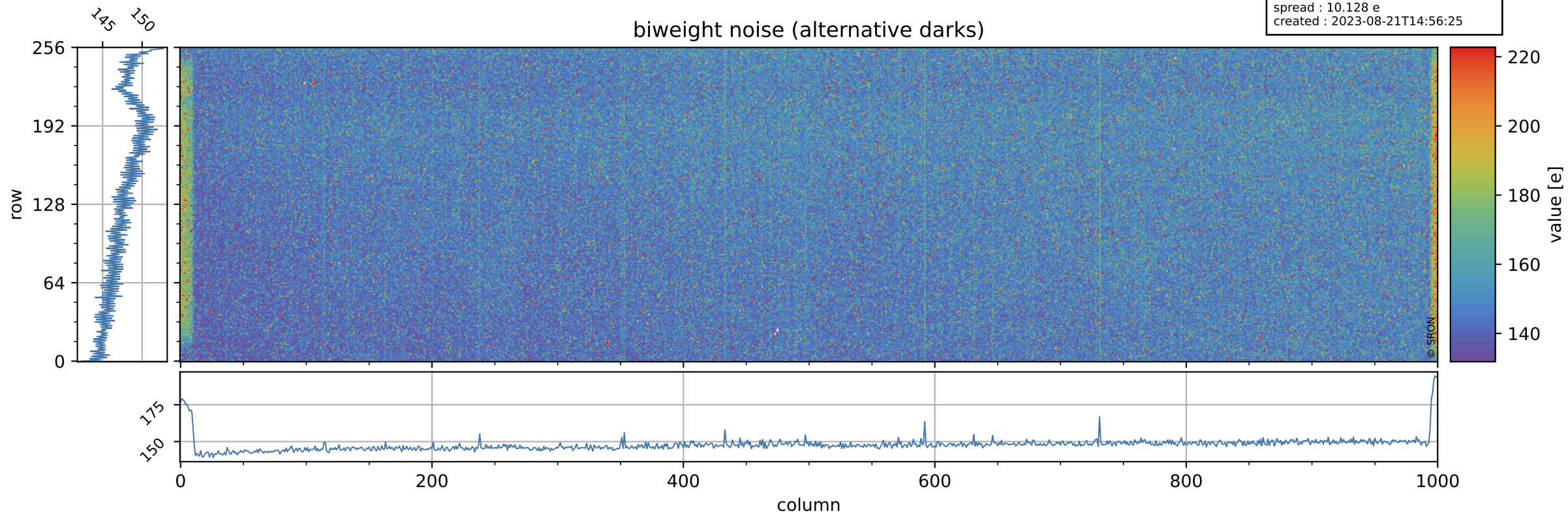
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 10.128 e  
created : 2023-08-21T14:56:25

## biweight noise (alternative darks)

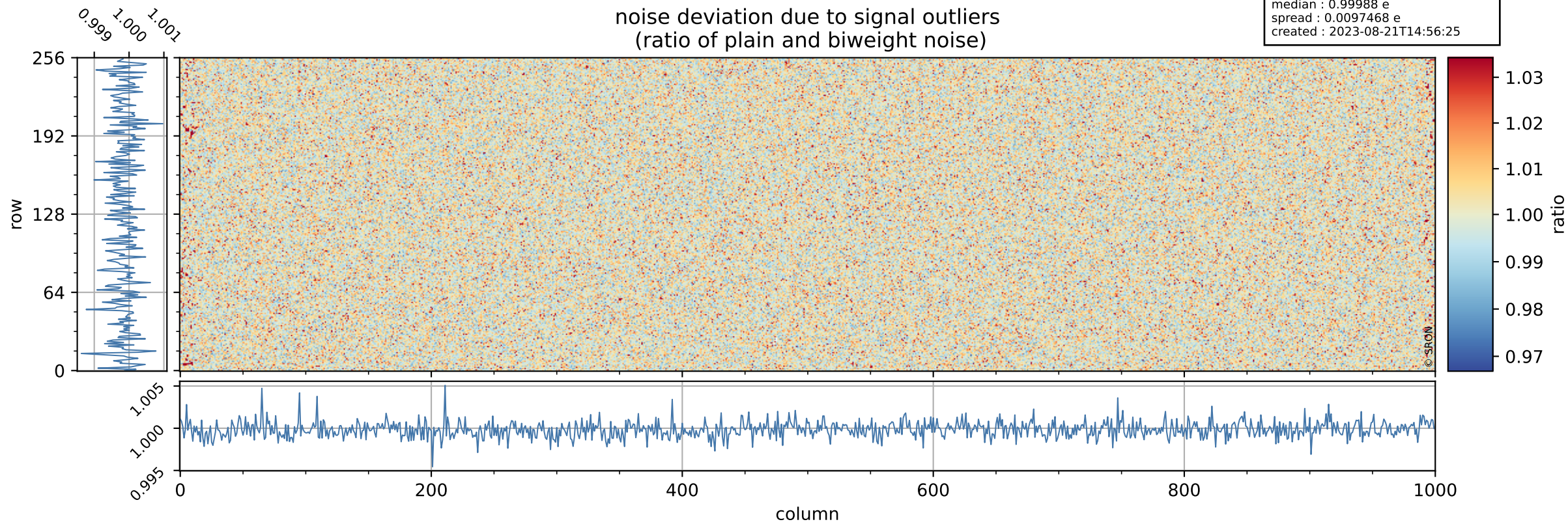




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
median : 0.99988 e  
spread : 0.0097468 e  
created : 2023-08-21T14:56:25

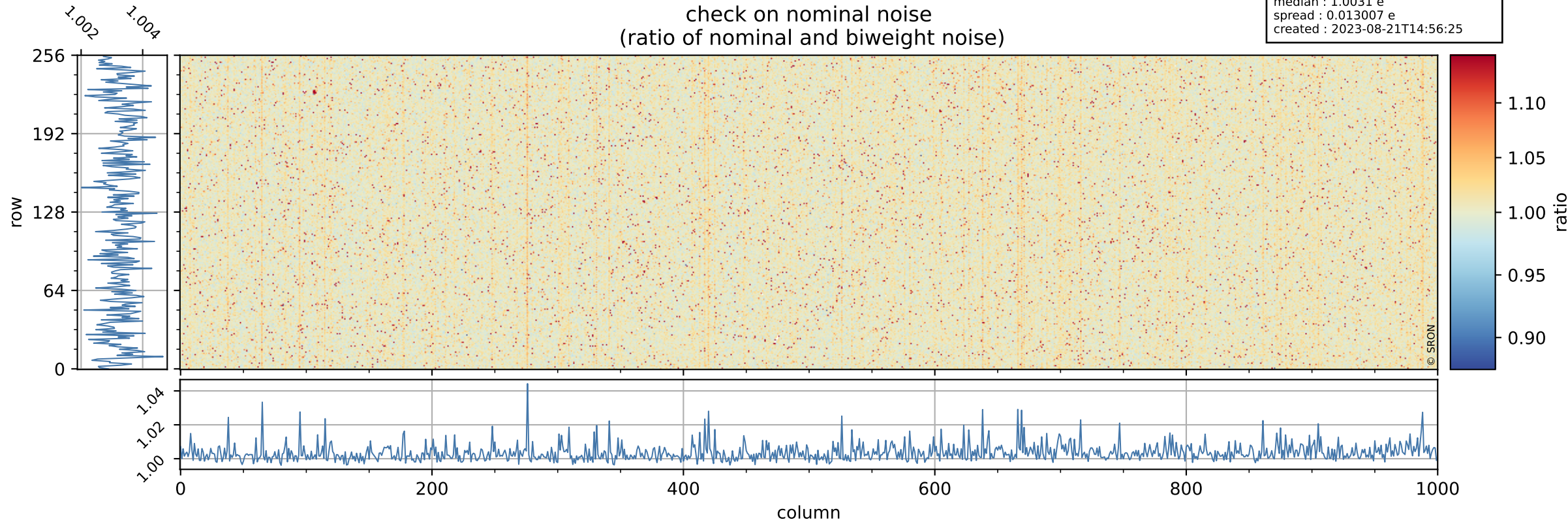




# Tropomi SWIR background noise (swir)

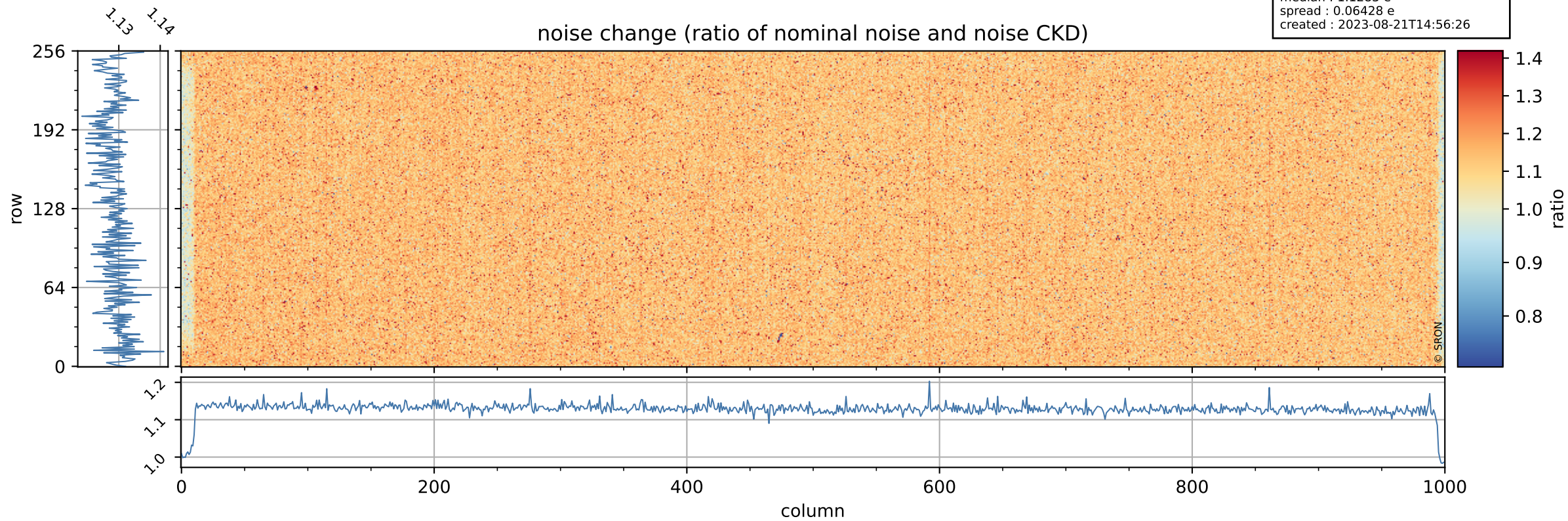
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
median : 1.0031 e  
spread : 0.013007 e  
created : 2023-08-21T14:56:25



# Tropomi SWIR background noise (swir)

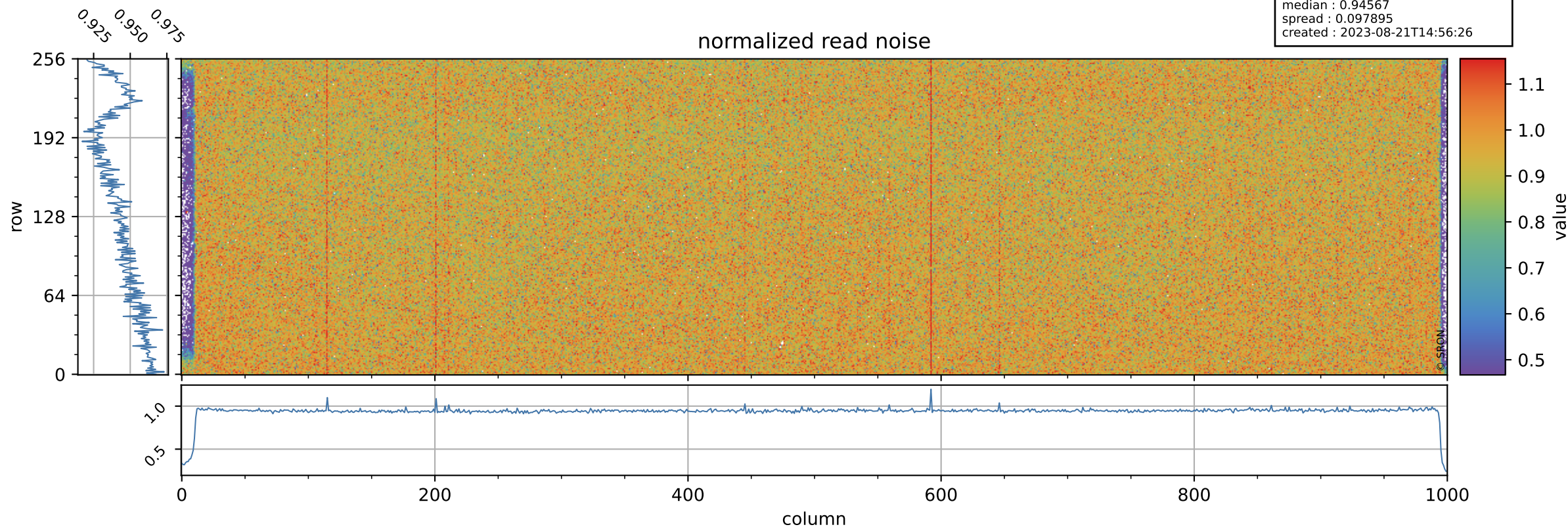
orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
median : 1.1283 e  
spread : 0.06428 e  
created : 2023-08-21T14:56:26





# Tropomi SWIR background noise (swir)

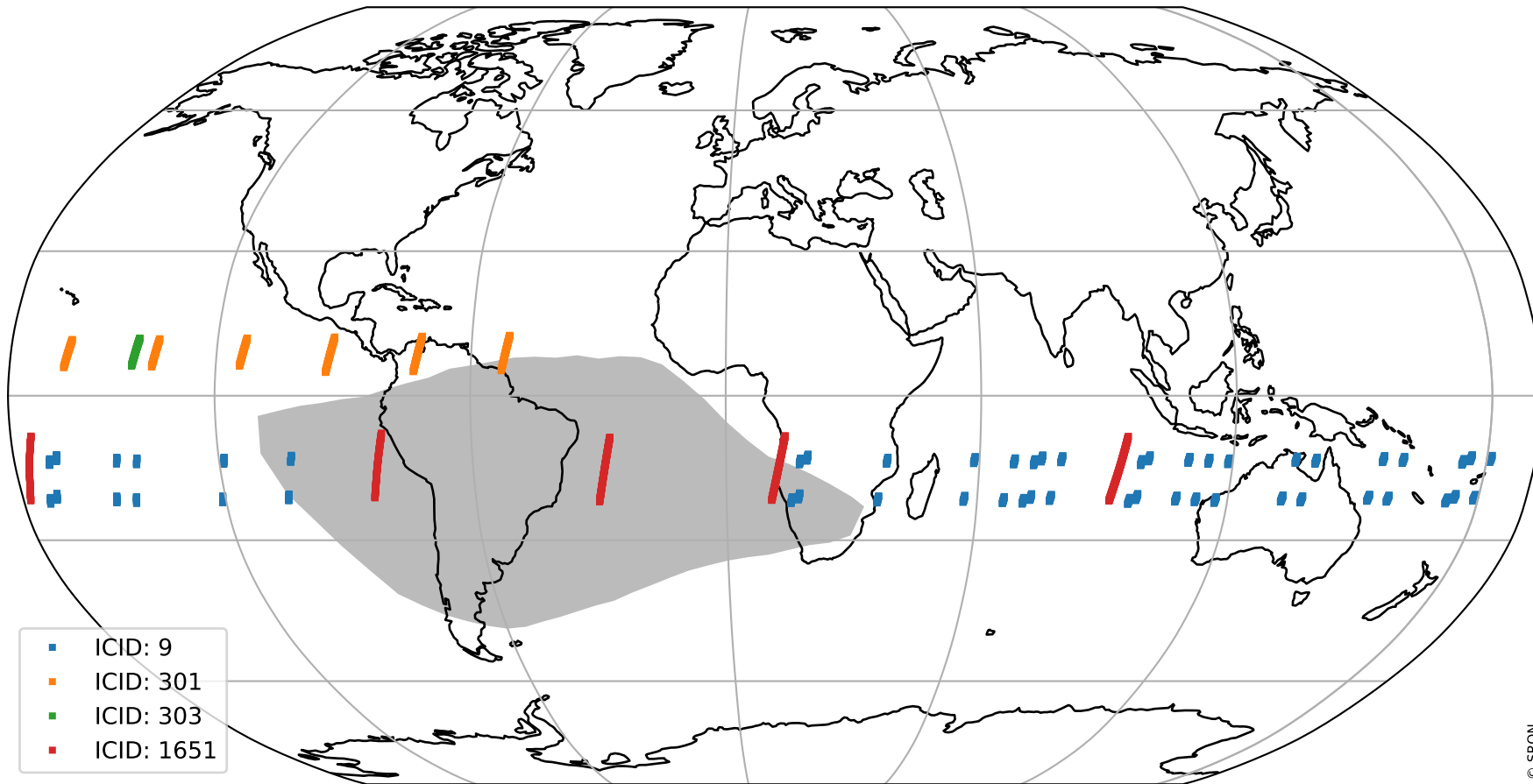
orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
median : 0.94567  
spread : 0.097895  
created : 2023-08-21T14:56:26





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

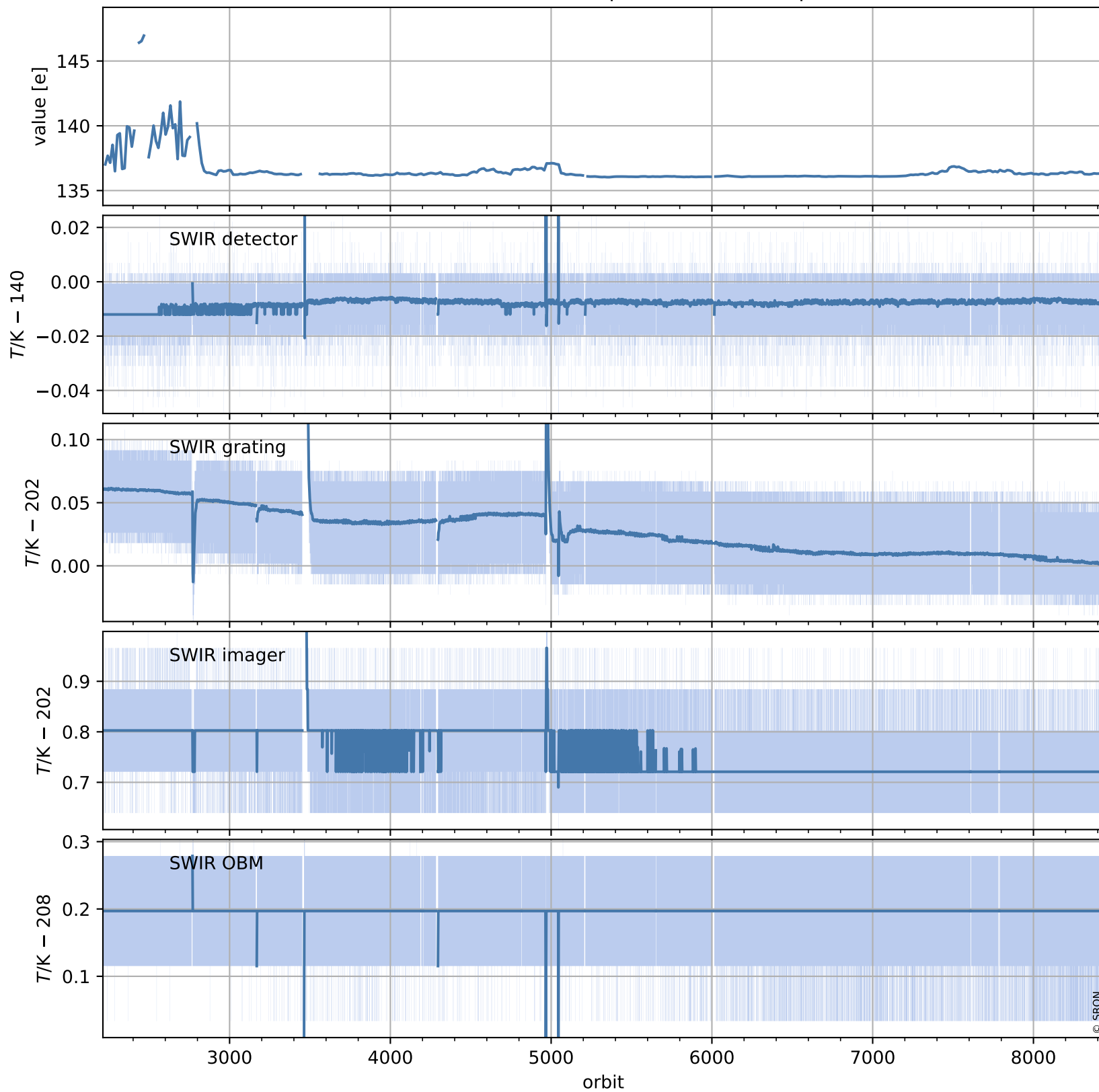
orbits : 12 in [8347, 8437]  
coverage : 2019-05-25 / 2019-05-31  
created : 2023-08-21T14:56:26



# Tropomi SWIR background noise (swir)

orbits : [2212, 8437]  
coverage : 2018-03-18 / 2019-05-31  
created : 2023-08-21T14:56:27

## trend of detector median of plain noise & temperatures

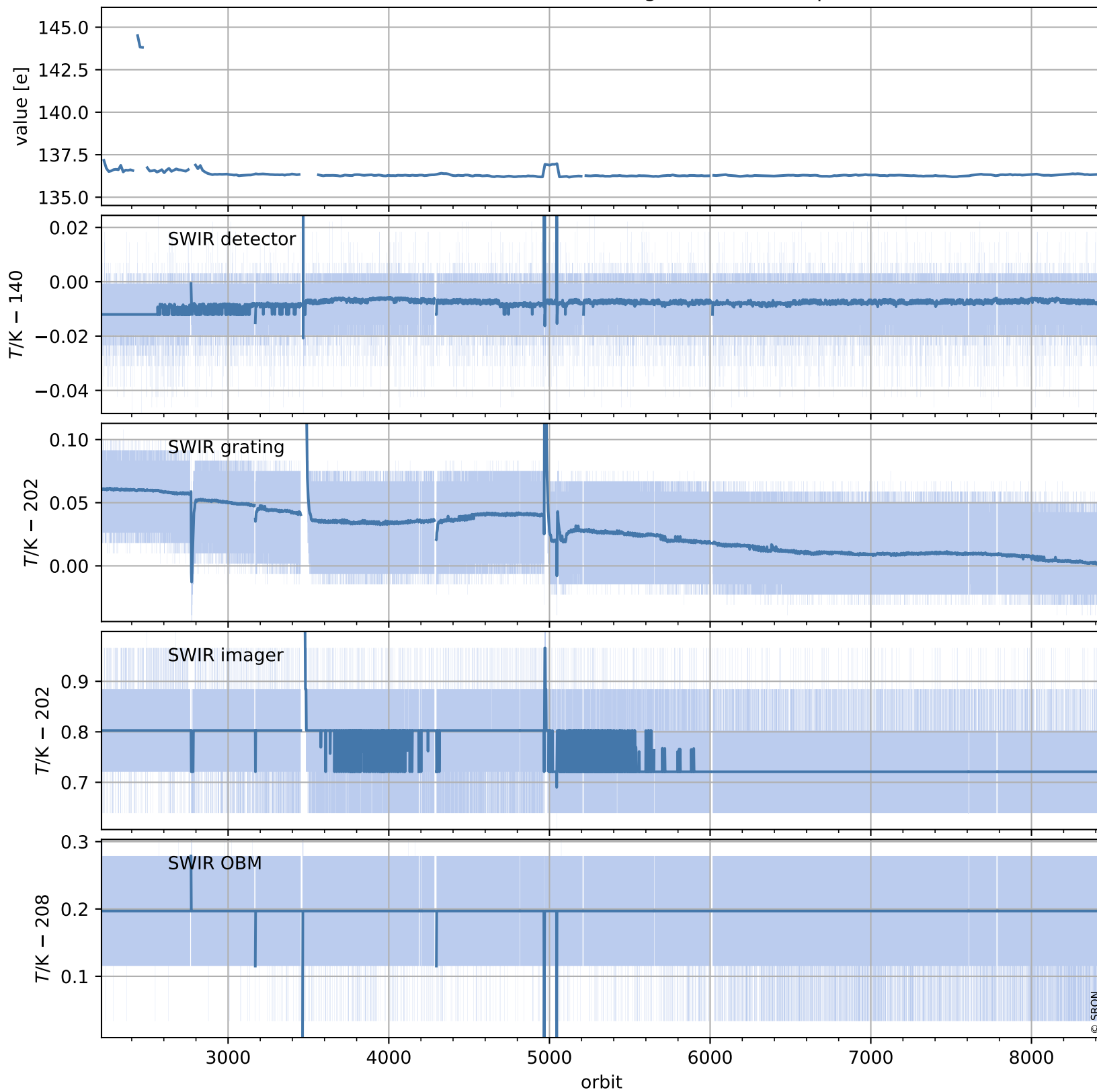




# Tropomi SWIR background noise (swir)

orbits : [2212, 8437]  
coverage : 2018-03-18 / 2019-05-31  
created : 2023-08-21T14:56:28

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8437]  
coverage : 2018-03-18 / 2019-05-31  
created : 2023-08-21T14:56:28

## trend of normalized read-noise & temperatures

