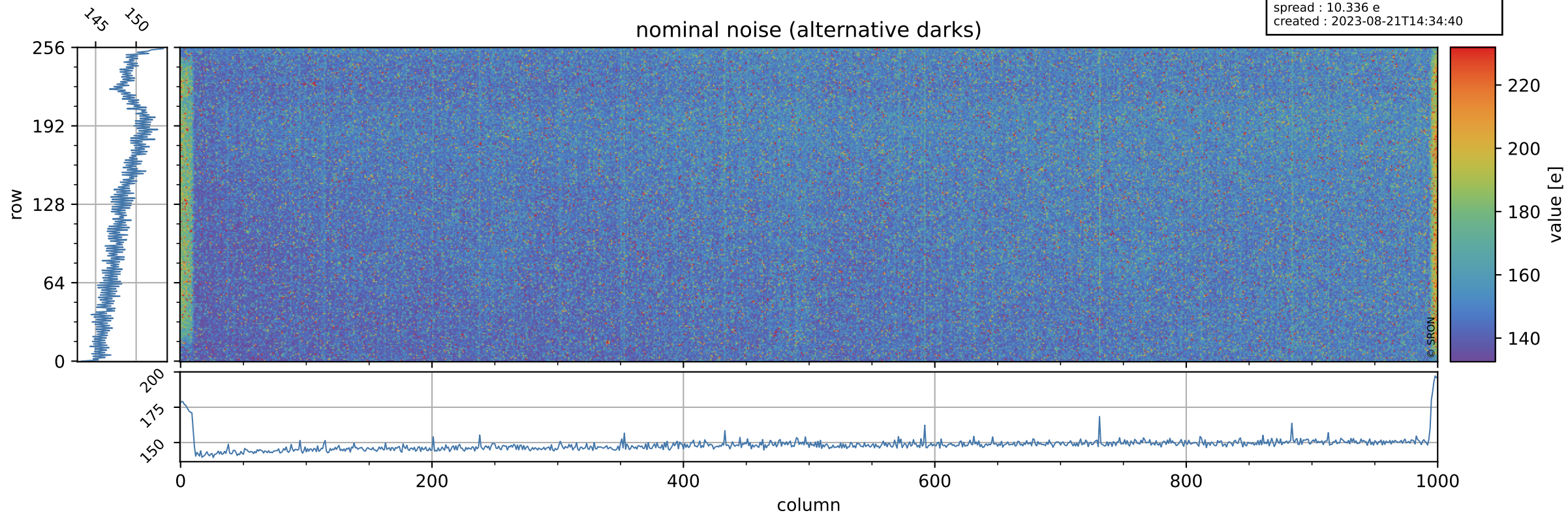


# Tropomi SWIR background noise (swir)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.26 e  
spread : 10.336 e  
created : 2023-08-21T14:34:40

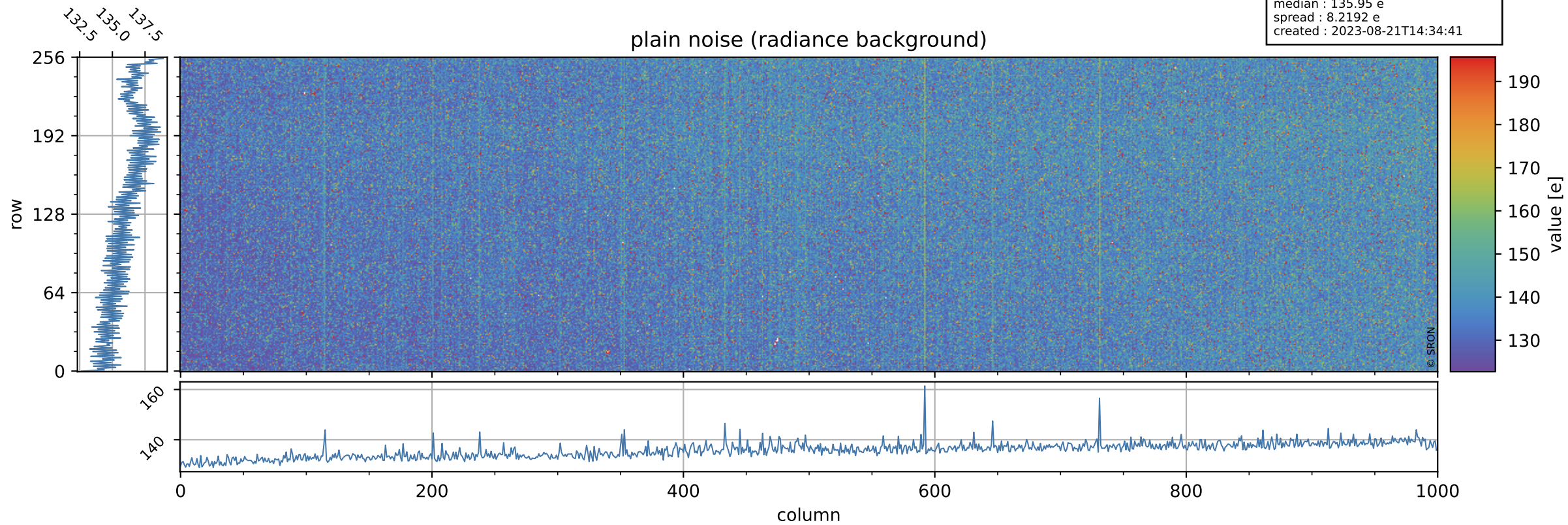
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
n\_coad, t\_exp : 2, 0.5383  
median : 135.95 e  
spread : 8.2192 e  
created : 2023-08-21T14:34:41

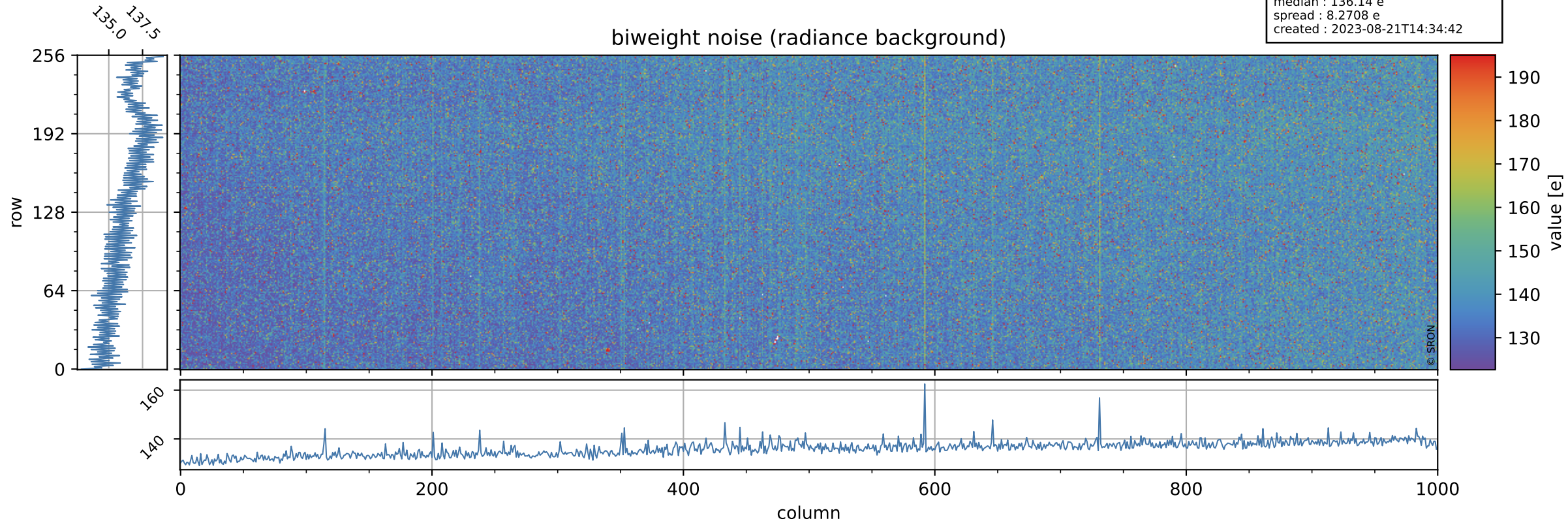
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
n\_coad, t\_exp : 2, 0.5383  
median : 136.14 e  
spread : 8.2708 e  
created : 2023-08-21T14:34:42

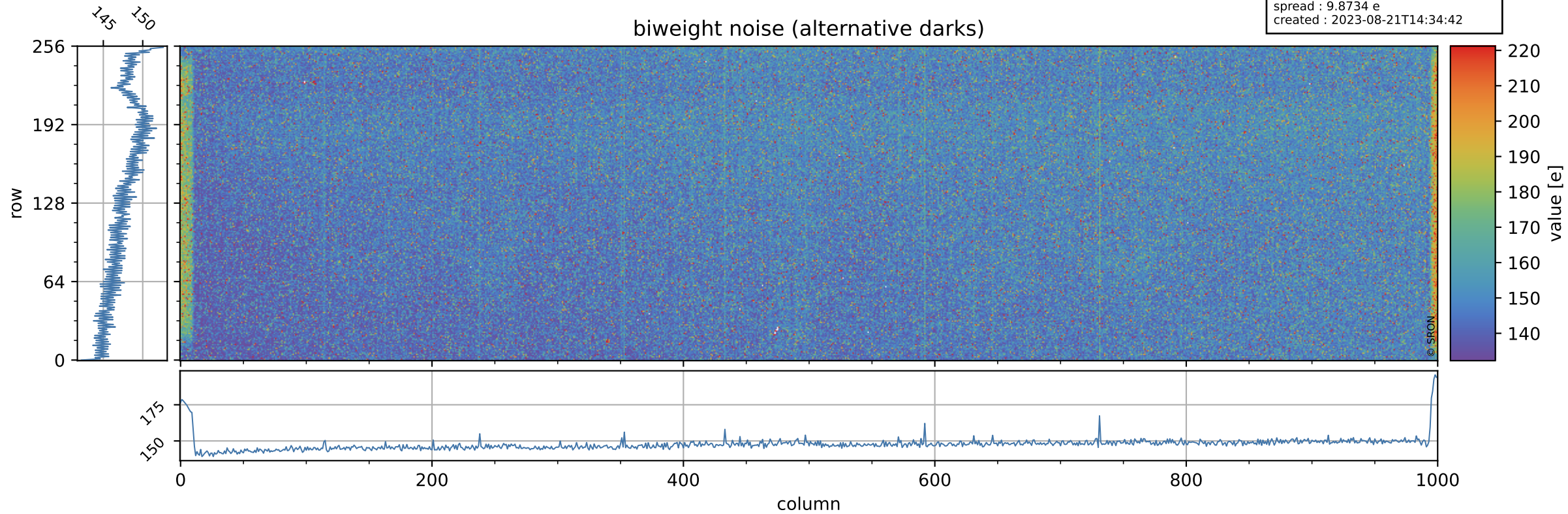
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.52 e  
spread : 9.8734 e  
created : 2023-08-21T14:34:42

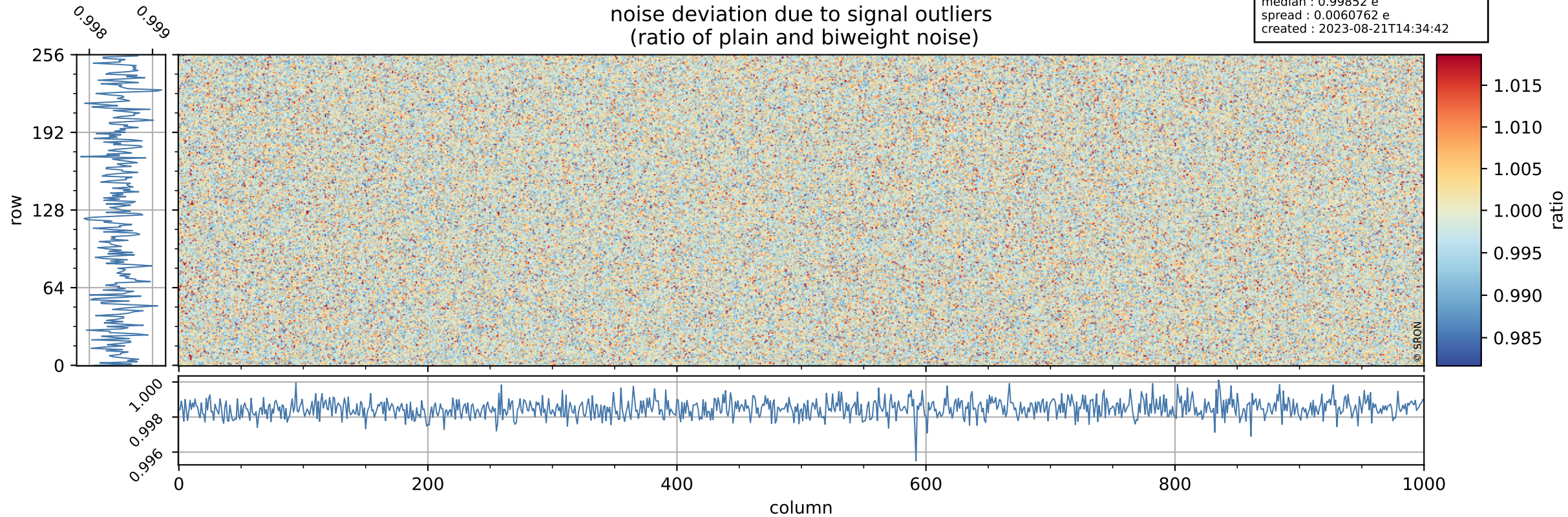
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

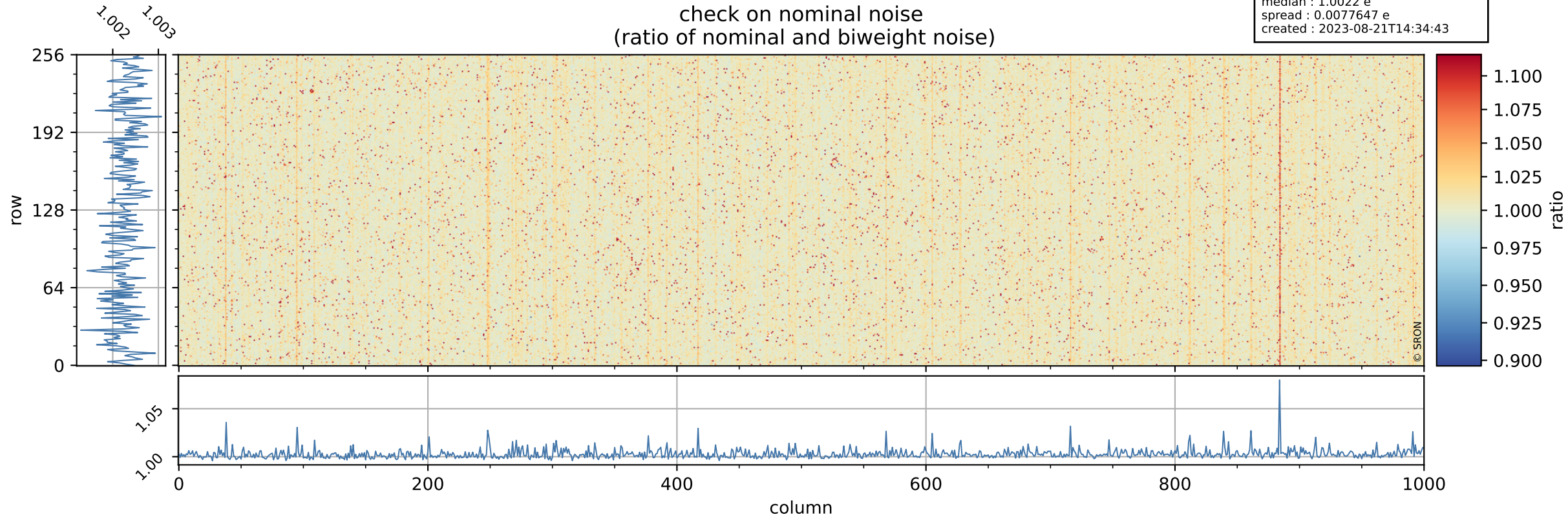
orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
median : 0.99852 e  
spread : 0.0060762 e  
created : 2023-08-21T14:34:42



# Tropomi SWIR background noise (swir)

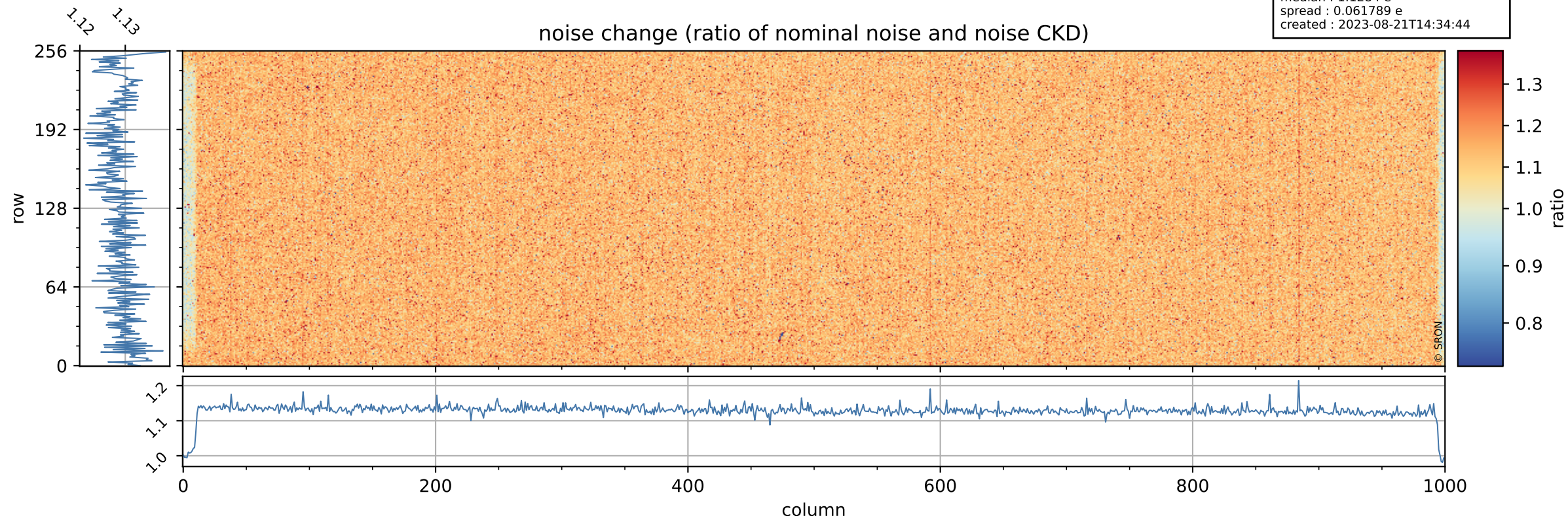
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
median : 1.0022 e  
spread : 0.0077647 e  
created : 2023-08-21T14:34:43



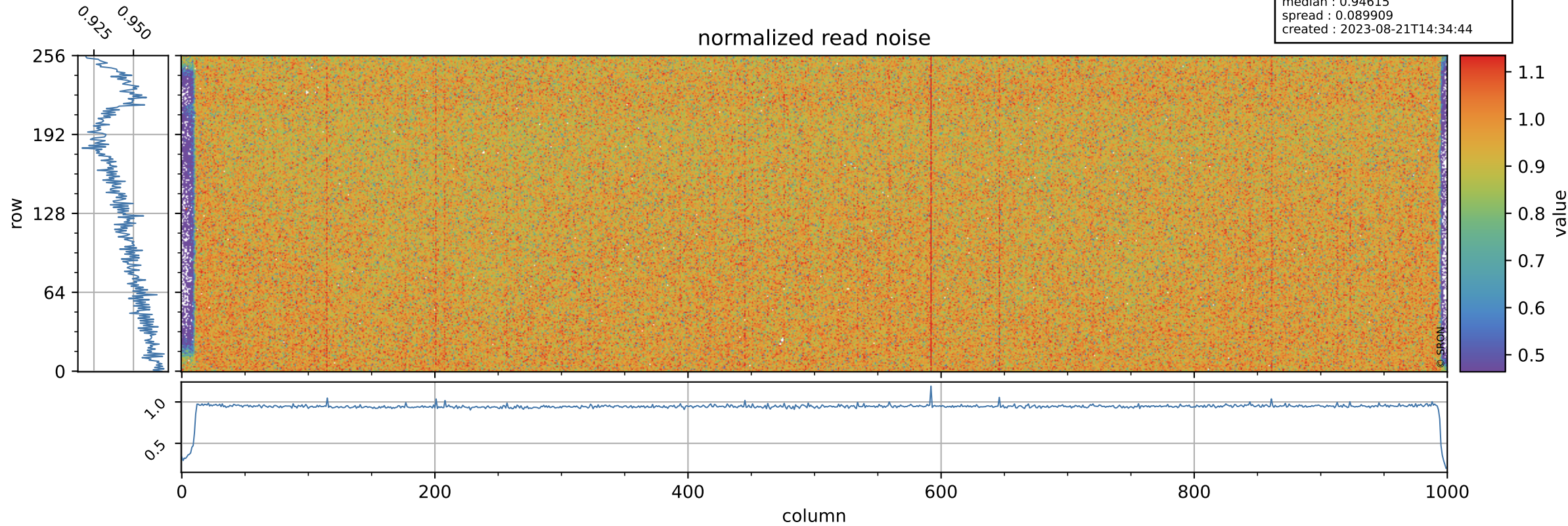
# Tropomi SWIR background noise (swir)

orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
median : 1.1284 e  
spread : 0.061789 e  
created : 2023-08-21T14:34:44



# Tropomi SWIR background noise (swir)

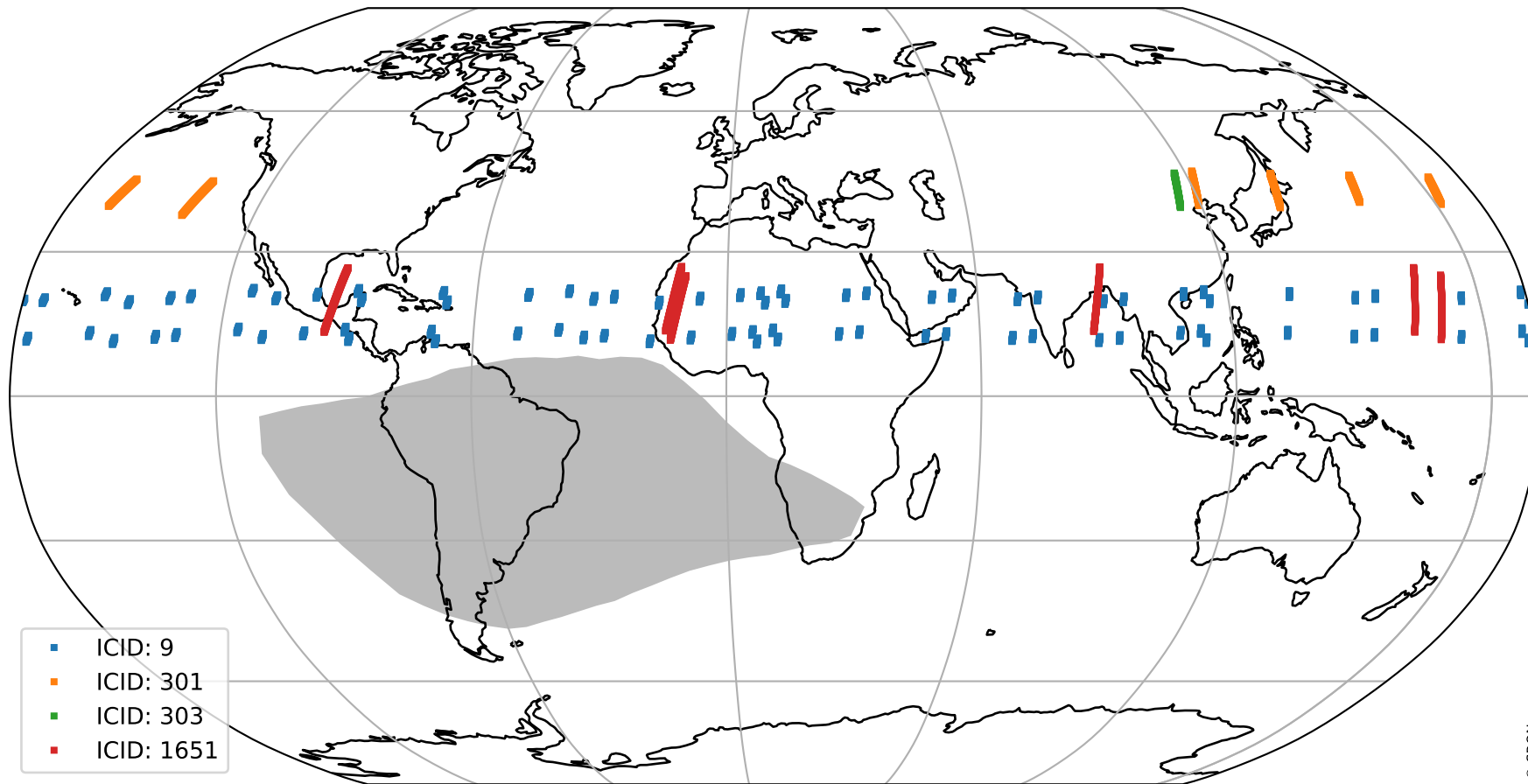
orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
median : 0.94615  
spread : 0.089909  
created : 2023-08-21T14:34:44





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

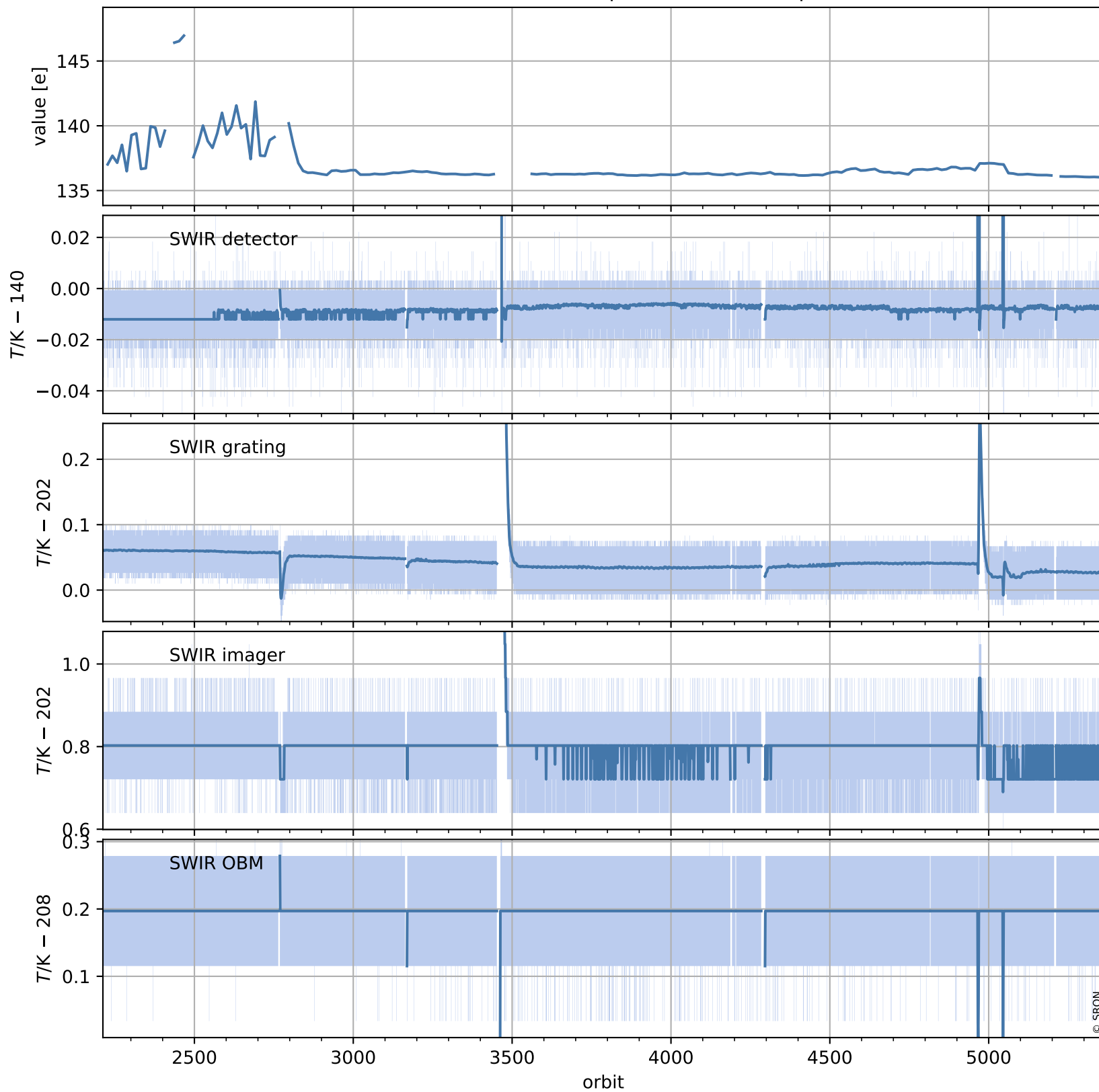
orbits : 13 in [5272, 5362]  
coverage : 2018-10-20 / 2018-10-26  
created : 2023-08-21T14:34:44



# Tropomi SWIR background noise (swir)

orbits : [2212, 5362]  
coverage : 2018-03-18 / 2018-10-26  
created : 2023-08-21T14:34:45

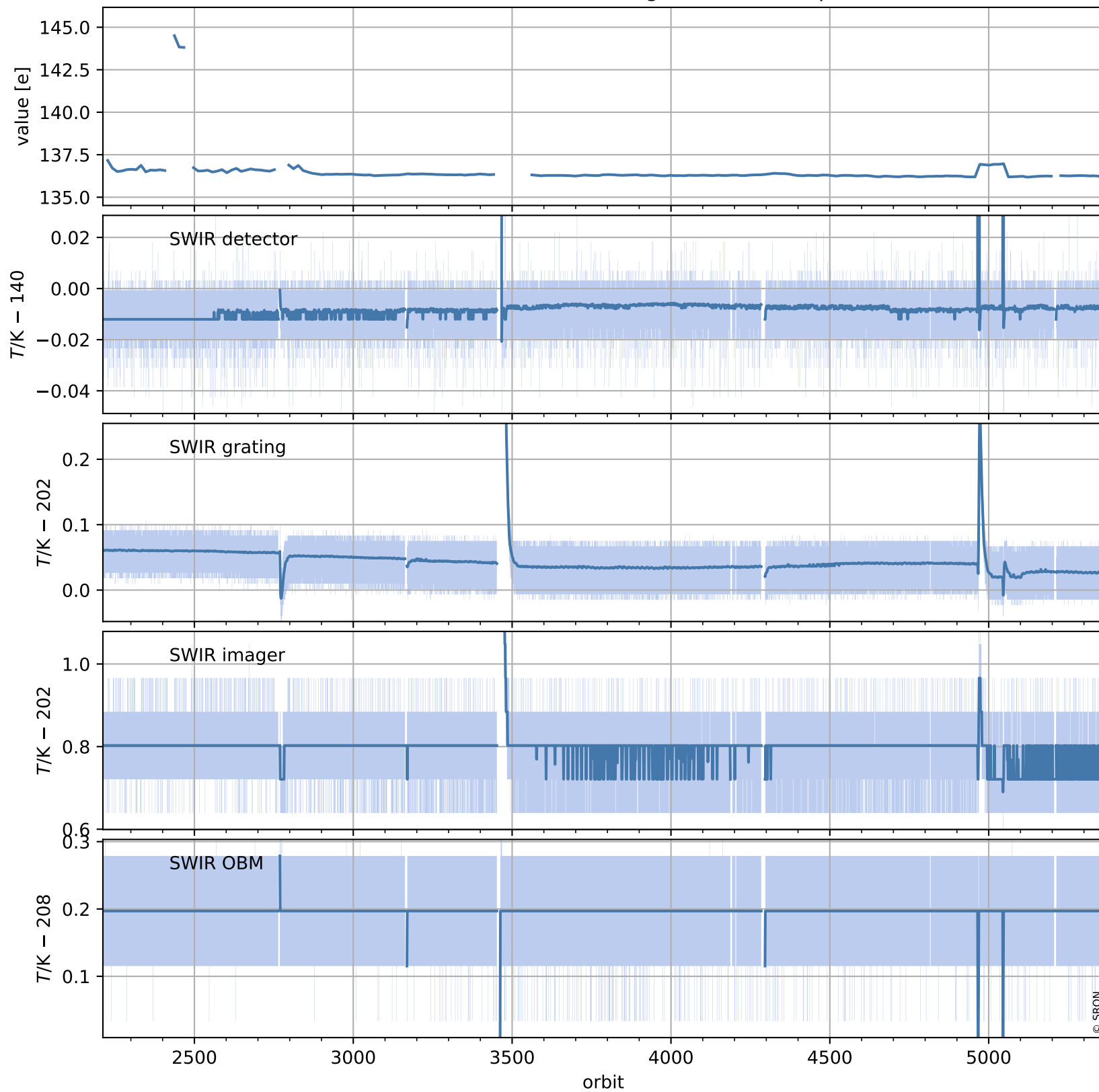
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5362]  
coverage : 2018-03-18 / 2018-10-26  
created : 2023-08-21T14:34:46

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5362]  
coverage : 2018-03-18 / 2018-10-26  
created : 2023-08-21T14:34:46

## trend of normalized read-noise & temperatures

