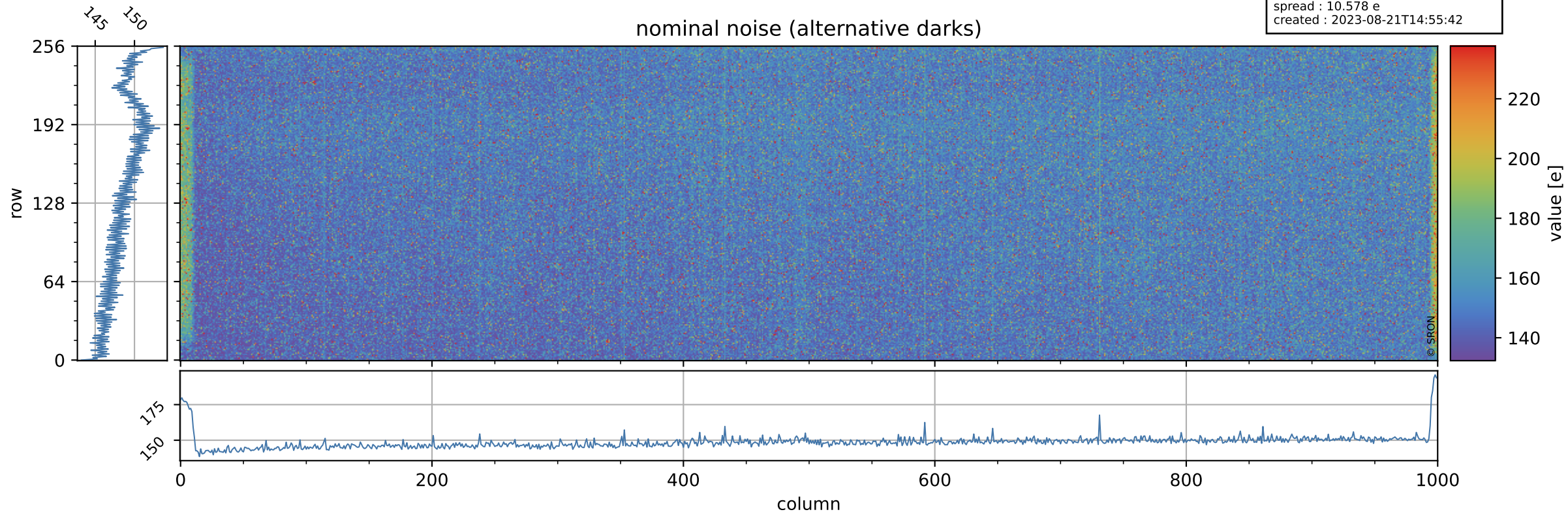


# Tropomi SWIR background noise (swir)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.578 e  
created : 2023-08-21T14:55:42

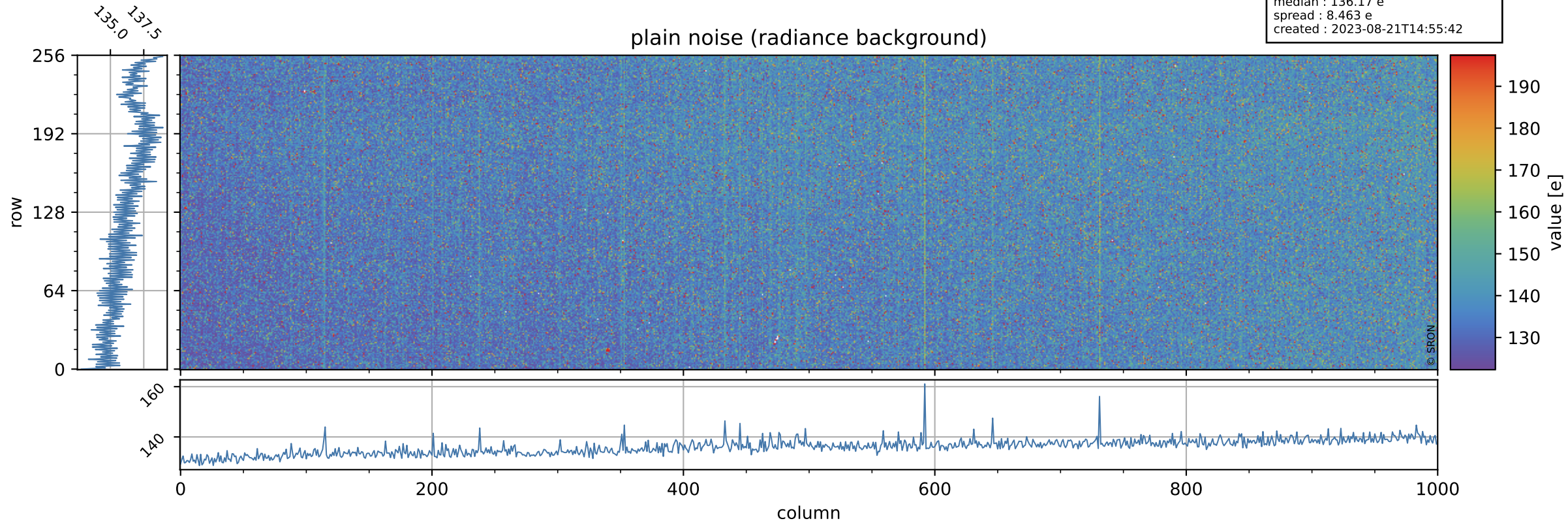
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.463 e  
created : 2023-08-21T14:55:42

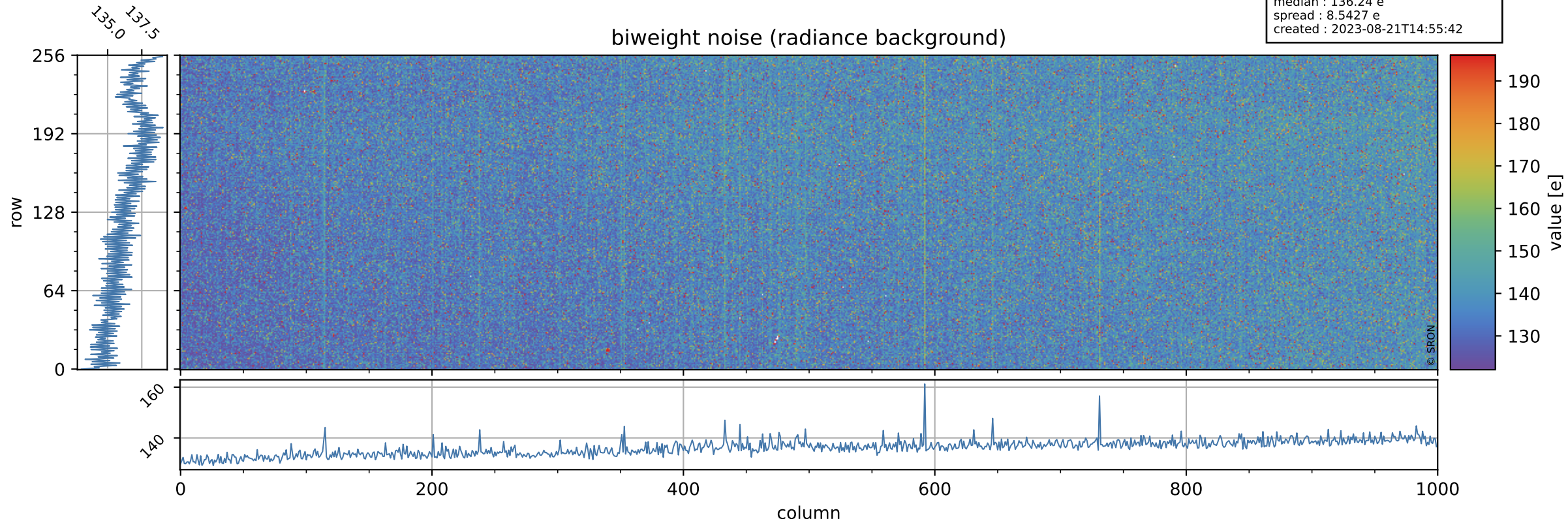
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.5427 e  
created : 2023-08-21T14:55:42

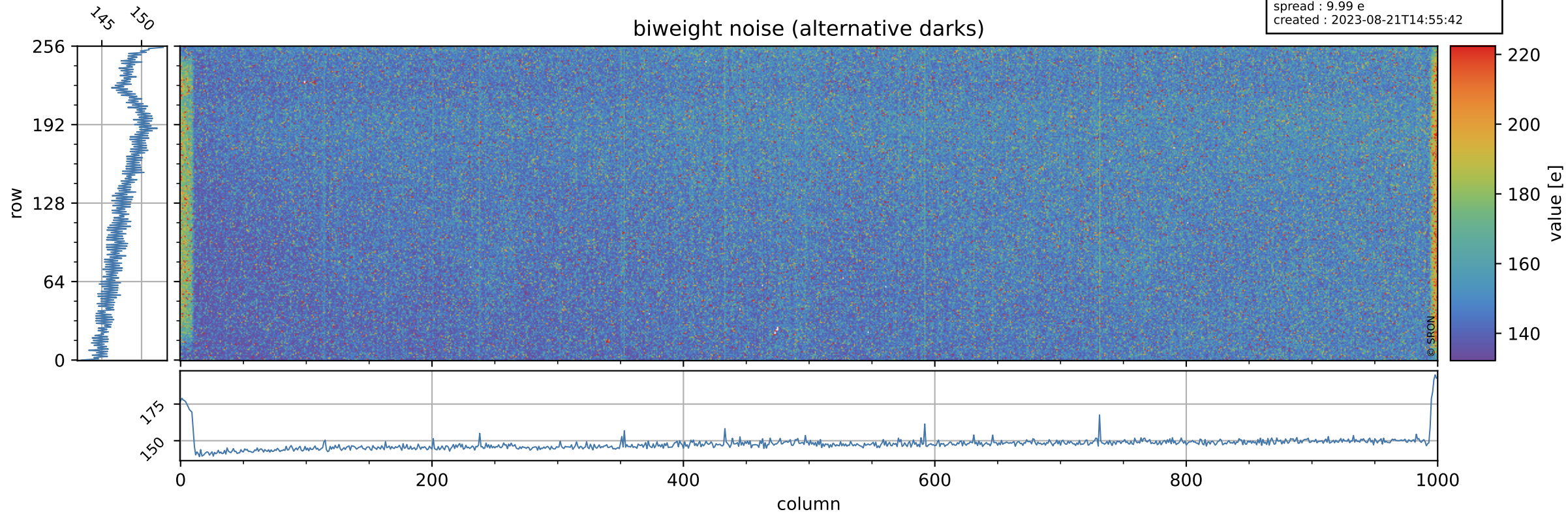
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 9.99 e  
created : 2023-08-21T14:55:42

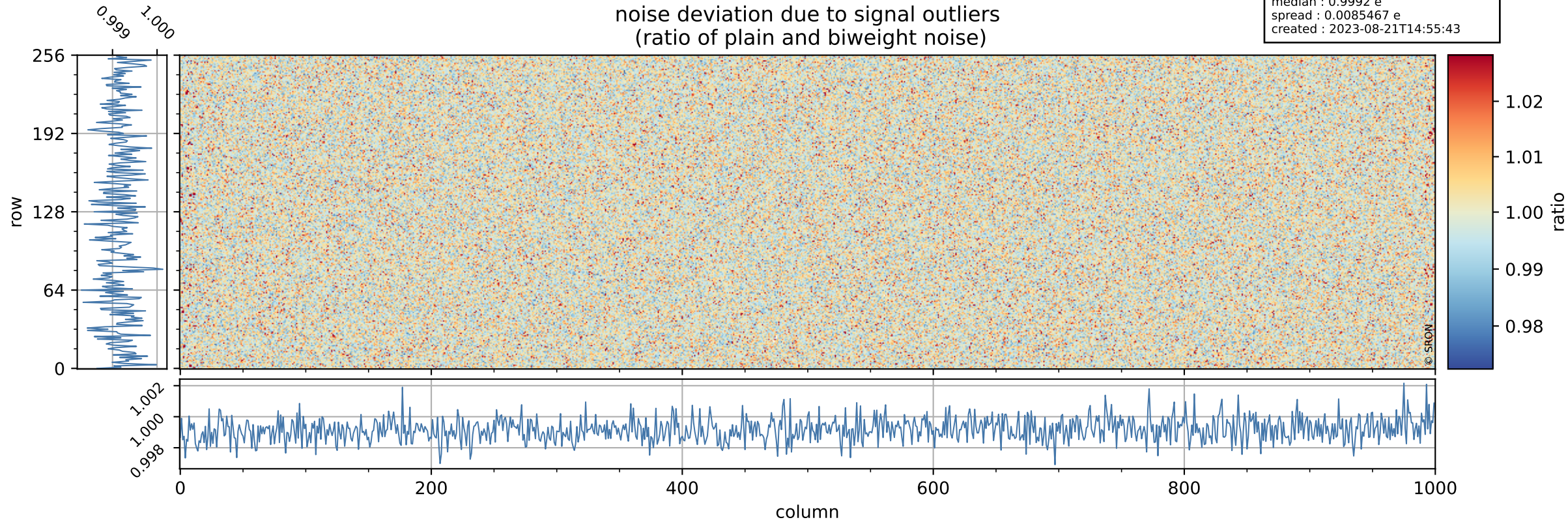
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

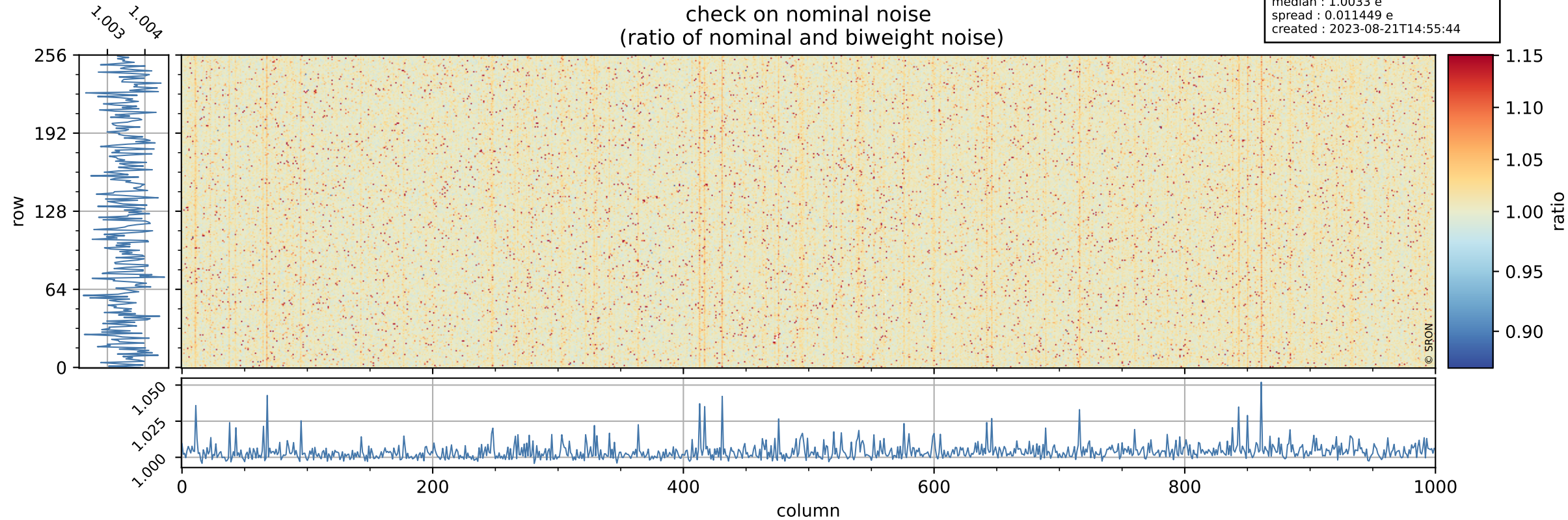
orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
median : 0.9992 e  
spread : 0.0085467 e  
created : 2023-08-21T14:55:43



# Tropomi SWIR background noise (swir)

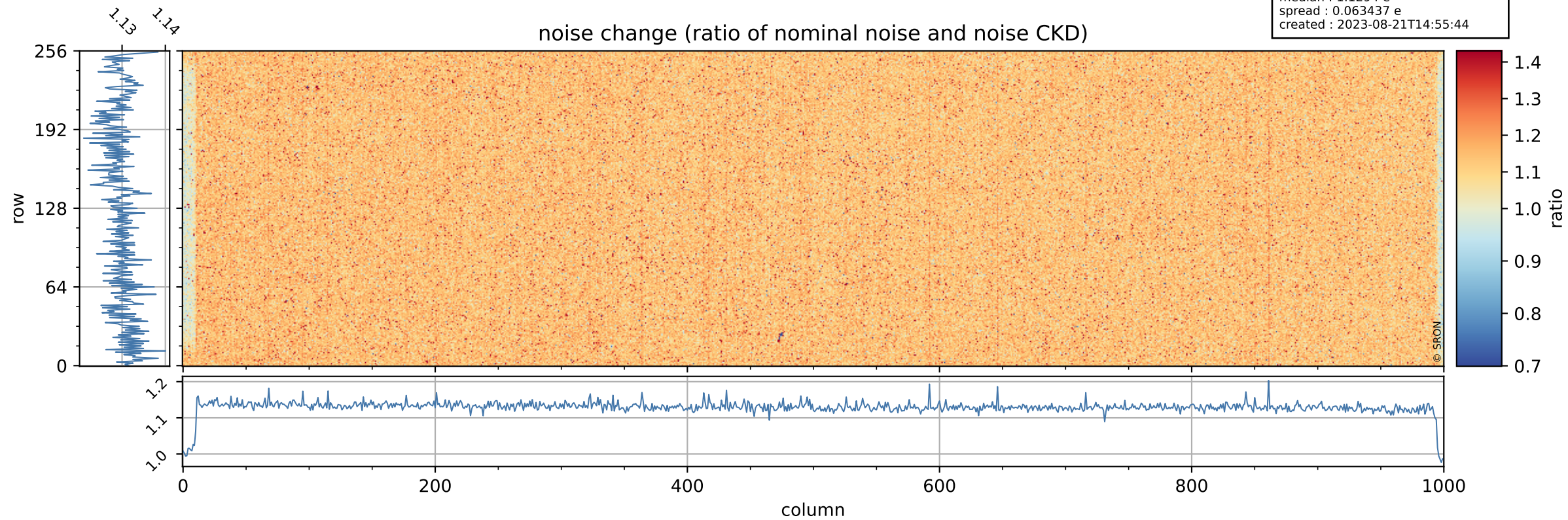
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
median : 1.0033 e  
spread : 0.011449 e  
created : 2023-08-21T14:55:44



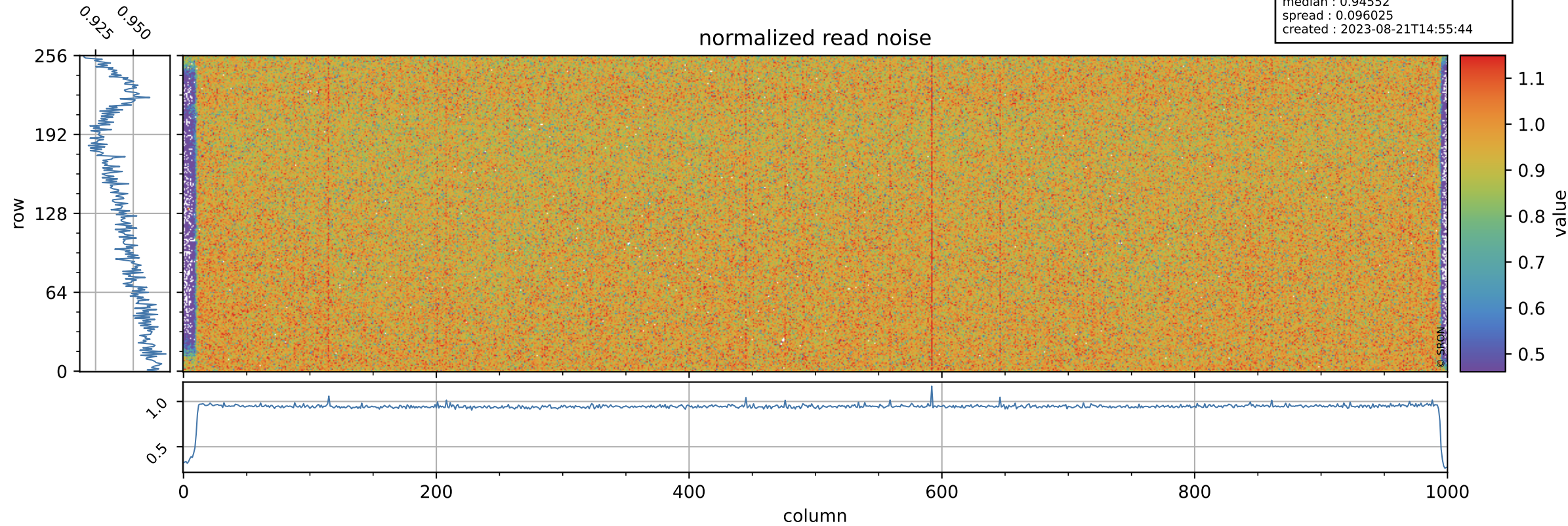
# Tropomi SWIR background noise (swir)

orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
median : 1.1294 e  
spread : 0.063437 e  
created : 2023-08-21T14:55:44



# Tropomi SWIR background noise (swir)

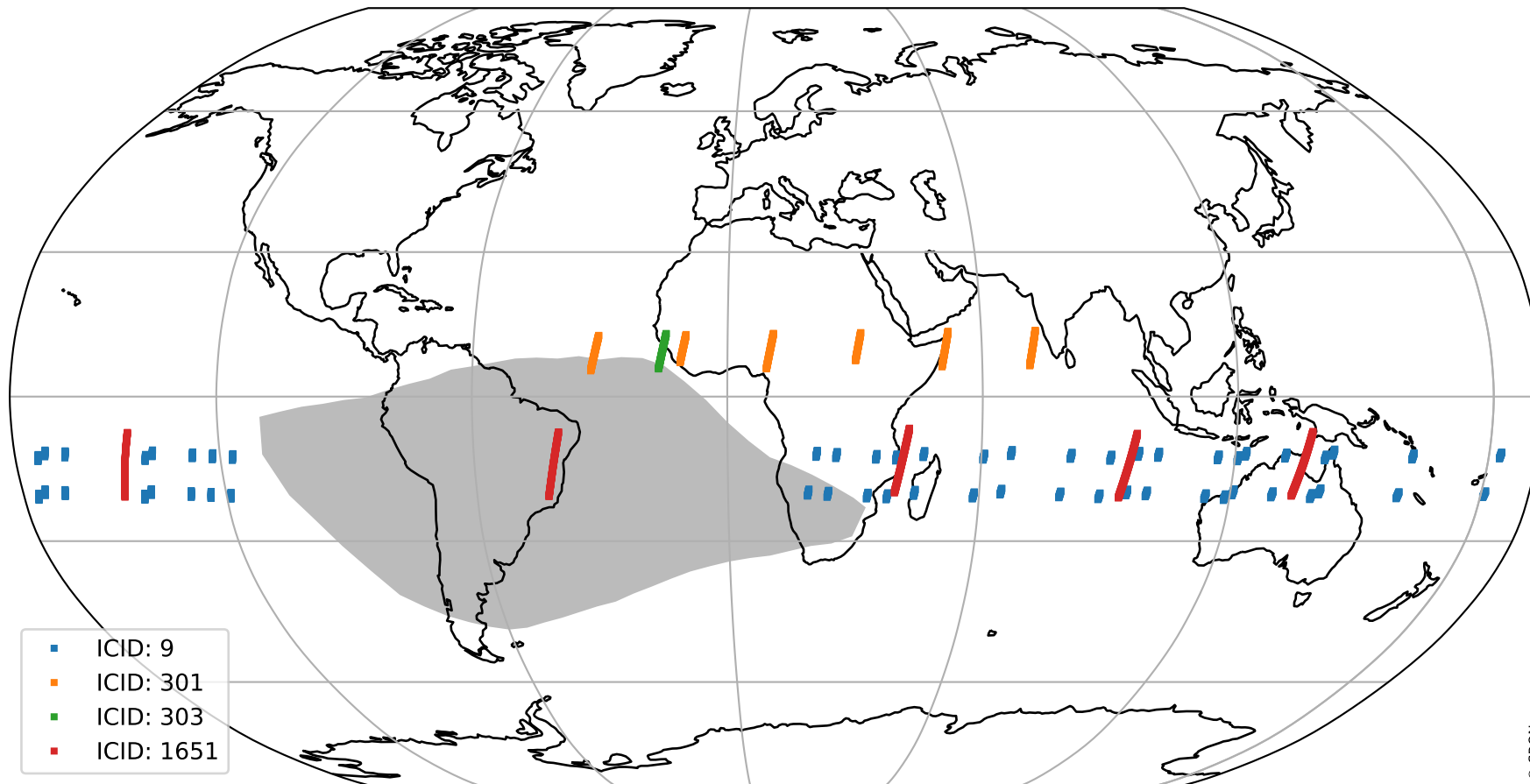
orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
median : 0.94552  
spread : 0.096025  
created : 2023-08-21T14:55:44





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

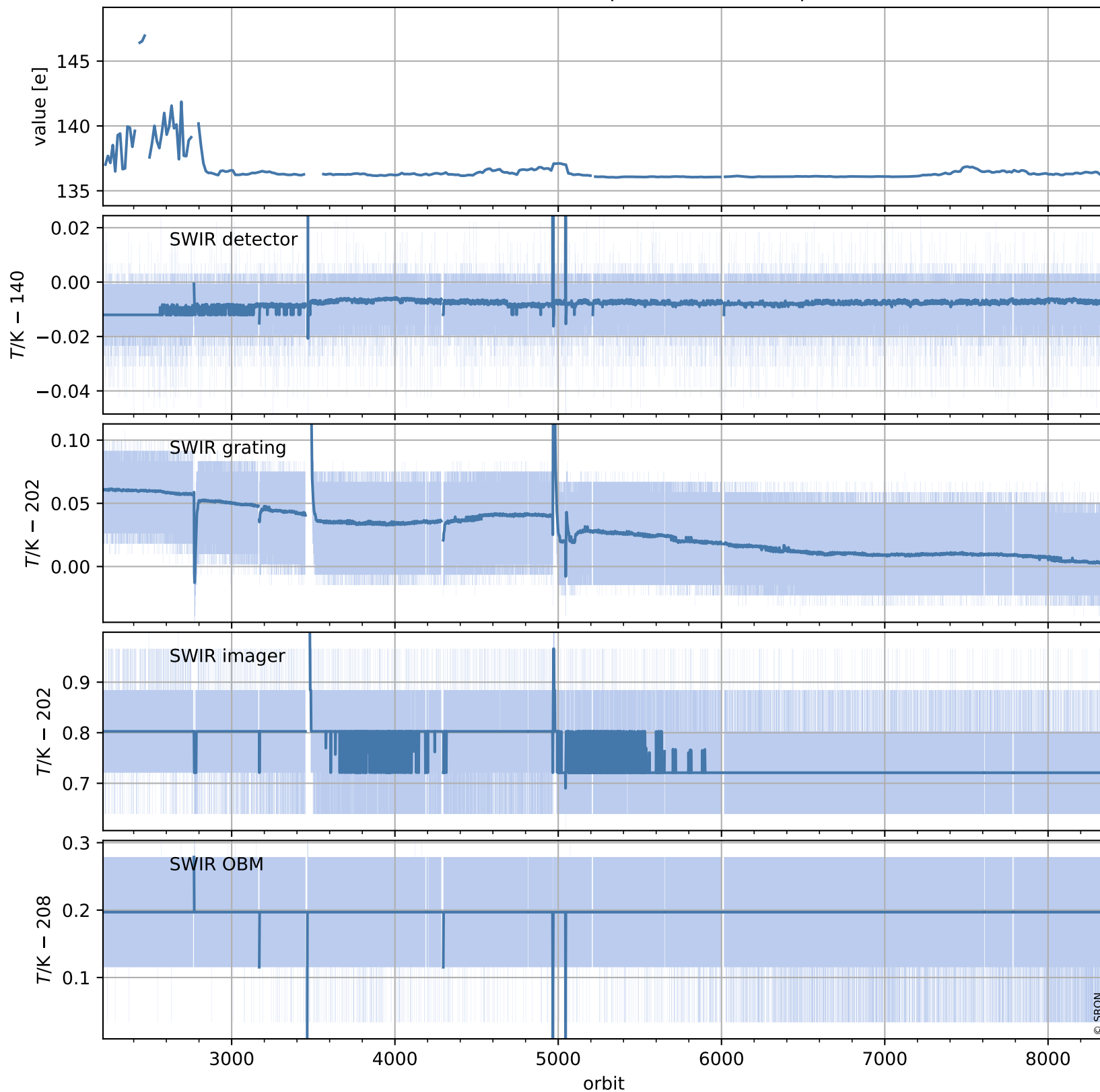
orbits : 12 in [8257, 8347]  
coverage : 2019-05-18 / 2019-05-24  
created : 2023-08-21T14:55:45



# Tropomi SWIR background noise (swir)

orbits : [2212, 8347]  
coverage : 2018-03-18 / 2019-05-24  
created : 2023-08-21T14:55:45

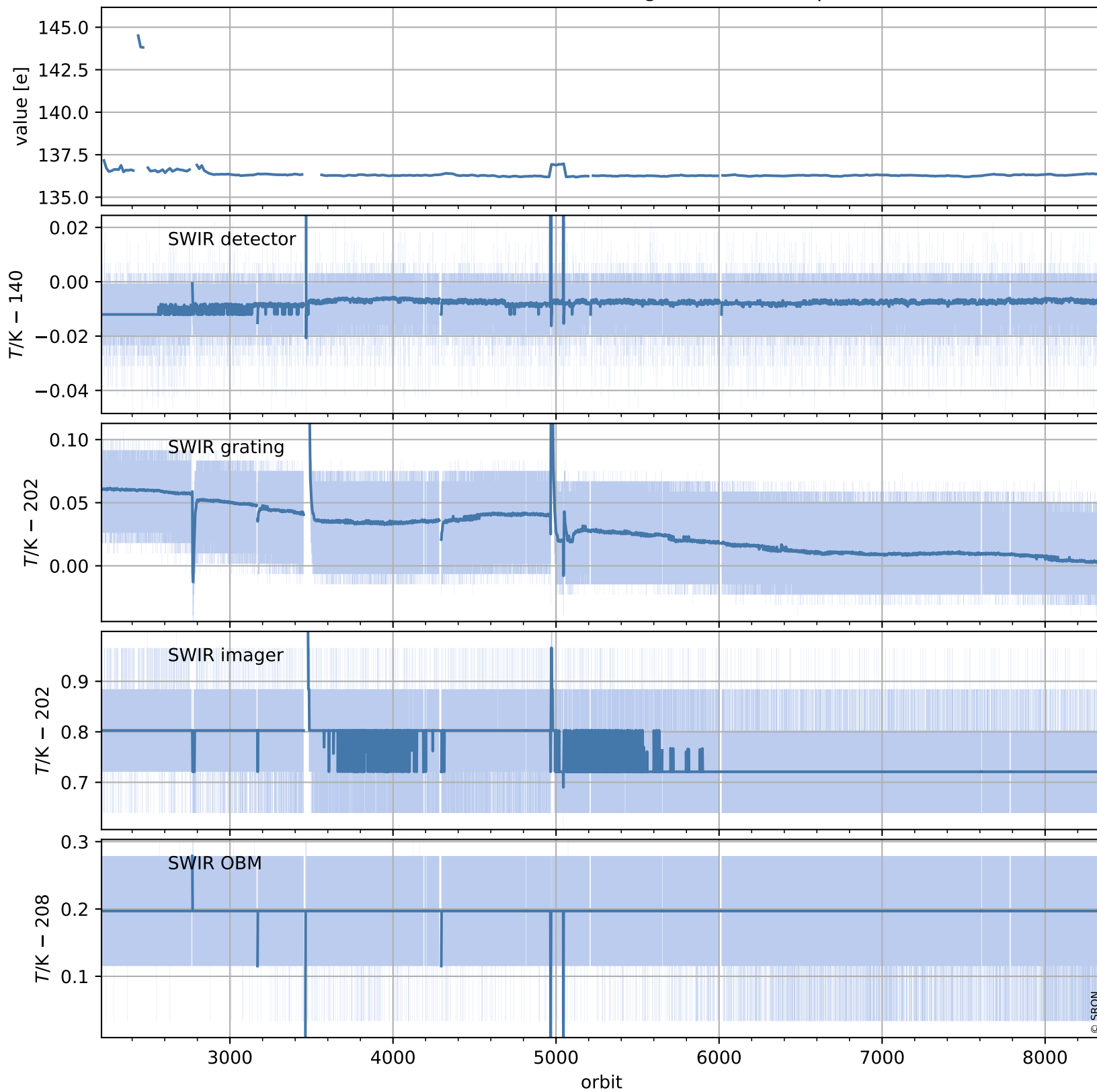
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8347]  
coverage : 2018-03-18 / 2019-05-24  
created : 2023-08-21T14:55:46

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8347]  
coverage : 2018-03-18 / 2019-05-24  
created : 2023-08-21T14:55:47

## trend of normalized read-noise & temperatures

