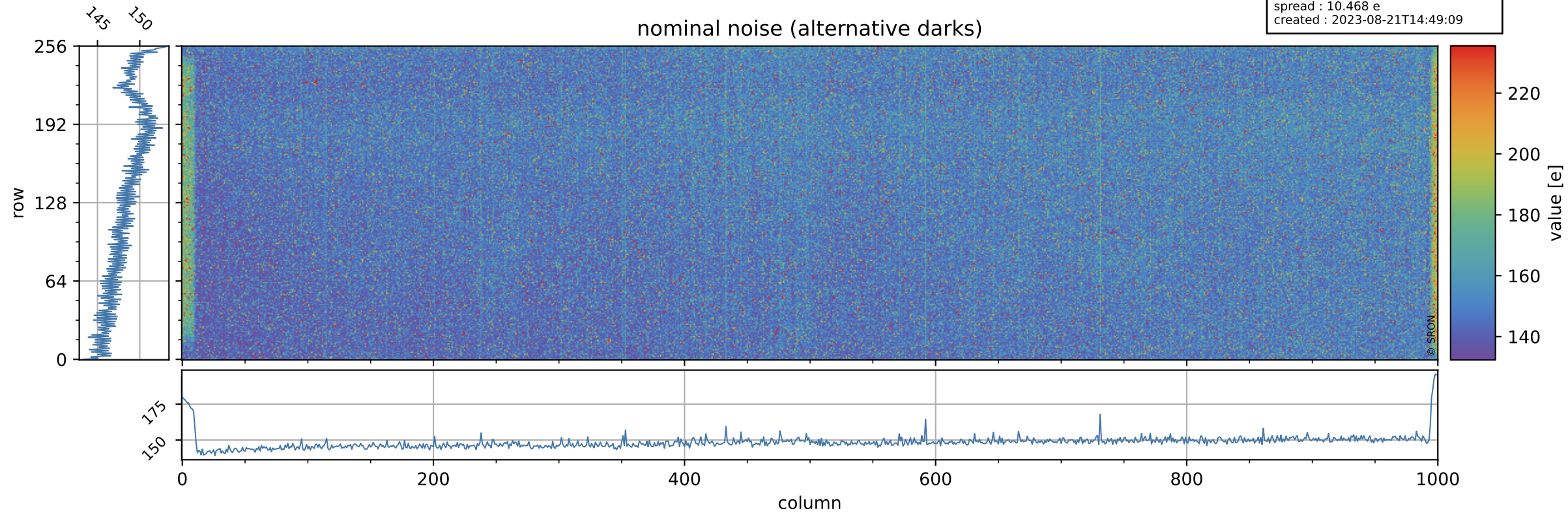


# Tropomi SWIR background noise (swir)

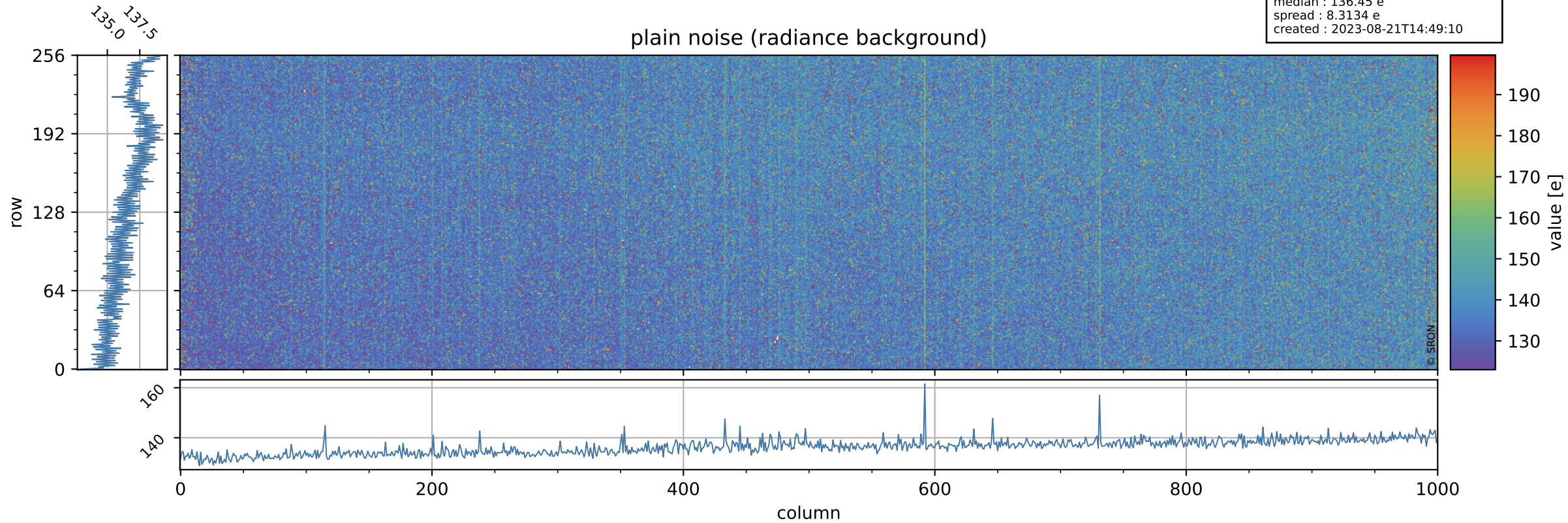
orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.32 e  
spread : 10.468 e  
created : 2023-08-21T14:49:09



# Tropomi SWIR background noise (swir)

orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.45 e  
spread : 8.3134 e  
created : 2023-08-21T14:49:10

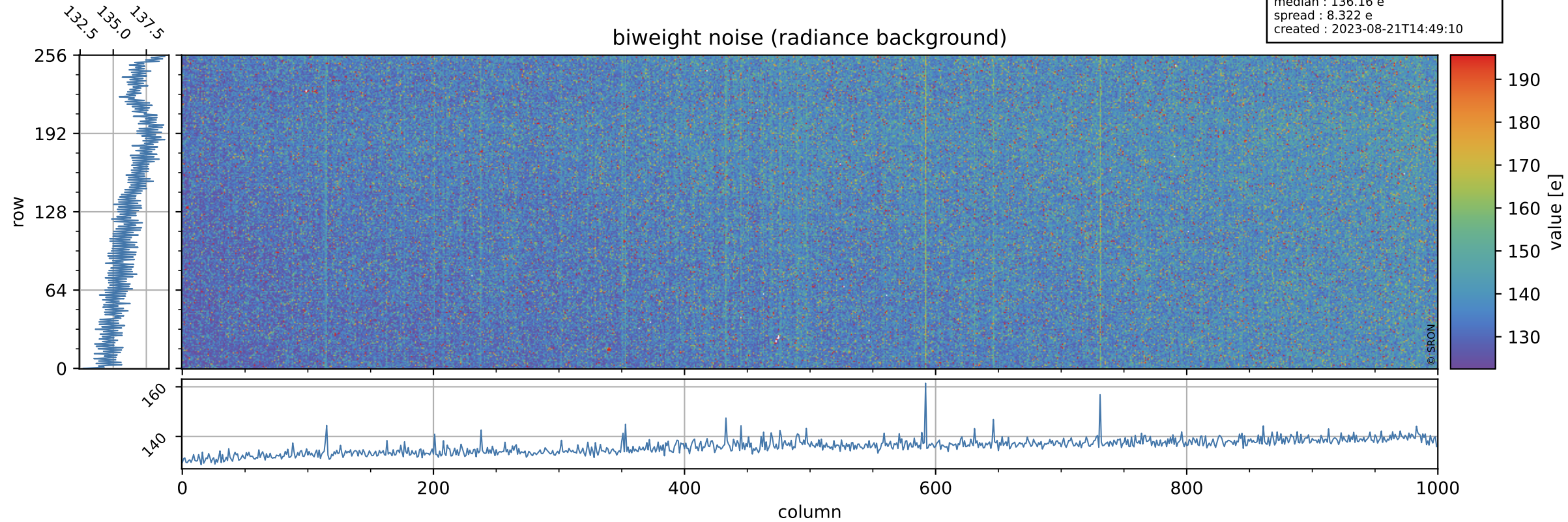
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.16 e  
spread : 8.322 e  
created : 2023-08-21T14:49:10

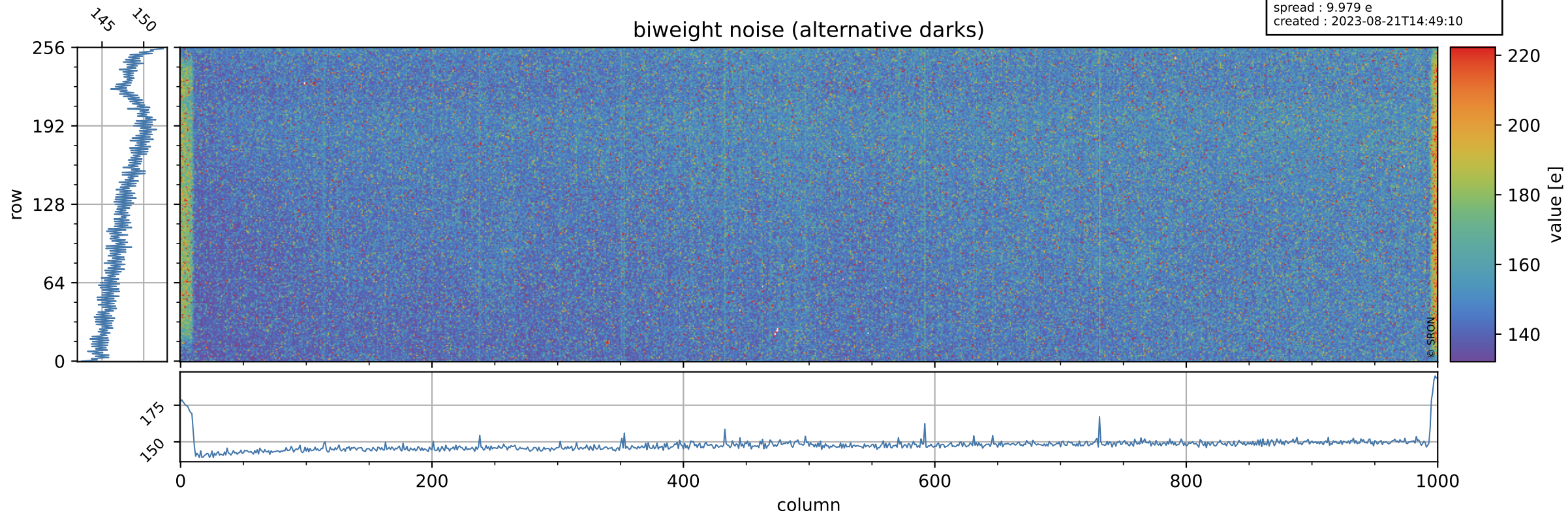
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 9.979 e  
created : 2023-08-21T14:49:10

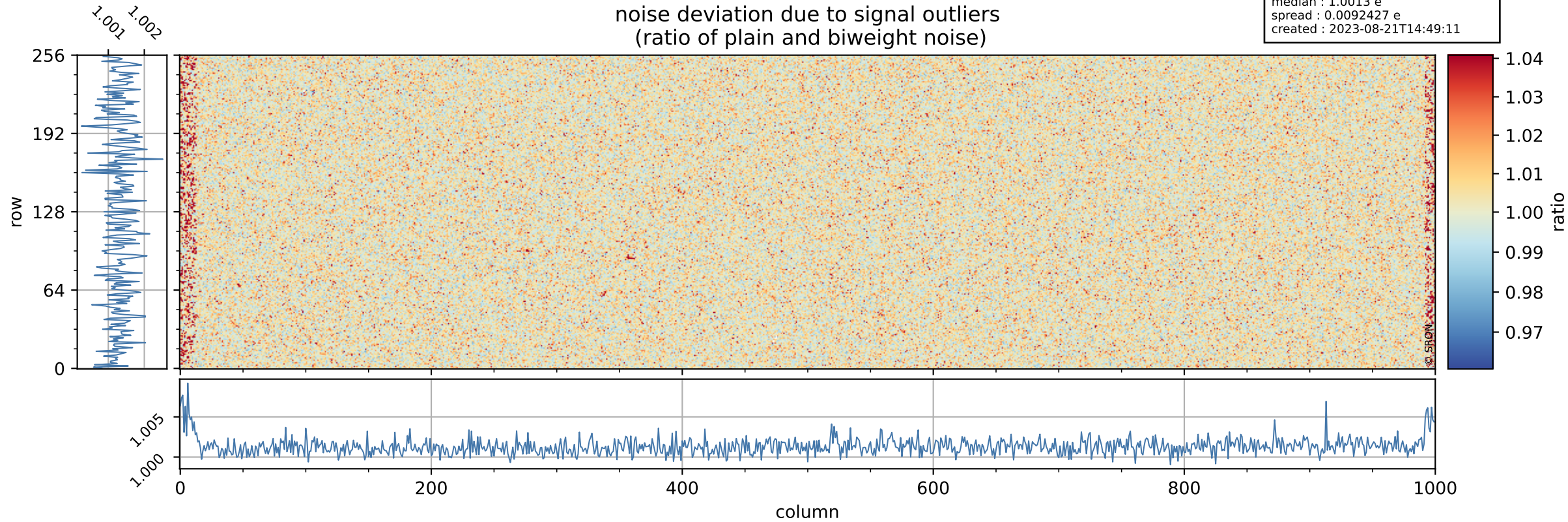
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

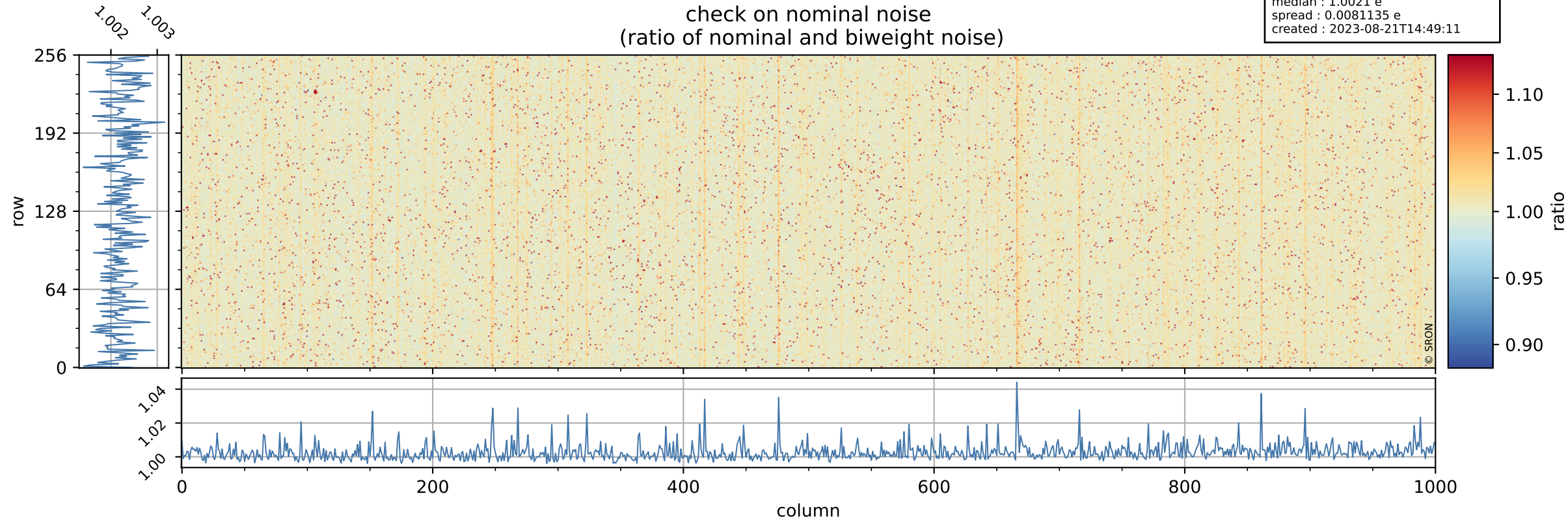
orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
median : 1.0013 e  
spread : 0.0092427 e  
created : 2023-08-21T14:49:11



# Tropomi SWIR background noise (swir)

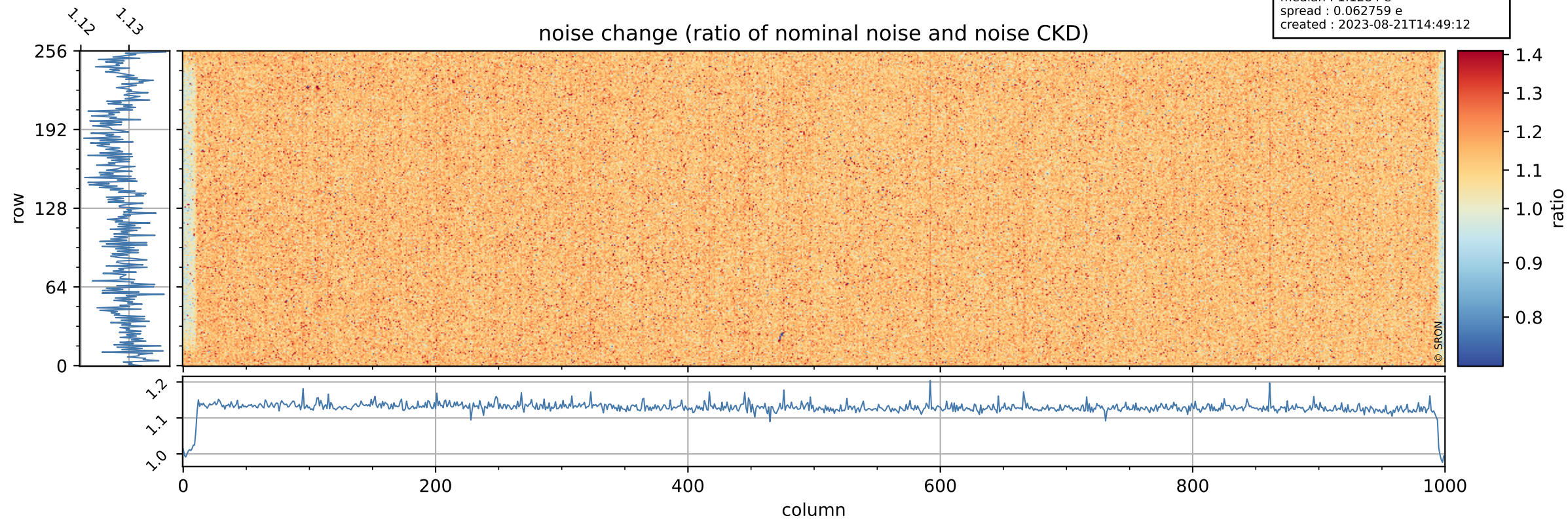
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
median : 1.0021 e  
spread : 0.0081135 e  
created : 2023-08-21T14:49:11



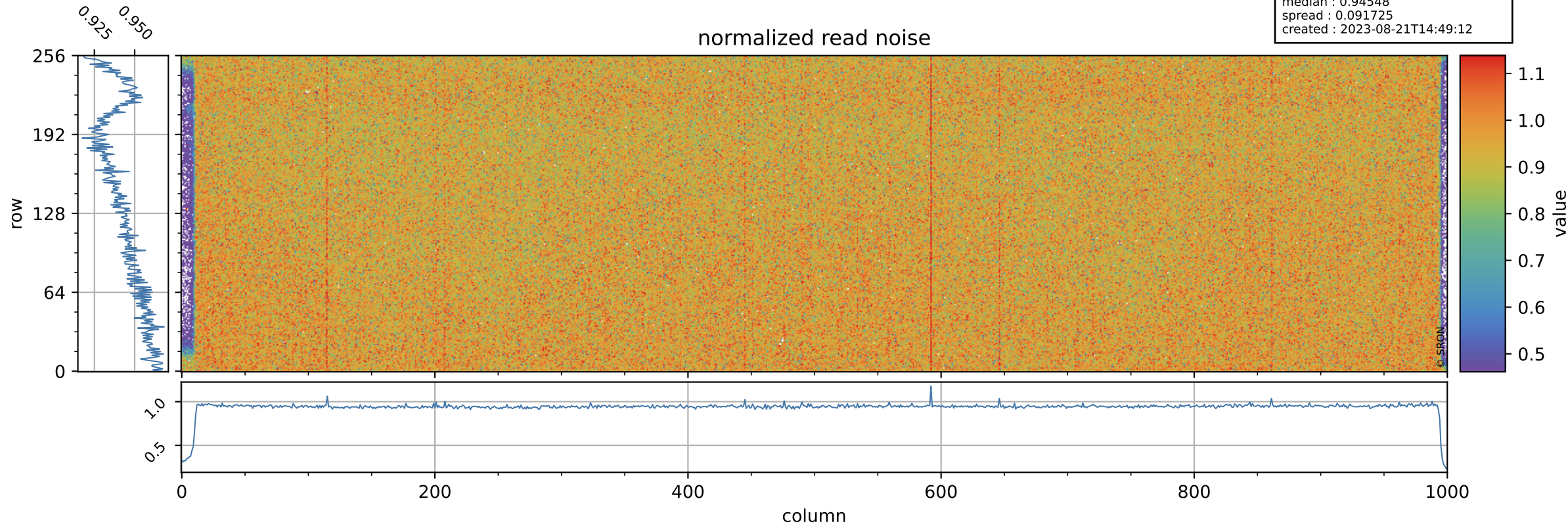
# Tropomi SWIR background noise (swir)

orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
median : 1.1284 e  
spread : 0.062759 e  
created : 2023-08-21T14:49:12



# Tropomi SWIR background noise (swir)

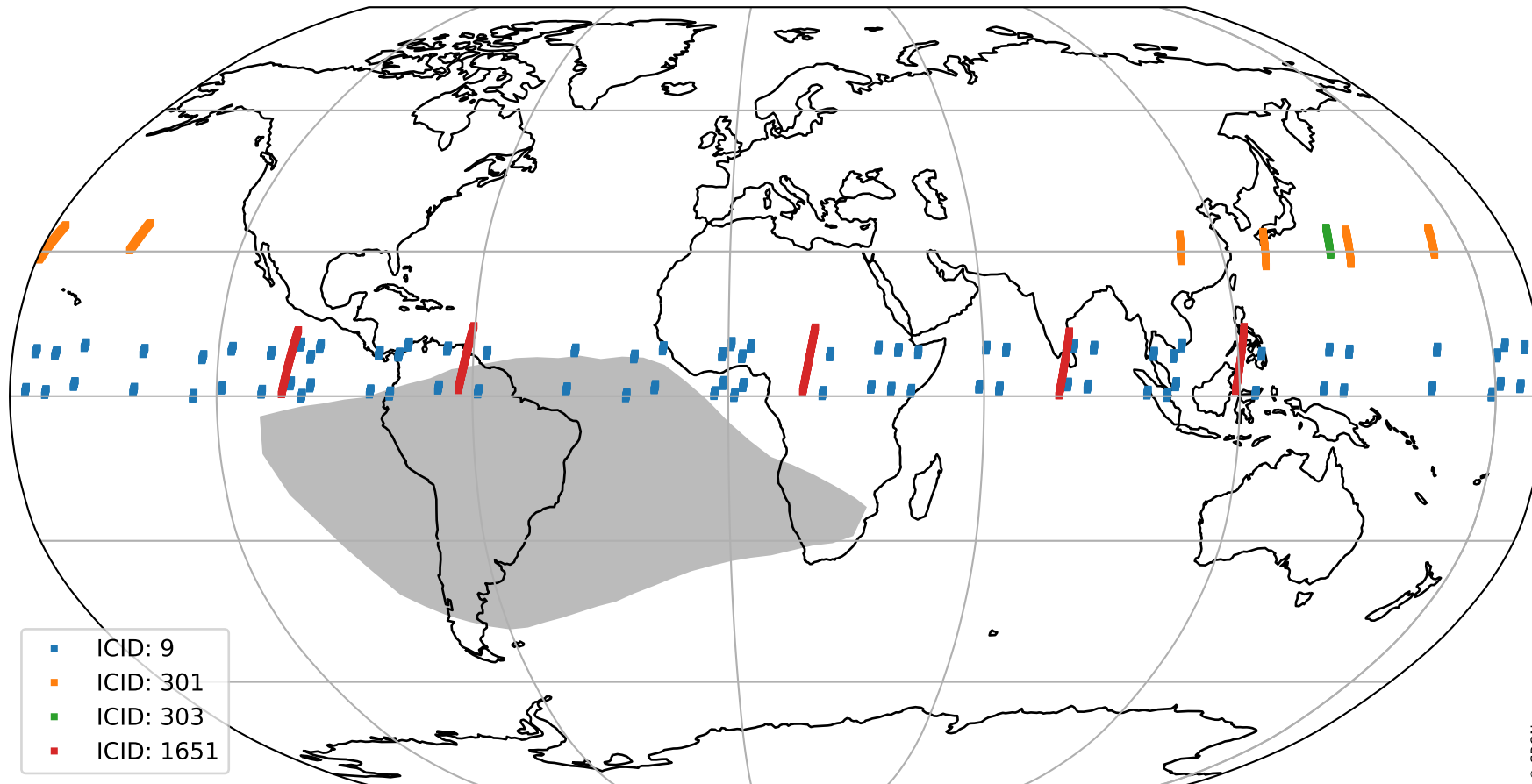
orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
median : 0.94548  
spread : 0.091725  
created : 2023-08-21T14:49:12





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

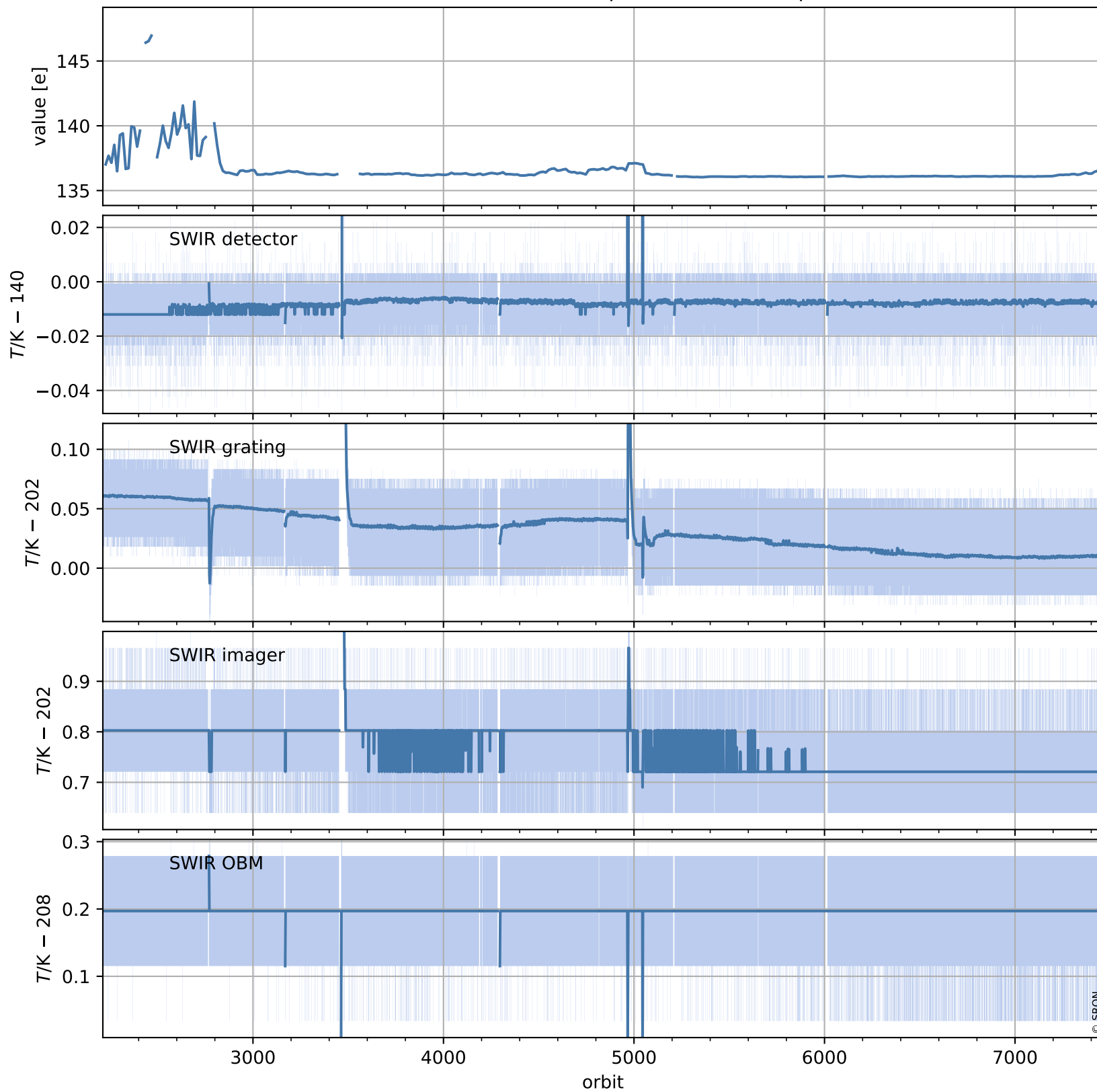
orbits : 12 in [7372, 7462]  
coverage : 2019-03-17 / 2019-03-22  
created : 2023-08-21T14:49:13



# Tropomi SWIR background noise (swir)

orbits : [2212, 7462]  
coverage : 2018-03-18 / 2019-03-22  
created : 2023-08-21T14:49:13

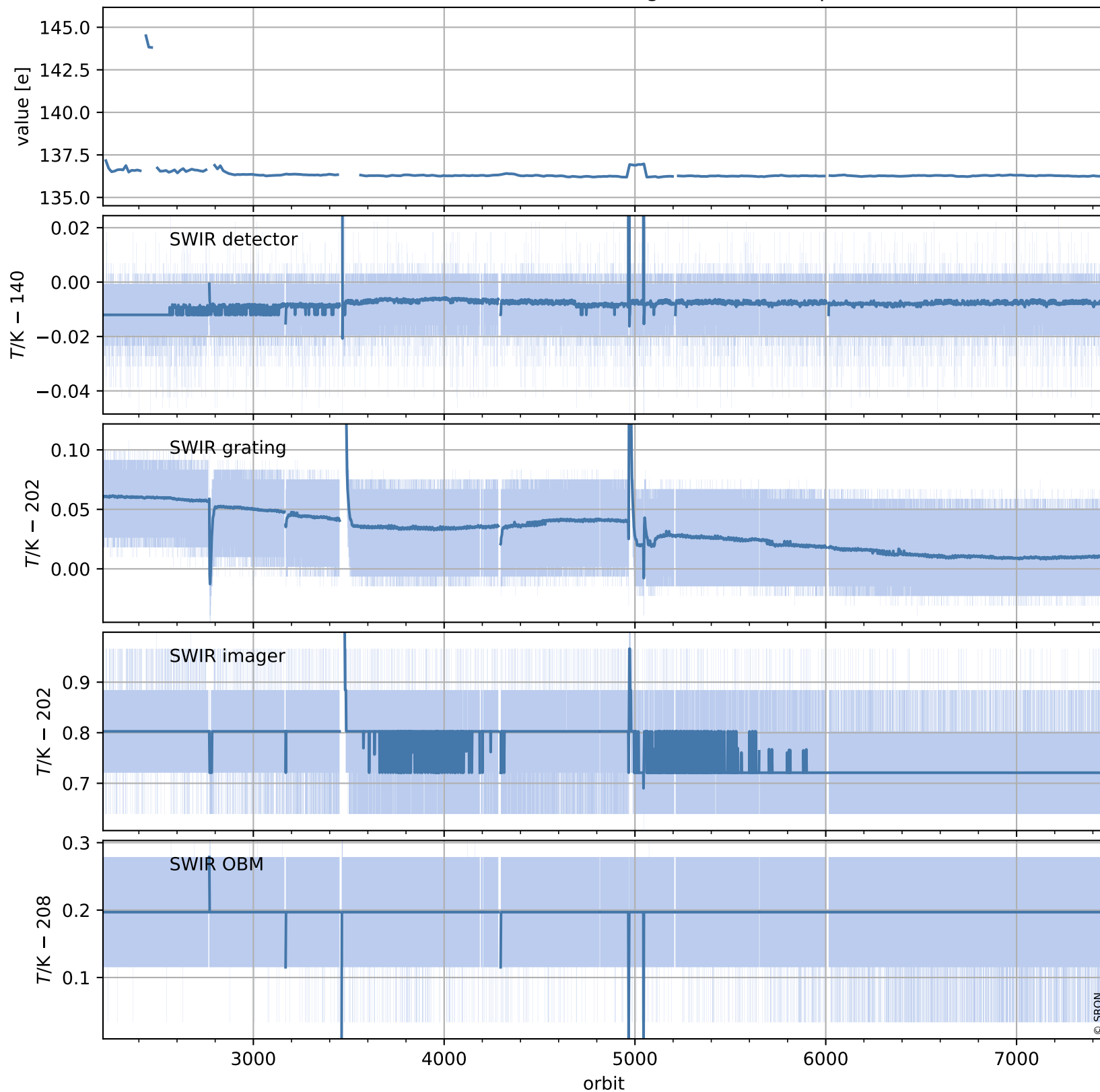
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7462]  
coverage : 2018-03-18 / 2019-03-22  
created : 2023-08-21T14:49:14

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7462]  
coverage : 2018-03-18 / 2019-03-22  
created : 2023-08-21T14:49:14

## trend of normalized read-noise & temperatures

