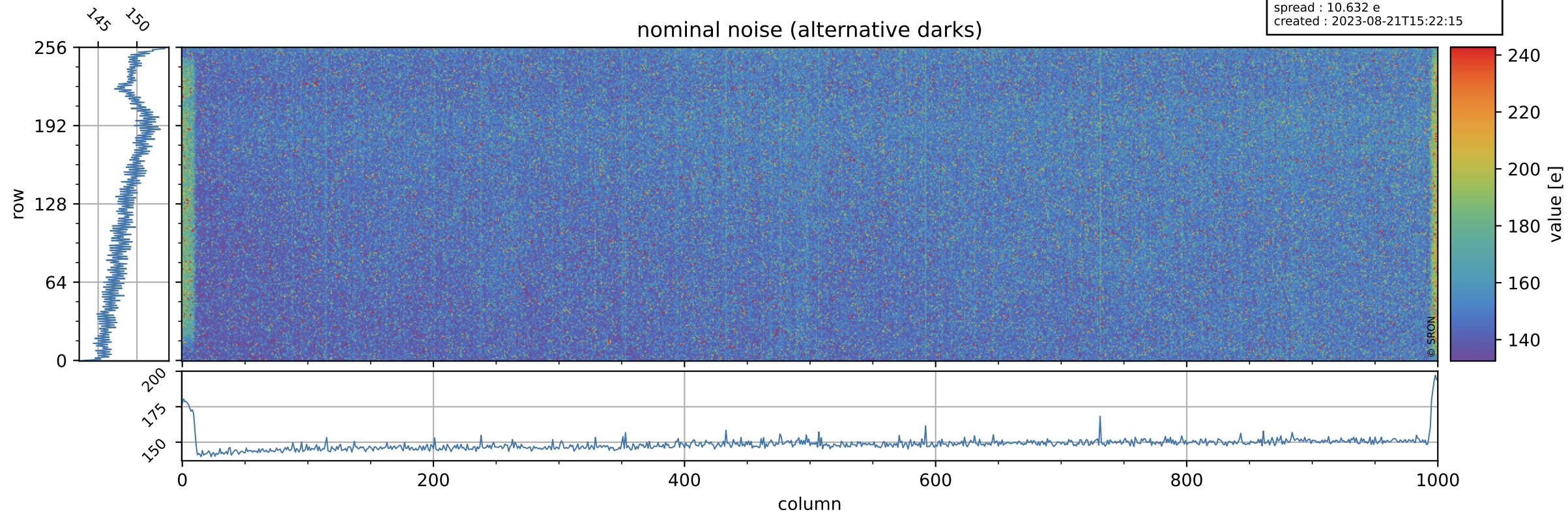


# Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.55 e  
spread : 10.632 e  
created : 2023-08-21T15:22:15

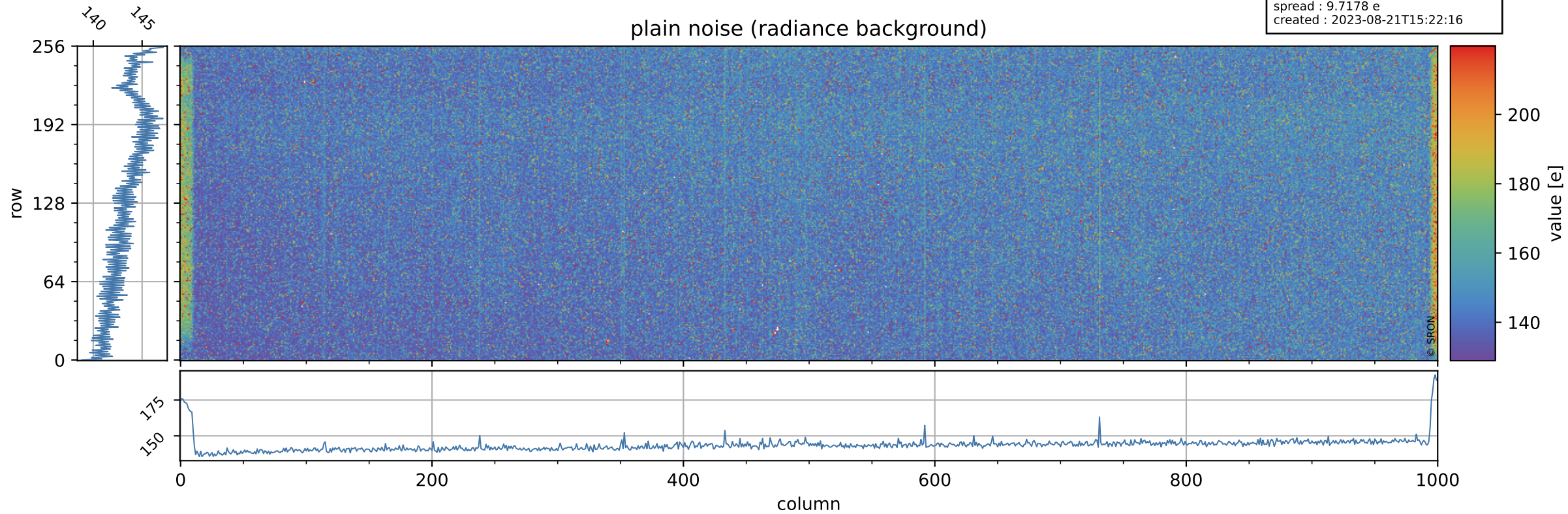
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.32 e  
spread : 9.7178 e  
created : 2023-08-21T15:22:16

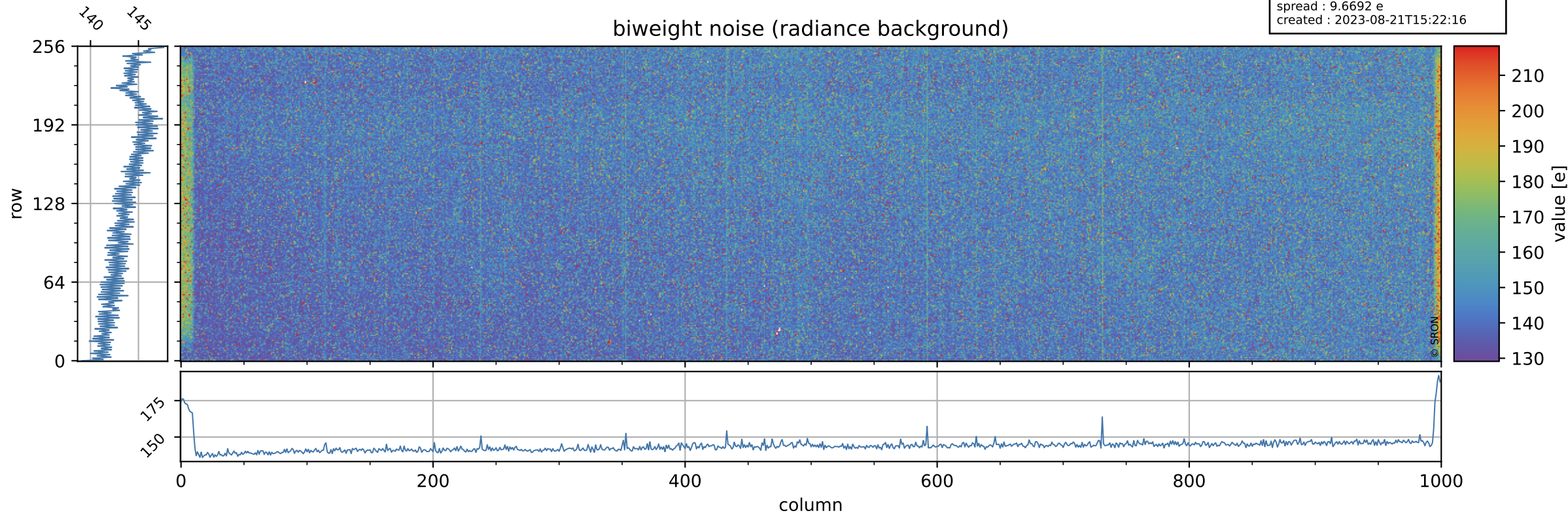
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

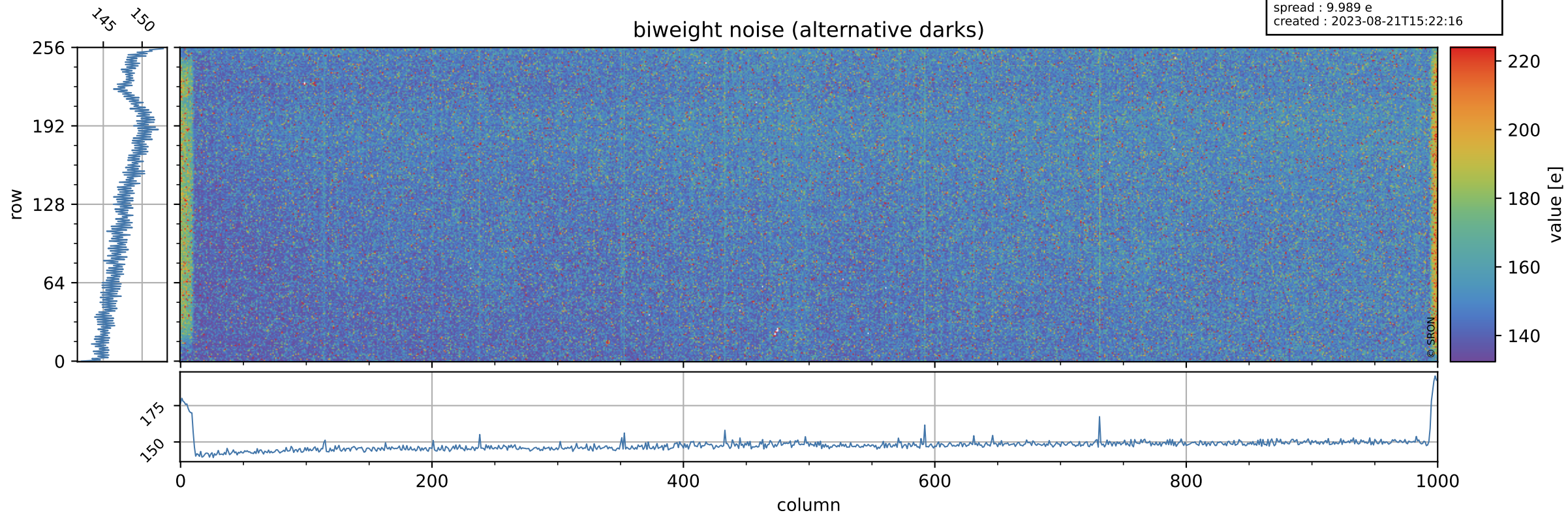
orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.63 e  
spread : 9.6692 e  
created : 2023-08-21T15:22:16

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

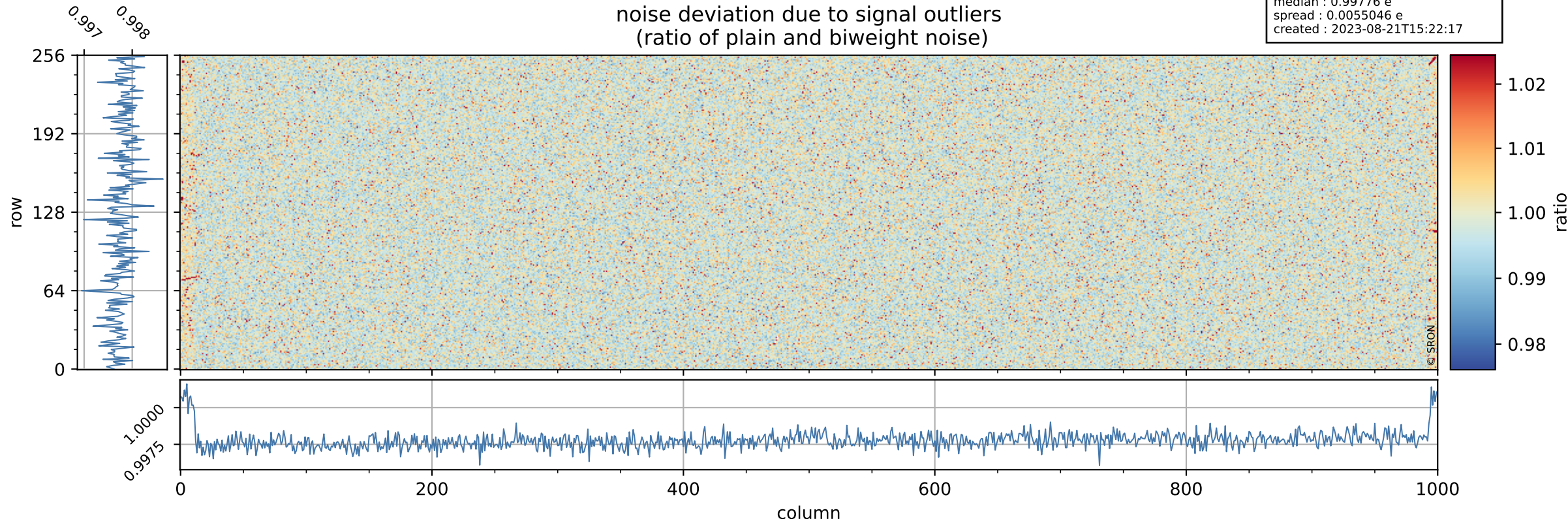
orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.66 e  
spread : 9.989 e  
created : 2023-08-21T15:22:16



# Tropomi SWIR background noise (swir)

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

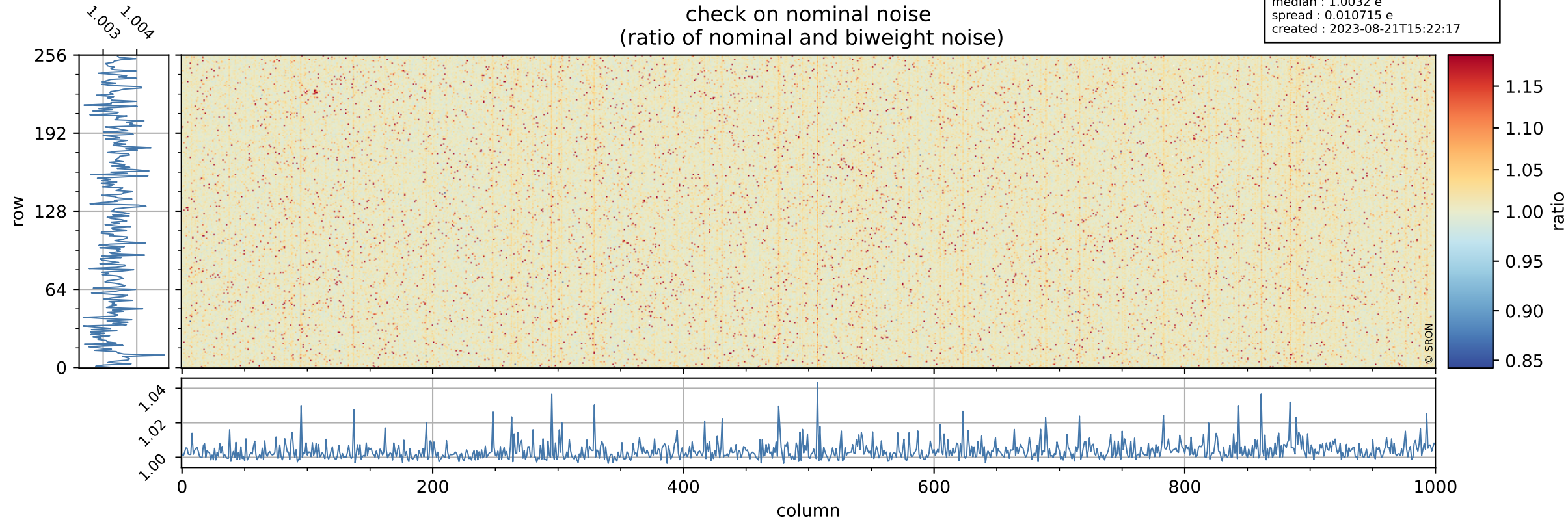
orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
median : 0.99776 e  
spread : 0.0055046 e  
created : 2023-08-21T15:22:17



# Tropomi SWIR background noise (swir)

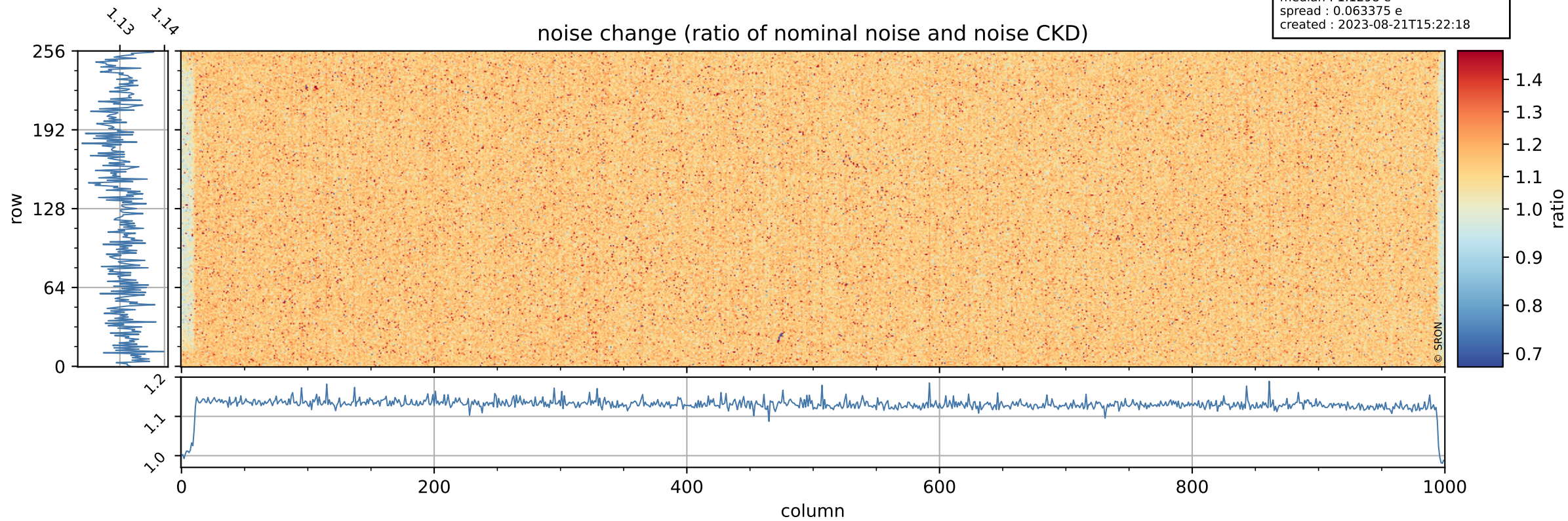
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
median : 1.0032 e  
spread : 0.010715 e  
created : 2023-08-21T15:22:17



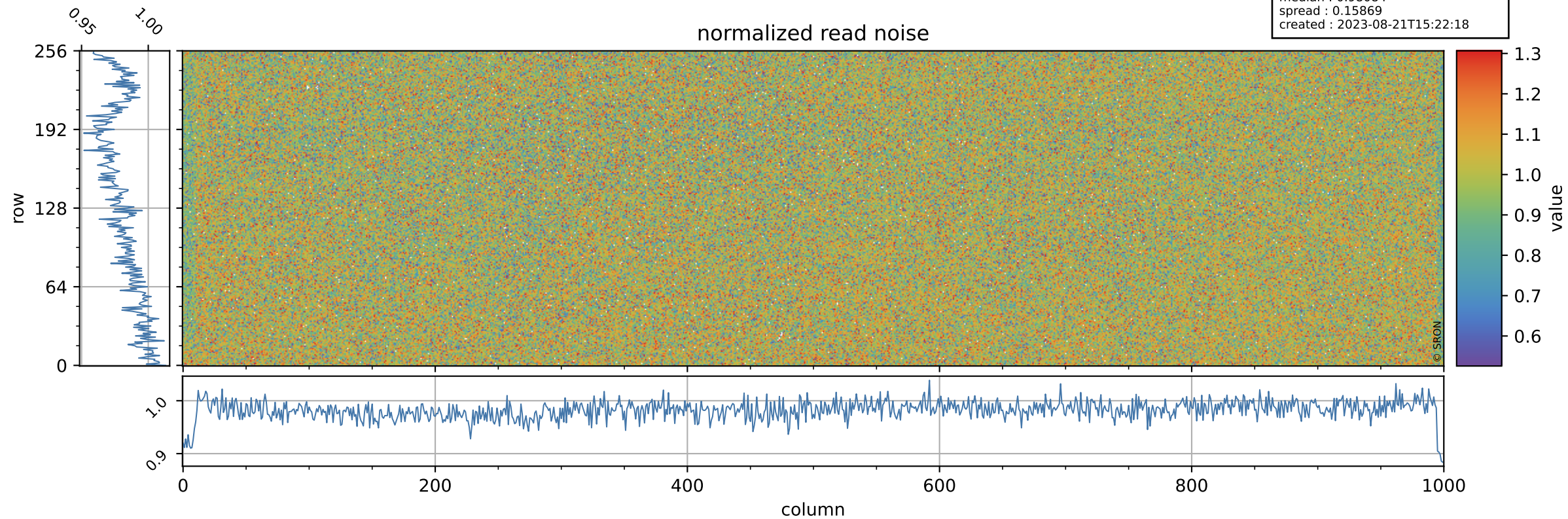
# Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
median : 1.1298 e  
spread : 0.063375 e  
created : 2023-08-21T15:22:18



# Tropomi SWIR background noise (swir)

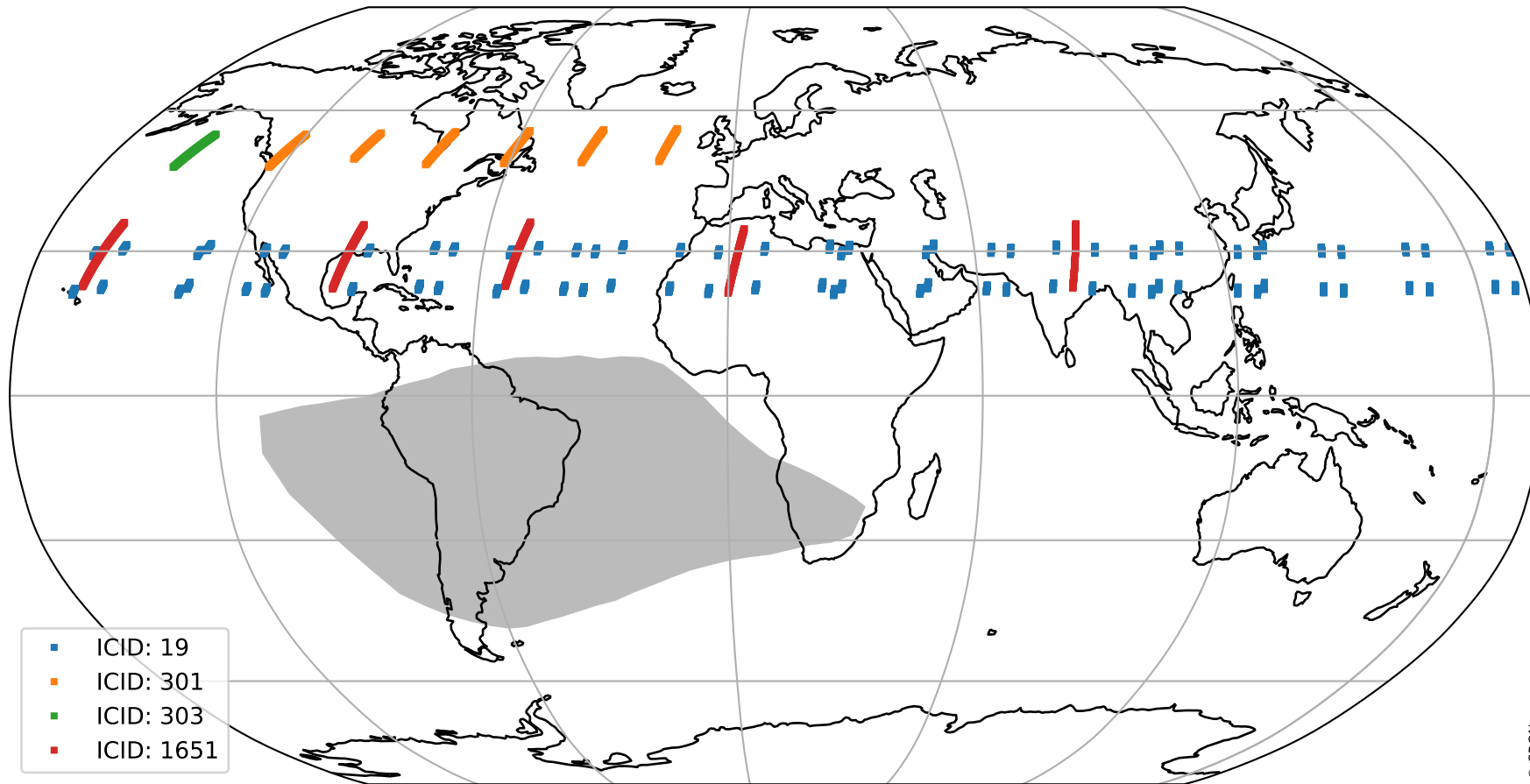
orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
median : 0.98084  
spread : 0.15869  
created : 2023-08-21T15:22:18





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

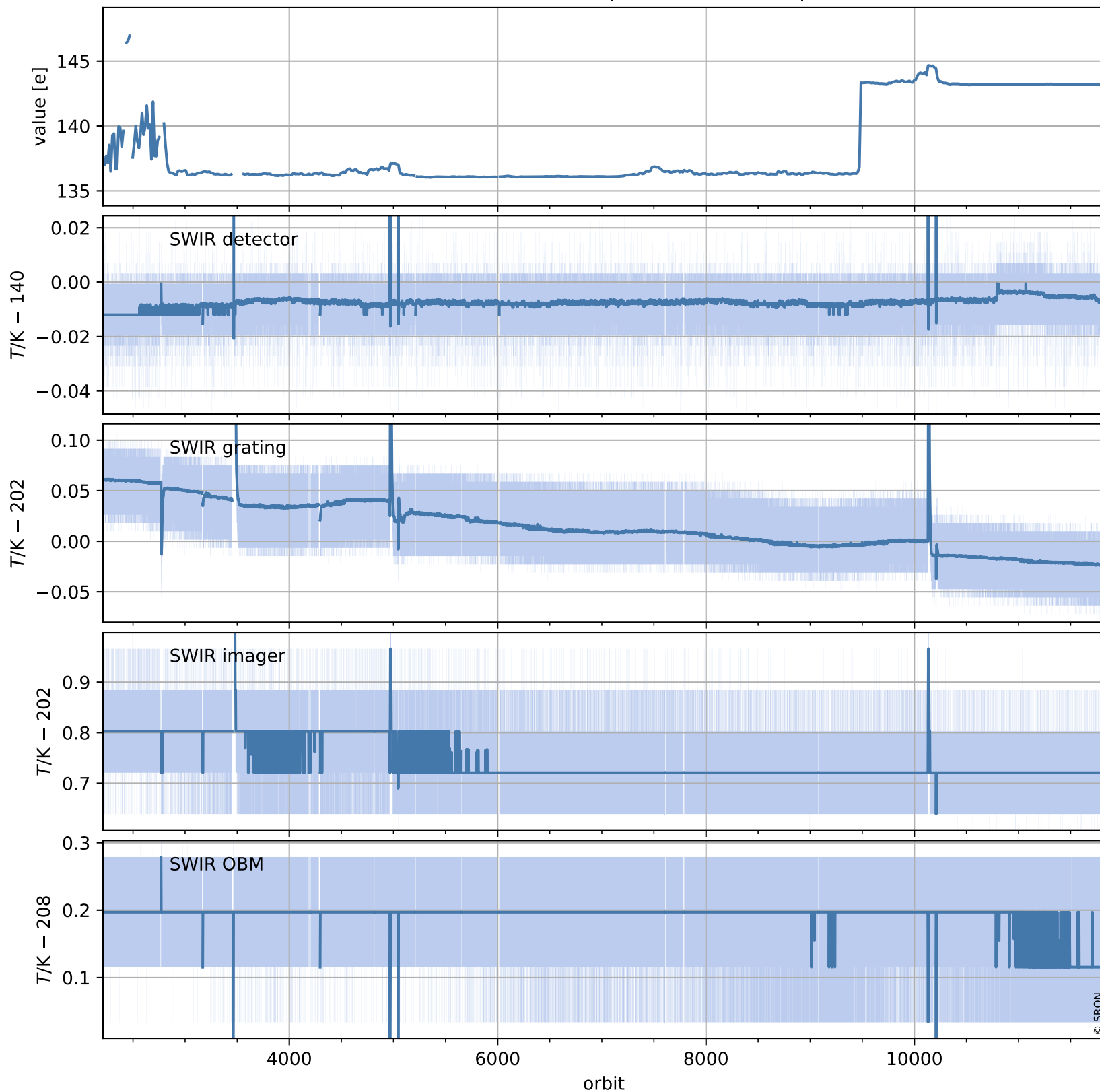
orbits : 12 in [11737, 11827]  
coverage : 2020-01-19 / 2020-01-25  
created : 2023-08-21T15:22:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 11827]  
coverage : 2018-03-18 / 2020-01-25  
created : 2023-08-21T15:22:18

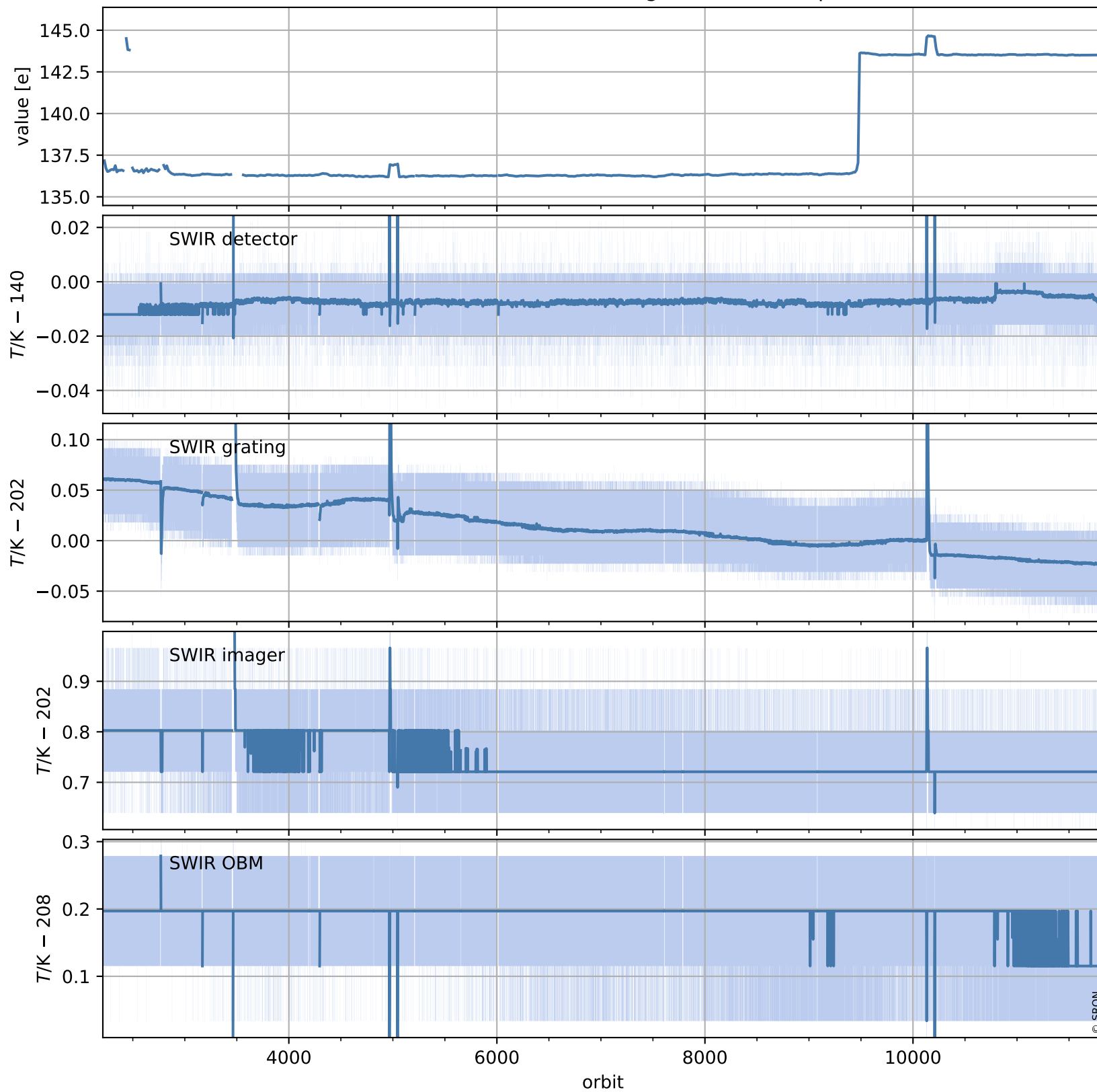
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11827]  
coverage : 2018-03-18 / 2020-01-25  
created : 2023-08-21T15:22:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11827]  
coverage : 2018-03-18 / 2020-01-25  
created : 2023-08-21T15:22:20

## trend of normalized read-noise & temperatures

