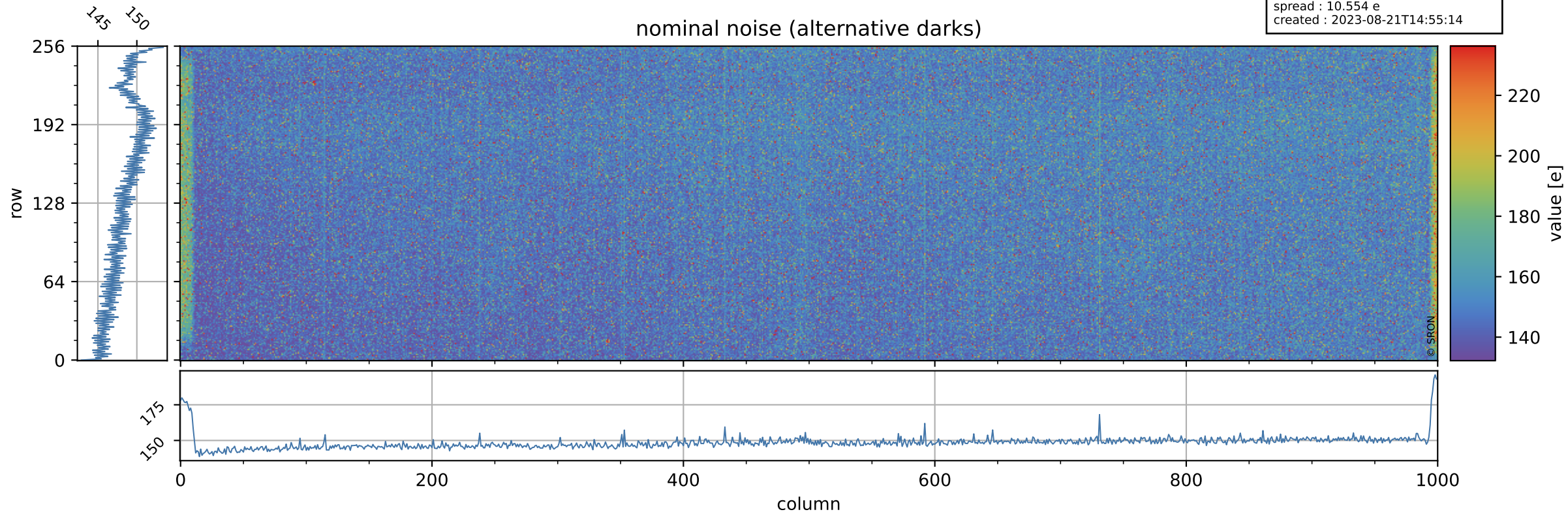


# Tropomi SWIR background noise (swir)

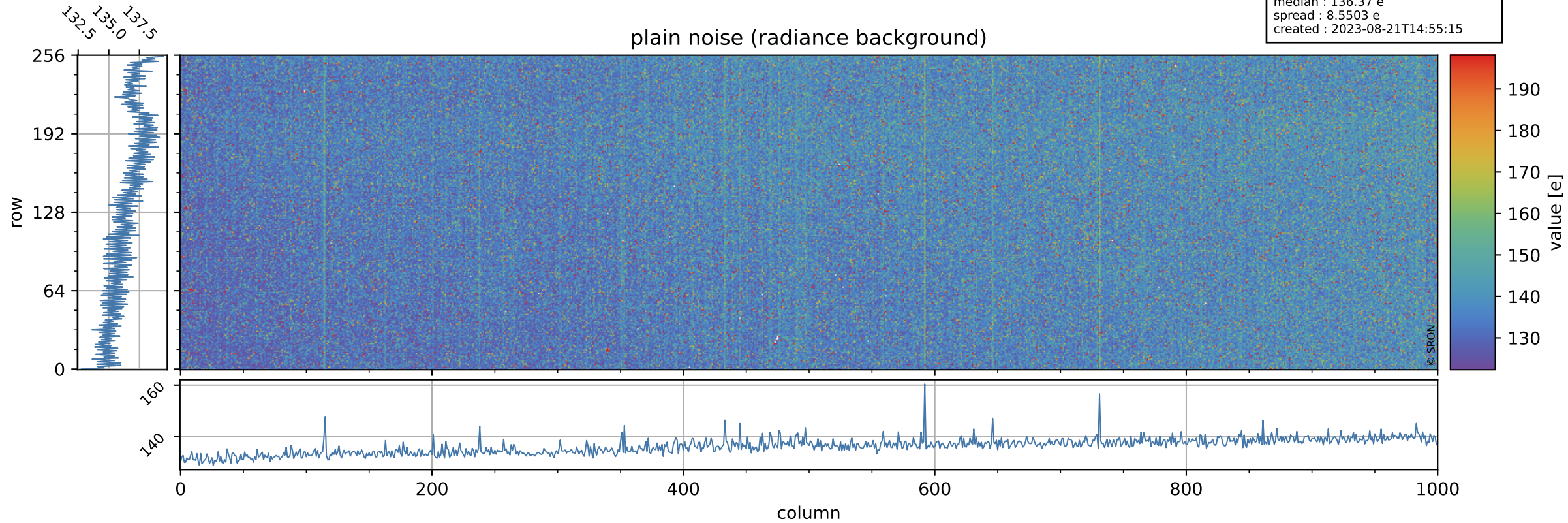
orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.32 e  
spread : 10.554 e  
created : 2023-08-21T14:55:14



# Tropomi SWIR background noise (swir)

orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.37 e  
spread : 8.5503 e  
created : 2023-08-21T14:55:15

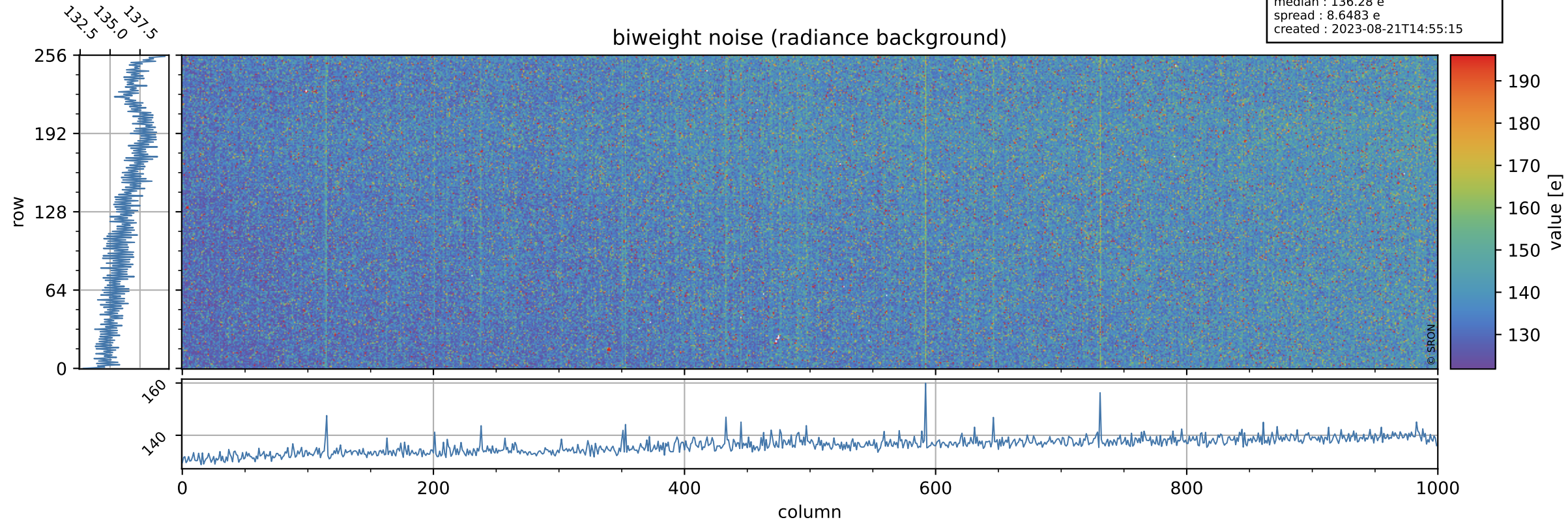
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.28 e  
spread : 8.6483 e  
created : 2023-08-21T14:55:15

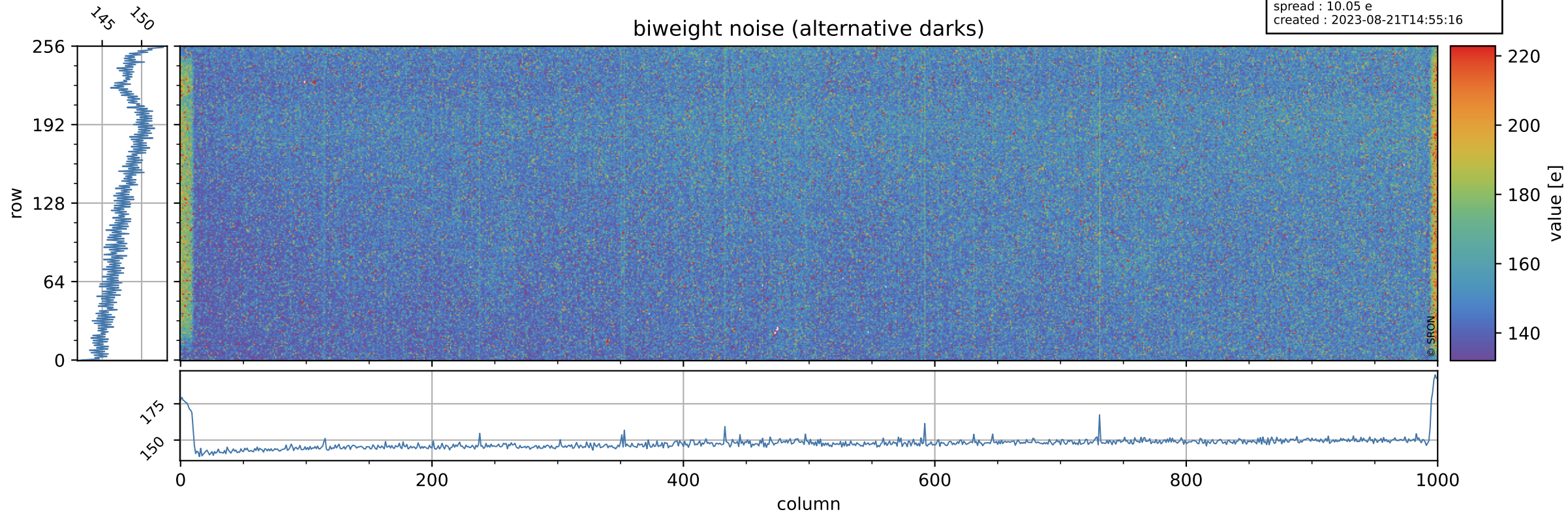
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 10.05 e  
created : 2023-08-21T14:55:16

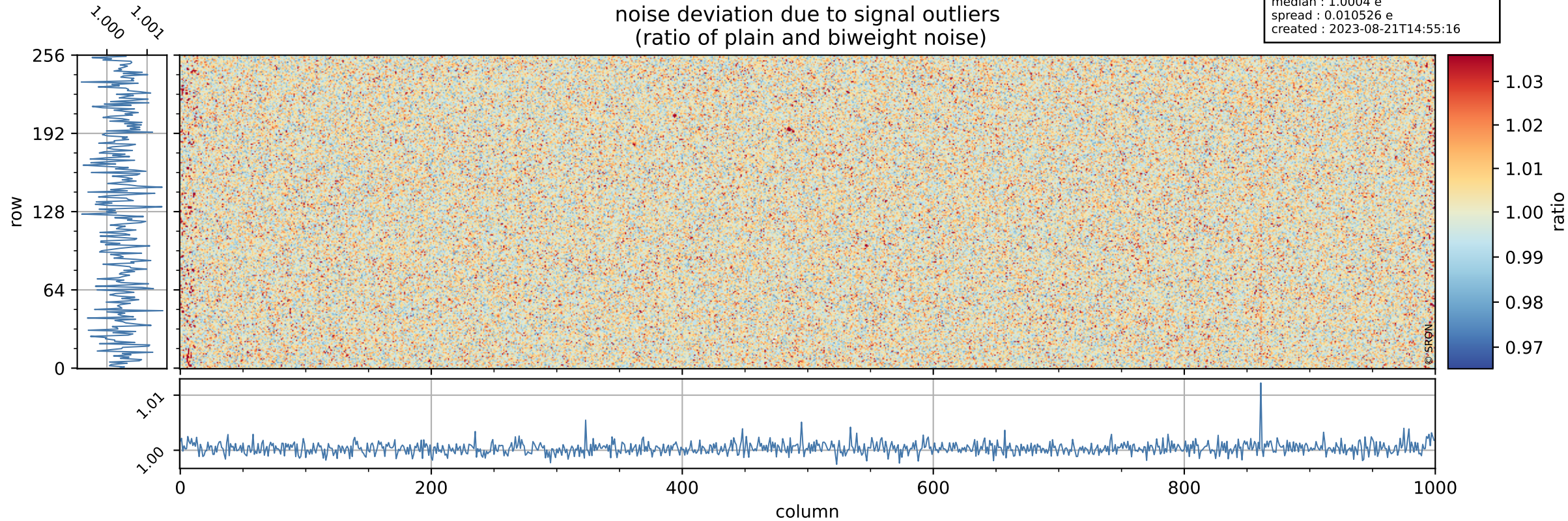
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

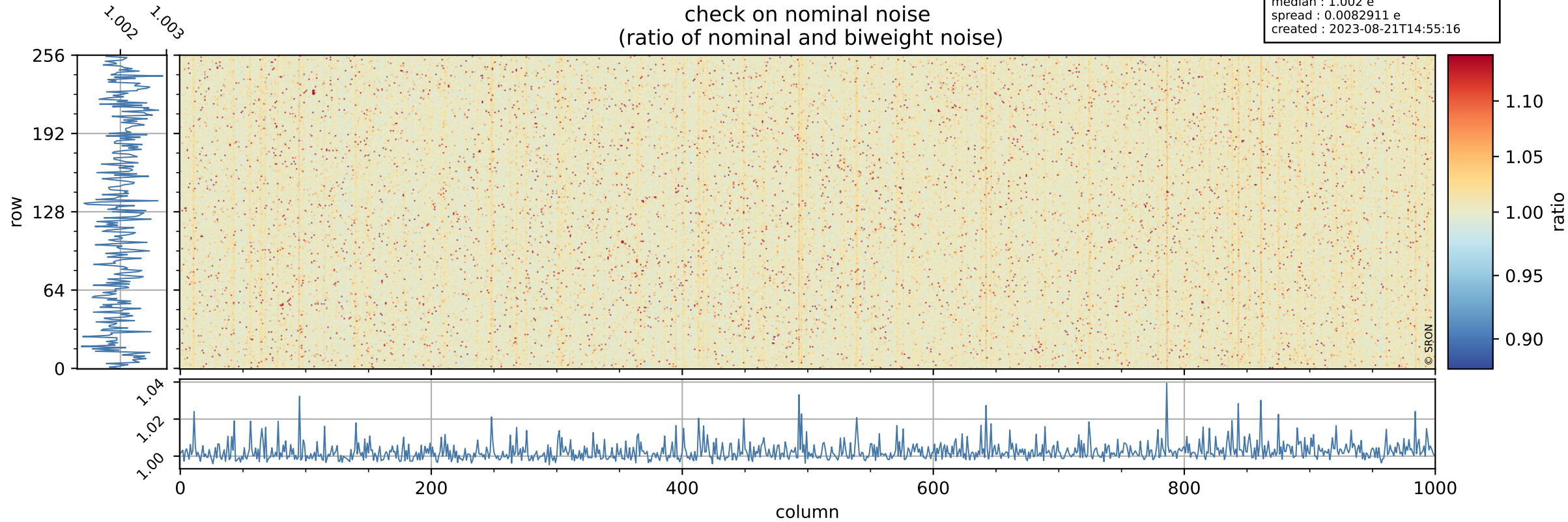
orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
median : 1.0004 e  
spread : 0.010526 e  
created : 2023-08-21T14:55:16



# Tropomi SWIR background noise (swir)

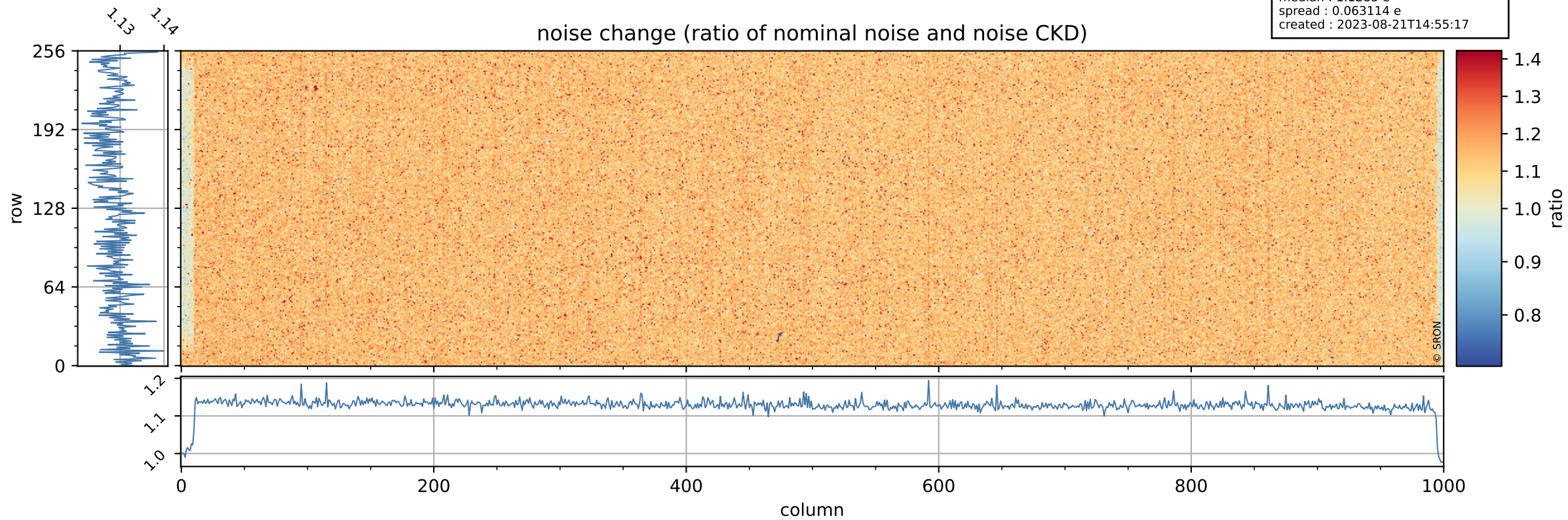
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
median : 1.002 e  
spread : 0.0082911 e  
created : 2023-08-21T14:55:16



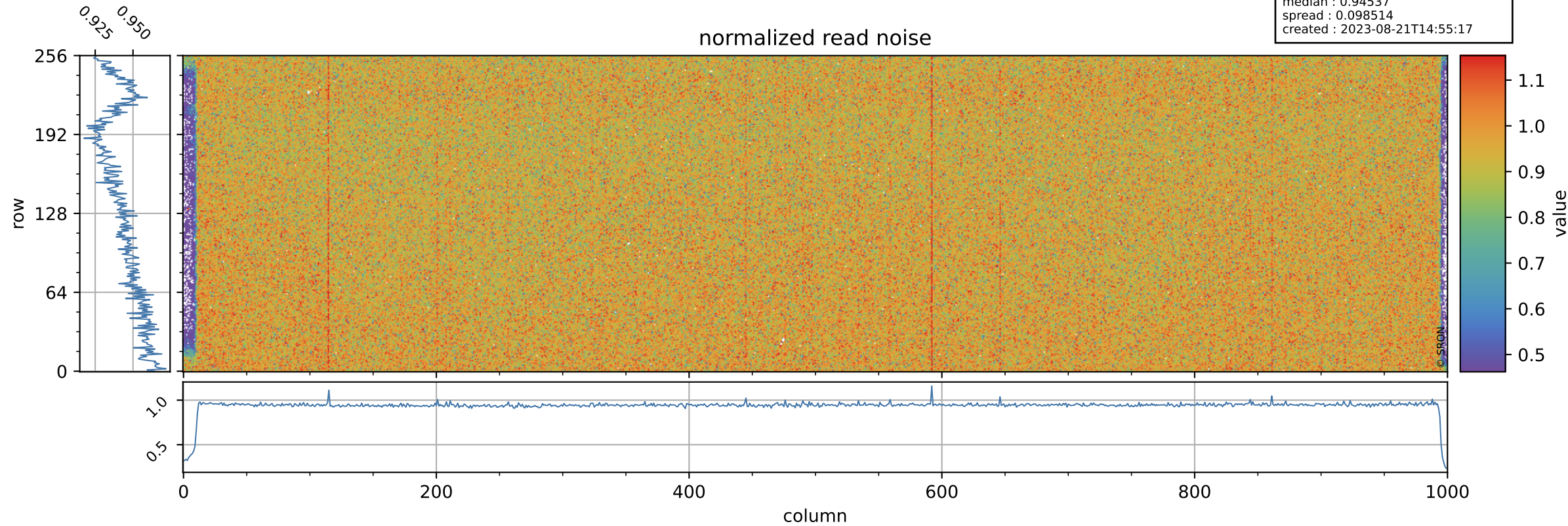
# Tropomi SWIR background noise (swir)

orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
median : 1.1283 e  
spread : 0.063114 e  
created : 2023-08-21T14:55:17



# Tropomi SWIR background noise (swir)

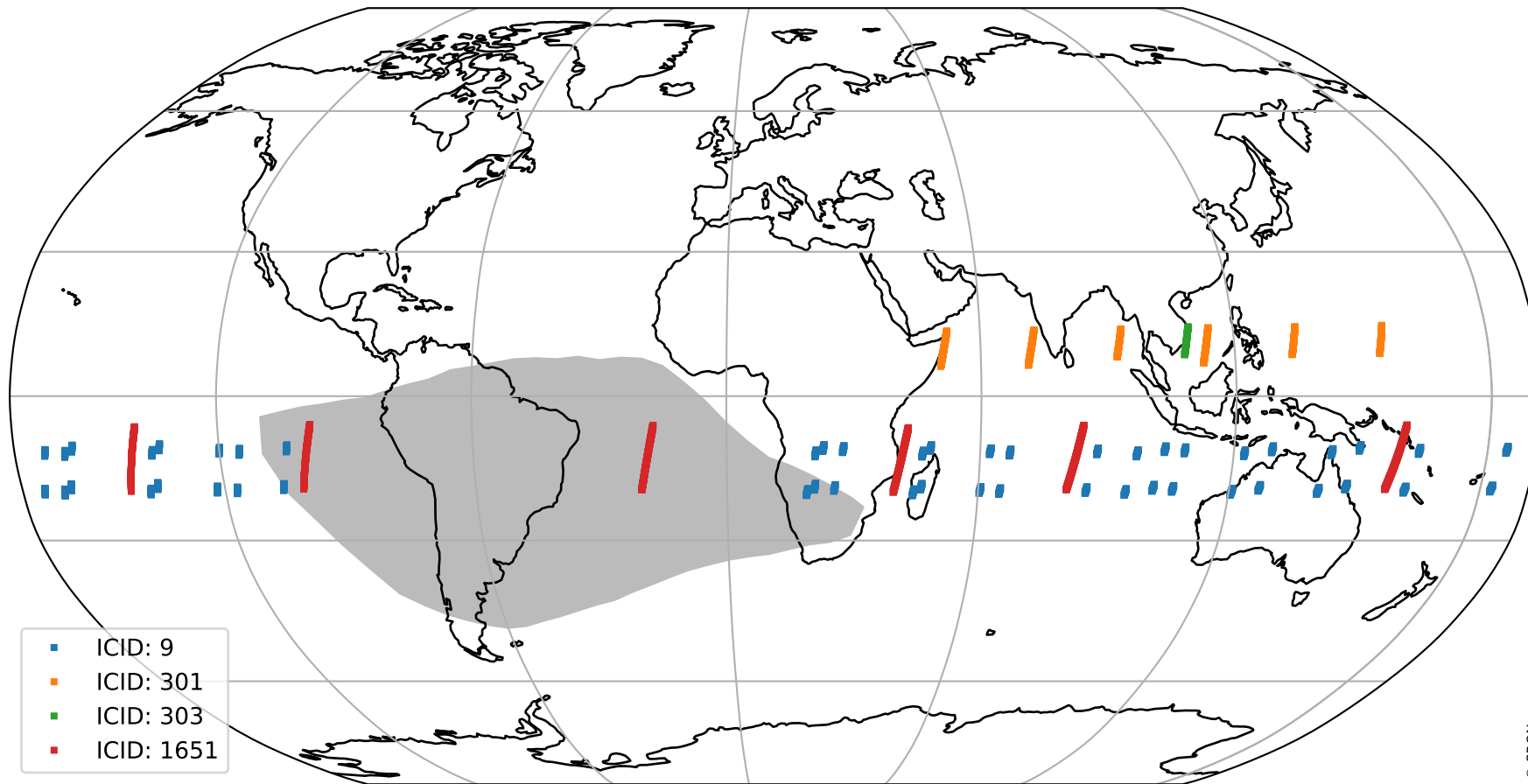
orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
median : 0.94537  
spread : 0.098514  
created : 2023-08-21T14:55:17





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

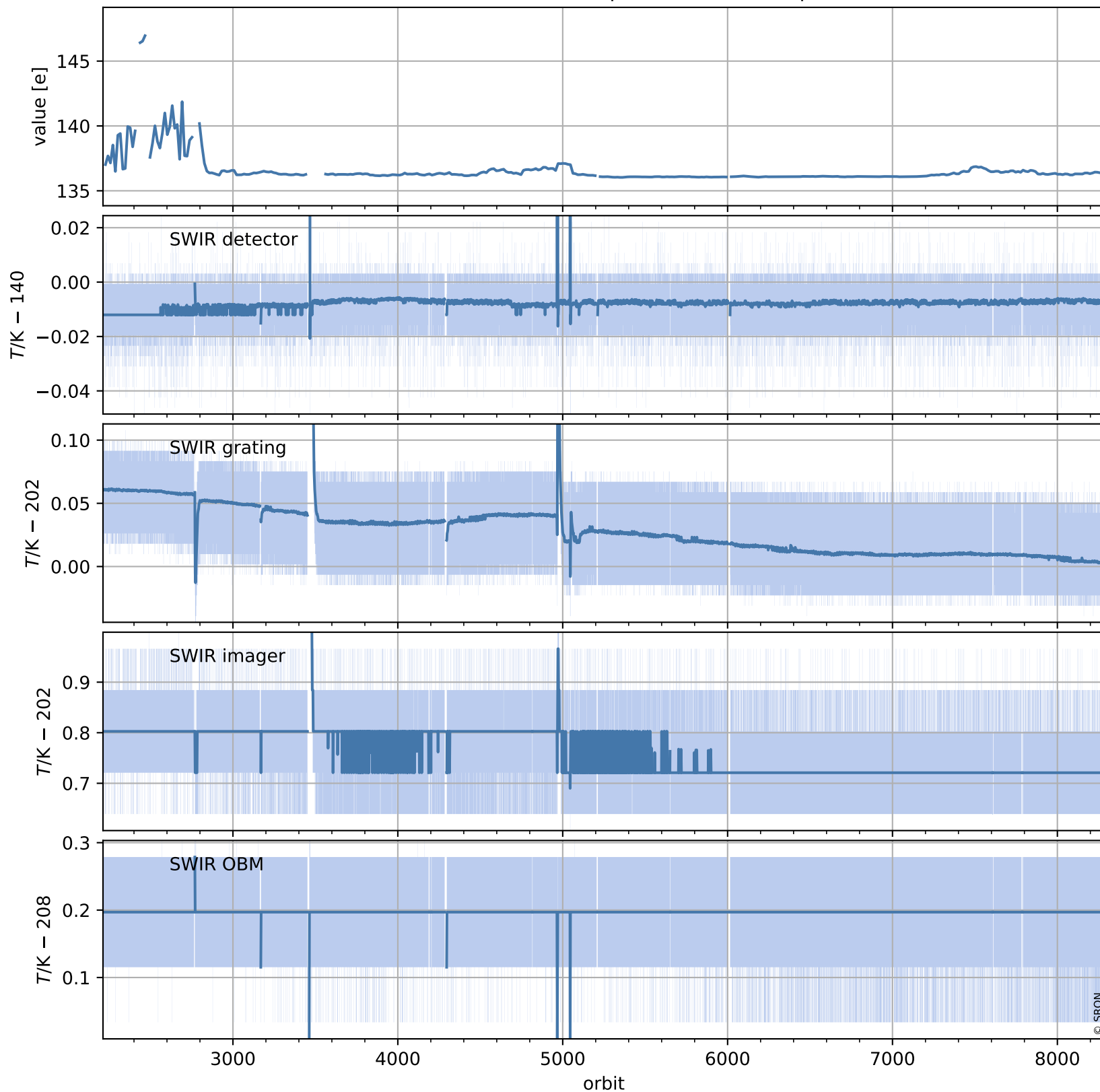
orbits : 13 in [8212, 8287]  
coverage : 2019-05-14 / 2019-05-19  
created : 2023-08-21T14:55:17



# Tropomi SWIR background noise (swir)

orbits : [2212, 8287]  
coverage : 2018-03-18 / 2019-05-19  
created : 2023-08-21T14:55:18

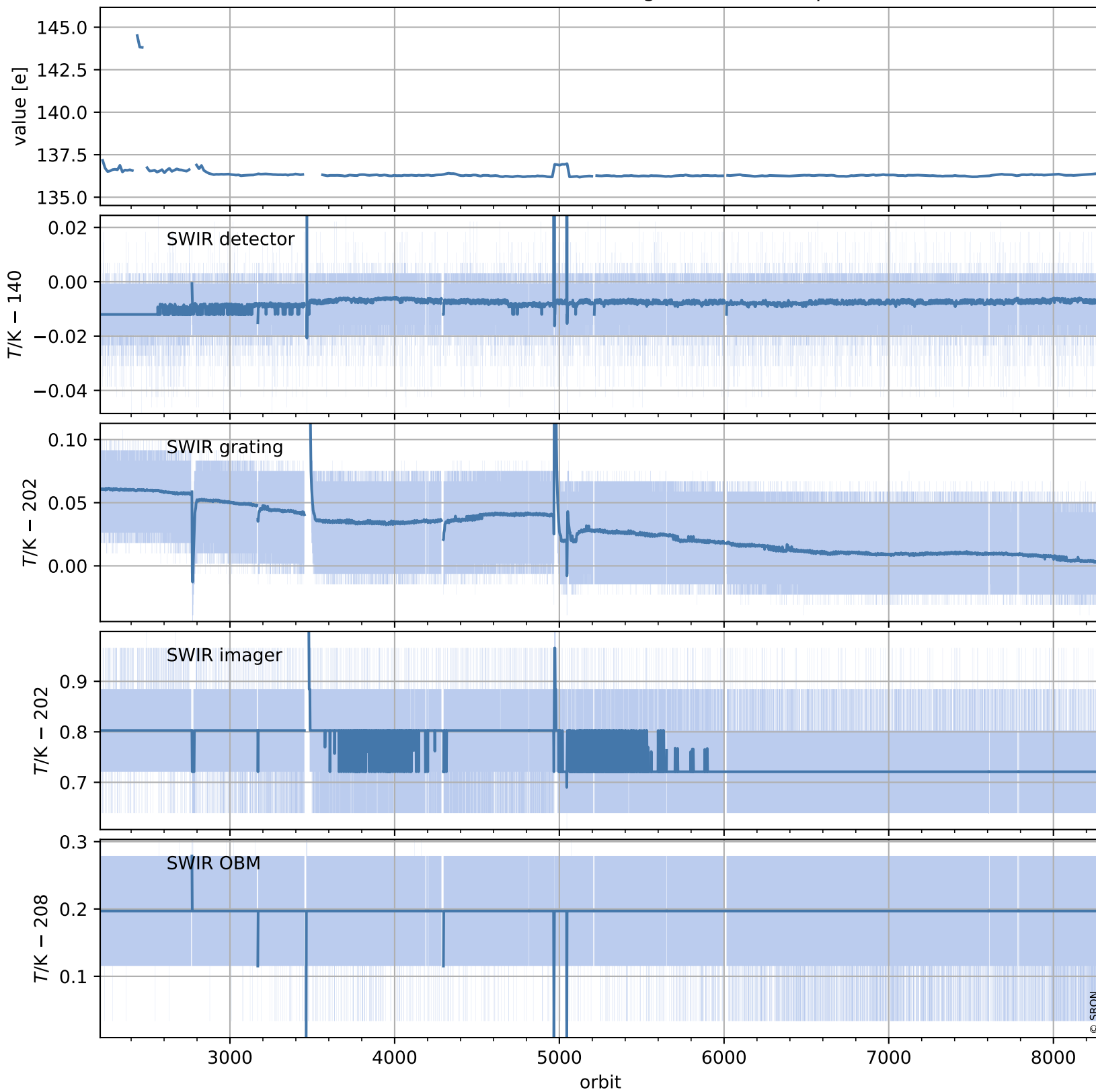
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8287]  
coverage : 2018-03-18 / 2019-05-19  
created : 2023-08-21T14:55:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8287]  
coverage : 2018-03-18 / 2019-05-19  
created : 2023-08-21T14:55:20

## trend of normalized read-noise & temperatures

