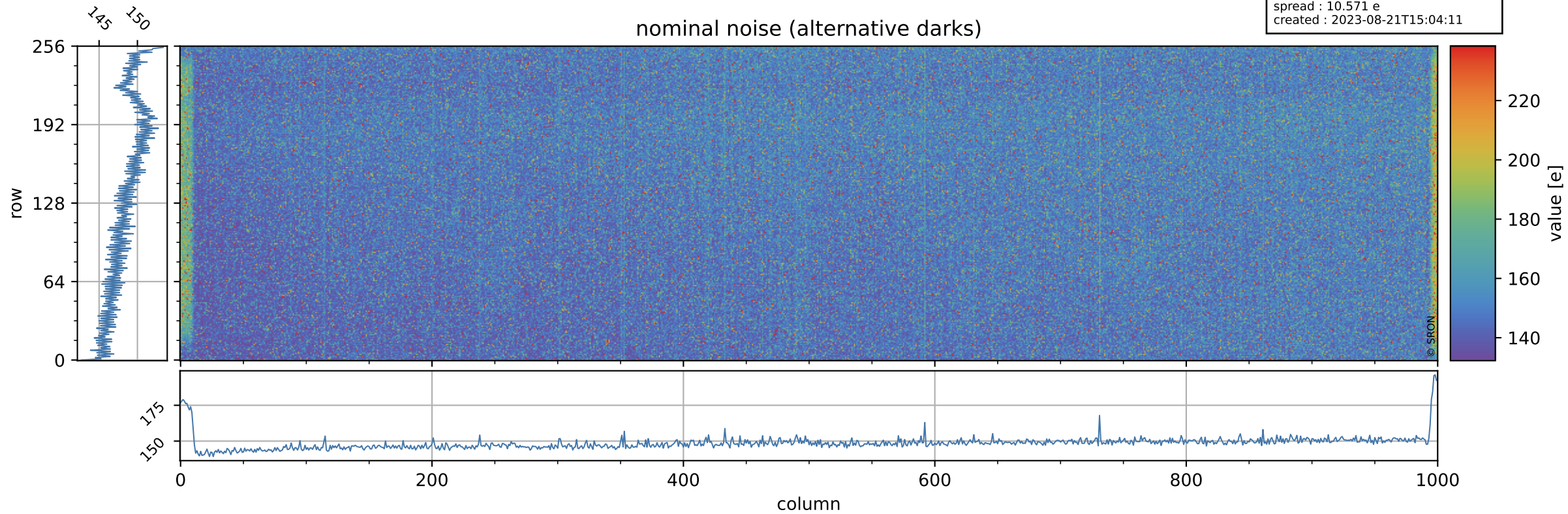


# Tropomi SWIR background noise (swir)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.571 e  
created : 2023-08-21T15:04:11

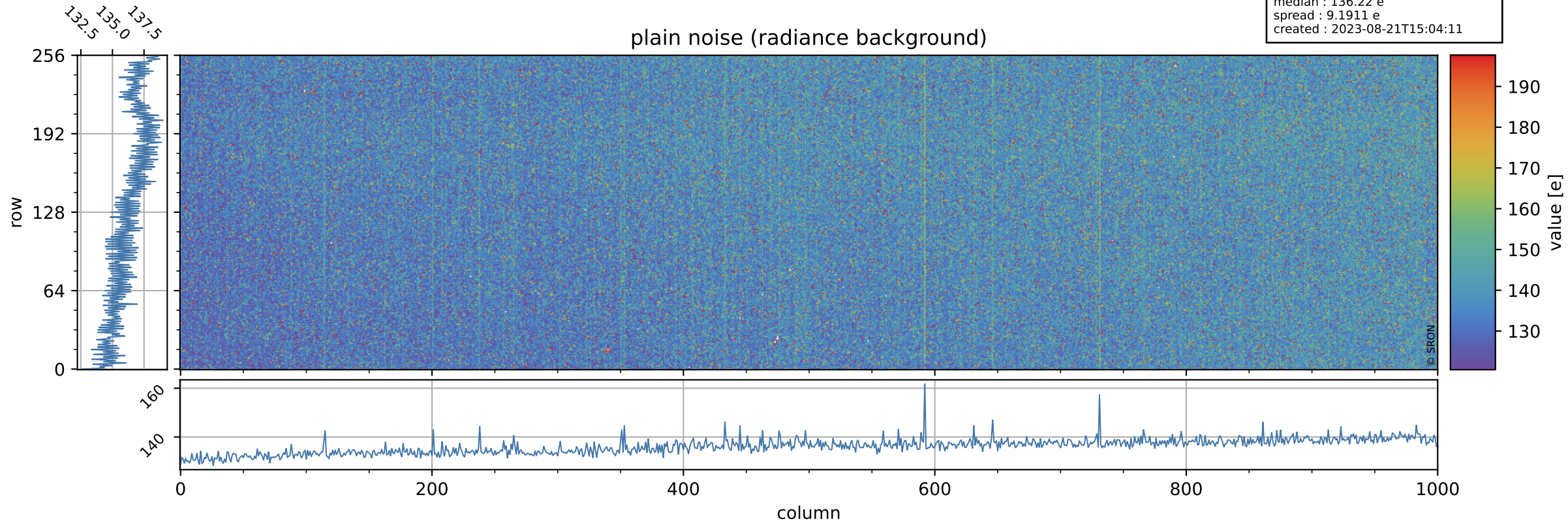
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.22 e  
spread : 9.1911 e  
created : 2023-08-21T15:04:11

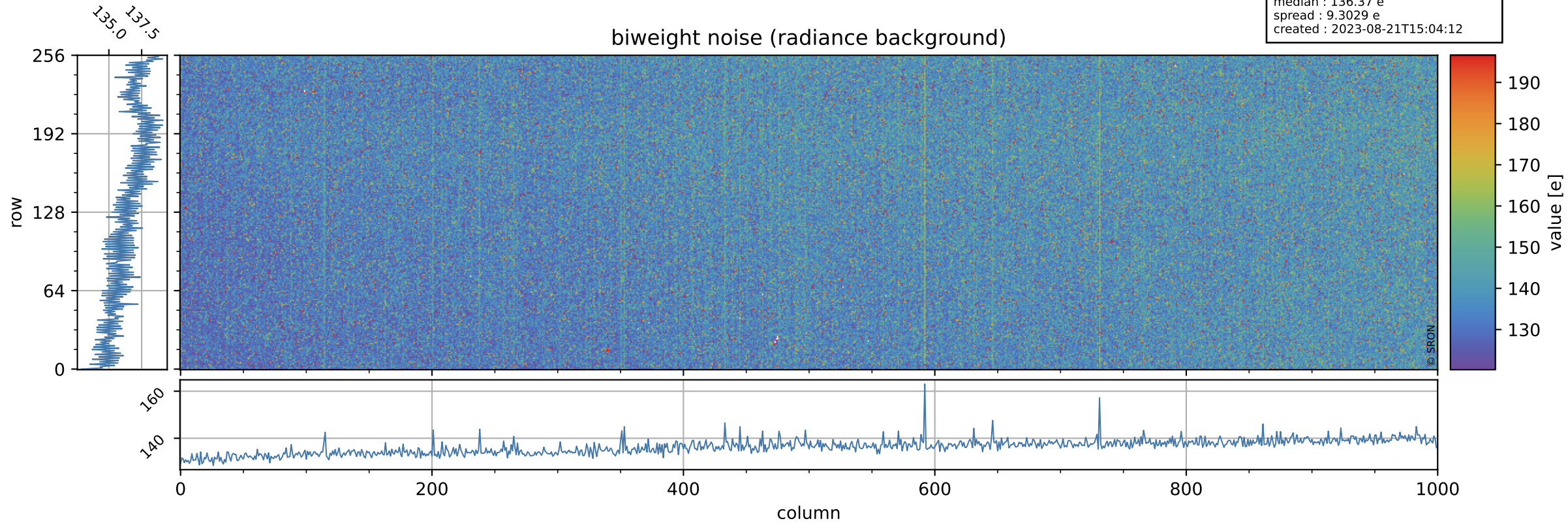
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.37 e  
spread : 9.3029 e  
created : 2023-08-21T15:04:12

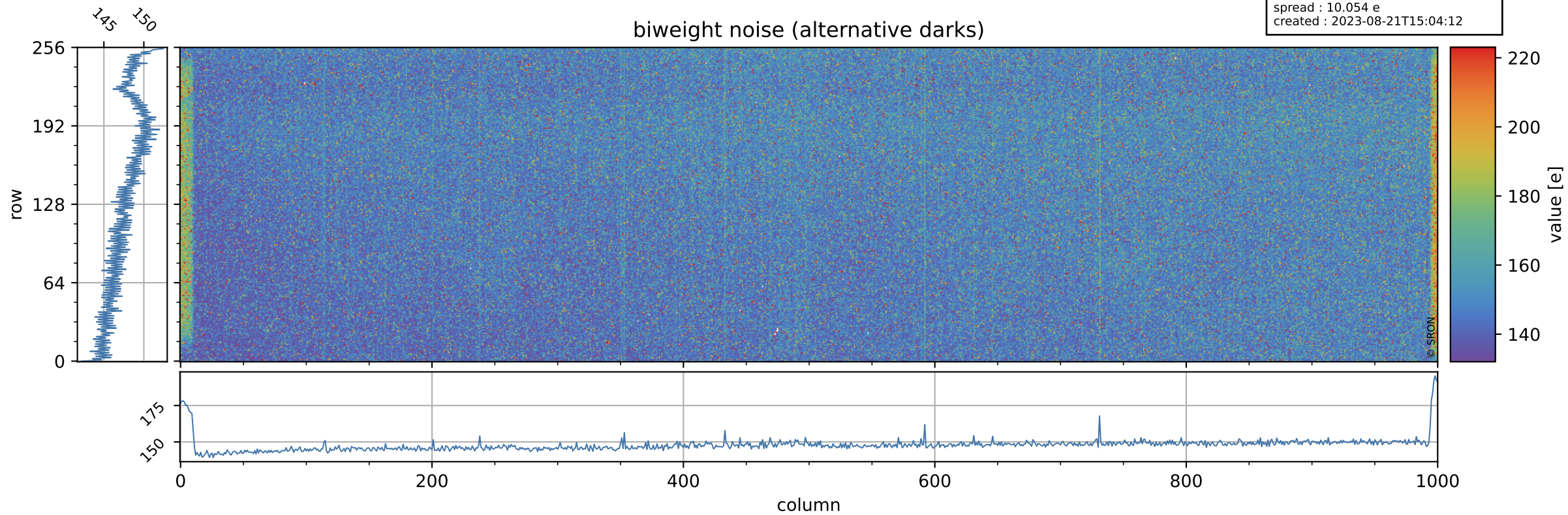
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.054 e  
created : 2023-08-21T15:04:12

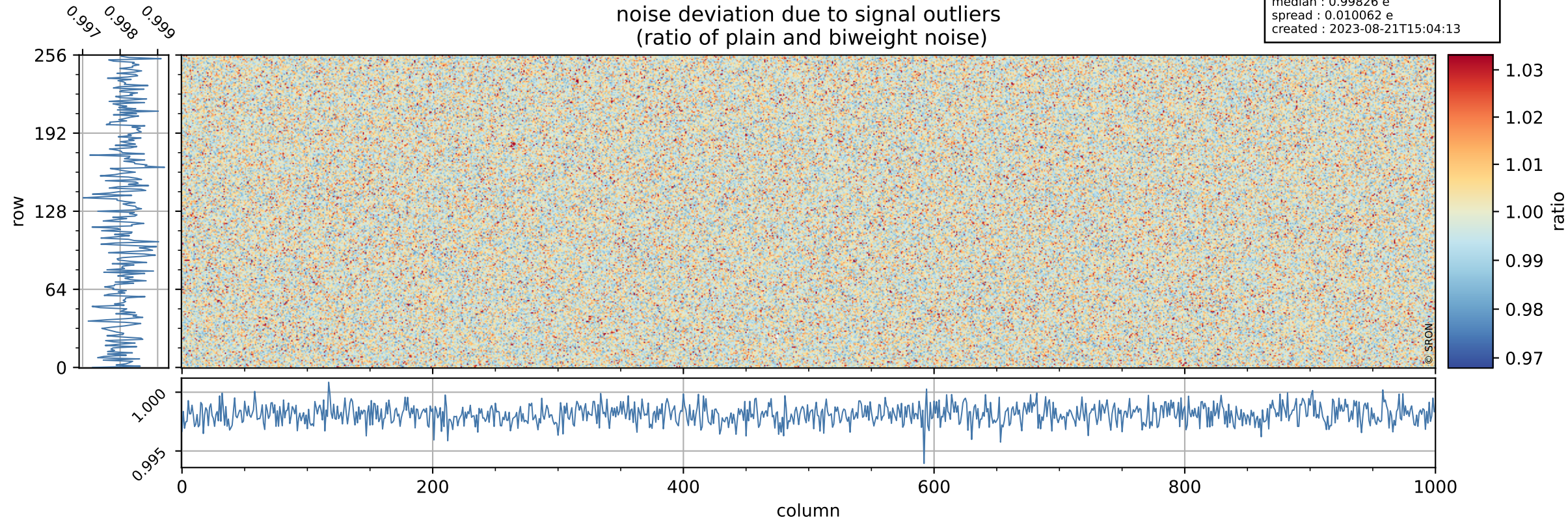
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

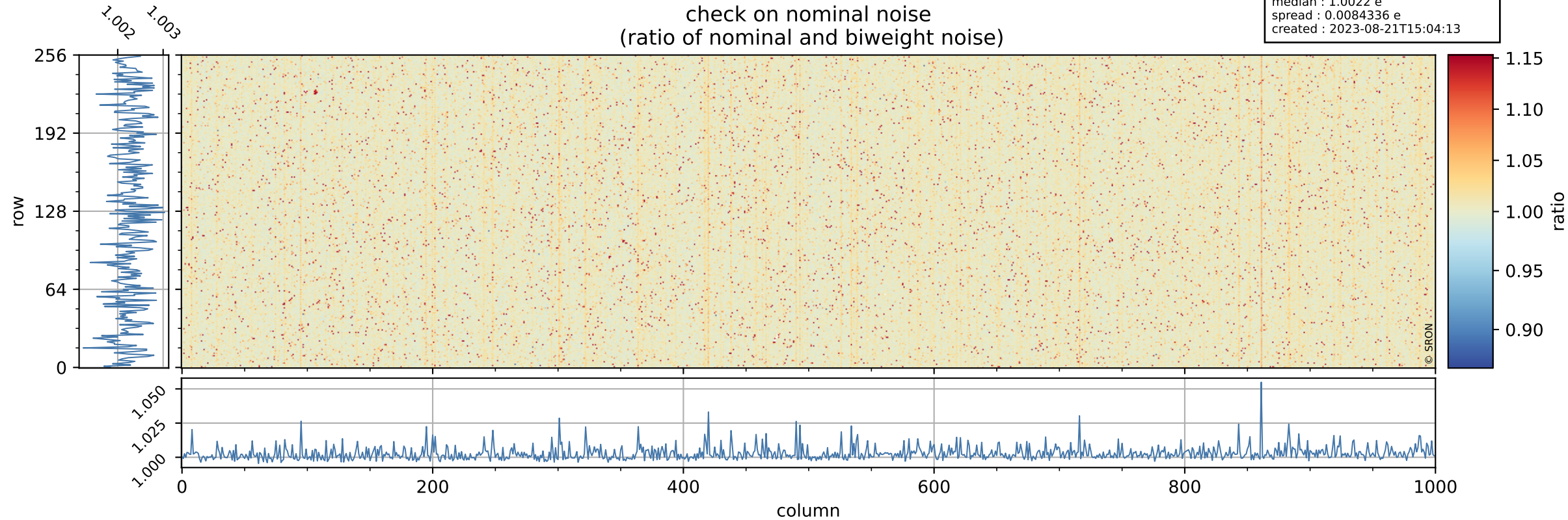
orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
median : 0.99826 e  
spread : 0.010062 e  
created : 2023-08-21T15:04:13



# Tropomi SWIR background noise (swir)

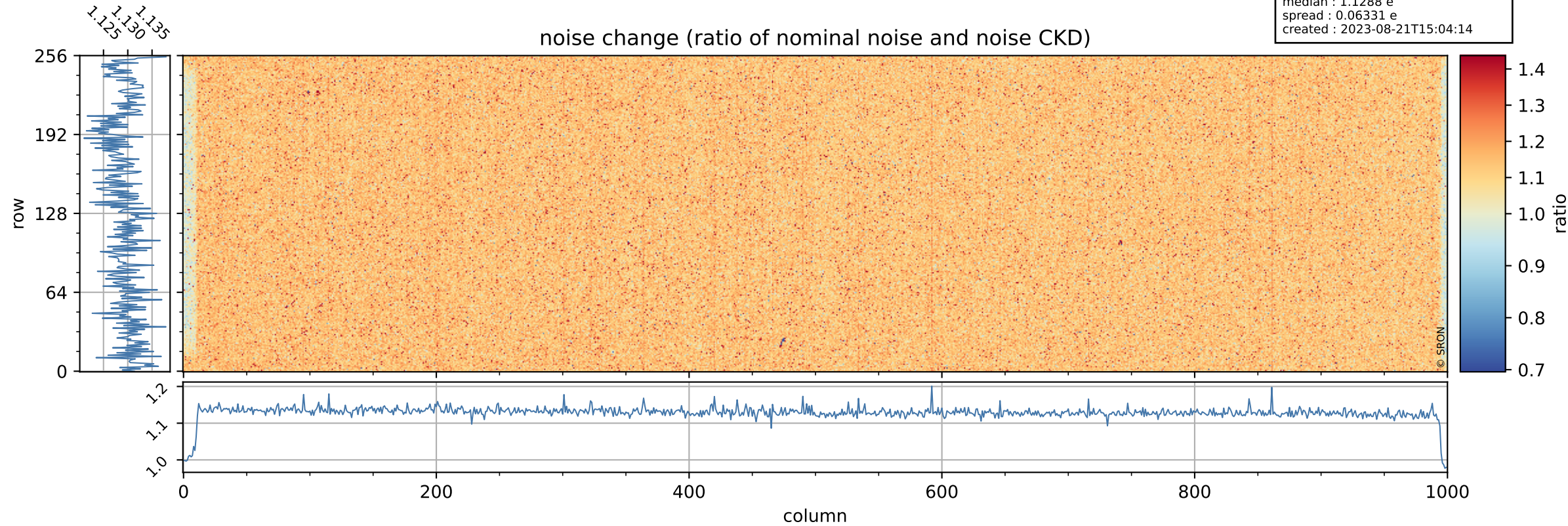
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
median : 1.0022 e  
spread : 0.0084336 e  
created : 2023-08-21T15:04:13



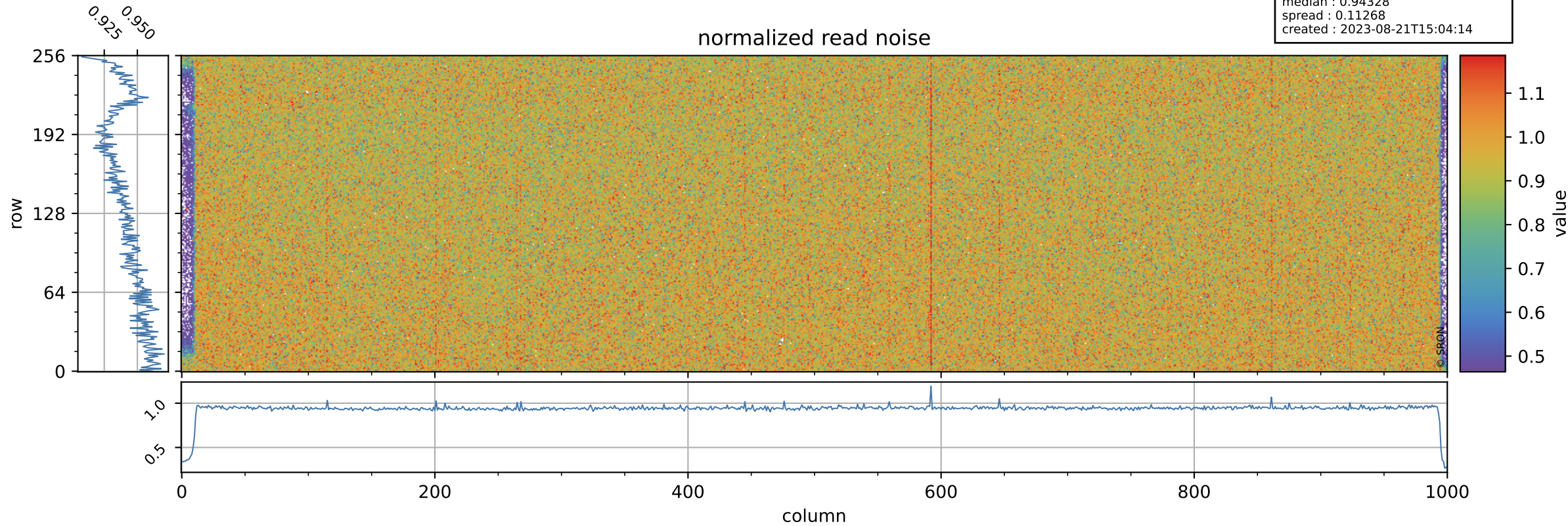
# Tropomi SWIR background noise (swir)

orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
median : 1.1288 e  
spread : 0.06331 e  
created : 2023-08-21T15:04:14



# Tropomi SWIR background noise (swir)

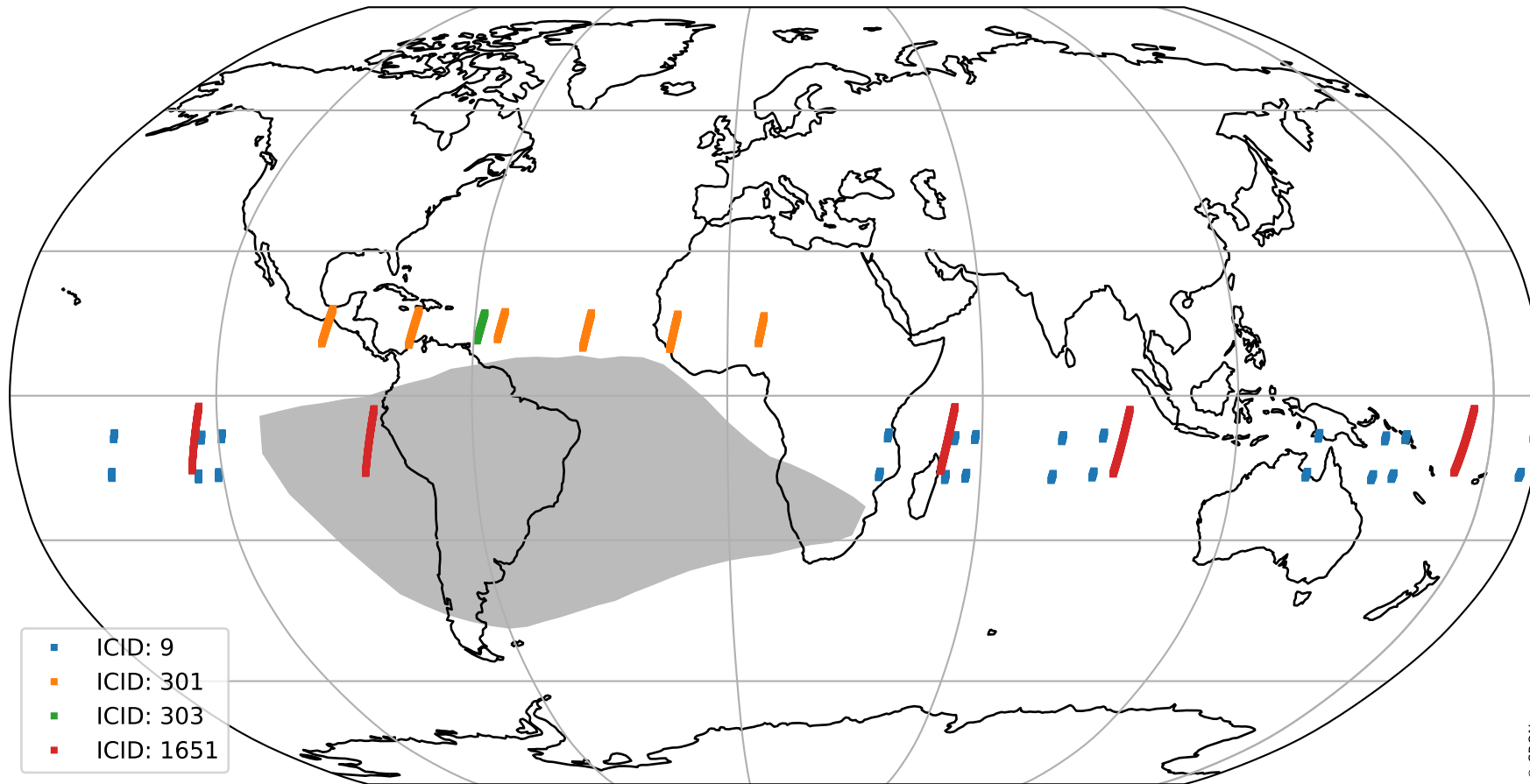
orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
median : 0.94328  
spread : 0.11268  
created : 2023-08-21T15:04:14





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

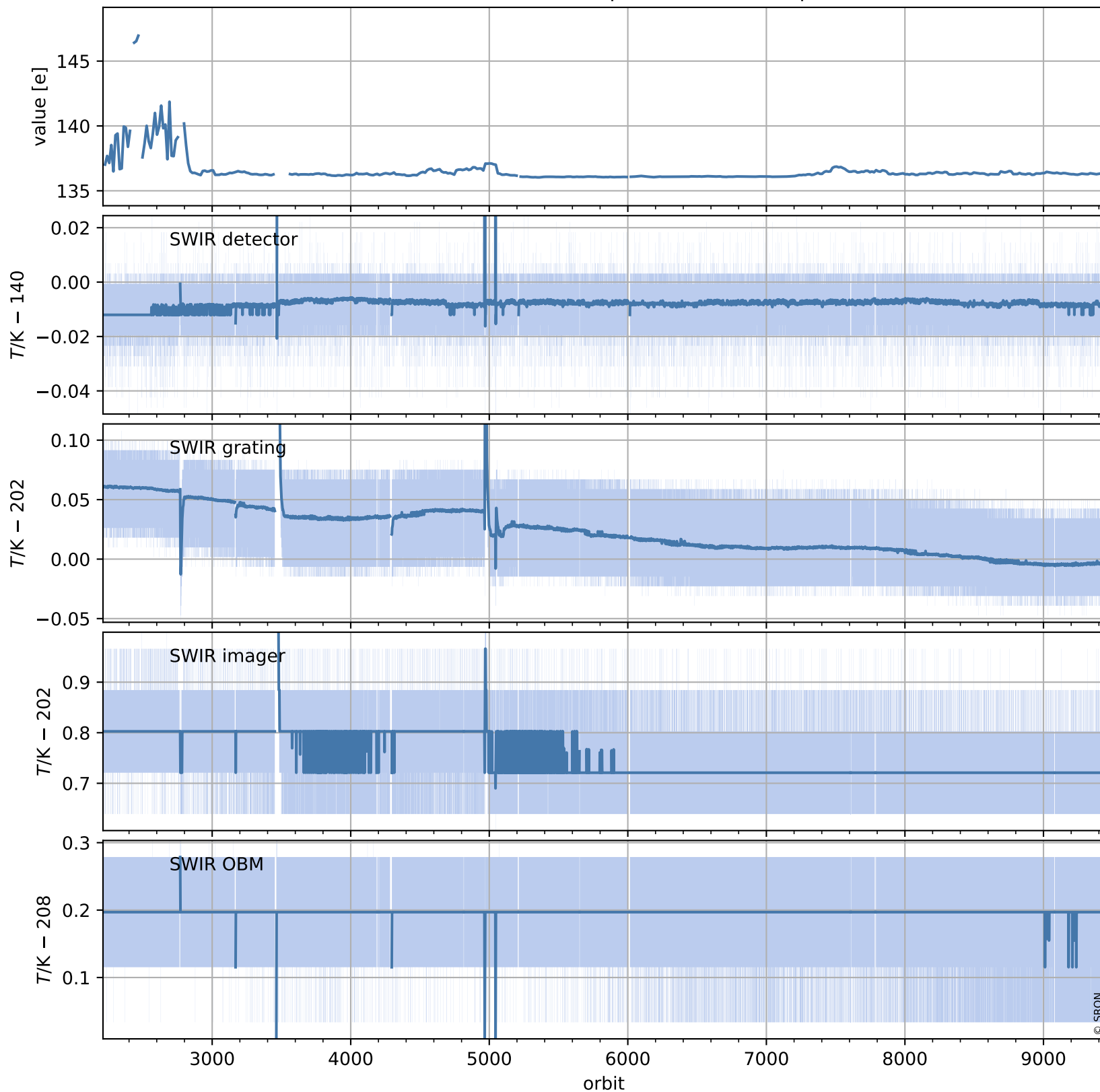
orbits : 12 in [9352, 9442]  
coverage : 2019-08-03 / 2019-08-09  
created : 2023-08-21T15:04:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 9442]  
coverage : 2018-03-18 / 2019-08-09  
created : 2023-08-21T15:04:15

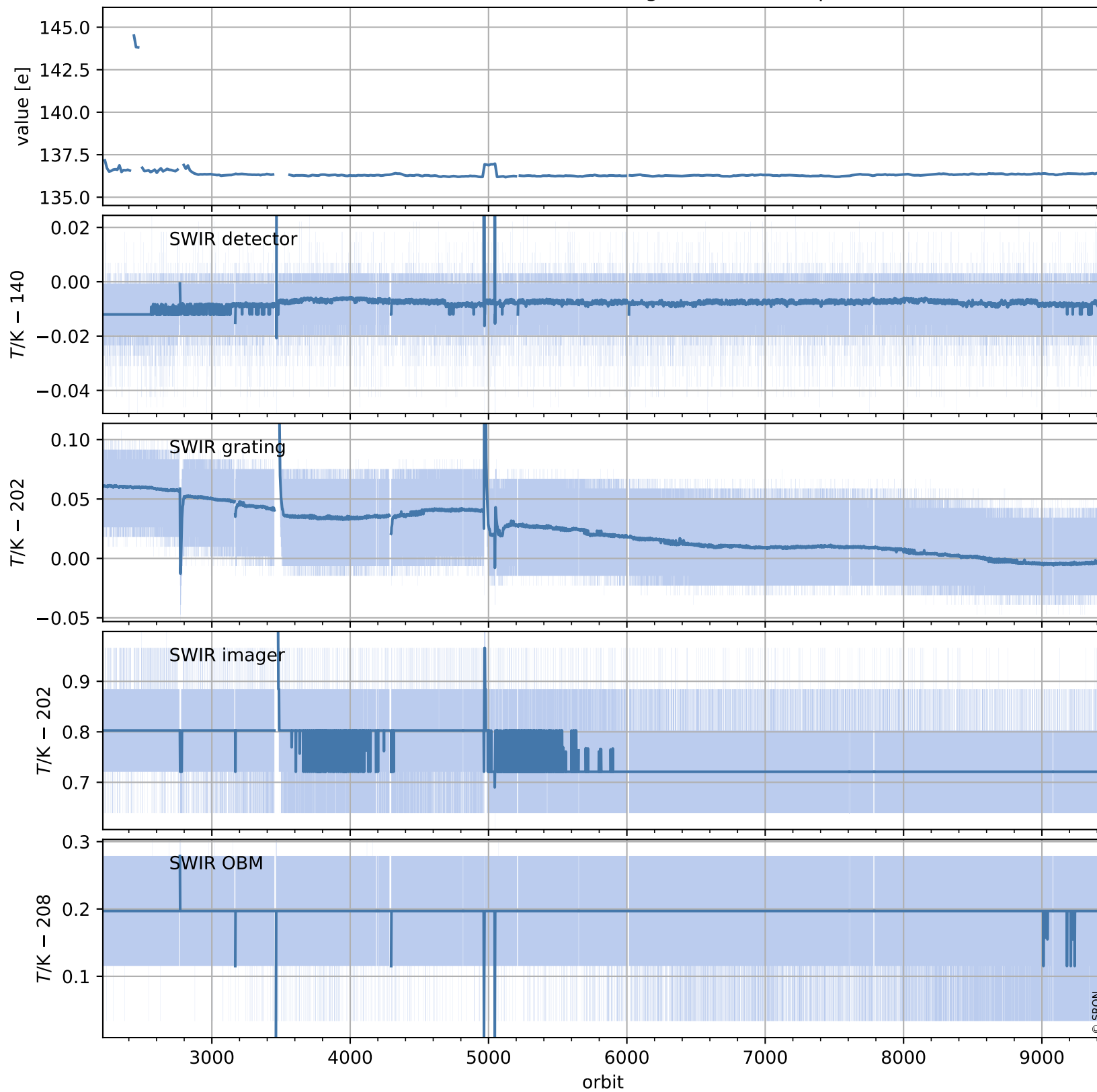
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9442]  
coverage : 2018-03-18 / 2019-08-09  
created : 2023-08-21T15:04:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9442]  
coverage : 2018-03-18 / 2019-08-09  
created : 2023-08-21T15:04:16

## trend of normalized read-noise & temperatures

