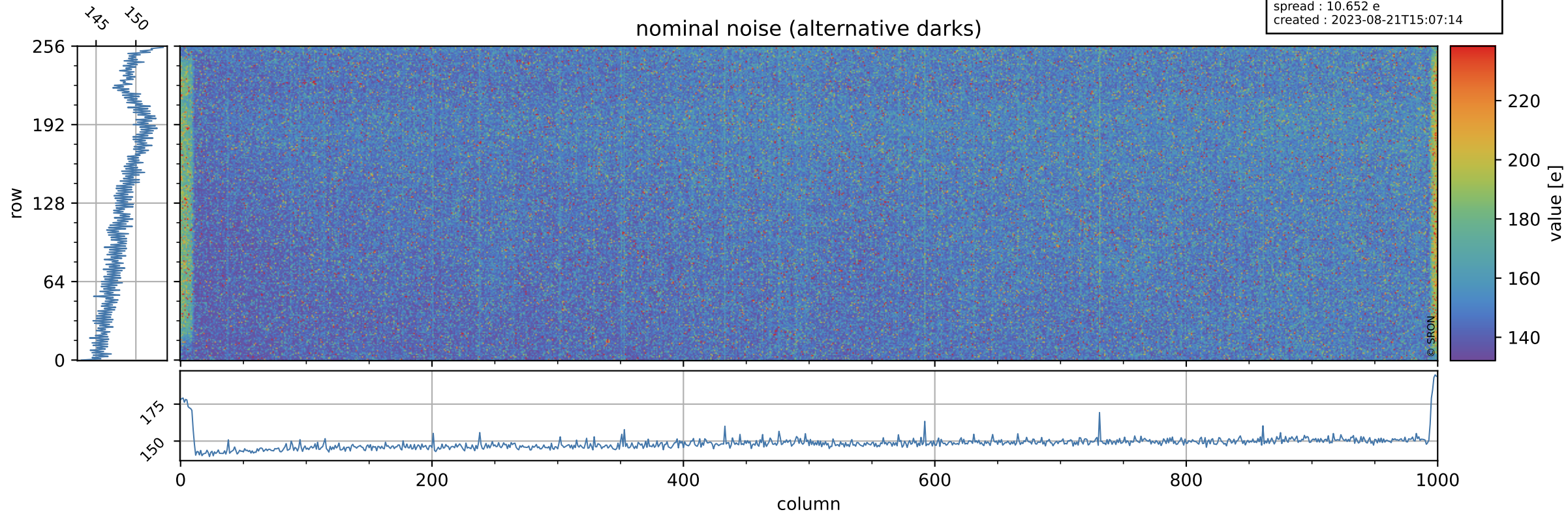


# Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.652 e  
created : 2023-08-21T15:07:14

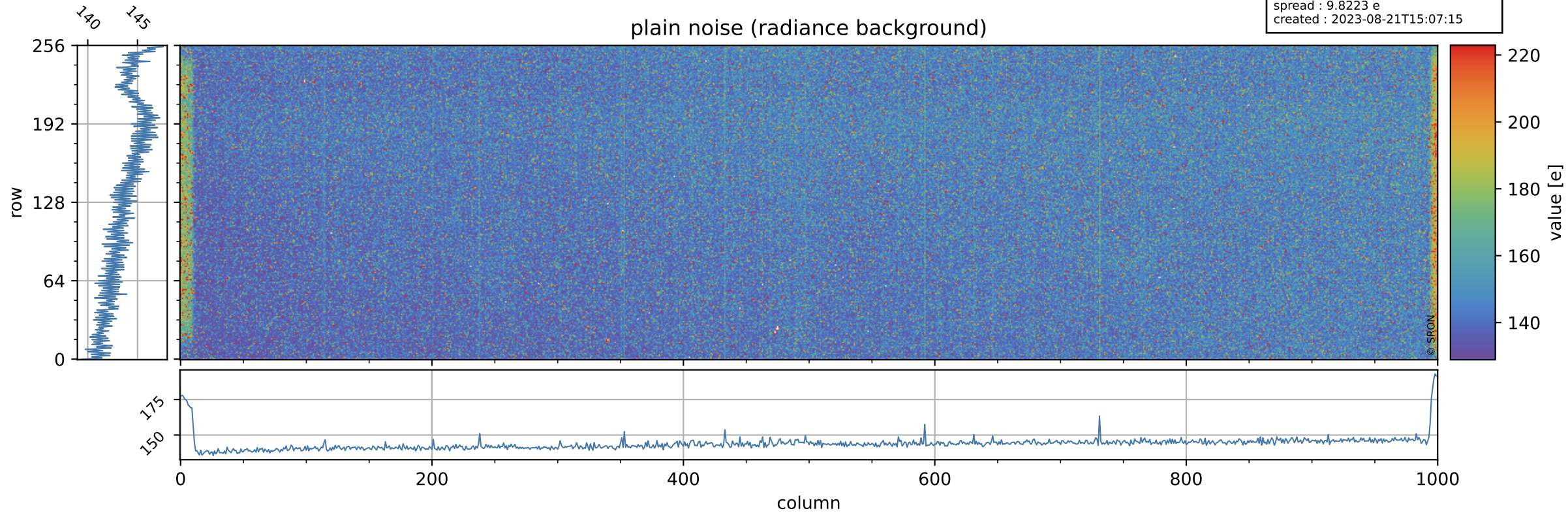
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.59 e  
spread : 9.8223 e  
created : 2023-08-21T15:07:15

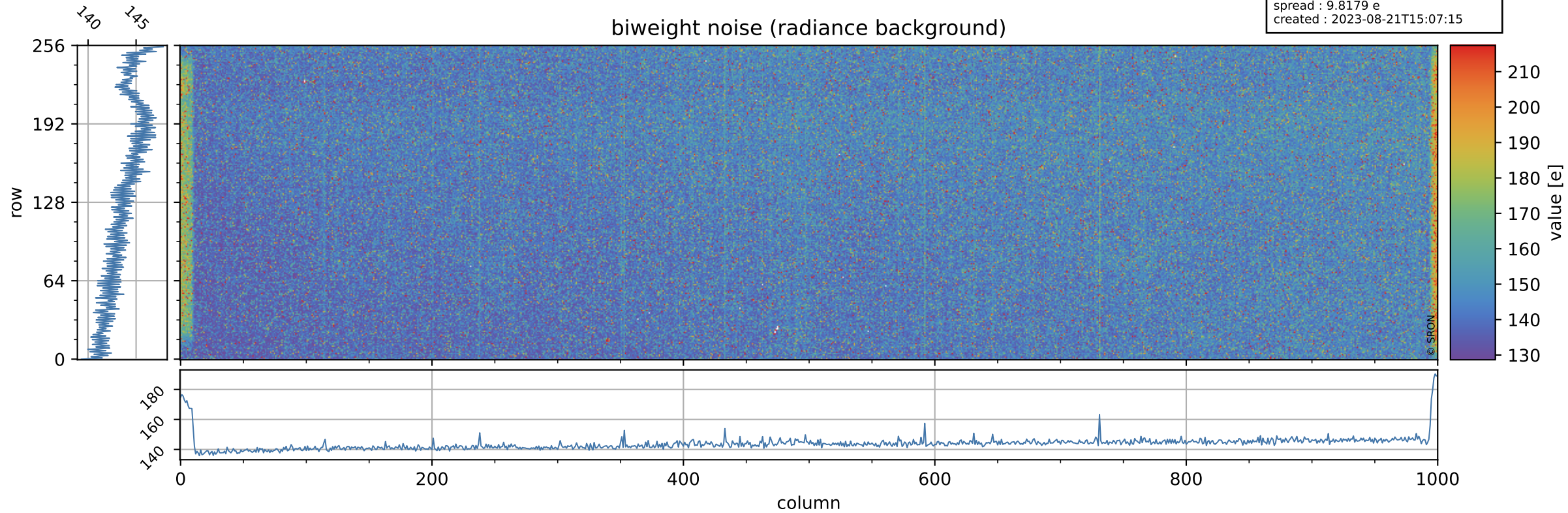
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.8179 e  
created : 2023-08-21T15:07:15

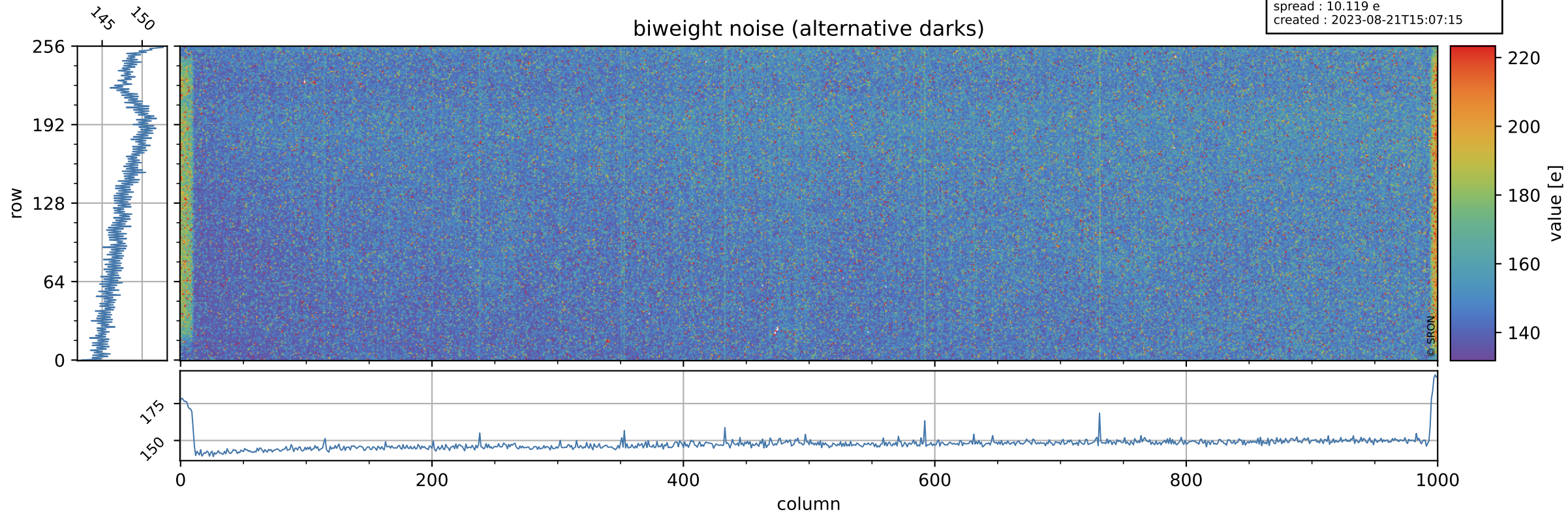
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 10.119 e  
created : 2023-08-21T15:07:15

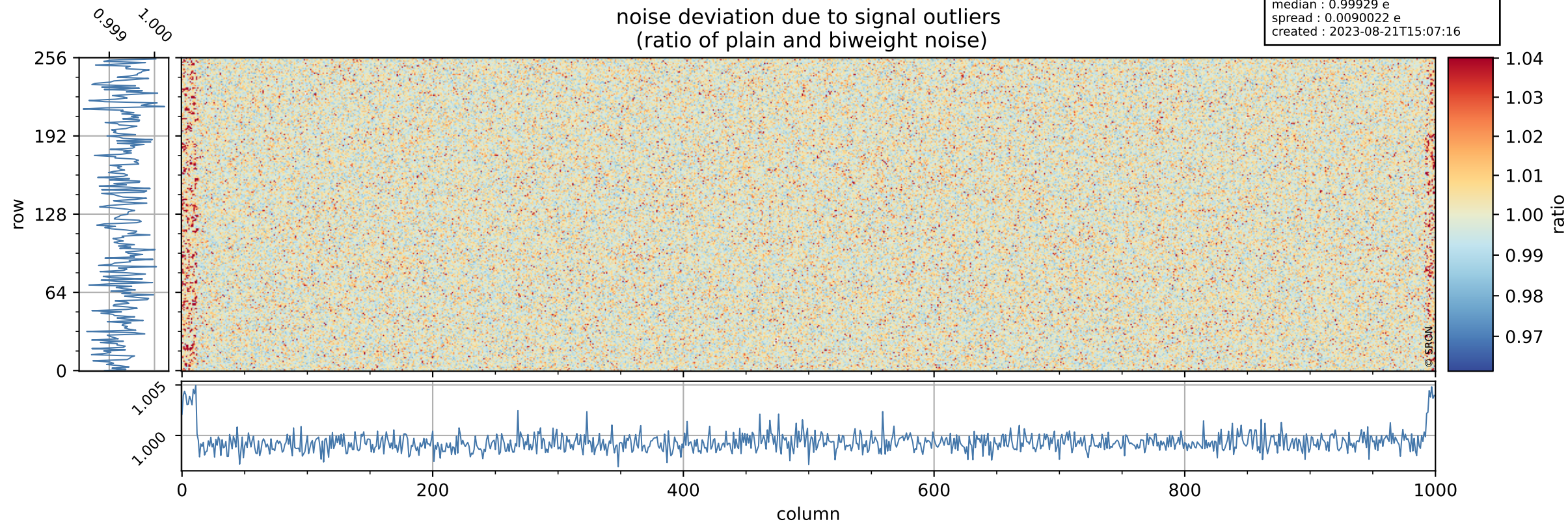
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

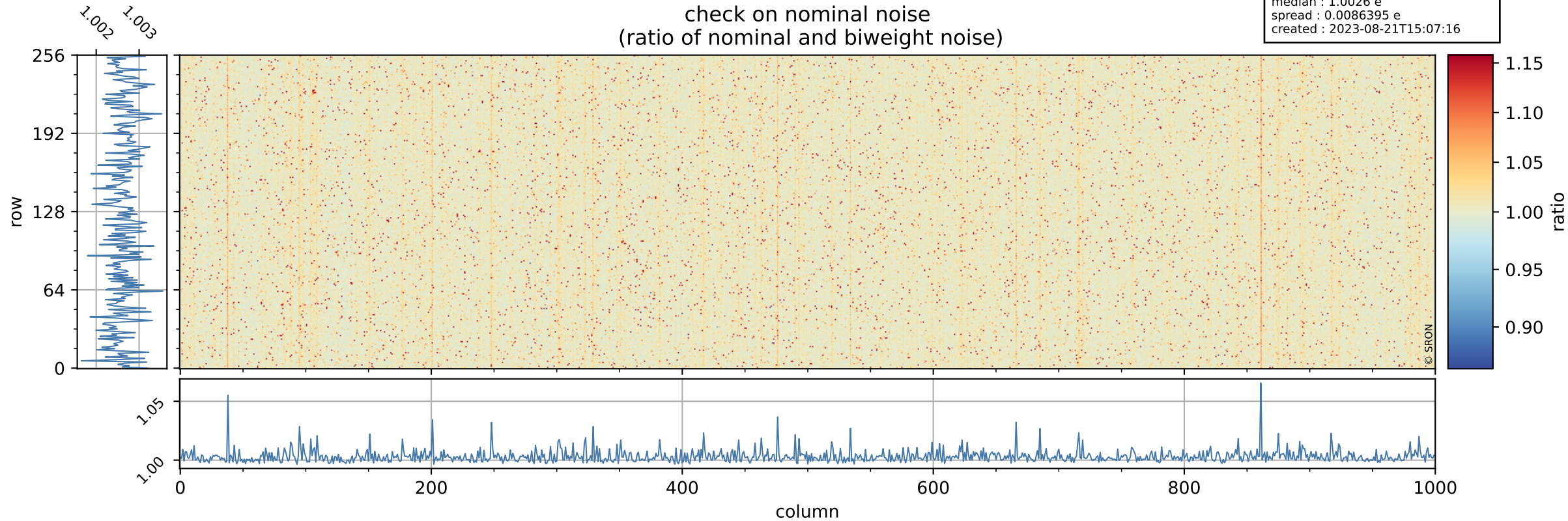
orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
median : 0.99929 e  
spread : 0.0090022 e  
created : 2023-08-21T15:07:16



# Tropomi SWIR background noise (swir)

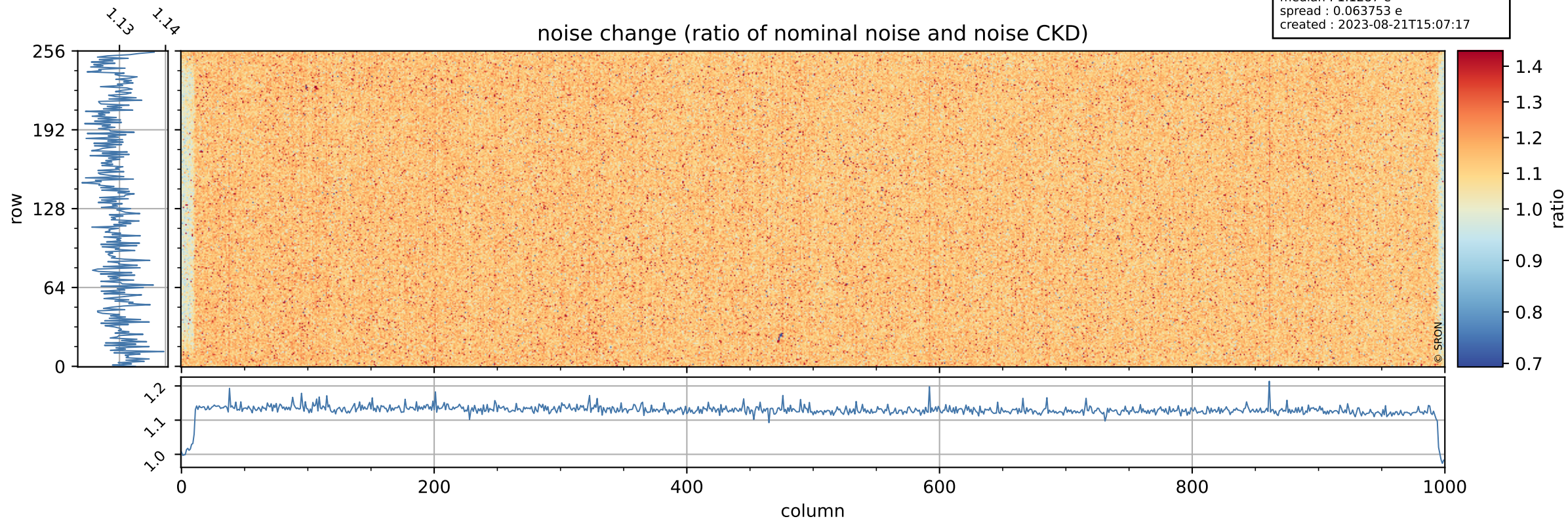
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
median : 1.0026 e  
spread : 0.0086395 e  
created : 2023-08-21T15:07:16



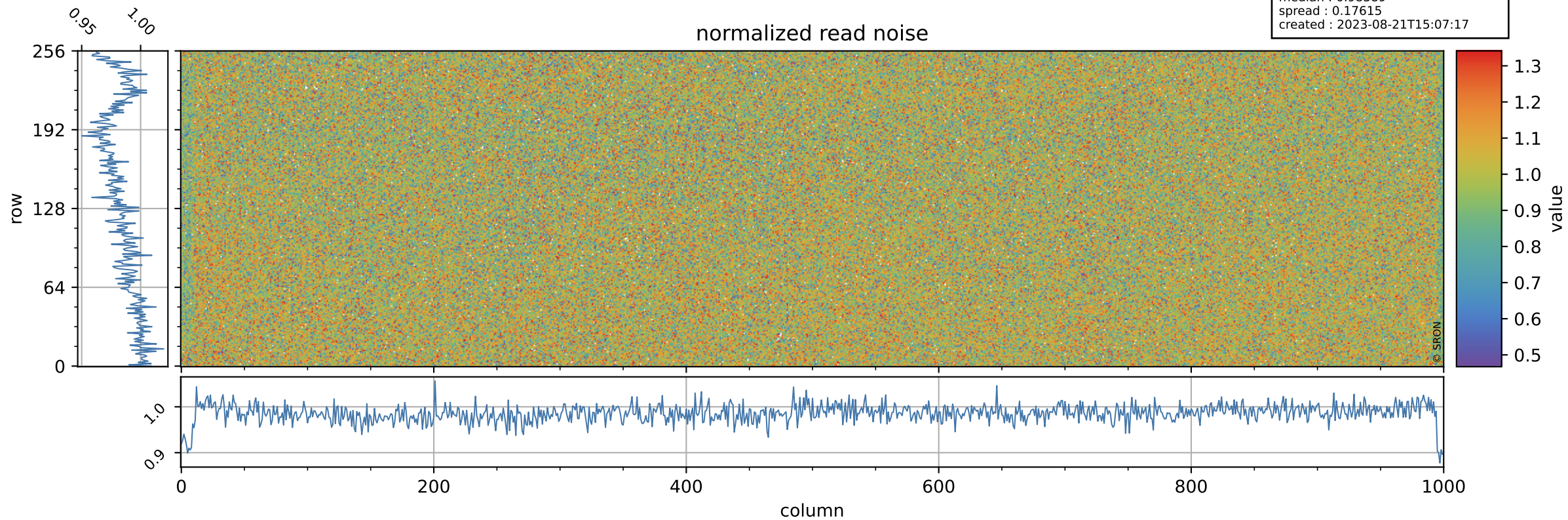
# Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
median : 1.1287 e  
spread : 0.063753 e  
created : 2023-08-21T15:07:17



# Tropomi SWIR background noise (swir)

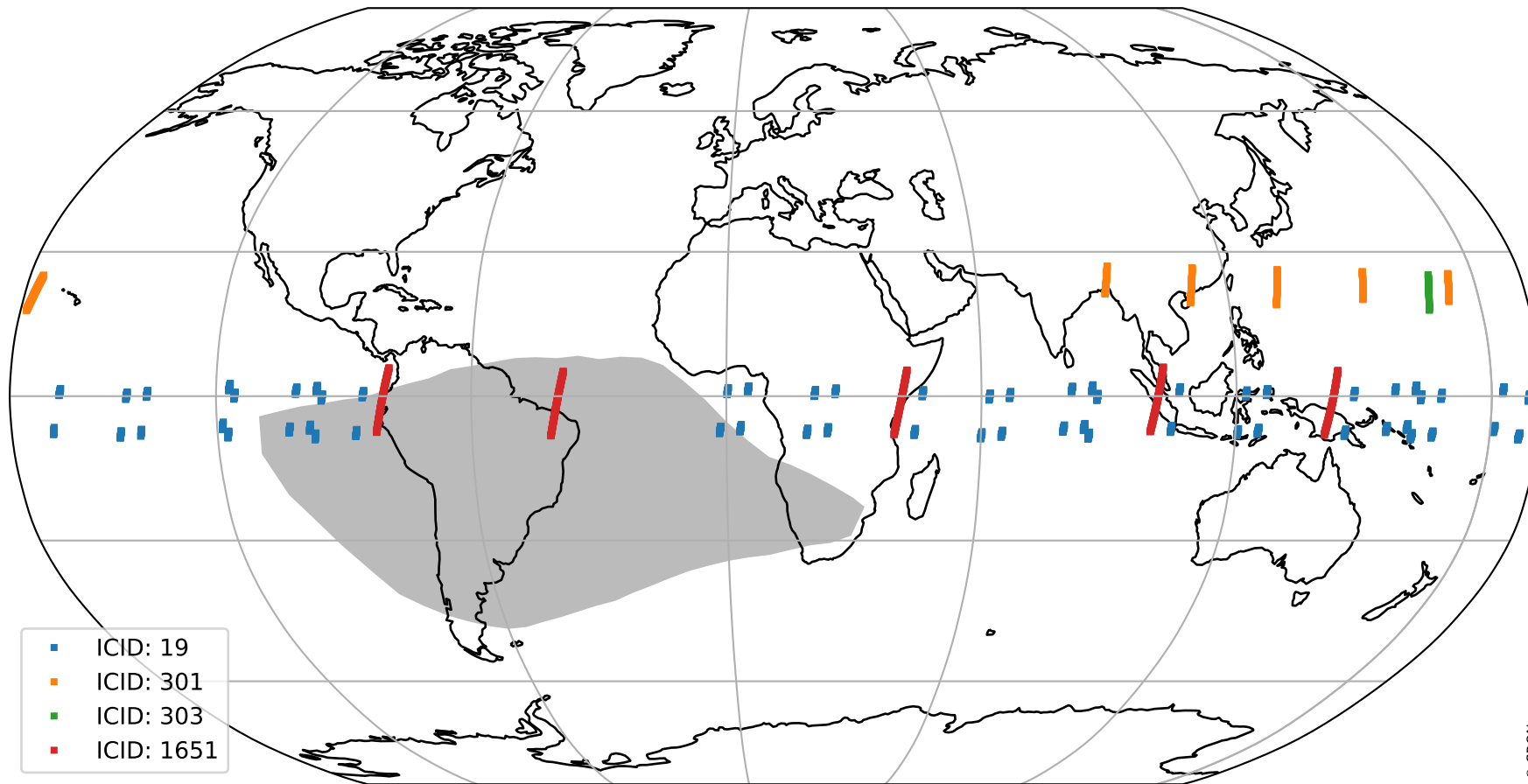
orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
median : 0.98389  
spread : 0.17615  
created : 2023-08-21T15:07:17





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

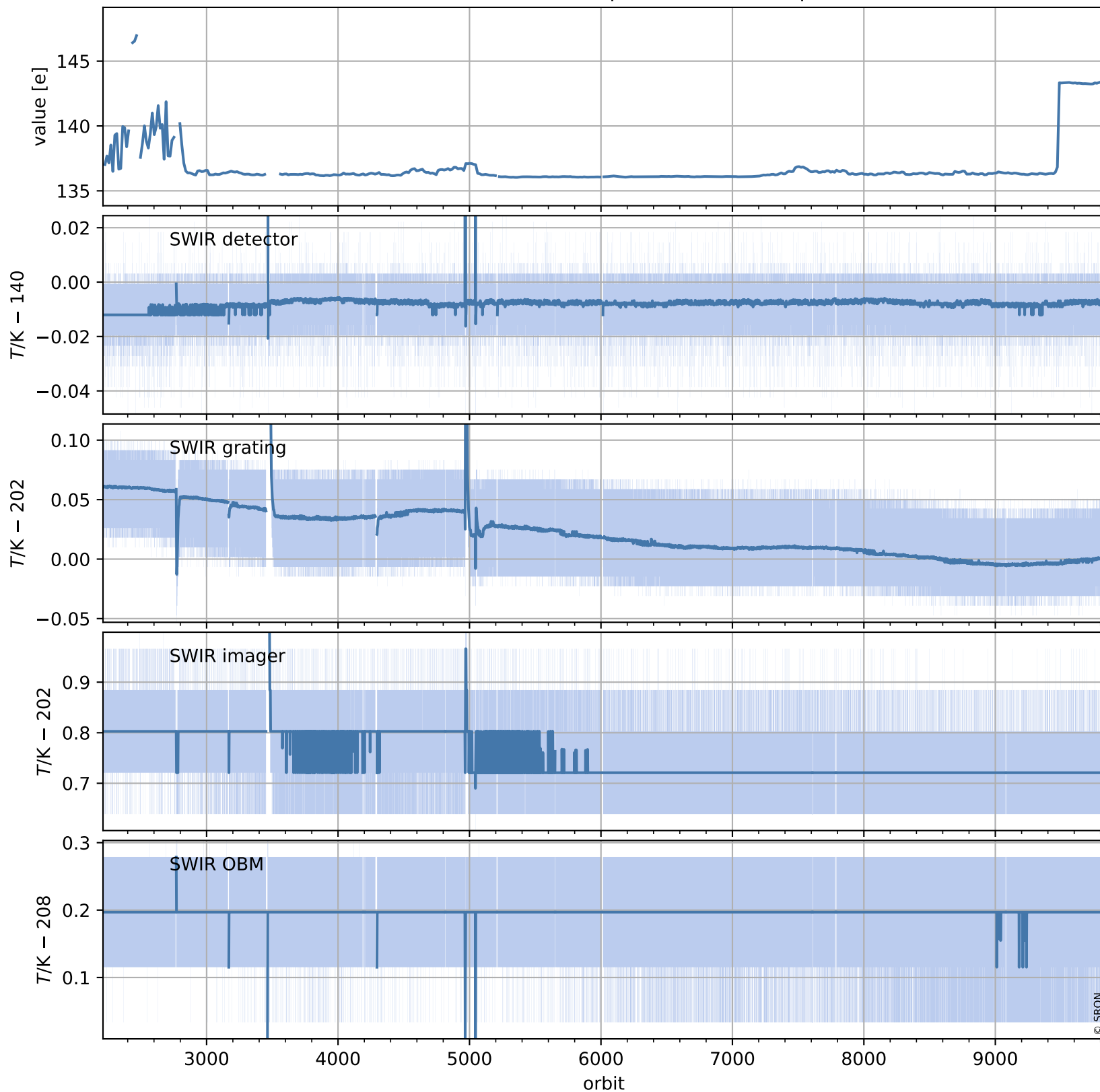
orbits : 12 in [9757, 9832]  
coverage : 2019-08-31 / 2019-09-05  
created : 2023-08-21T15:07:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 9832]  
coverage : 2018-03-18 / 2019-09-05  
created : 2023-08-21T15:07:18

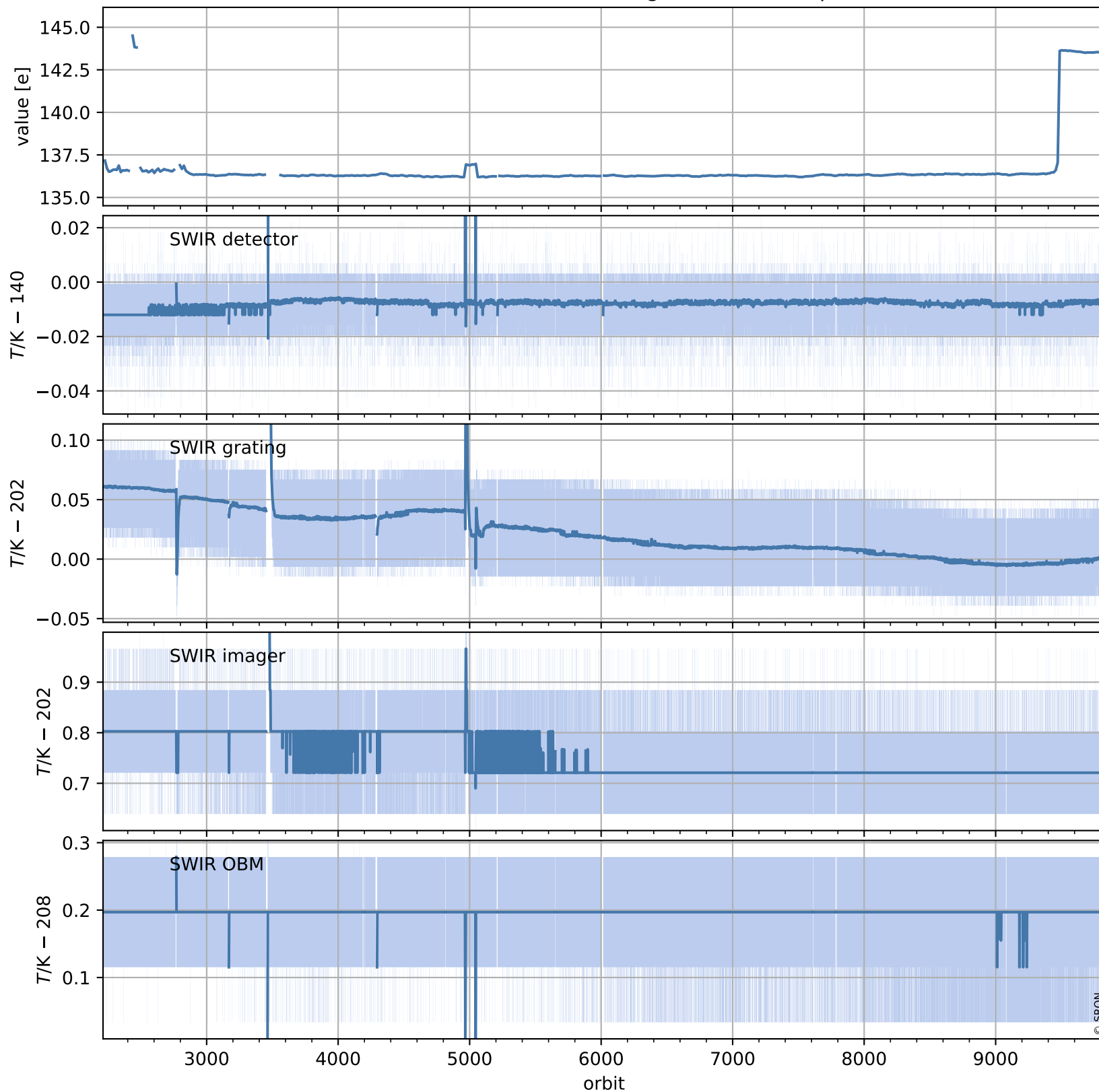
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9832]  
coverage : 2018-03-18 / 2019-09-05  
created : 2023-08-21T15:07:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9832]  
coverage : 2018-03-18 / 2019-09-05  
created : 2023-08-21T15:07:20

## trend of normalized read-noise & temperatures

