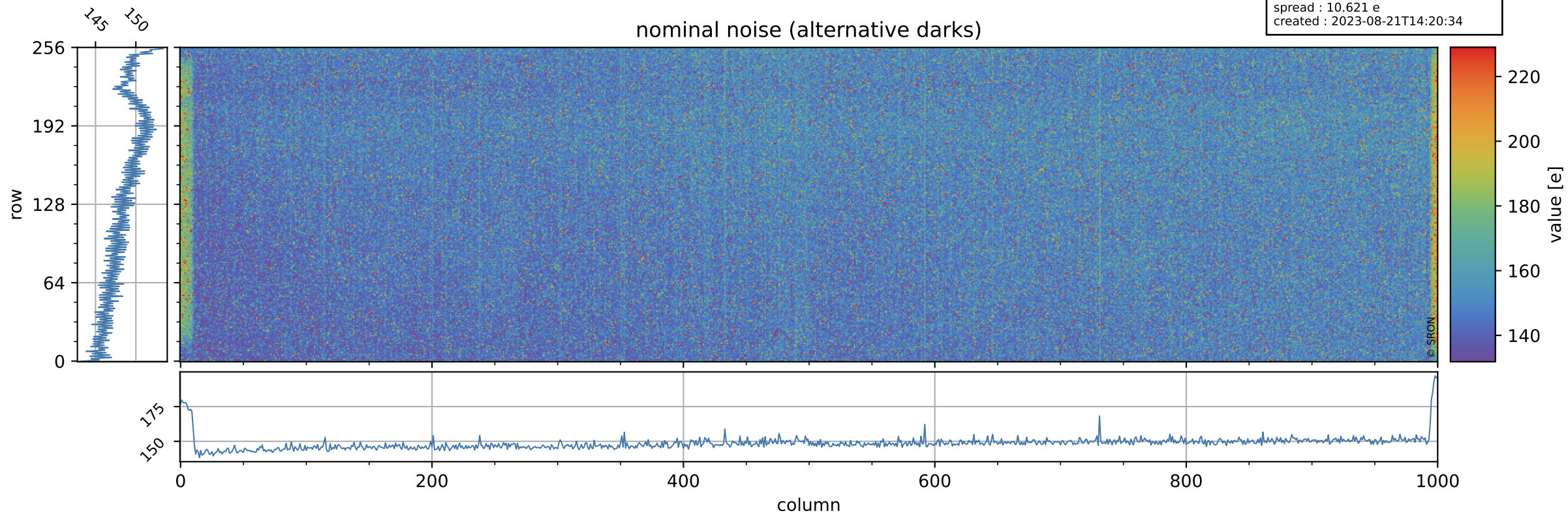


# Tropomi SWIR background noise (swir)

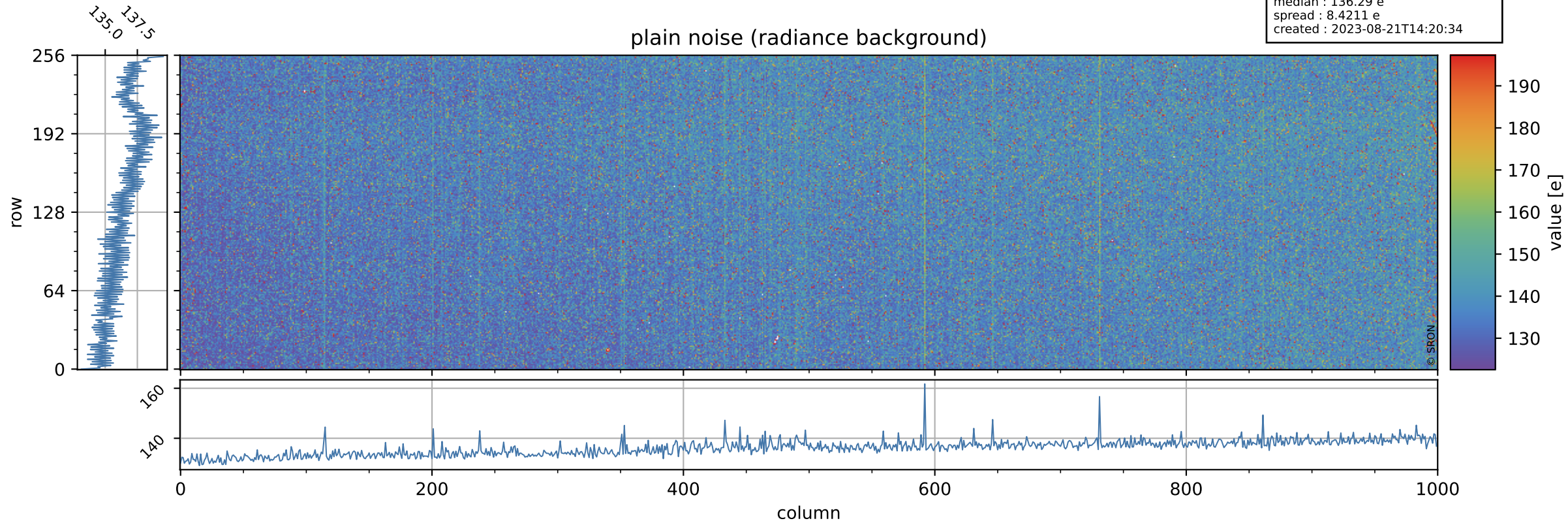
orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.4 e  
spread : 10.621 e  
created : 2023-08-21T14:20:34



# Tropomi SWIR background noise (swir)

orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.29 e  
spread : 8.4211 e  
created : 2023-08-21T14:20:34

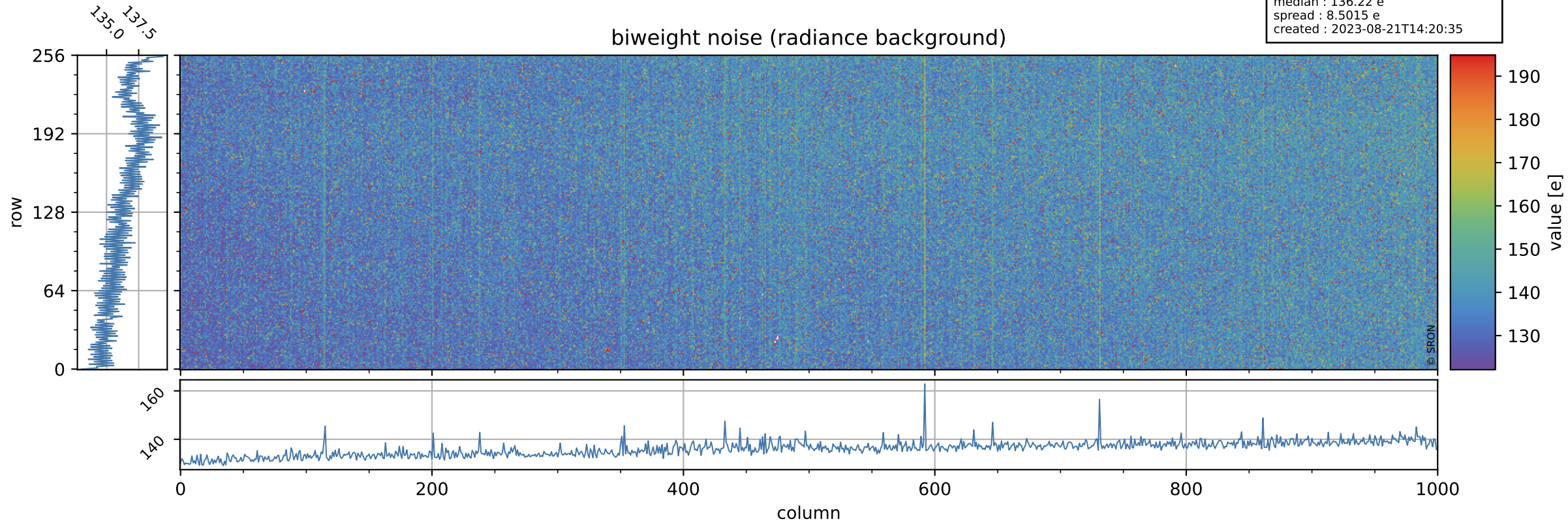
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.22 e  
spread : 8.5015 e  
created : 2023-08-21T14:20:35

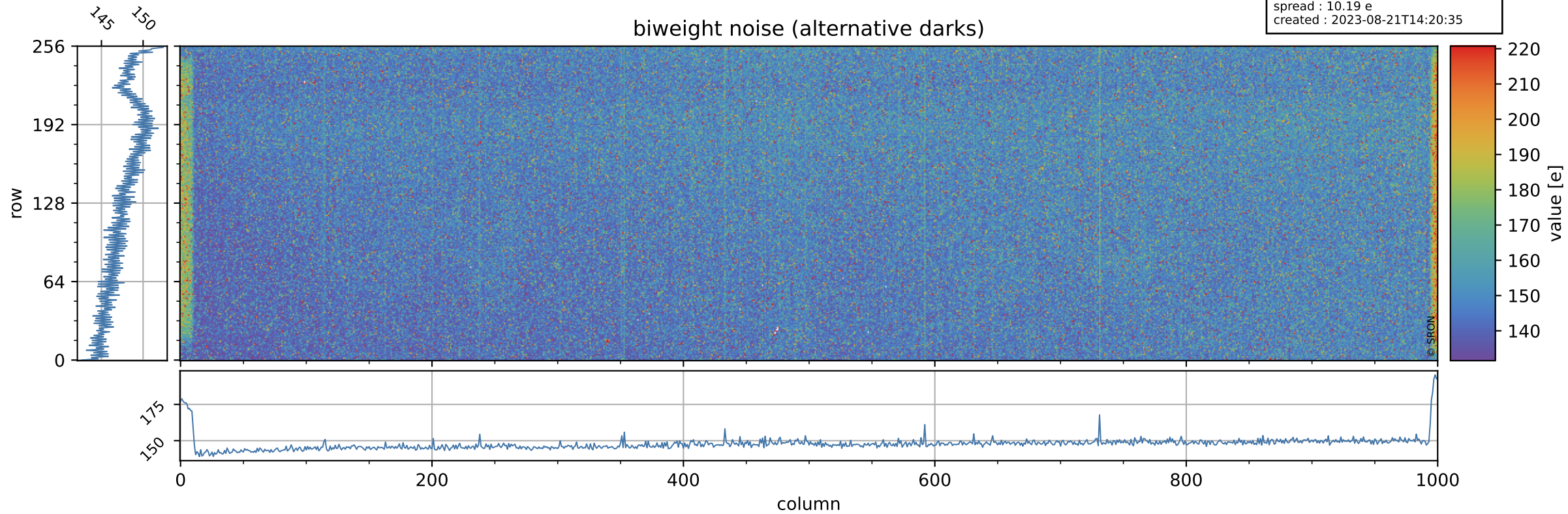
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 10.19 e  
created : 2023-08-21T14:20:35

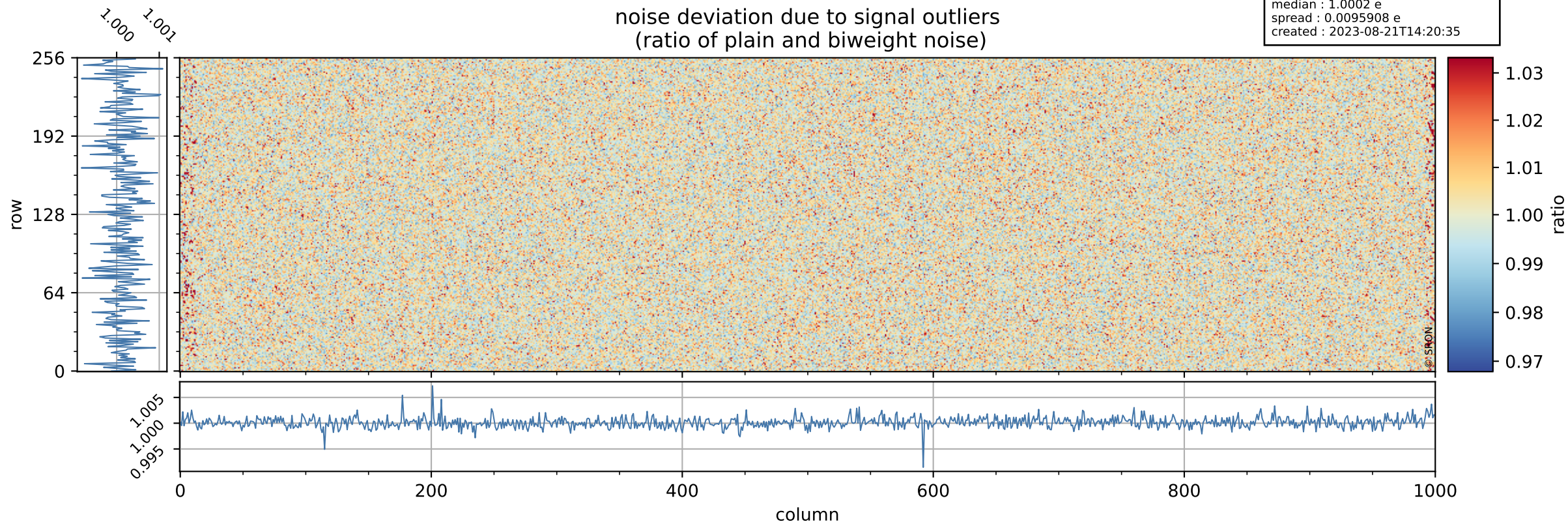
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

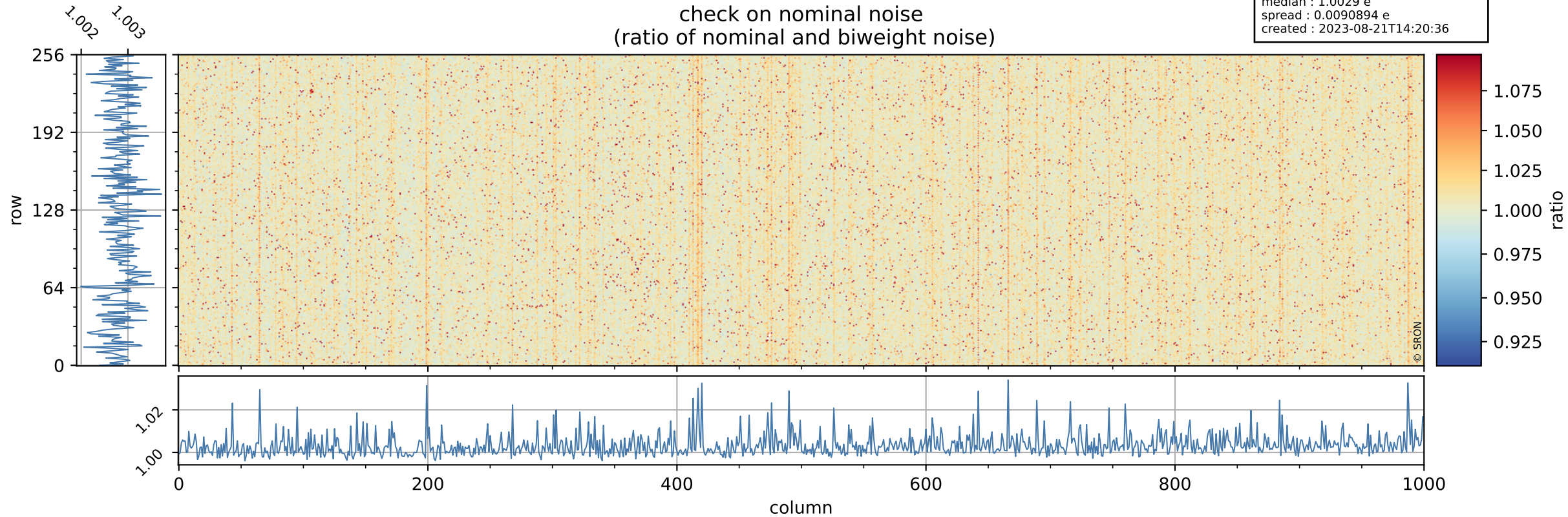
orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
median : 1.0002 e  
spread : 0.0095908 e  
created : 2023-08-21T14:20:35



# Tropomi SWIR background noise (swir)

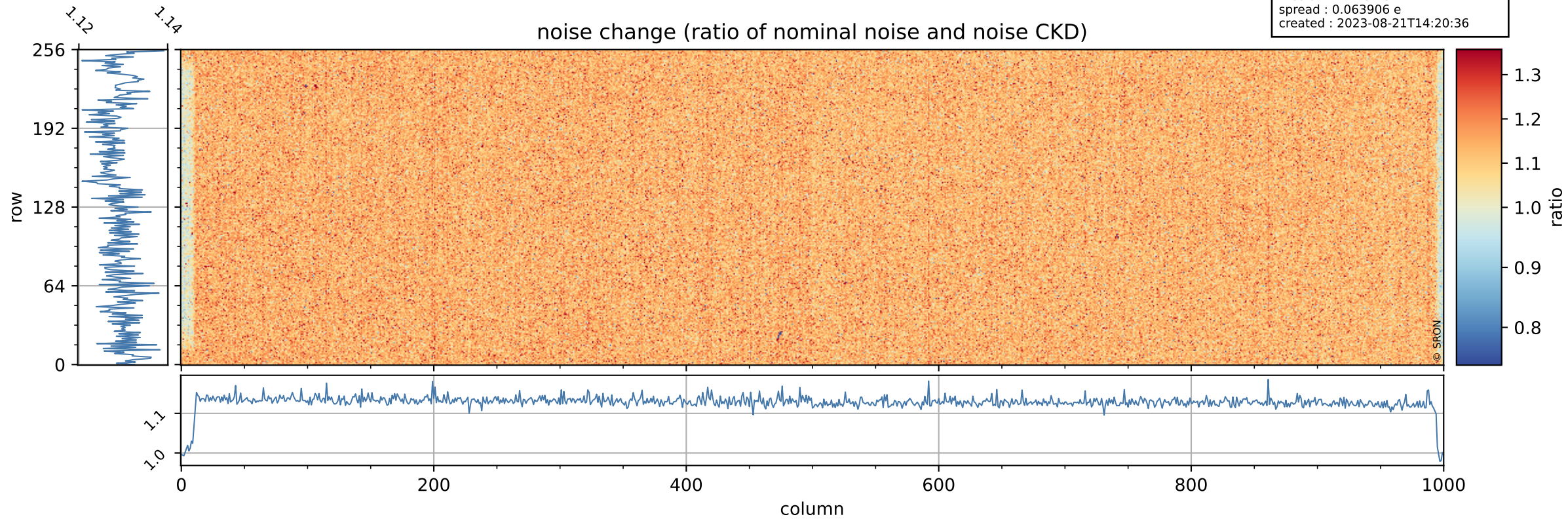
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
median : 1.0029 e  
spread : 0.0090894 e  
created : 2023-08-21T14:20:36



# Tropomi SWIR background noise (swir)

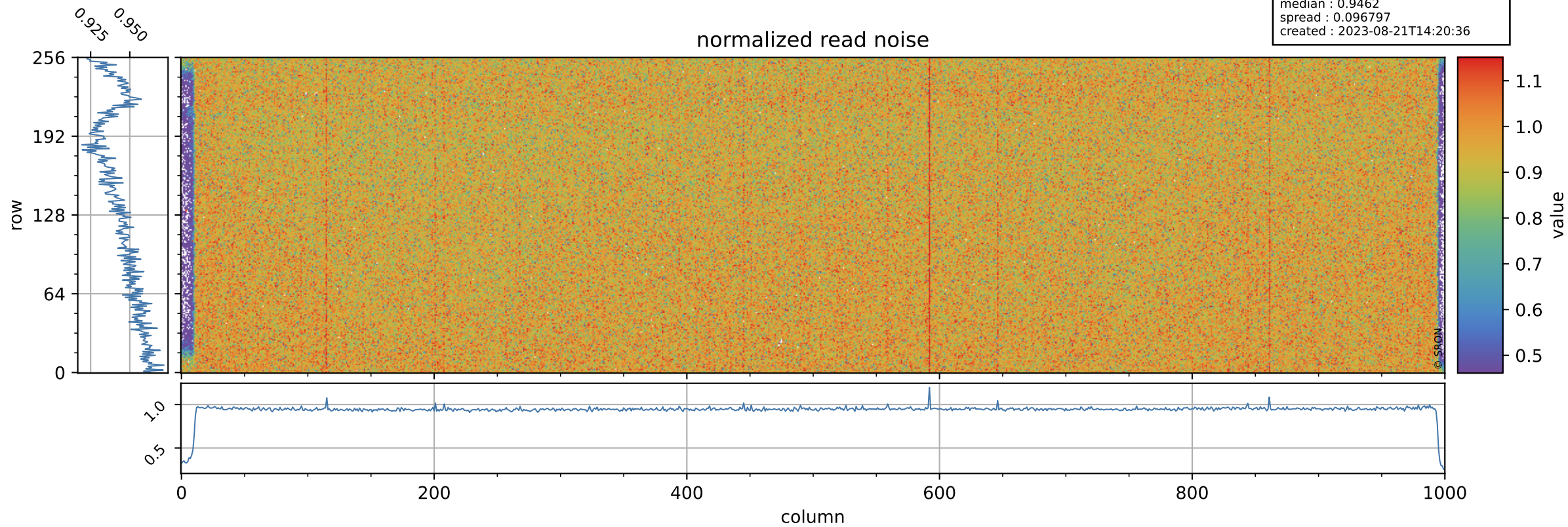
orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
median : 1.1287 e  
spread : 0.063906 e  
created : 2023-08-21T14:20:36



# Tropomi SWIR background noise (swir)

orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
median : 0.9462  
spread : 0.096797  
created : 2023-08-21T14:20:36

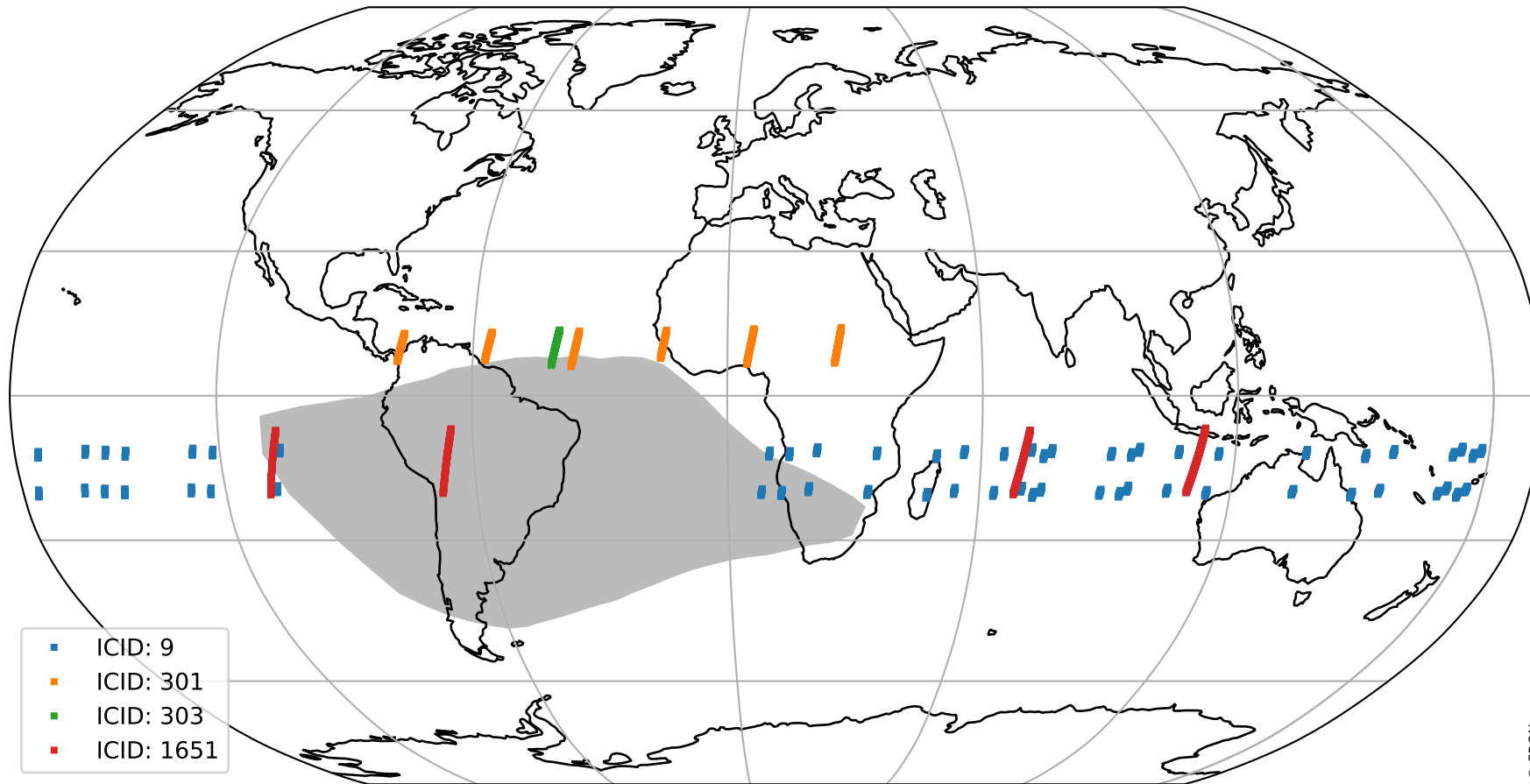
## normalized read noise





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

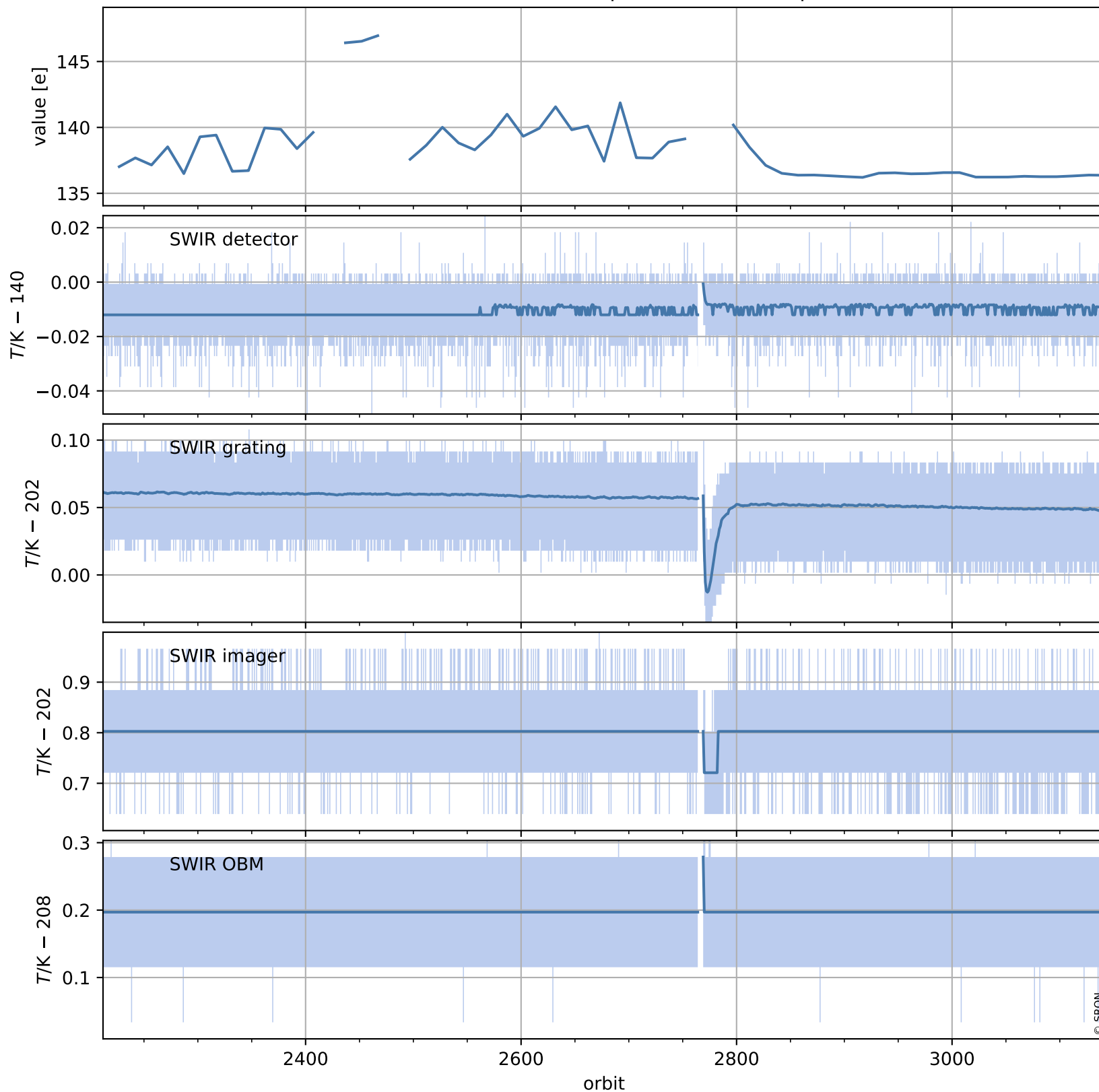
orbits : 11 in [3052, 3142]  
coverage : 2018-05-16 / 2018-05-22  
created : 2023-08-21T14:20:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 3142]  
coverage : 2018-03-18 / 2018-05-22  
created : 2023-08-21T14:20:37

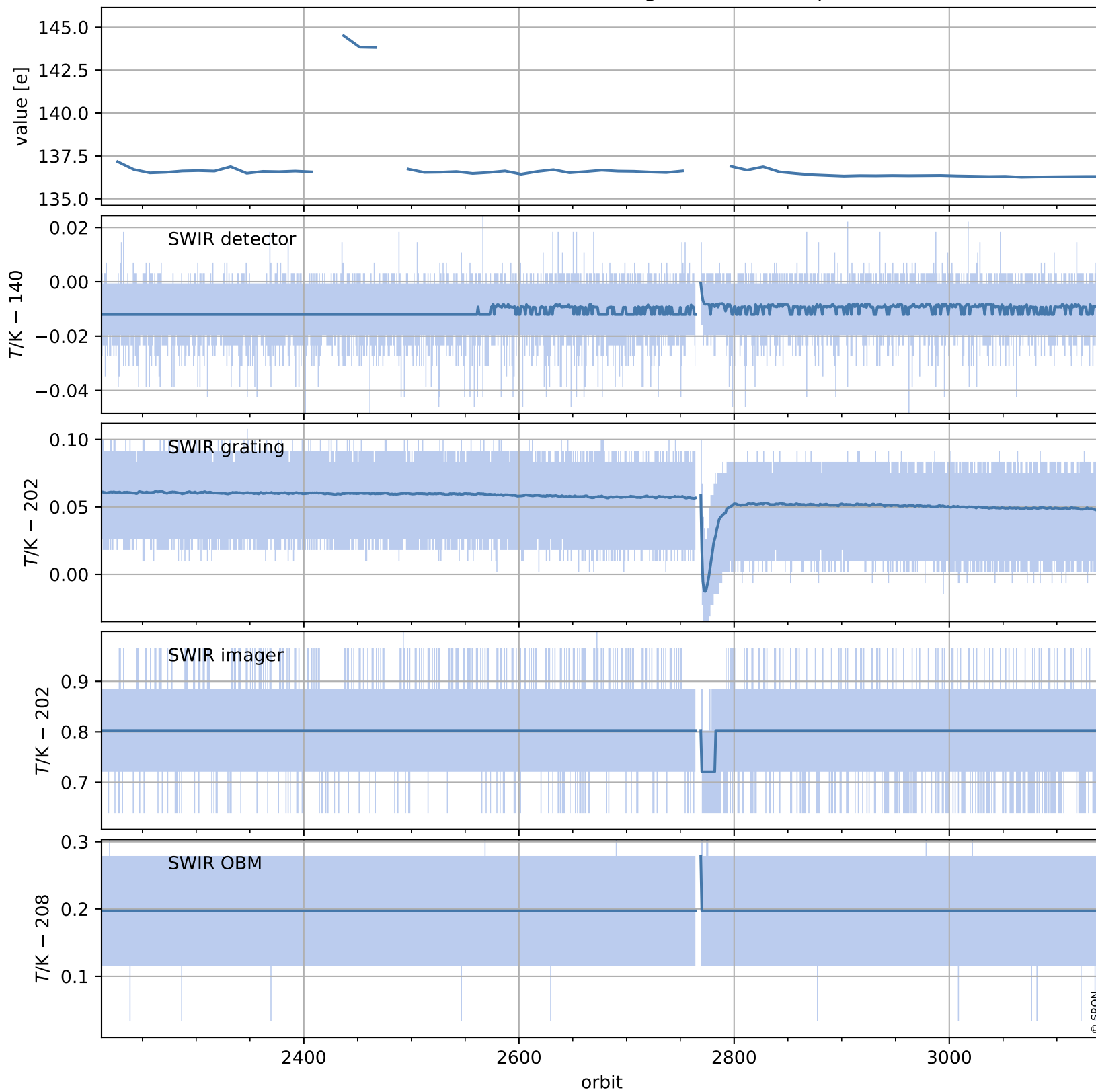
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3142]  
coverage : 2018-03-18 / 2018-05-22  
created : 2023-08-21T14:20:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3142]  
coverage : 2018-03-18 / 2018-05-22  
created : 2023-08-21T14:20:37

## trend of normalized read-noise & temperatures

