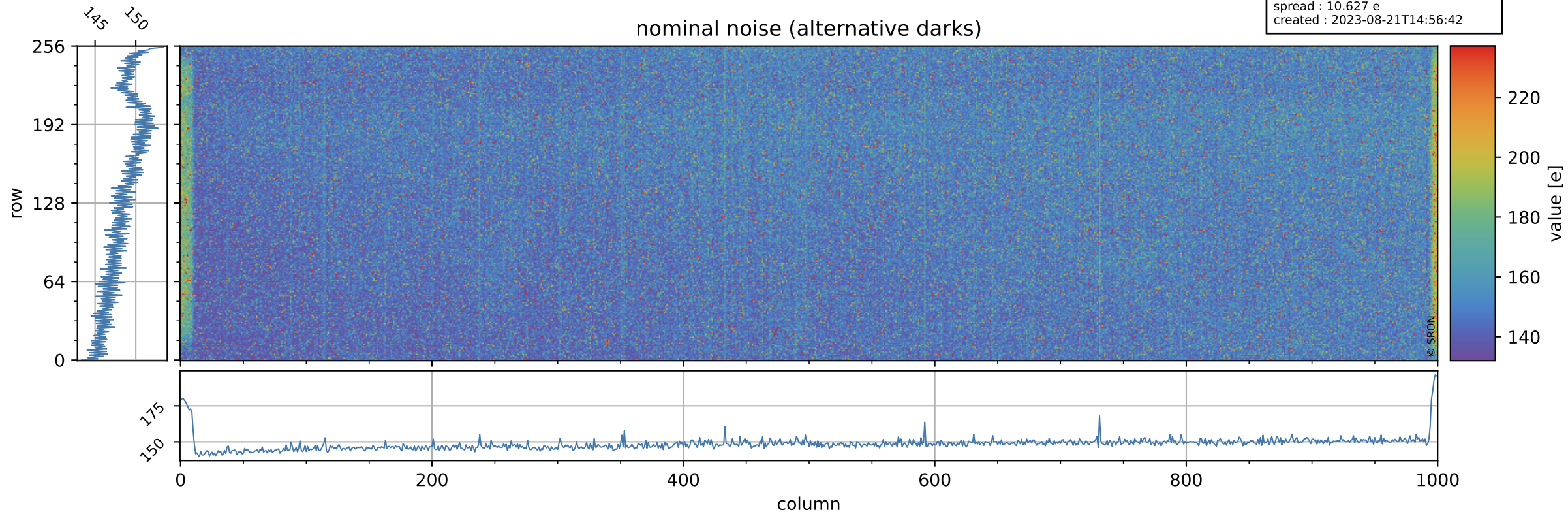


# Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.36 e  
spread : 10.627 e  
created : 2023-08-21T14:56:42

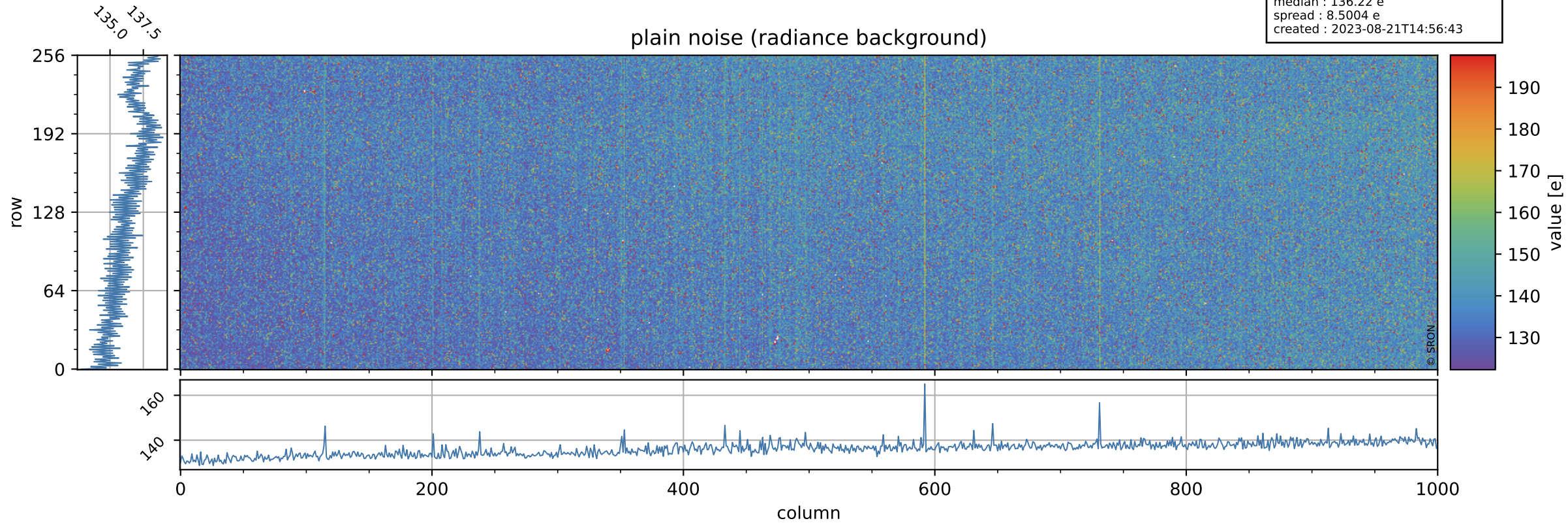
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
n\_coad, t\_exp : 2, 0.5383  
median : 136.22 e  
spread : 8.5004 e  
created : 2023-08-21T14:56:43

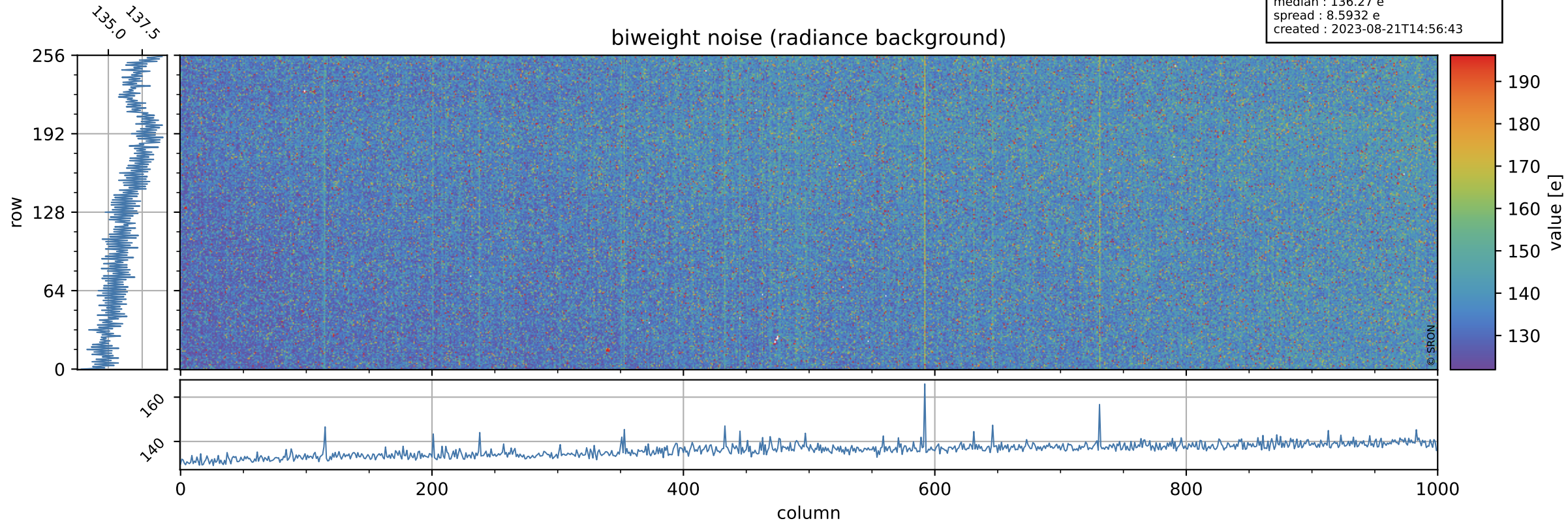
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
n\_coad, t\_exp : 2, 0.5383  
median : 136.27 e  
spread : 8.5932 e  
created : 2023-08-21T14:56:43

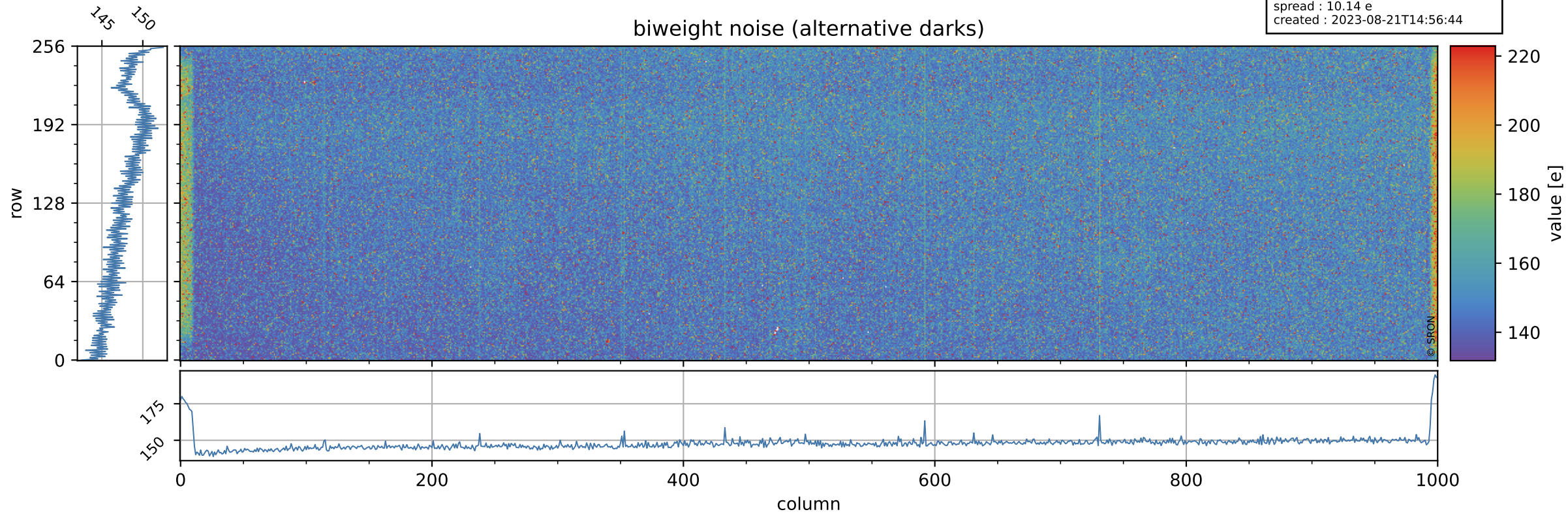
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 10.14 e  
created : 2023-08-21T14:56:44

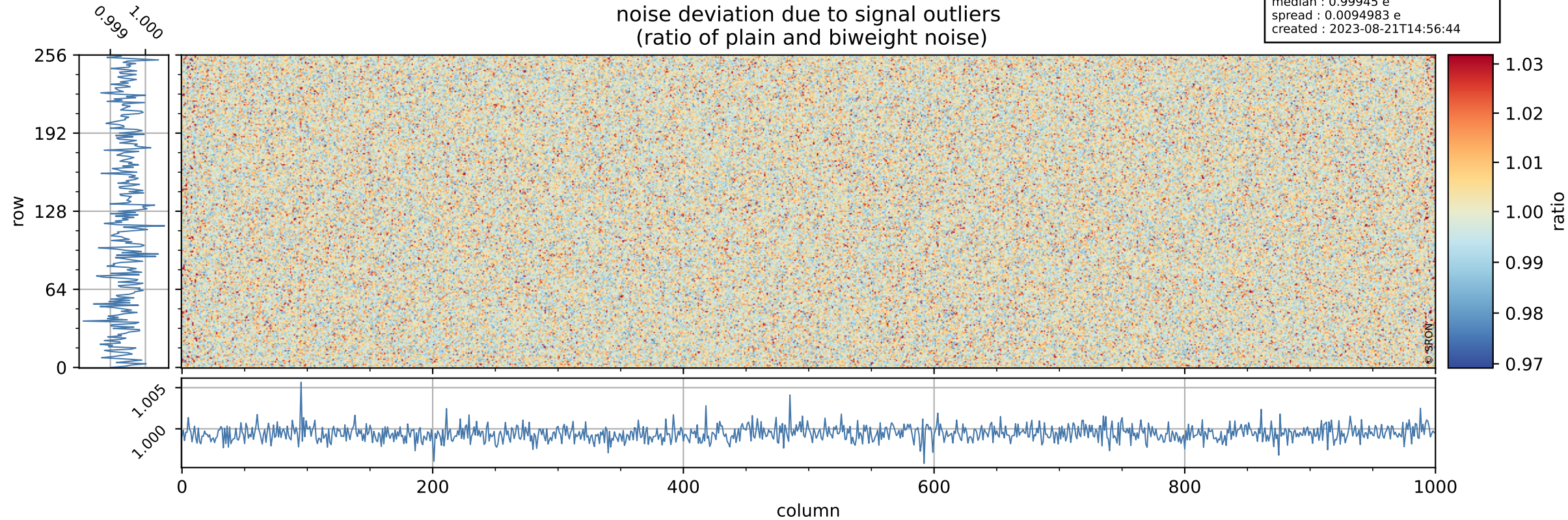
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

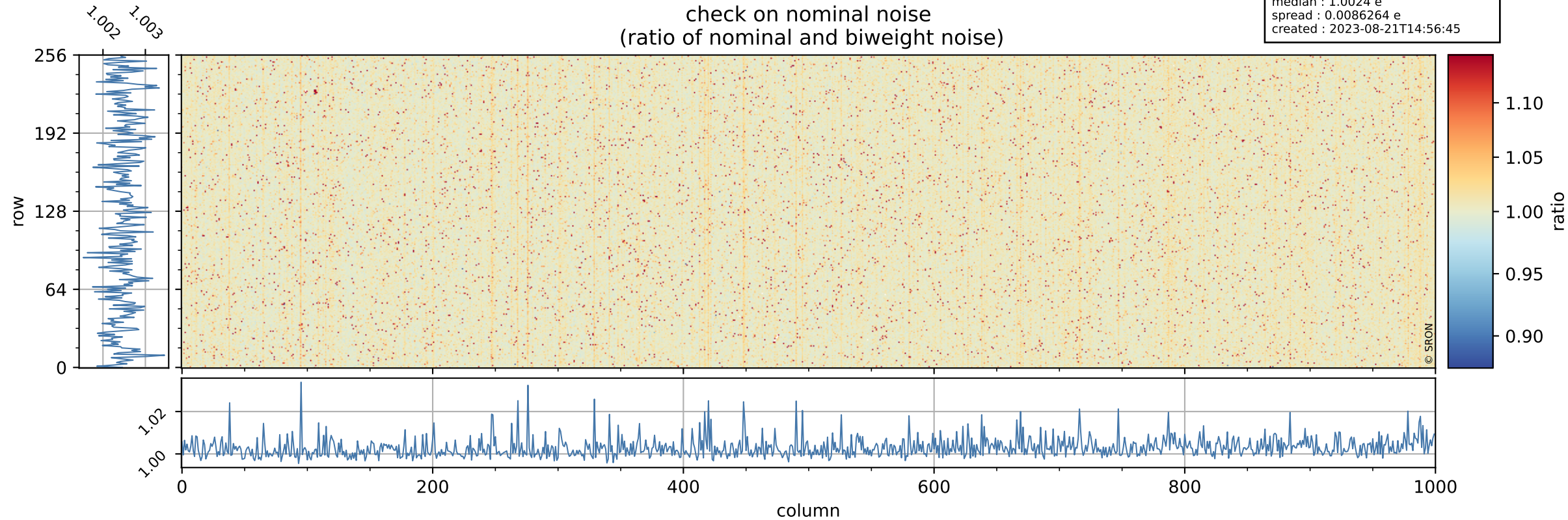
orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
median : 0.99945 e  
spread : 0.0094983 e  
created : 2023-08-21T14:56:44



# Tropomi SWIR background noise (swir)

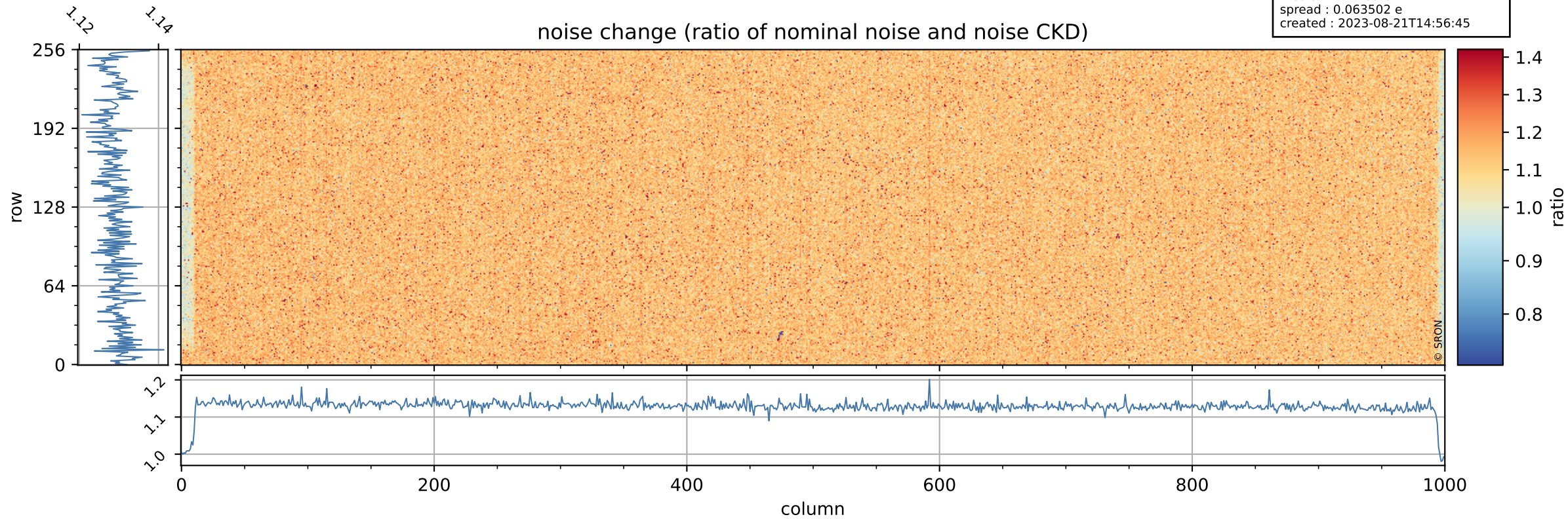
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
median : 1.0024 e  
spread : 0.0086264 e  
created : 2023-08-21T14:56:45



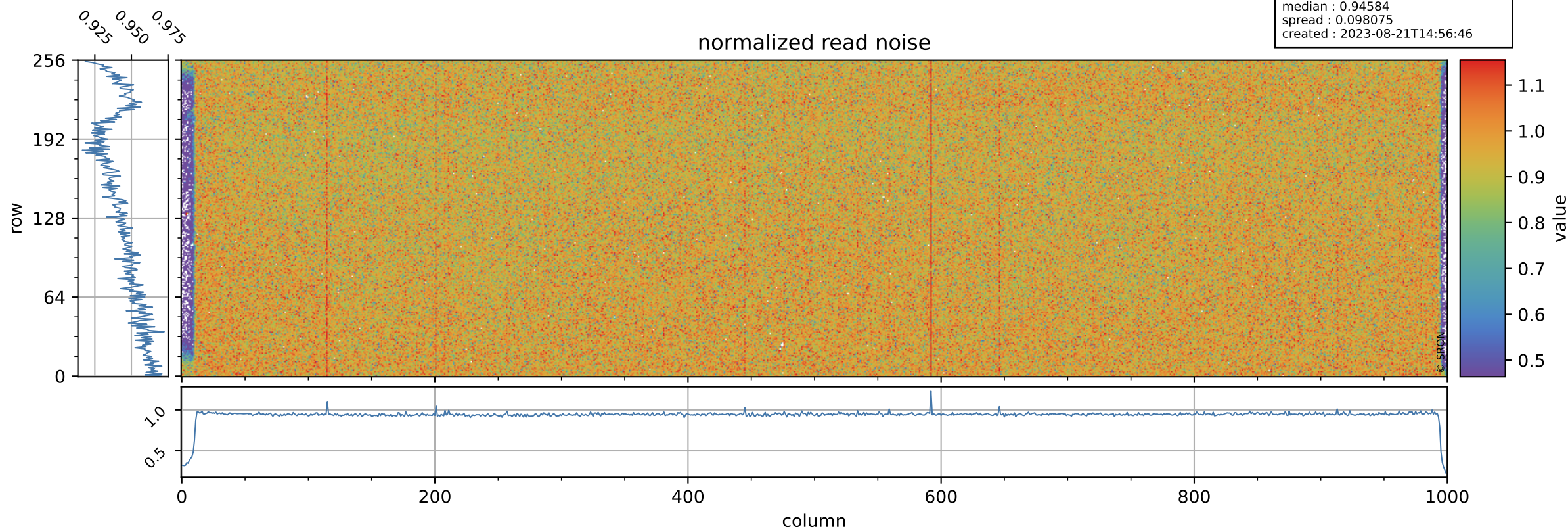
# Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
median : 1.1285 e  
spread : 0.063502 e  
created : 2023-08-21T14:56:45



# Tropomi SWIR background noise (swir)

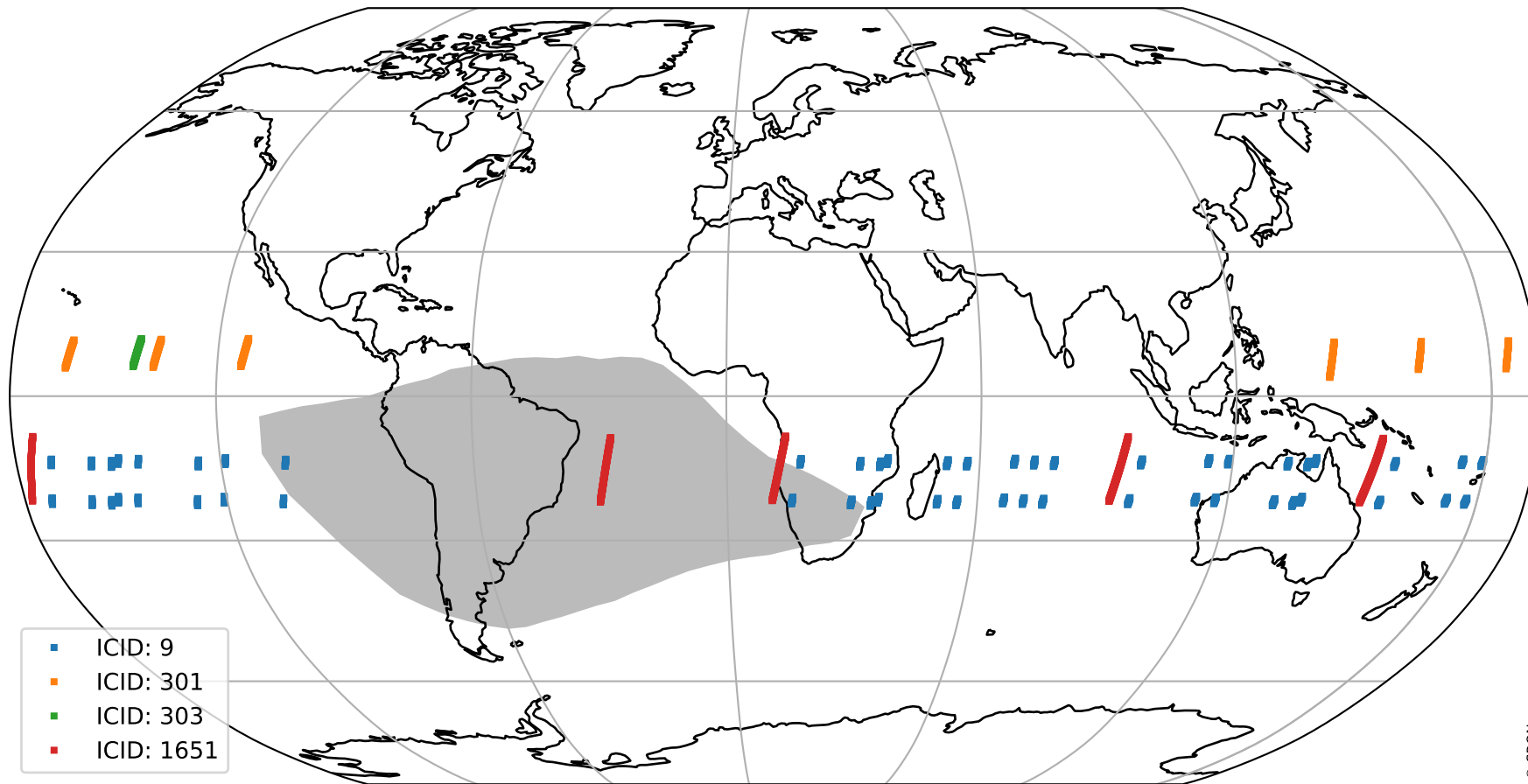
orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
median : 0.94584  
spread : 0.098075  
created : 2023-08-21T14:56:46





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

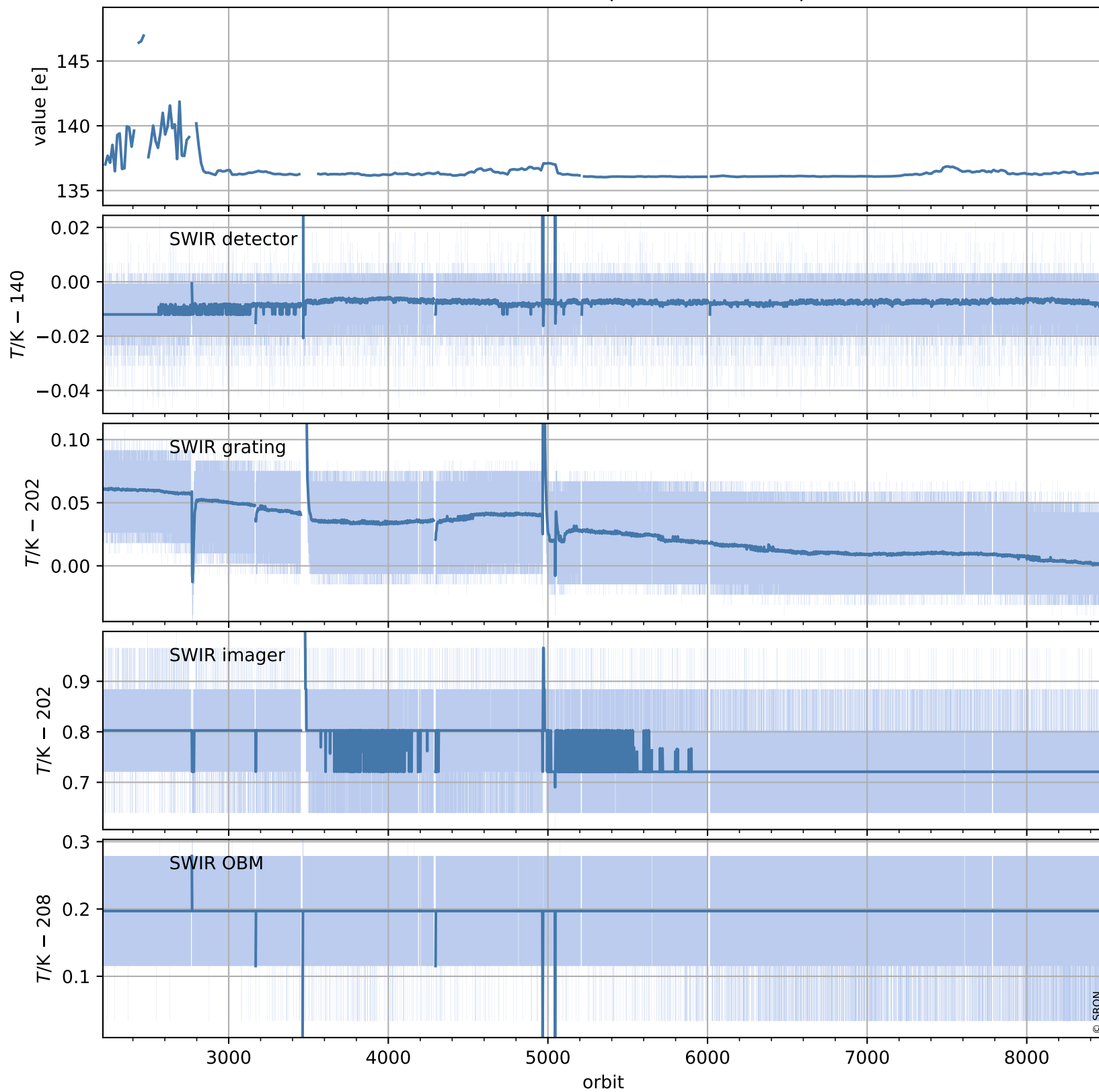
orbits : 12 in [8407, 8482]  
coverage : 2019-05-28 / 2019-06-02  
created : 2023-08-21T14:56:46



# Tropomi SWIR background noise (swir)

orbits : [2212, 8482]  
coverage : 2018-03-18 / 2019-06-02  
created : 2023-08-21T14:56:47

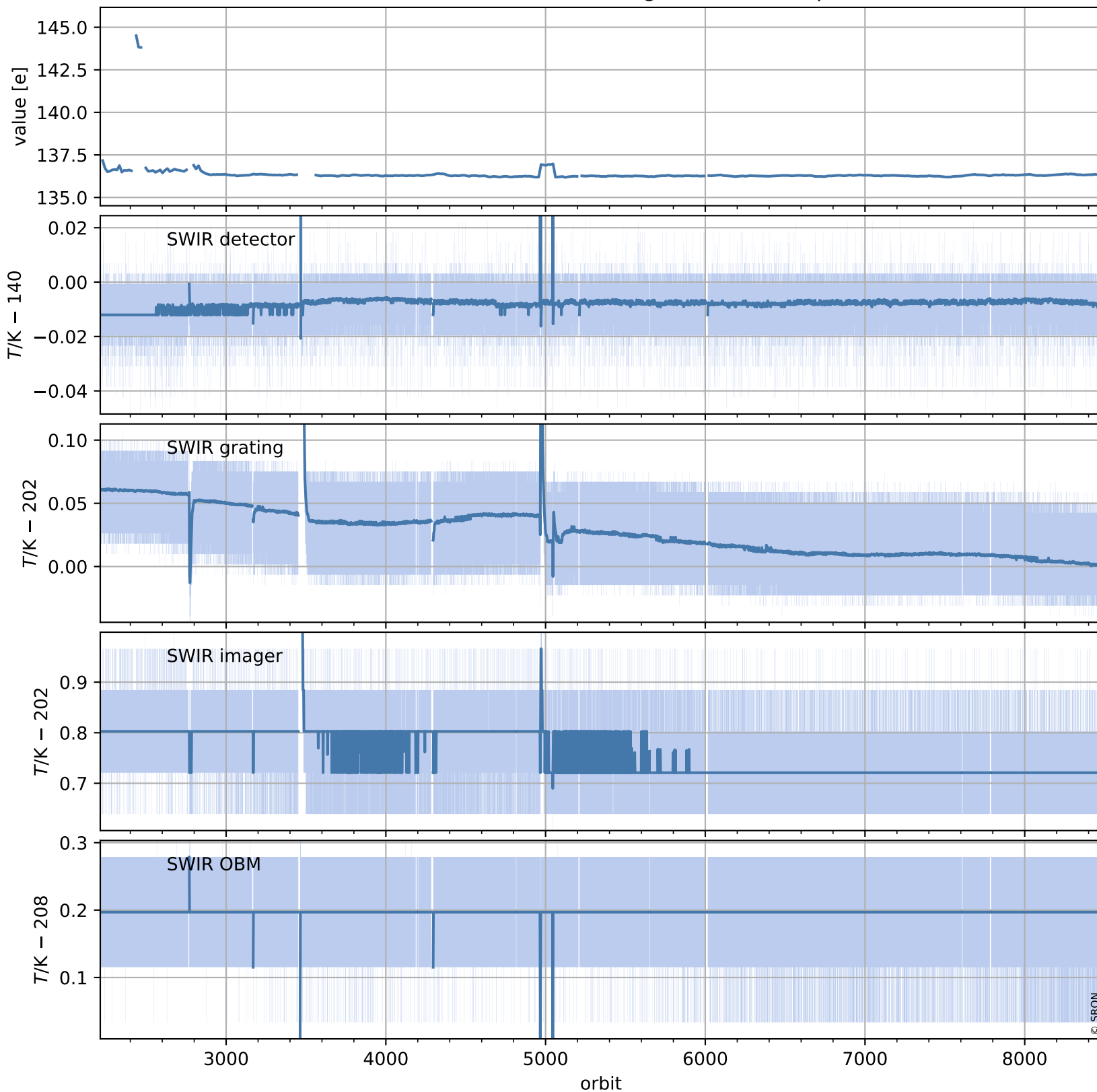
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8482]  
coverage : 2018-03-18 / 2019-06-02  
created : 2023-08-21T14:56:48

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8482]  
coverage : 2018-03-18 / 2019-06-02  
created : 2023-08-21T14:56:48

## trend of normalized read-noise & temperatures

