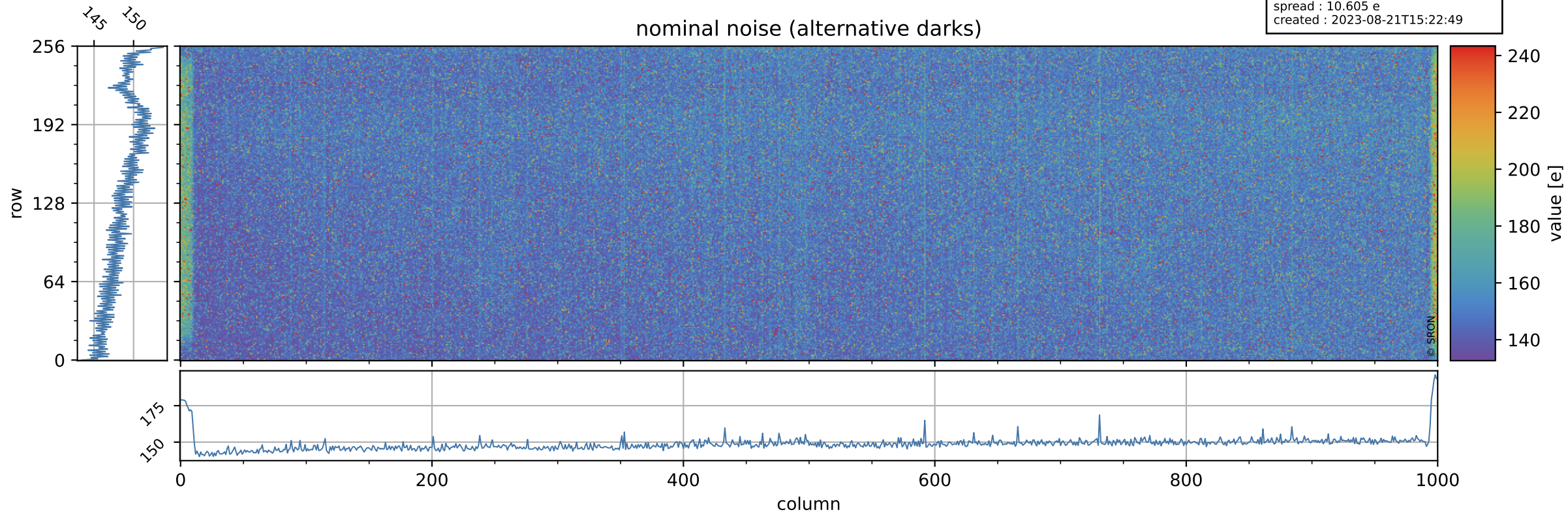


# Tropomi SWIR background noise (swir)

orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.56 e  
spread : 10.605 e  
created : 2023-08-21T15:22:49

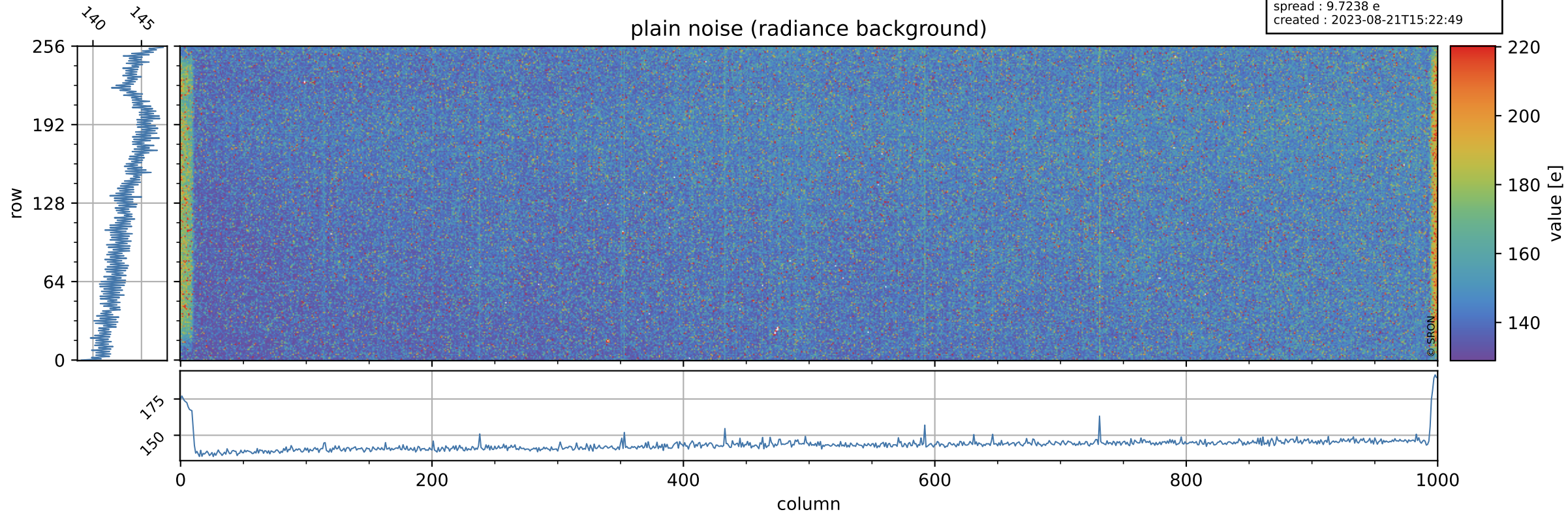
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.35 e  
spread : 9.7238 e  
created : 2023-08-21T15:22:49

## plain noise (radiance background)

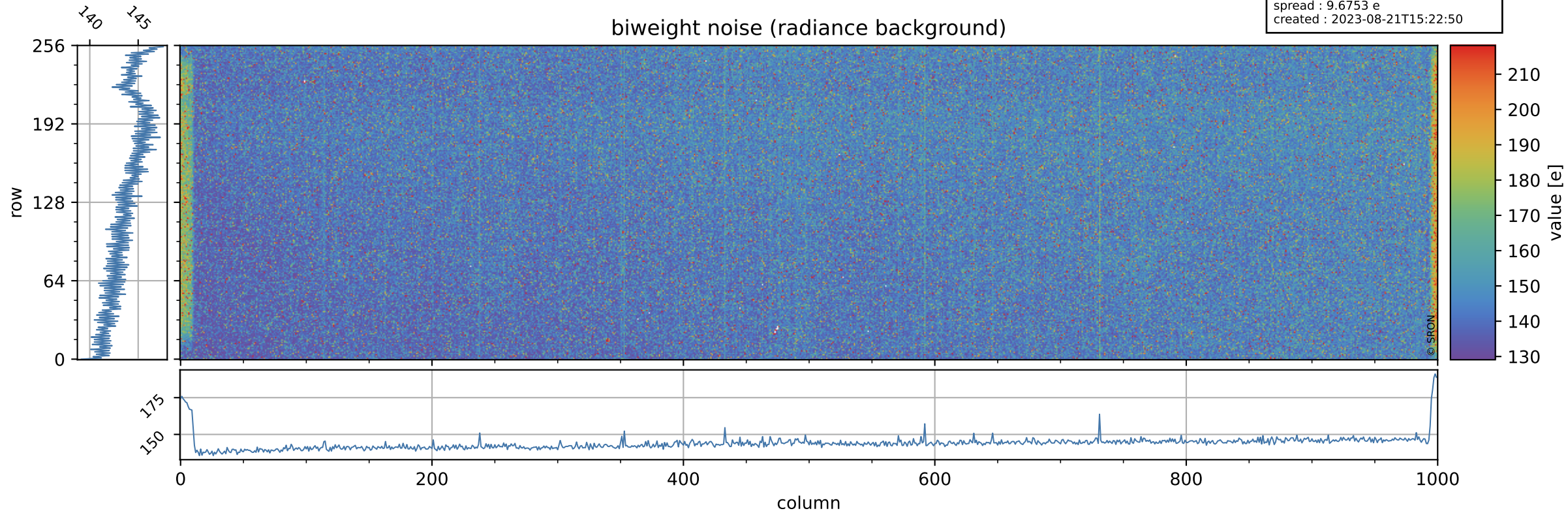




# Tropomi SWIR background noise (swir)

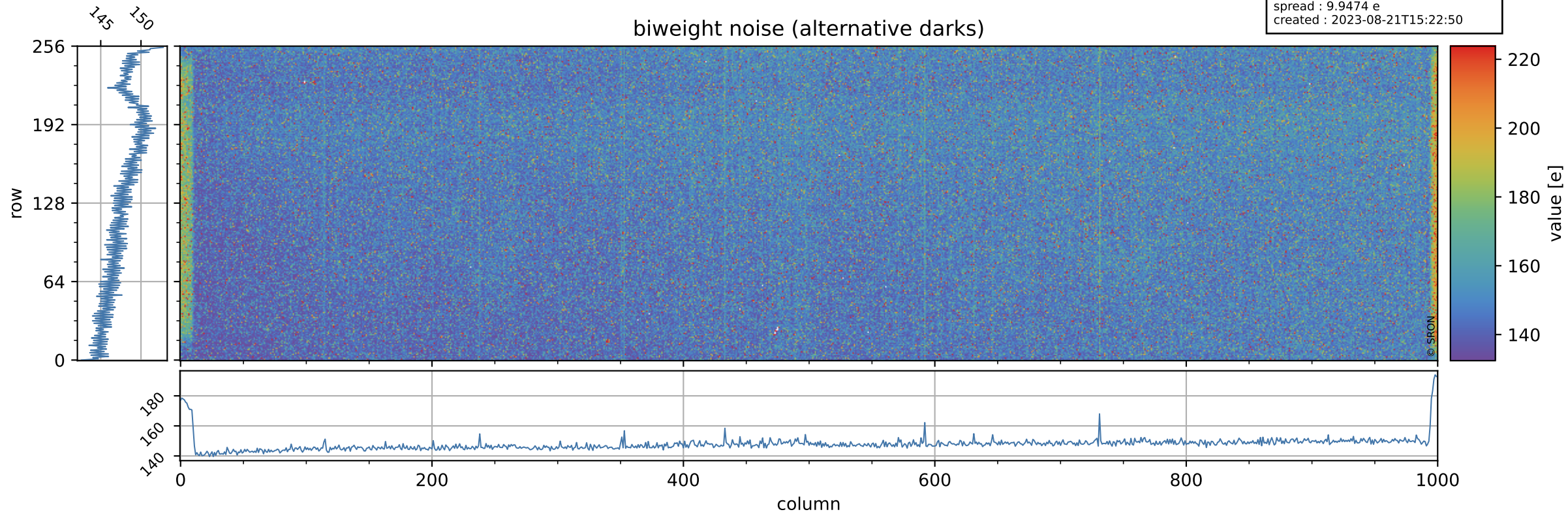
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6753 e  
created : 2023-08-21T15:22:50

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 9.9474 e  
created : 2023-08-21T15:22:50

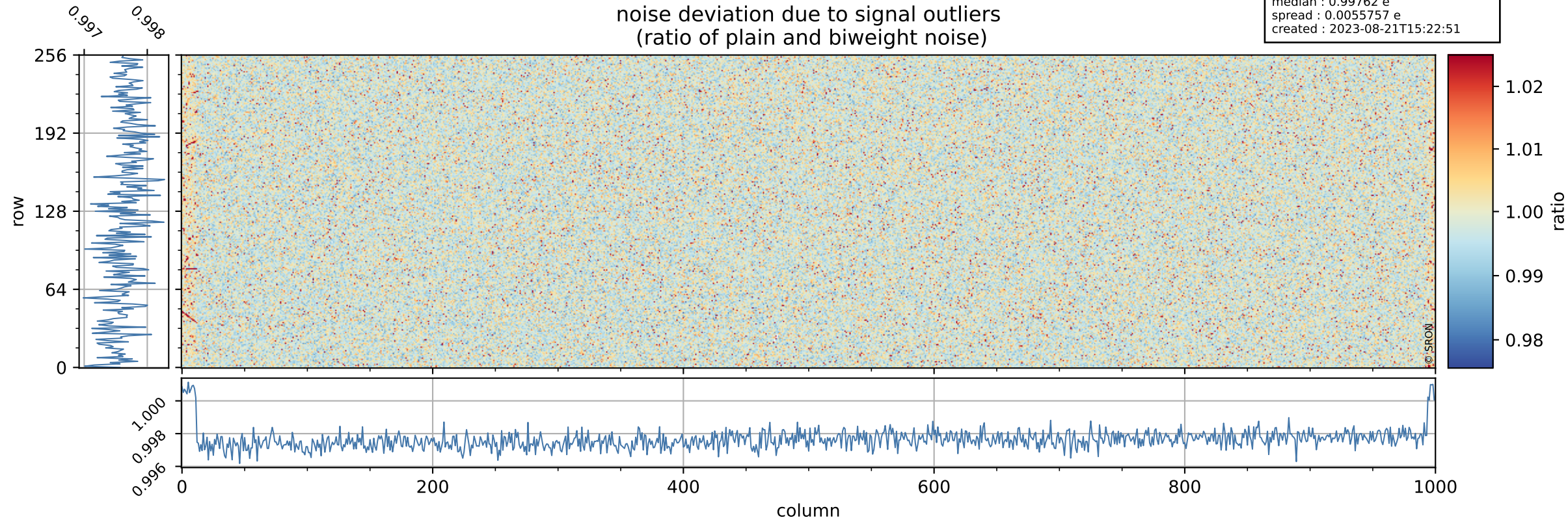




# Tropomi SWIR background noise (swir)

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

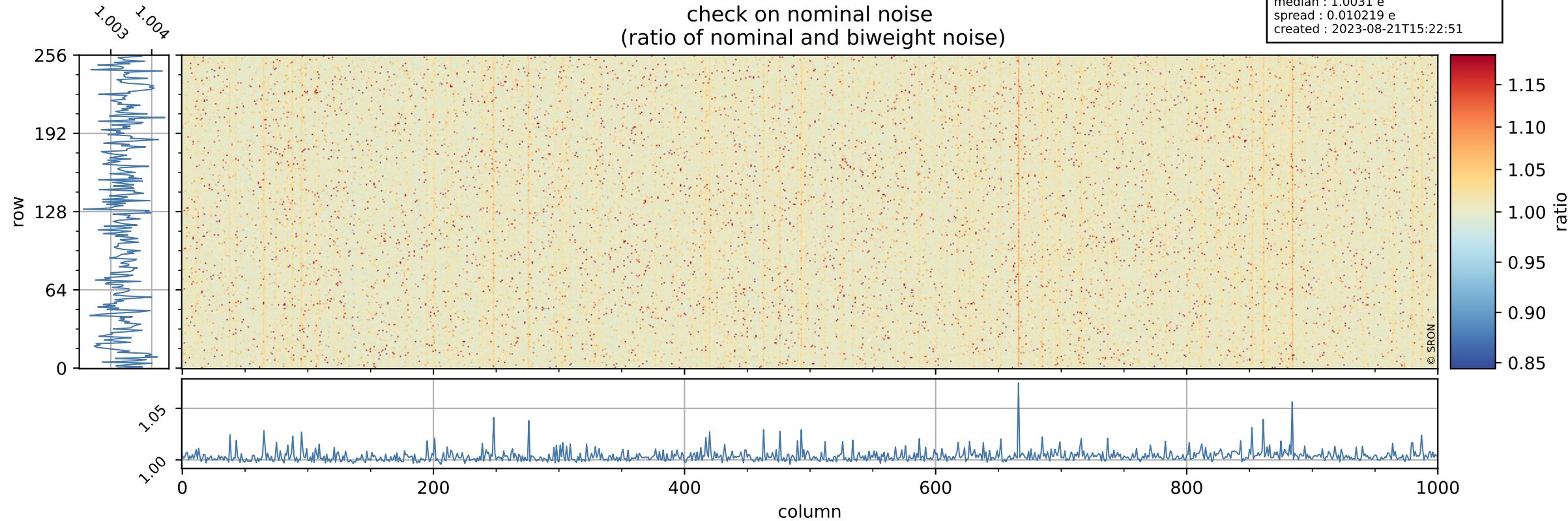
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
median : 0.99762 e  
spread : 0.0055757 e  
created : 2023-08-21T15:22:51



# Tropomi SWIR background noise (swir)

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

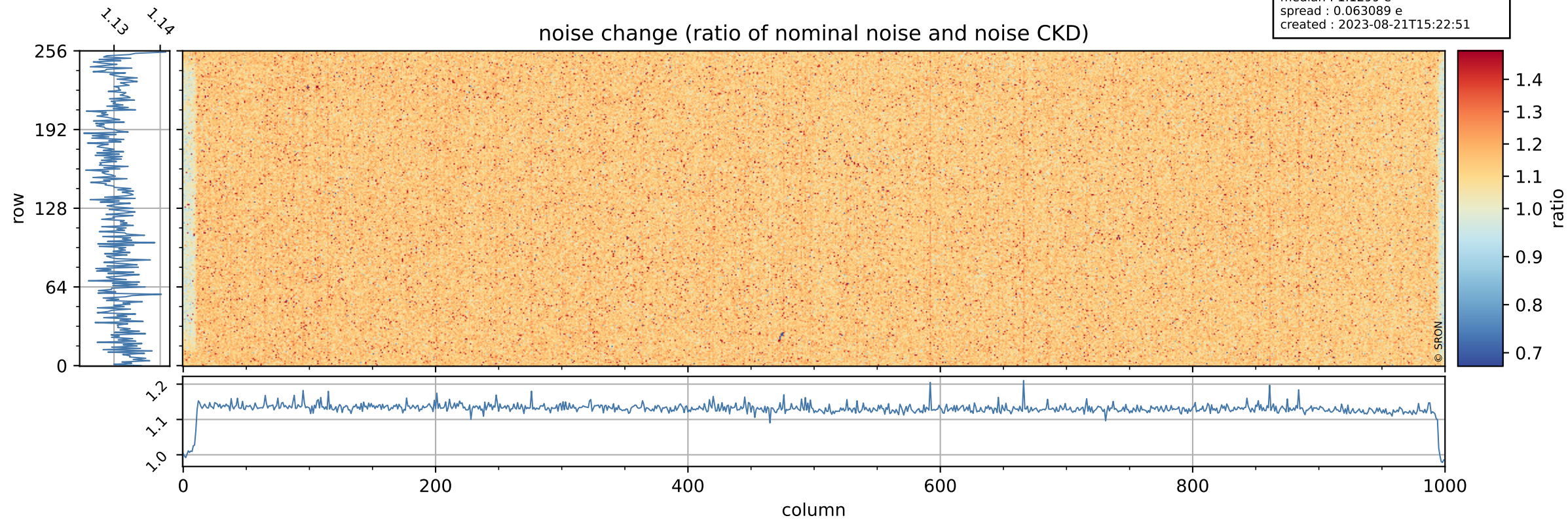
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
median : 1.0031 e  
spread : 0.010219 e  
created : 2023-08-21T15:22:51





# Tropomi SWIR background noise (swir)

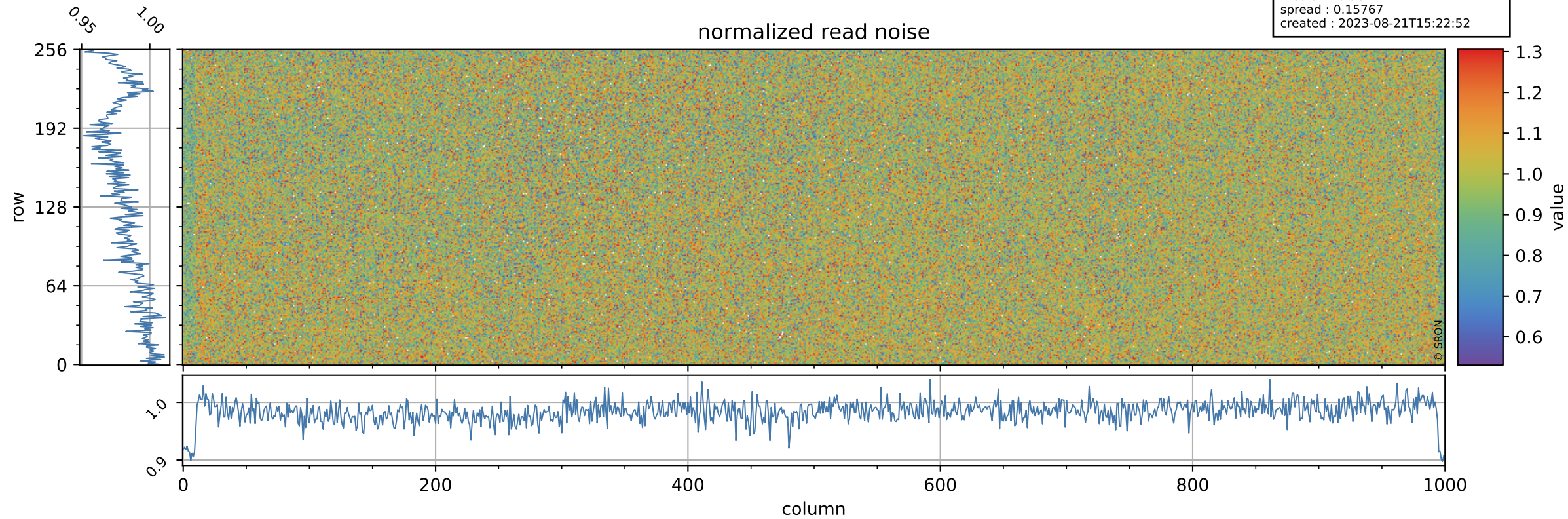
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
median : 1.1299 e  
spread : 0.063089 e  
created : 2023-08-21T15:22:51





# Tropomi SWIR background noise (swir)

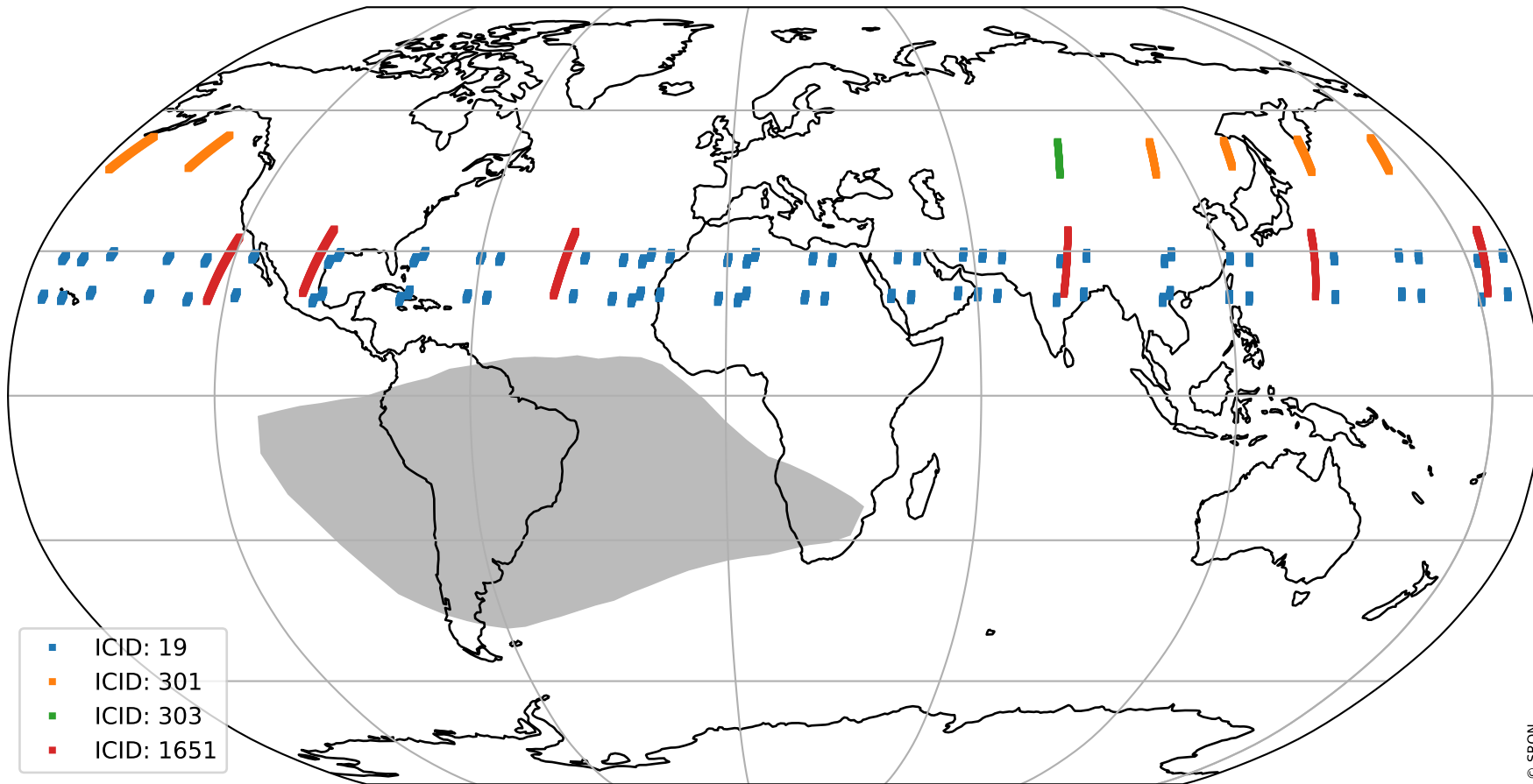
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
median : 0.98221  
spread : 0.15767  
created : 2023-08-21T15:22:52





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

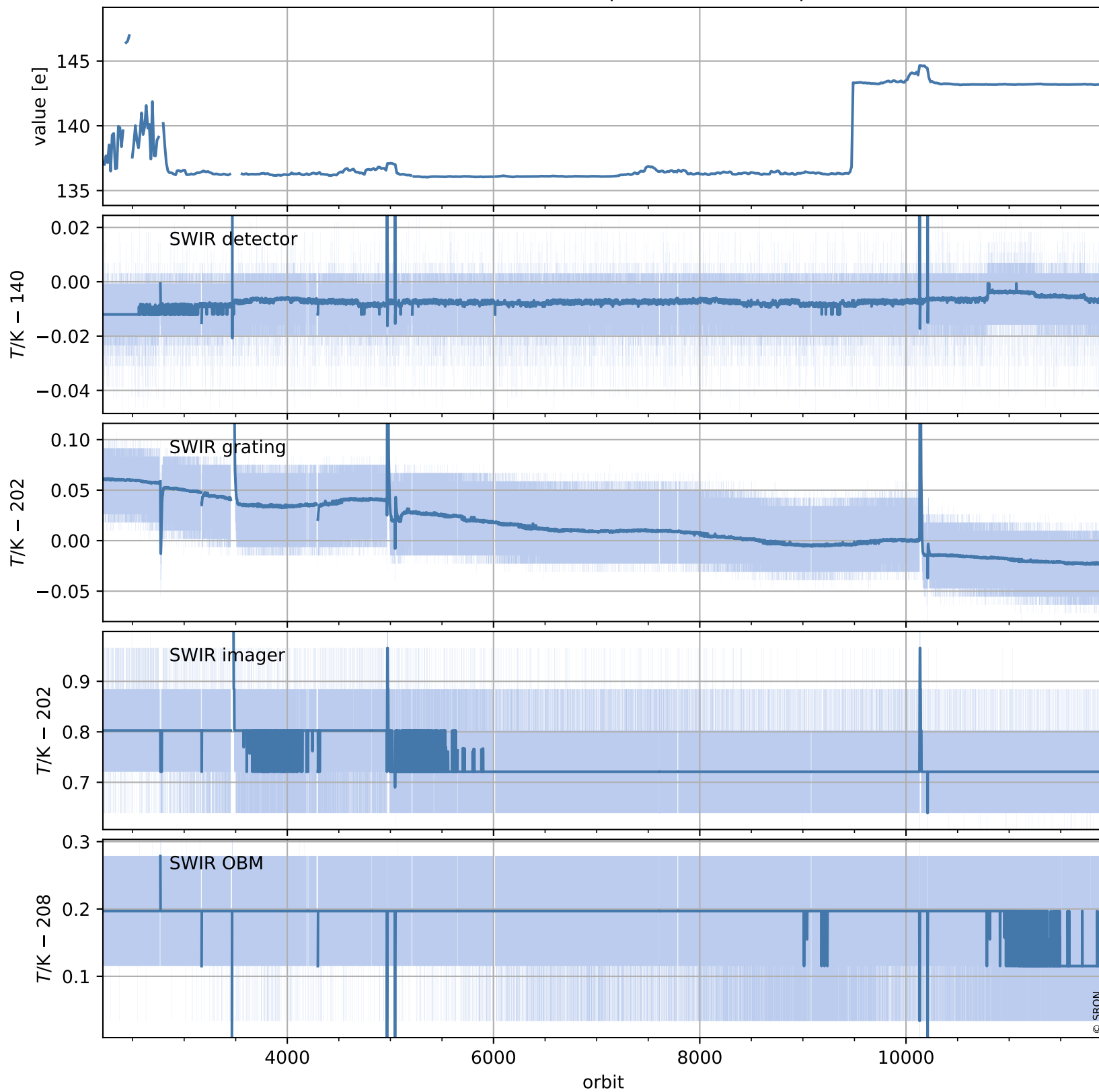
orbits : 13 in [11827, 11917]  
coverage : 2020-01-25 / 2020-01-31  
created : 2023-08-21T15:22:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 11917]  
coverage : 2018-03-18 / 2020-01-31  
created : 2023-08-21T15:22:52

## trend of detector median of plain noise & temperatures

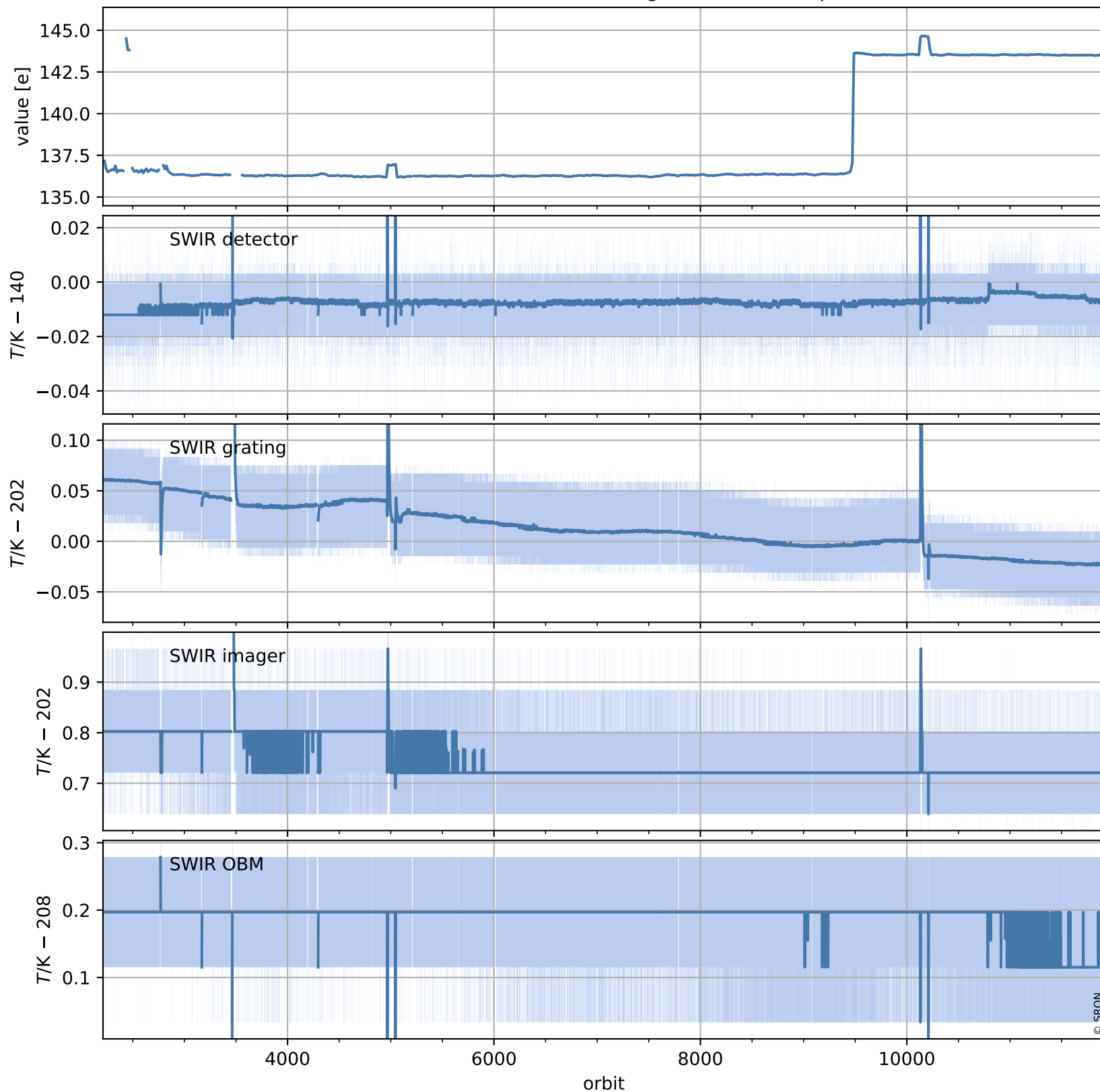




# Tropomi SWIR background noise (swir)

orbits : [2212, 11917]  
coverage : 2018-03-18 / 2020-01-31  
created : 2023-08-21T15:22:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11917]  
coverage : 2018-03-18 / 2020-01-31  
created : 2023-08-21T15:22:54

## trend of normalized read-noise & temperatures

