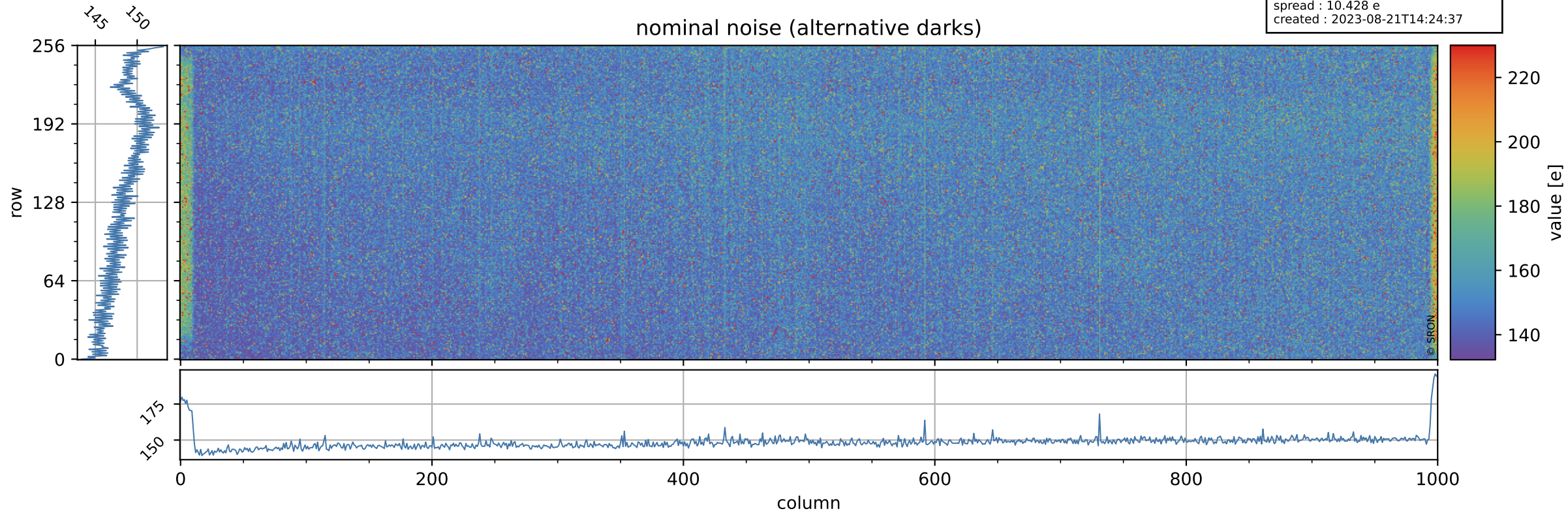


# Tropomi SWIR background noise (swir)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.26 e  
spread : 10.428 e  
created : 2023-08-21T14:24:37

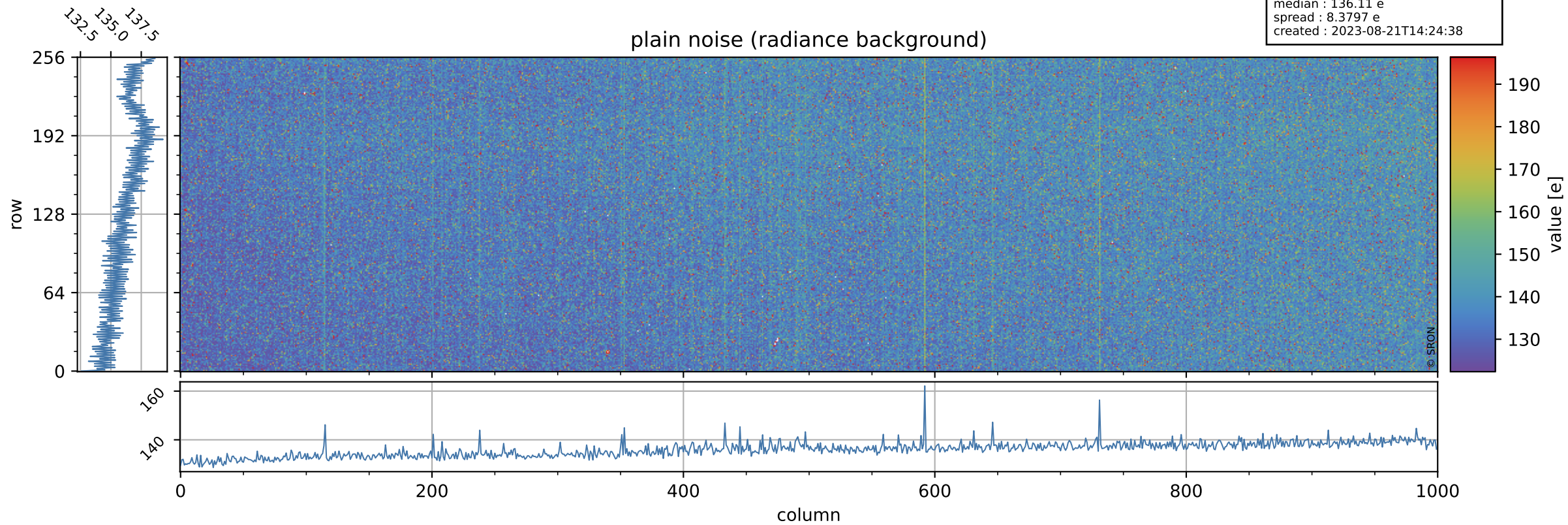
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
n\_coad, t\_exp : 2, 0.5383  
median : 136.11 e  
spread : 8.3797 e  
created : 2023-08-21T14:24:38

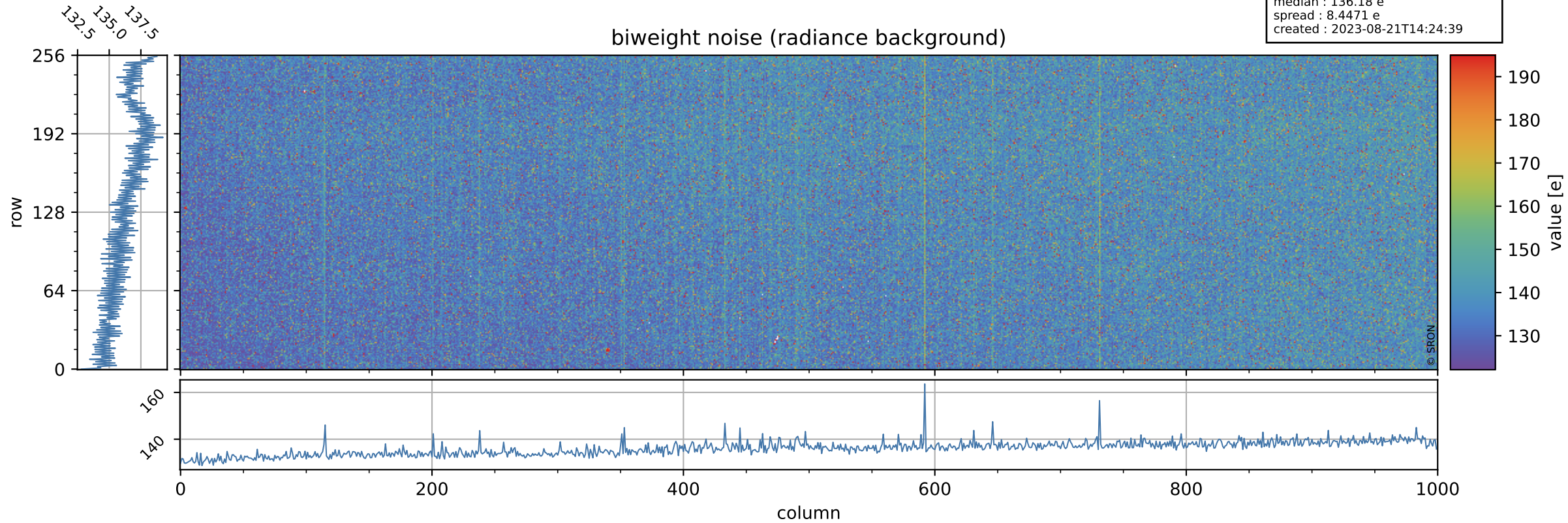
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.4471 e  
created : 2023-08-21T14:24:39

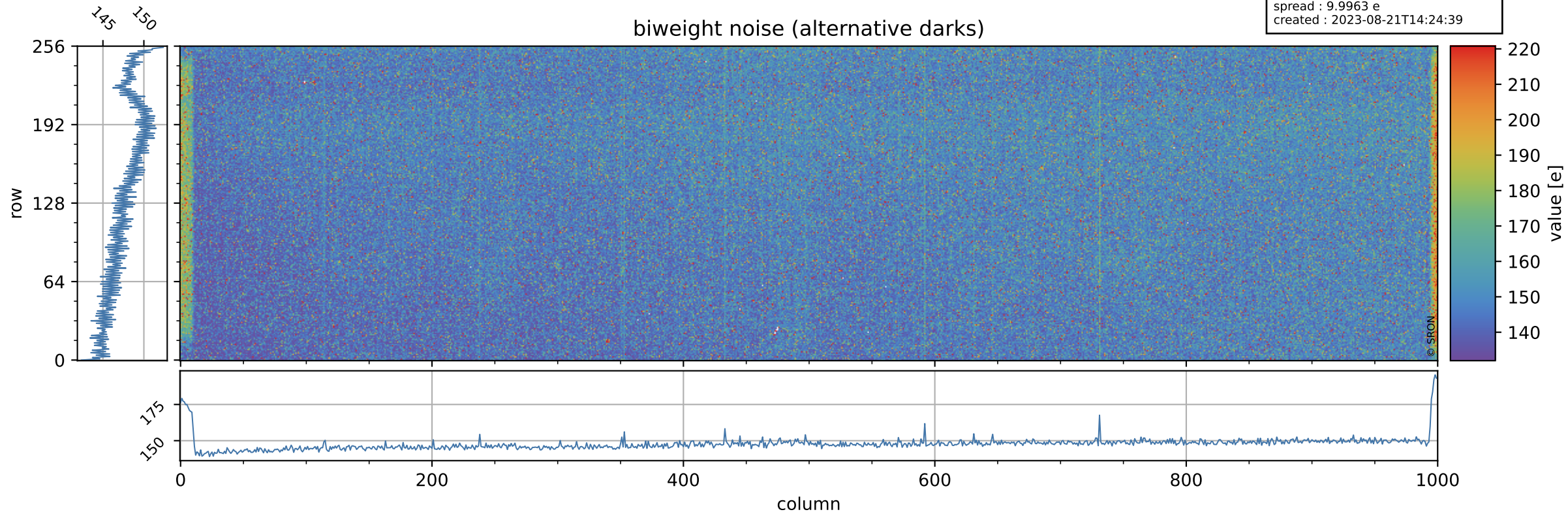
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.54 e  
spread : 9.9963 e  
created : 2023-08-21T14:24:39

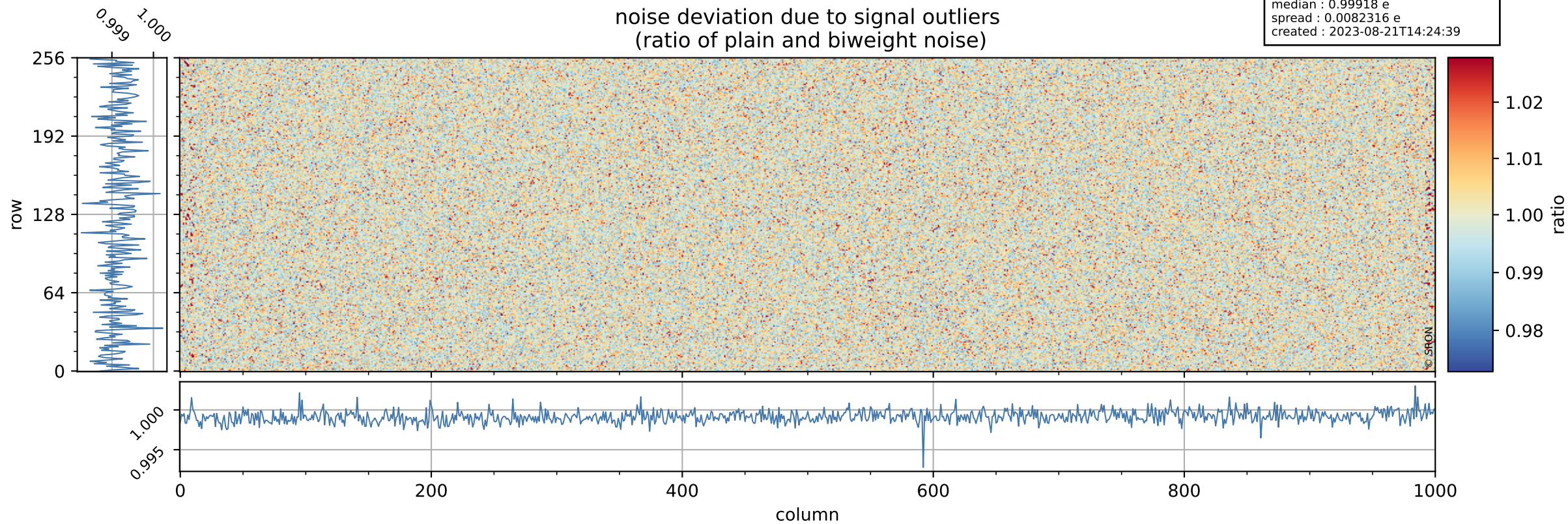
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

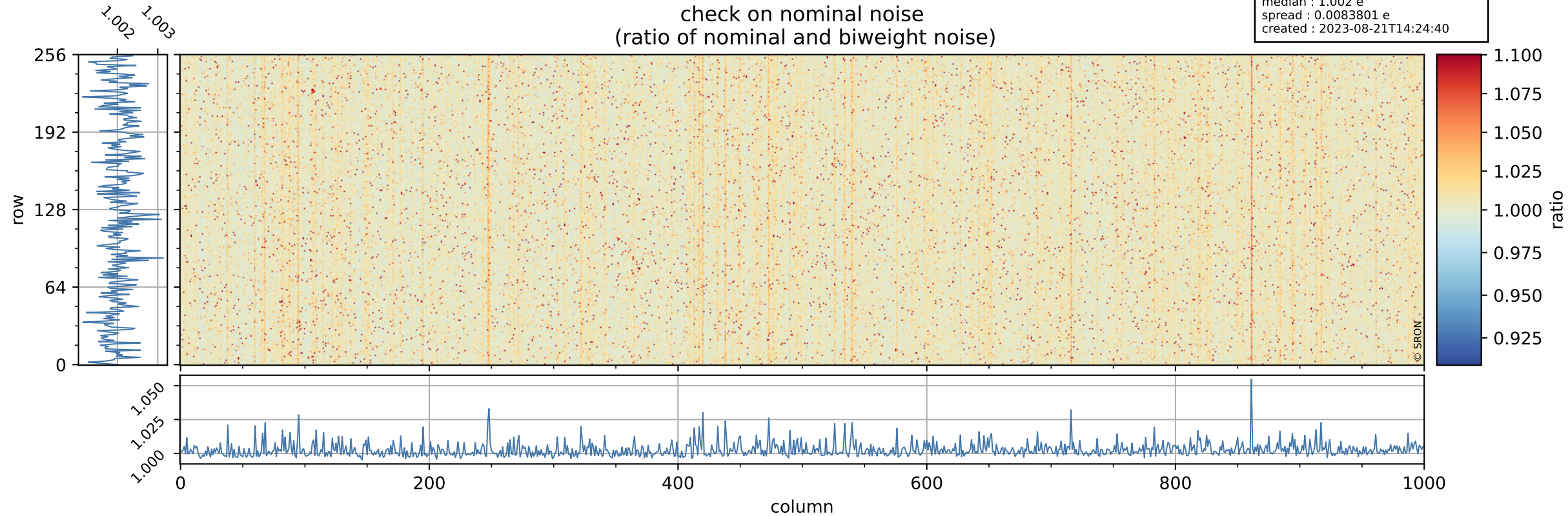
orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
median : 0.99918 e  
spread : 0.0082316 e  
created : 2023-08-21T14:24:39



# Tropomi SWIR background noise (swir)

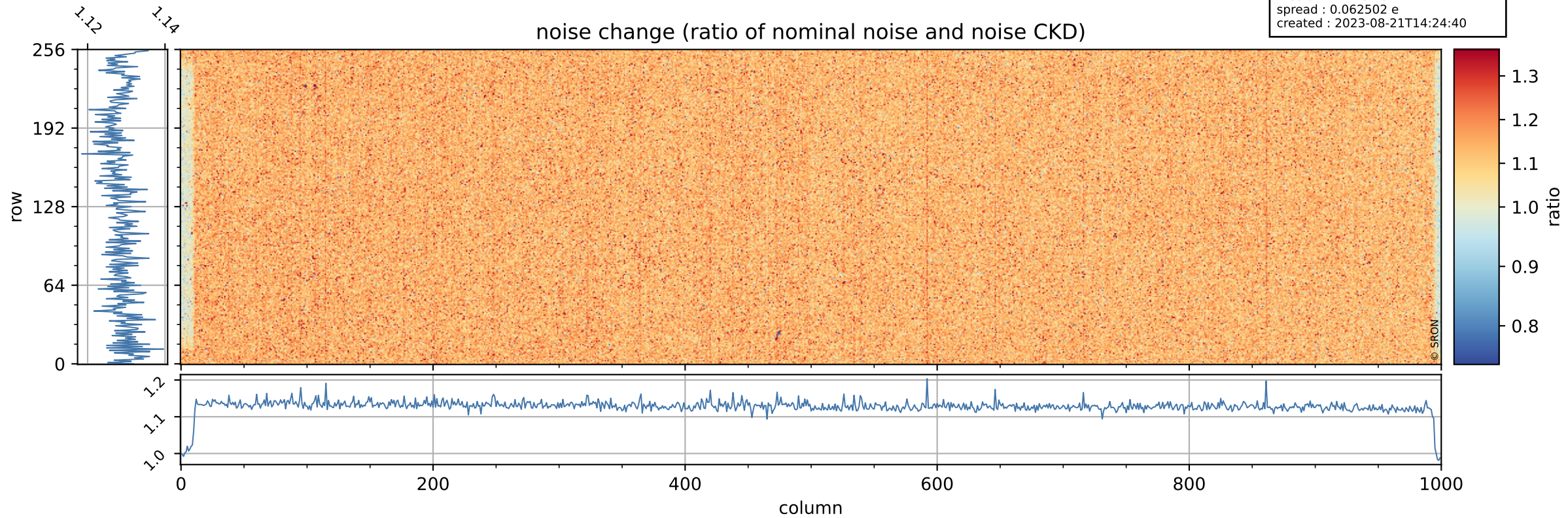
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
median : 1.002 e  
spread : 0.0083801 e  
created : 2023-08-21T14:24:40



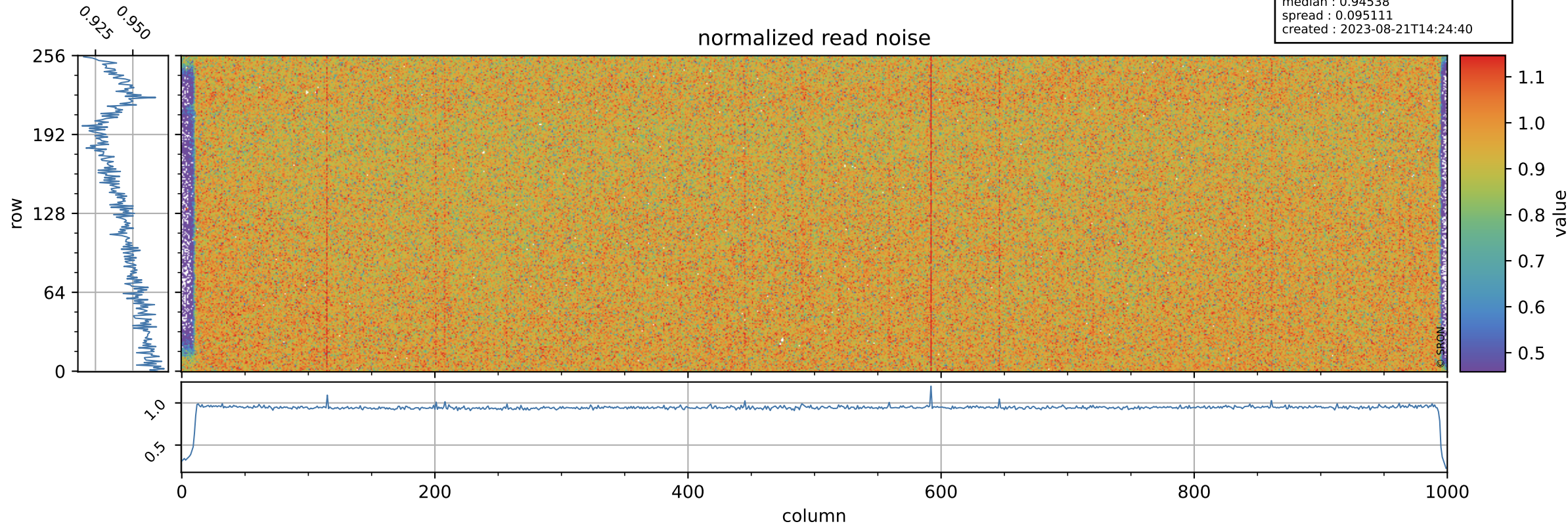
# Tropomi SWIR background noise (swir)

orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
median : 1.1282 e  
spread : 0.062502 e  
created : 2023-08-21T14:24:40



# Tropomi SWIR background noise (swir)

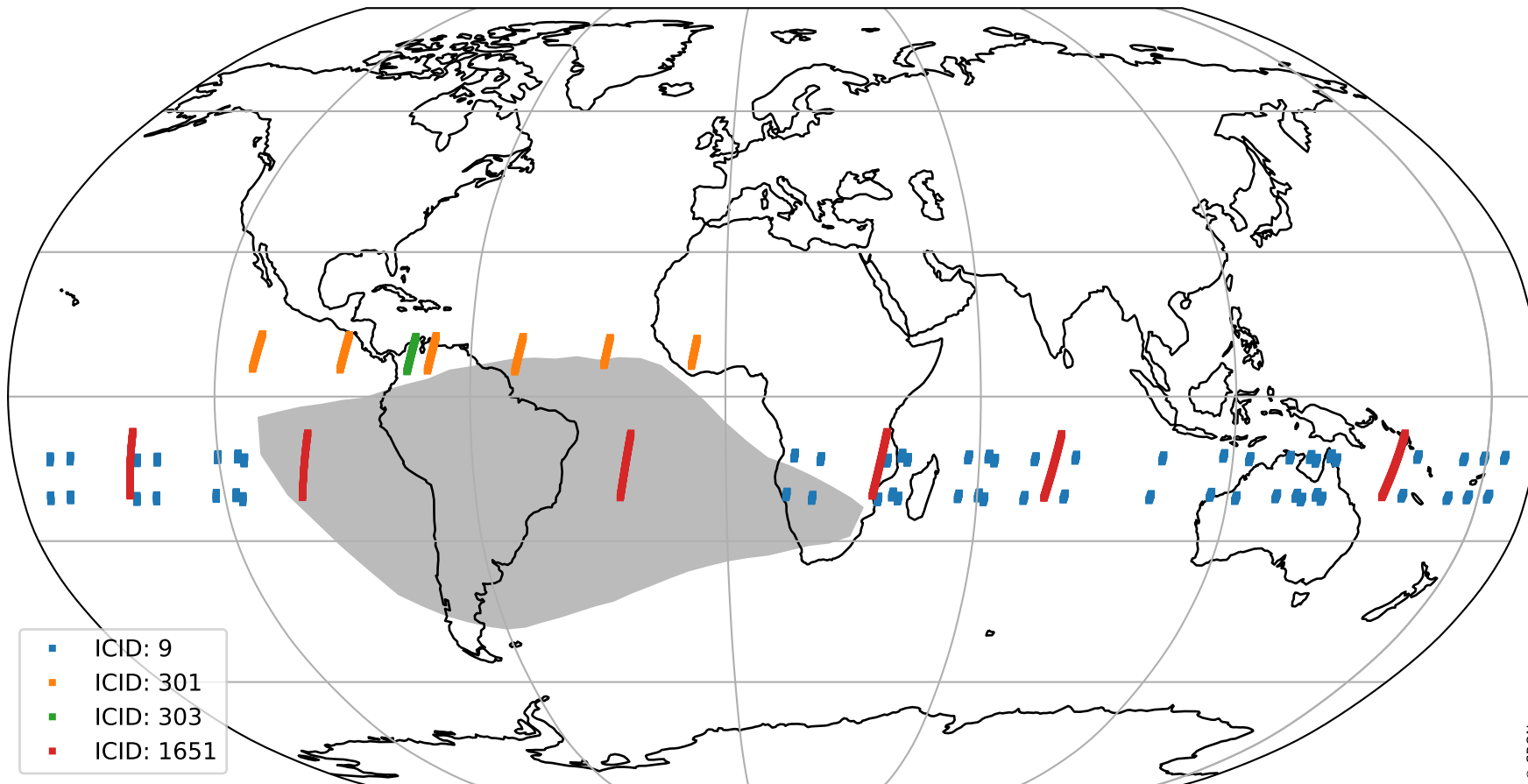
orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
median : 0.94538  
spread : 0.095111  
created : 2023-08-21T14:24:40





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

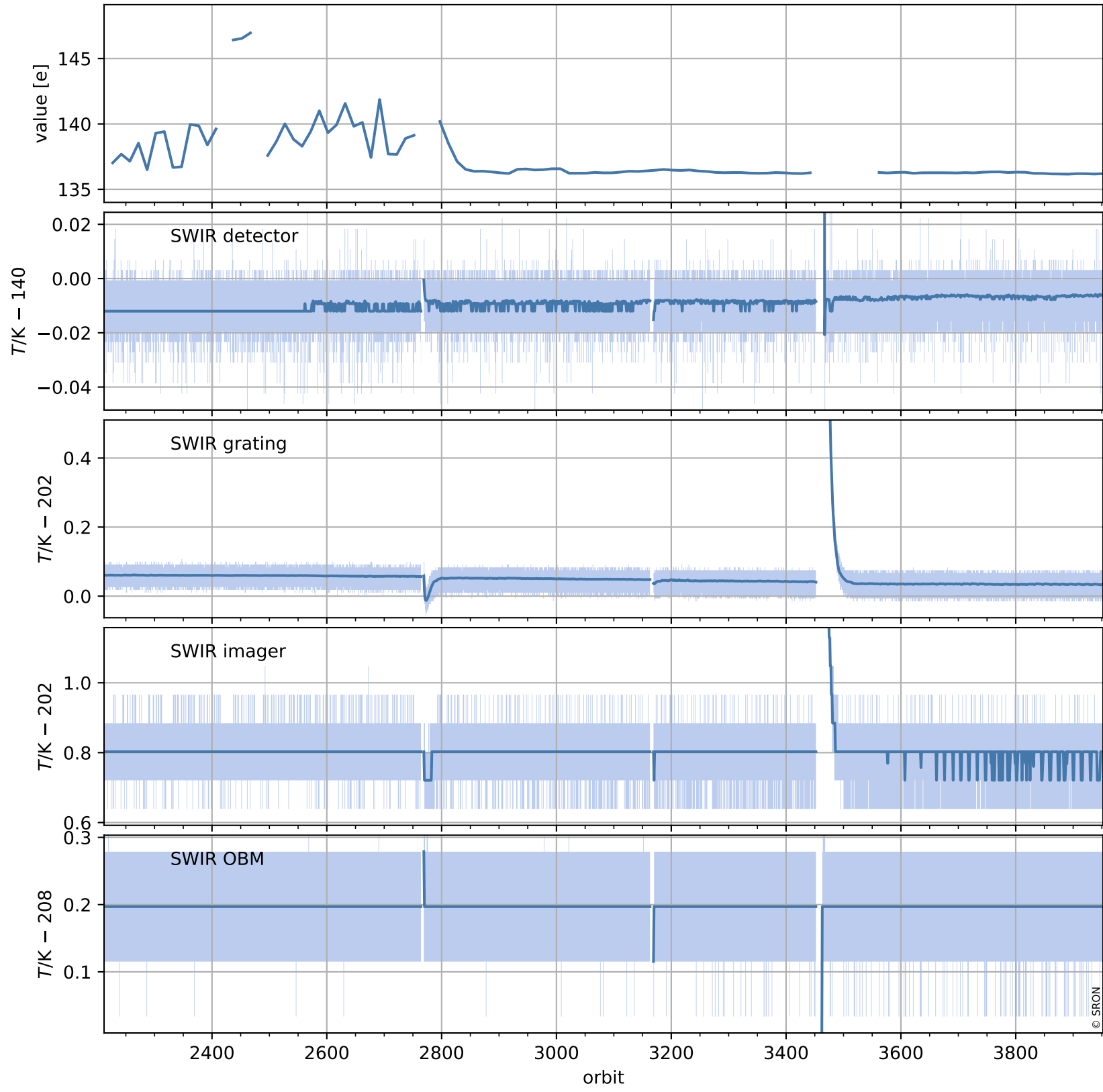
orbits : 13 in [3862, 3952]  
coverage : 2018-07-13 / 2018-07-18  
created : 2023-08-21T14:24:41



# Tropomi SWIR background noise (swir)

orbits : [2212, 3952]  
coverage : 2018-03-18 / 2018-07-18  
created : 2023-08-21T14:24:41

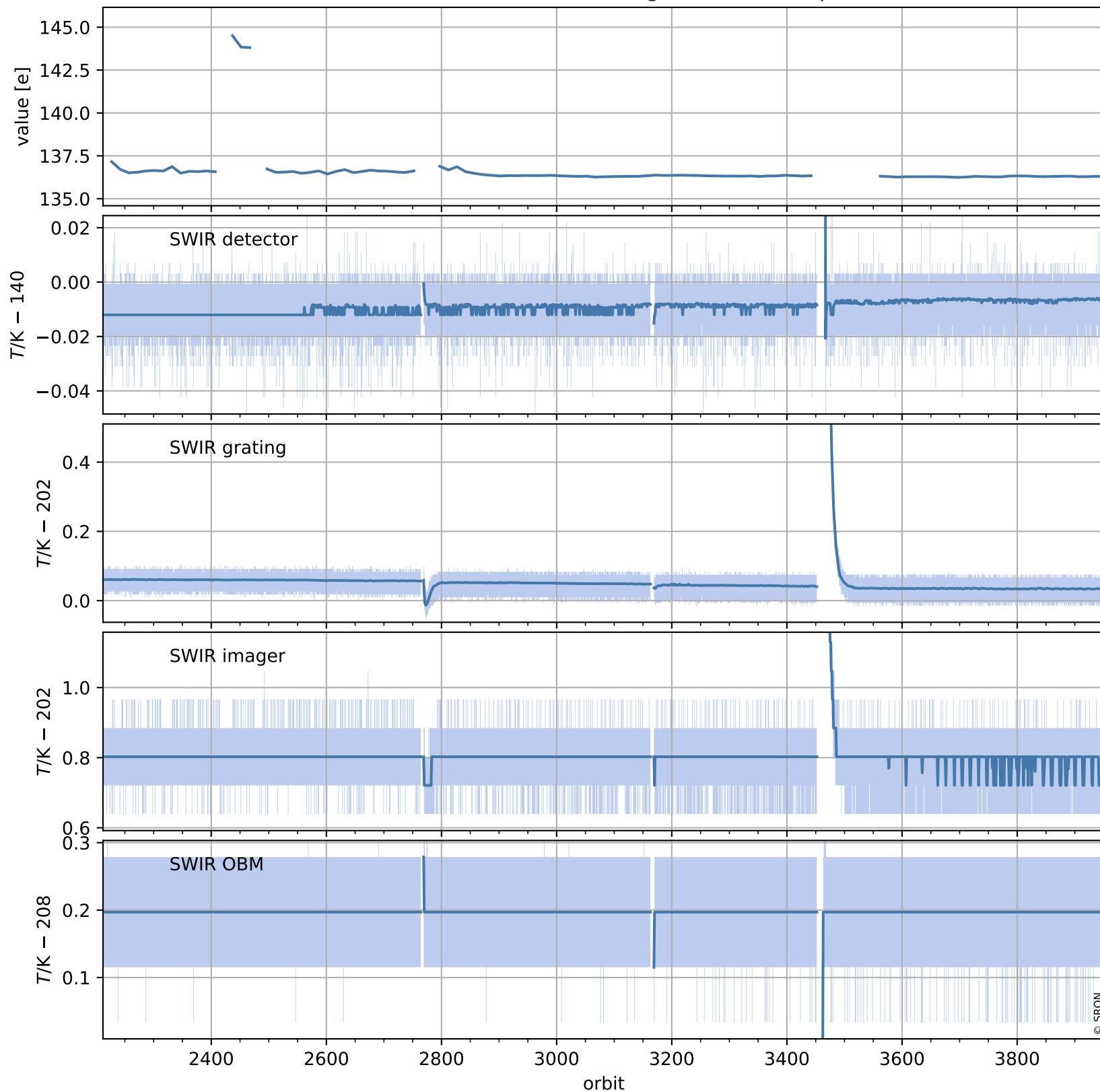
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3952]  
coverage : 2018-03-18 / 2018-07-18  
created : 2023-08-21T14:24:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3952]  
coverage : 2018-03-18 / 2018-07-18  
created : 2023-08-21T14:24:42

## trend of normalized read-noise & temperatures

