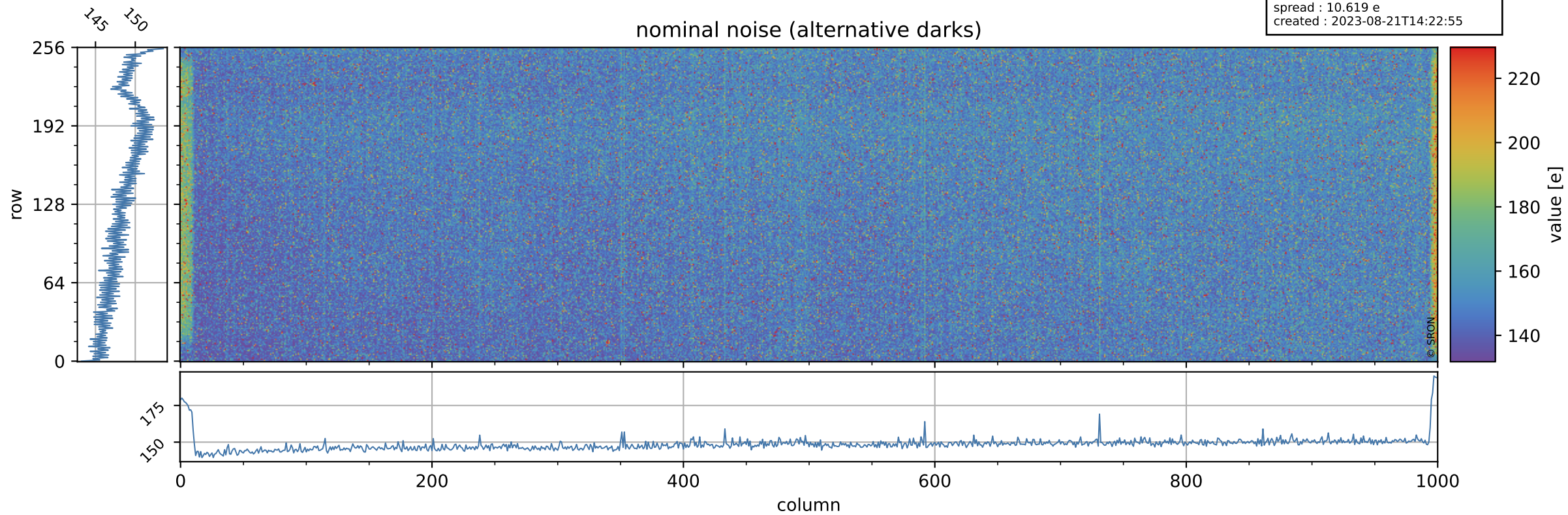


# Tropomi SWIR background noise (swir)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
n\_coad, t\_exp : 1, 1.0783  
median : 148.35 e  
spread : 10.619 e  
created : 2023-08-21T14:22:55

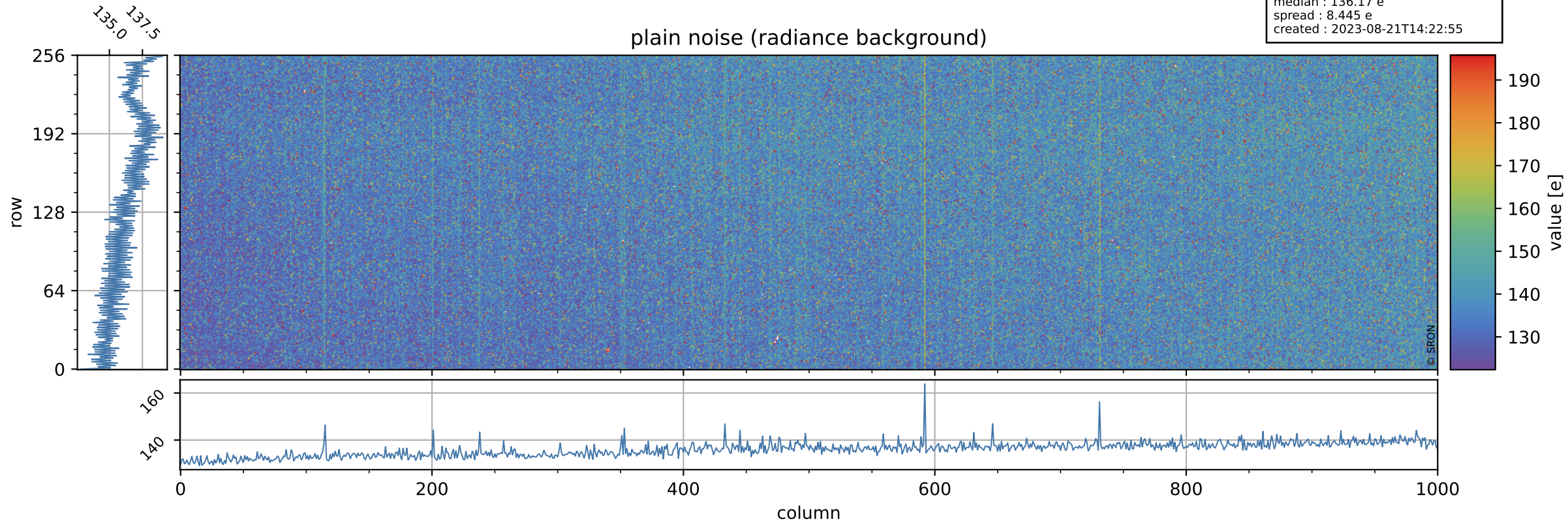
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.445 e  
created : 2023-08-21T14:22:55

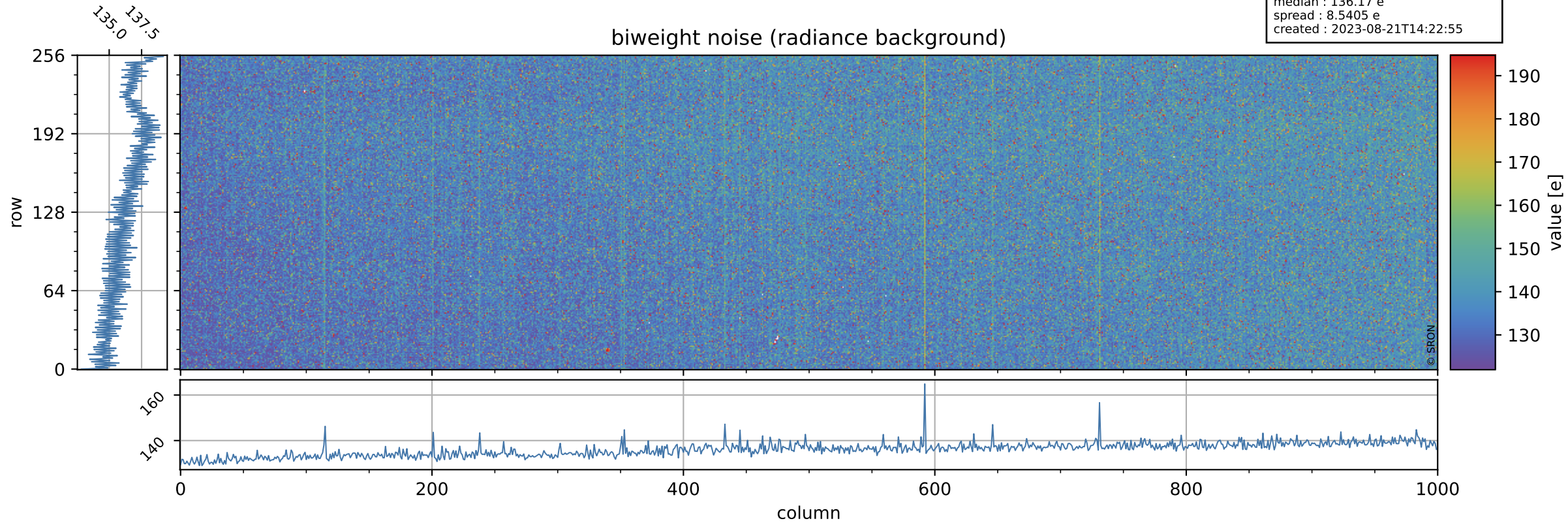
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.5405 e  
created : 2023-08-21T14:22:55

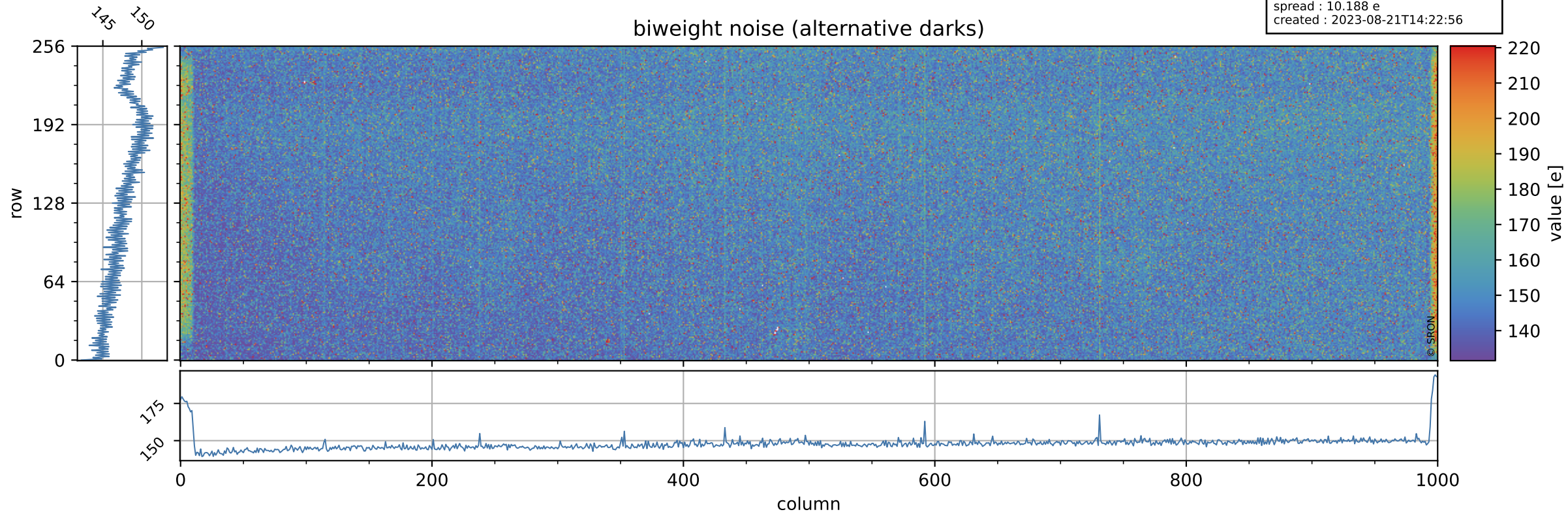
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 10.188 e  
created : 2023-08-21T14:22:56

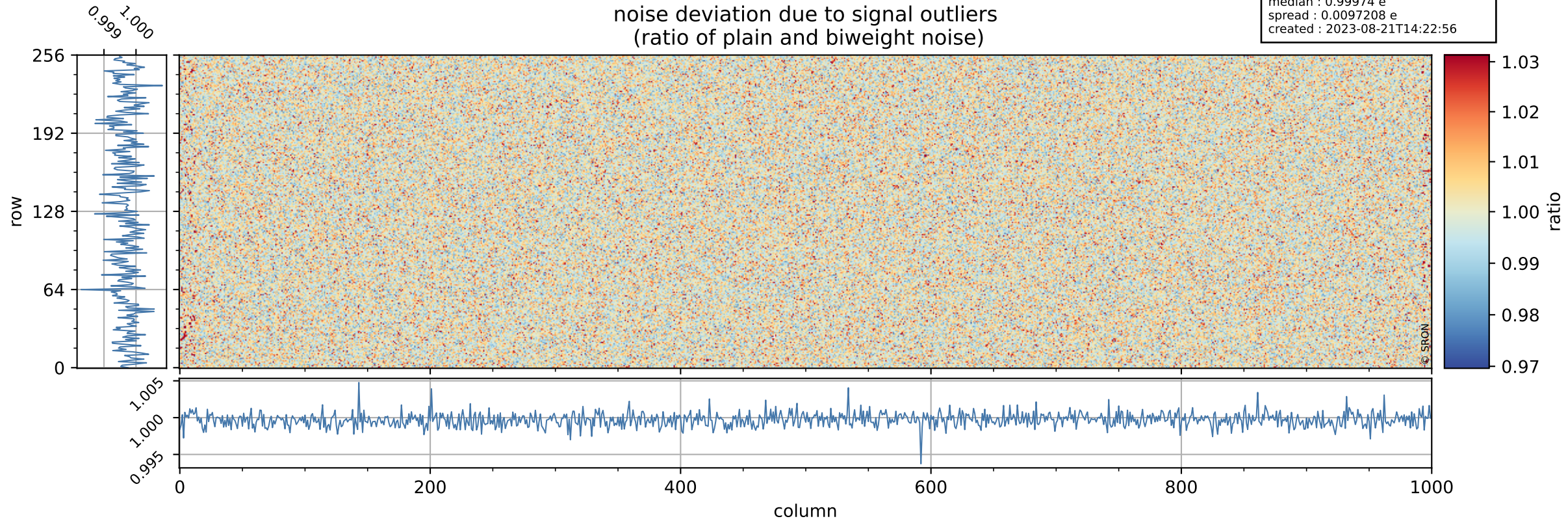
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

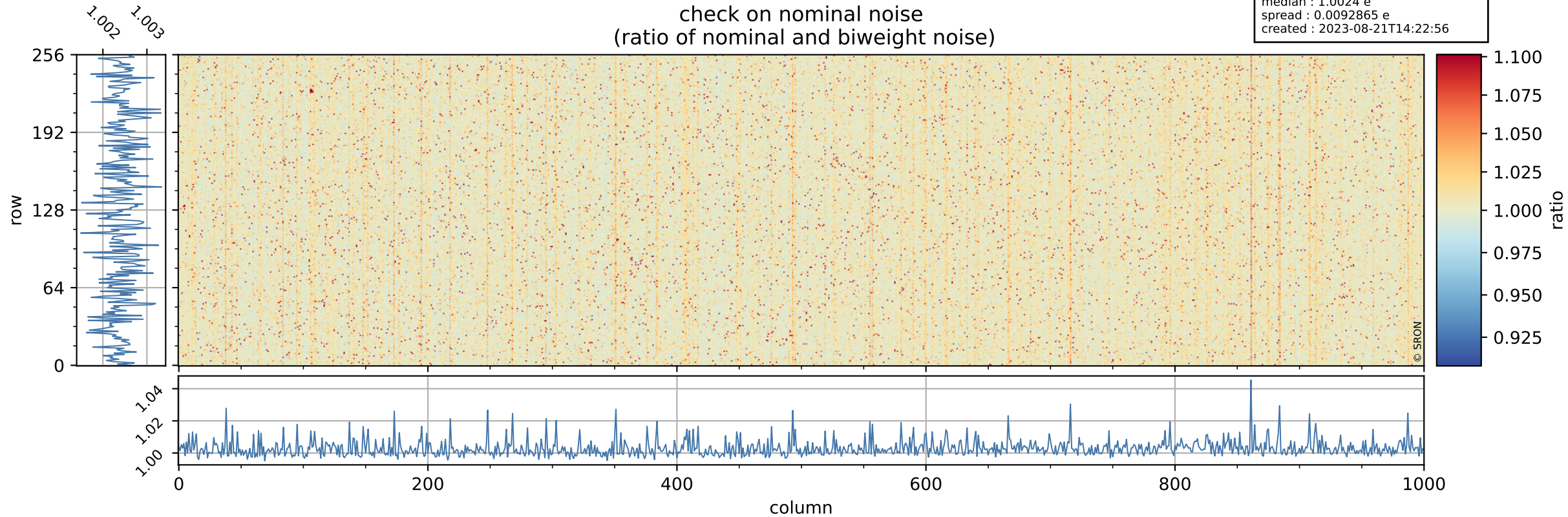
orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
median : 0.99974 e  
spread : 0.0097208 e  
created : 2023-08-21T14:22:56



# Tropomi SWIR background noise (swir)

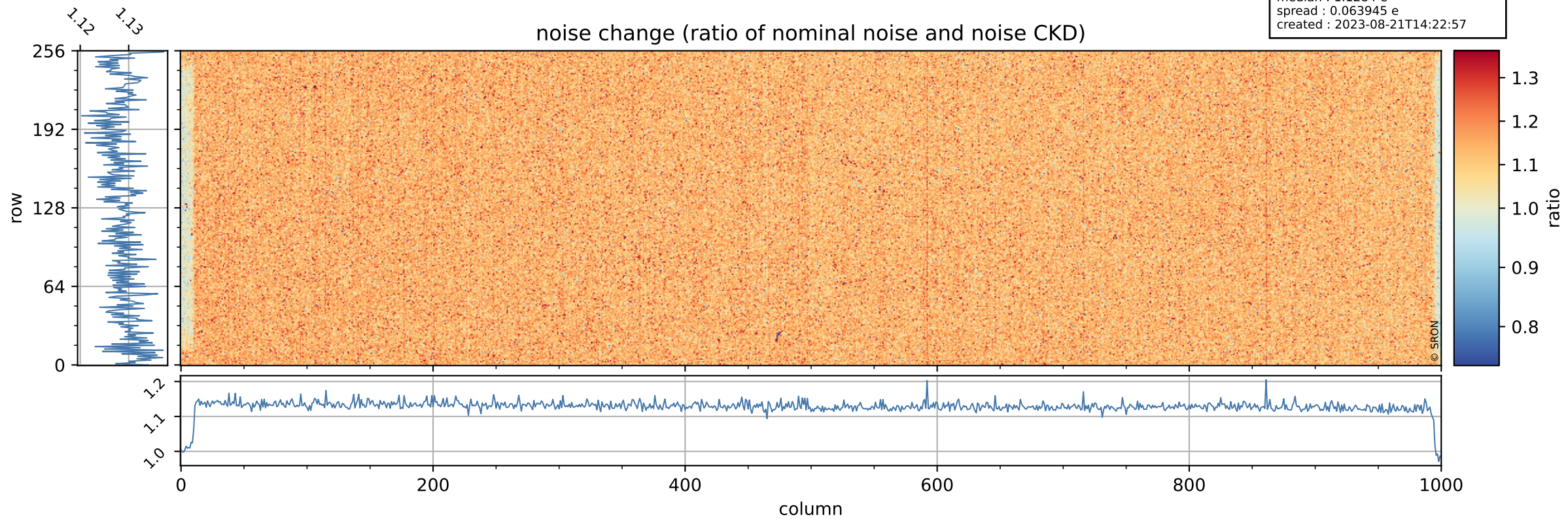
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
median : 1.0024 e  
spread : 0.0092865 e  
created : 2023-08-21T14:22:56



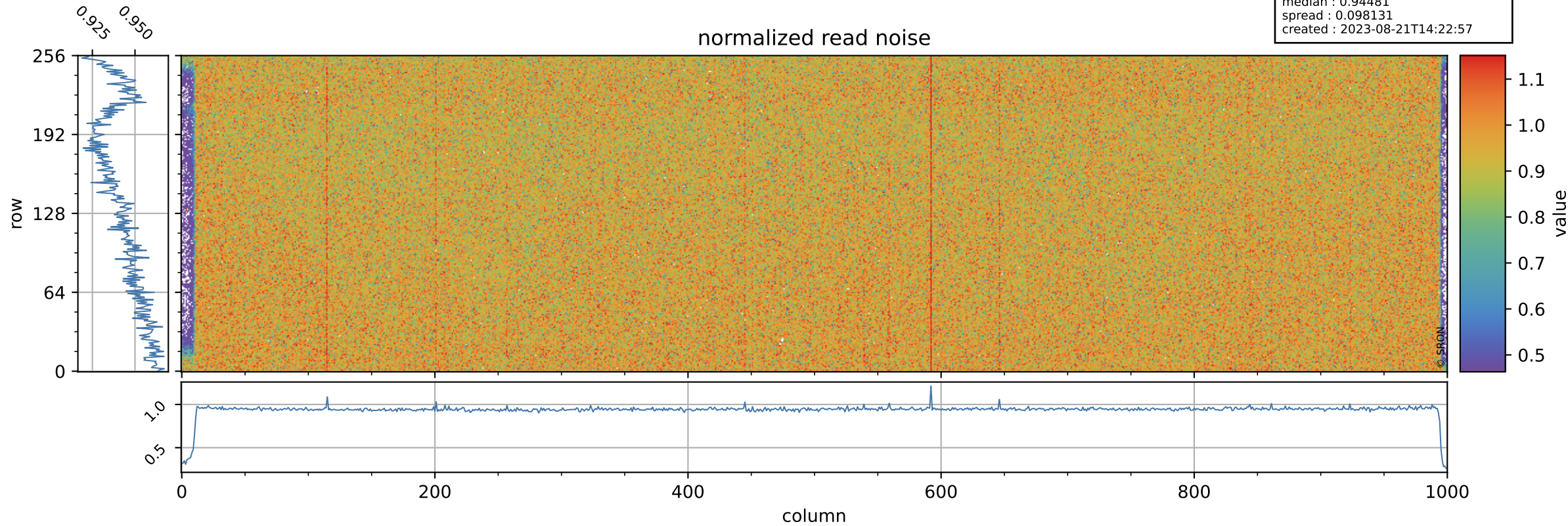
# Tropomi SWIR background noise (swir)

orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
median : 1.1284 e  
spread : 0.063945 e  
created : 2023-08-21T14:22:57



# Tropomi SWIR background noise (swir)

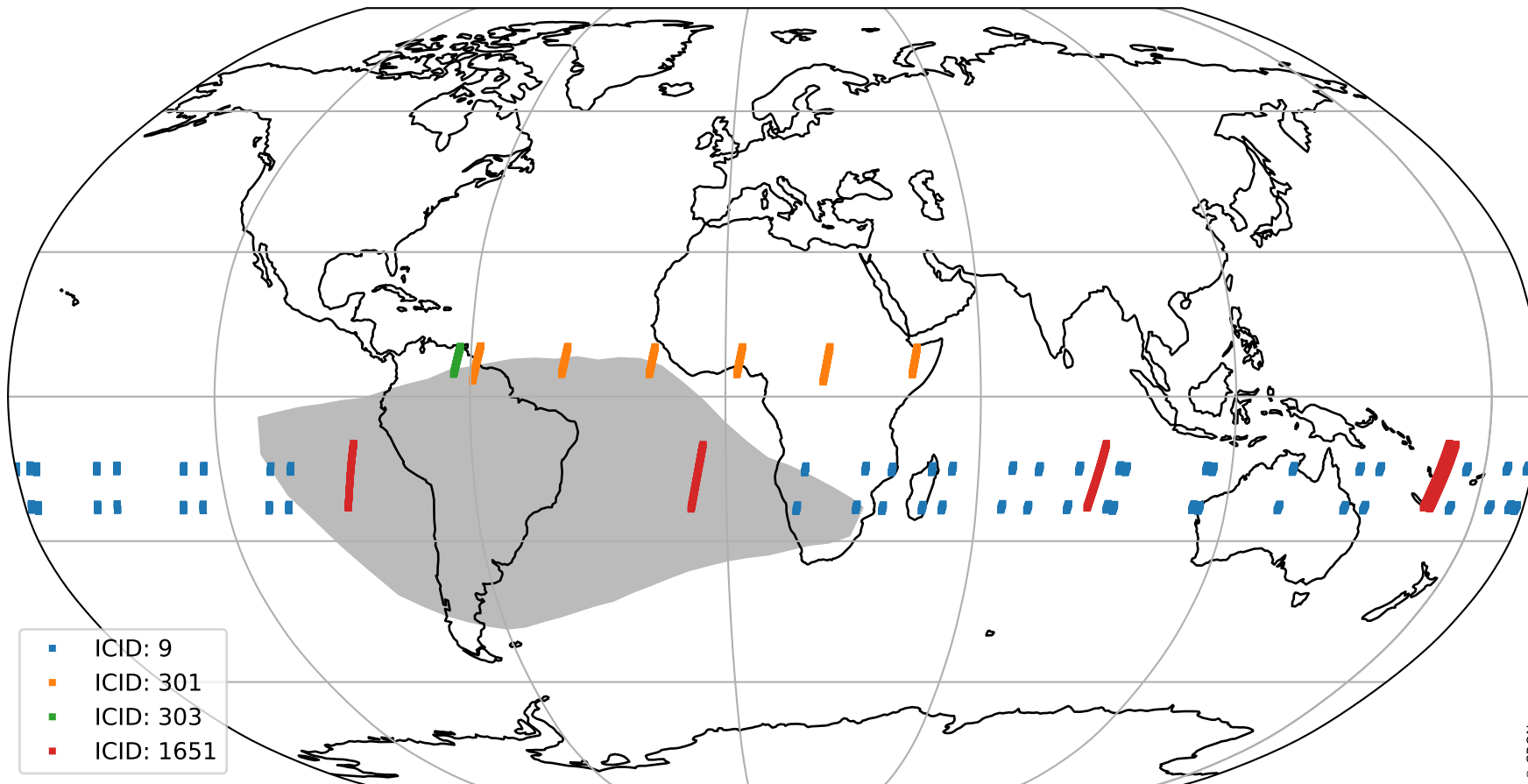
orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
median : 0.94481  
spread : 0.098131  
created : 2023-08-21T14:22:57





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

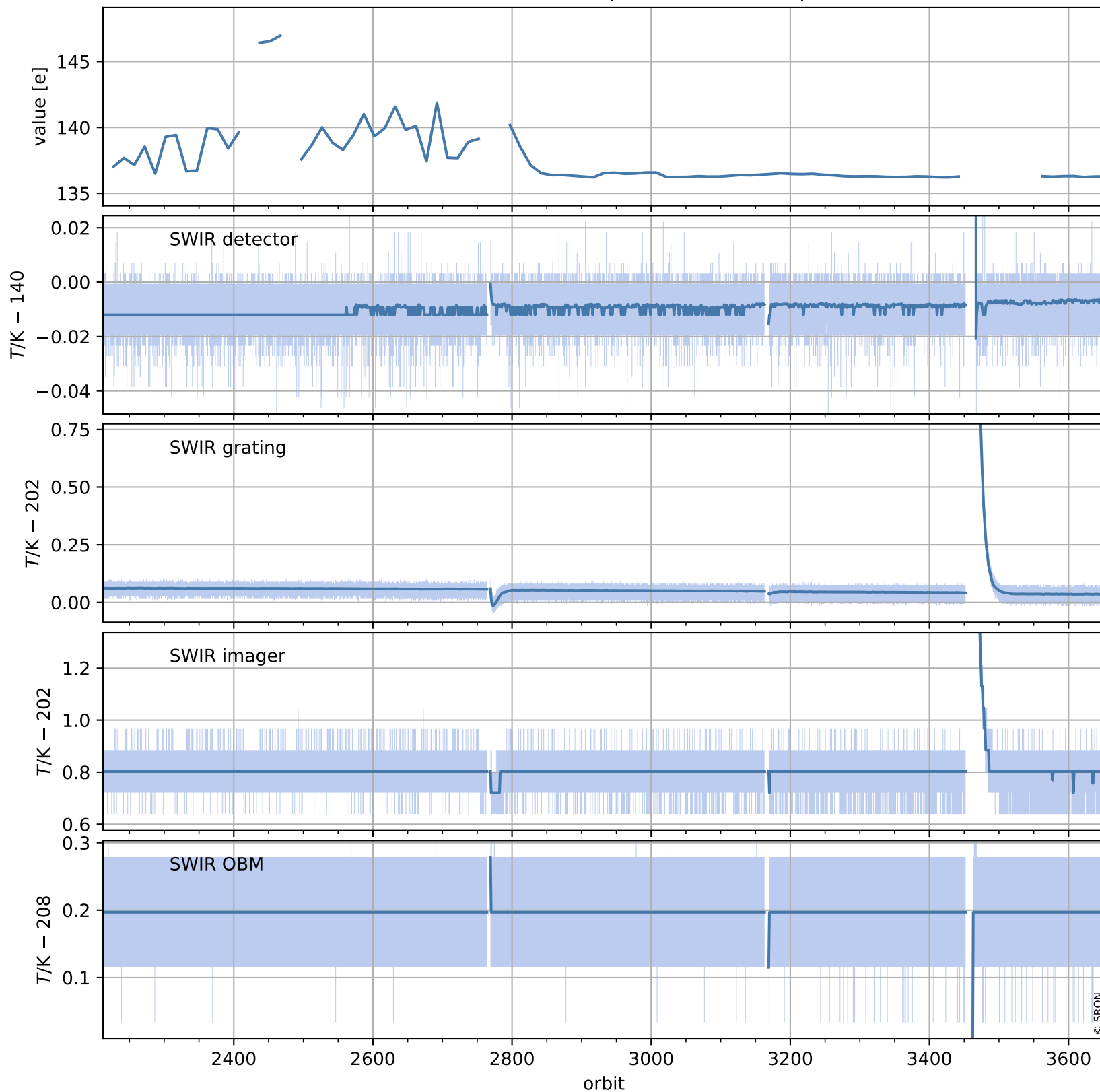
orbits : 12 in [3562, 3652]  
coverage : 2018-06-21 / 2018-06-27  
created : 2023-08-21T14:22:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 3652]  
coverage : 2018-03-18 / 2018-06-27  
created : 2023-08-21T14:22:57

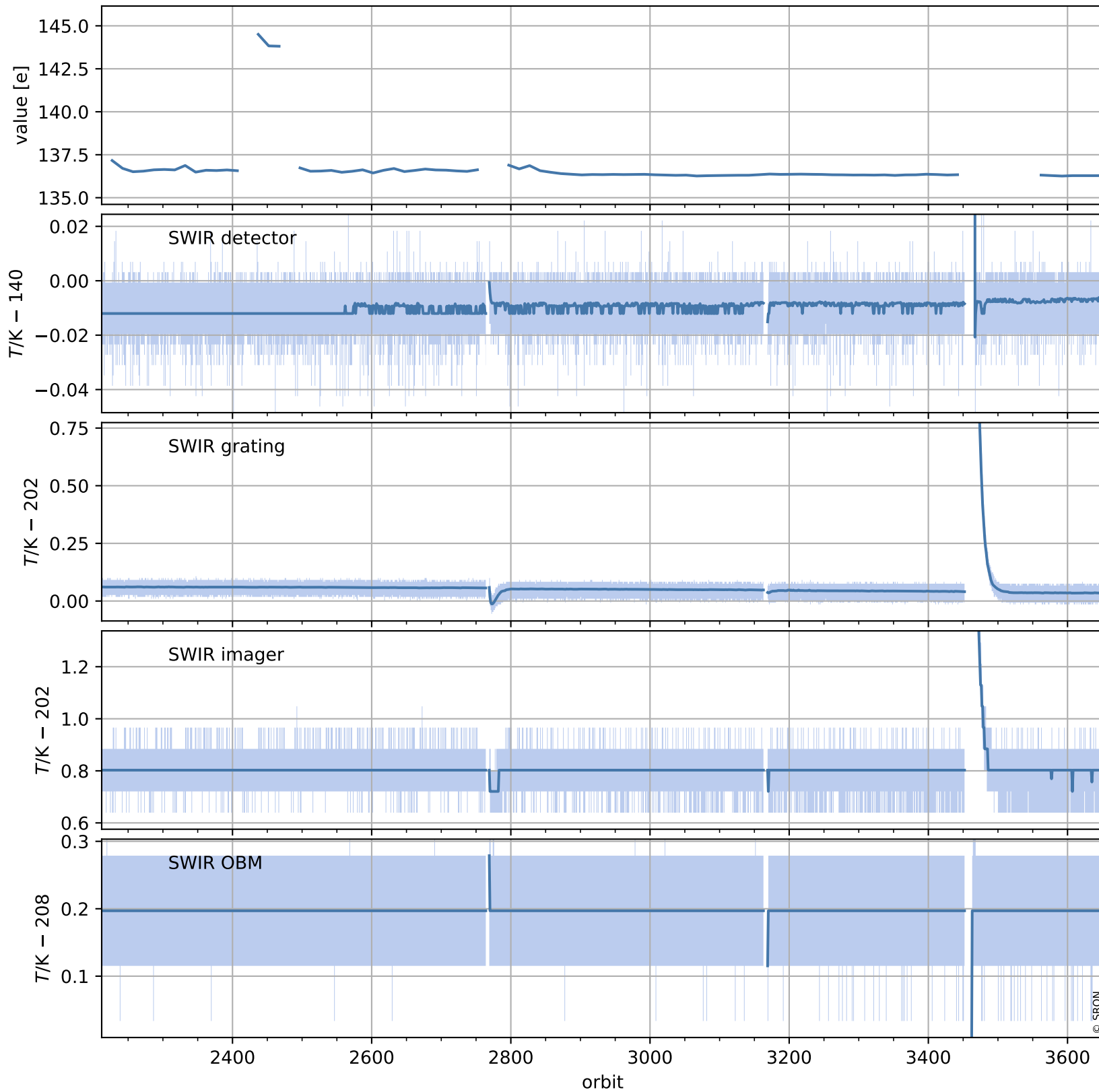
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3652]  
coverage : 2018-03-18 / 2018-06-27  
created : 2023-08-21T14:22:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3652]  
coverage : 2018-03-18 / 2018-06-27  
created : 2023-08-21T14:22:58

## trend of normalized read-noise & temperatures

