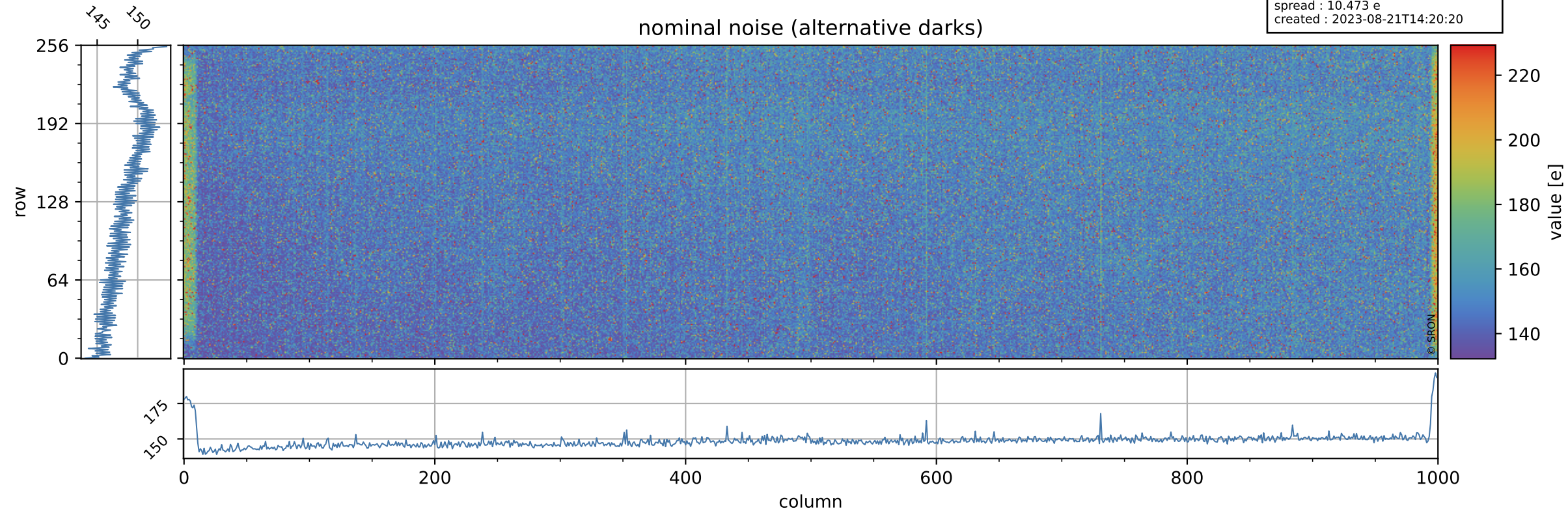


# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.4 e  
spread : 10.473 e  
created : 2023-08-21T14:20:20

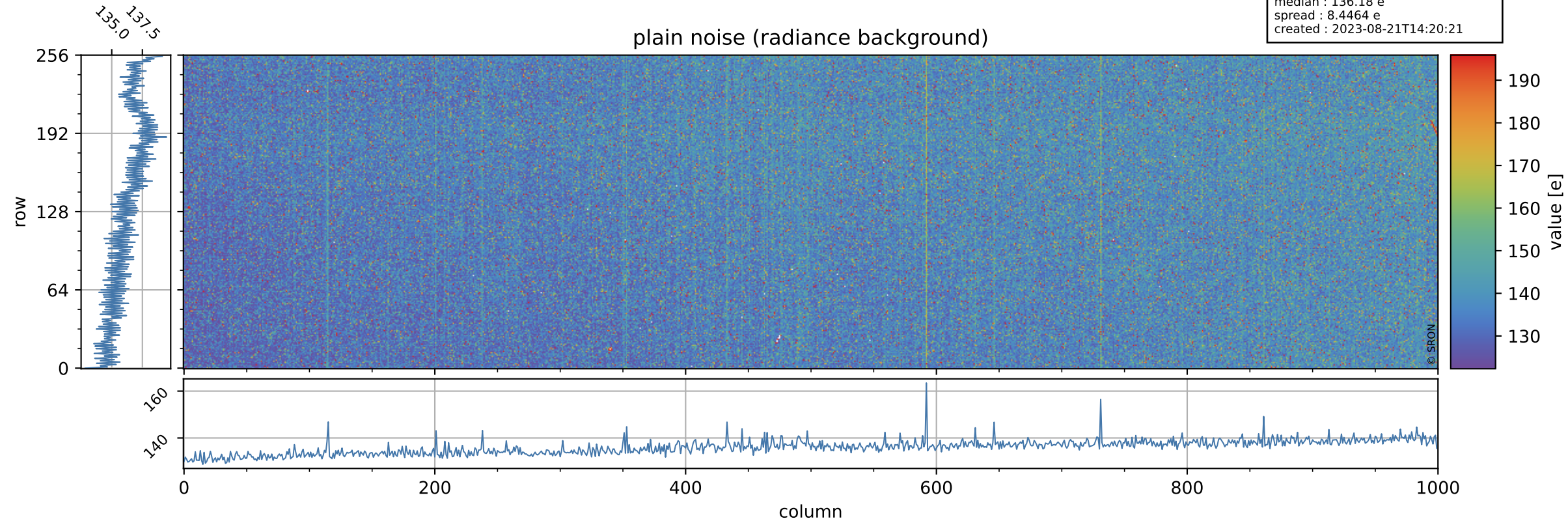
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.4464 e  
created : 2023-08-21T14:20:21

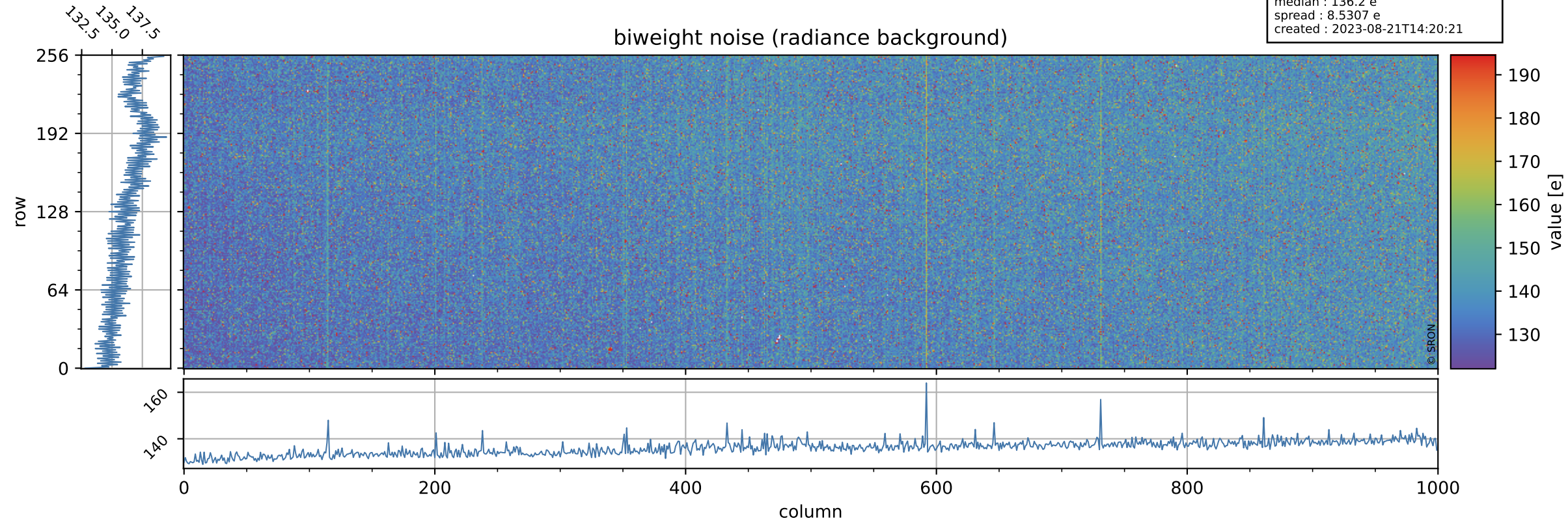
plain noise (radiance background)





# Tropomi SWIR background noise (swir)

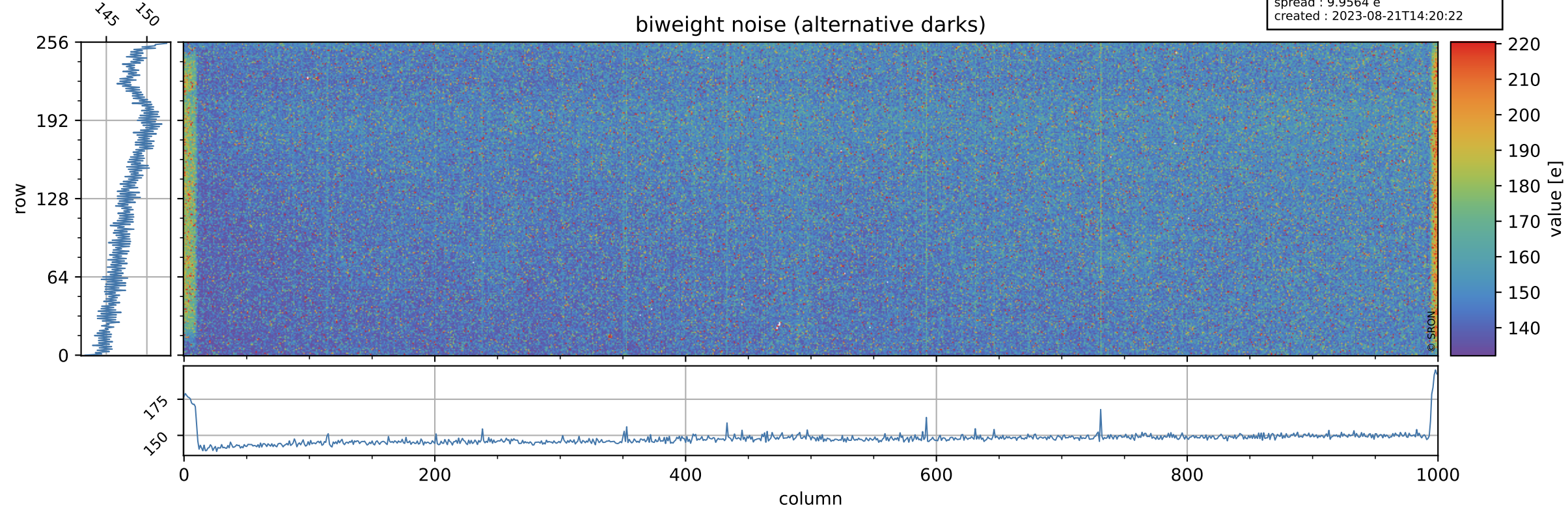
biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 9.9564 e  
created : 2023-08-21T14:20:22

biweight noise (alternative darks)

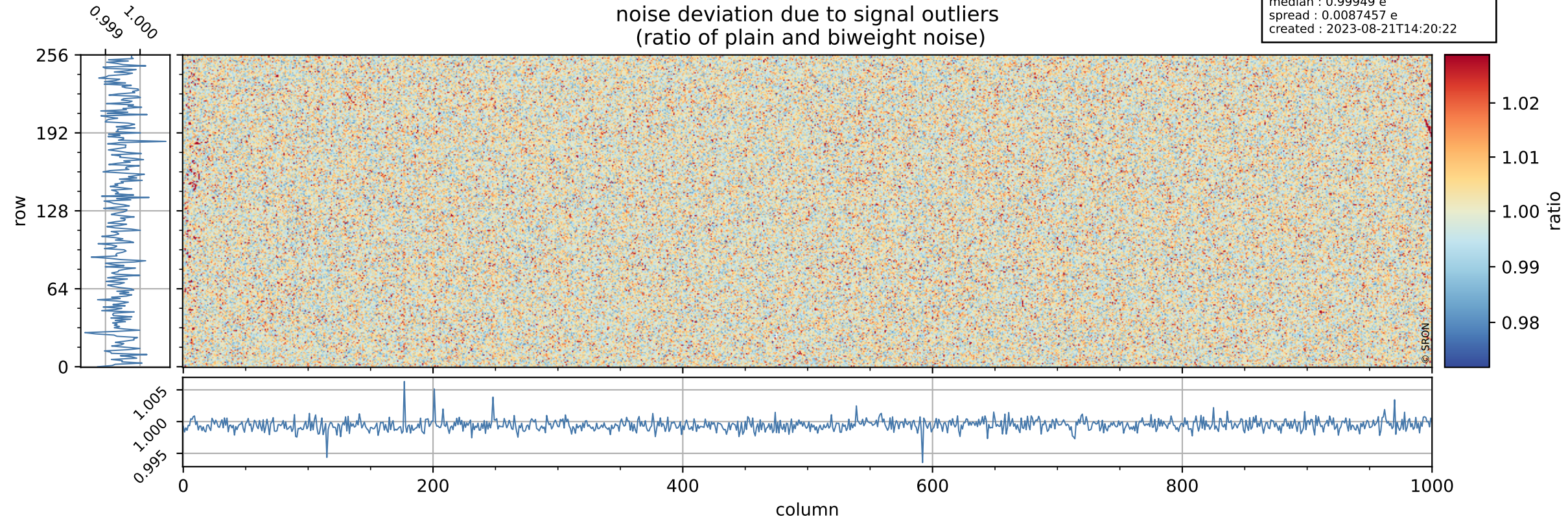




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
median : 0.99949 e  
spread : 0.0087457 e  
created : 2023-08-21T14:20:22

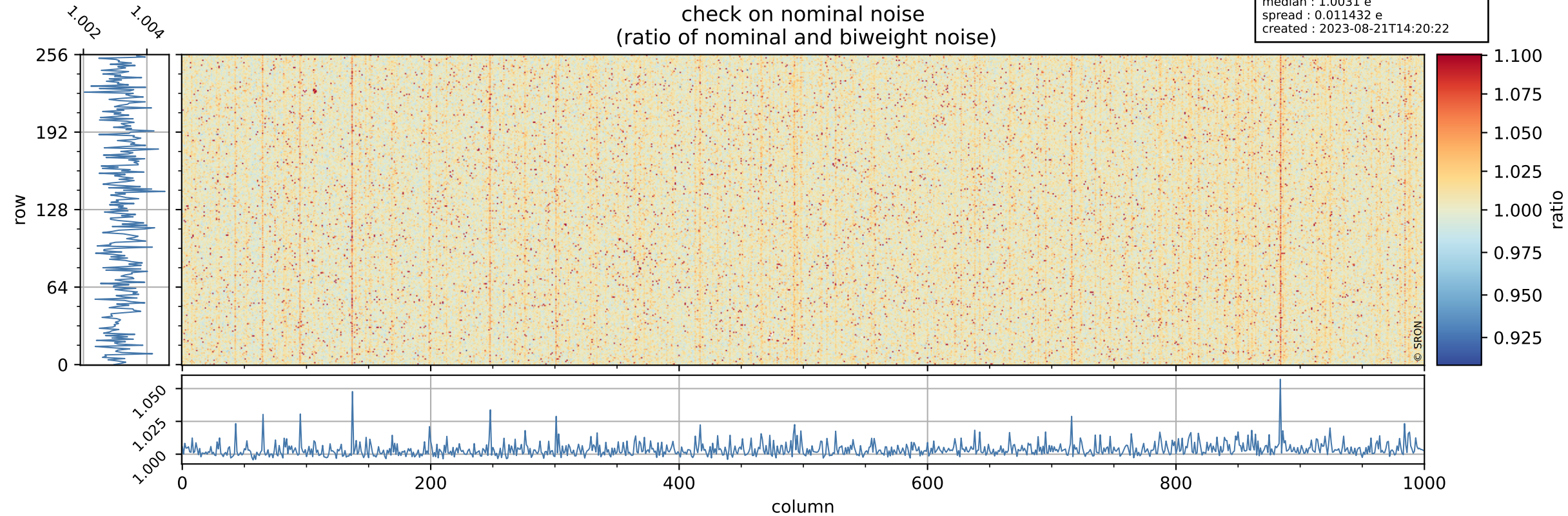




# Tropomi SWIR background noise (swir)

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

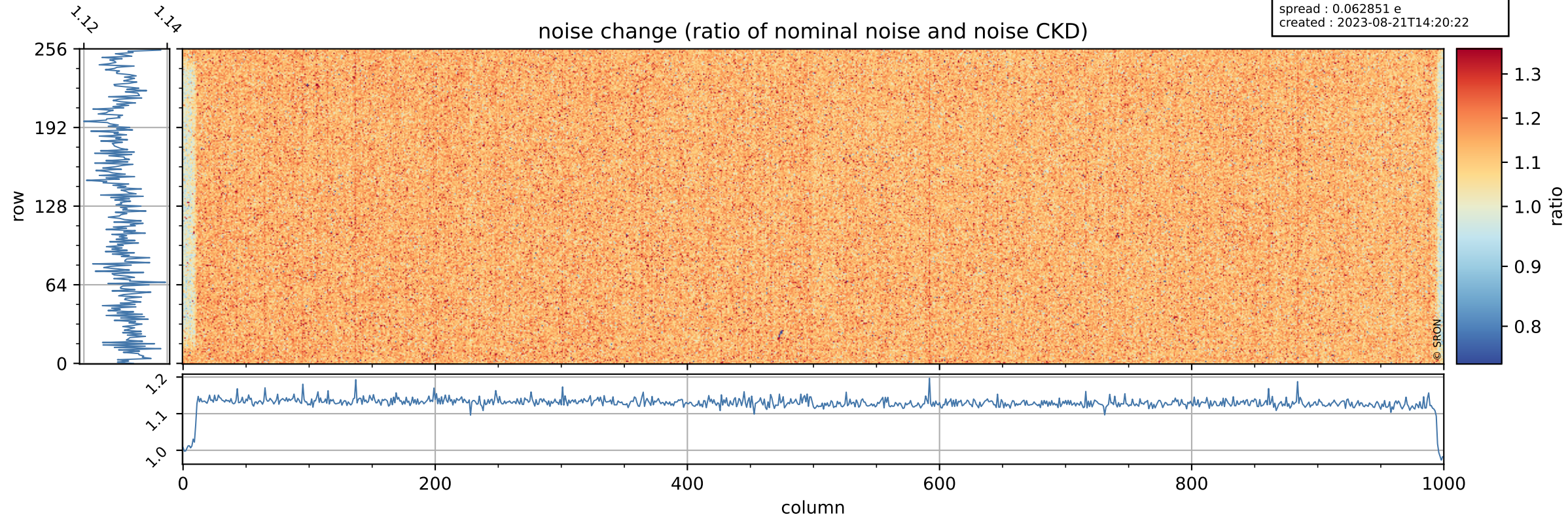
orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
median : 1.0031 e  
spread : 0.011432 e  
created : 2023-08-21T14:20:22



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
median : 1.129 e  
spread : 0.062851 e  
created : 2023-08-21T14:20:22

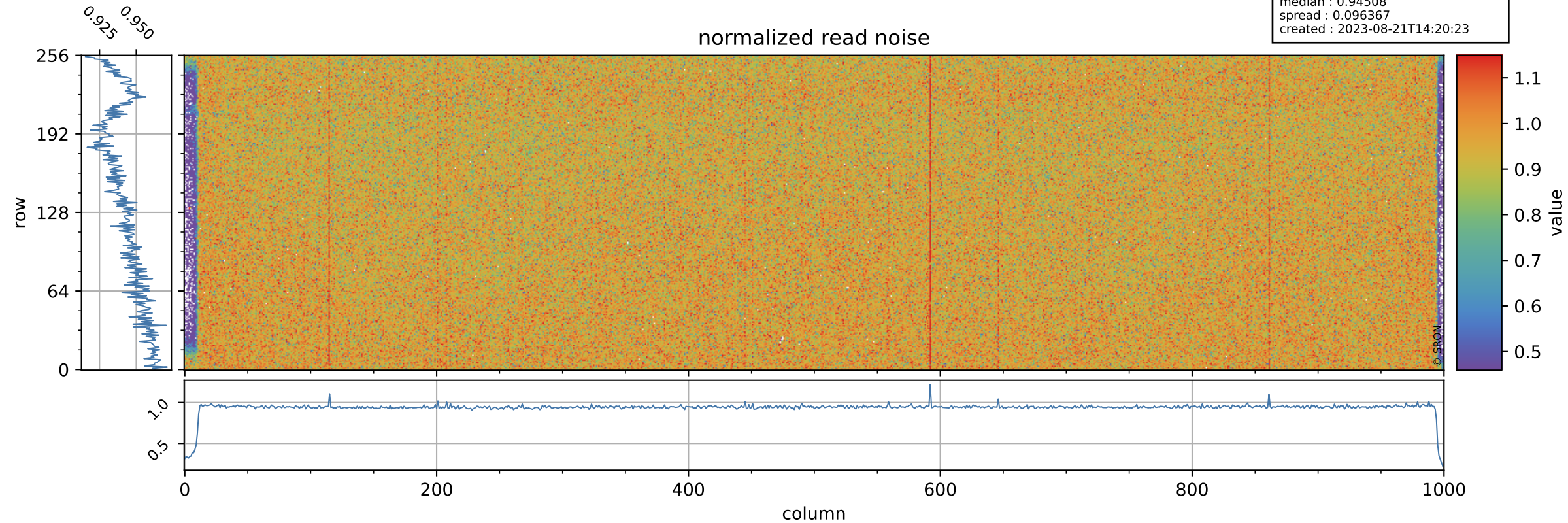
noise change (ratio of nominal noise and noise CKD)





# Tropomi SWIR background noise (swir)

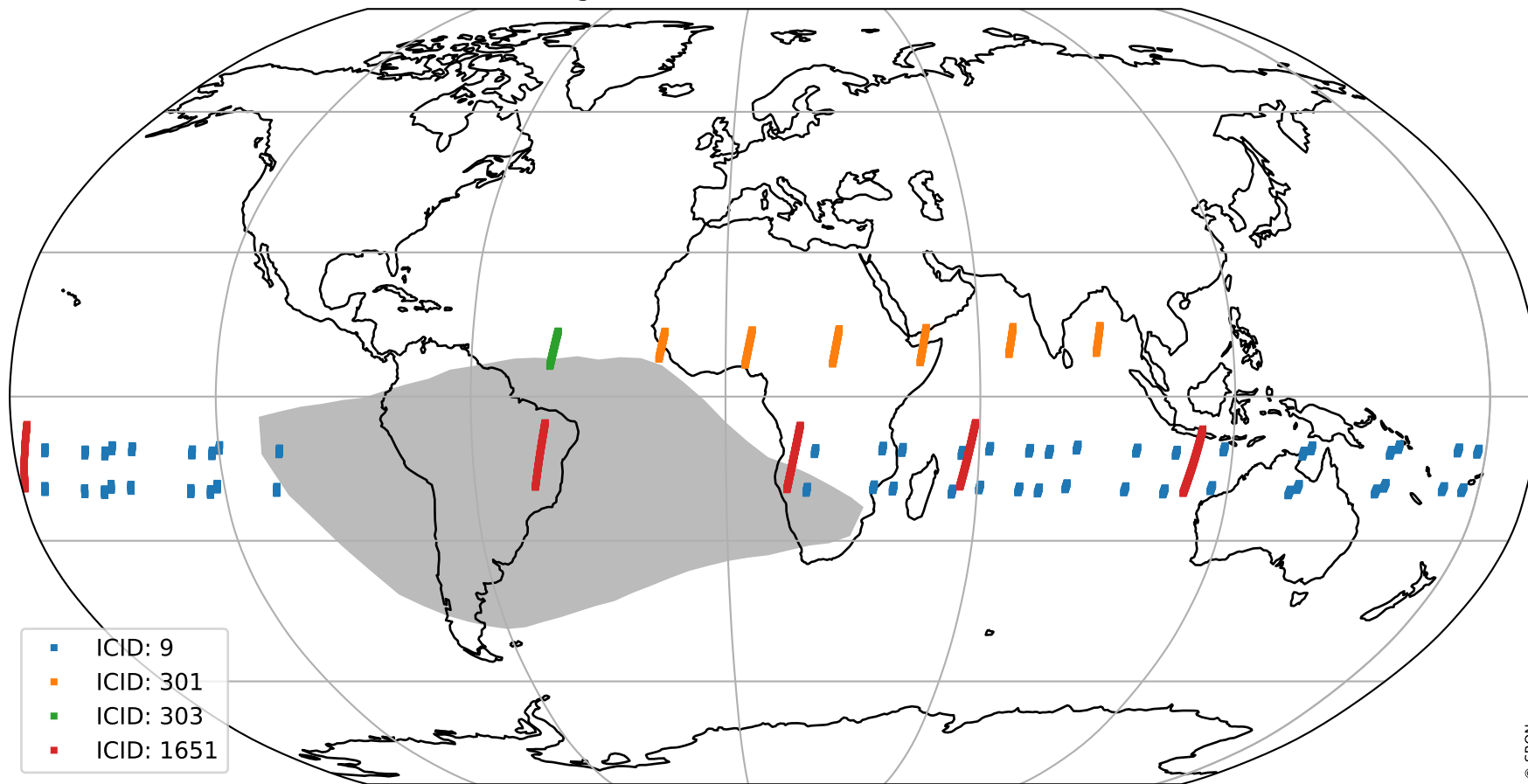
orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
median : 0.94508  
spread : 0.096367  
created : 2023-08-21T14:20:23





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

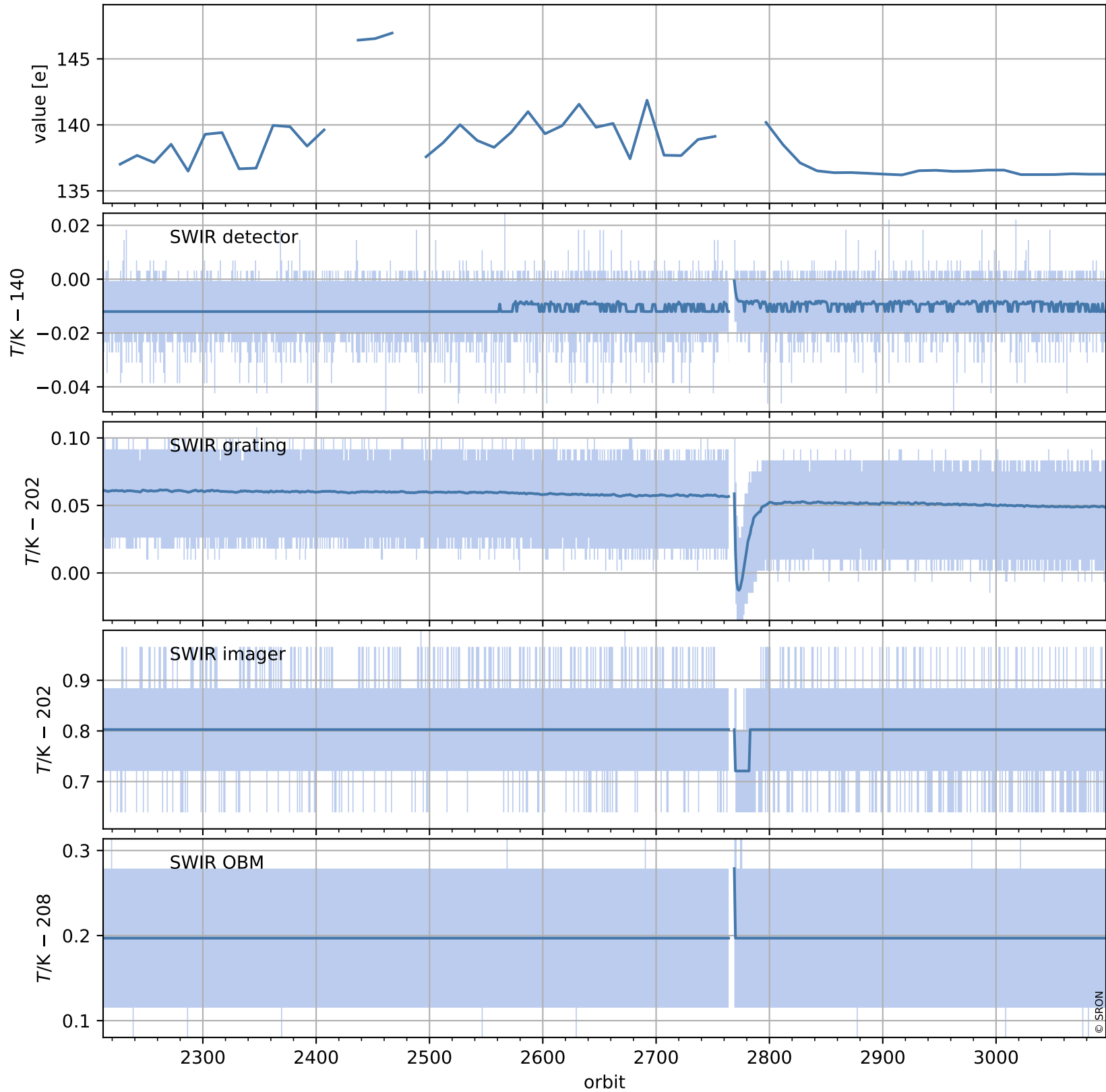
orbits : 12 in [3007, 3097]  
coverage : 2018-05-13 / 2018-05-19  
created : 2023-08-21T14:20:23



# Tropomi SWIR background noise (swir)

orbits : [2212, 3097]  
coverage : 2018-03-18 / 2018-05-19  
created : 2023-08-21T14:20:23

trend of detector median of plain noise & temperatures

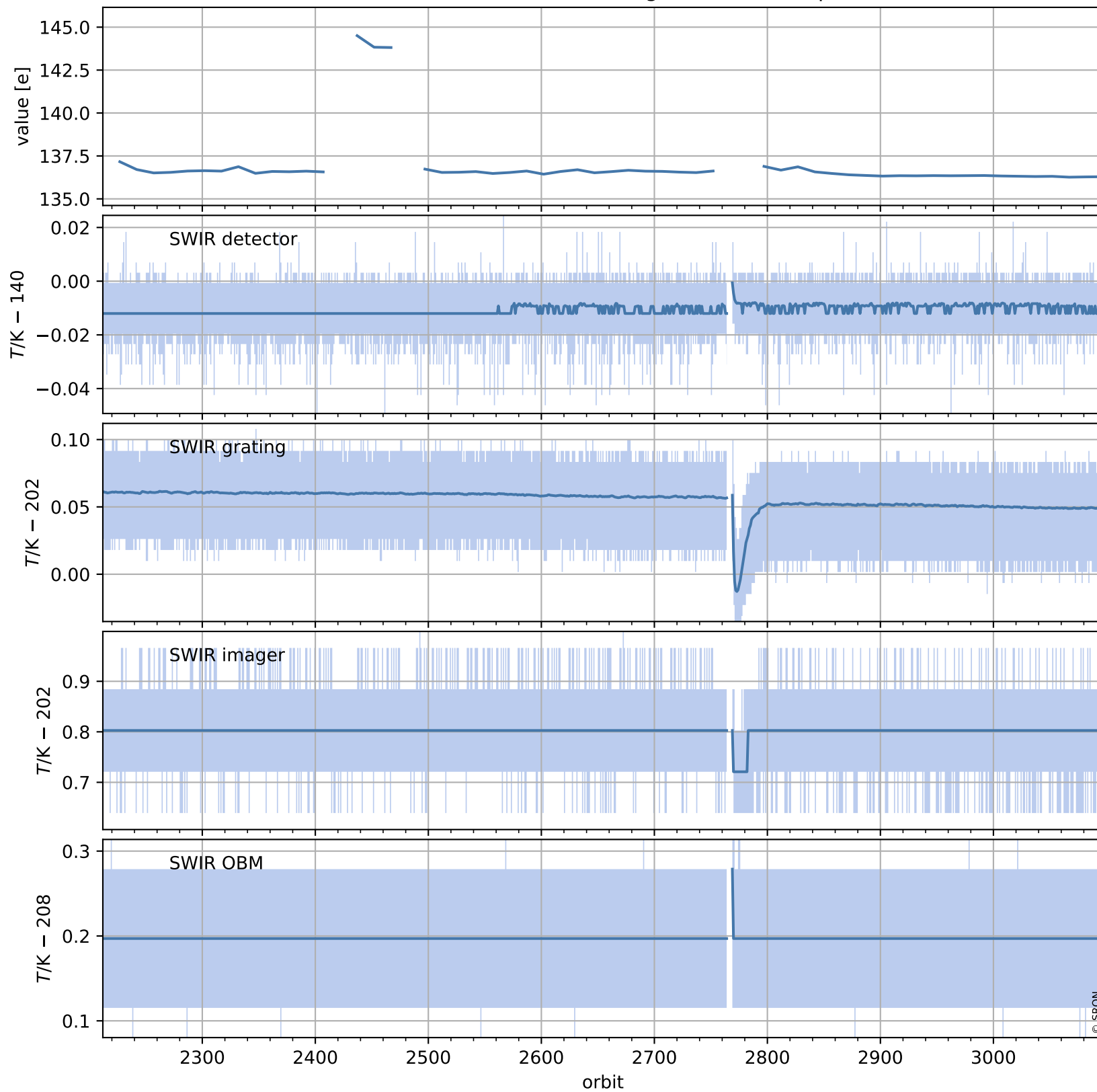




# Tropomi SWIR background noise (swir)

orbits : [2212, 3097]  
coverage : 2018-03-18 / 2018-05-19  
created : 2023-08-21T14:20:24

trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3097]  
coverage : 2018-03-18 / 2018-05-19  
created : 2023-08-21T14:20:24

trend of normalized read-noise & temperatures

