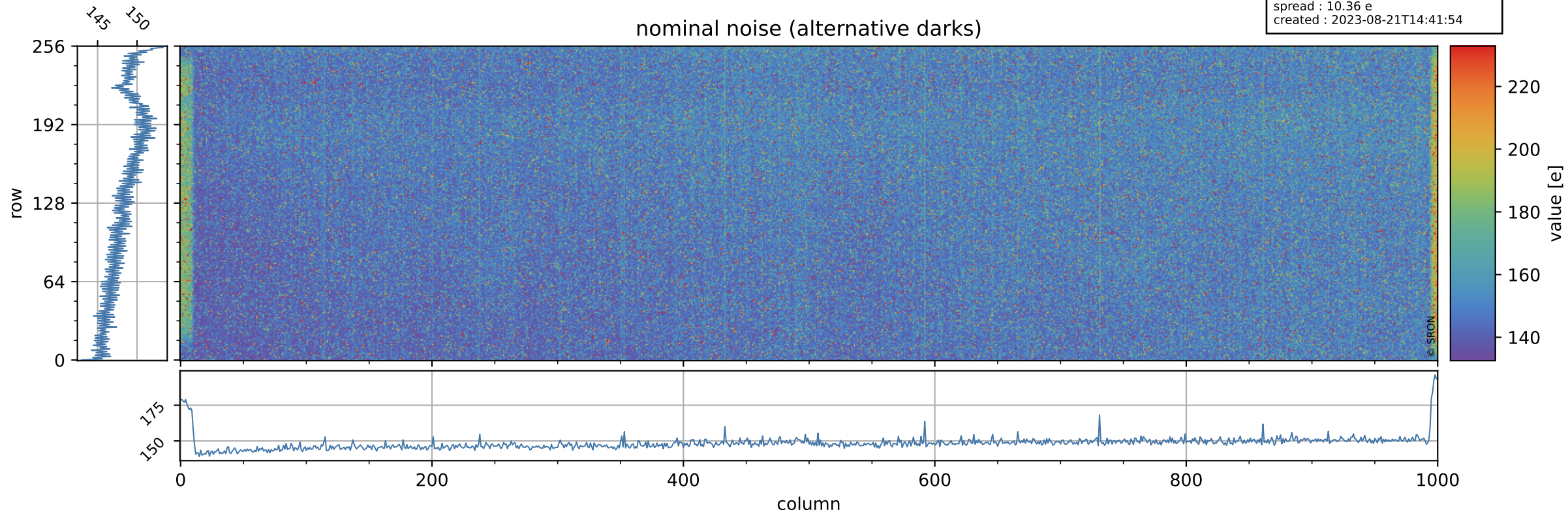


# Tropomi SWIR background noise (swir)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.28 e  
spread : 10.36 e  
created : 2023-08-21T14:41:54

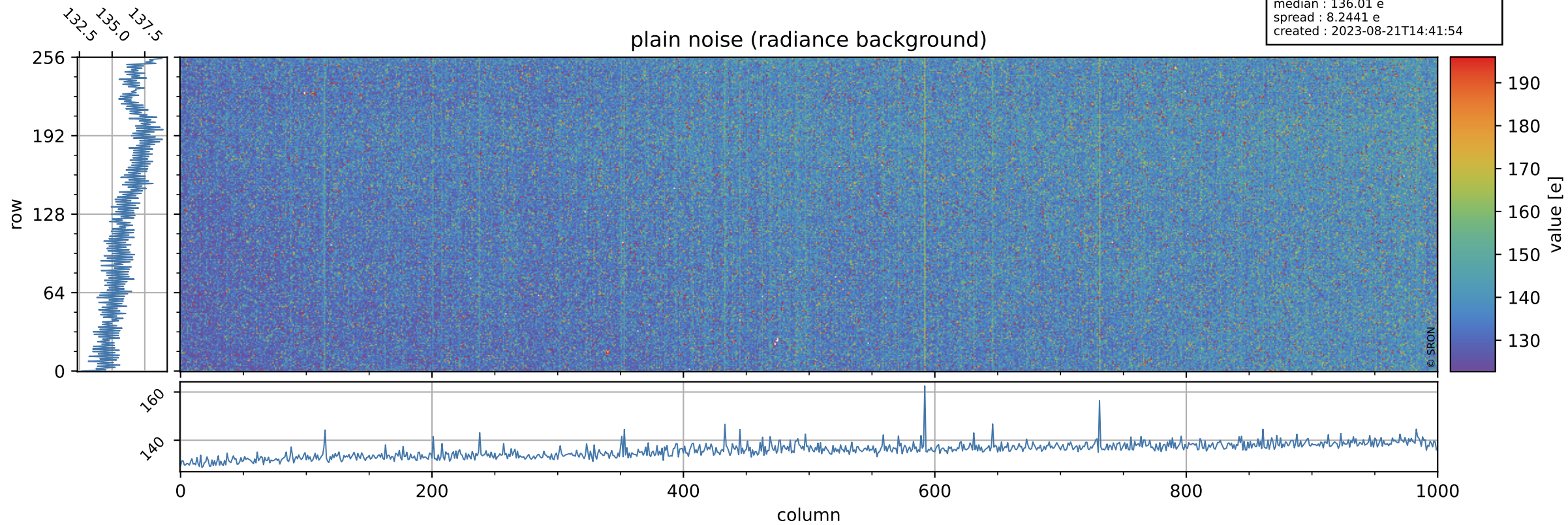
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
n\_coad, t\_exp : 2, 0.5383  
median : 136.01 e  
spread : 8.2441 e  
created : 2023-08-21T14:41:54

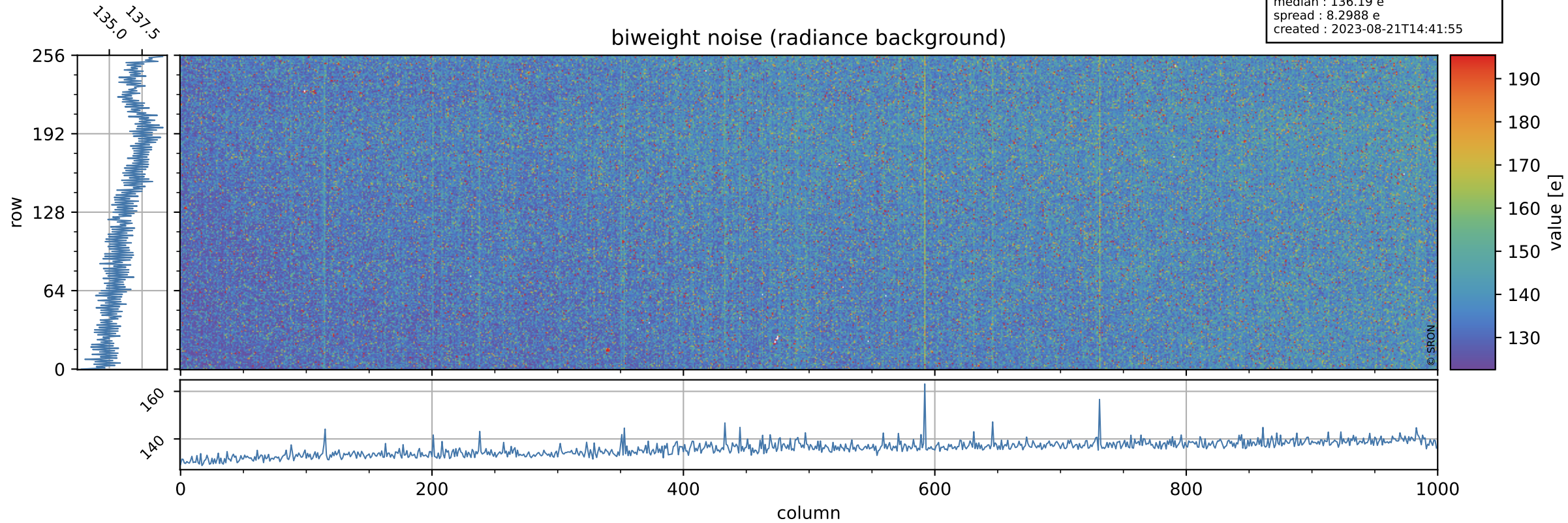
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
n\_coad, t\_exp : 2, 0.5383  
median : 136.19 e  
spread : 8.2988 e  
created : 2023-08-21T14:41:55

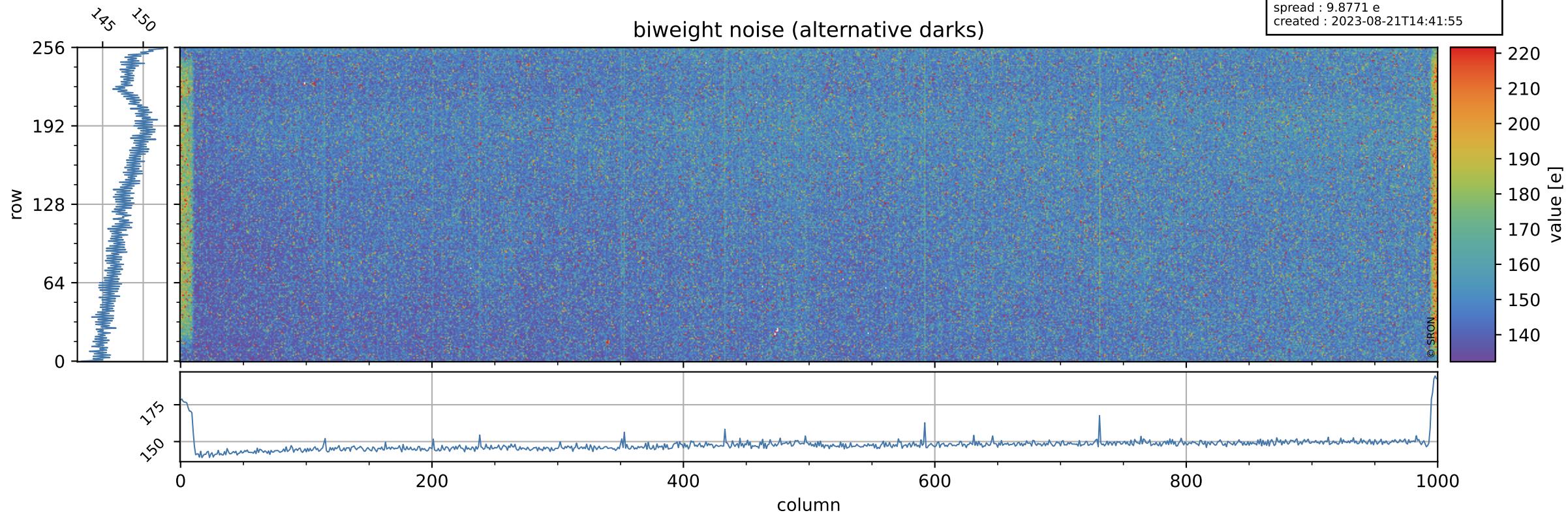
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 9.8771 e  
created : 2023-08-21T14:41:55

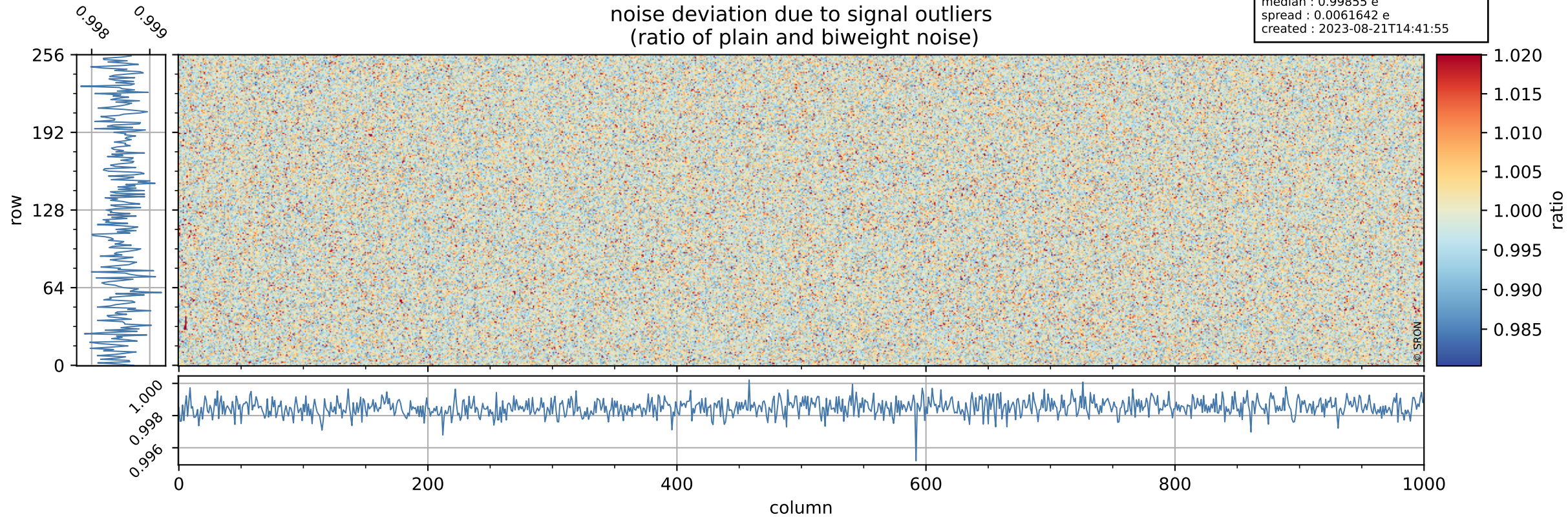
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

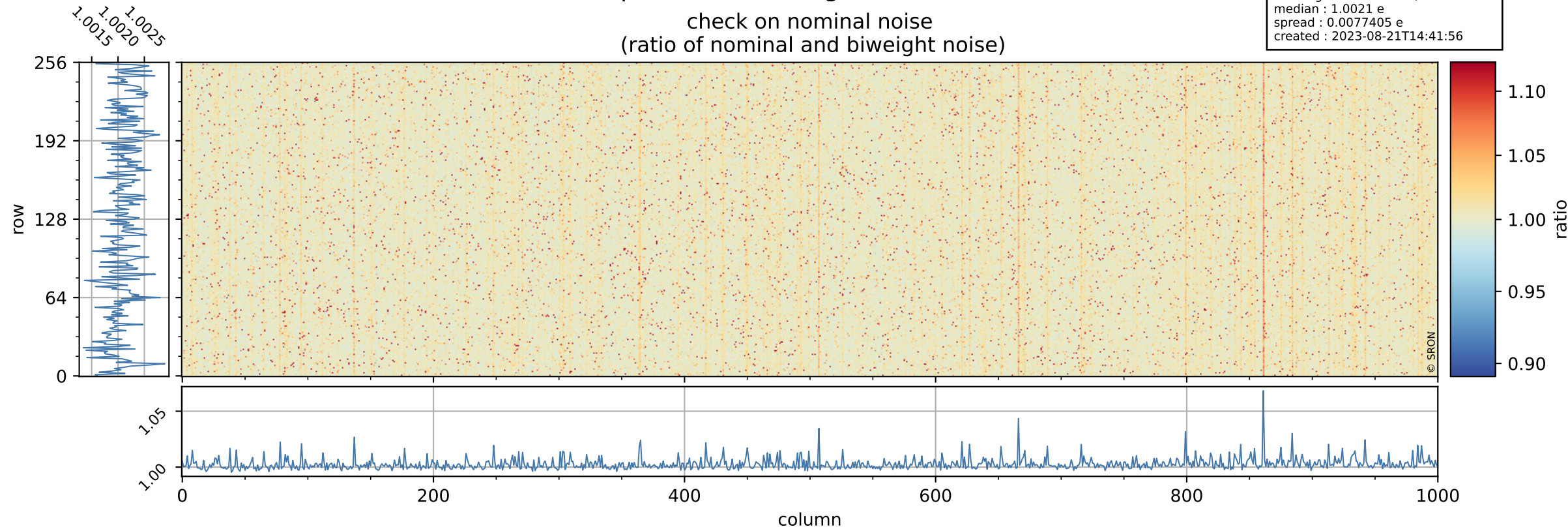
orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
median : 0.99855 e  
spread : 0.0061642 e  
created : 2023-08-21T14:41:55



# Tropomi SWIR background noise (swir)

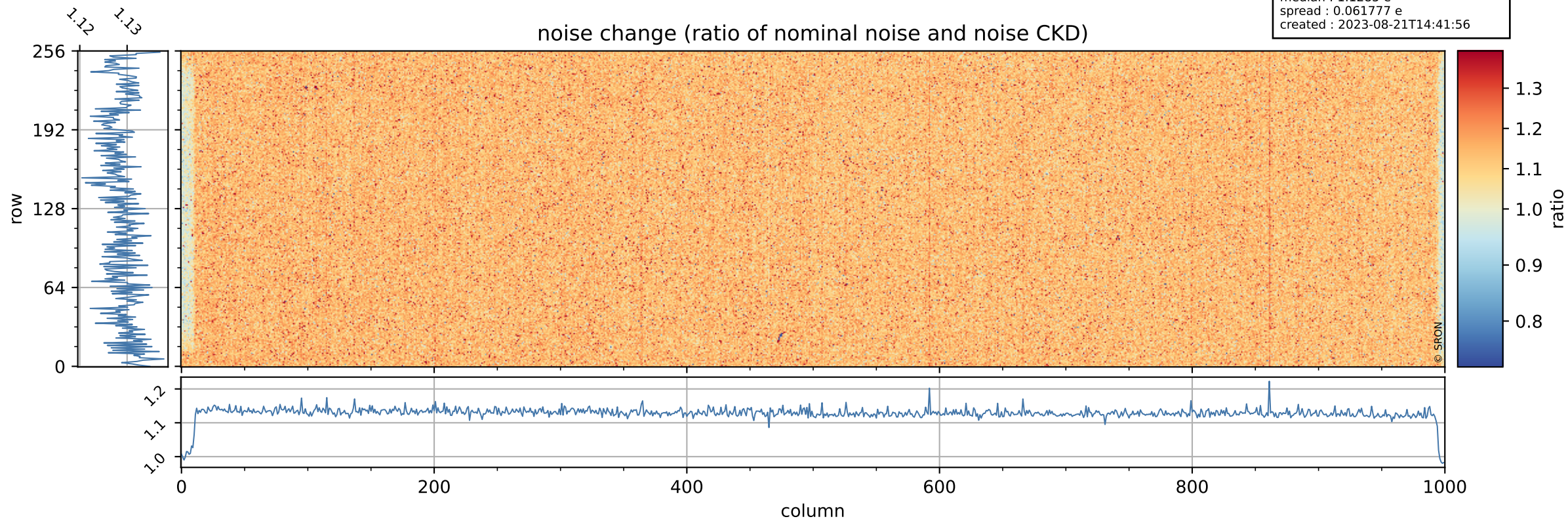
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
median : 1.0021 e  
spread : 0.0077405 e  
created : 2023-08-21T14:41:56



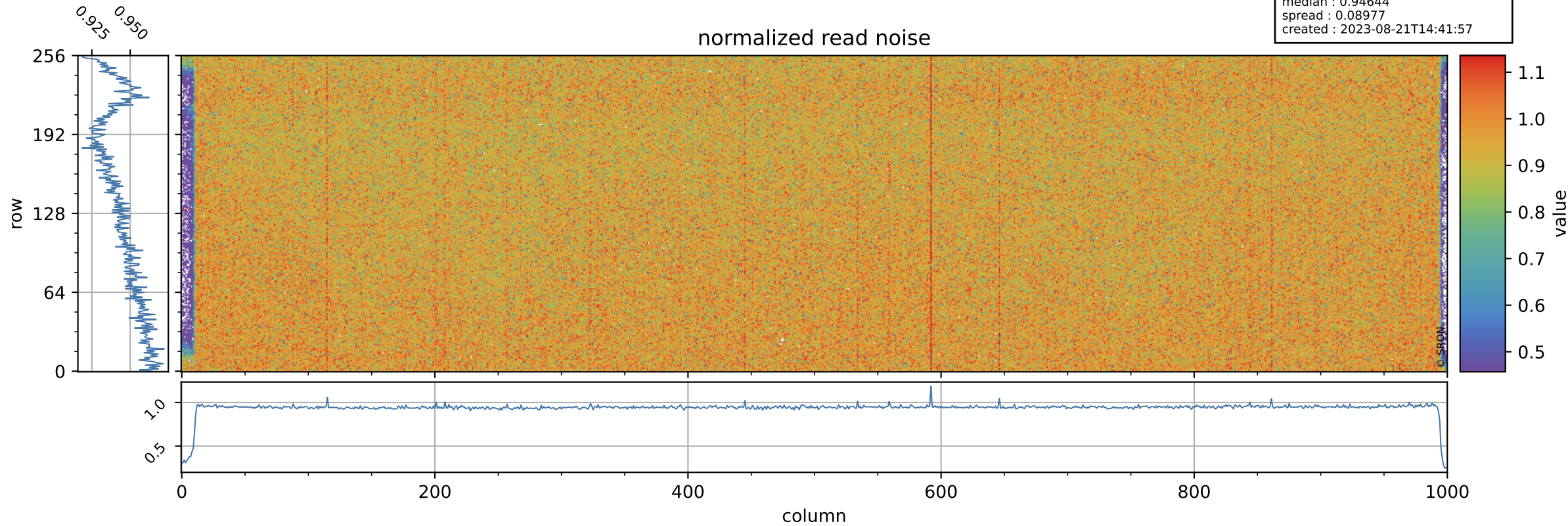
# Tropomi SWIR background noise (swir)

orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
median : 1.1285 e  
spread : 0.061777 e  
created : 2023-08-21T14:41:56



# Tropomi SWIR background noise (swir)

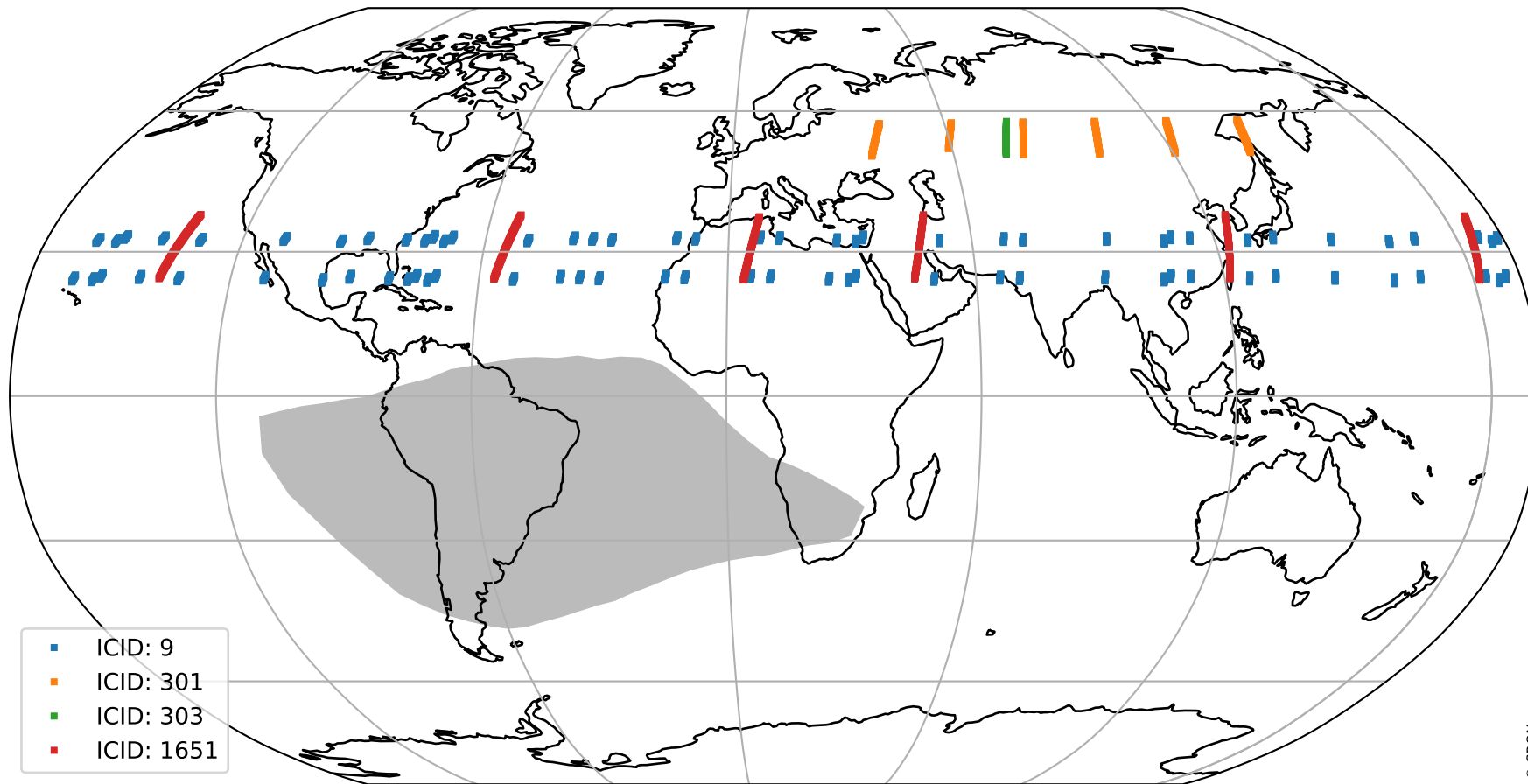
orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
median : 0.94644  
spread : 0.08977  
created : 2023-08-21T14:41:57





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

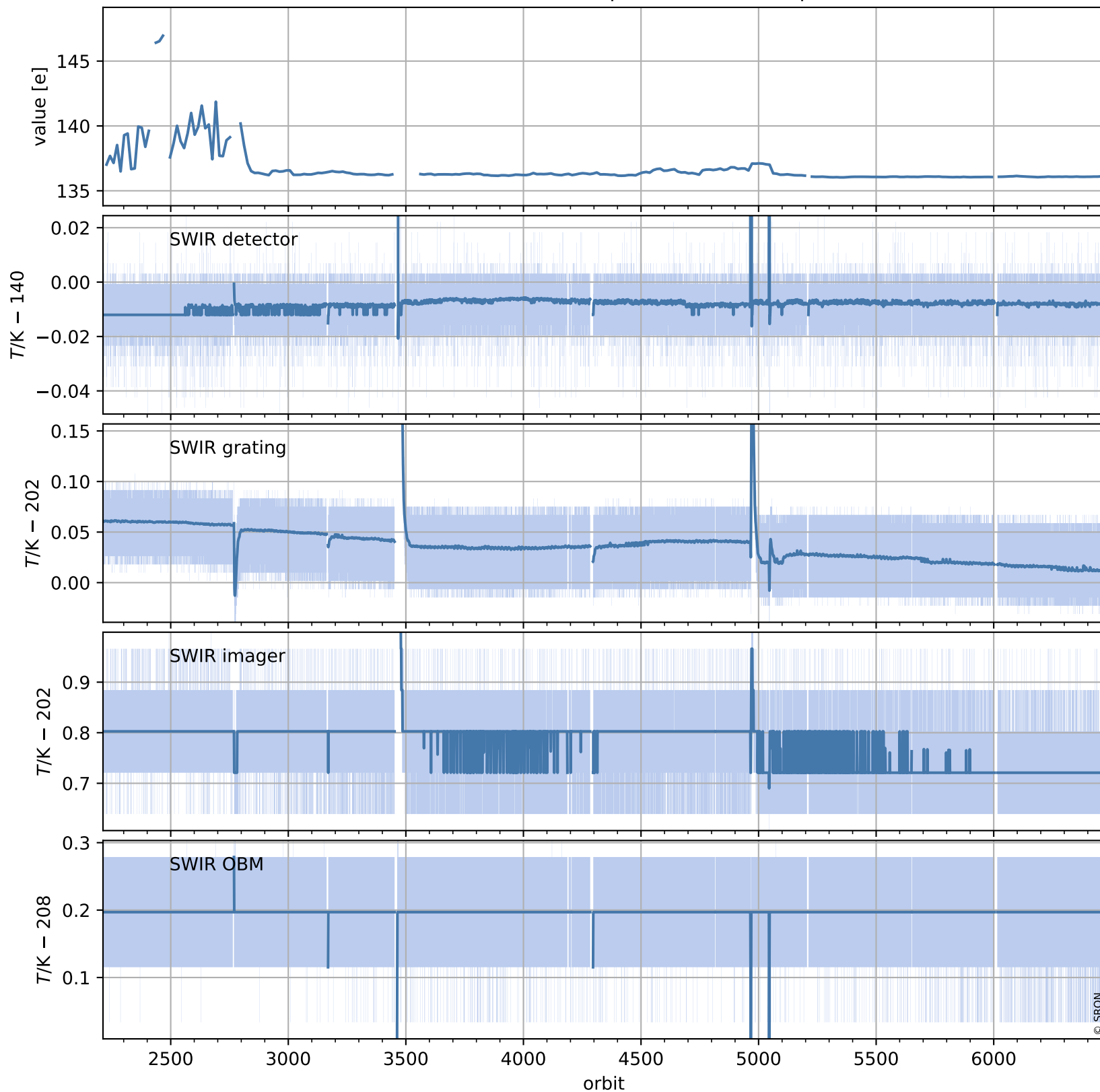
orbits : 13 in [6382, 6472]  
coverage : 2019-01-06 / 2019-01-12  
created : 2023-08-21T14:41:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 6472]  
coverage : 2018-03-18 / 2019-01-12  
created : 2023-08-21T14:41:57

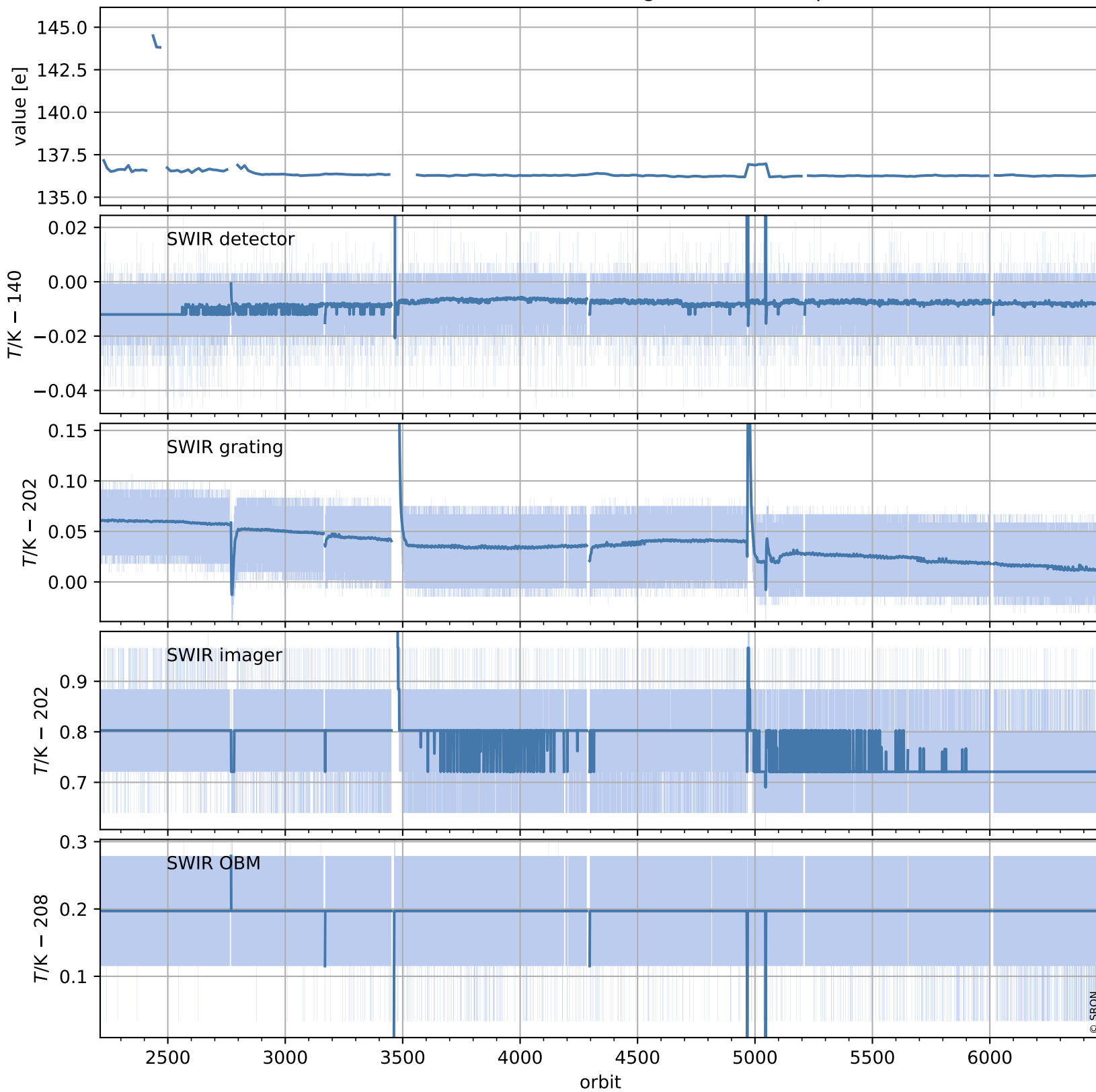
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6472]  
coverage : 2018-03-18 / 2019-01-12  
created : 2023-08-21T14:41:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6472]  
coverage : 2018-03-18 / 2019-01-12  
created : 2023-08-21T14:41:59

## trend of normalized read-noise & temperatures

