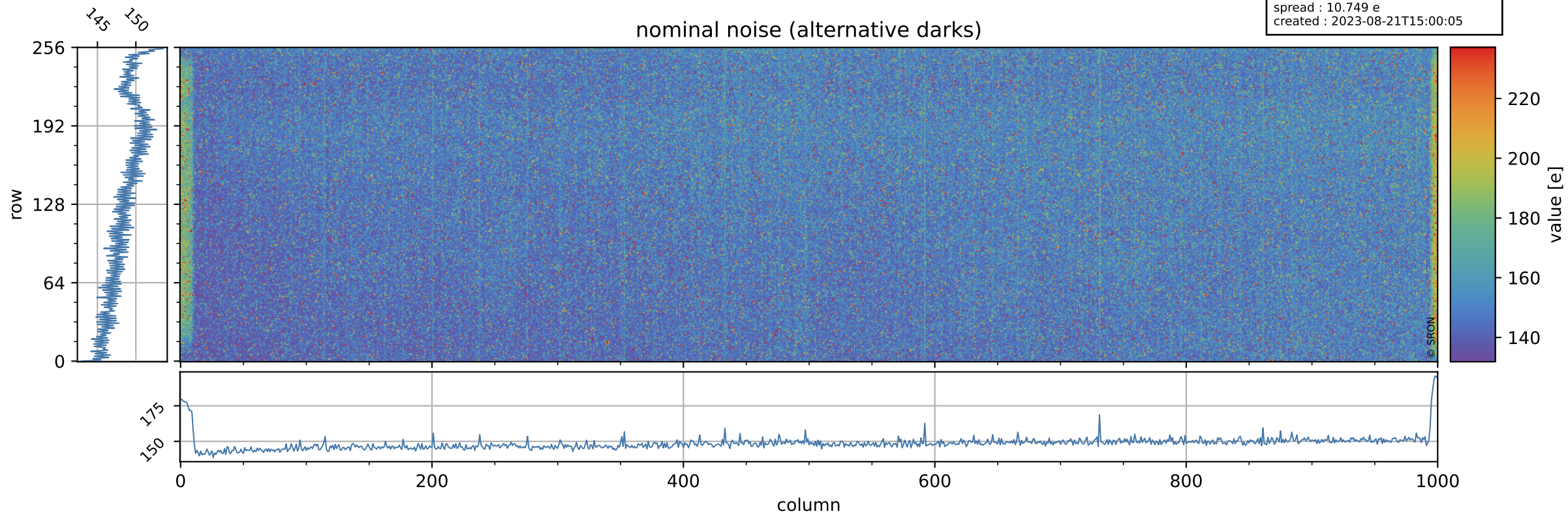


# Tropomi SWIR background noise (swir)

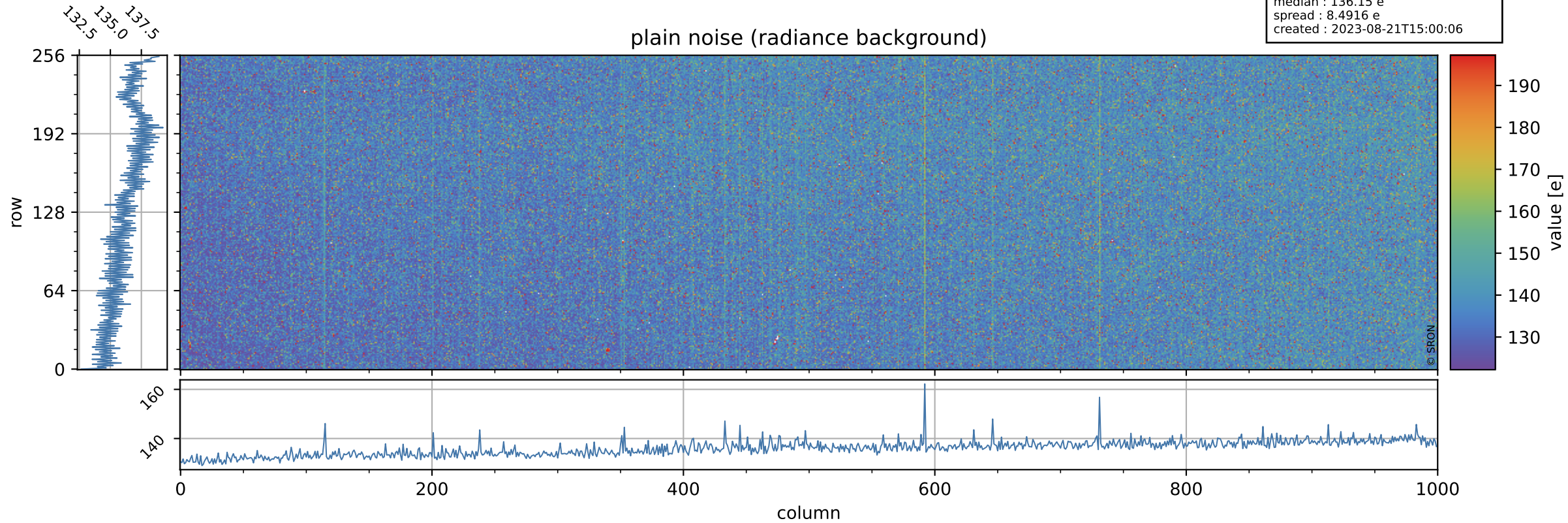
orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.42 e  
spread : 10.749 e  
created : 2023-08-21T15:00:05



# Tropomi SWIR background noise (swir)

orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
n\_coad, t\_exp : 2, 0.5383  
median : 136.15 e  
spread : 8.4916 e  
created : 2023-08-21T15:00:06

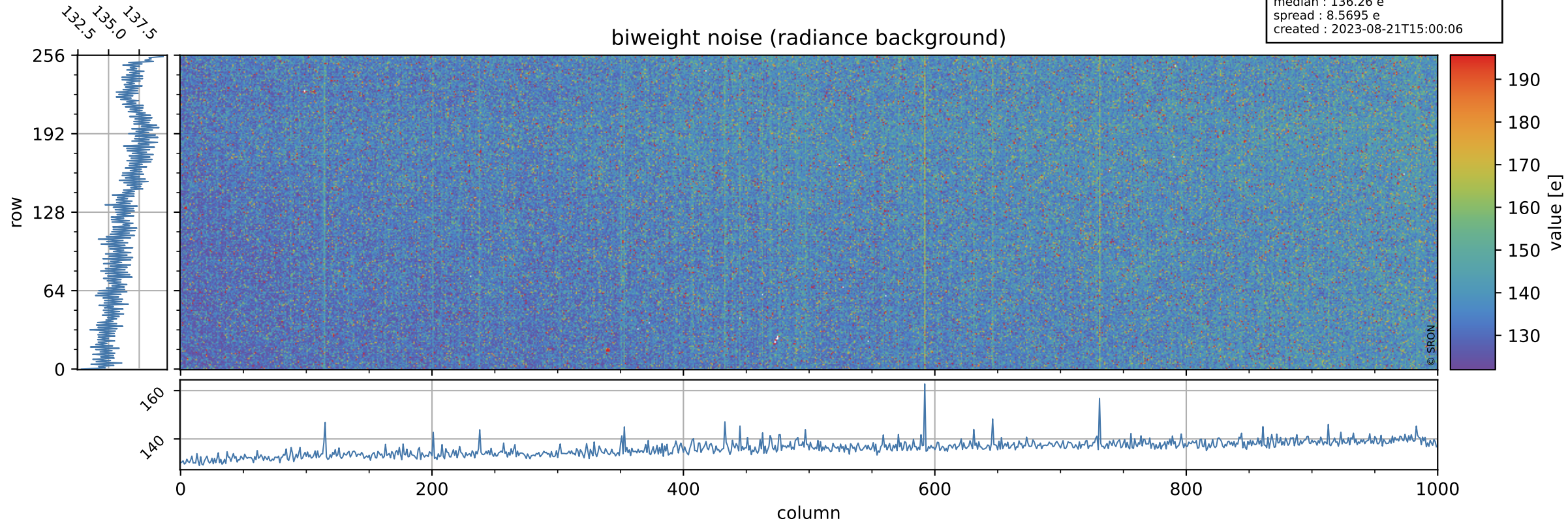
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
n\_coad, t\_exp : 2, 0.5383  
median : 136.26 e  
spread : 8.5695 e  
created : 2023-08-21T15:00:06

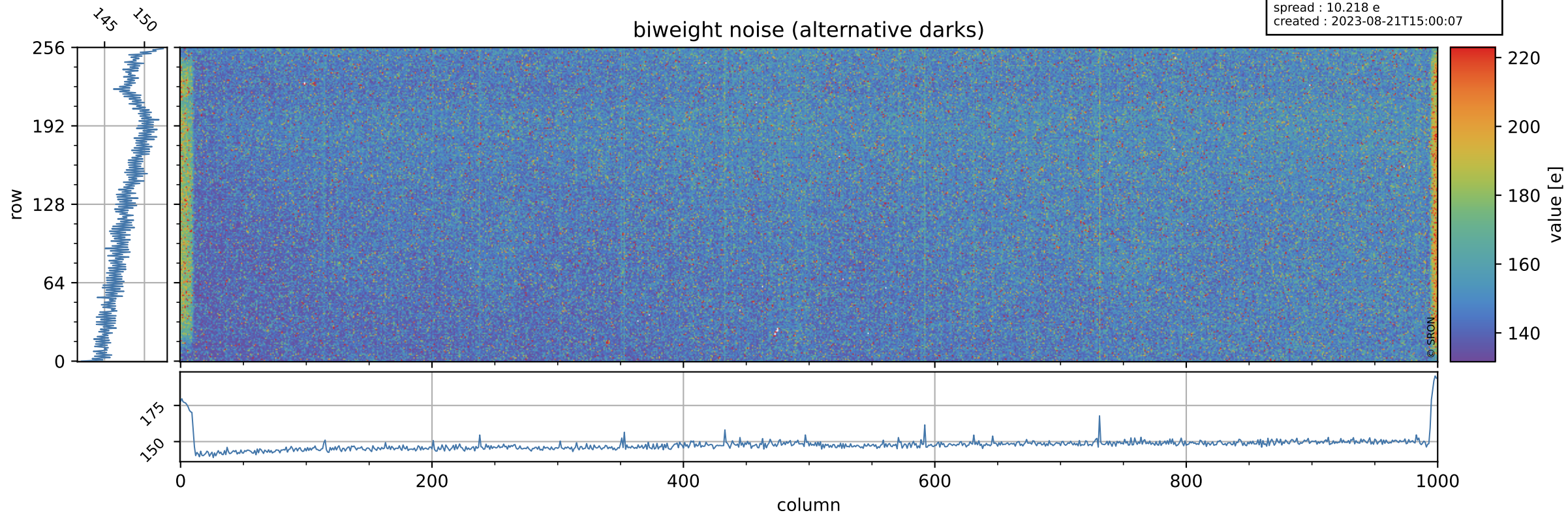
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.218 e  
created : 2023-08-21T15:00:07

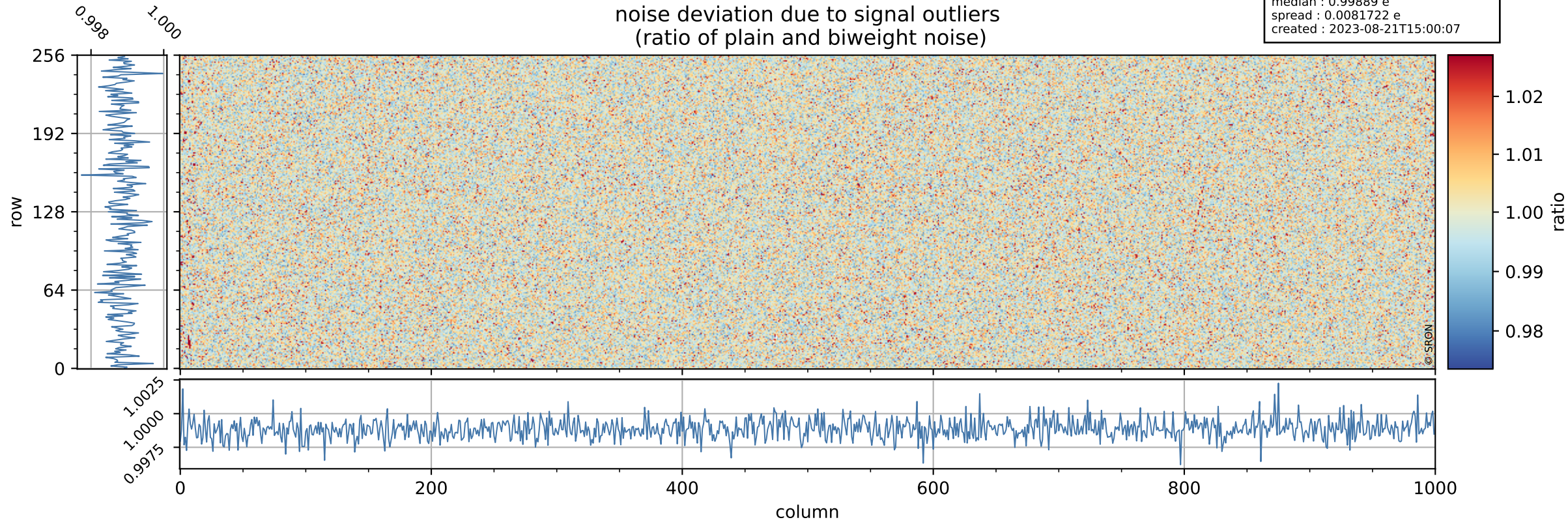
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

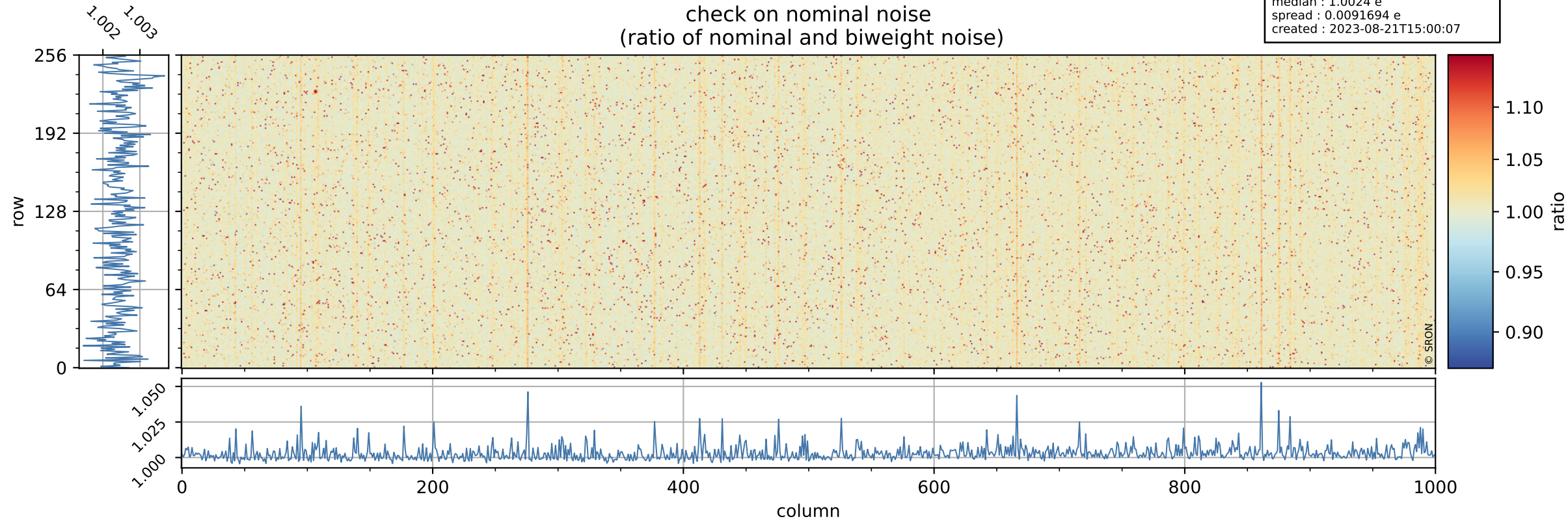
orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
median : 0.99889 e  
spread : 0.0081722 e  
created : 2023-08-21T15:00:07



# Tropomi SWIR background noise (swir)

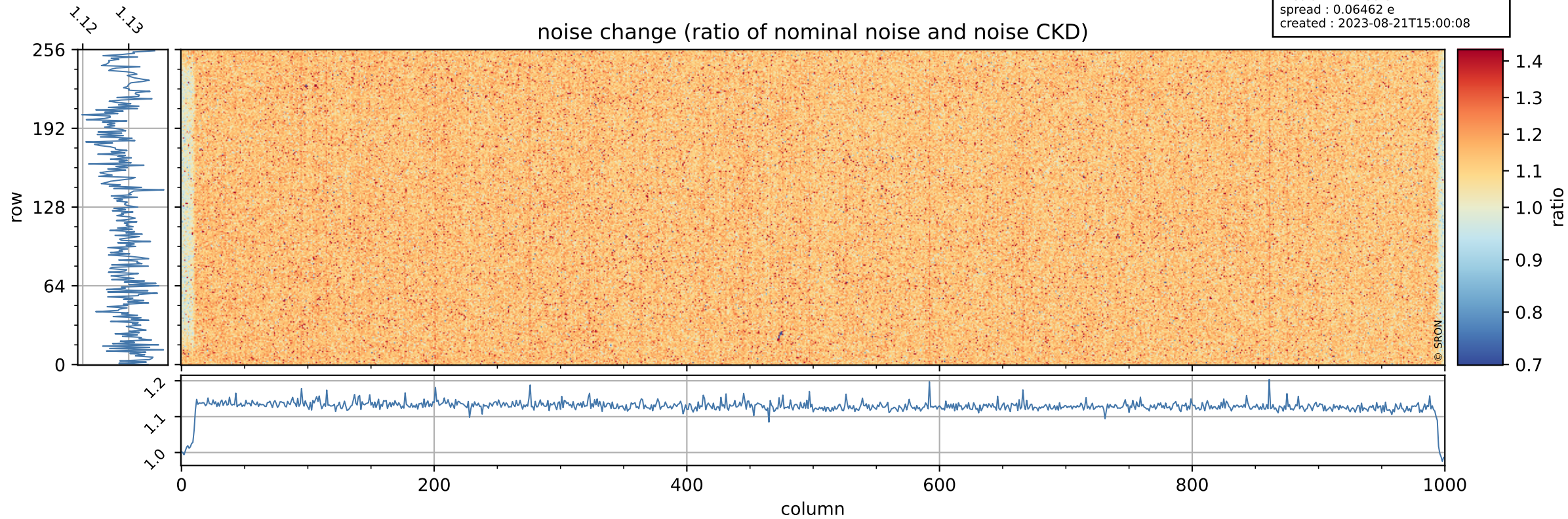
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
median : 1.0024 e  
spread : 0.0091694 e  
created : 2023-08-21T15:00:07



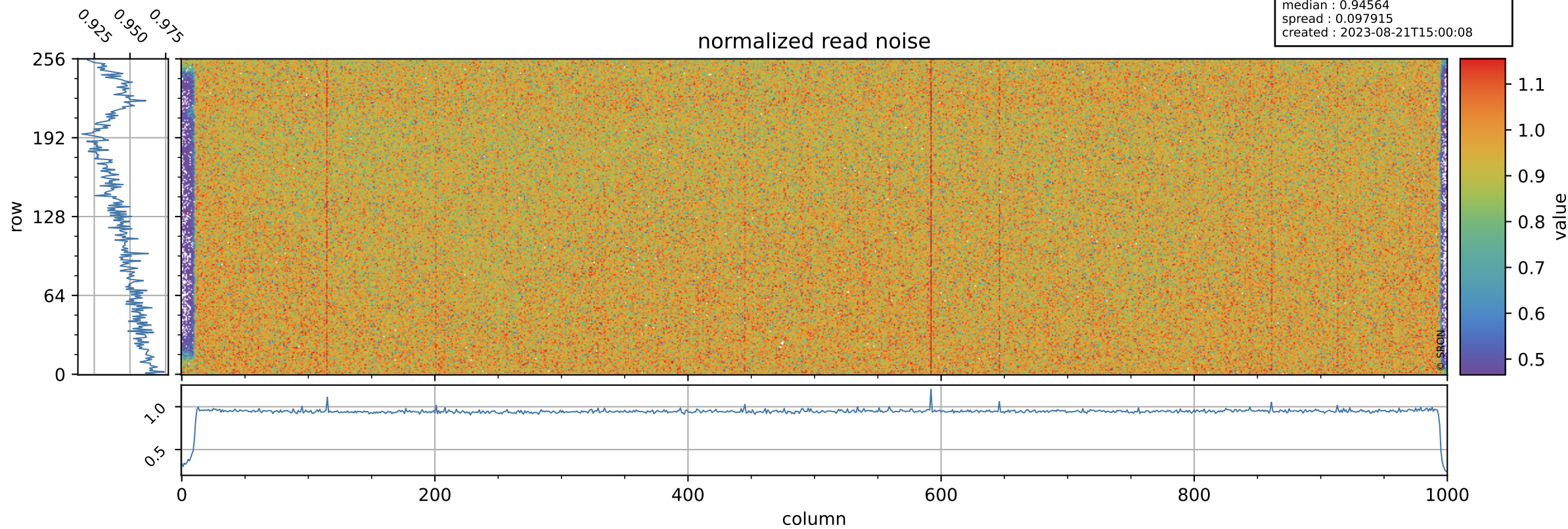
# Tropomi SWIR background noise (swir)

orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
median : 1.1286 e  
spread : 0.06462 e  
created : 2023-08-21T15:00:08



# Tropomi SWIR background noise (swir)

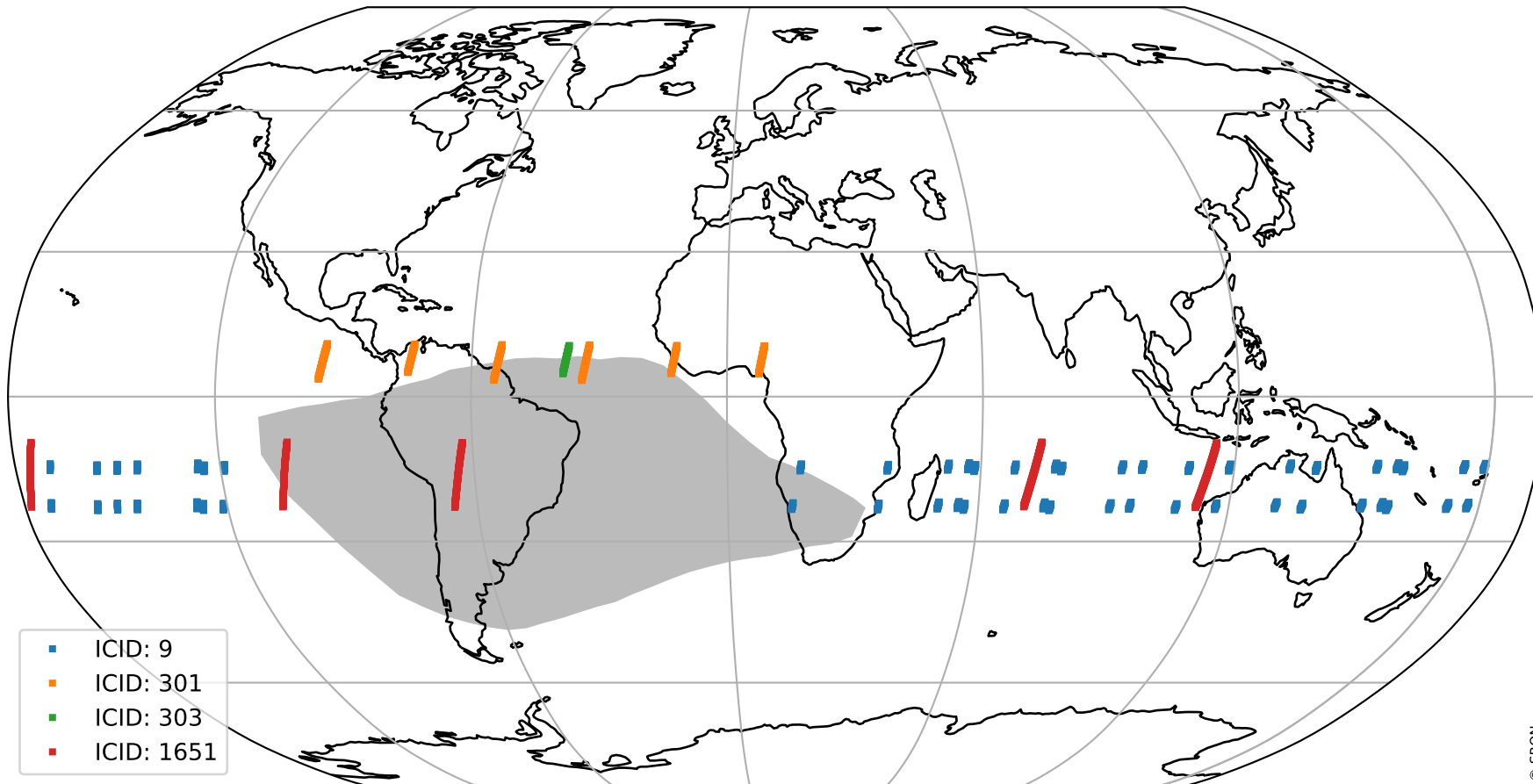
orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
median : 0.94564  
spread : 0.097915  
created : 2023-08-21T15:00:08





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

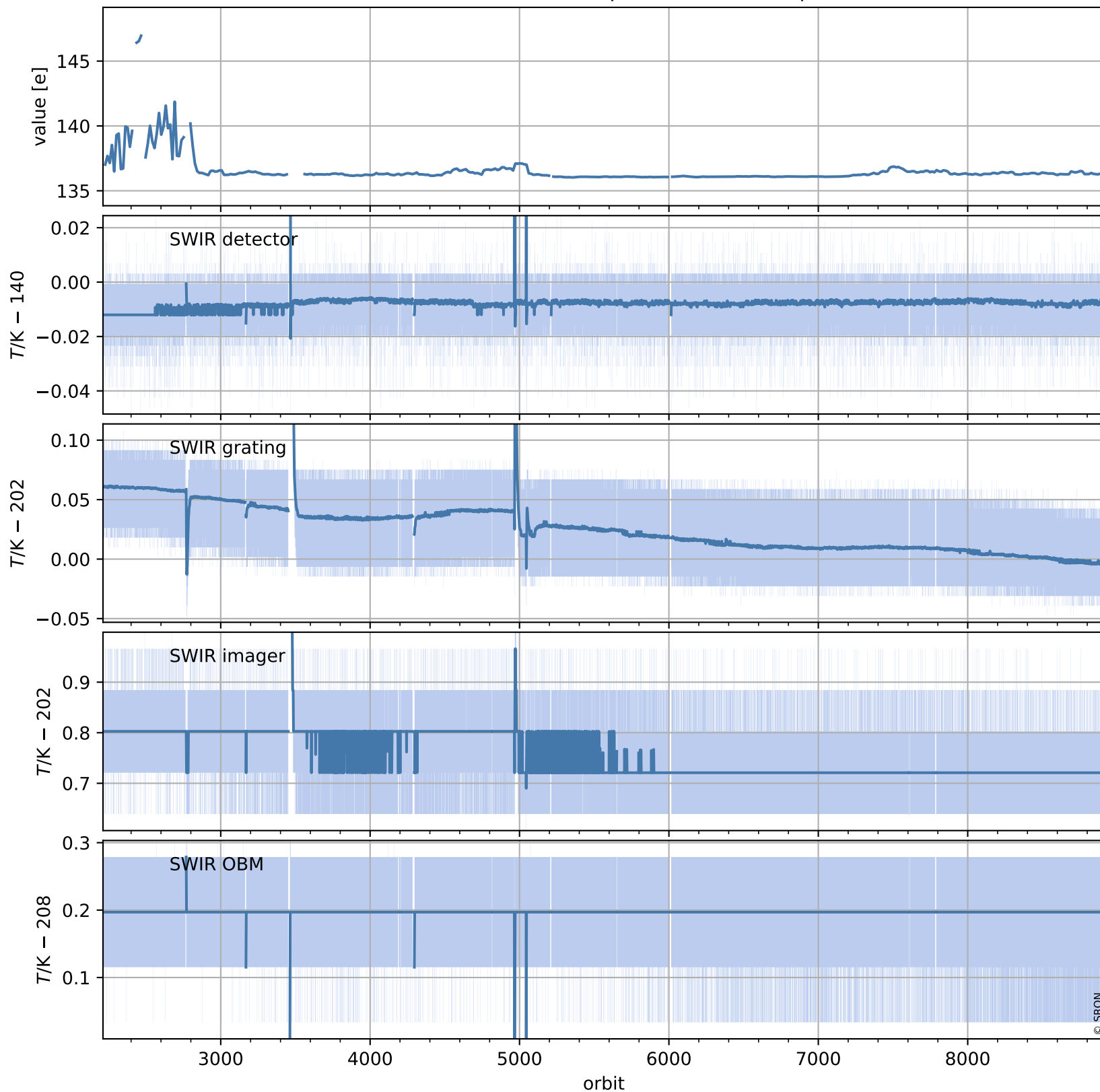
orbits : 12 in [8842, 8917]  
coverage : 2019-06-27 / 2019-07-03  
created : 2023-08-21T15:00:09



# Tropomi SWIR background noise (swir)

orbits : [2212, 8917]  
coverage : 2018-03-18 / 2019-07-03  
created : 2023-08-21T15:00:09

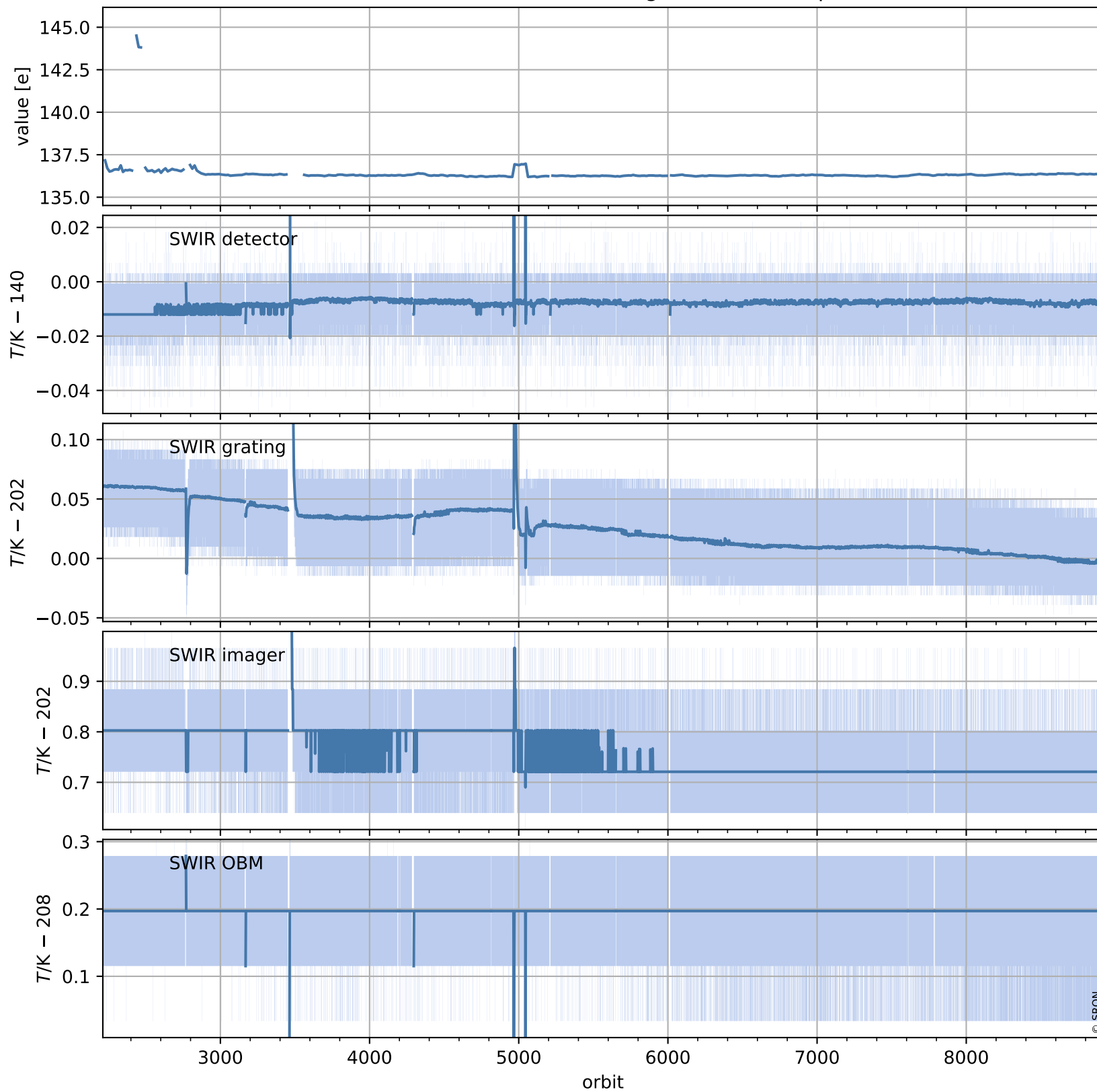
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8917]  
coverage : 2018-03-18 / 2019-07-03  
created : 2023-08-21T15:00:10

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8917]  
coverage : 2018-03-18 / 2019-07-03  
created : 2023-08-21T15:00:11

## trend of normalized read-noise & temperatures

