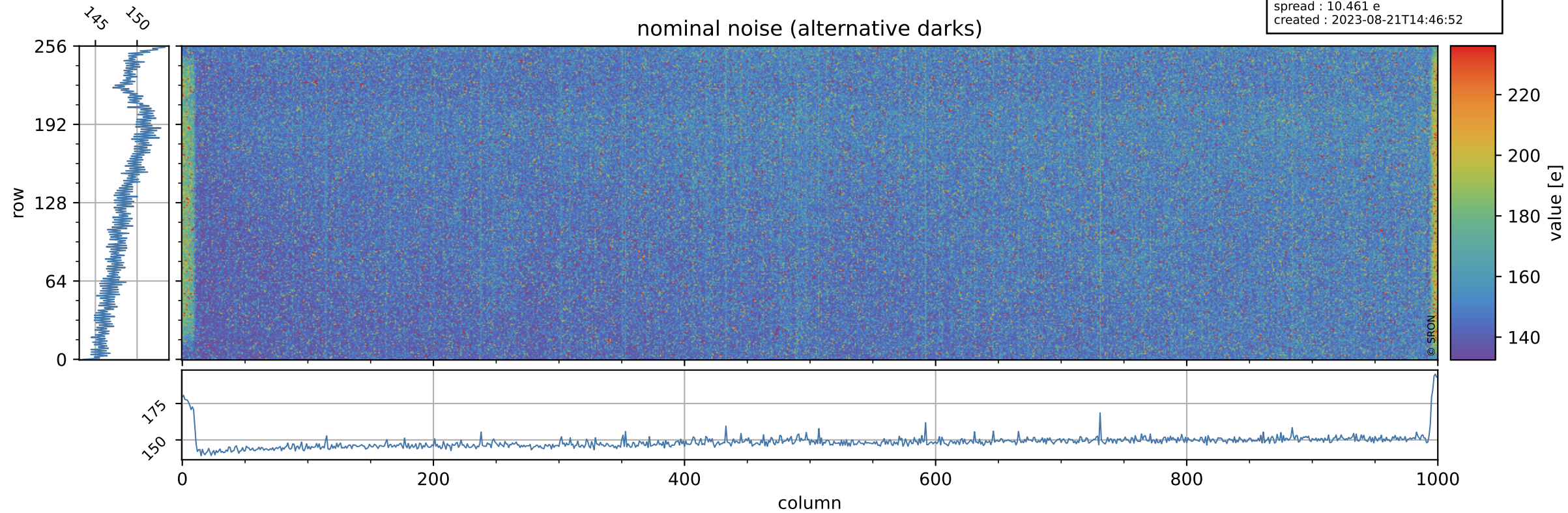


# Tropomi SWIR background noise (swir)

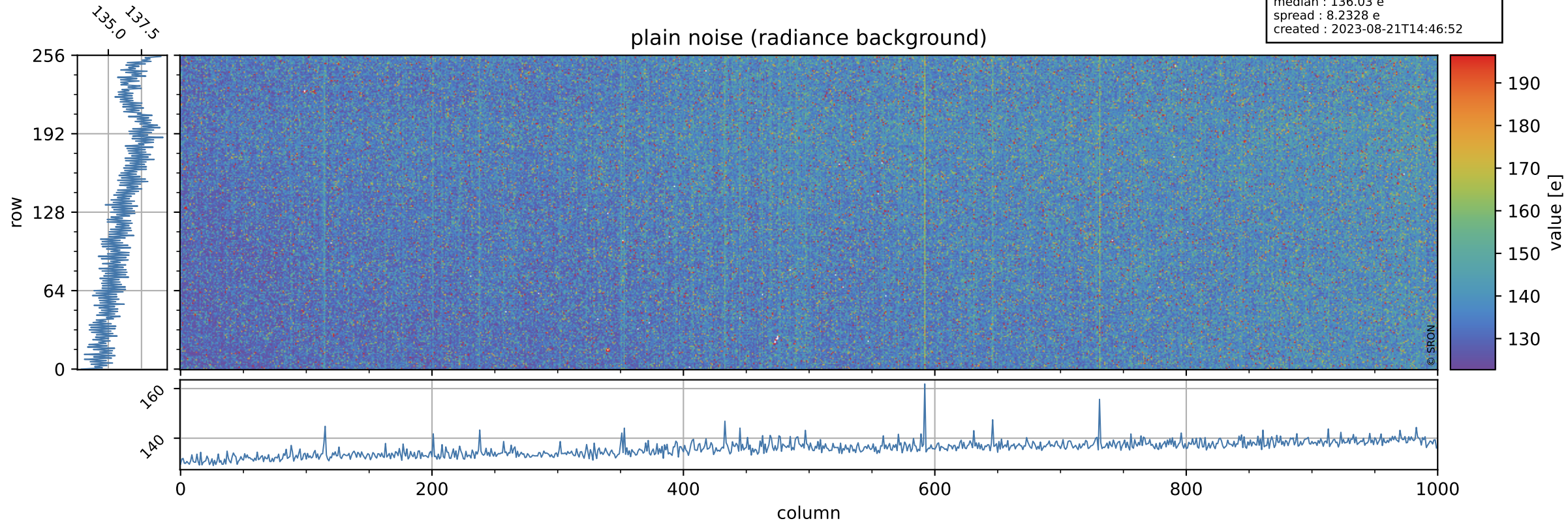
orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.461 e  
created : 2023-08-21T14:46:52



# Tropomi SWIR background noise (swir)

orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.03 e  
spread : 8.2328 e  
created : 2023-08-21T14:46:52

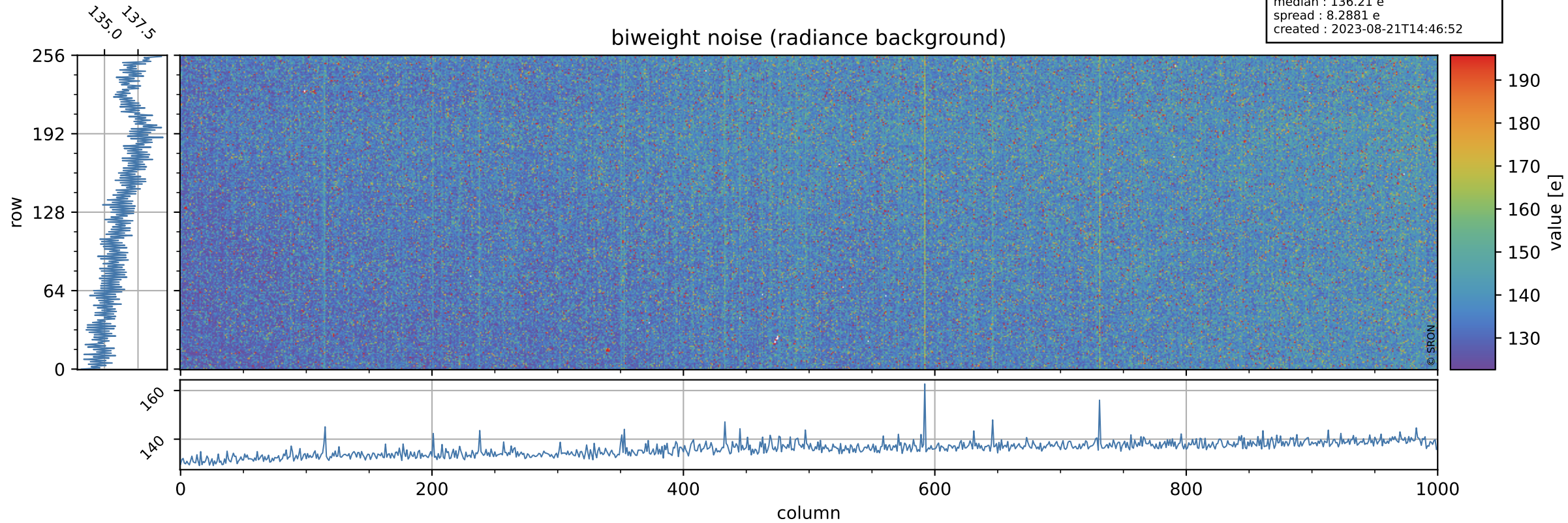
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.21 e  
spread : 8.2881 e  
created : 2023-08-21T14:46:52

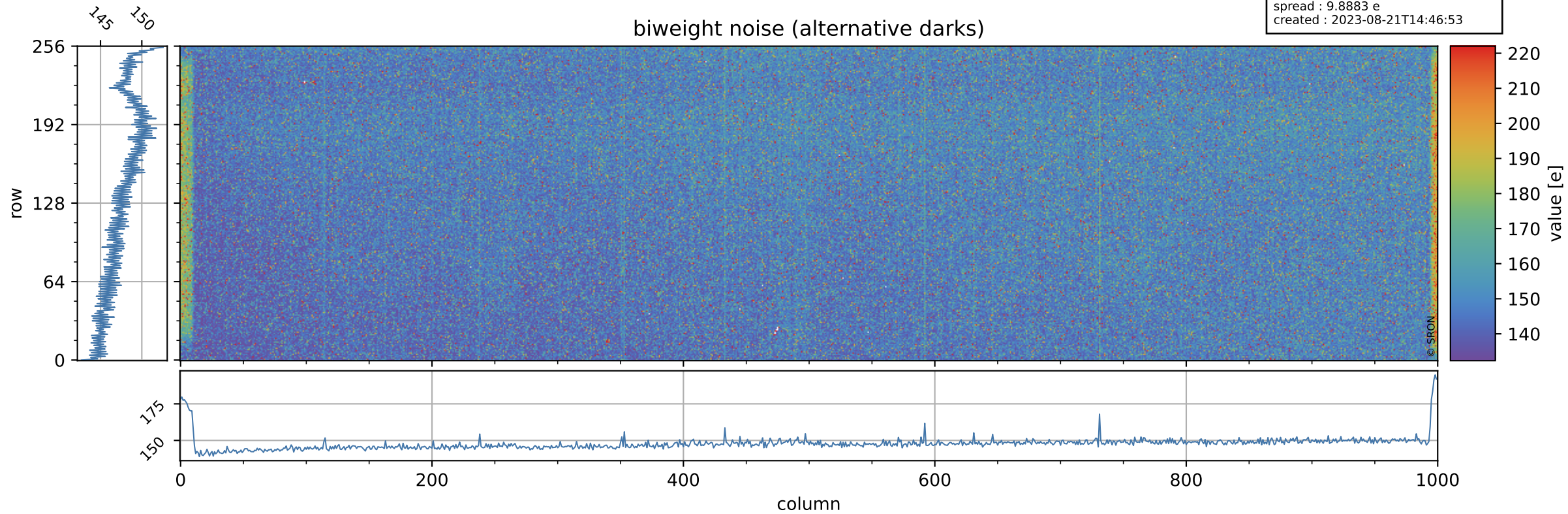
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 9.8883 e  
created : 2023-08-21T14:46:53

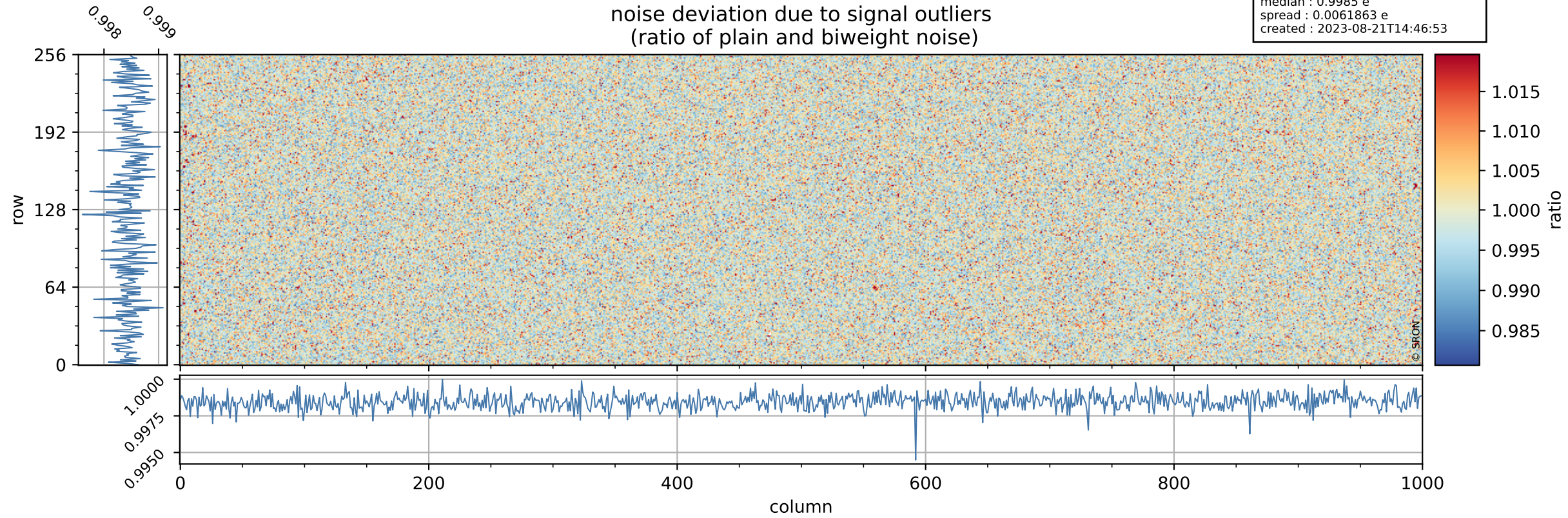
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

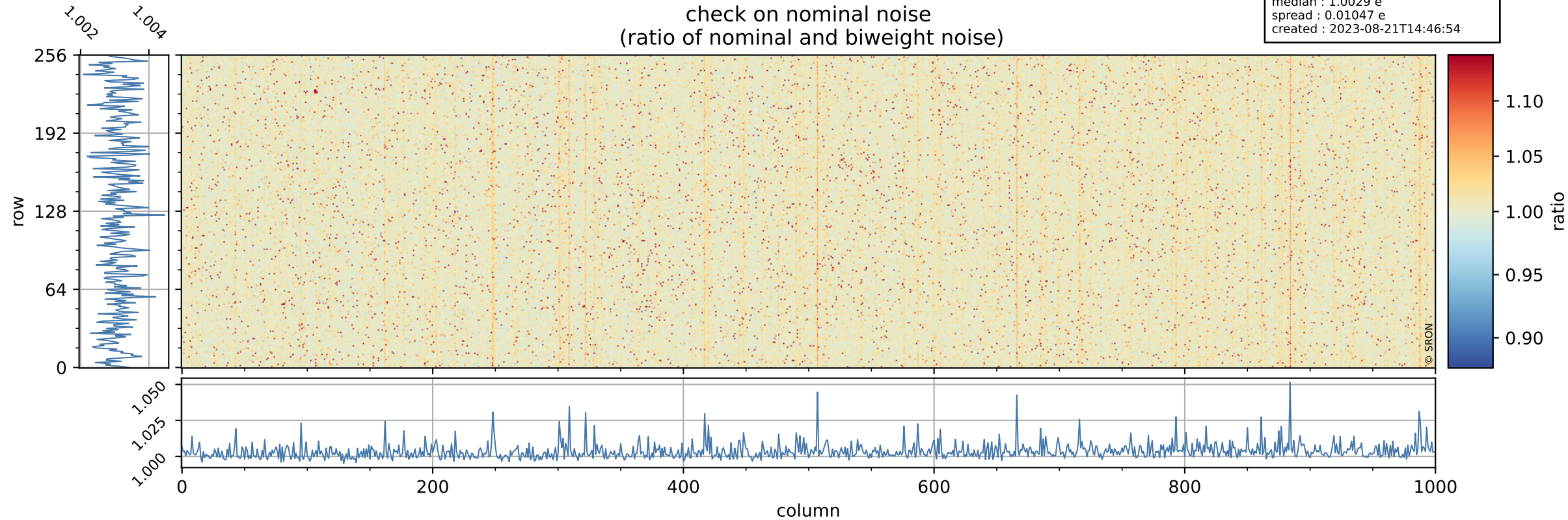
orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
median : 0.9985 e  
spread : 0.0061863 e  
created : 2023-08-21T14:46:53



# Tropomi SWIR background noise (swir)

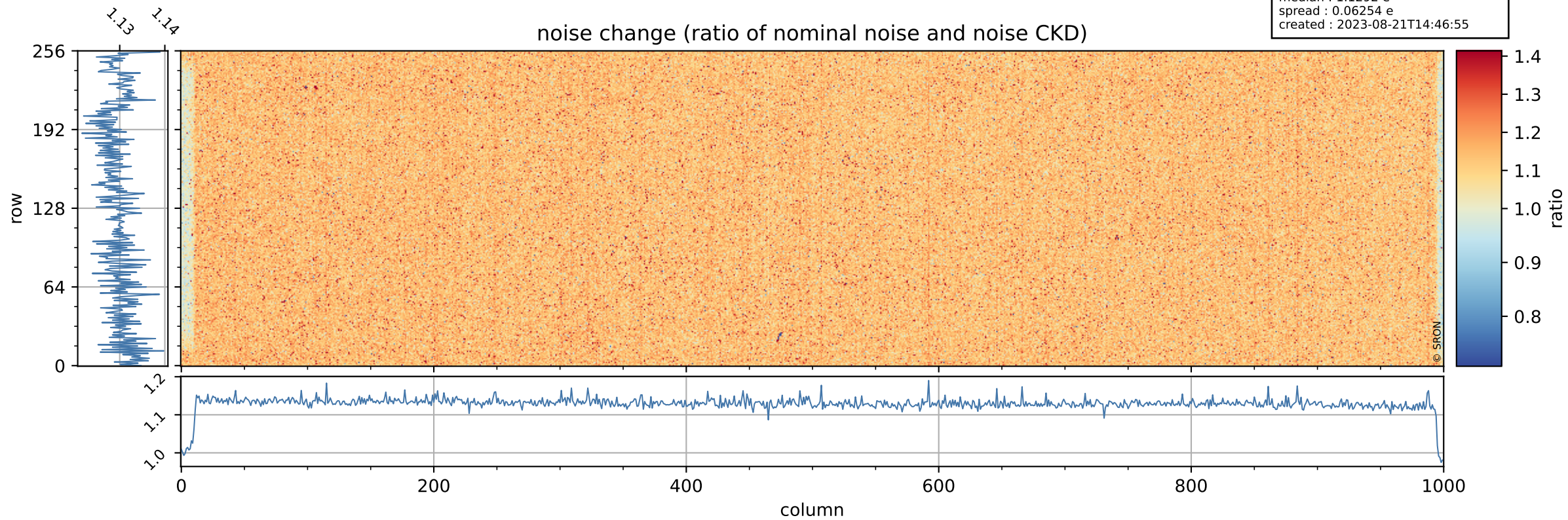
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
median : 1.0029 e  
spread : 0.01047 e  
created : 2023-08-21T14:46:54



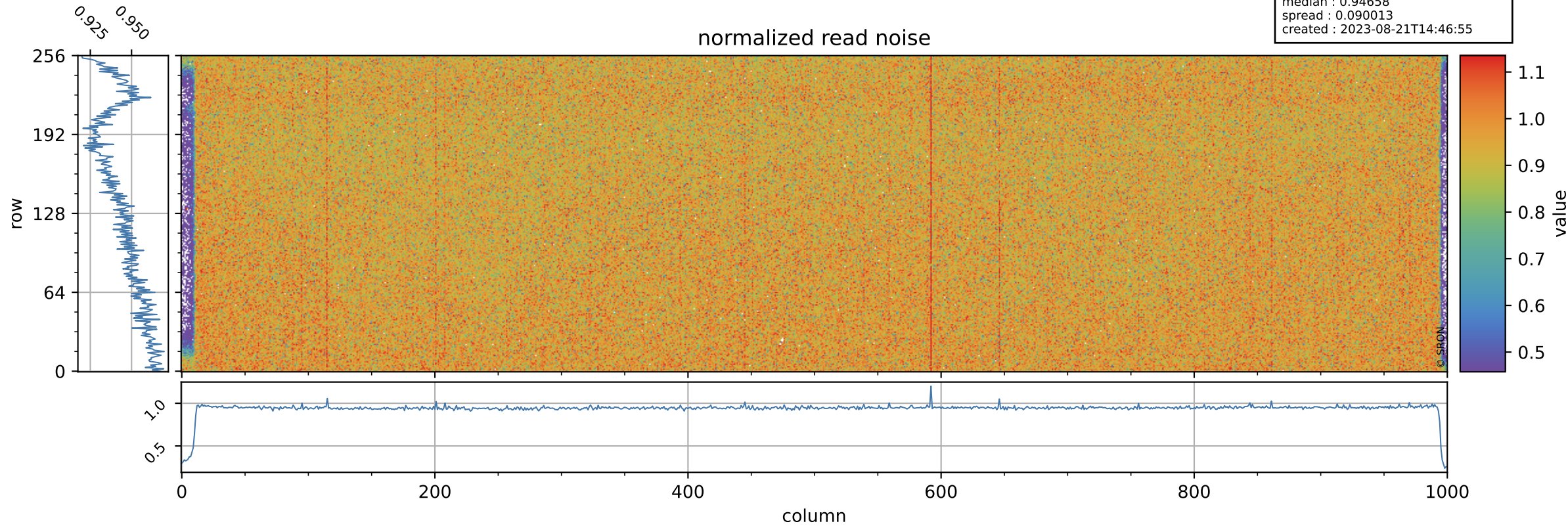
# Tropomi SWIR background noise (swir)

orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
median : 1.1292 e  
spread : 0.06254 e  
created : 2023-08-21T14:46:55



# Tropomi SWIR background noise (swir)

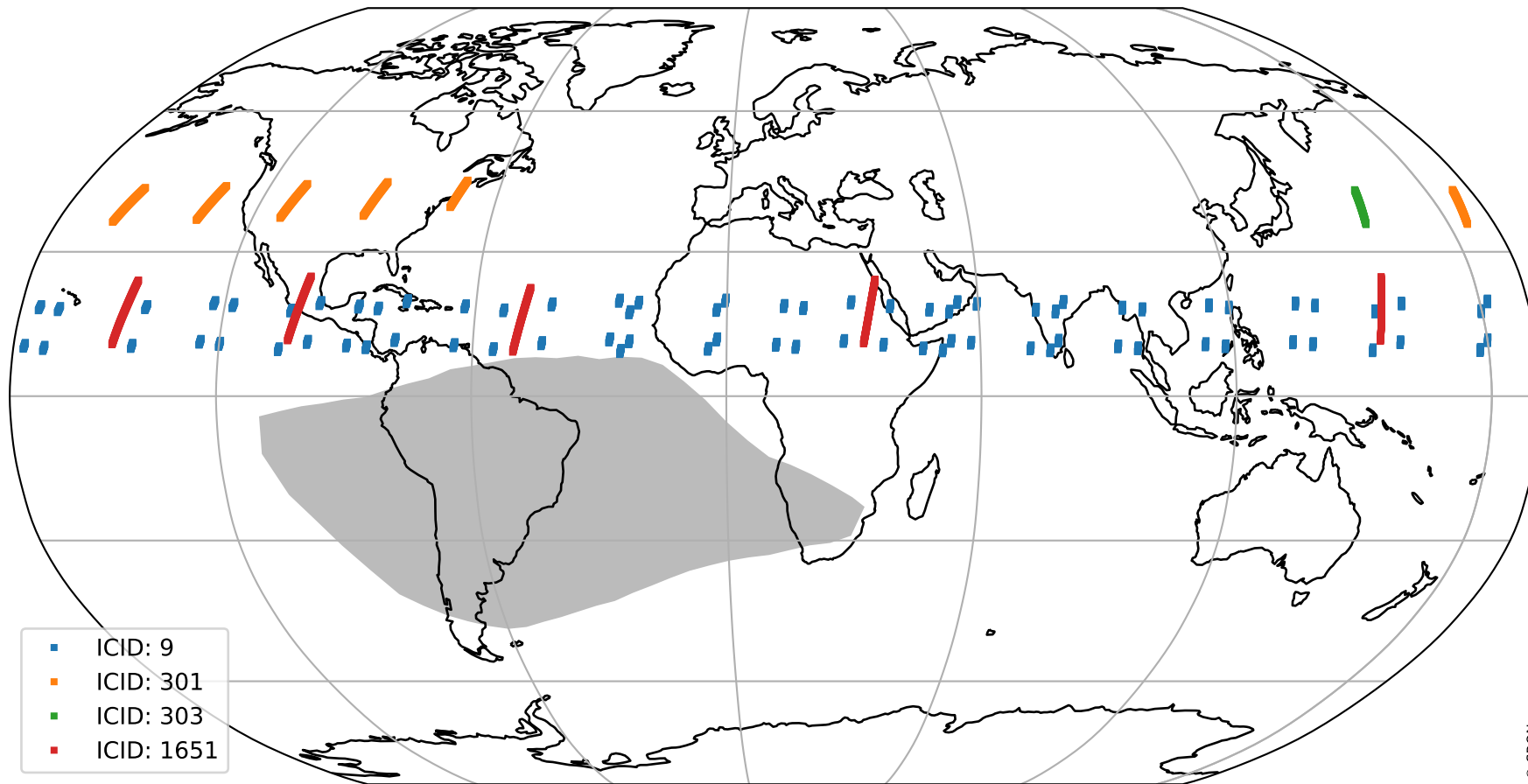
orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
median : 0.94658  
spread : 0.090013  
created : 2023-08-21T14:46:55





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

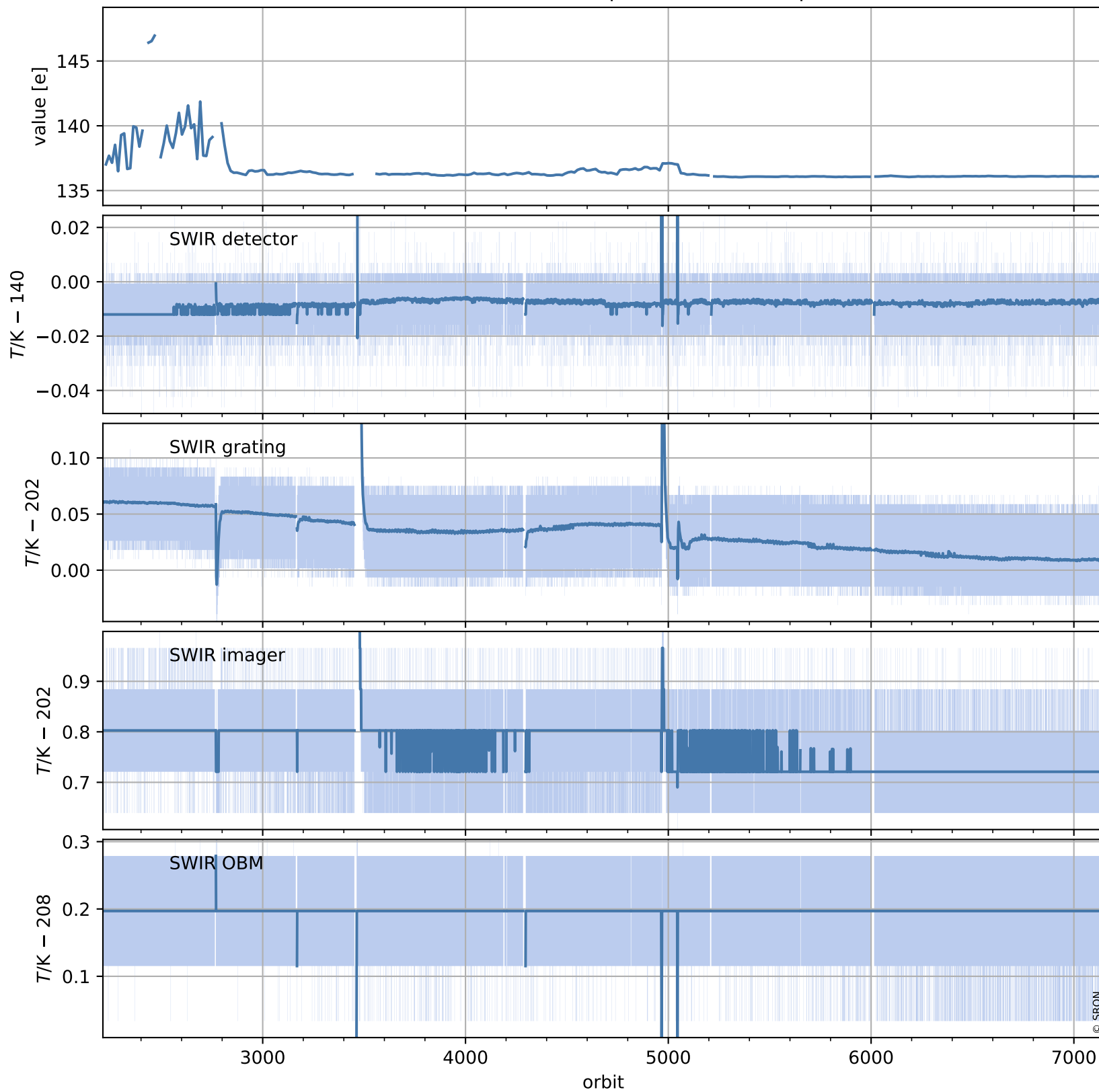
orbits : 12 in [7057, 7147]  
coverage : 2019-02-23 / 2019-03-01  
created : 2023-08-21T14:46:55



# Tropomi SWIR background noise (swir)

orbits : [2212, 7147]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:46:56

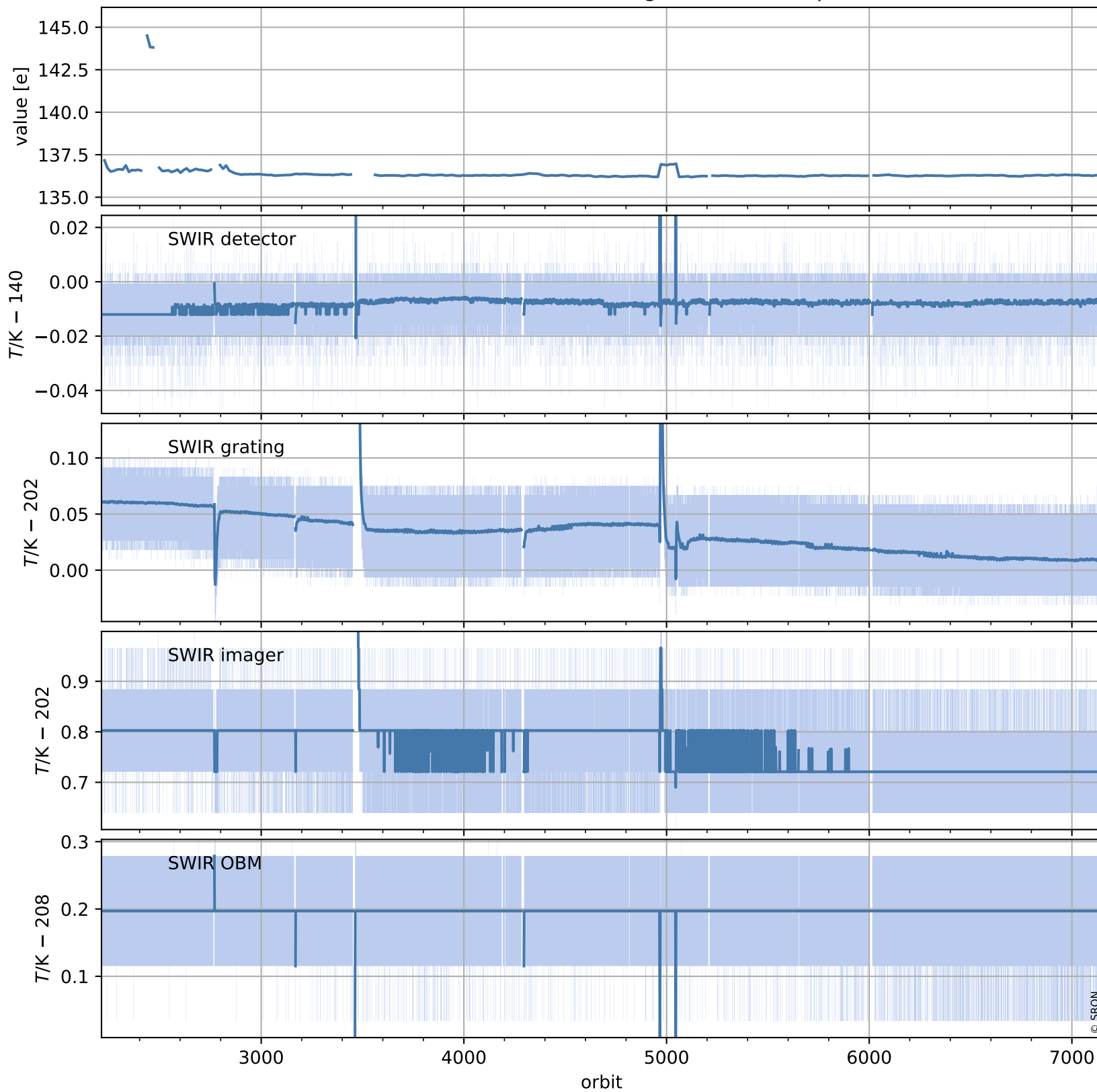
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7147]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:46:57

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7147]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:46:57

## trend of normalized read-noise & temperatures

