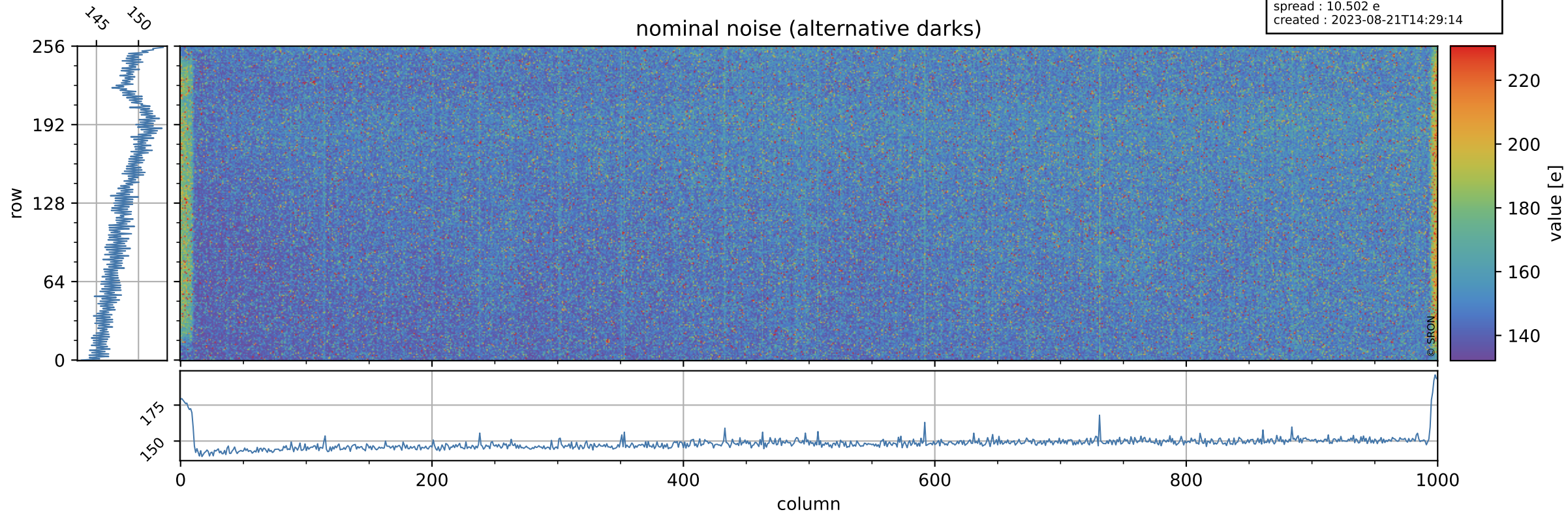


# Tropomi SWIR background noise (swir)

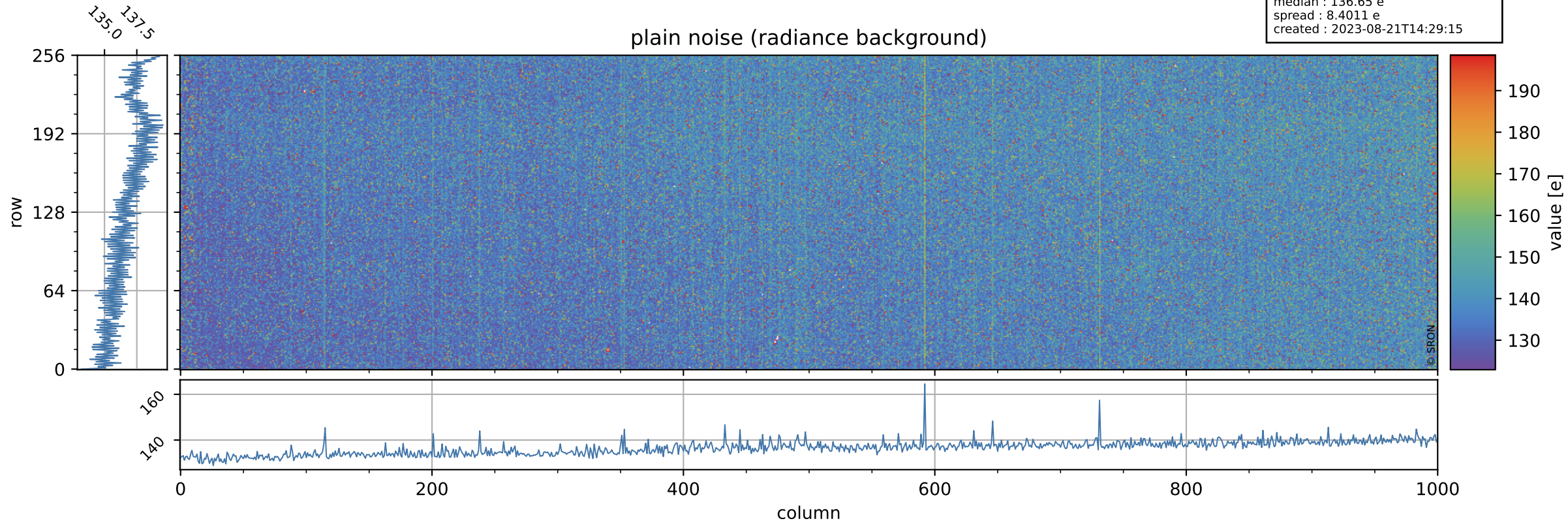
orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.27 e  
spread : 10.502 e  
created : 2023-08-21T14:29:14



# Tropomi SWIR background noise (swir)

orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
n\_coad, t\_exp : 2, 0.5383  
median : 136.65 e  
spread : 8.4011 e  
created : 2023-08-21T14:29:15

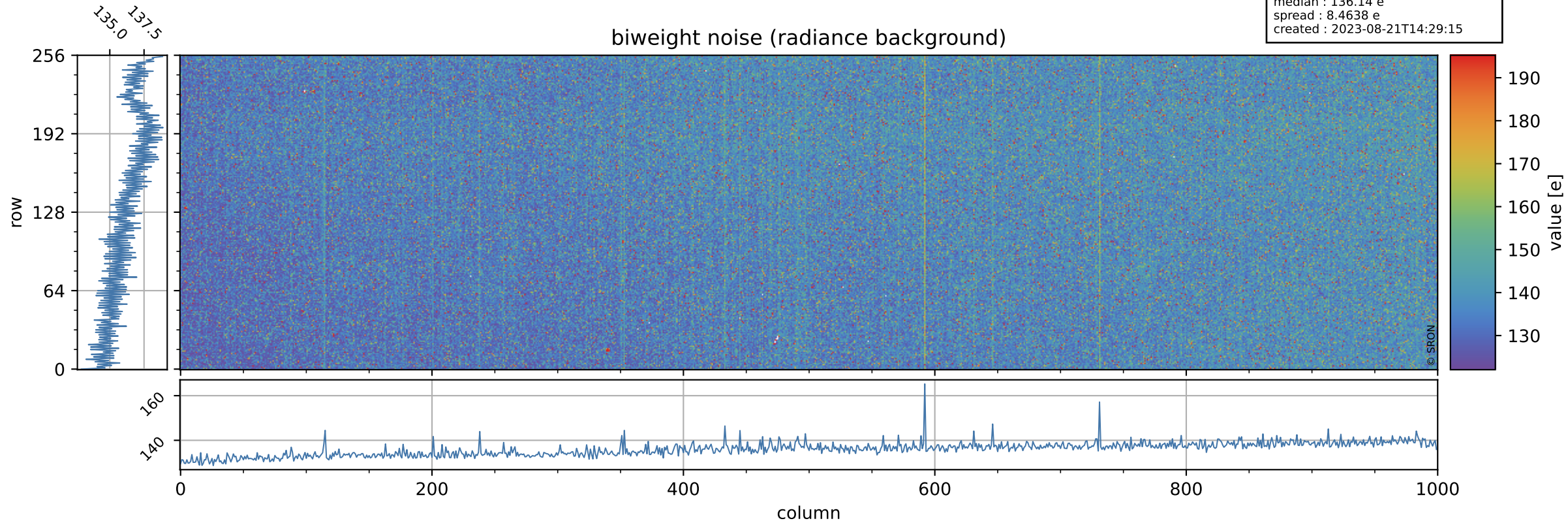
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
n\_coad, t\_exp : 2, 0.5383  
median : 136.14 e  
spread : 8.4638 e  
created : 2023-08-21T14:29:15

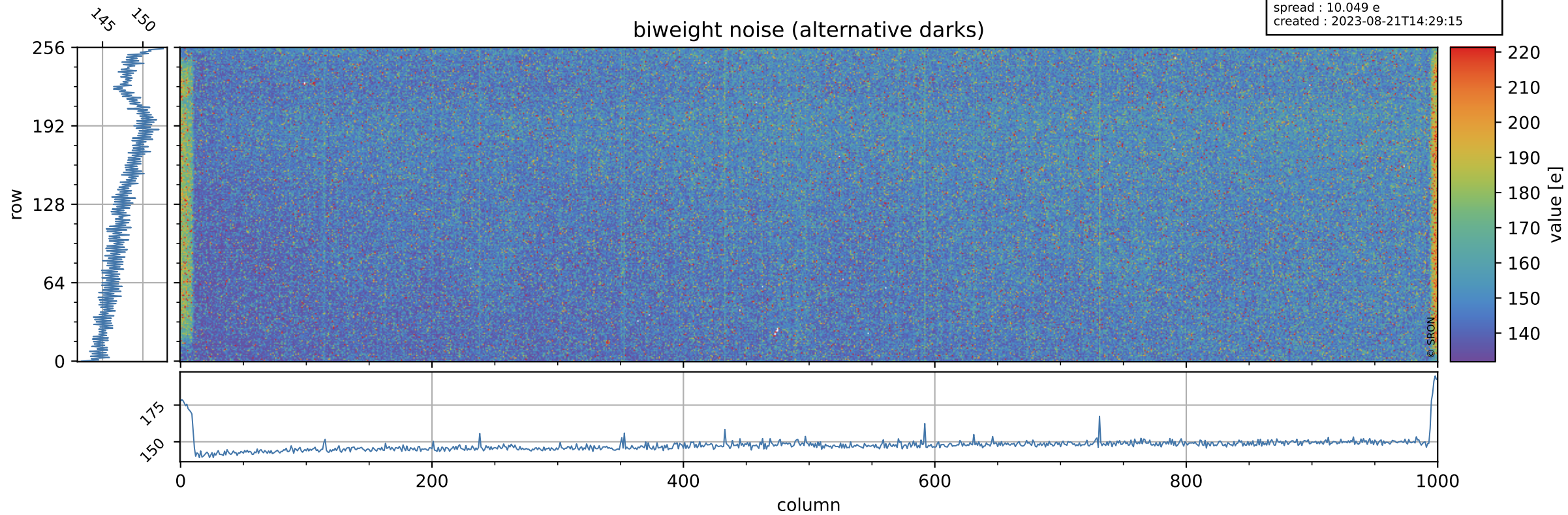
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.51 e  
spread : 10.049 e  
created : 2023-08-21T14:29:15

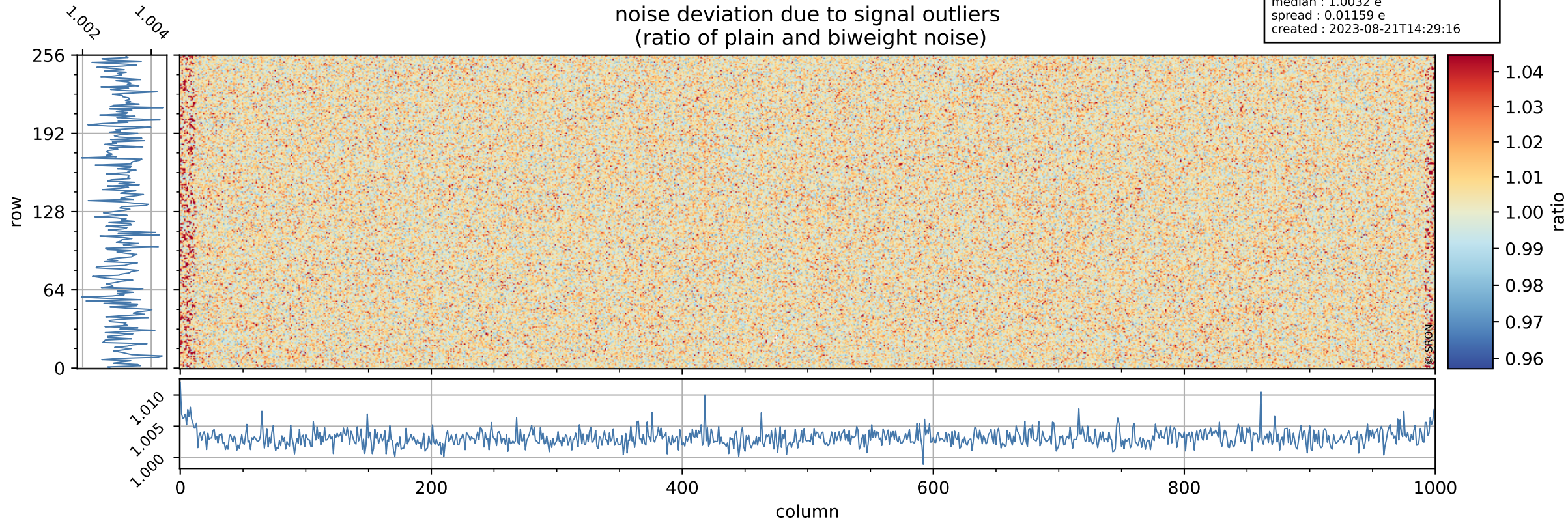
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

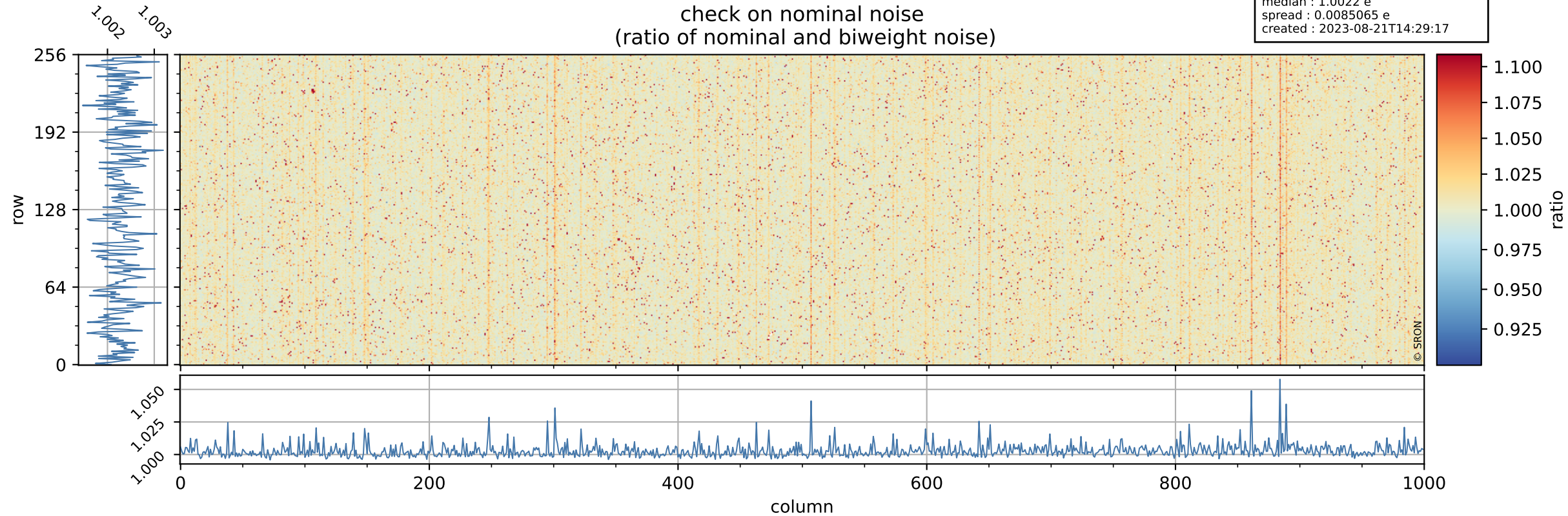
orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
median : 1.0032 e  
spread : 0.01159 e  
created : 2023-08-21T14:29:16



# Tropomi SWIR background noise (swir)

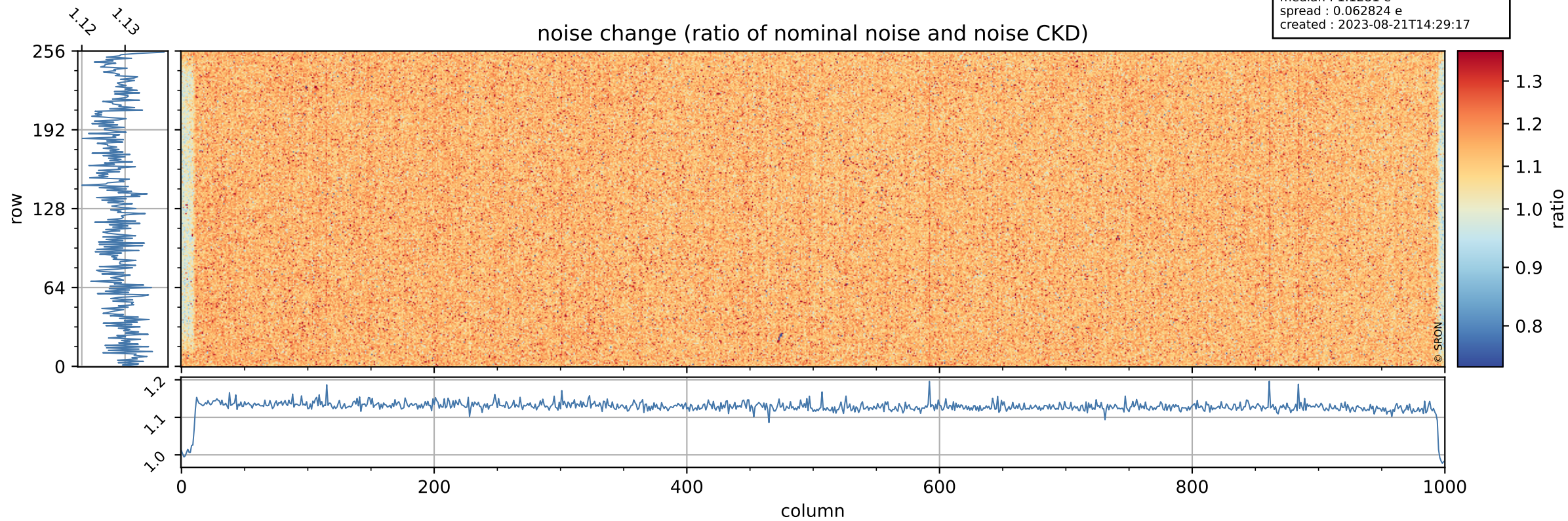
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
median : 1.0022 e  
spread : 0.0085065 e  
created : 2023-08-21T14:29:17



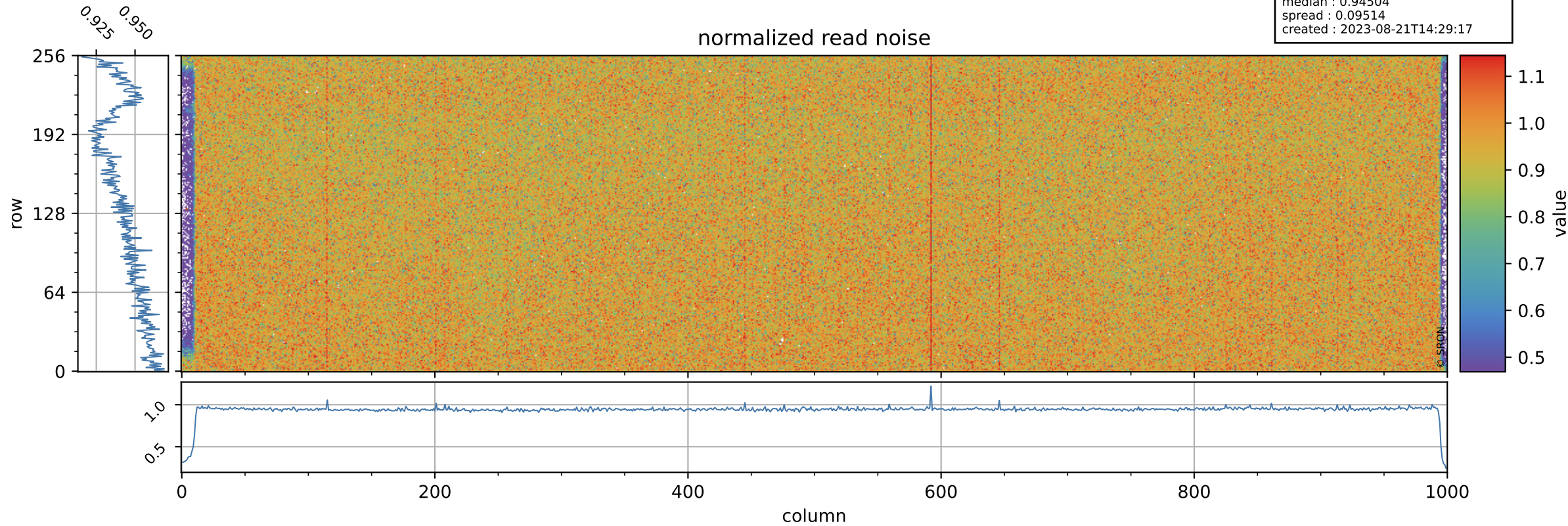
# Tropomi SWIR background noise (swir)

orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
median : 1.1281 e  
spread : 0.062824 e  
created : 2023-08-21T14:29:17



# Tropomi SWIR background noise (swir)

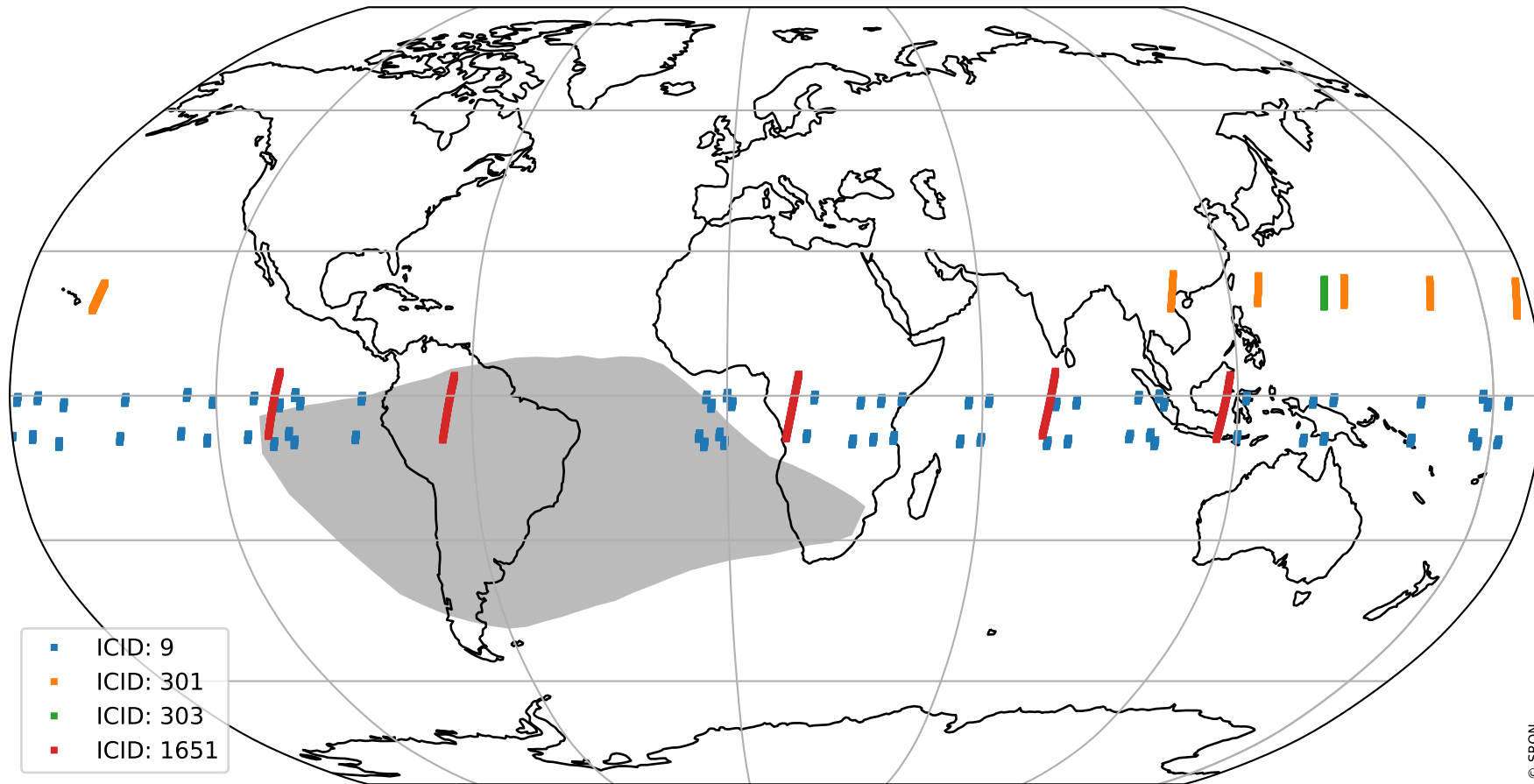
orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
median : 0.94504  
spread : 0.09514  
created : 2023-08-21T14:29:17





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

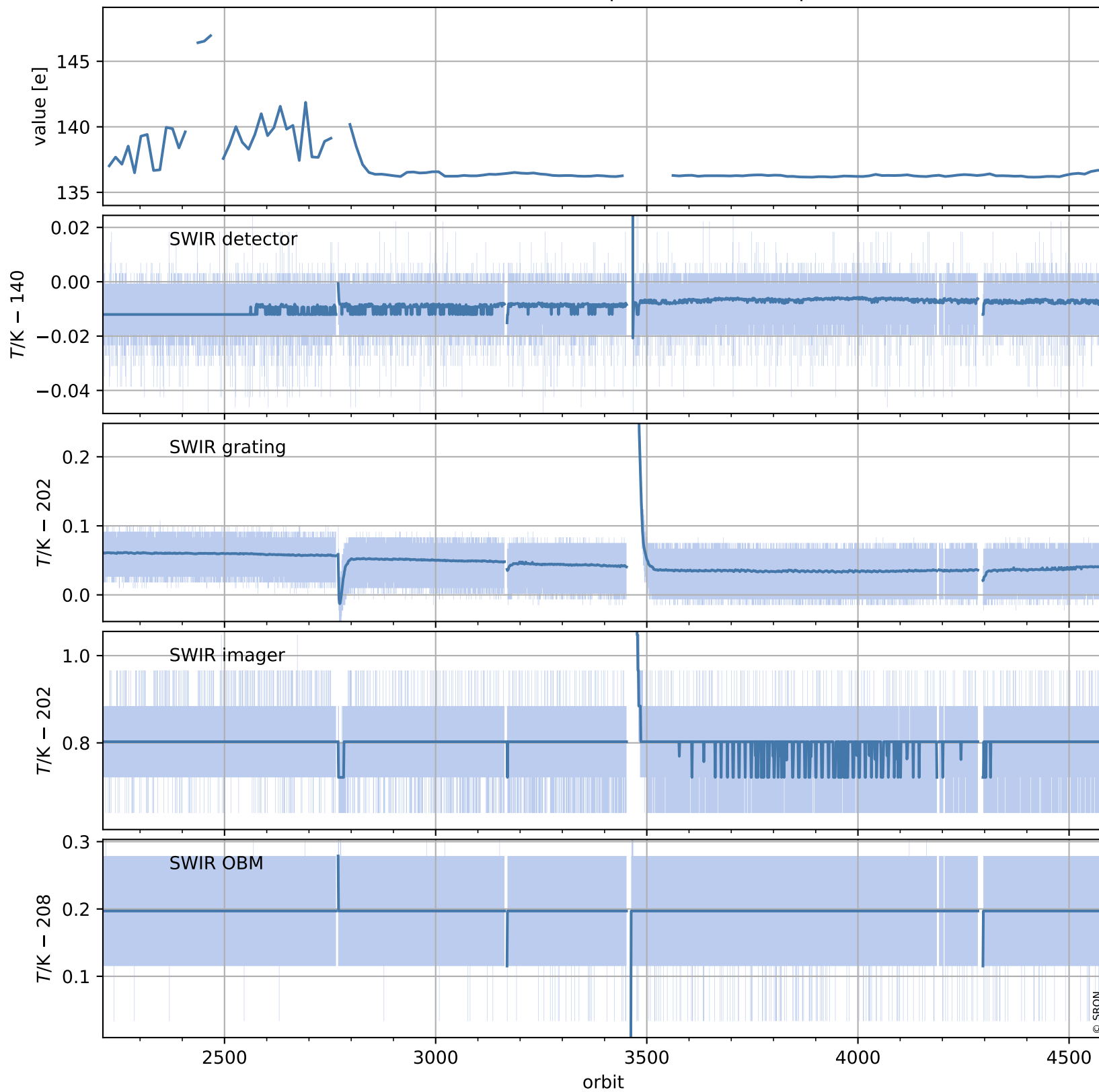
orbits : 12 in [4492, 4582]  
coverage : 2018-08-26 / 2018-08-31  
created : 2023-08-21T14:29:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 4582]  
coverage : 2018-03-18 / 2018-08-31  
created : 2023-08-21T14:29:18

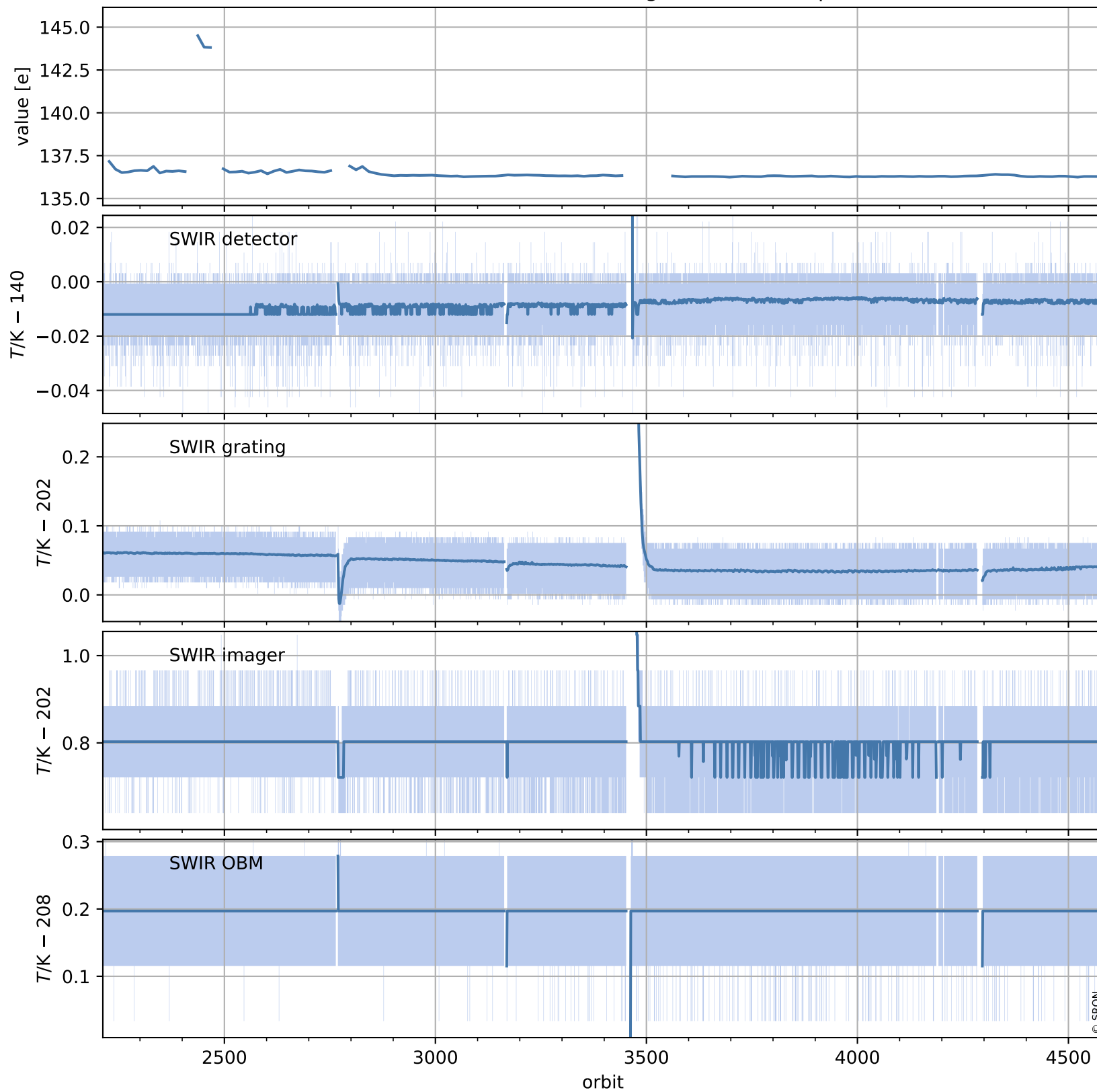
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 4582]  
coverage : 2018-03-18 / 2018-08-31  
created : 2023-08-21T14:29:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 4582]  
coverage : 2018-03-18 / 2018-08-31  
created : 2023-08-21T14:29:19

## trend of normalized read-noise & temperatures

