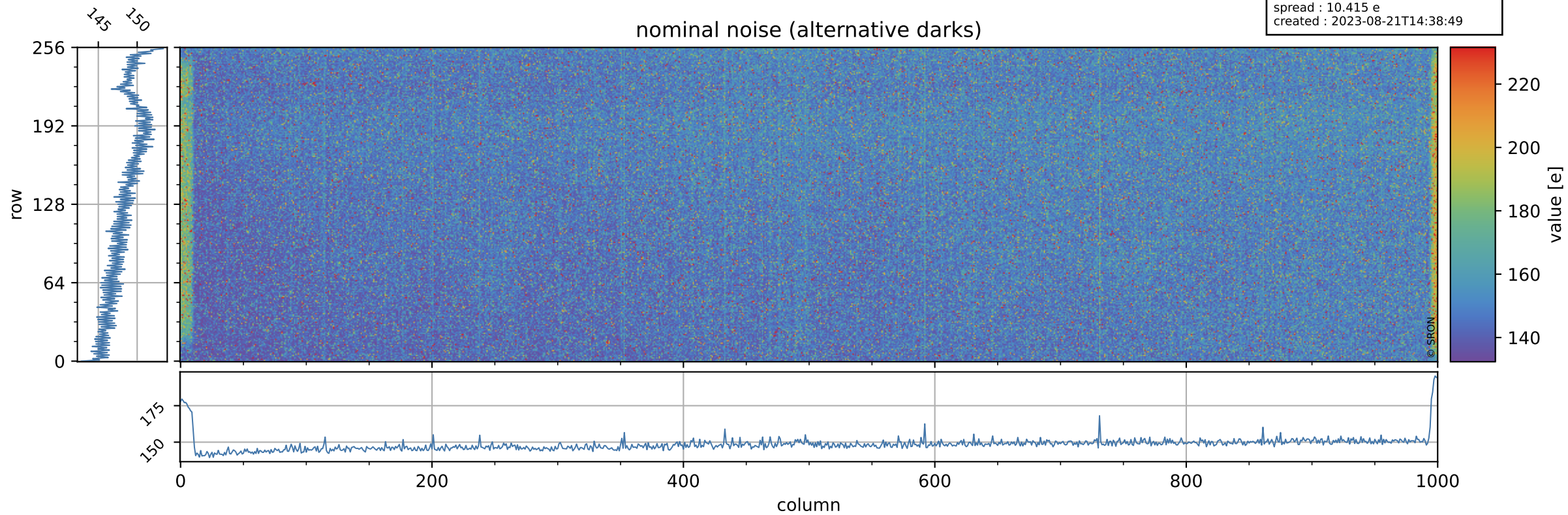


# Tropomi SWIR background noise (swir)

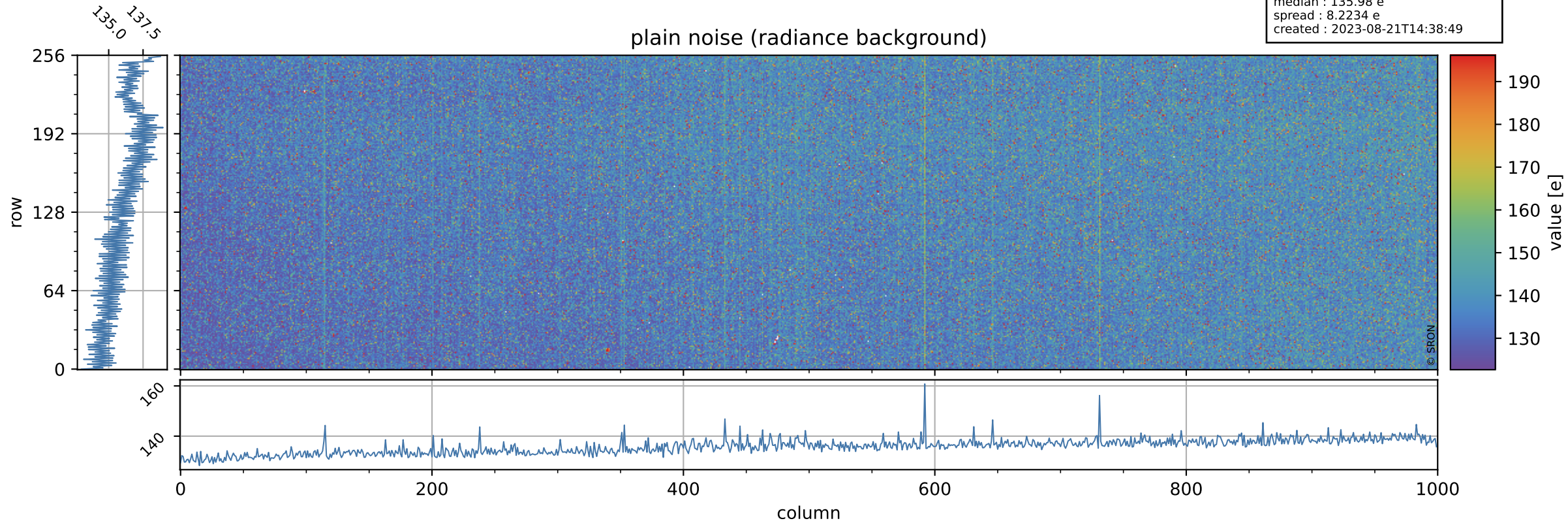
orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.29 e  
spread : 10.415 e  
created : 2023-08-21T14:38:49



# Tropomi SWIR background noise (swir)

orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
n\_coad, t\_exp : 2, 0.5383  
median : 135.98 e  
spread : 8.2234 e  
created : 2023-08-21T14:38:49

plain noise (radiance background)

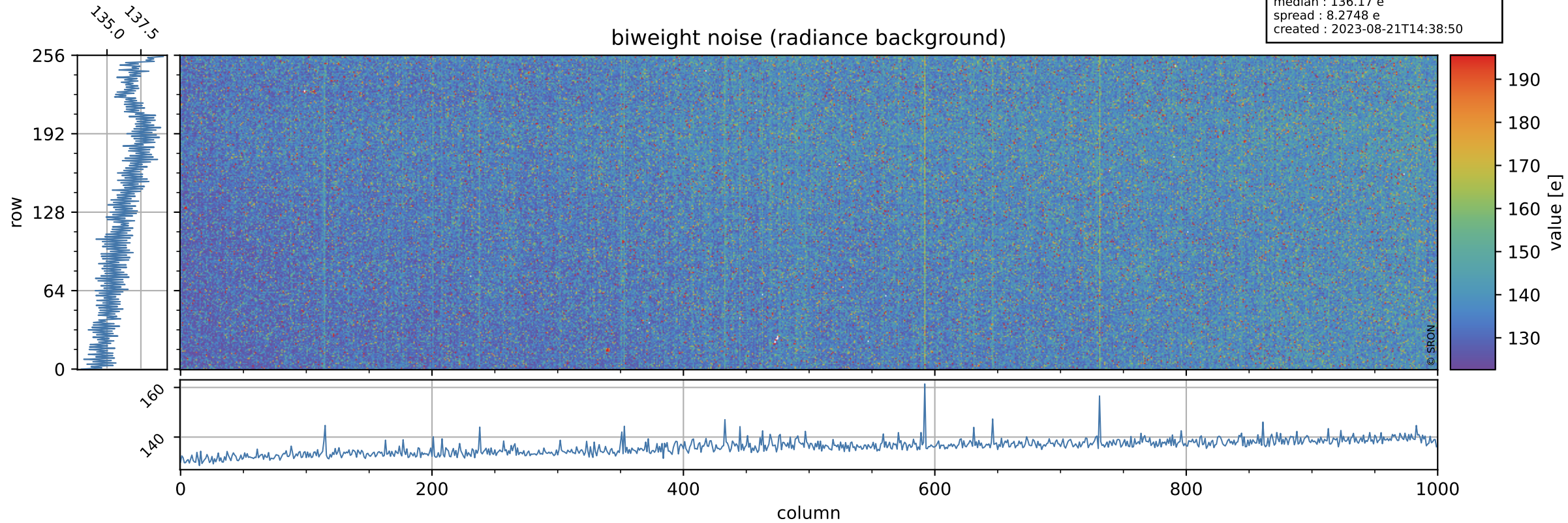




# Tropomi SWIR background noise (swir)

orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.2748 e  
created : 2023-08-21T14:38:50

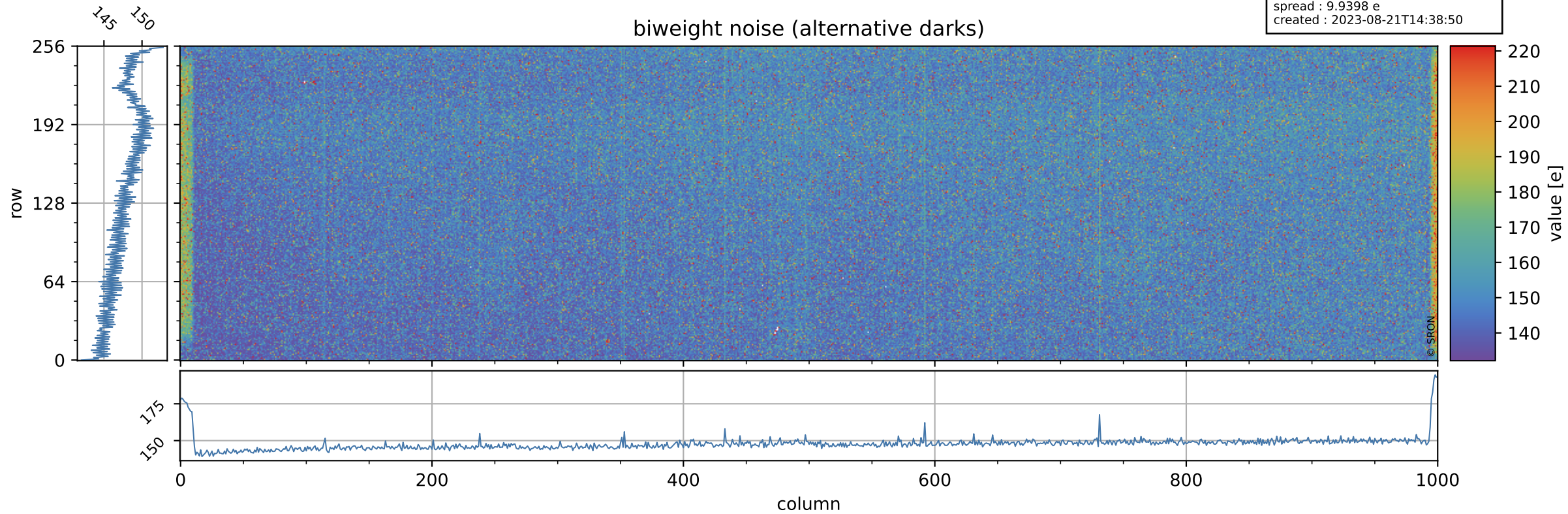
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.54 e  
spread : 9.9398 e  
created : 2023-08-21T14:38:50

## biweight noise (alternative darks)

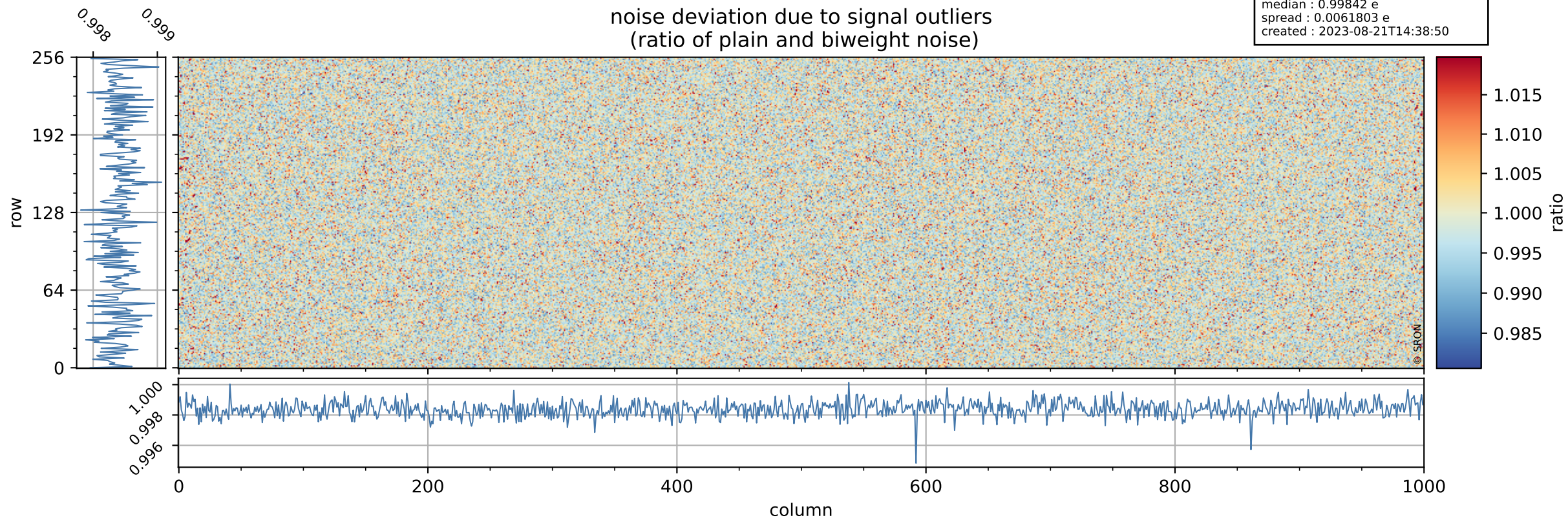




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
median : 0.99842 e  
spread : 0.0061803 e  
created : 2023-08-21T14:38:50

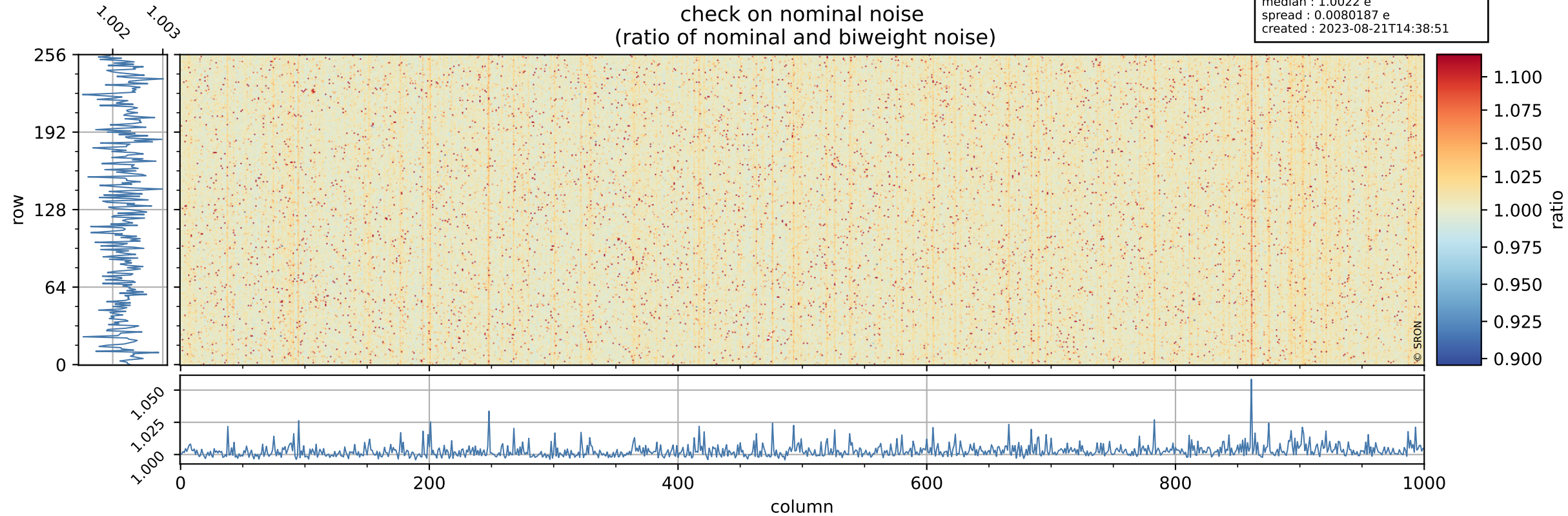




# Tropomi SWIR background noise (swir)

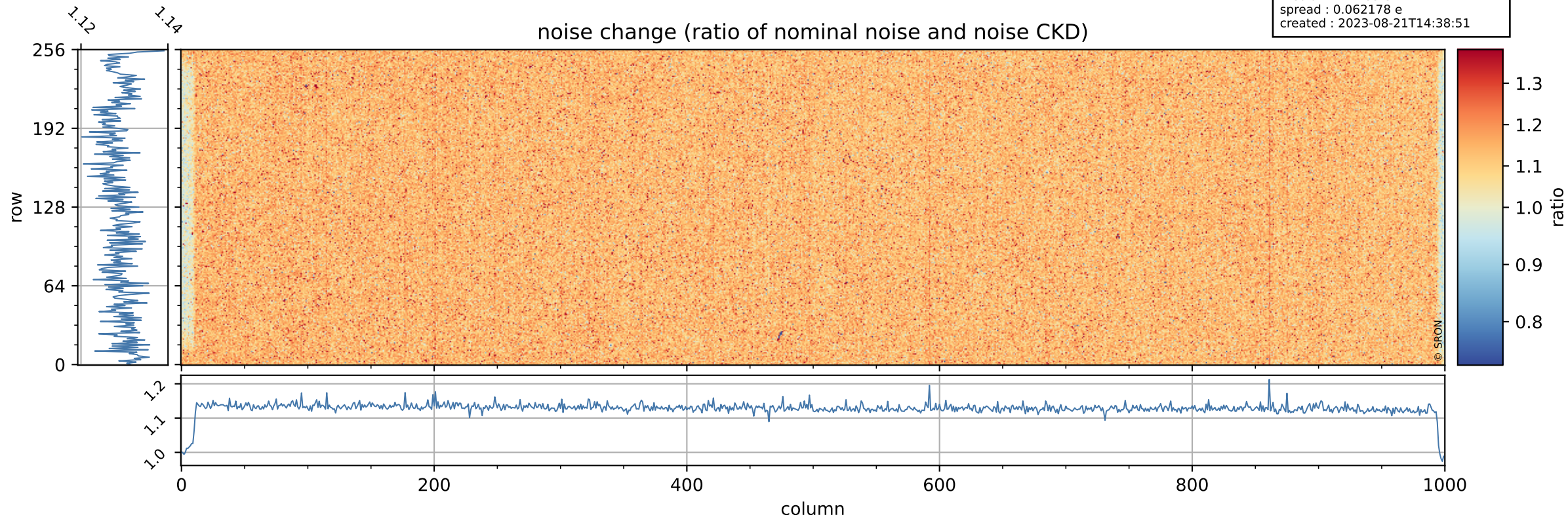
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
median : 1.0022 e  
spread : 0.0080187 e  
created : 2023-08-21T14:38:51



# Tropomi SWIR background noise (swir)

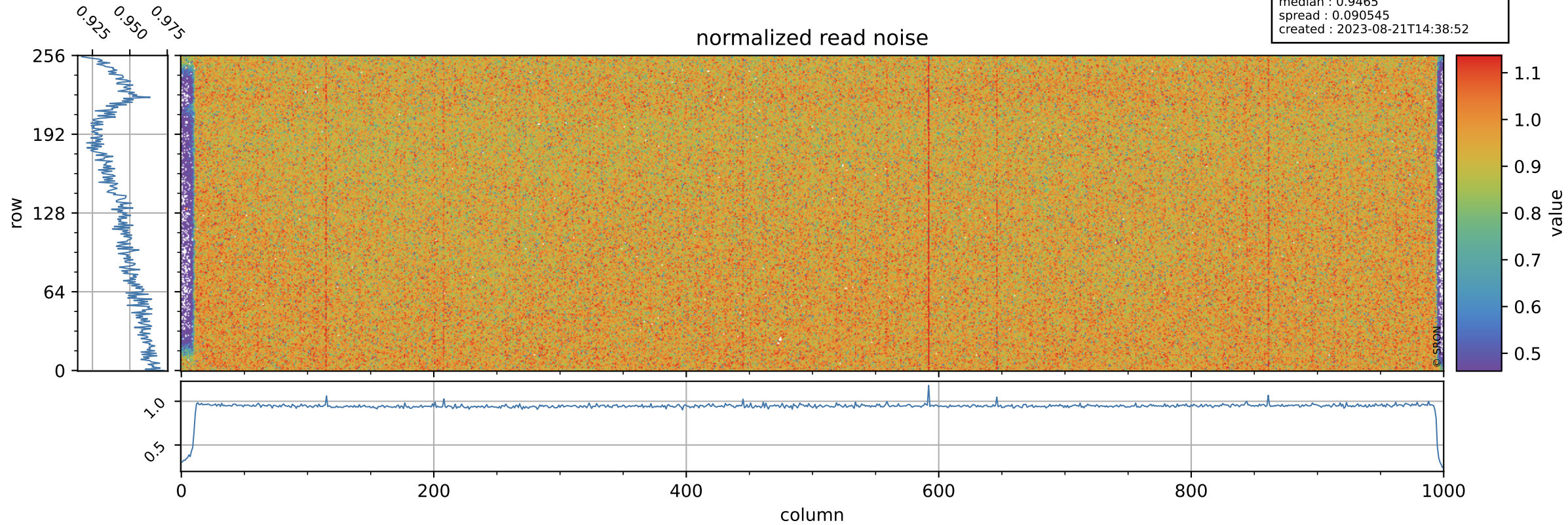
orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
median : 1.1283 e  
spread : 0.062178 e  
created : 2023-08-21T14:38:51





# Tropomi SWIR background noise (swir)

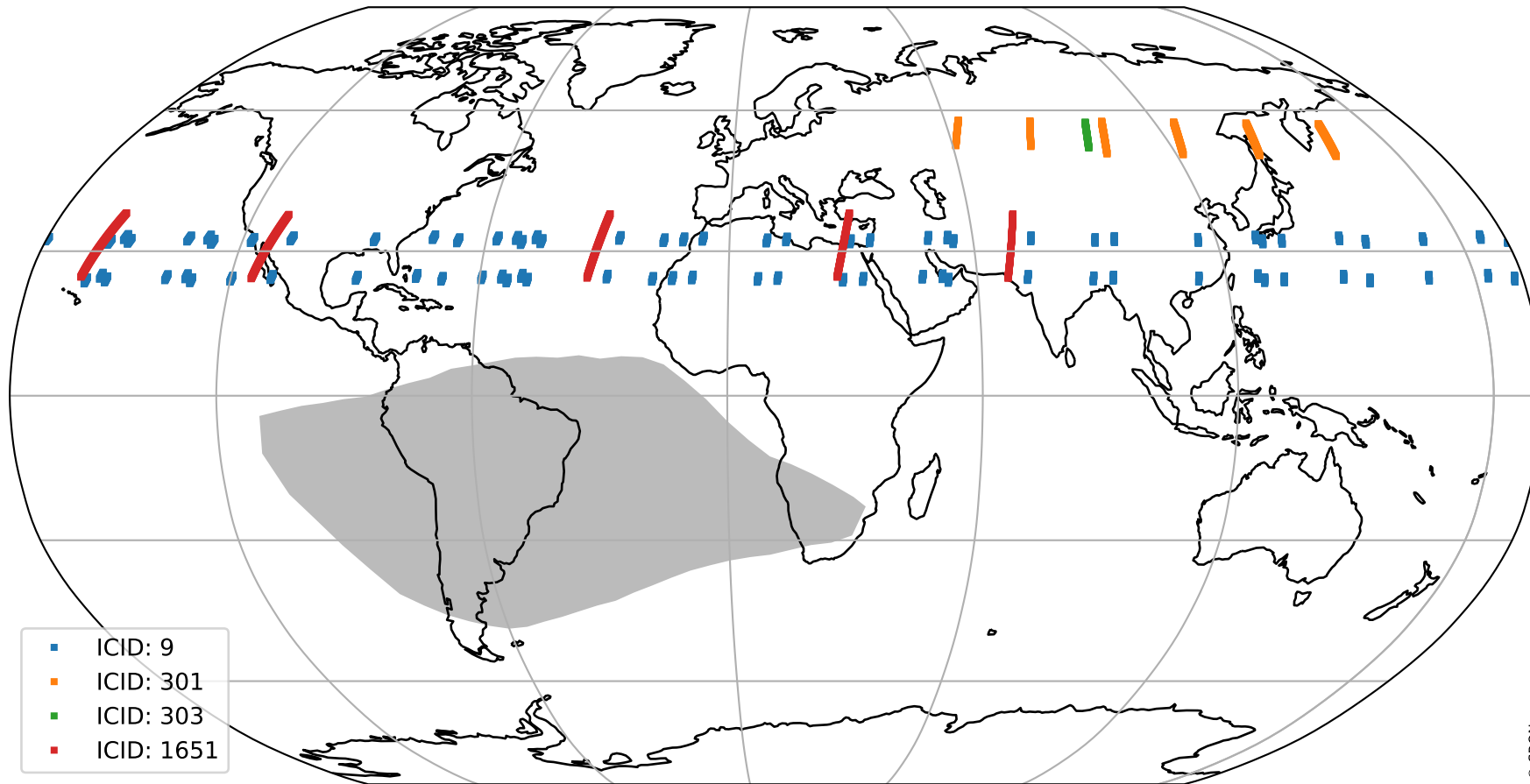
orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
median : 0.9465  
spread : 0.090545  
created : 2023-08-21T14:38:52





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

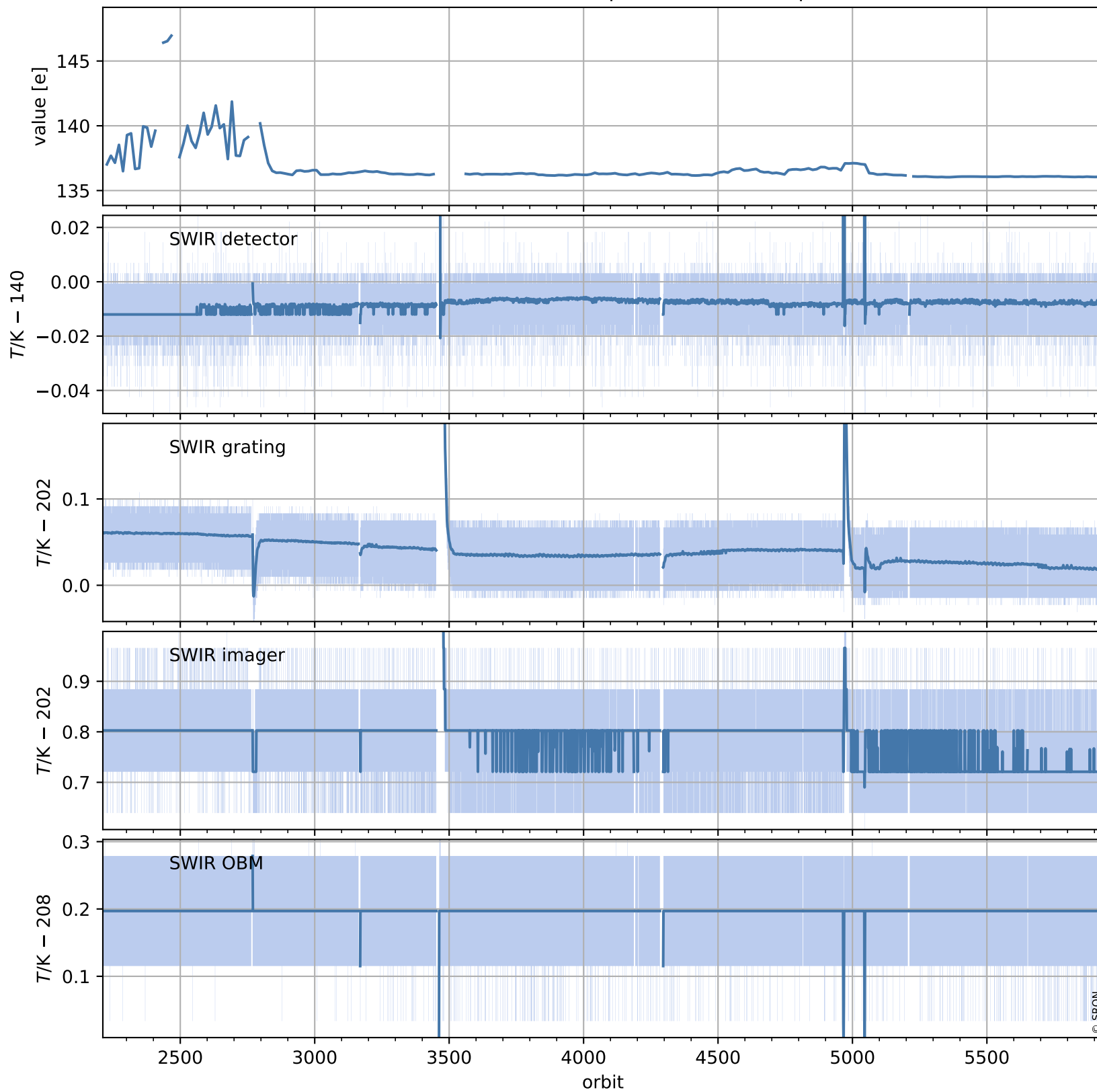
orbits : 12 in [5842, 5932]  
coverage : 2018-11-29 / 2018-12-05  
created : 2023-08-21T14:38:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 5932]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:38:52

## trend of detector median of plain noise & temperatures

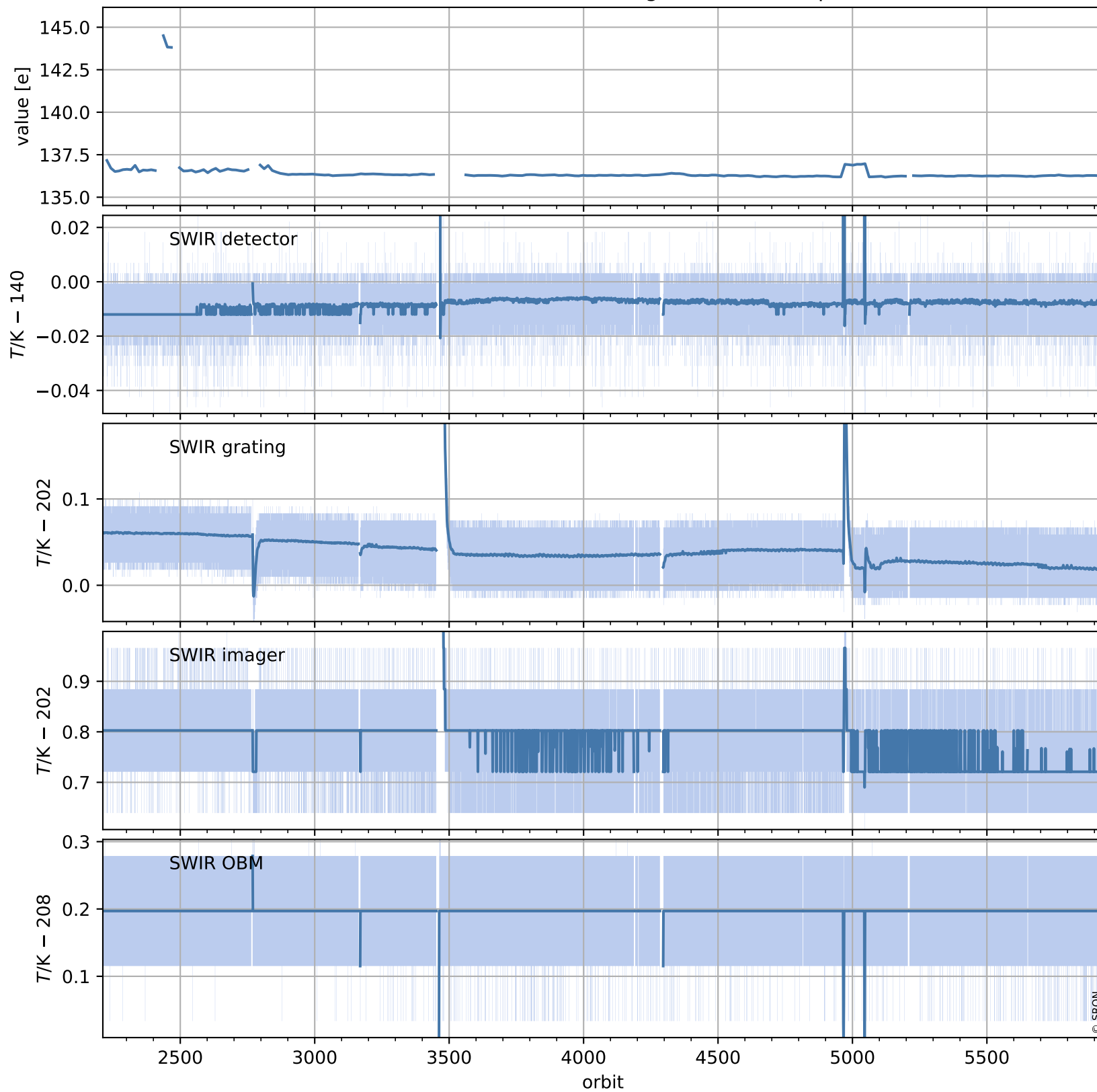




# Tropomi SWIR background noise (swir)

orbits : [2212, 5932]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:38:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5932]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:38:54

## trend of normalized read-noise & temperatures

