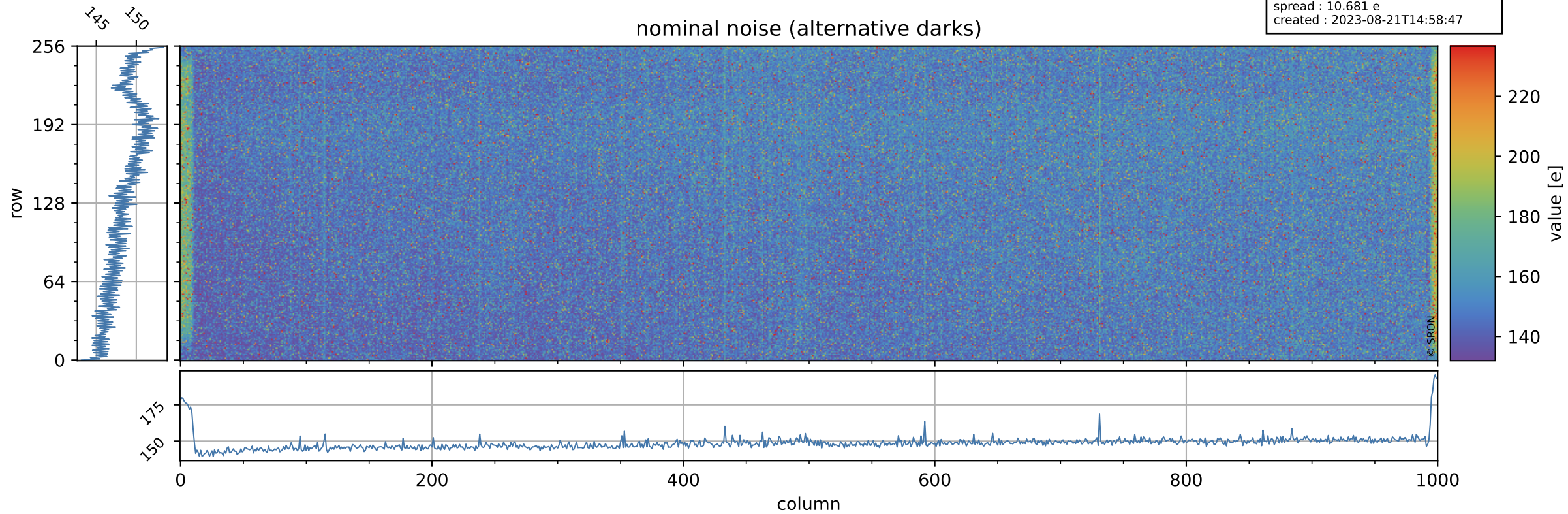


# Tropomi SWIR background noise (swir)

orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.37 e  
spread : 10.681 e  
created : 2023-08-21T14:58:47

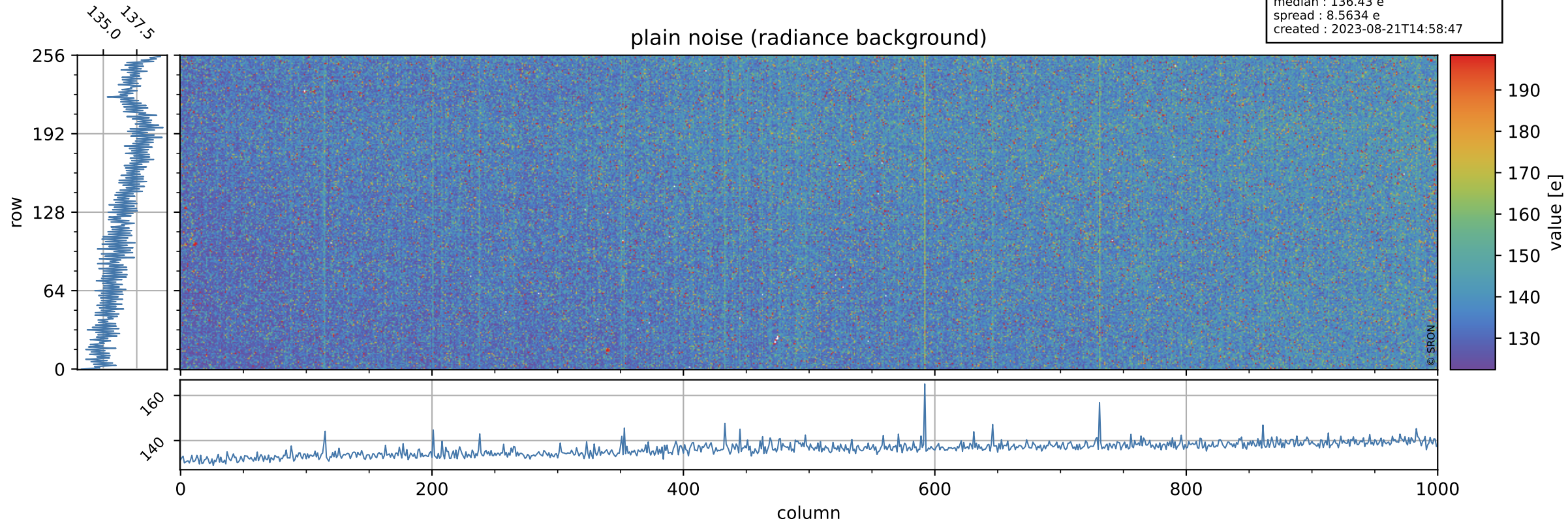
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
n\_coad, t\_exp : 2, 0.5383  
median : 136.43 e  
spread : 8.5634 e  
created : 2023-08-21T14:58:47

plain noise (radiance background)

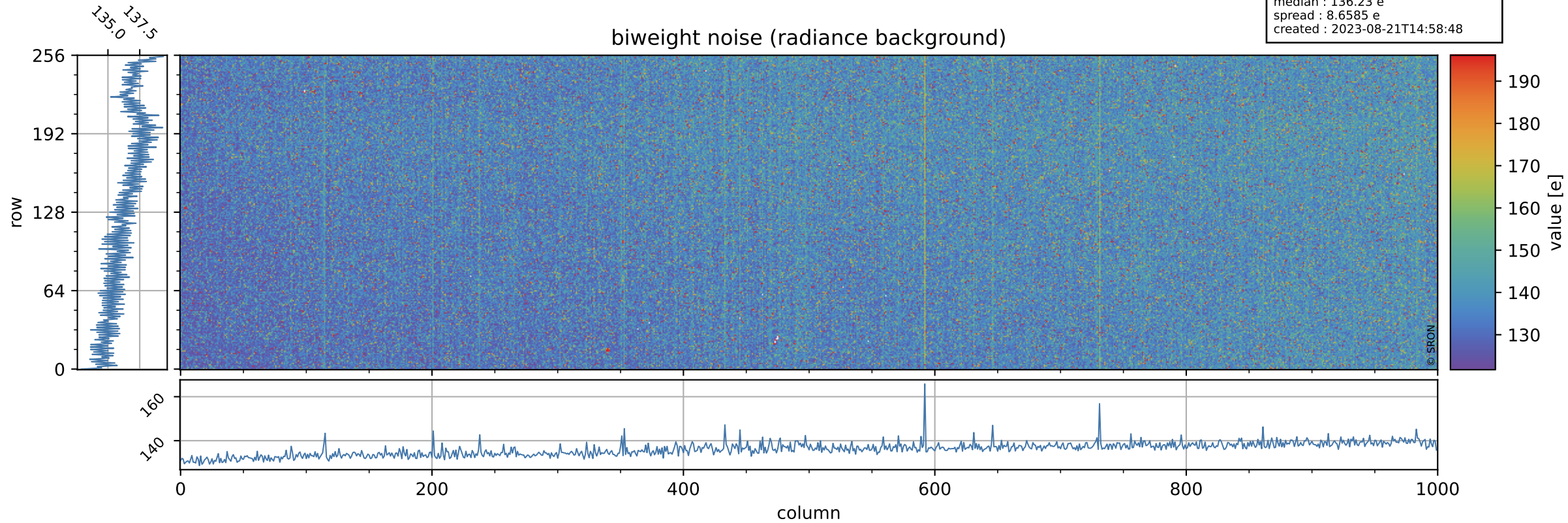




# Tropomi SWIR background noise (swir)

orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
n\_coad, t\_exp : 2, 0.5383  
median : 136.23 e  
spread : 8.6585 e  
created : 2023-08-21T14:58:48

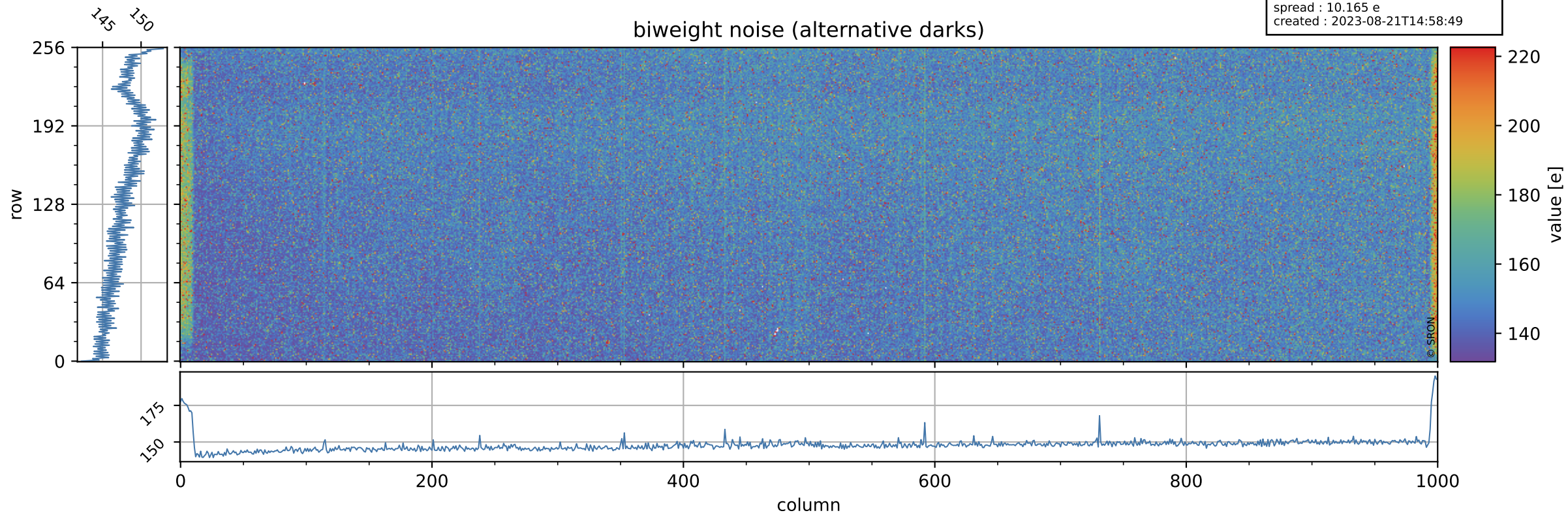
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.165 e  
created : 2023-08-21T14:58:49

## biweight noise (alternative darks)

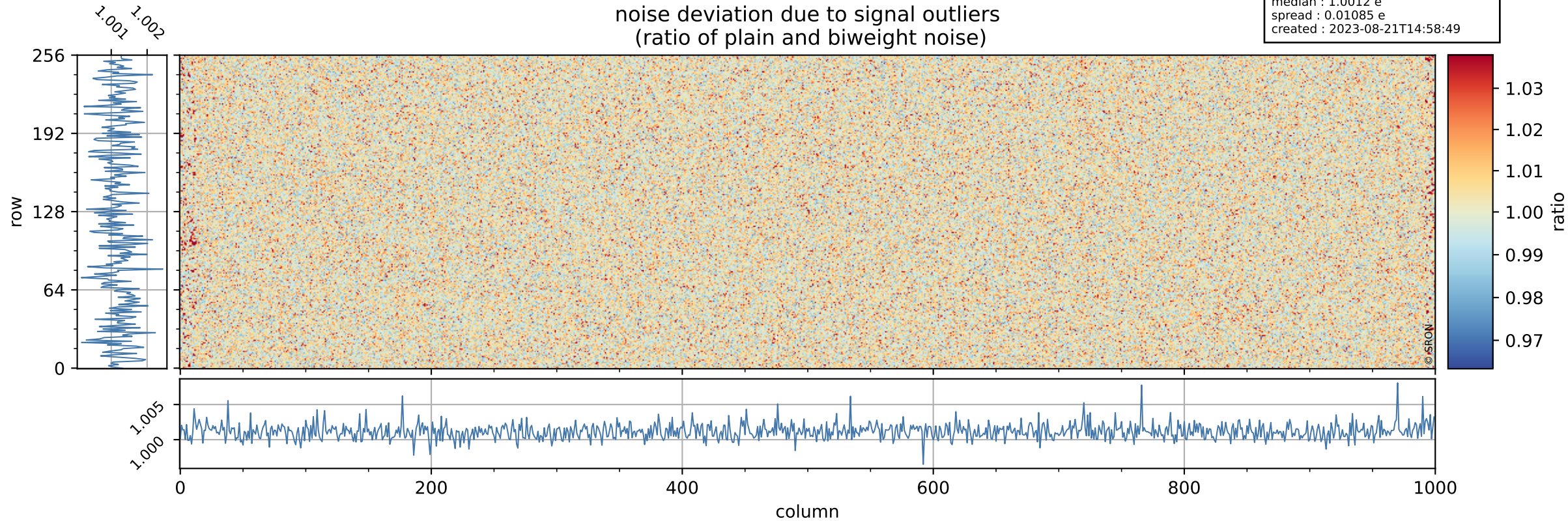




# Tropomi SWIR background noise (swir)

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

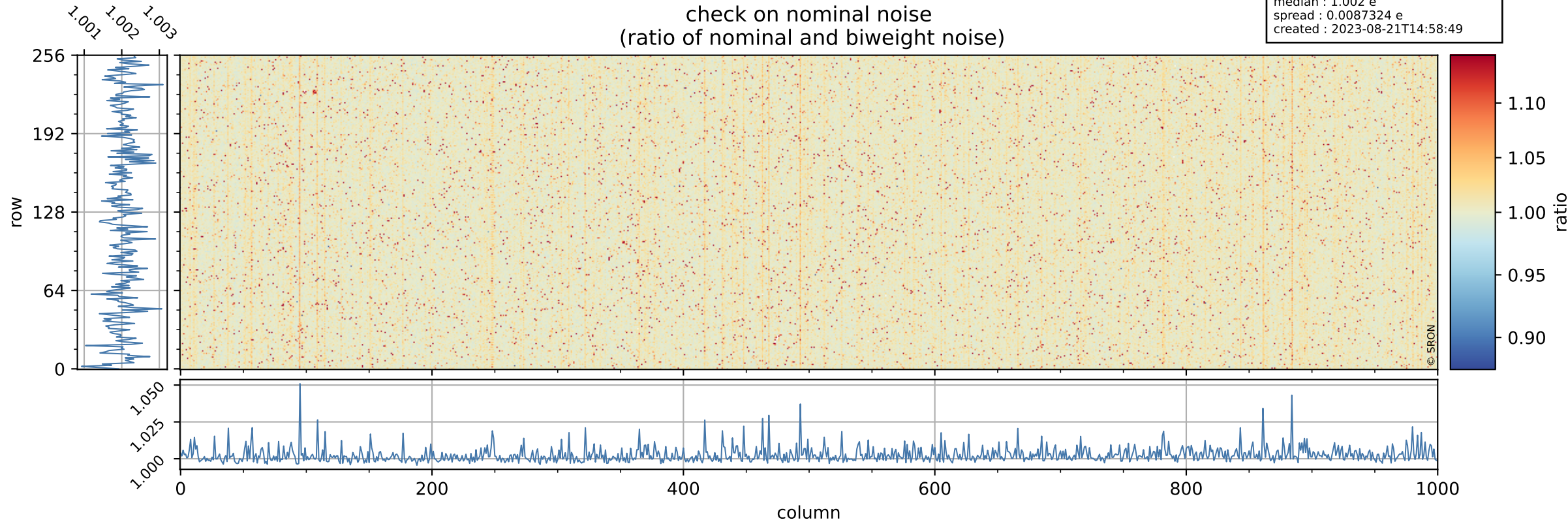
orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
median : 1.0012 e  
spread : 0.01085 e  
created : 2023-08-21T14:58:49



# Tropomi SWIR background noise (swir)

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

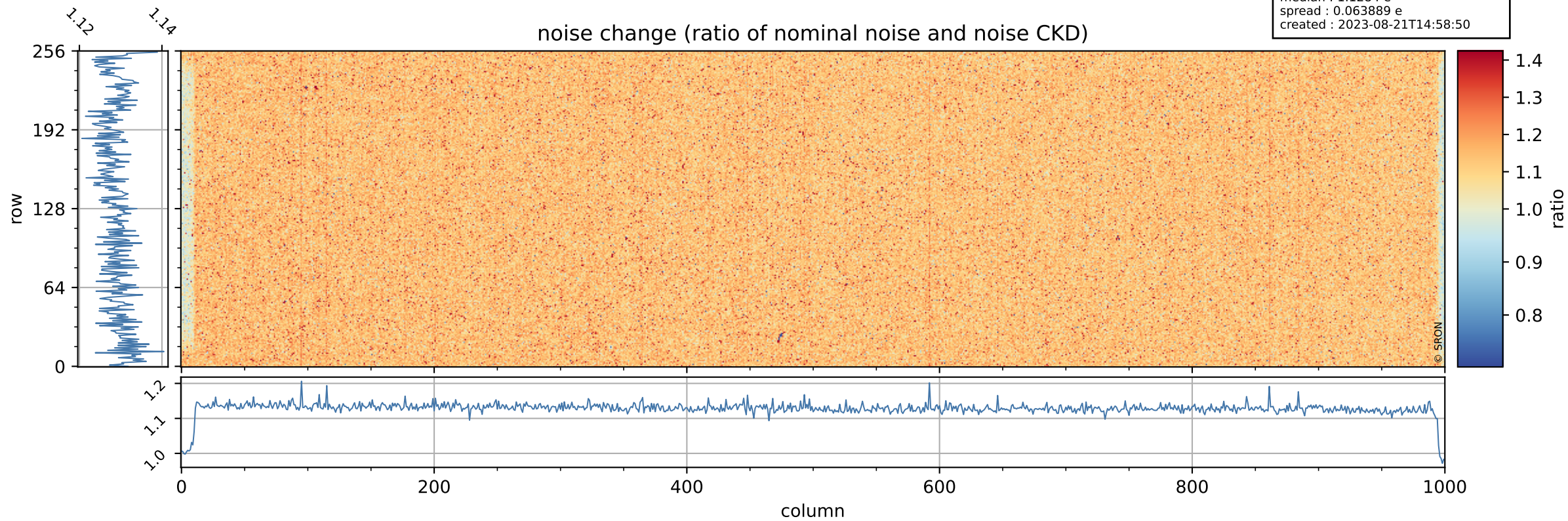
orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
median : 1.002 e  
spread : 0.0087324 e  
created : 2023-08-21T14:58:49





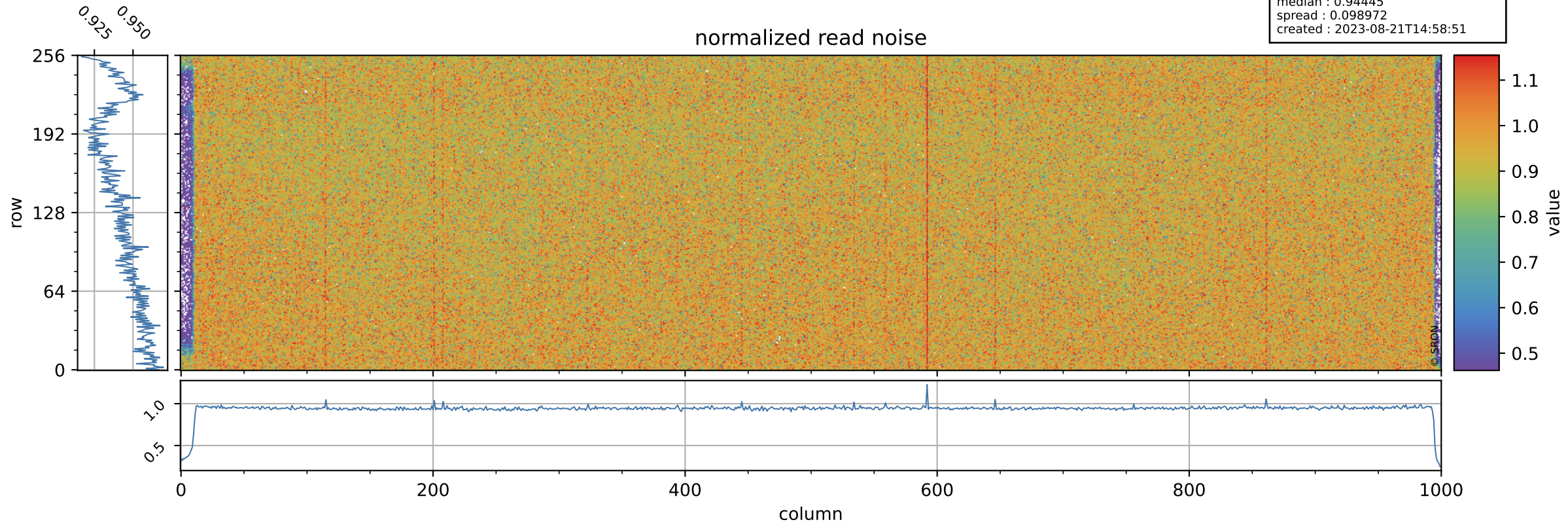
# Tropomi SWIR background noise (swir)

orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
median : 1.1284 e  
spread : 0.063889 e  
created : 2023-08-21T14:58:50



# Tropomi SWIR background noise (swir)

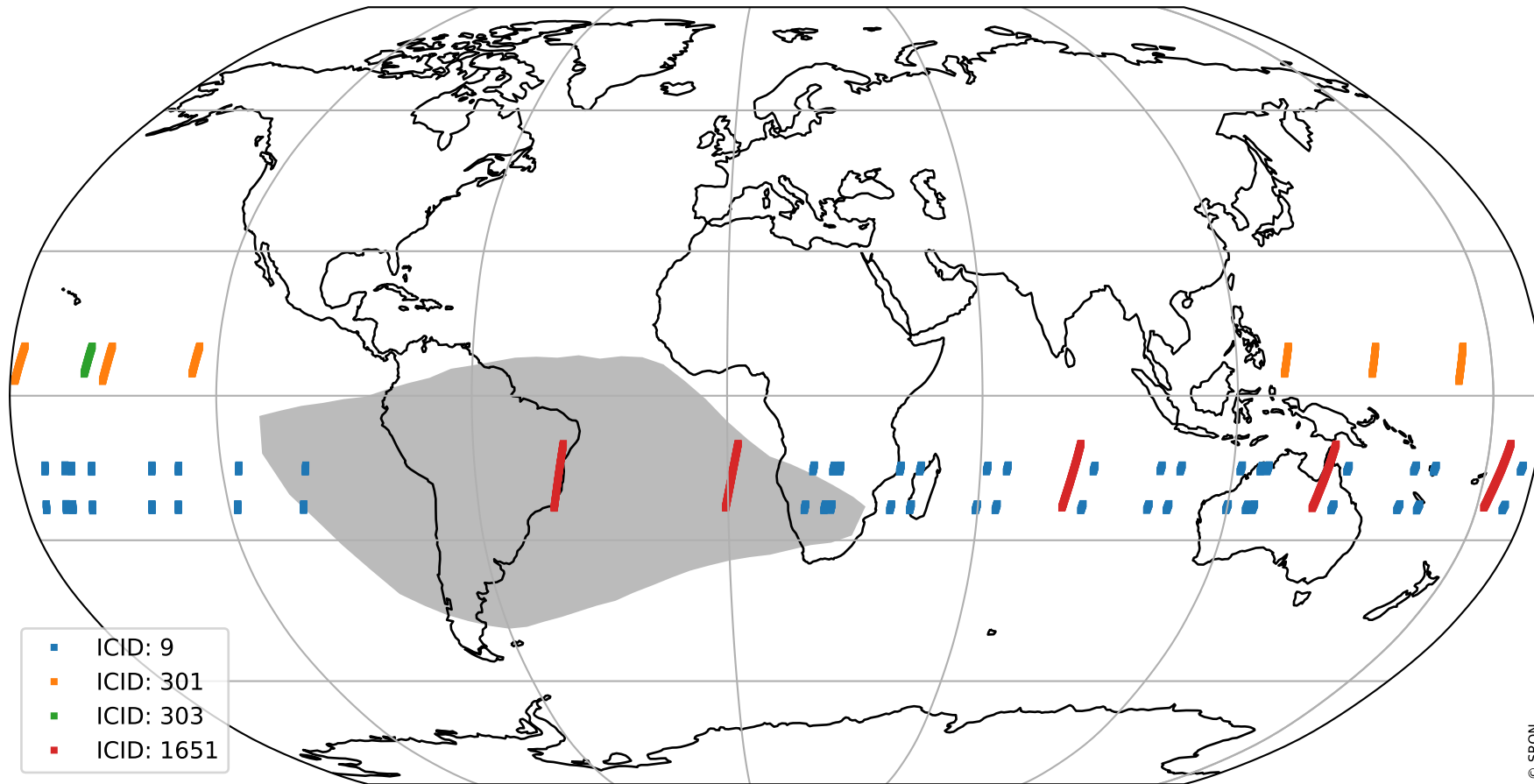
orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
median : 0.94445  
spread : 0.098972  
created : 2023-08-21T14:58:51





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

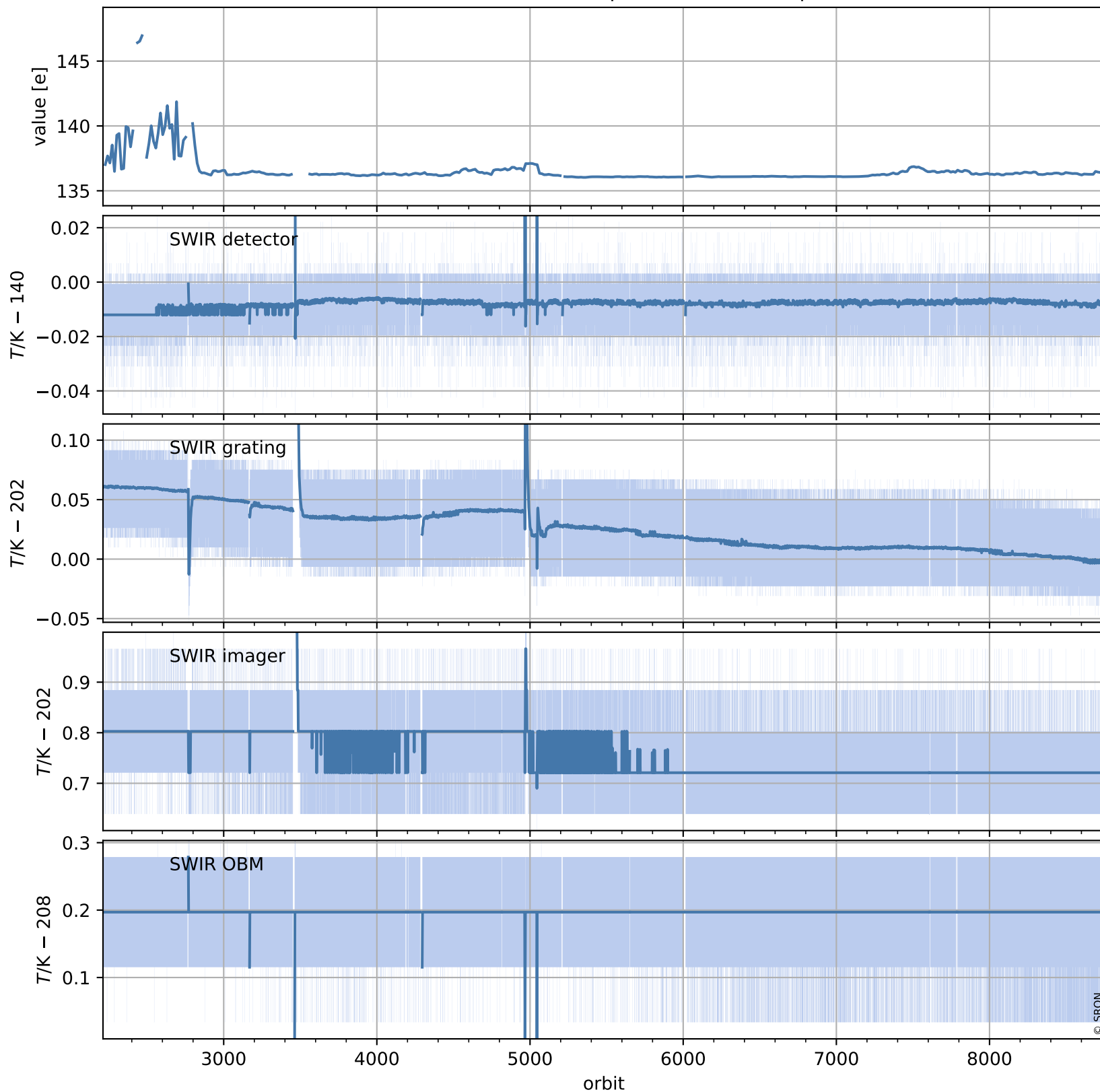
orbits : 12 in [8677, 8752]  
coverage : 2019-06-16 / 2019-06-21  
created : 2023-08-21T14:58:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 8752]  
coverage : 2018-03-18 / 2019-06-21  
created : 2023-08-21T14:58:51

## trend of detector median of plain noise & temperatures

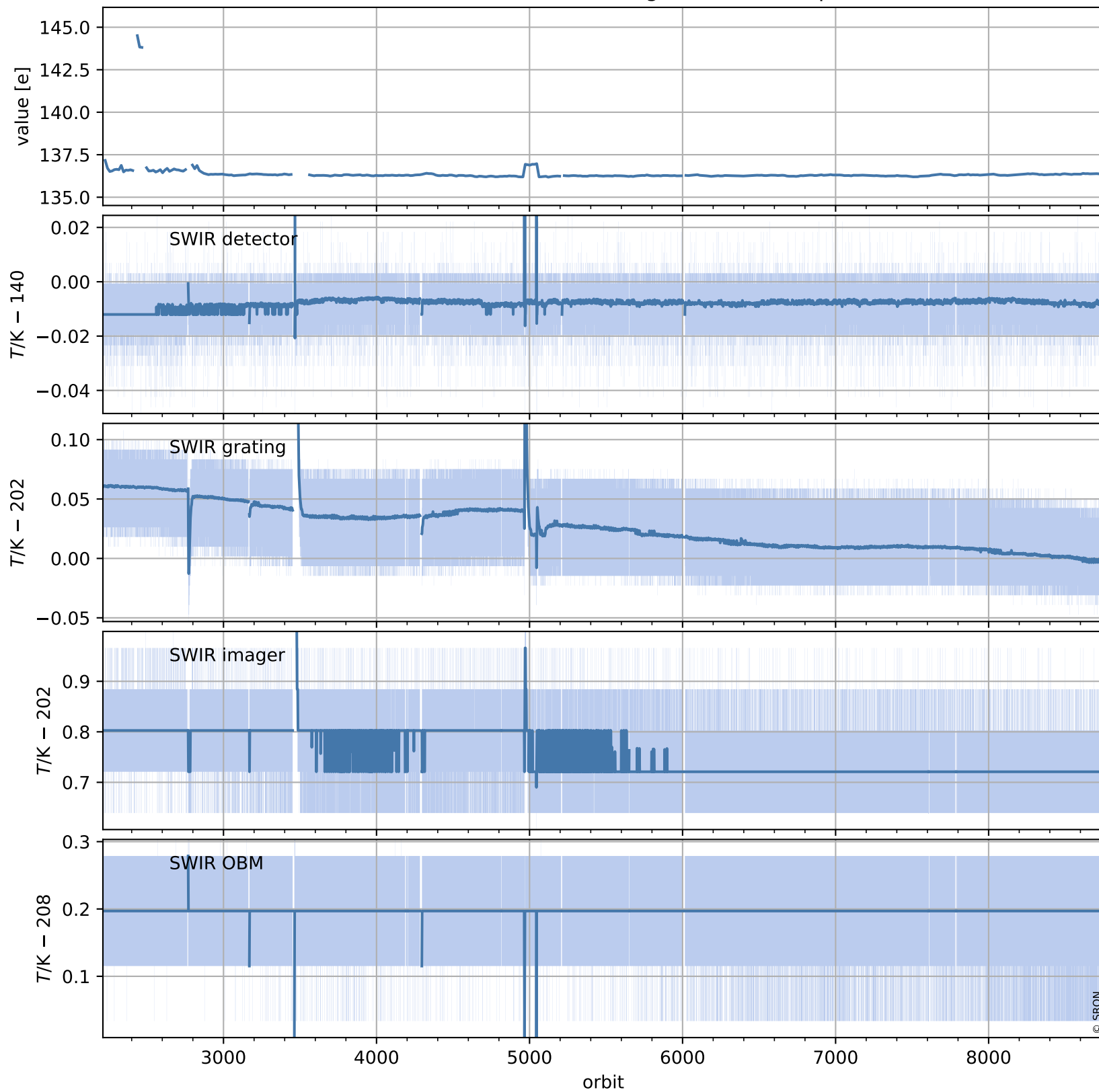




# Tropomi SWIR background noise (swir)

orbits : [2212, 8752]  
coverage : 2018-03-18 / 2019-06-21  
created : 2023-08-21T14:58:52

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8752]  
coverage : 2018-03-18 / 2019-06-21  
created : 2023-08-21T14:58:53

## trend of normalized read-noise & temperatures

