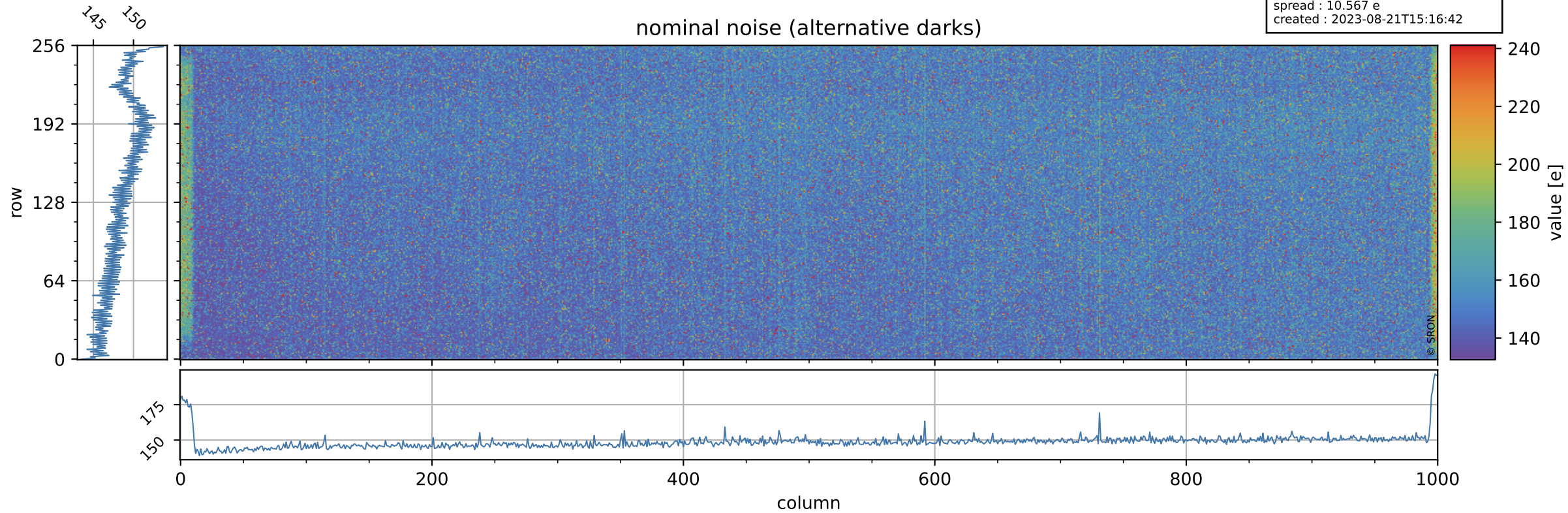


# Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.49 e  
spread : 10.567 e  
created : 2023-08-21T15:16:42

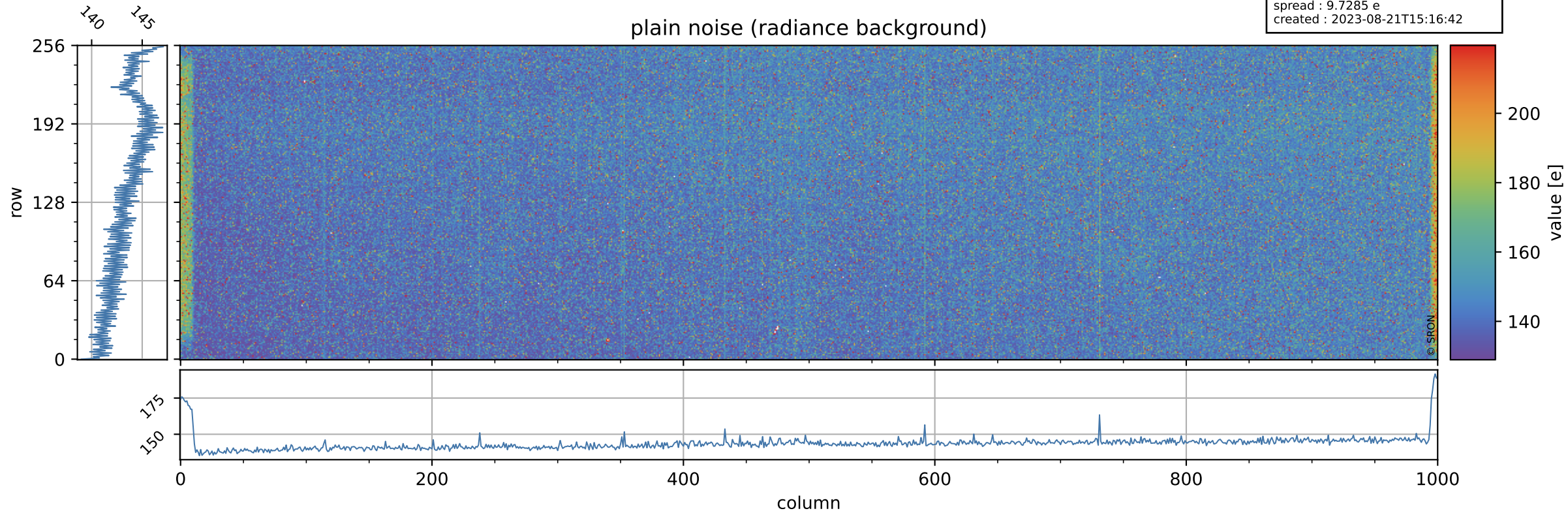
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7285 e  
created : 2023-08-21T15:16:42

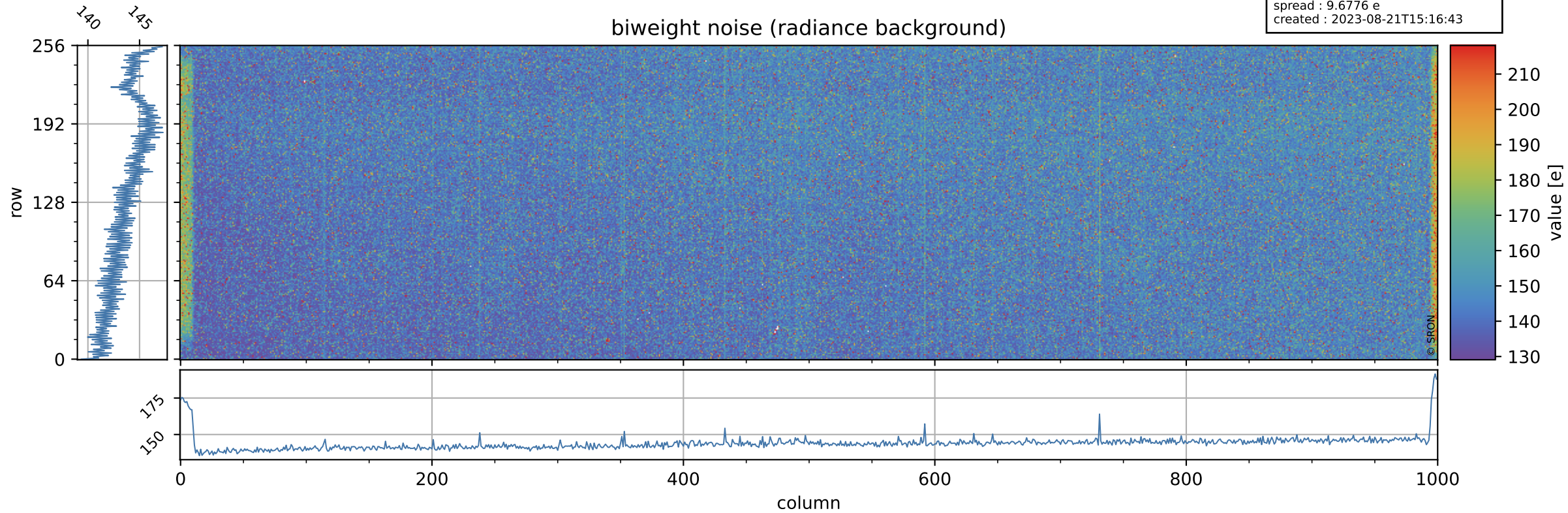
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.64 e  
spread : 9.6776 e  
created : 2023-08-21T15:16:43

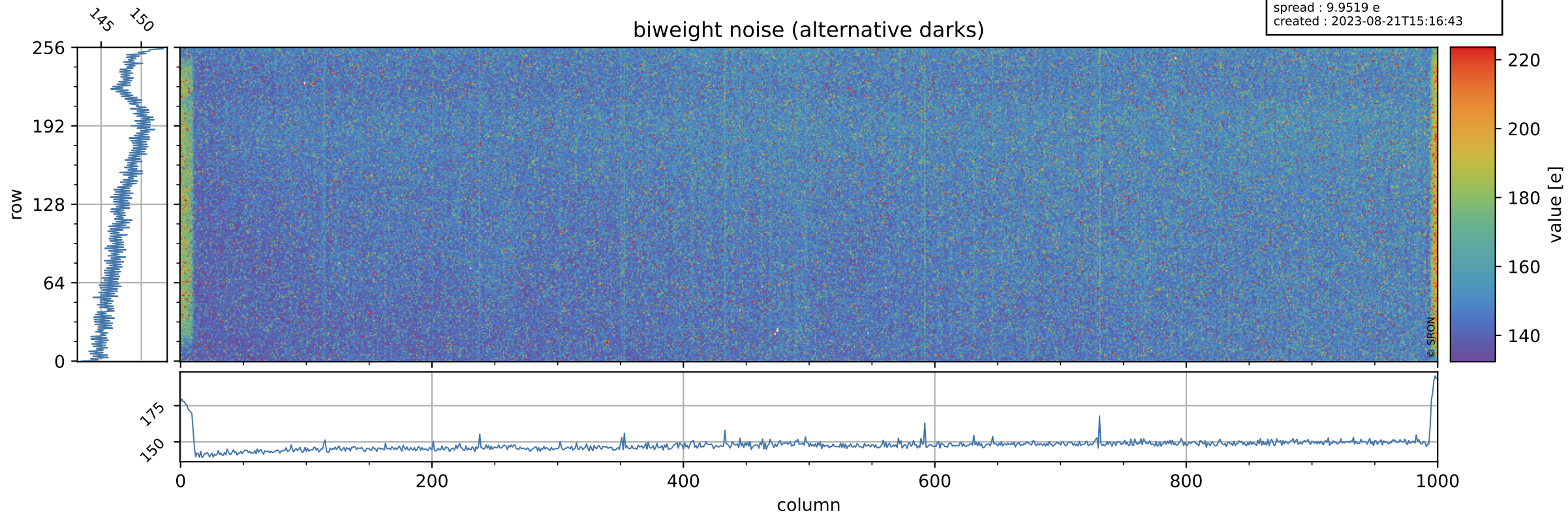
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 9.9519 e  
created : 2023-08-21T15:16:43

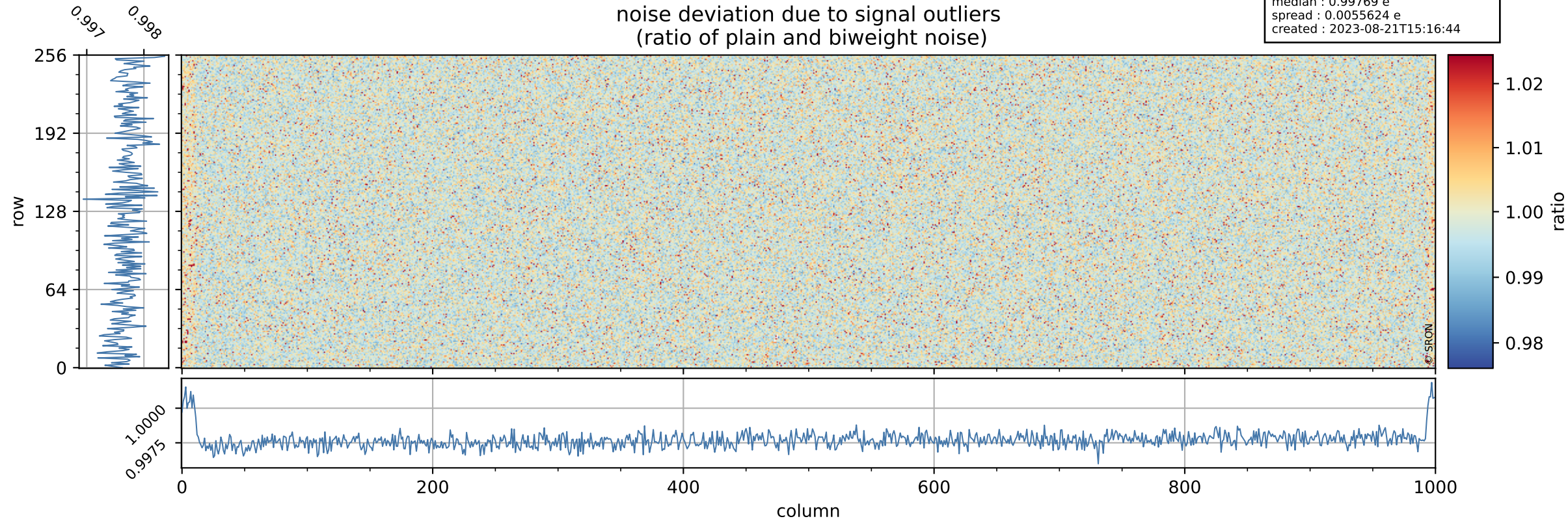
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

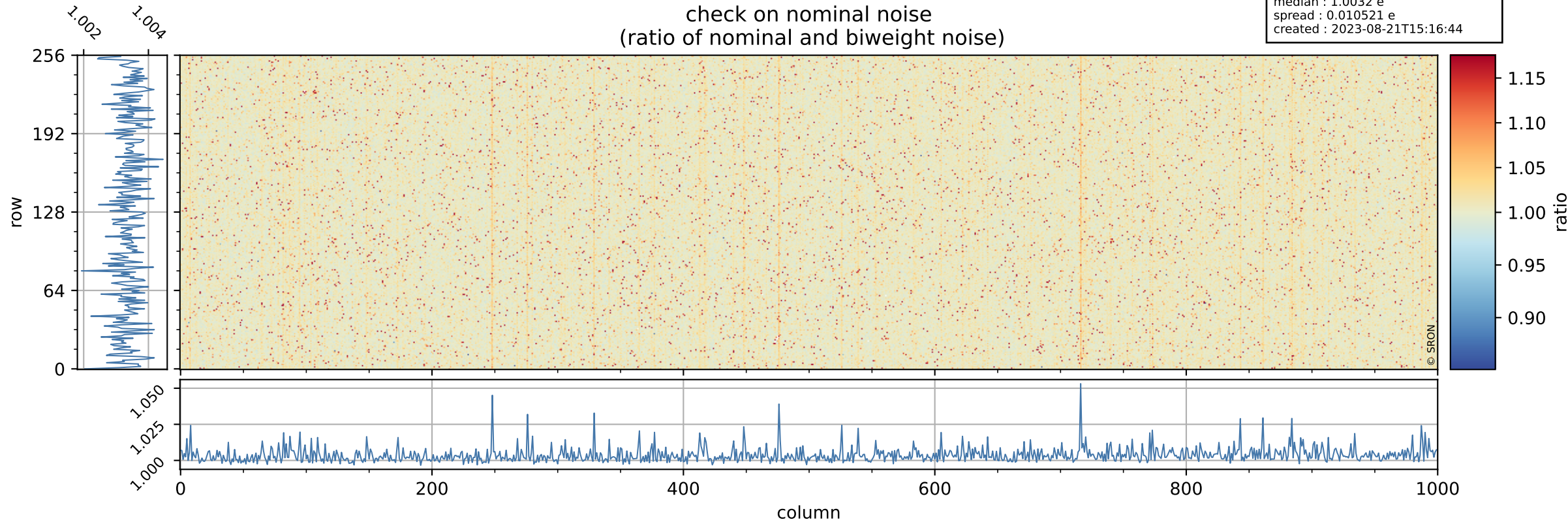
orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
median : 0.99769 e  
spread : 0.0055624 e  
created : 2023-08-21T15:16:44



# Tropomi SWIR background noise (swir)

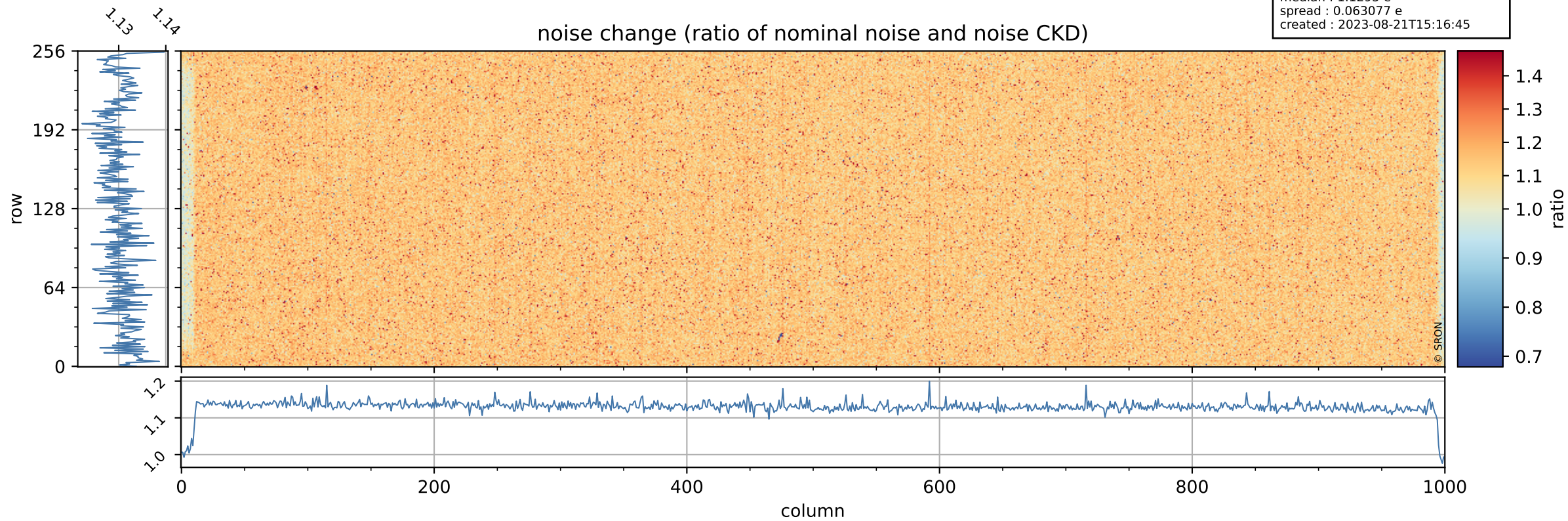
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
median : 1.0032 e  
spread : 0.010521 e  
created : 2023-08-21T15:16:44



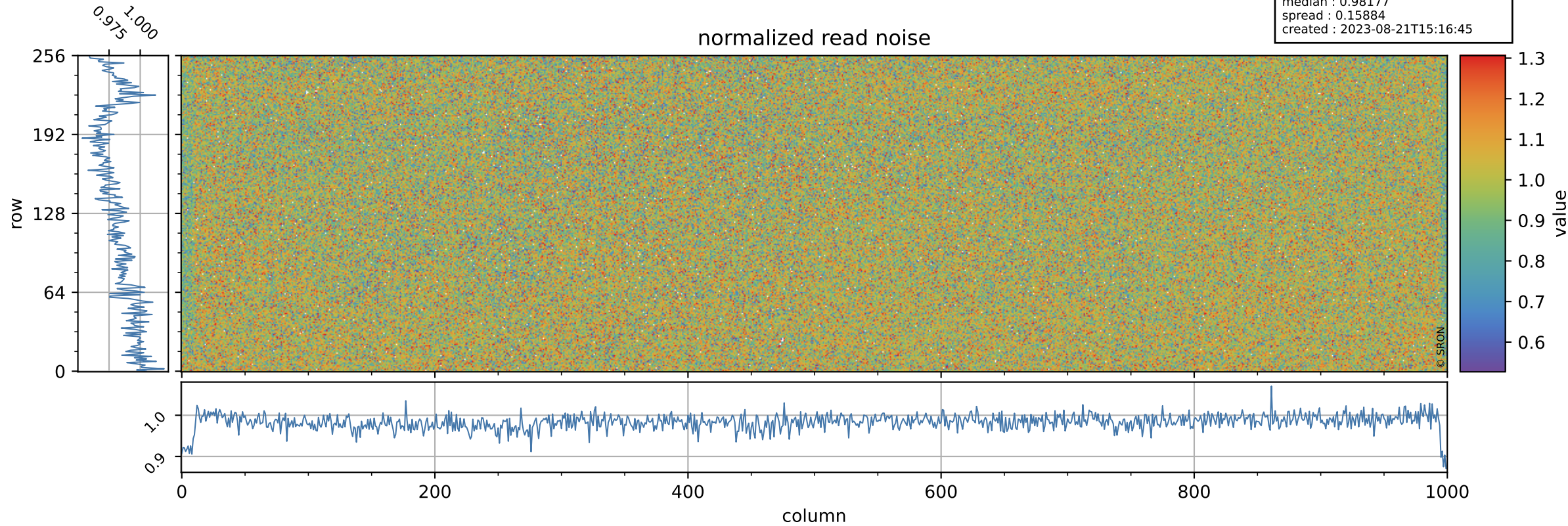
# Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
median : 1.1295 e  
spread : 0.063077 e  
created : 2023-08-21T15:16:45



# Tropomi SWIR background noise (swir)

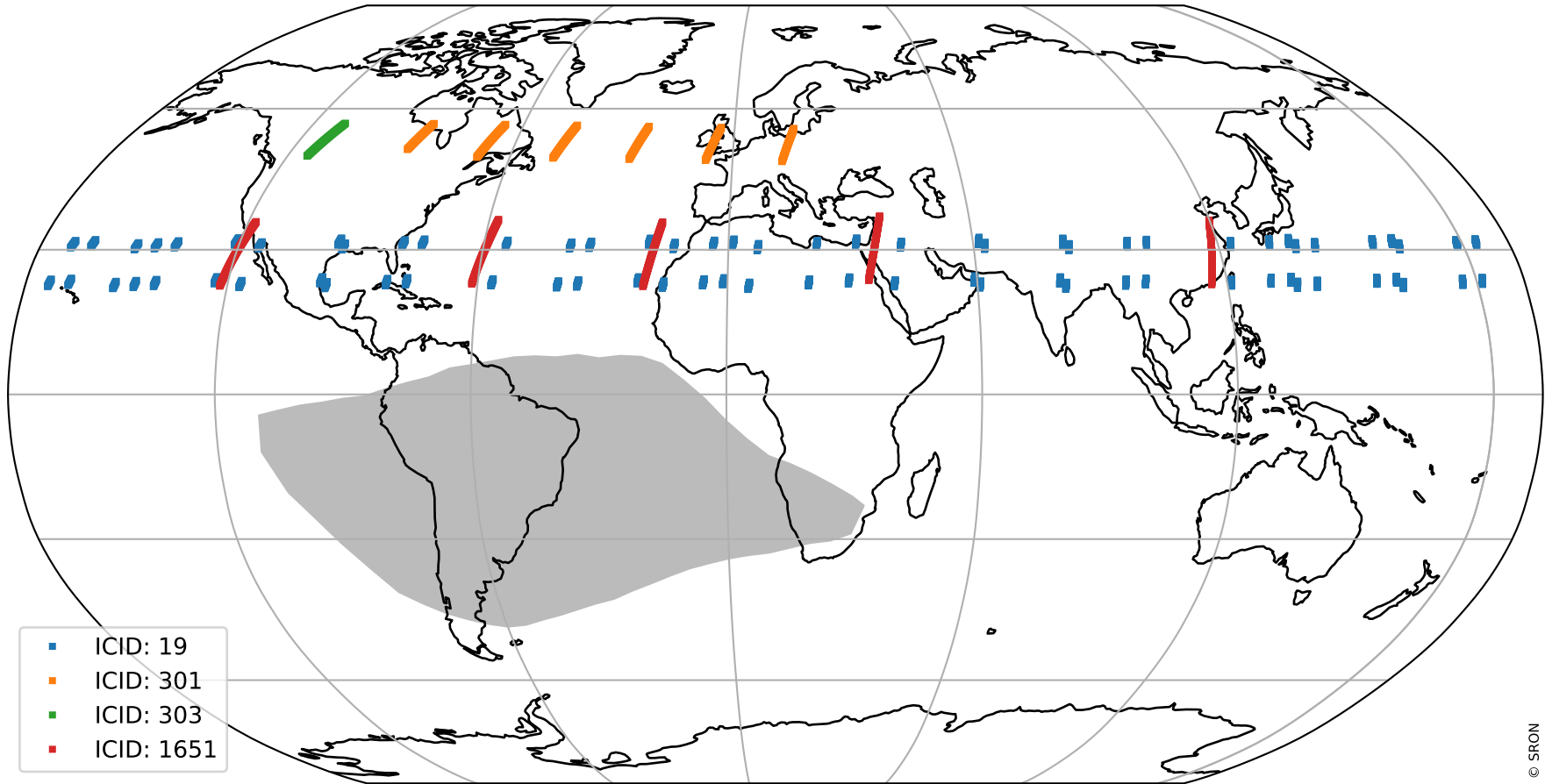
orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
median : 0.98177  
spread : 0.15884  
created : 2023-08-21T15:16:45





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

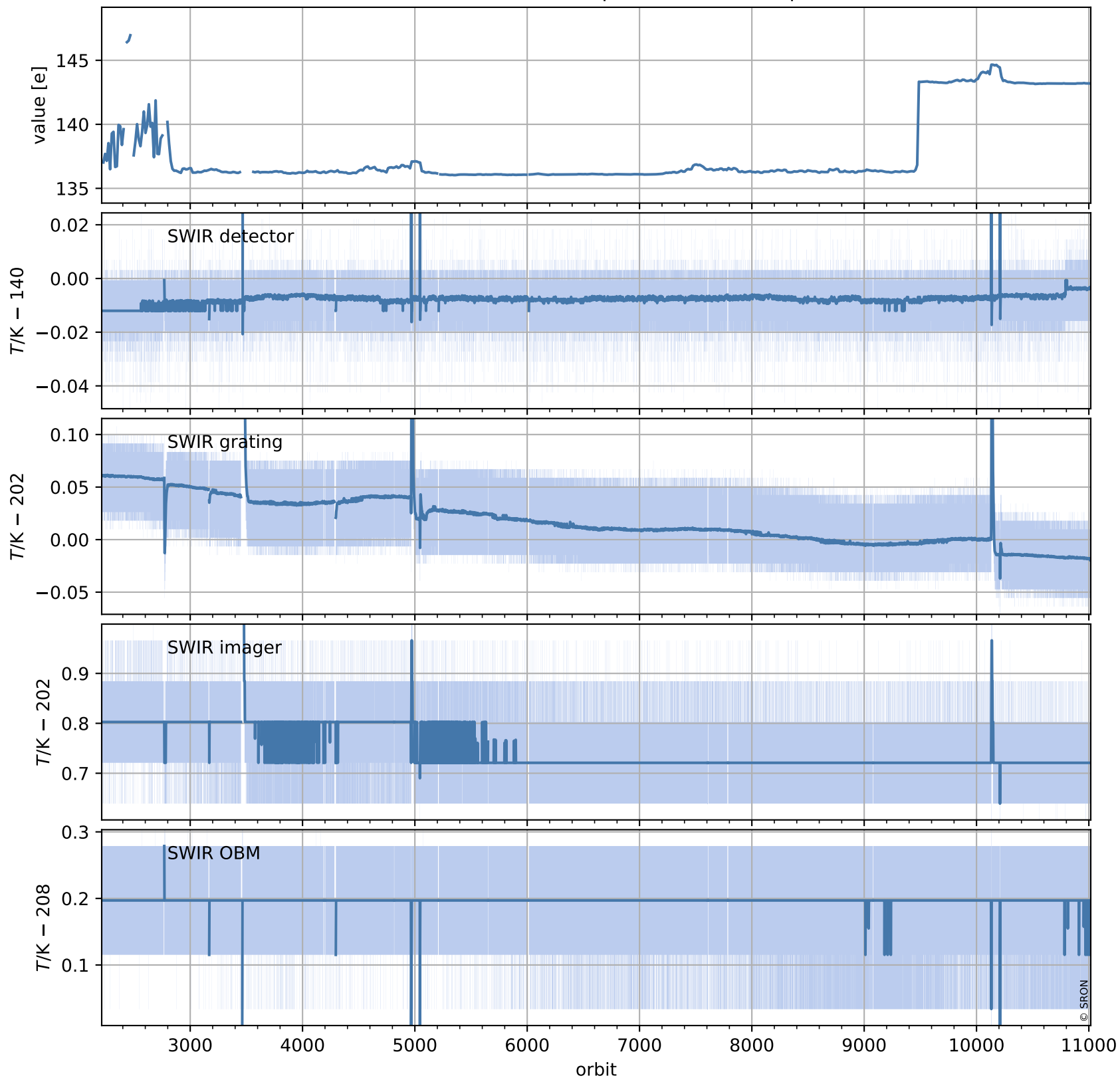
orbits : 12 in [10927, 11017]  
coverage : 2019-11-22 / 2019-11-28  
created : 2023-08-21T15:16:46



# Tropomi SWIR background noise (swir)

orbits : [2212, 11017]  
coverage : 2018-03-18 / 2019-11-28  
created : 2023-08-21T15:16:46

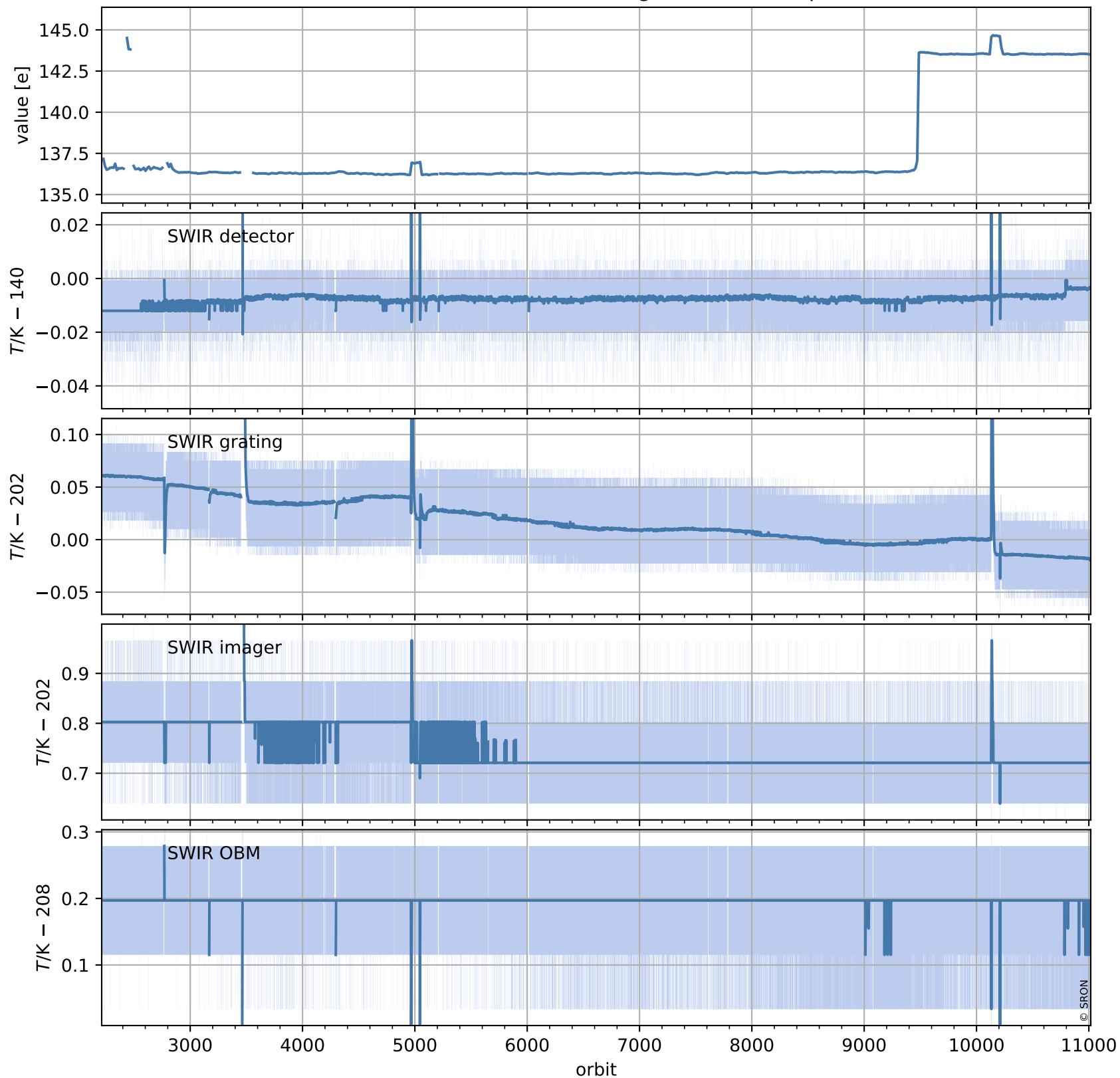
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11017]  
coverage : 2018-03-18 / 2019-11-28  
created : 2023-08-21T15:16:47

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11017]  
coverage : 2018-03-18 / 2019-11-28  
created : 2023-08-21T15:16:48

## trend of normalized read-noise & temperatures

