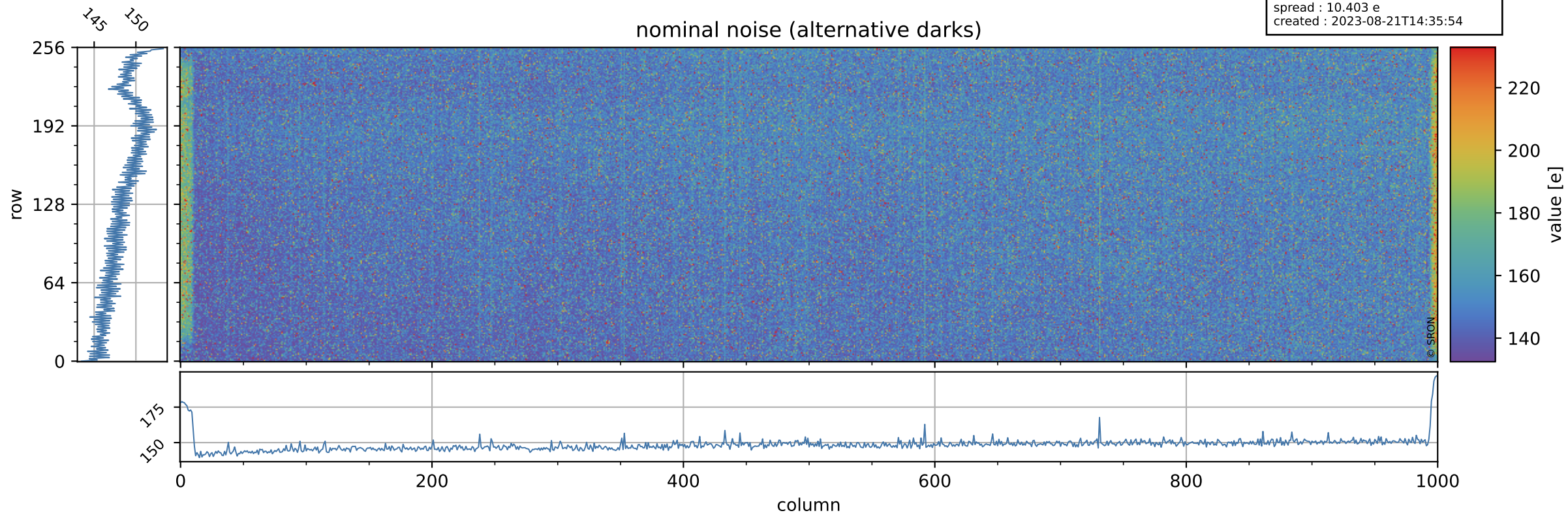


# Tropomi SWIR background noise (swir)

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 10.403 e  
created : 2023-08-21T14:35:54

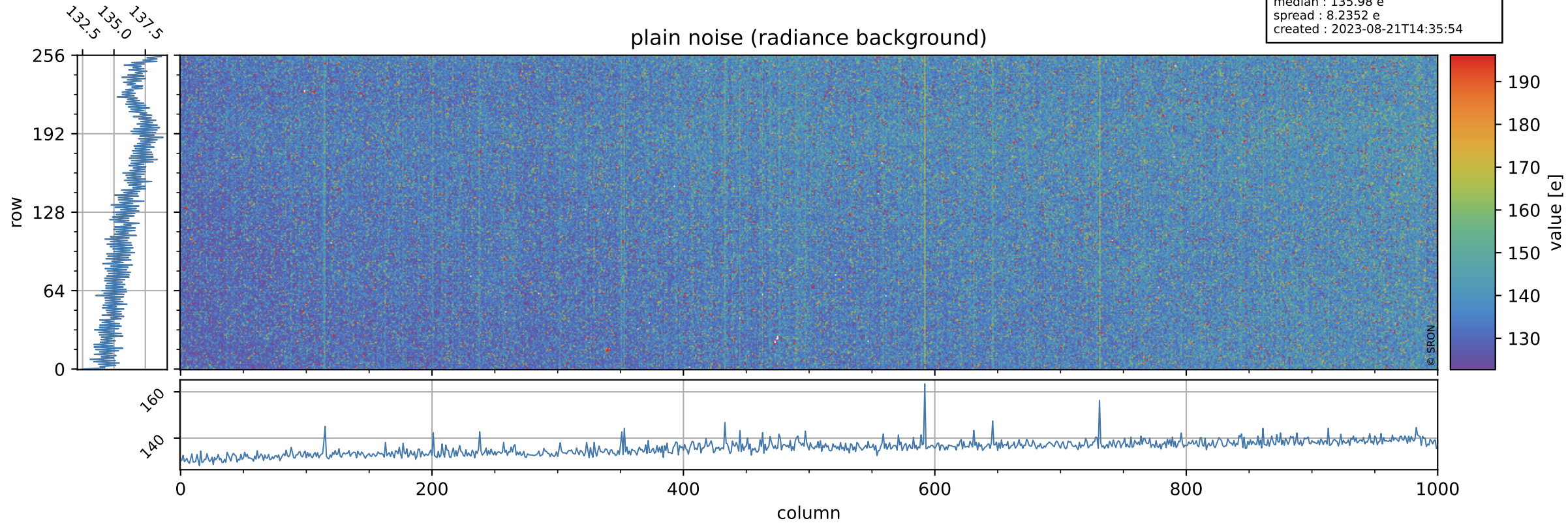
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
n\_coad, t\_exp : 2, 0.5383  
median : 135.98 e  
spread : 8.2352 e  
created : 2023-08-21T14:35:54

## plain noise (radiance background)

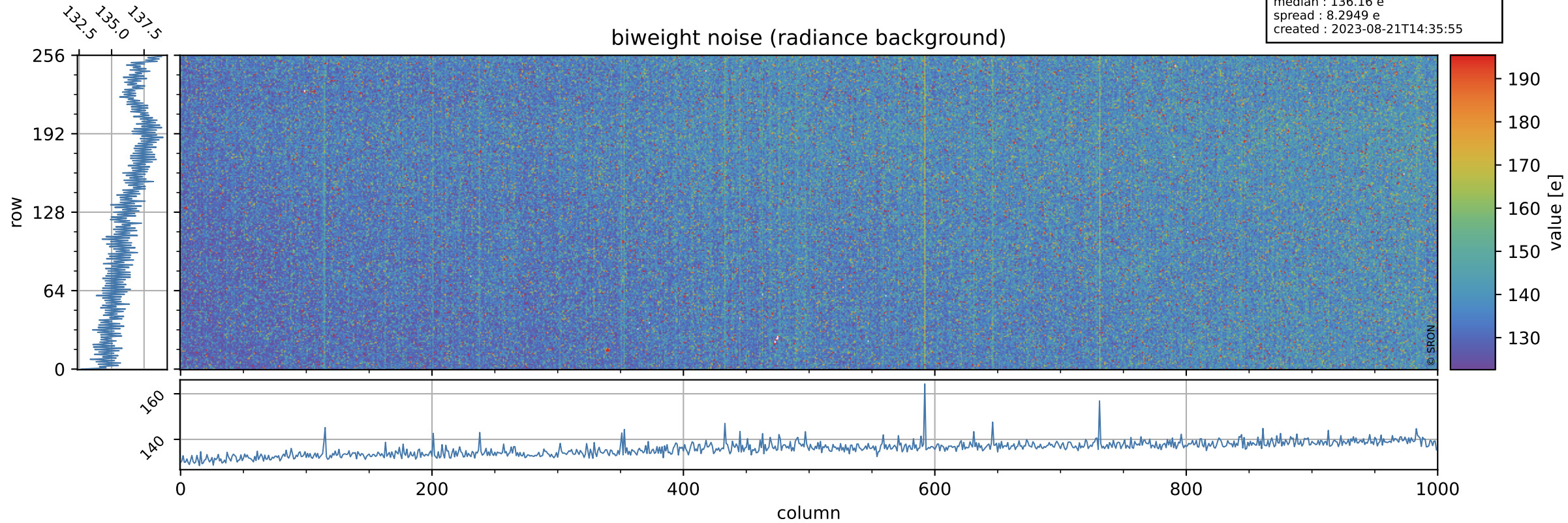




# Tropomi SWIR background noise (swir)

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.16 e  
spread : 8.2949 e  
created : 2023-08-21T14:35:55

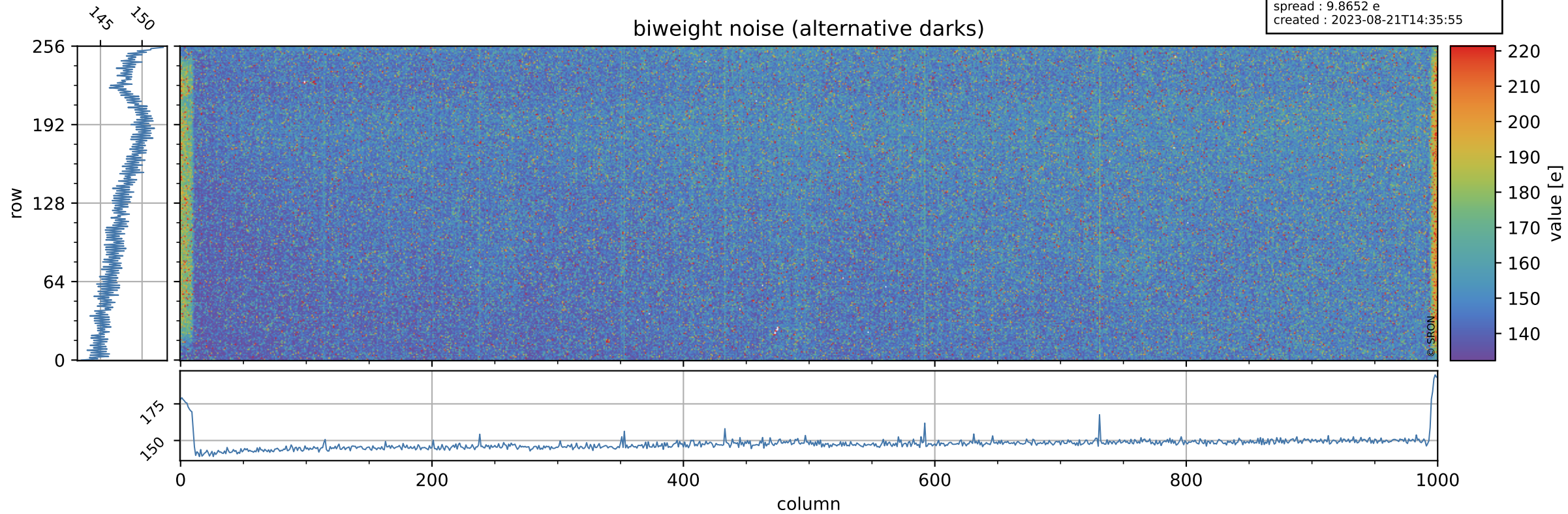
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 9.8652 e  
created : 2023-08-21T14:35:55

## biweight noise (alternative darks)

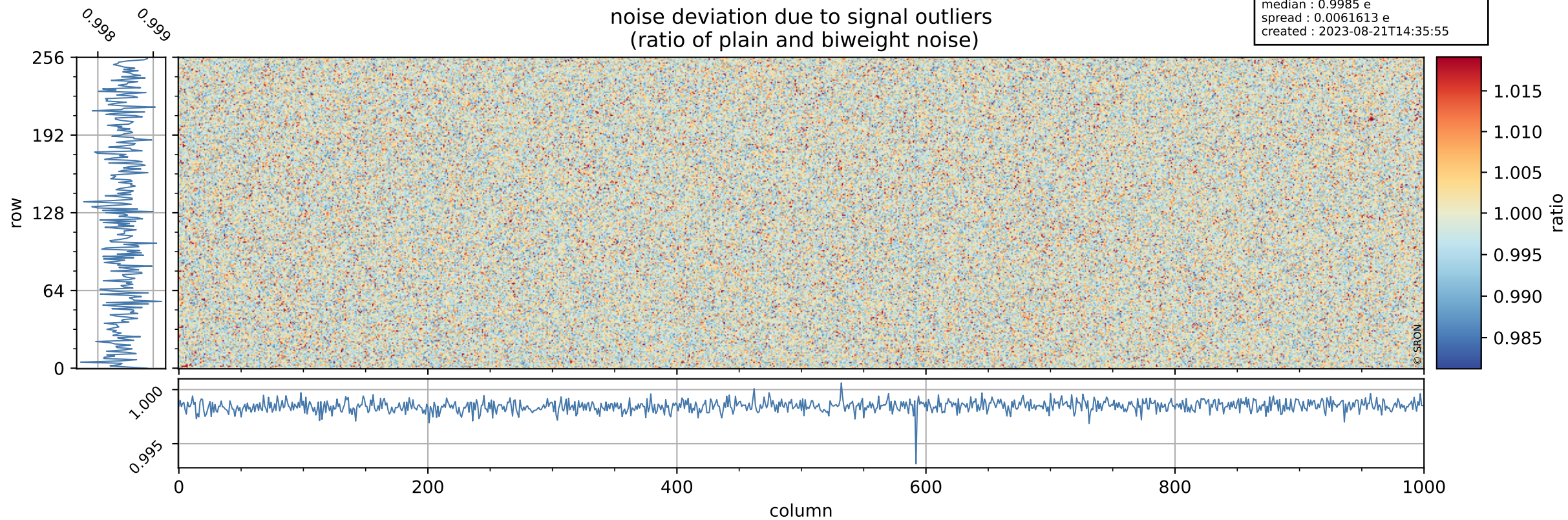




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
median : 0.9985 e  
spread : 0.0061613 e  
created : 2023-08-21T14:35:55

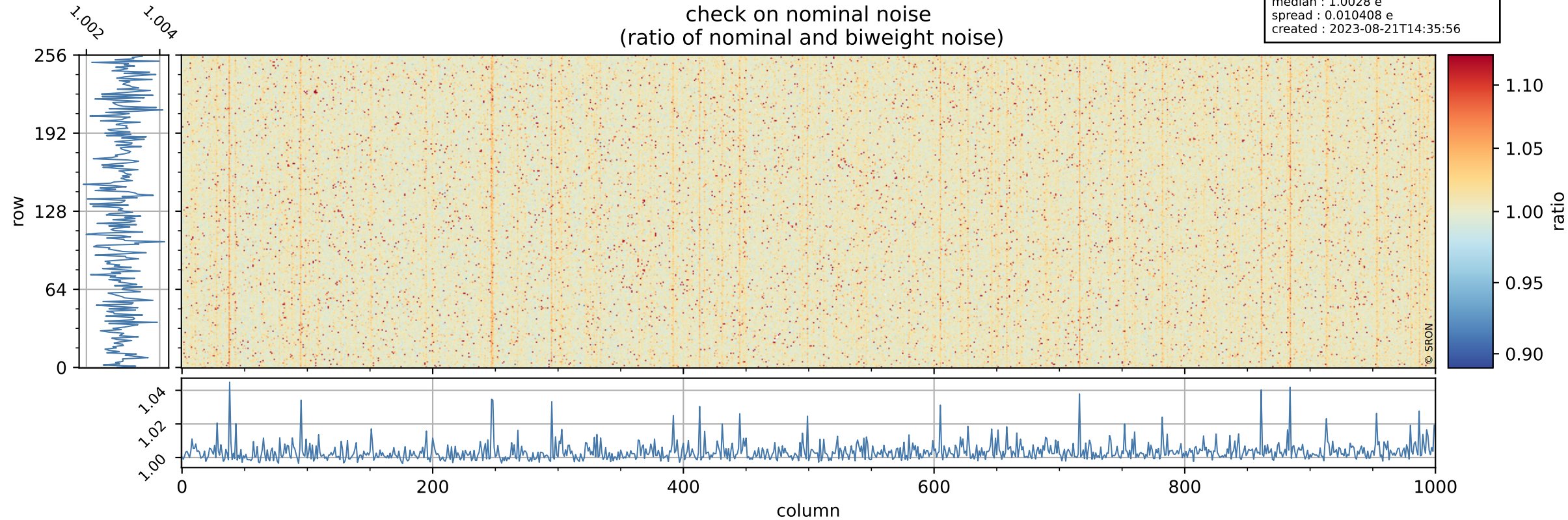




# Tropomi SWIR background noise (swir)

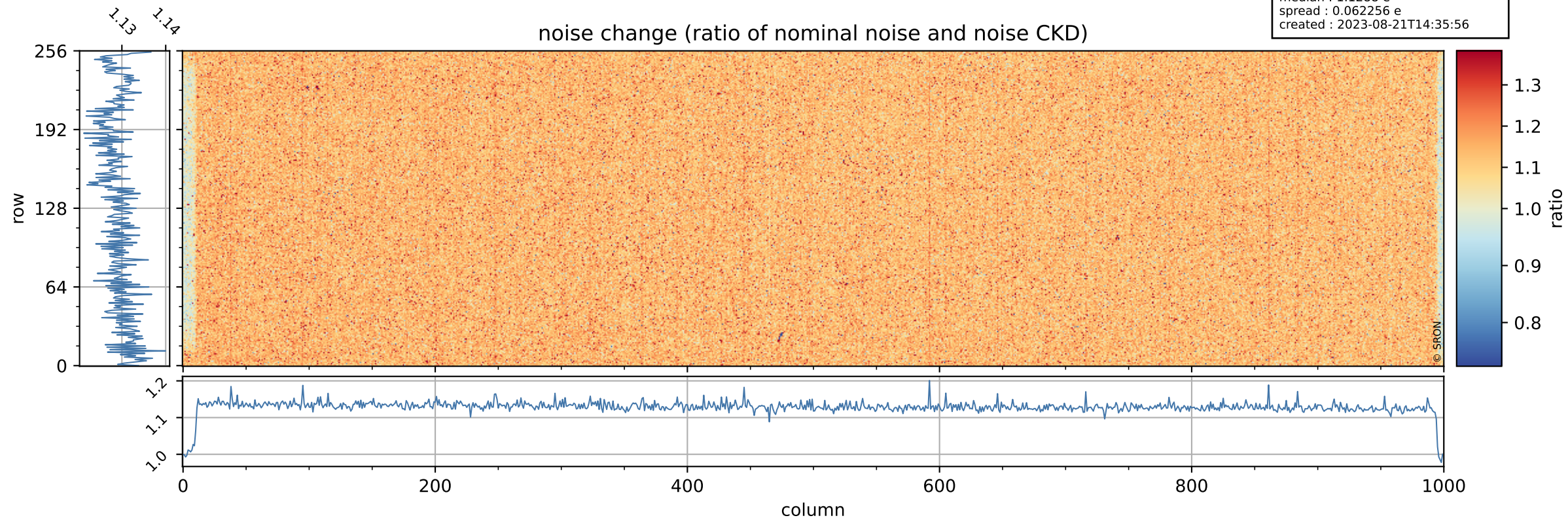
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
median : 1.0028 e  
spread : 0.010408 e  
created : 2023-08-21T14:35:56



# Tropomi SWIR background noise (swir)

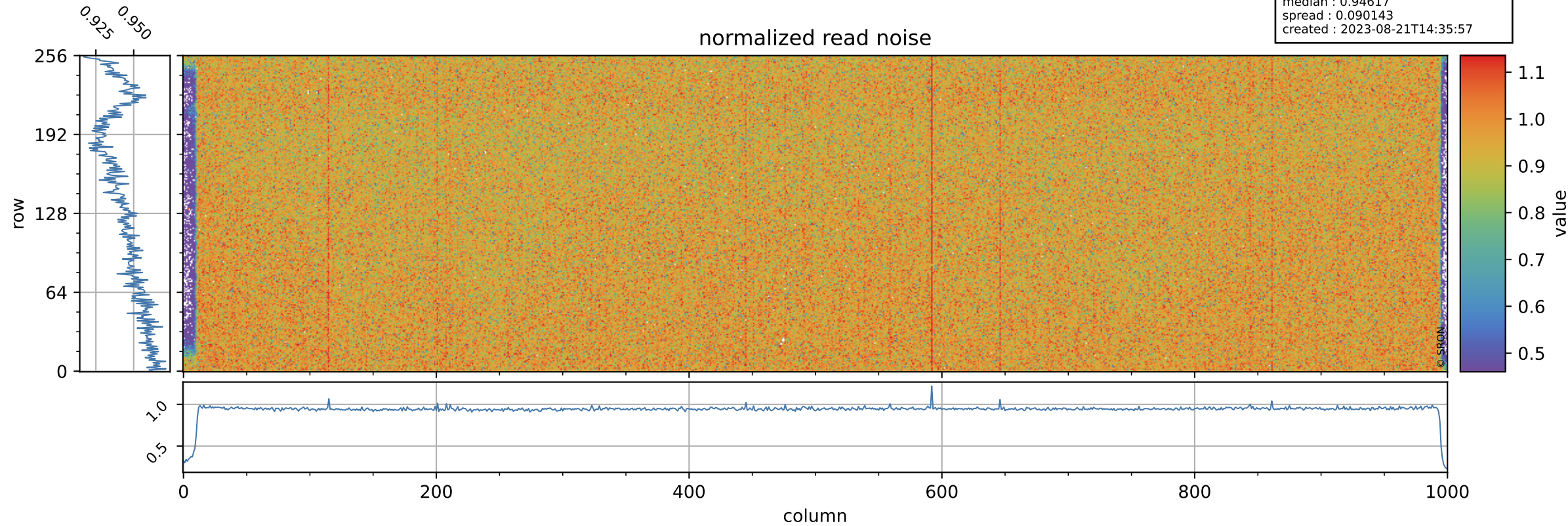
orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
median : 1.1288 e  
spread : 0.062256 e  
created : 2023-08-21T14:35:56





# Tropomi SWIR background noise (swir)

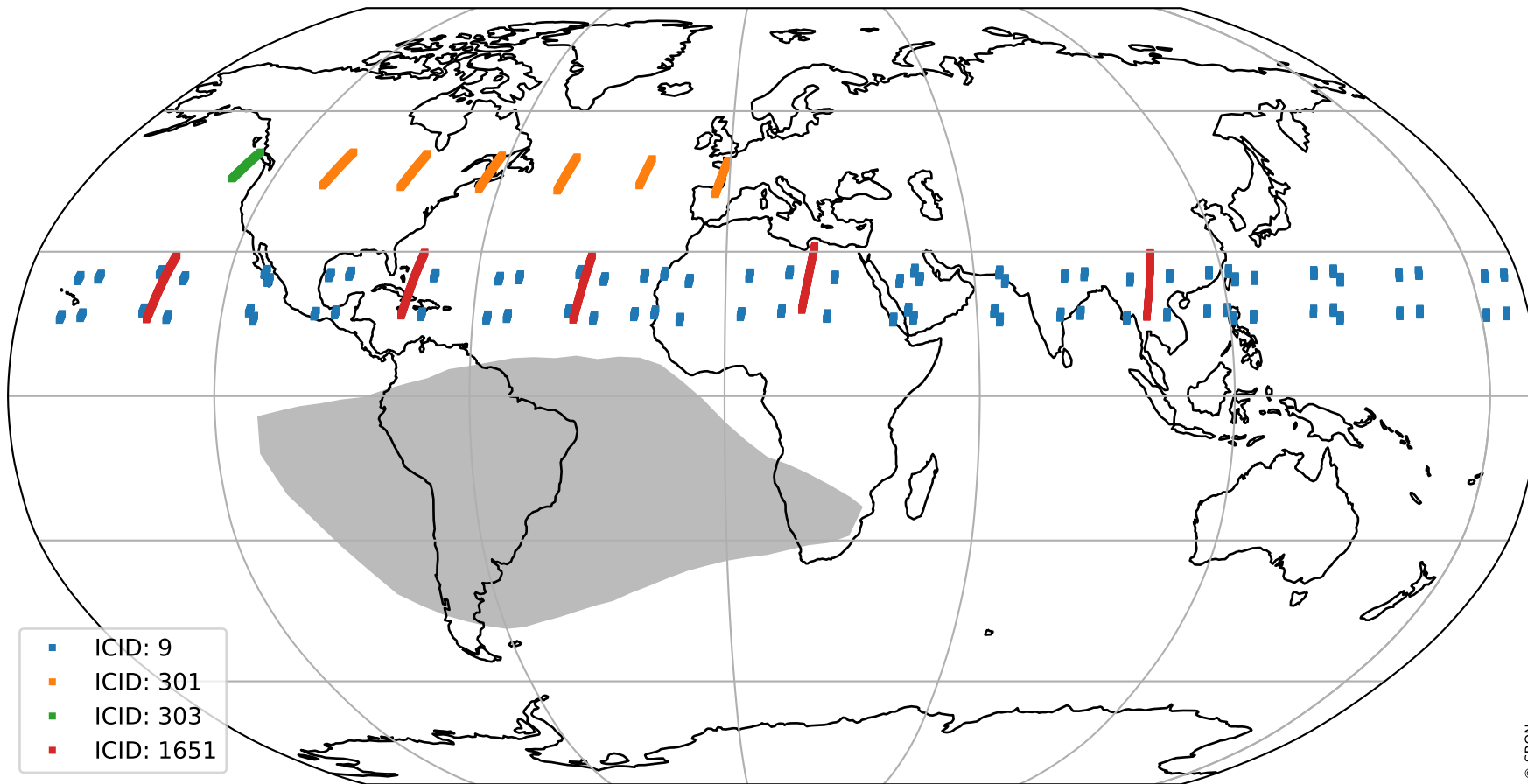
orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
median : 0.94617  
spread : 0.090143  
created : 2023-08-21T14:35:57





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

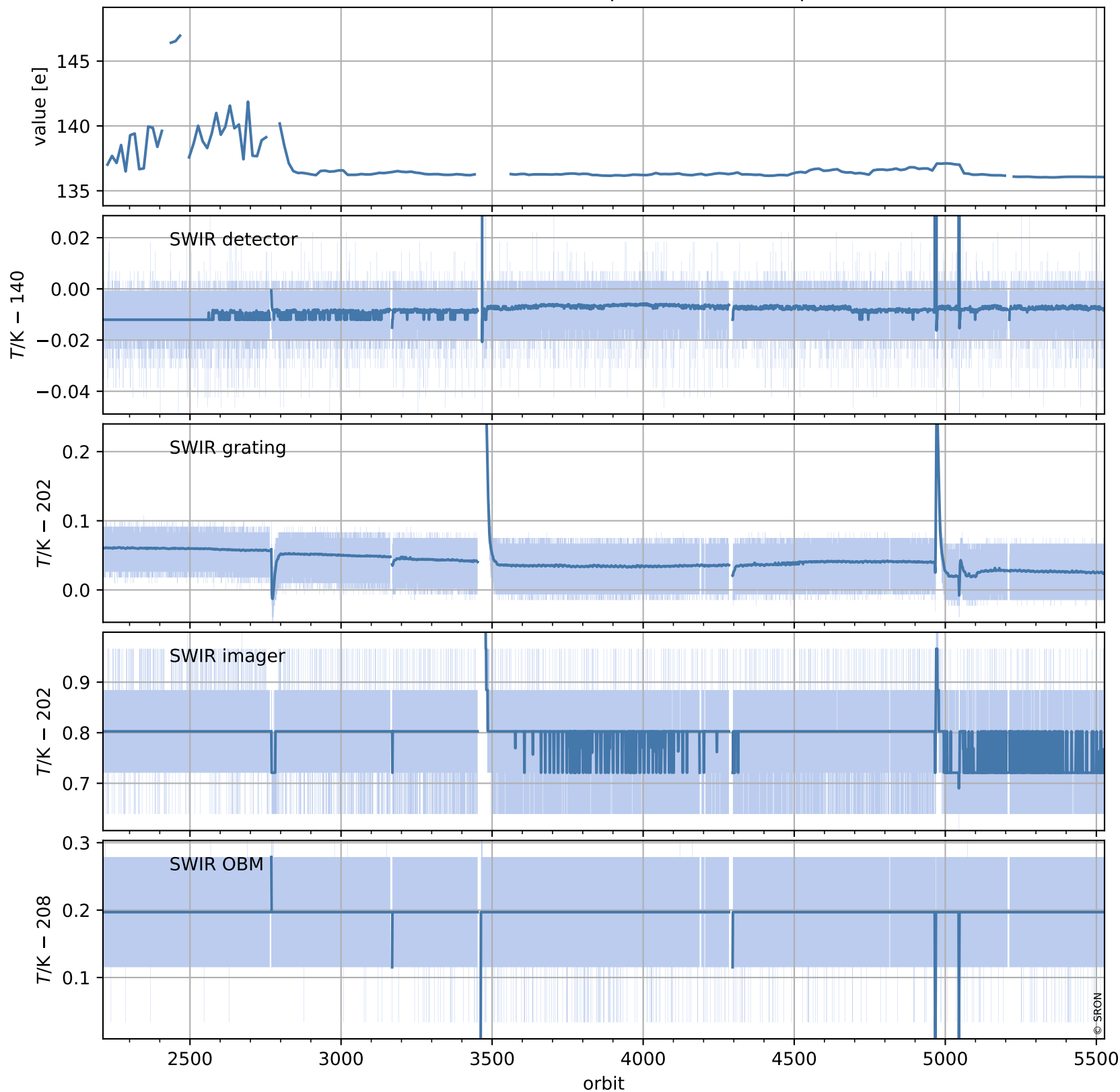
orbits : 12 in [5437, 5527]  
coverage : 2018-11-01 / 2018-11-07  
created : 2023-08-21T14:35:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 5527]  
coverage : 2018-03-18 / 2018-11-07  
created : 2023-08-21T14:35:58

## trend of detector median of plain noise & temperatures

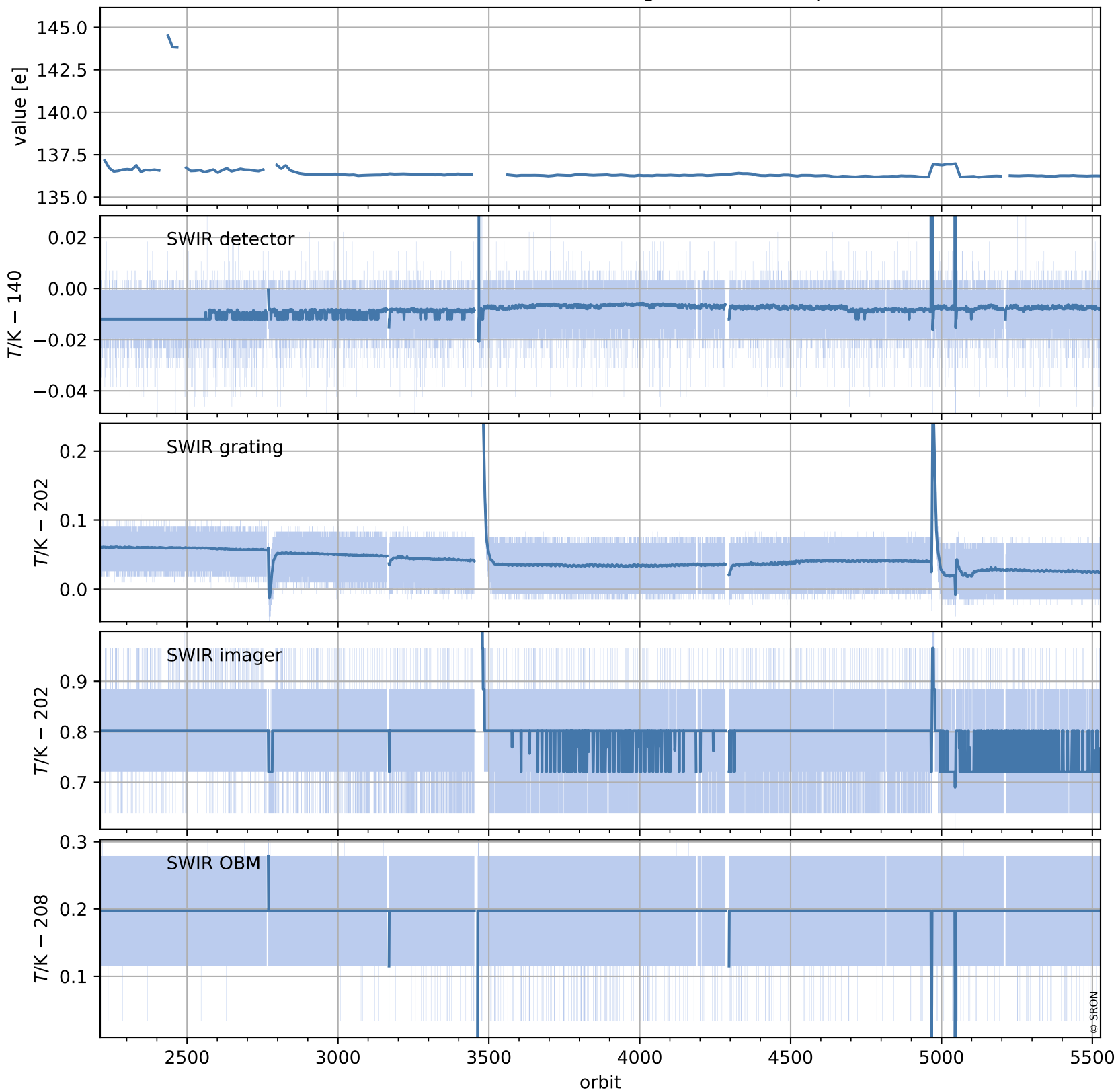




# Tropomi SWIR background noise (swir)

orbits : [2212, 5527]  
coverage : 2018-03-18 / 2018-11-07  
created : 2023-08-21T14:35:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5527]  
coverage : 2018-03-18 / 2018-11-07  
created : 2023-08-21T14:35:59

## trend of normalized read-noise & temperatures

