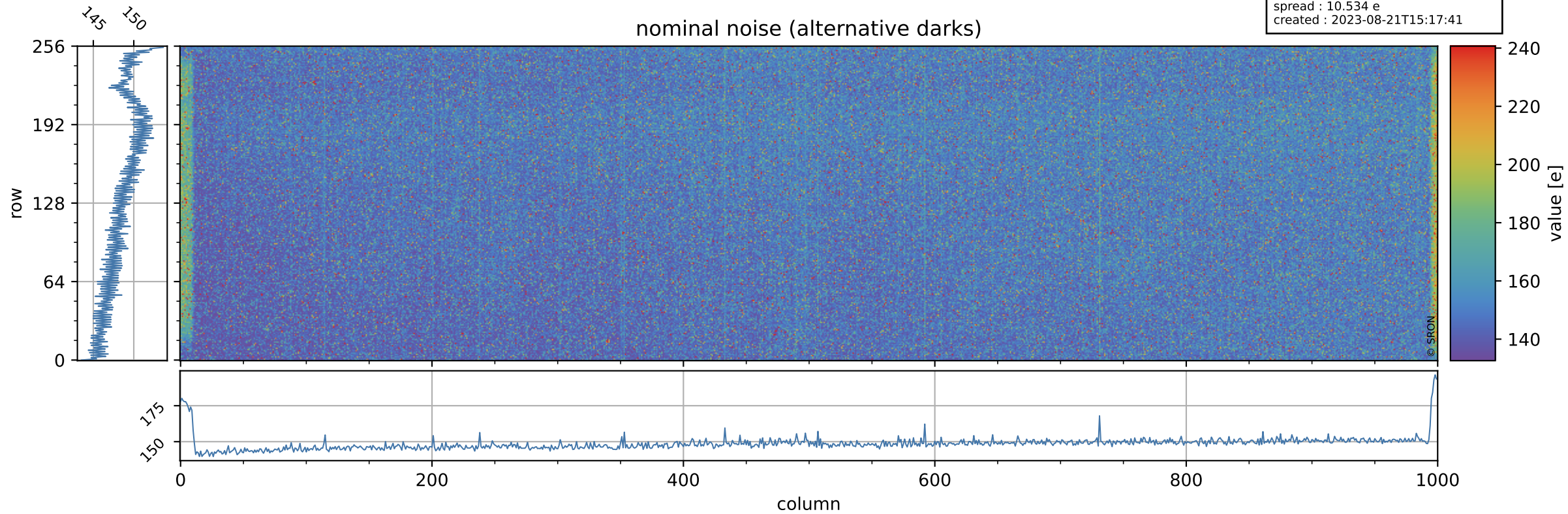


# Tropomi SWIR background noise (swir)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.47 e  
spread : 10.534 e  
created : 2023-08-21T15:17:41

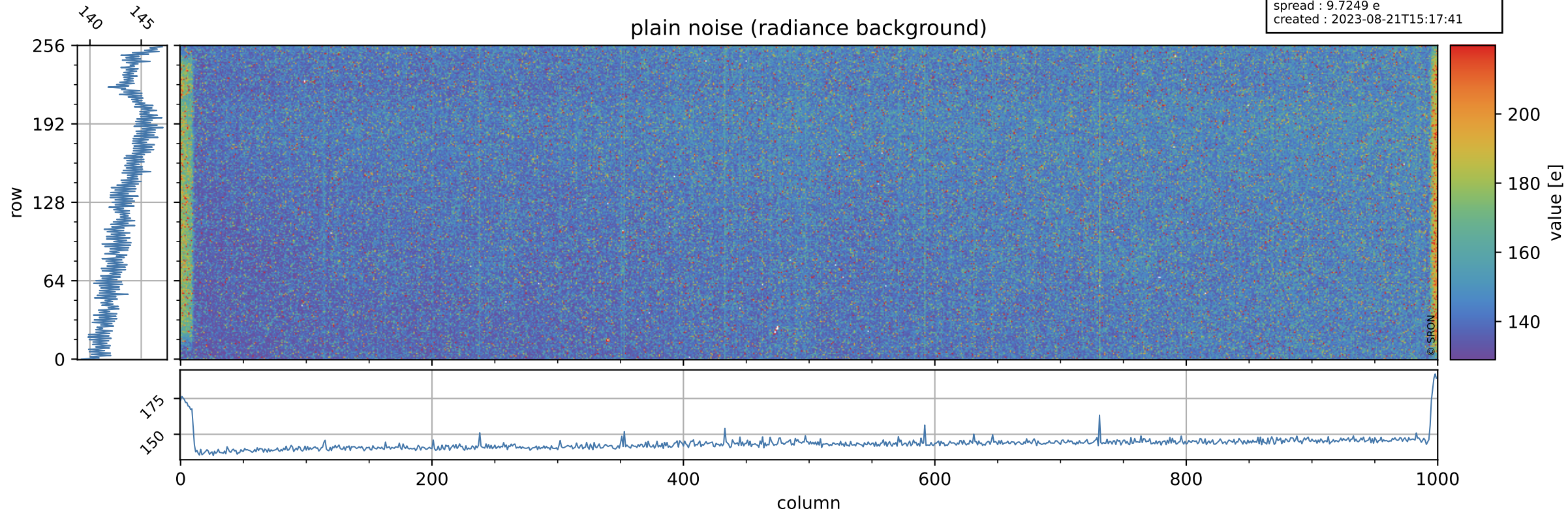
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7249 e  
created : 2023-08-21T15:17:41

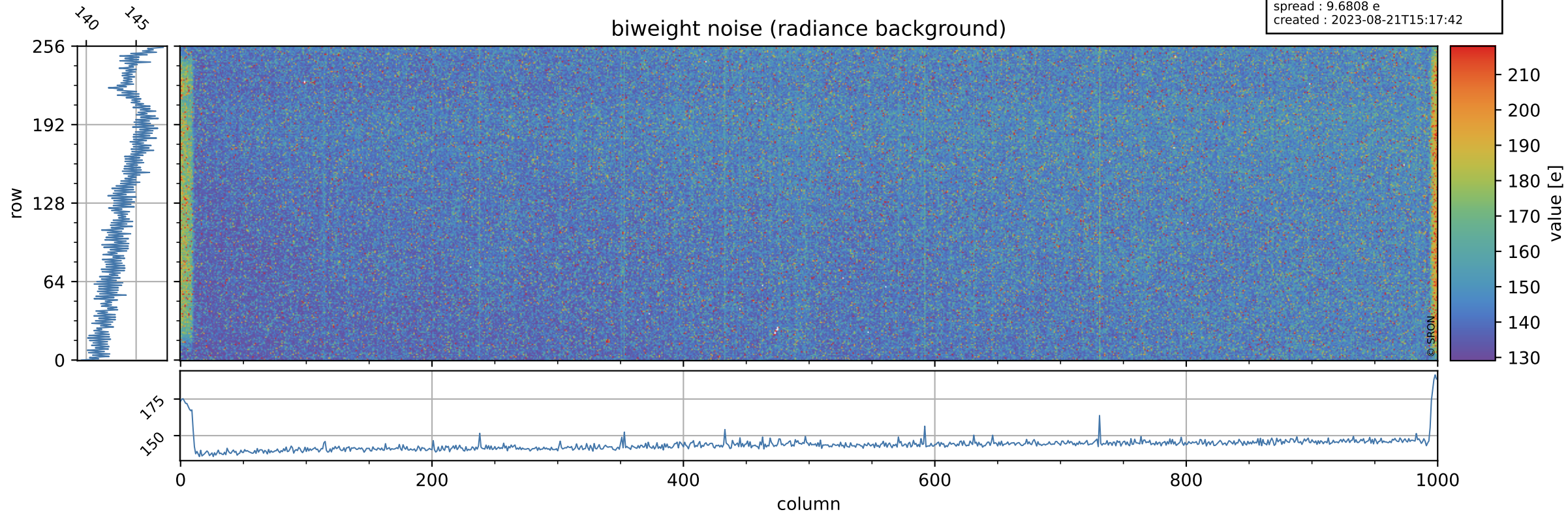
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.6808 e  
created : 2023-08-21T15:17:42

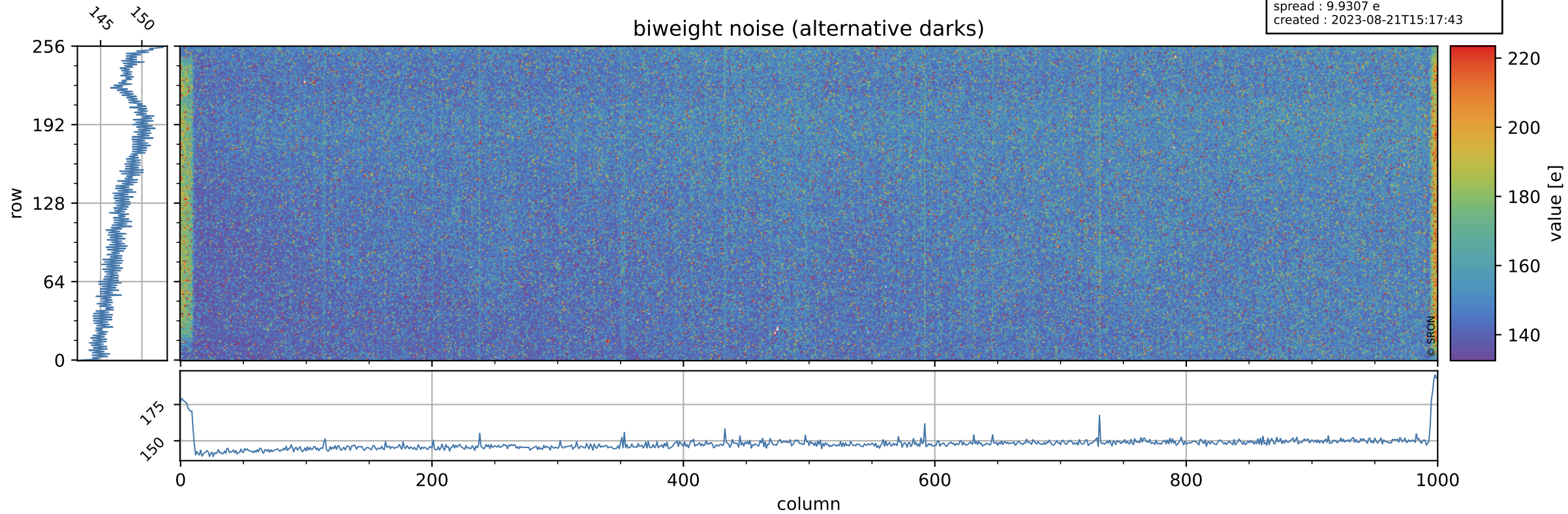
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 9.9307 e  
created : 2023-08-21T15:17:43

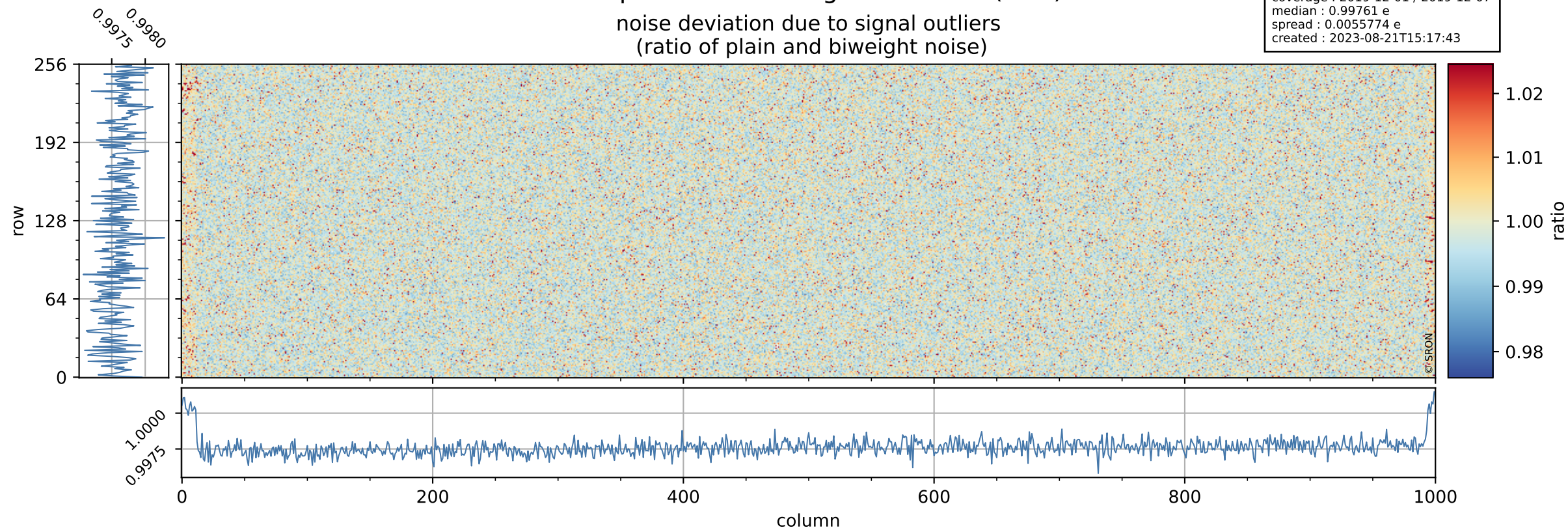
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

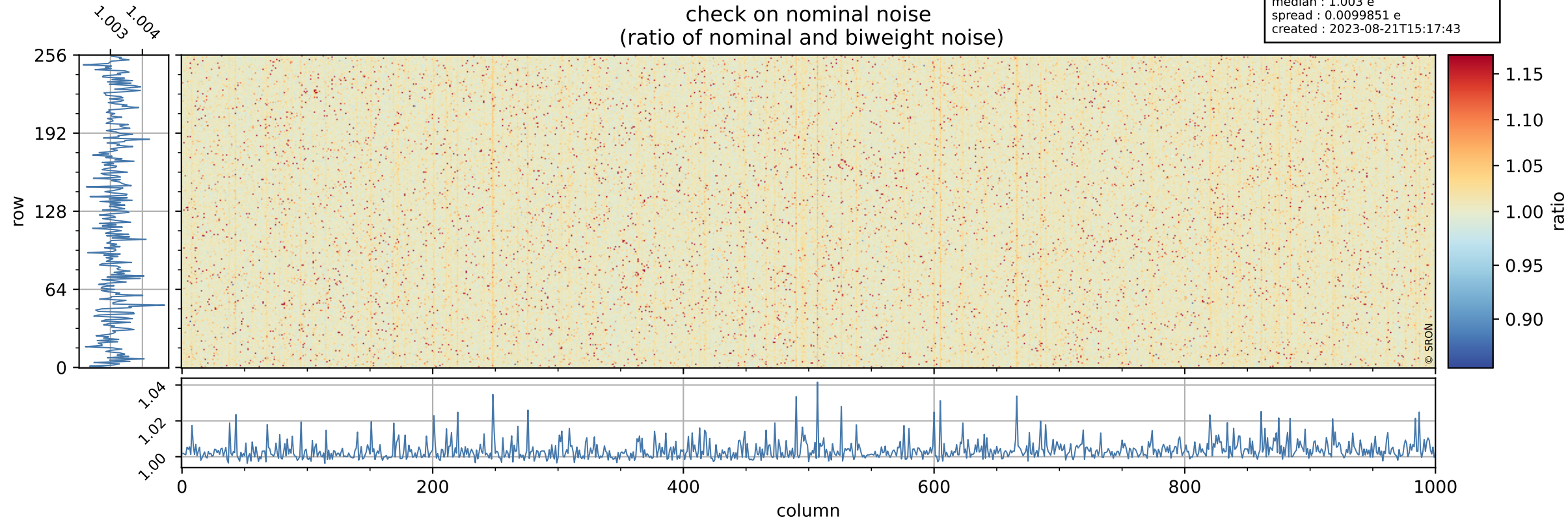
orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
median : 0.99761 e  
spread : 0.0055774 e  
created : 2023-08-21T15:17:43



# Tropomi SWIR background noise (swir)

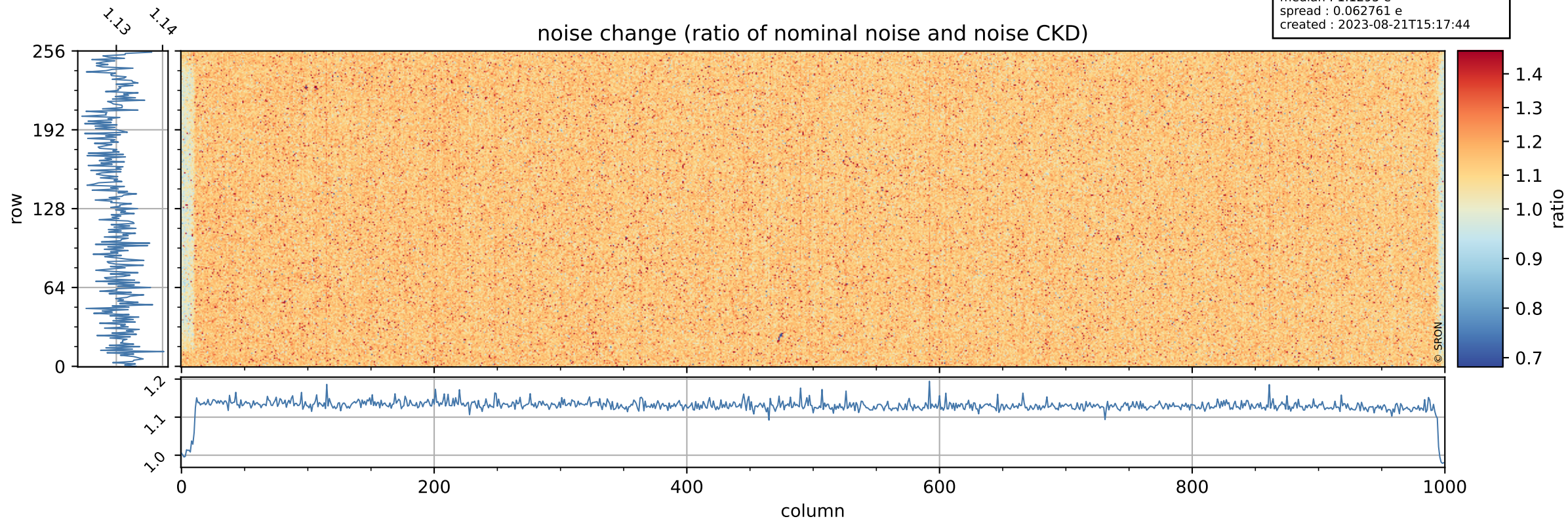
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
median : 1.003 e  
spread : 0.0099851 e  
created : 2023-08-21T15:17:43



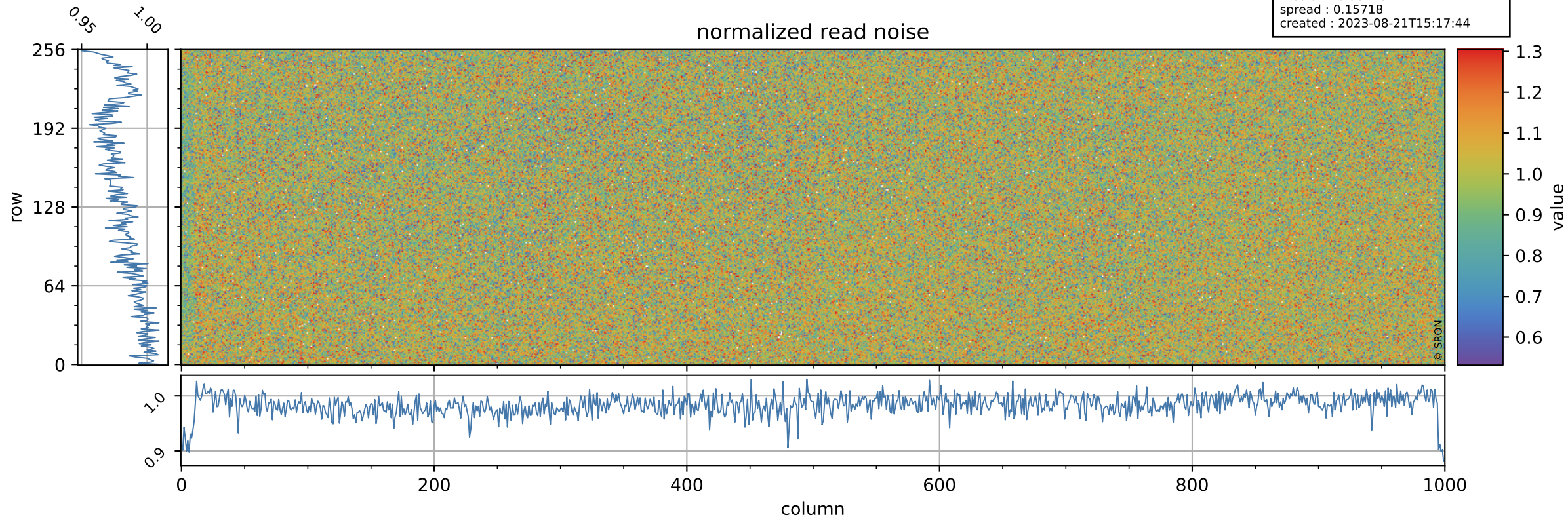
# Tropomi SWIR background noise (swir)

orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
median : 1.1295 e  
spread : 0.062761 e  
created : 2023-08-21T15:17:44



# Tropomi SWIR background noise (swir)

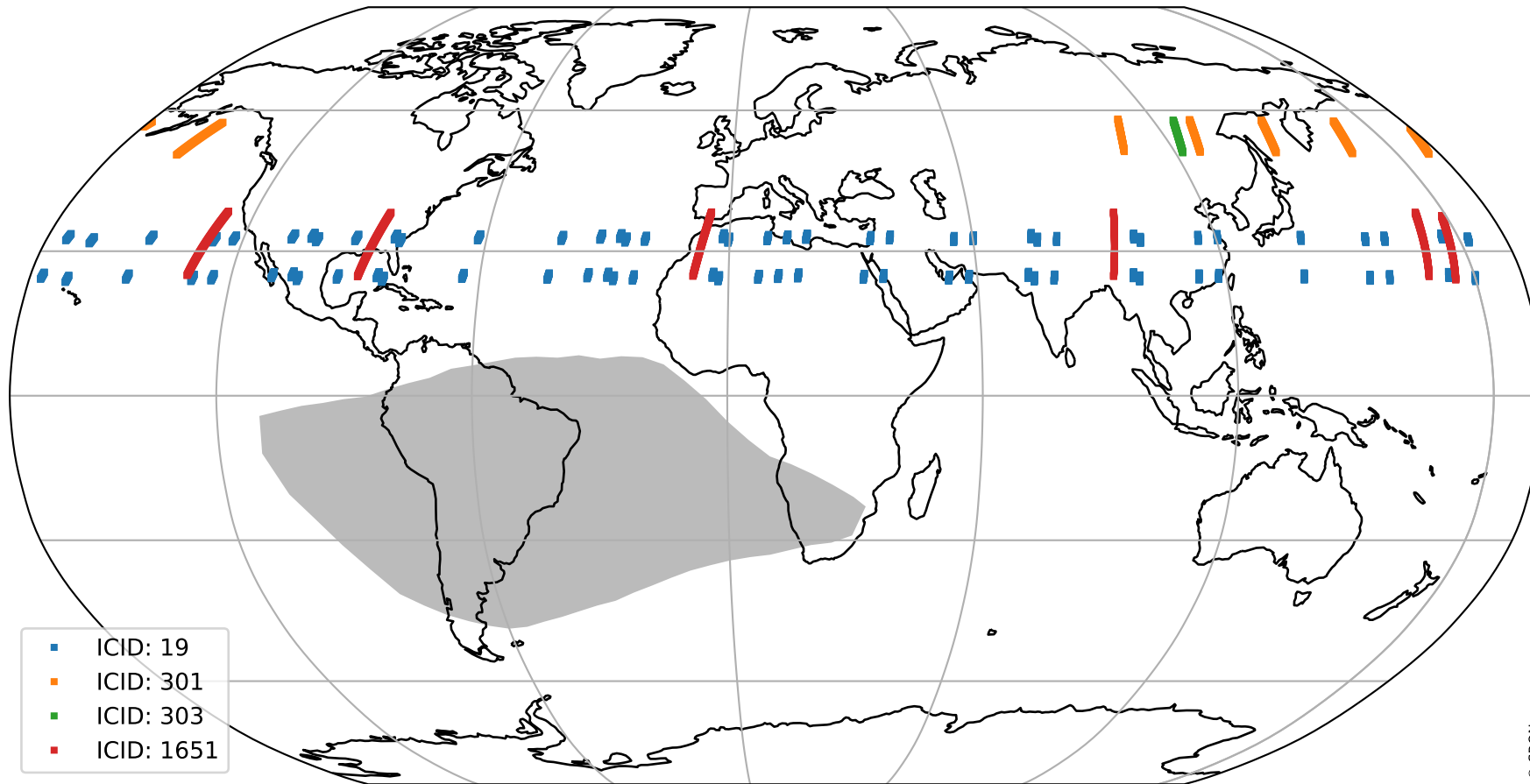
orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
median : 0.98225  
spread : 0.15718  
created : 2023-08-21T15:17:44





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

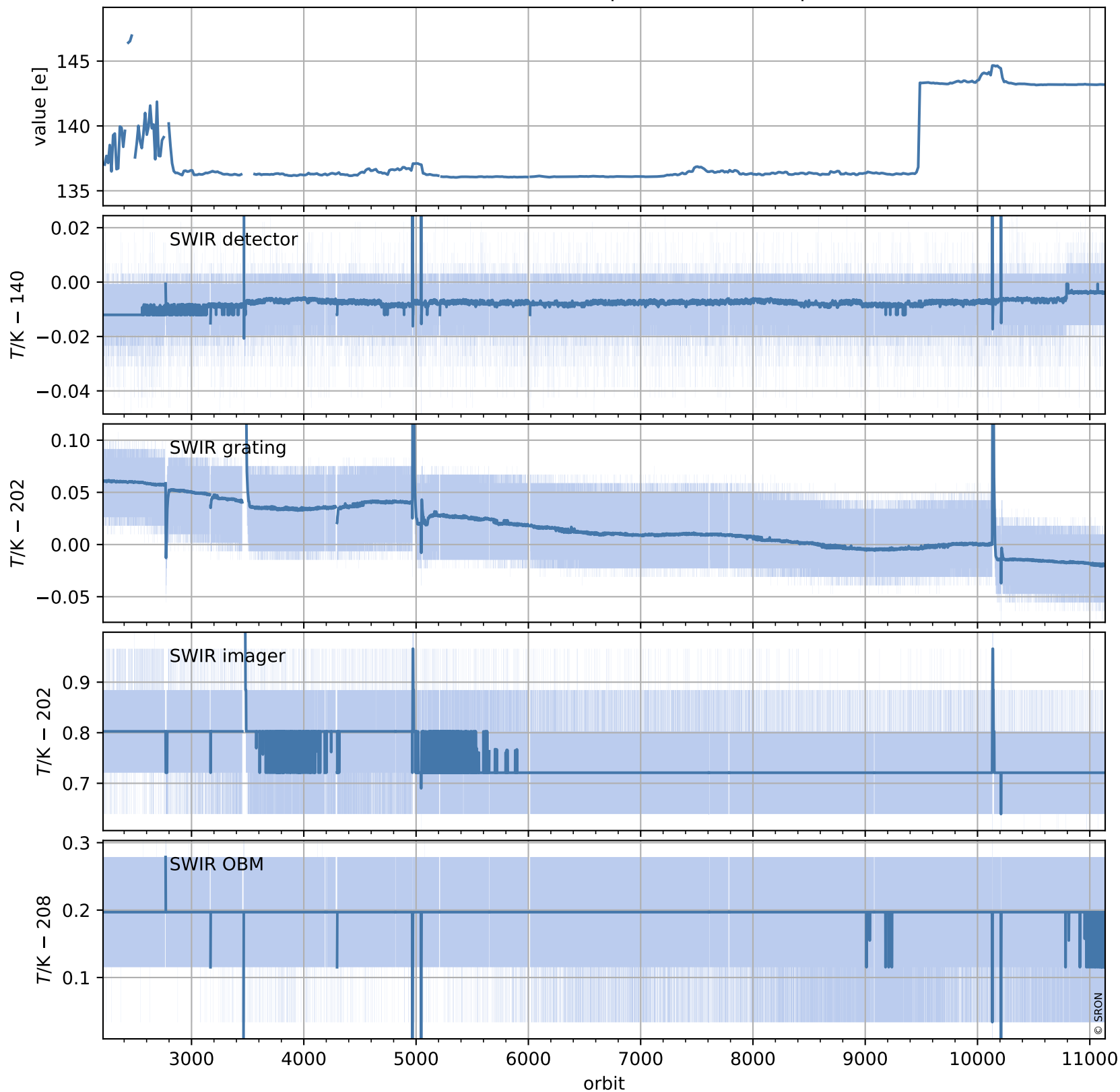
orbits : 13 in [11047, 11137]  
coverage : 2019-12-01 / 2019-12-07  
created : 2023-08-21T15:17:44



# Tropomi SWIR background noise (swir)

orbits : [2212, 11137]  
coverage : 2018-03-18 / 2019-12-07  
created : 2023-08-21T15:17:45

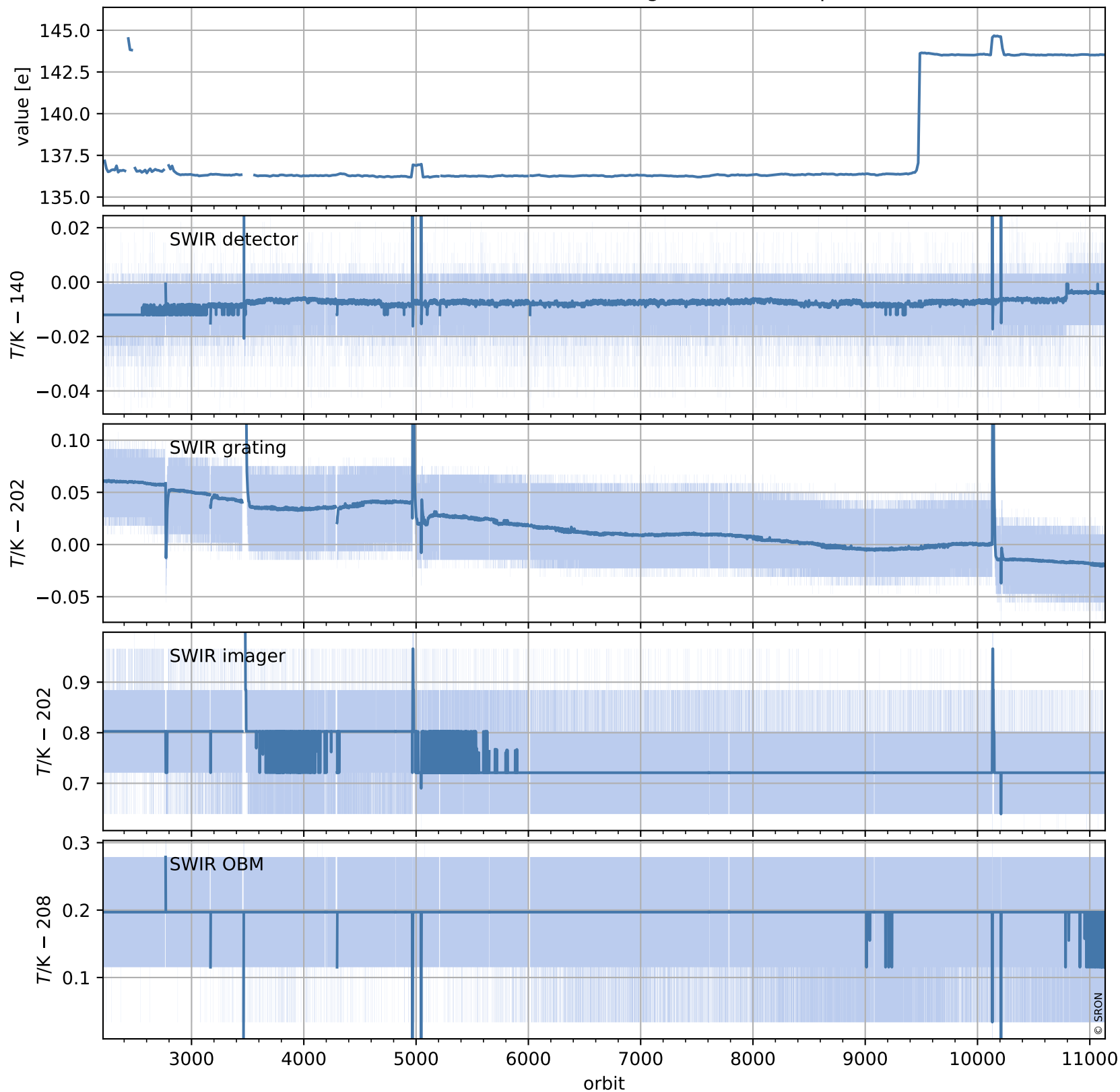
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11137]  
coverage : 2018-03-18 / 2019-12-07  
created : 2023-08-21T15:17:46

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11137]  
coverage : 2018-03-18 / 2019-12-07  
created : 2023-08-21T15:17:47

## trend of normalized read-noise & temperatures

