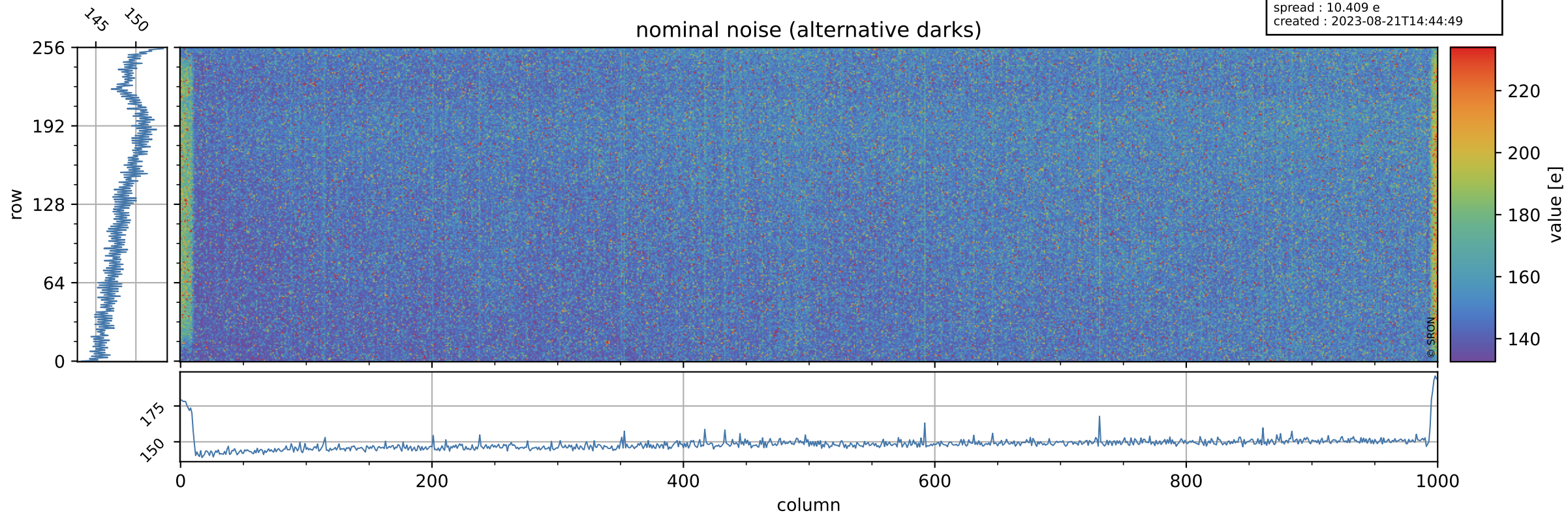


# Tropomi SWIR background noise (swir)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 10.409 e  
created : 2023-08-21T14:44:49

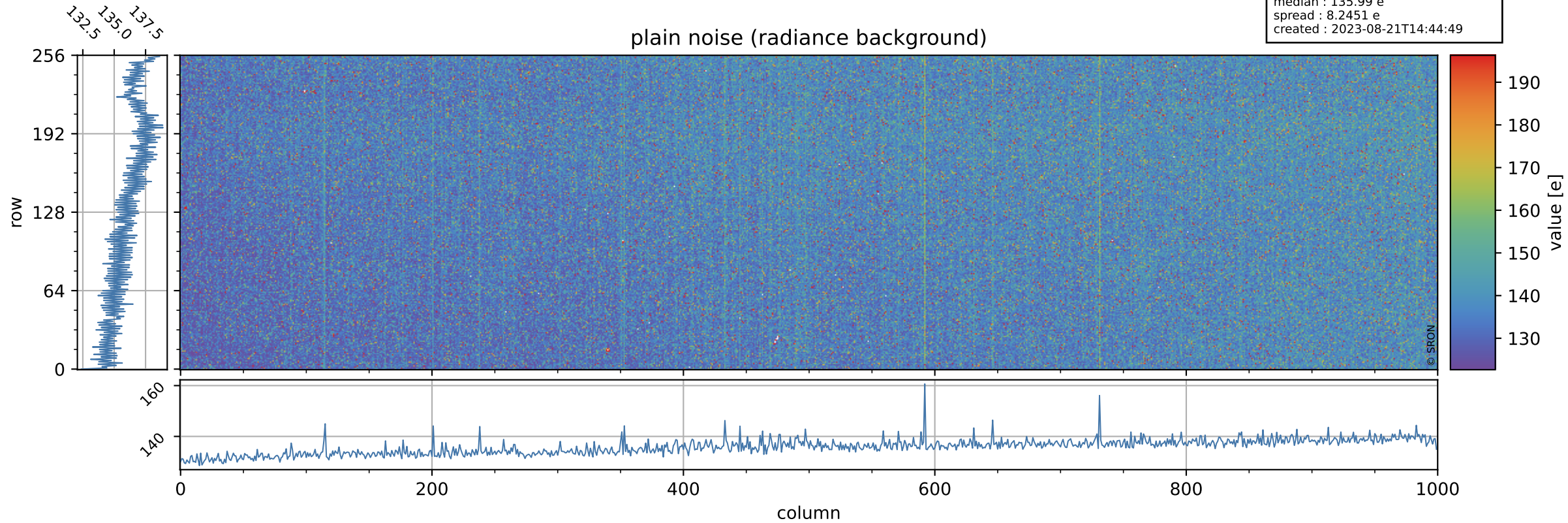
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
n\_coad, t\_exp : 2, 0.5383  
median : 135.99 e  
spread : 8.2451 e  
created : 2023-08-21T14:44:49

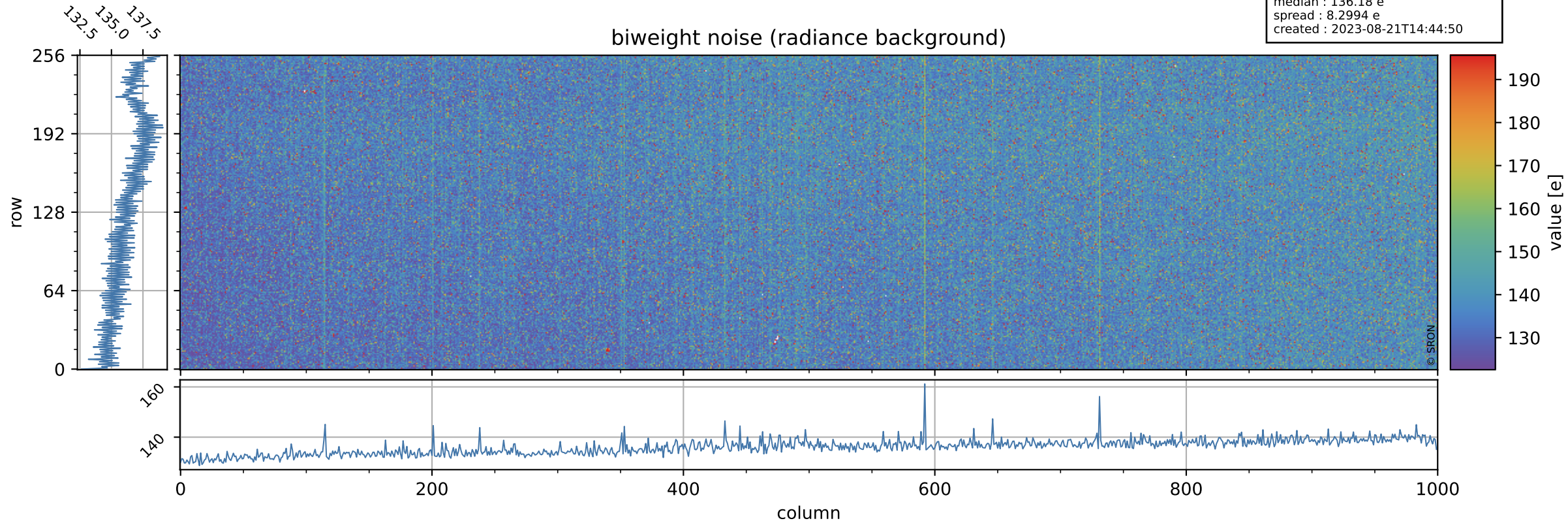
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.2994 e  
created : 2023-08-21T14:44:50

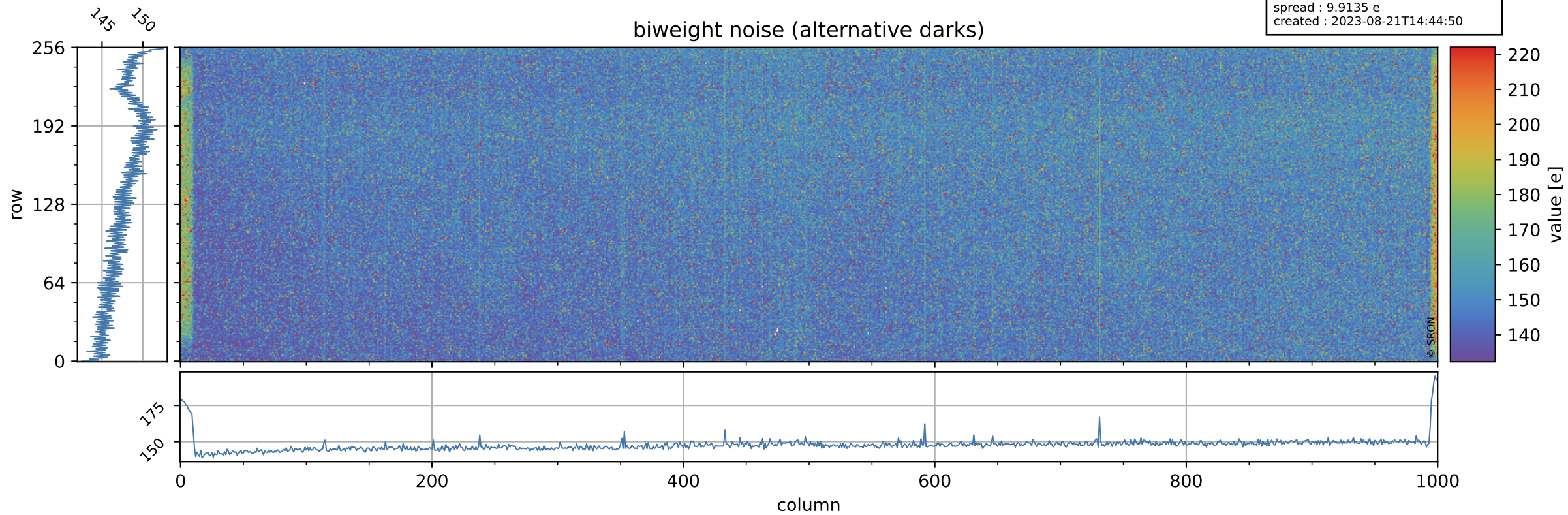
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
n\_coad, t\_exp : 1, 1.0783  
median : 147.54 e  
spread : 9.9135 e  
created : 2023-08-21T14:44:50

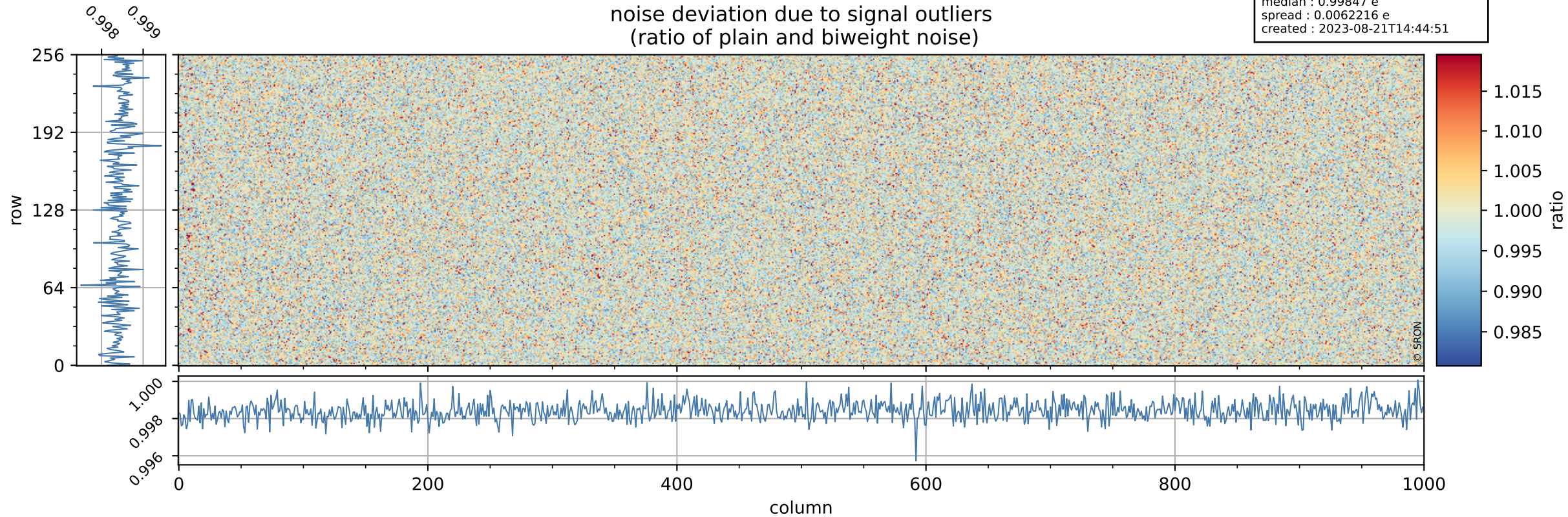
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

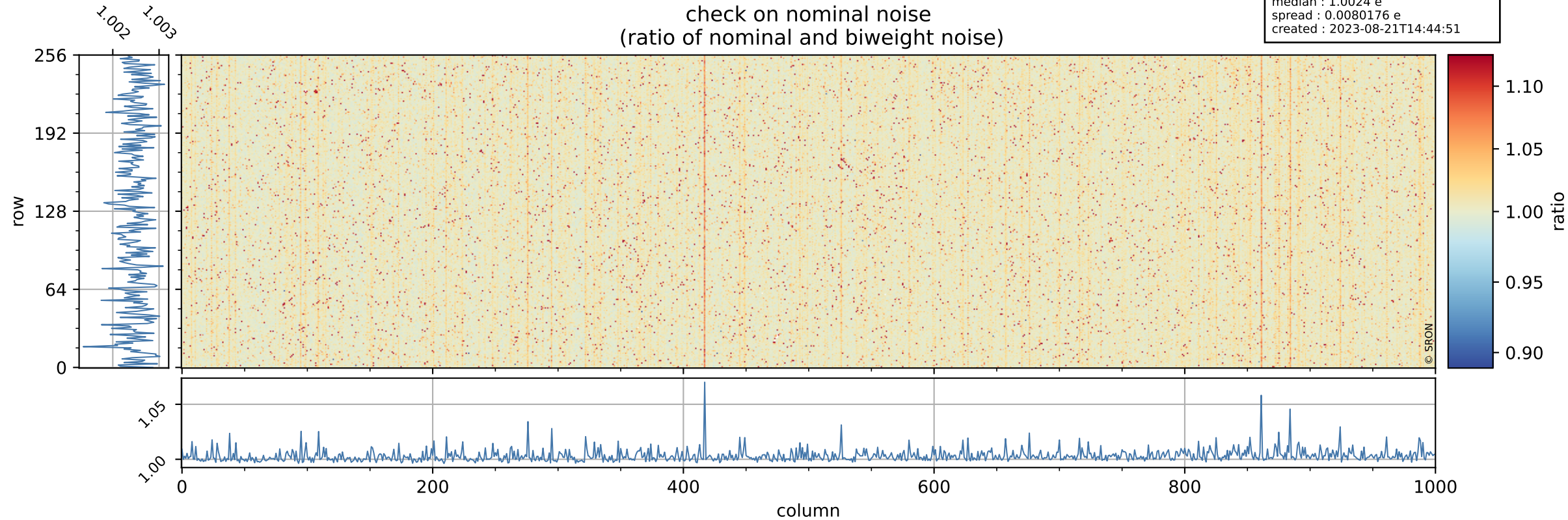
orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
median : 0.99847 e  
spread : 0.0062216 e  
created : 2023-08-21T14:44:51



# Tropomi SWIR background noise (swir)

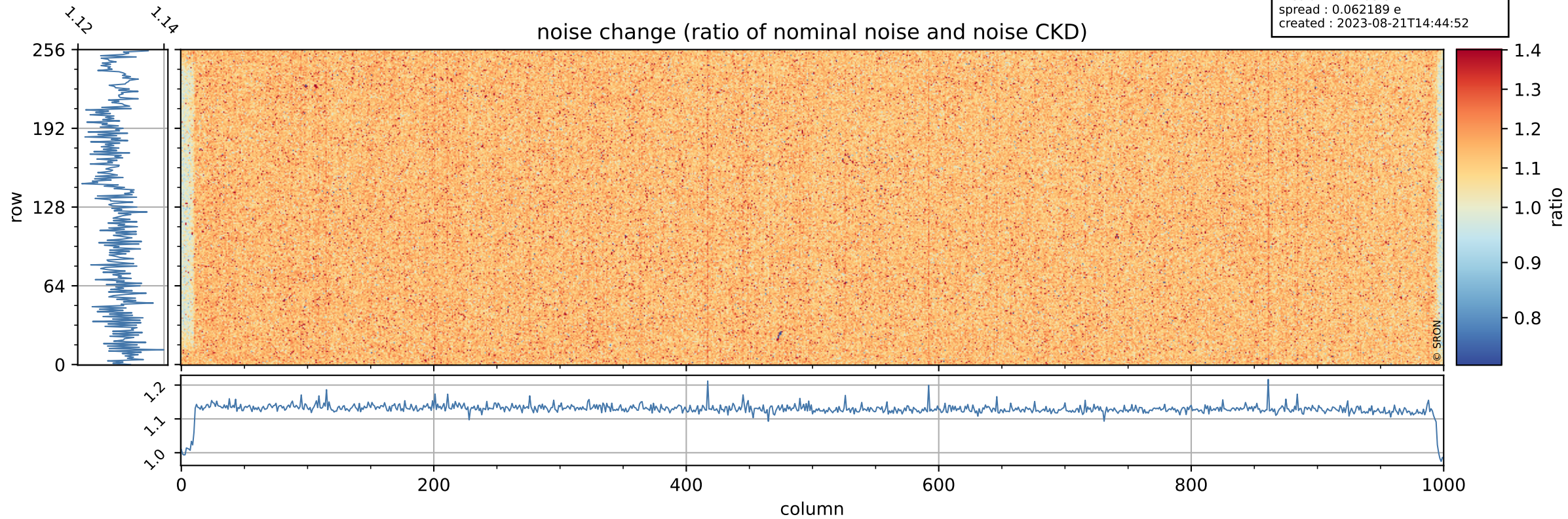
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
median : 1.0024 e  
spread : 0.0080176 e  
created : 2023-08-21T14:44:51



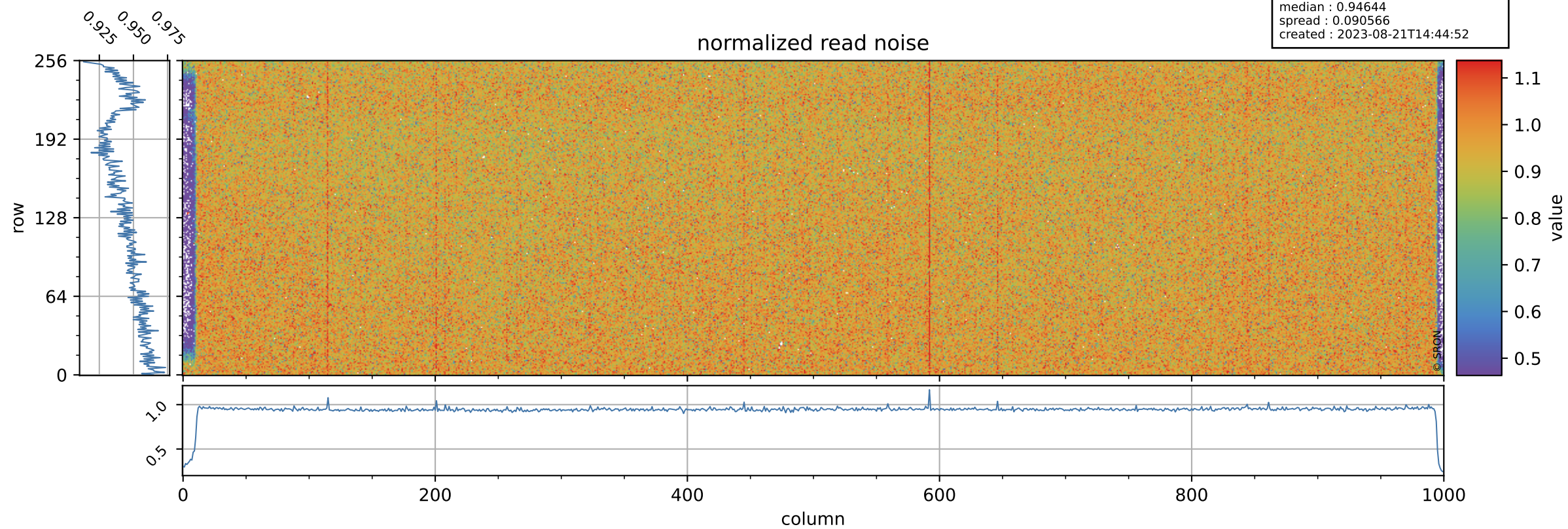
# Tropomi SWIR background noise (swir)

orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
median : 1.1288 e  
spread : 0.062189 e  
created : 2023-08-21T14:44:52



# Tropomi SWIR background noise (swir)

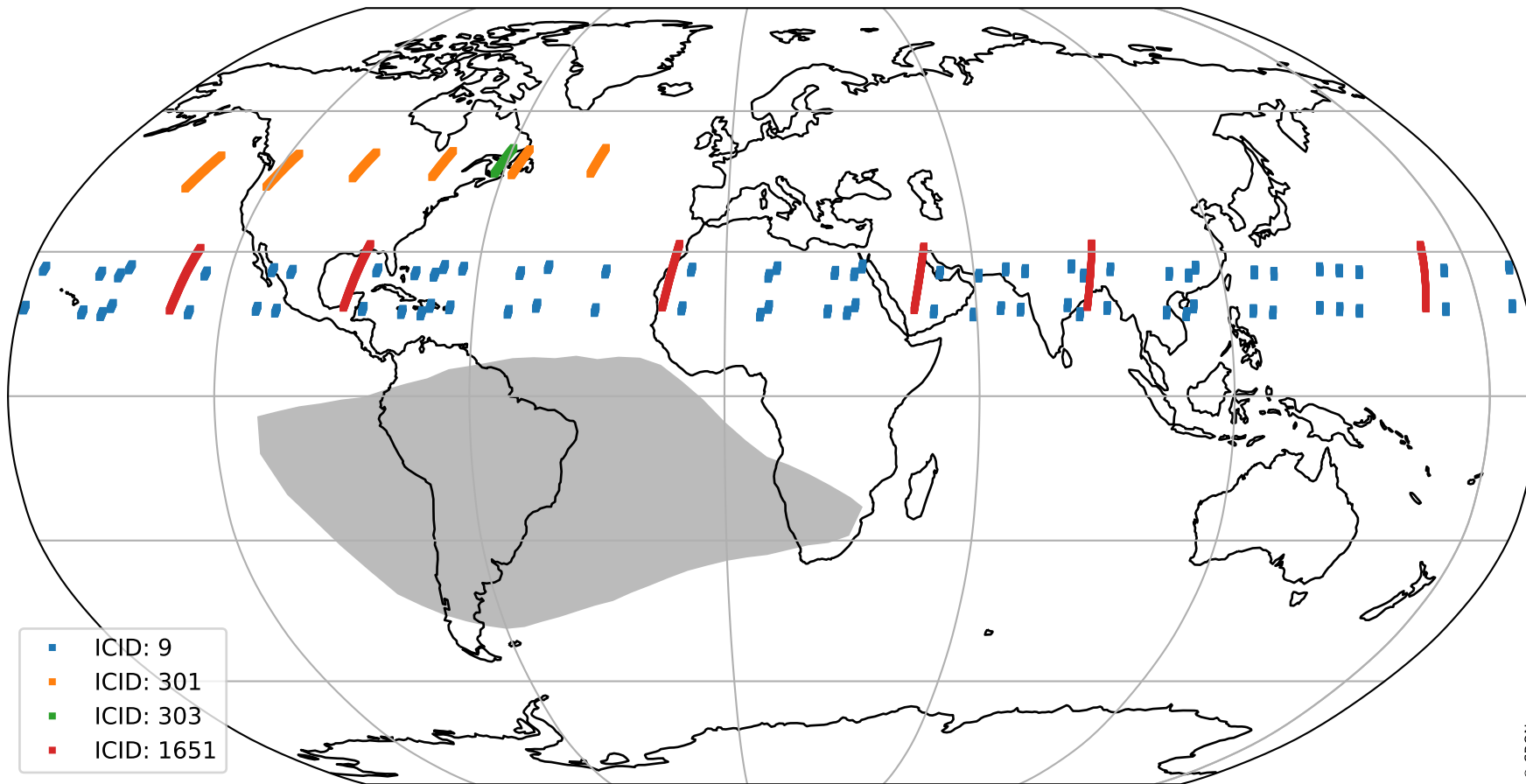
orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
median : 0.94644  
spread : 0.090566  
created : 2023-08-21T14:44:52





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

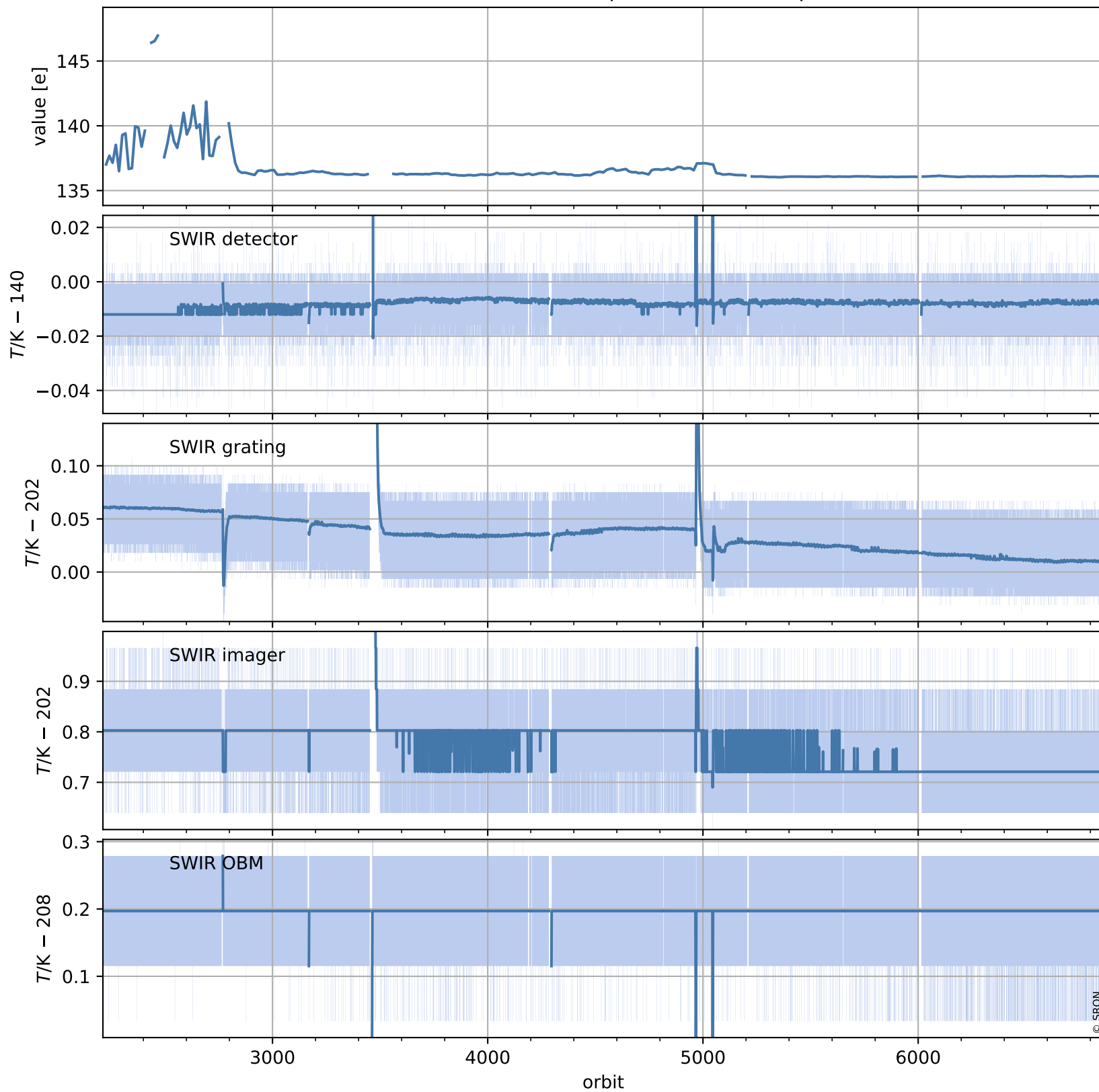
orbits : 13 in [6787, 6862]  
coverage : 2019-02-03 / 2019-02-08  
created : 2023-08-21T14:44:53



# Tropomi SWIR background noise (swir)

orbits : [2212, 6862]  
coverage : 2018-03-18 / 2019-02-08  
created : 2023-08-21T14:44:53

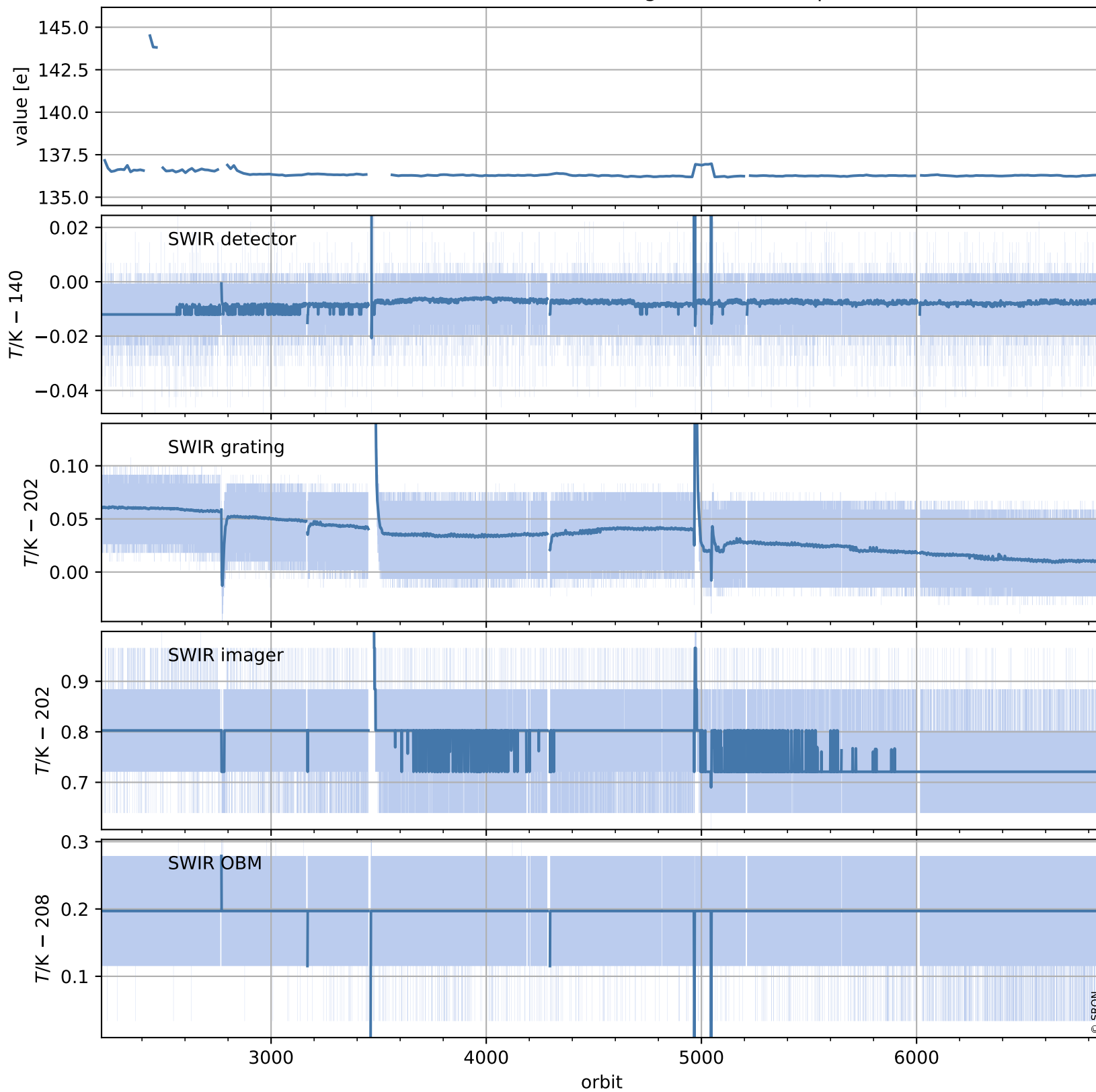
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6862]  
coverage : 2018-03-18 / 2019-02-08  
created : 2023-08-21T14:44:54

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6862]  
coverage : 2018-03-18 / 2019-02-08  
created : 2023-08-21T14:44:54

## trend of normalized read-noise & temperatures

