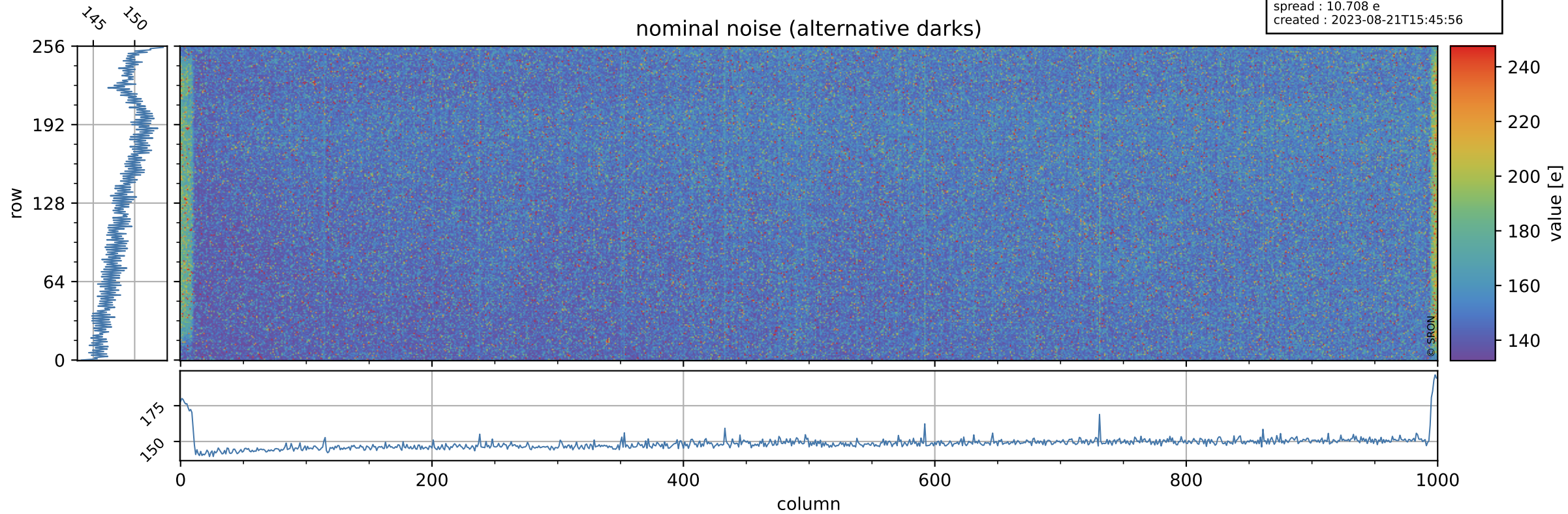


# Tropomi SWIR background noise (swir)

orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.708 e  
created : 2023-08-21T15:45:56

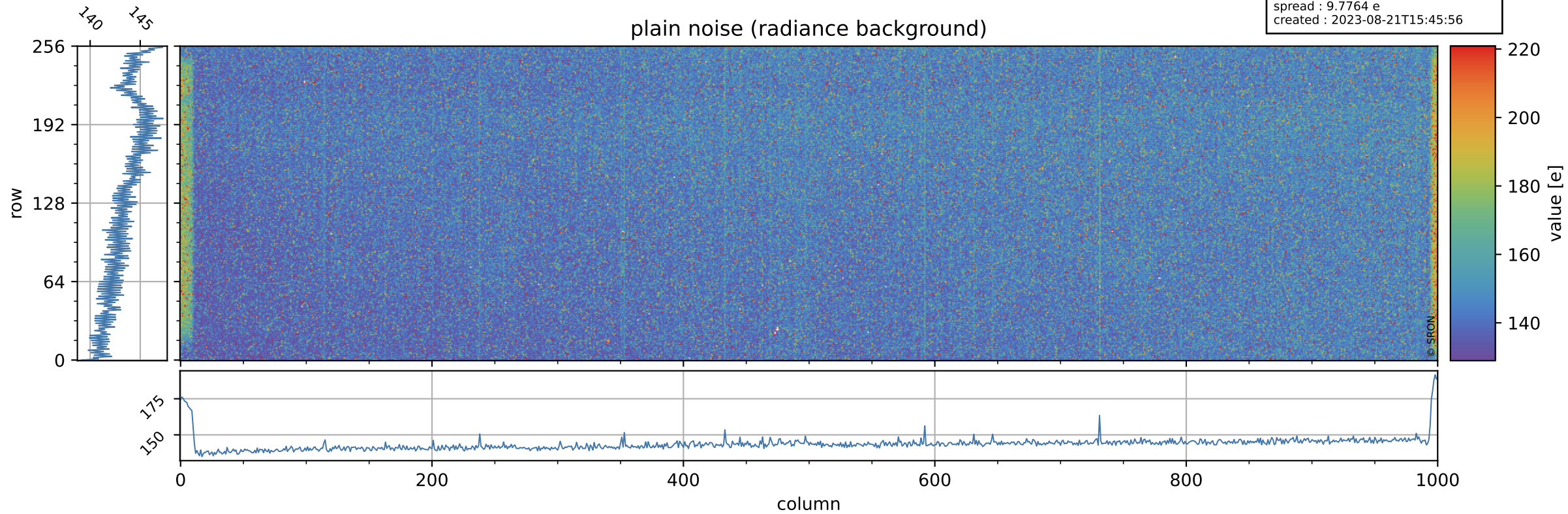
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.41 e  
spread : 9.7764 e  
created : 2023-08-21T15:45:56

plain noise (radiance background)

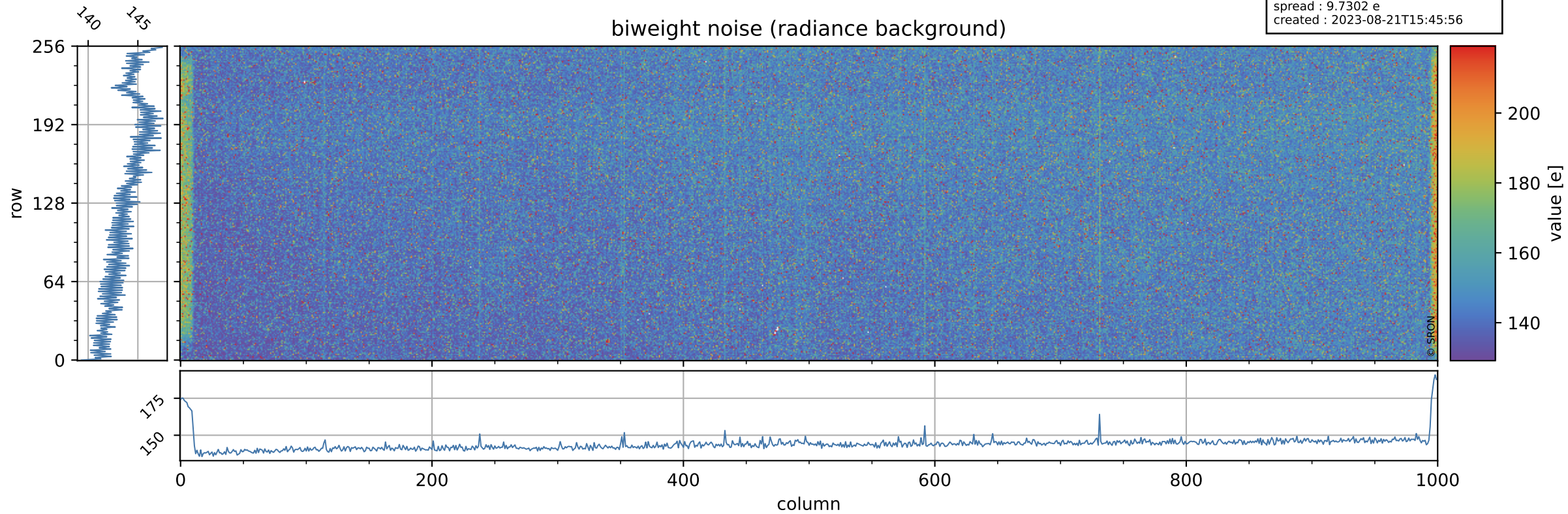




# Tropomi SWIR background noise (swir)

orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.7302 e  
created : 2023-08-21T15:45:56

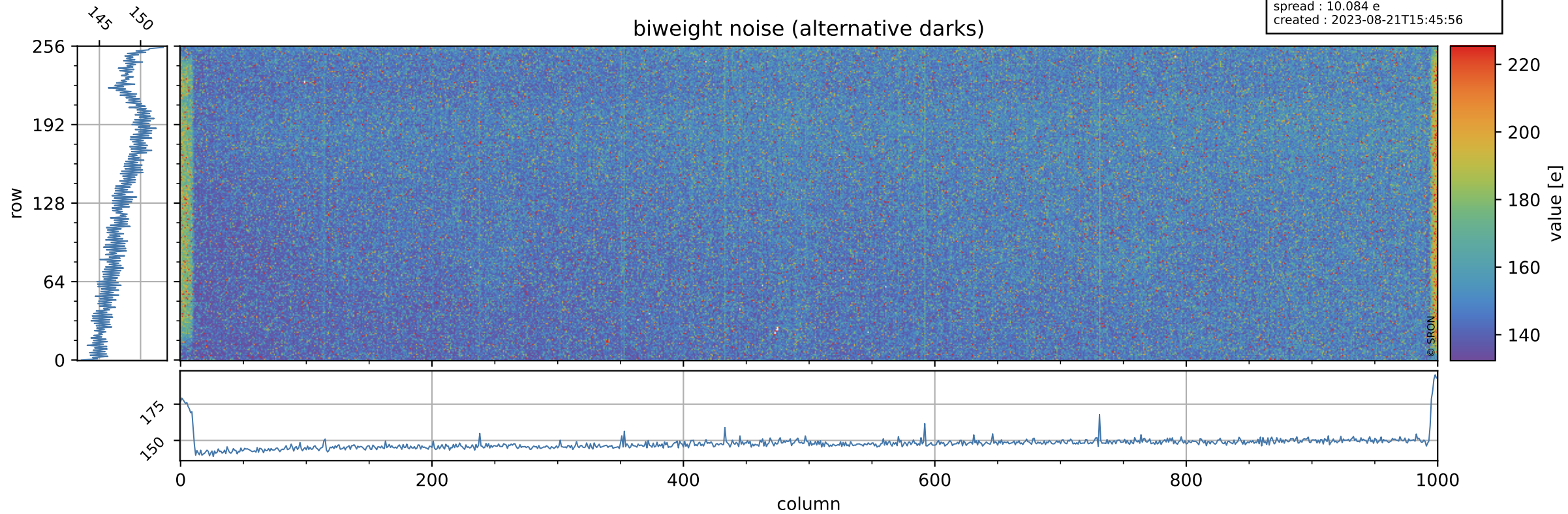
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.084 e  
created : 2023-08-21T15:45:56

## biweight noise (alternative darks)

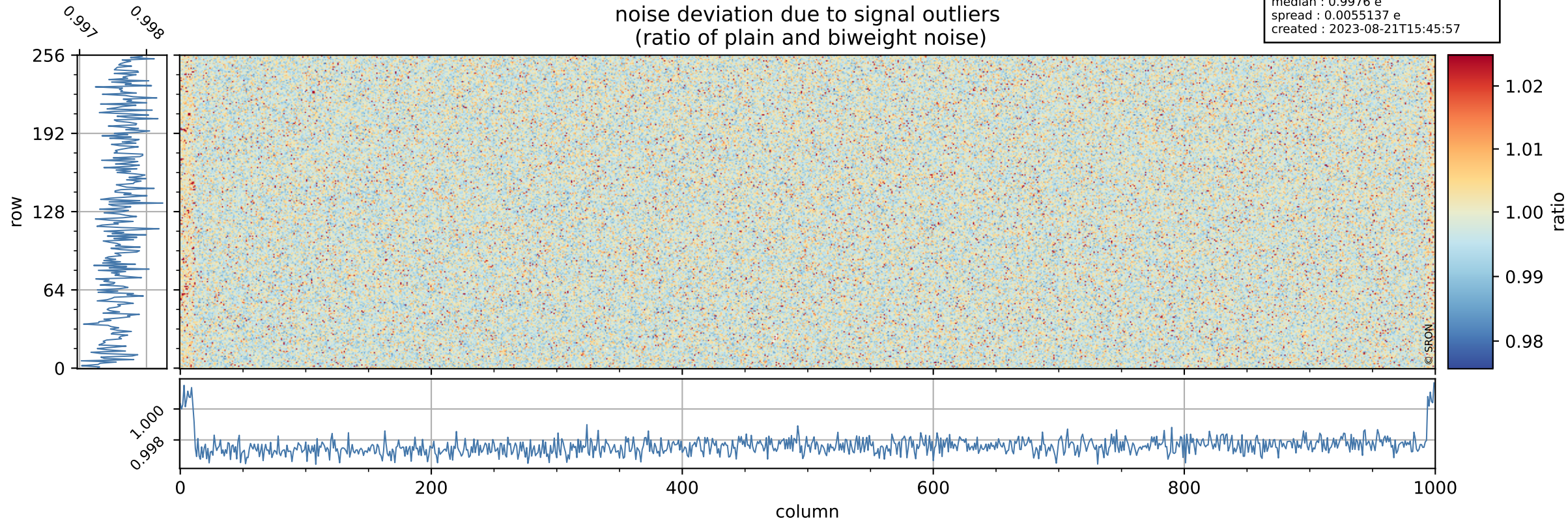




# Tropomi SWIR background noise (swir)

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

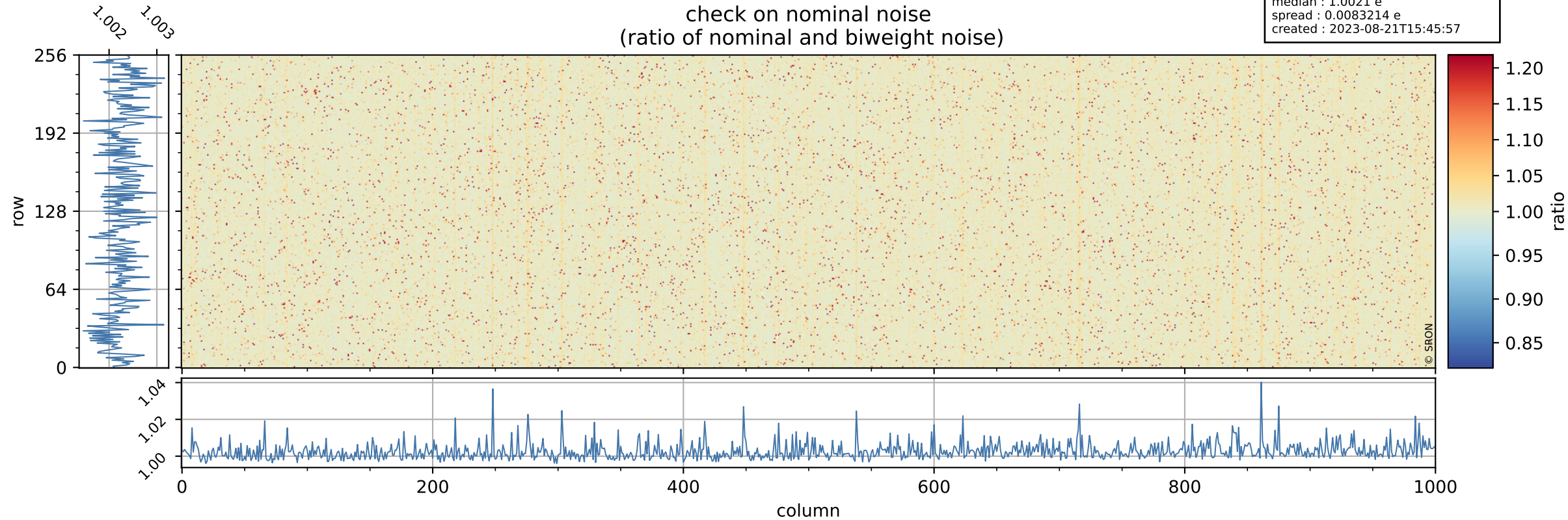
orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
median : 0.9976 e  
spread : 0.0055137 e  
created : 2023-08-21T15:45:57



# Tropomi SWIR background noise (swir)

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

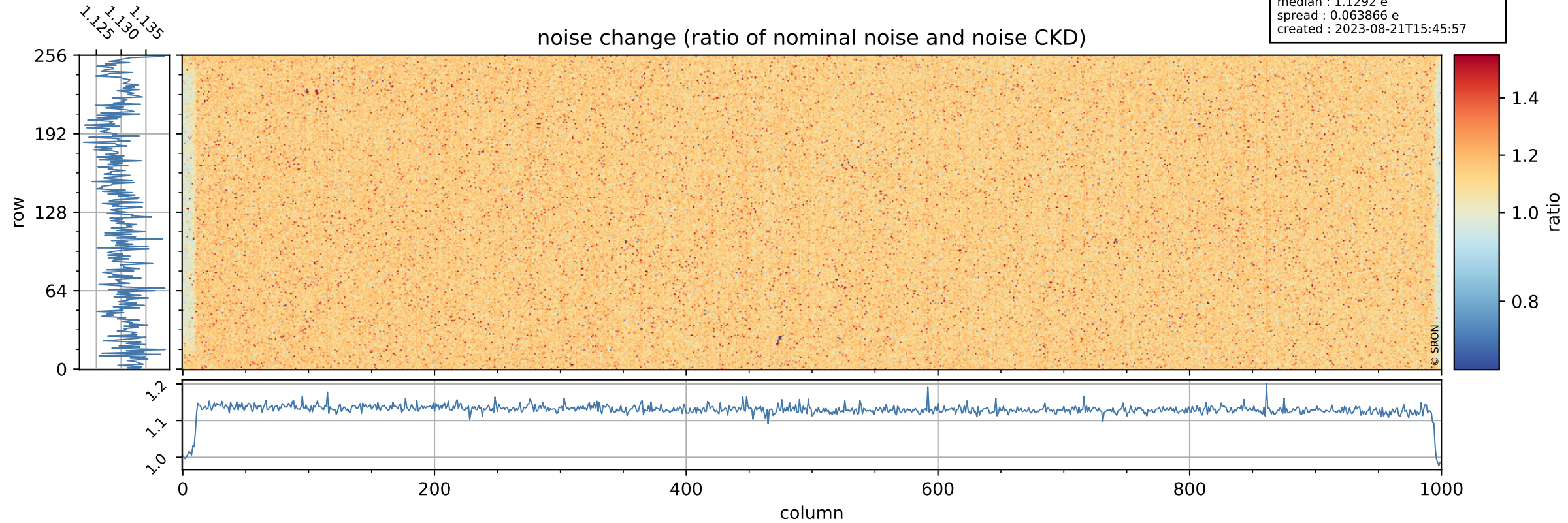
orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
median : 1.0021 e  
spread : 0.0083214 e  
created : 2023-08-21T15:45:57





# Tropomi SWIR background noise (swir)

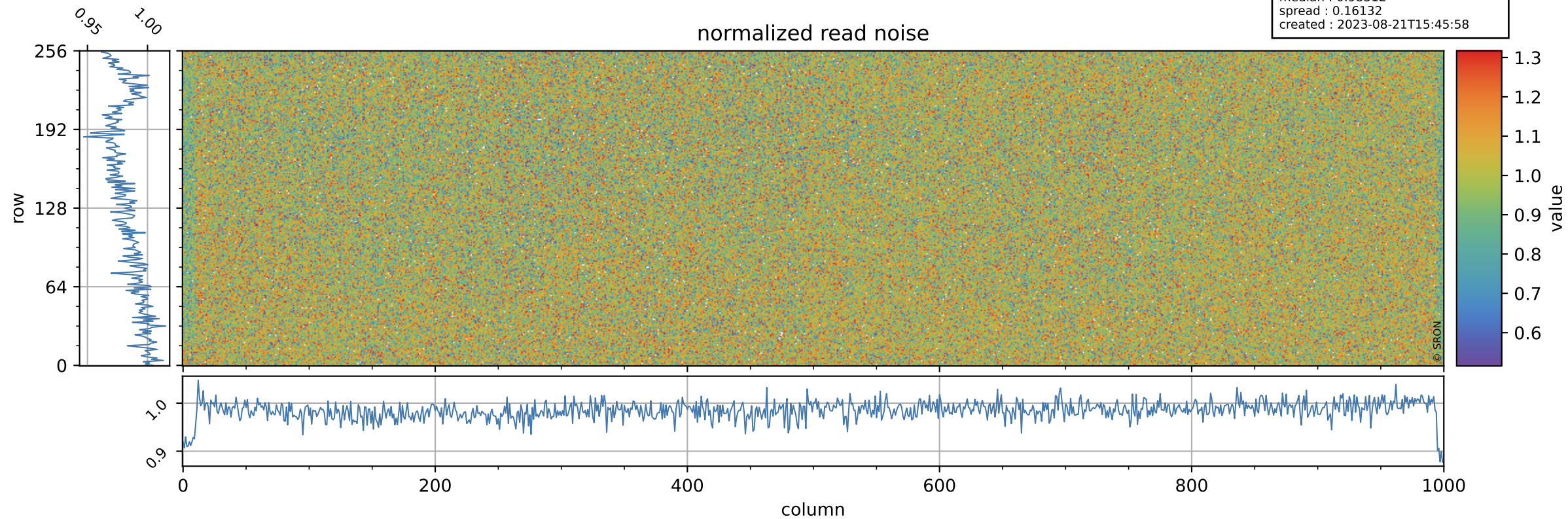
orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
median : 1.1292 e  
spread : 0.063866 e  
created : 2023-08-21T15:45:57





# Tropomi SWIR background noise (swir)

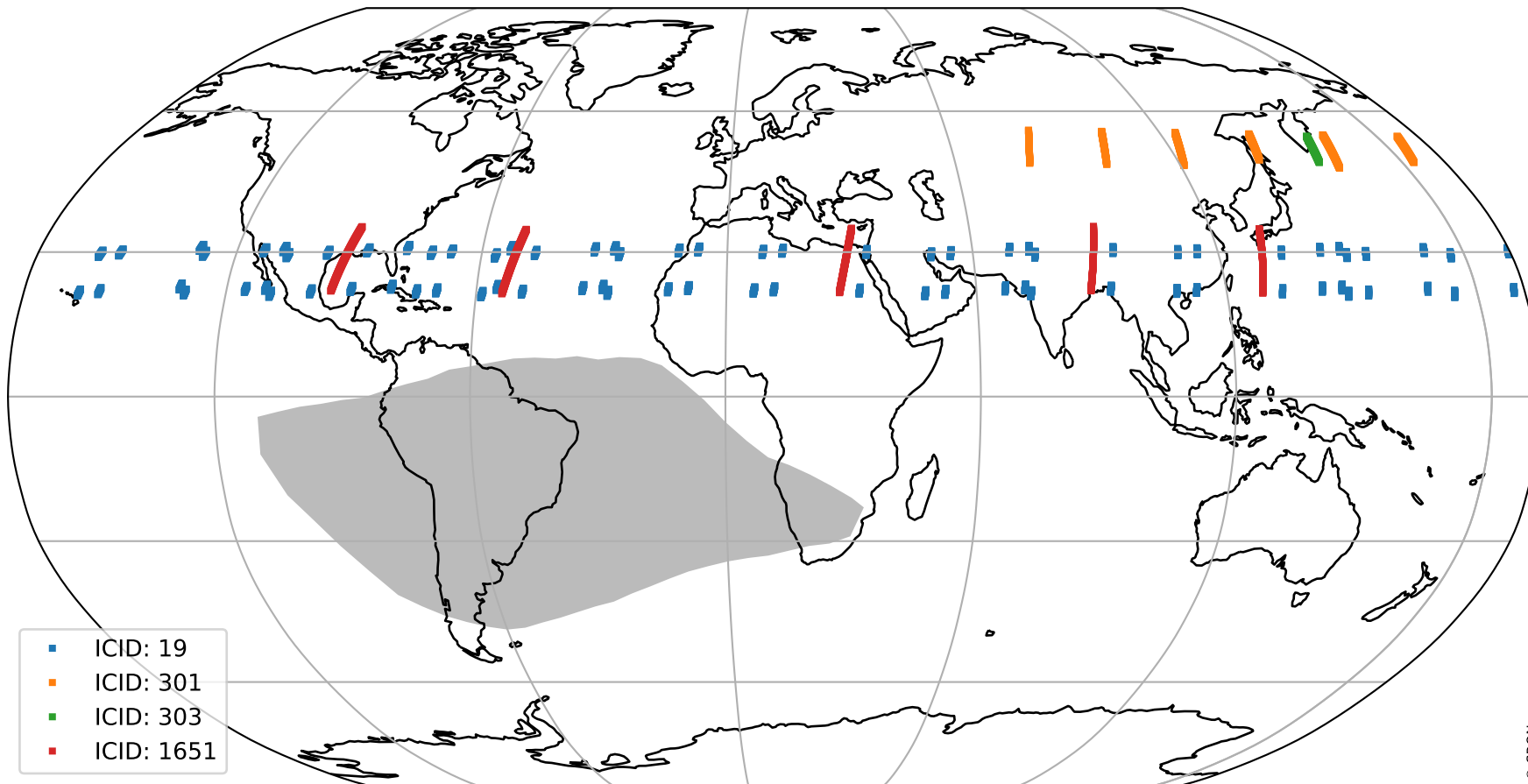
orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
median : 0.98312  
spread : 0.16132  
created : 2023-08-21T15:45:58





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

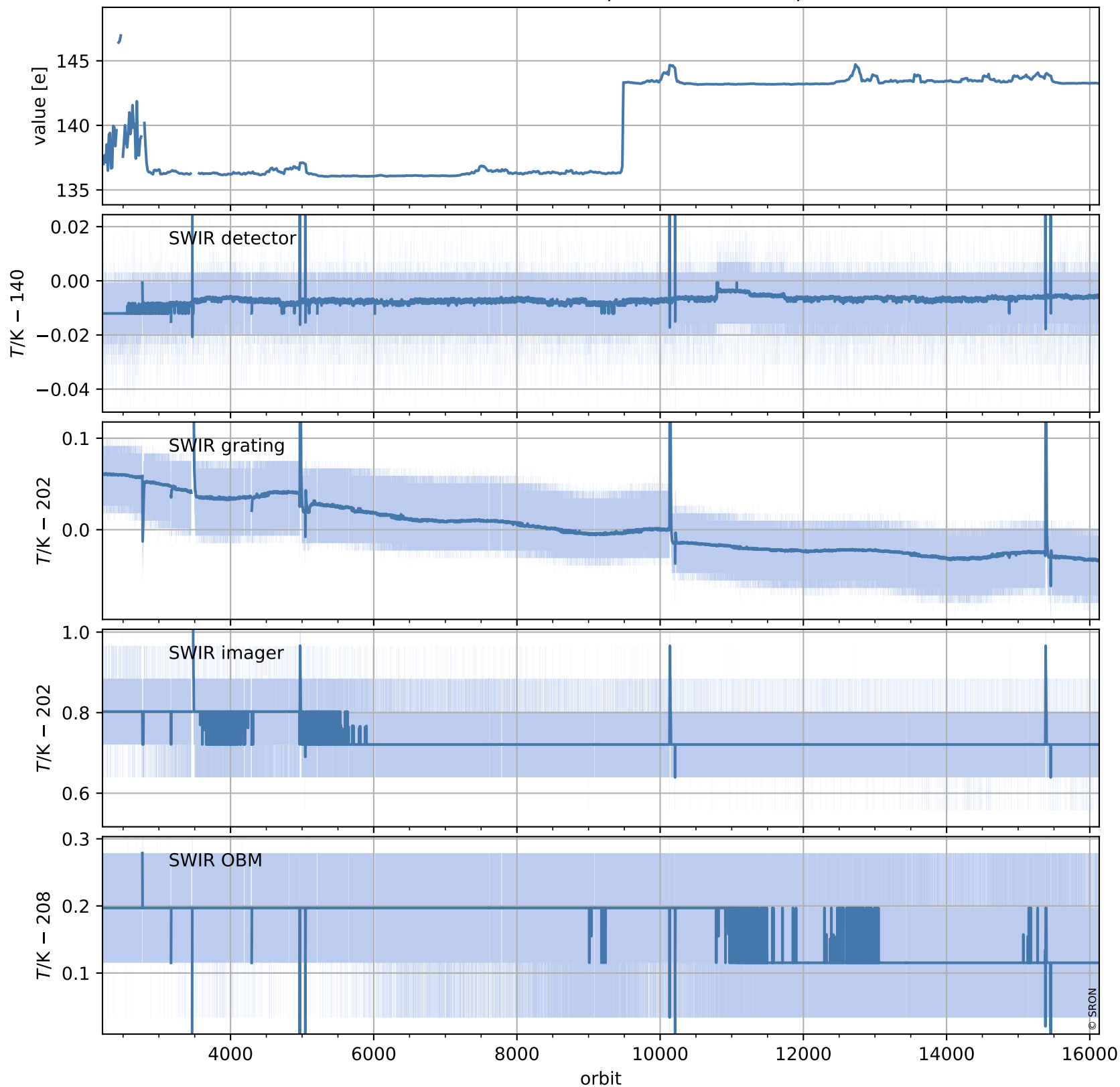
orbits : 12 in [16057, 16132]  
coverage : 2020-11-17 / 2020-11-22  
created : 2023-08-21T15:45:58



# Tropomi SWIR background noise (swir)

orbits : [2212, 16132]  
coverage : 2018-03-18 / 2020-11-22  
created : 2023-08-21T15:45:58

## trend of detector median of plain noise & temperatures

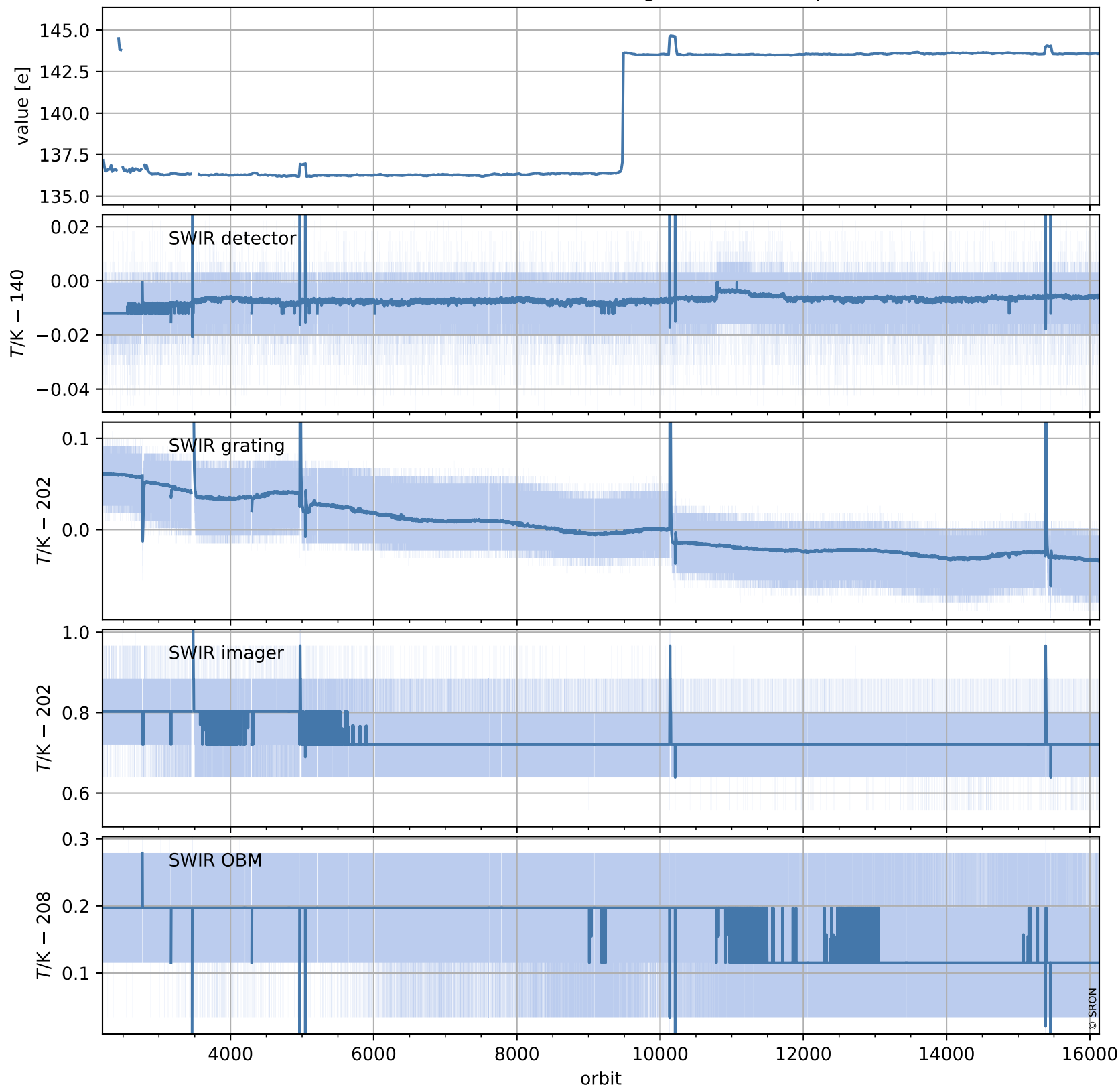




# Tropomi SWIR background noise (swir)

orbits : [2212, 16132]  
coverage : 2018-03-18 / 2020-11-22  
created : 2023-08-21T15:45:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 16132]  
coverage : 2018-03-18 / 2020-11-22  
created : 2023-08-21T15:46:00

## trend of normalized read-noise & temperatures

