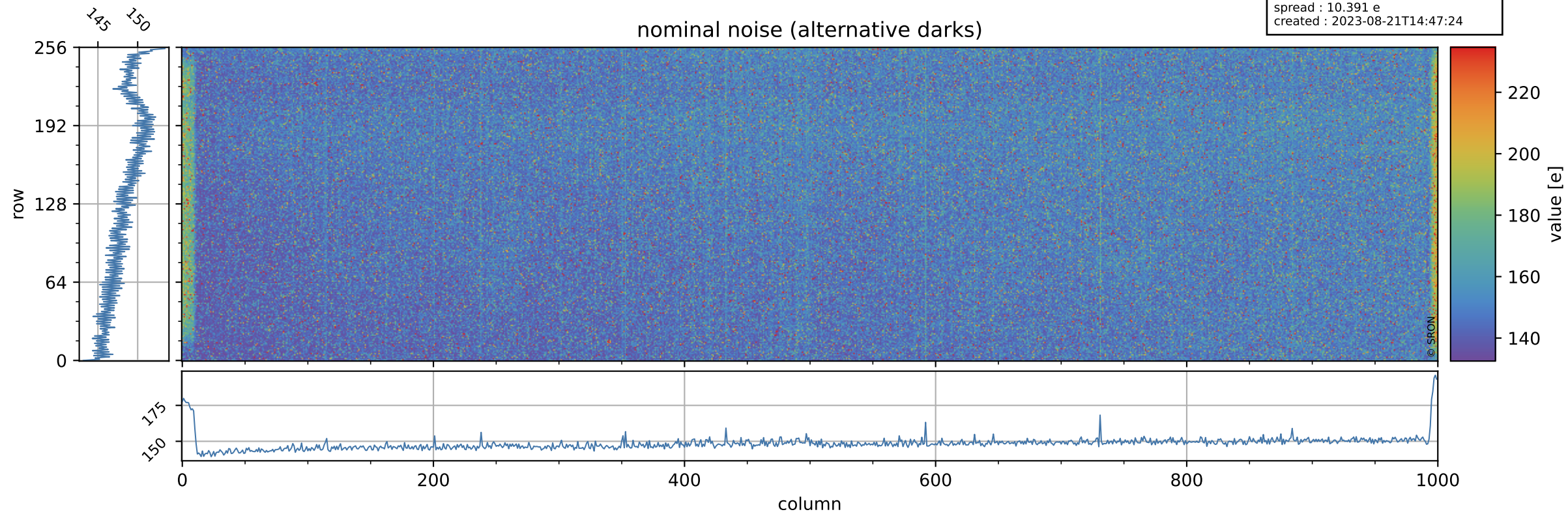


# Tropomi SWIR background noise (swir)

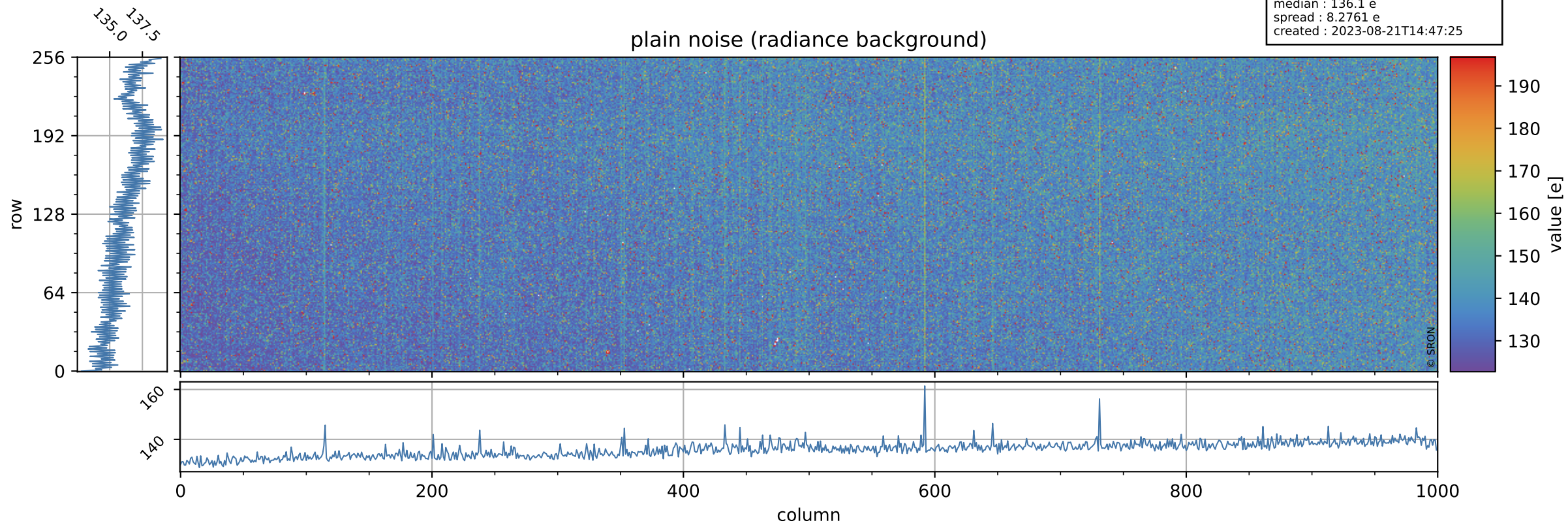
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.29 e  
spread : 10.391 e  
created : 2023-08-21T14:47:24



# Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
n\_coad, t\_exp : 2, 0.5383  
median : 136.1 e  
spread : 8.2761 e  
created : 2023-08-21T14:47:25

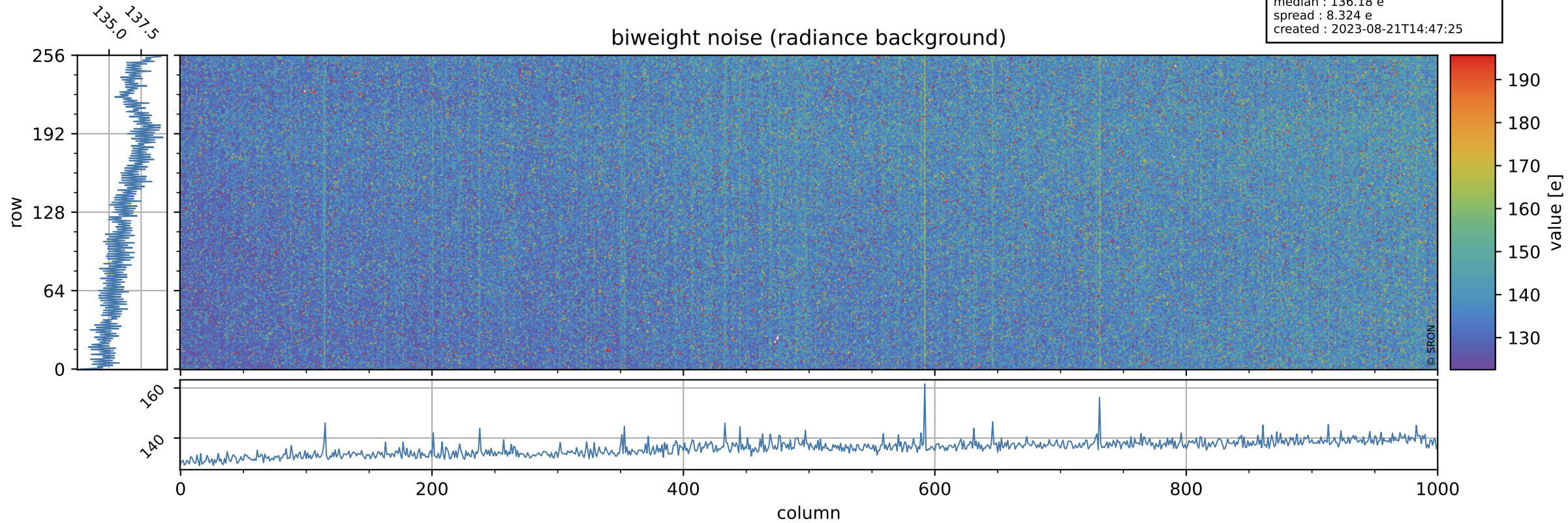
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

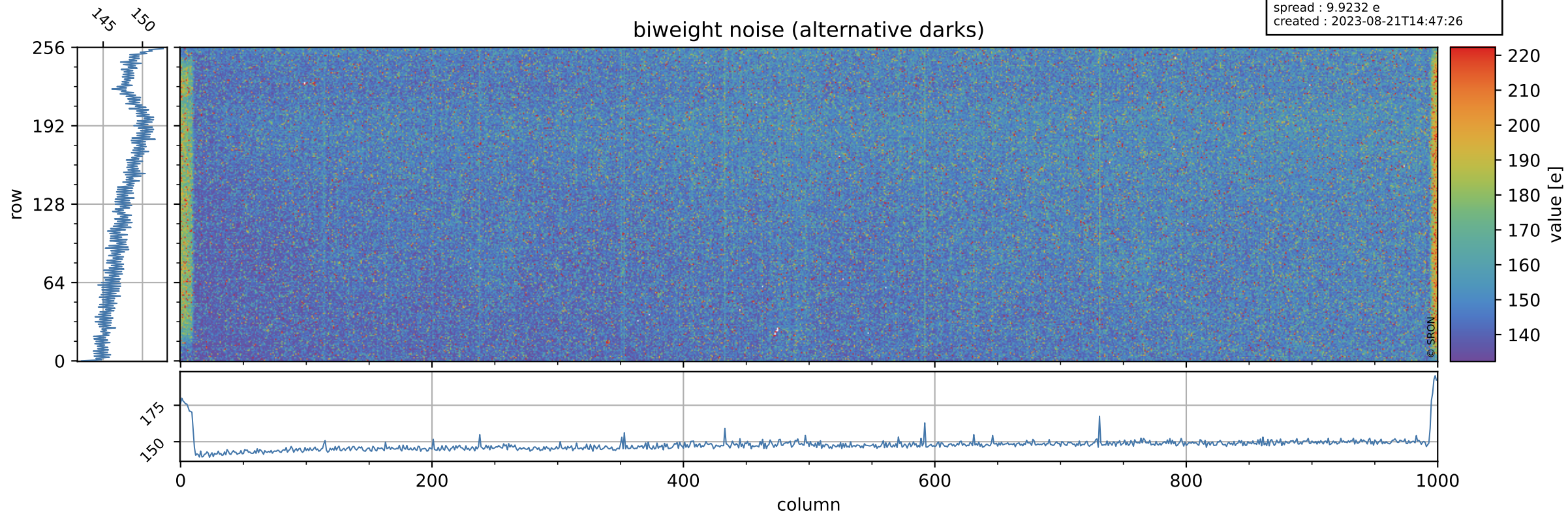
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.324 e  
created : 2023-08-21T14:47:25

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

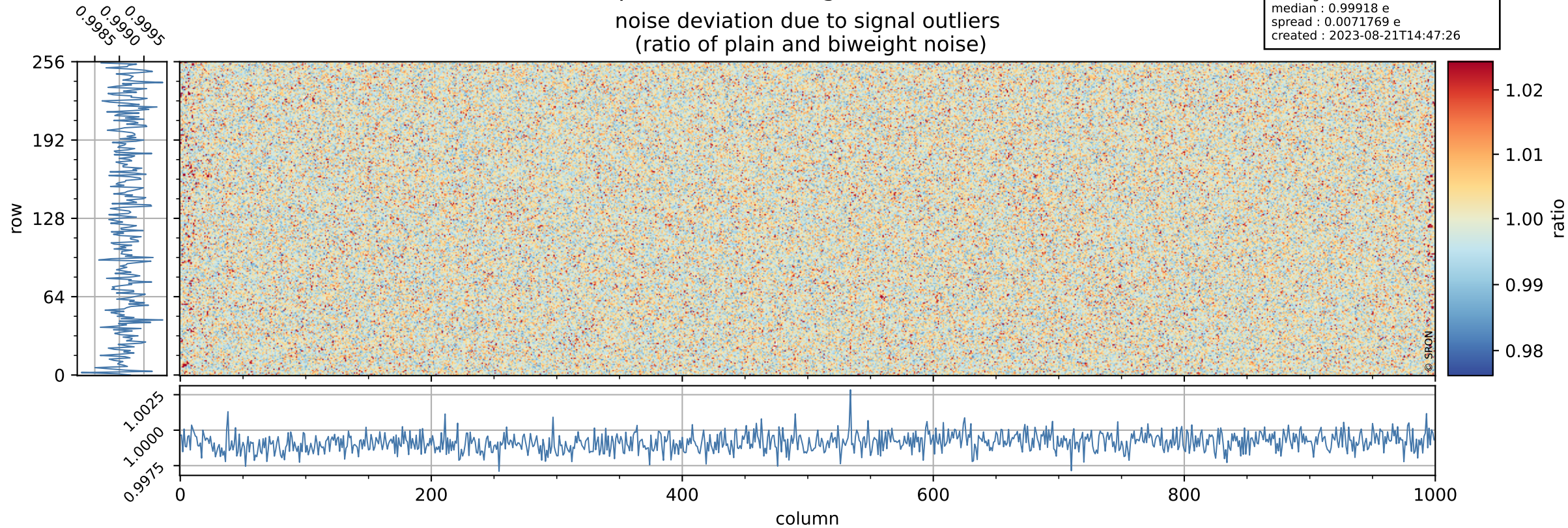
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 9.9232 e  
created : 2023-08-21T14:47:26



# Tropomi SWIR background noise (swir)

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

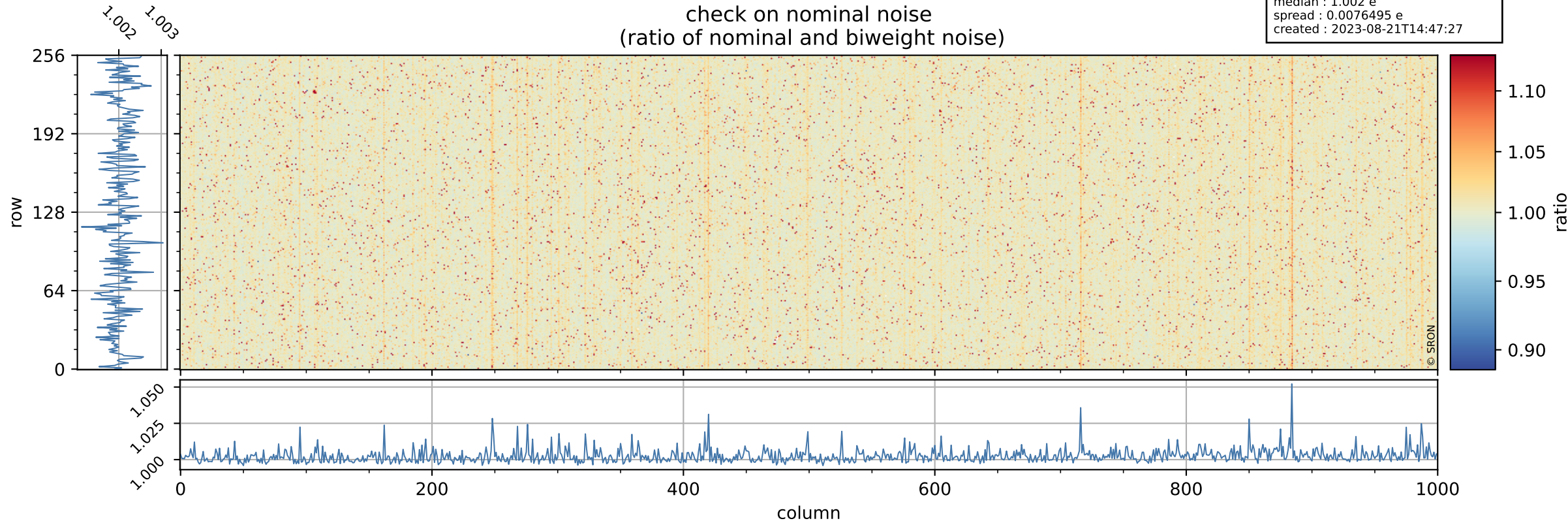
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
median : 0.99918 e  
spread : 0.0071769 e  
created : 2023-08-21T14:47:26



# Tropomi SWIR background noise (swir)

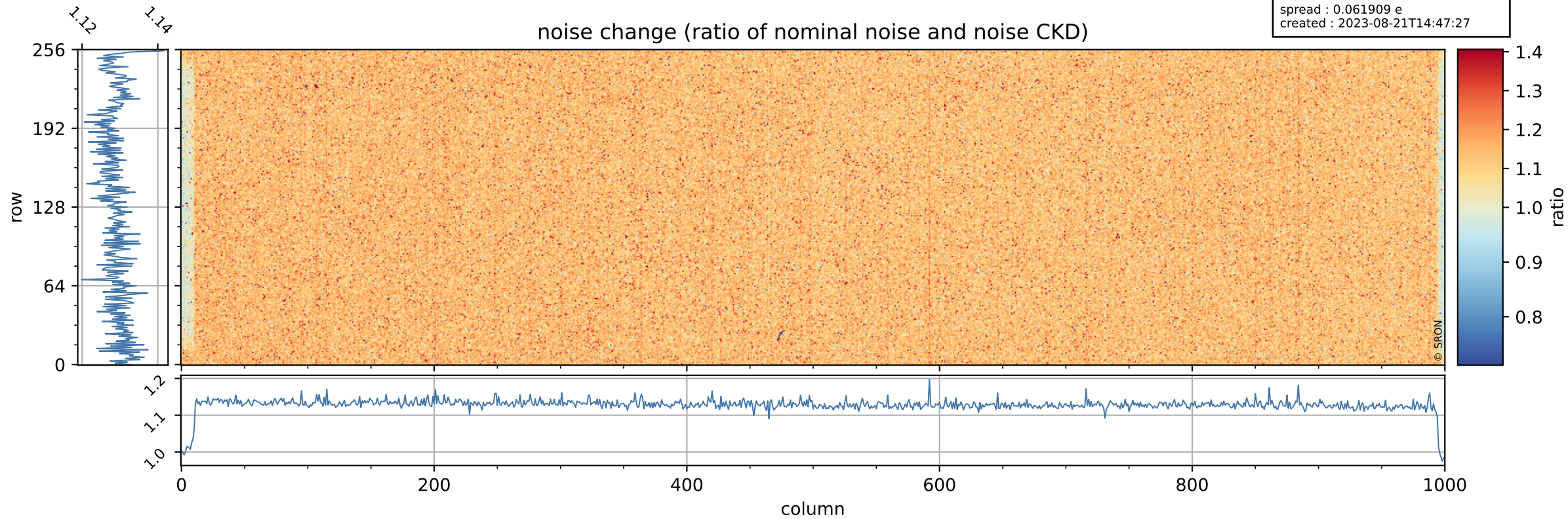
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
median : 1.002 e  
spread : 0.0076495 e  
created : 2023-08-21T14:47:27



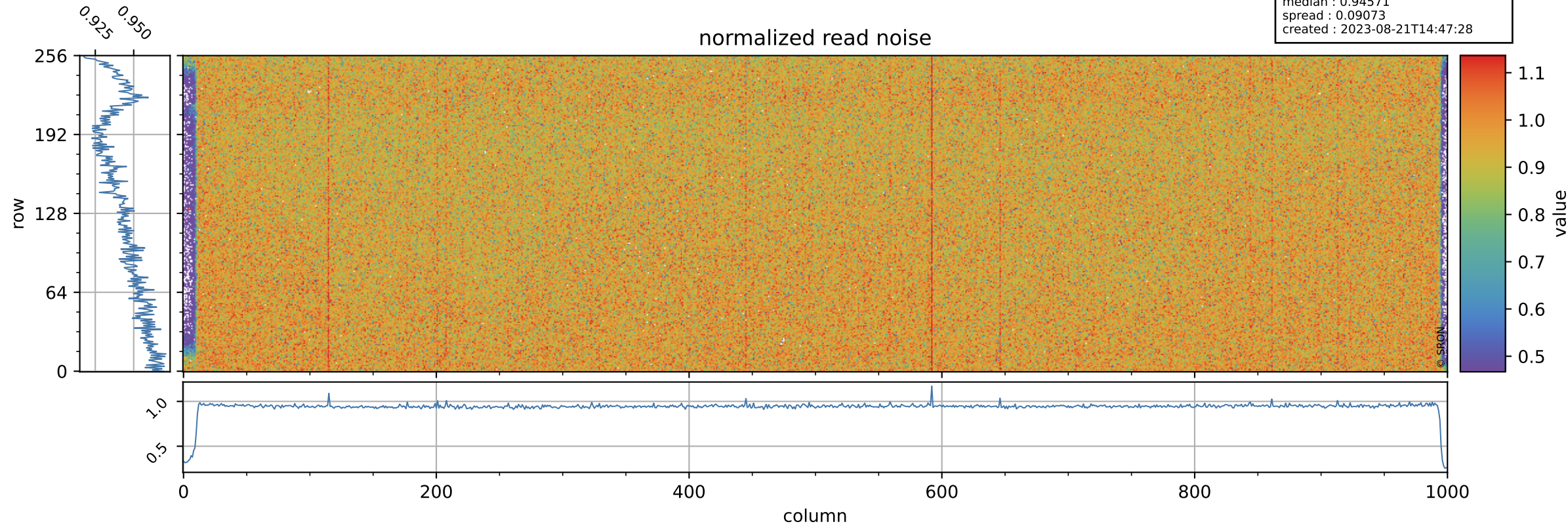
# Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
median : 1.1284 e  
spread : 0.061909 e  
created : 2023-08-21T14:47:27



# Tropomi SWIR background noise (swir)

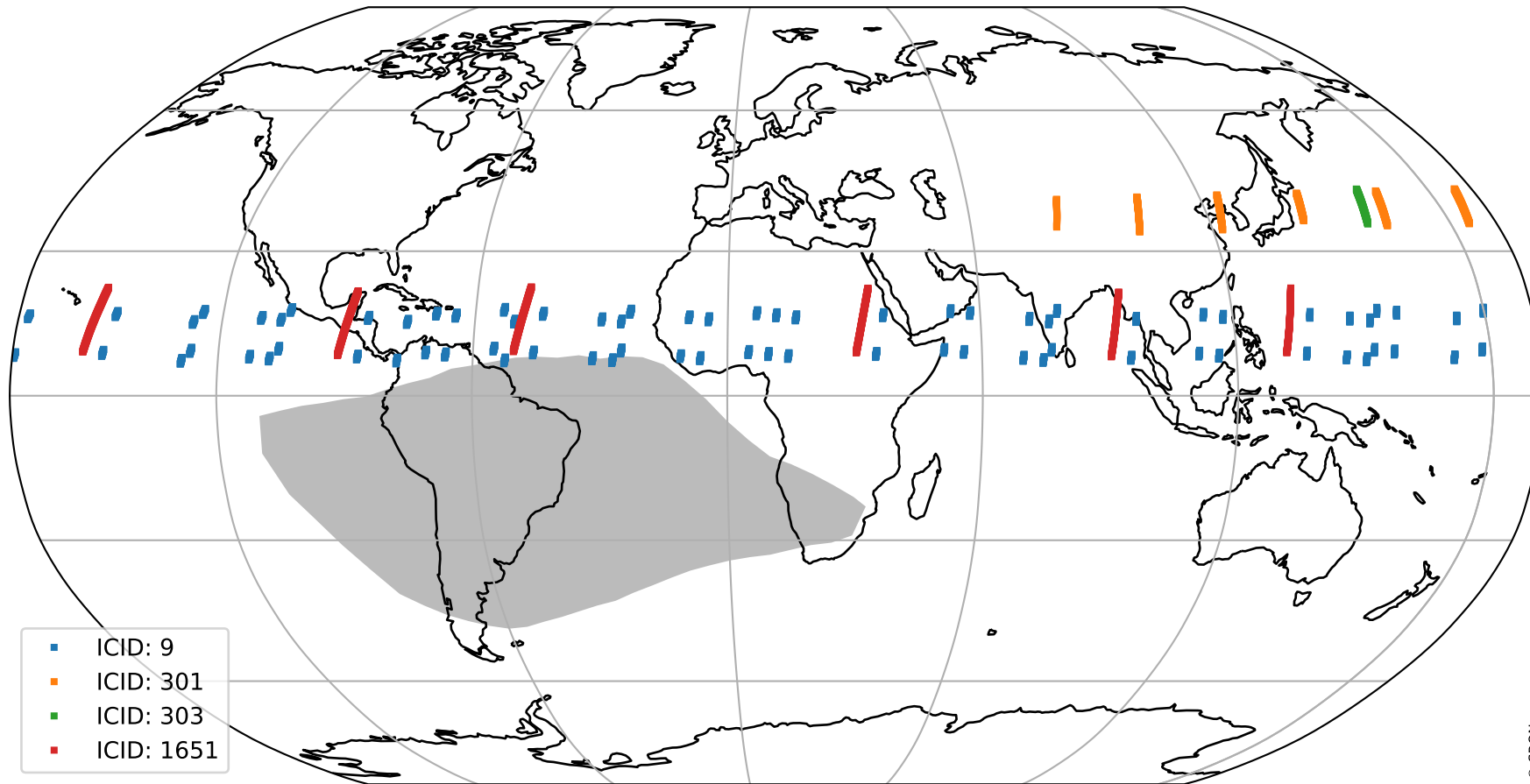
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
median : 0.94571  
spread : 0.09073  
created : 2023-08-21T14:47:28





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

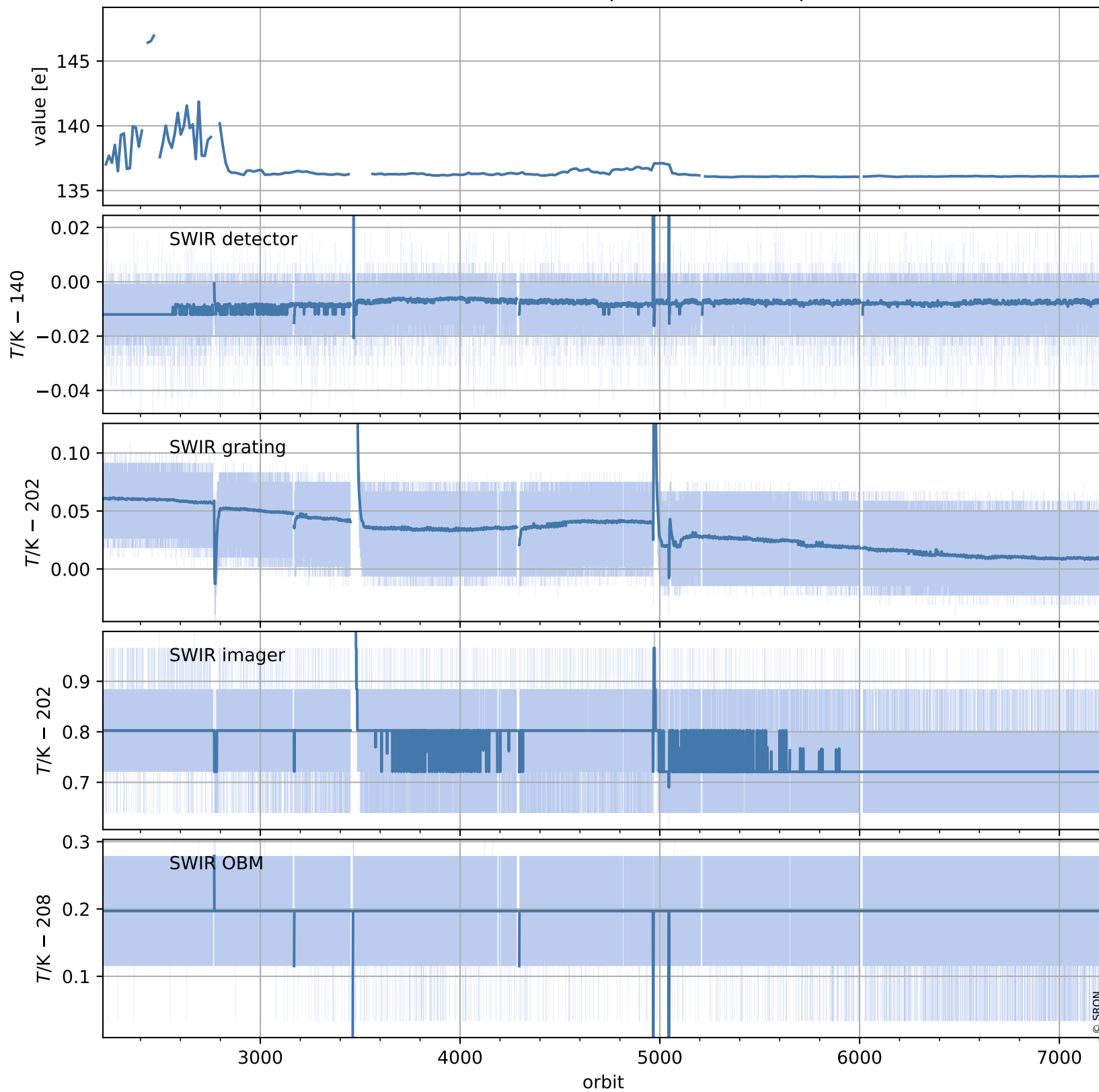
orbits : 13 in [7147, 7222]  
coverage : 2019-02-28 / 2019-03-05  
created : 2023-08-21T14:47:28



# Tropomi SWIR background noise (swir)

orbits : [2212, 7222]  
coverage : 2018-03-18 / 2019-03-05  
created : 2023-08-21T14:47:28

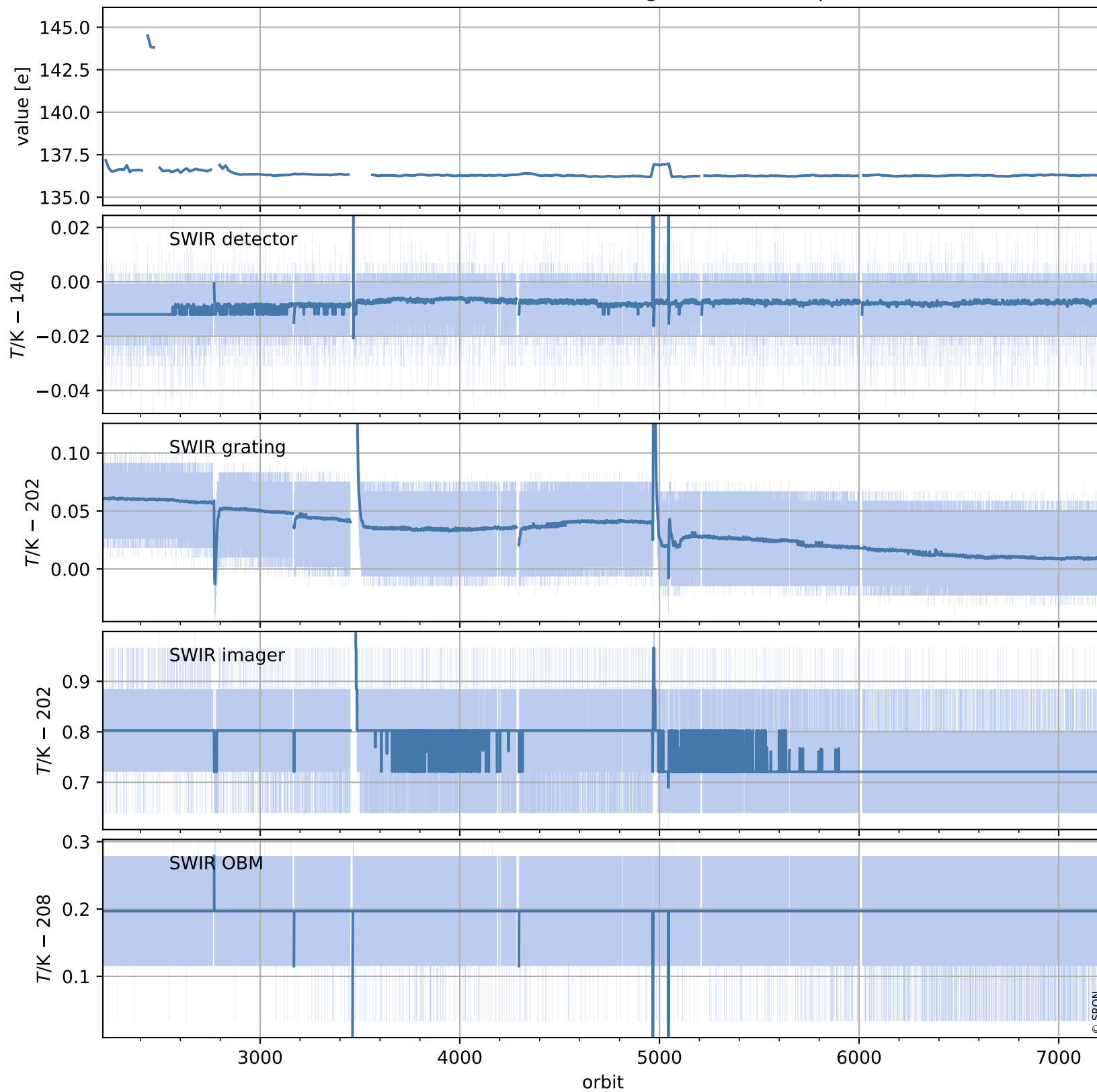
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7222]  
coverage : 2018-03-18 / 2019-03-05  
created : 2023-08-21T14:47:29

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7222]  
coverage : 2018-03-18 / 2019-03-05  
created : 2023-08-21T14:47:30

## trend of normalized read-noise & temperatures

