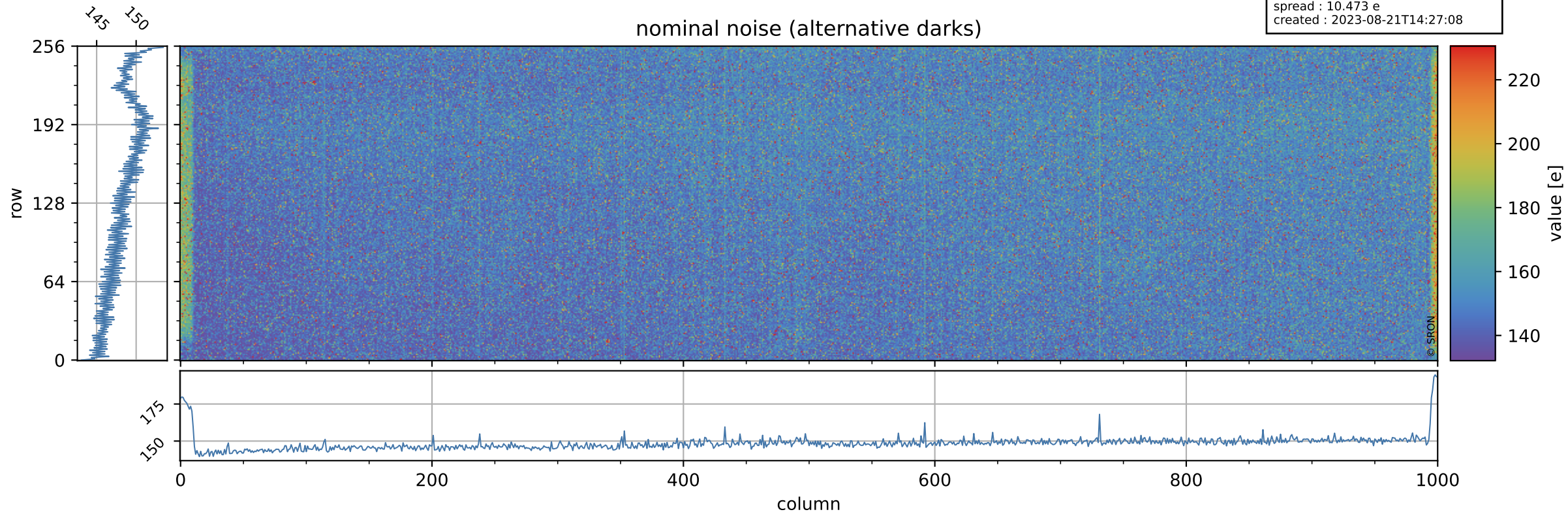


Tropomi SWIR background noise (swir)

orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.473 e
created : 2023-08-21T14:27:08

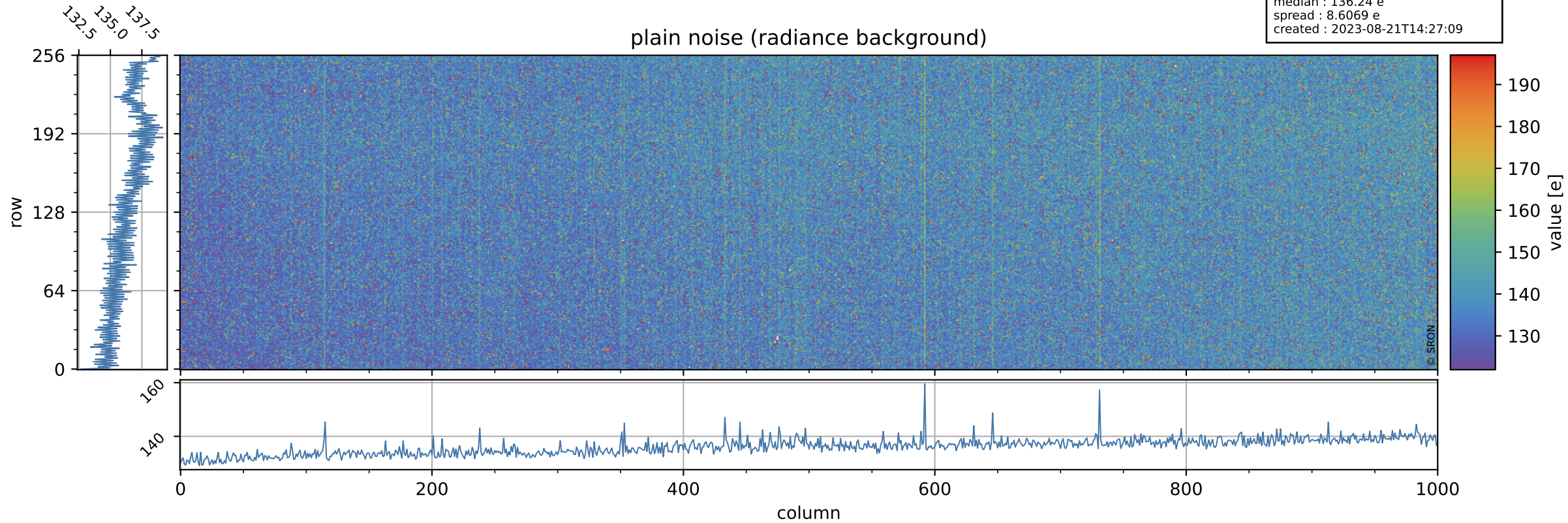
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.6069 e
created : 2023-08-21T14:27:09

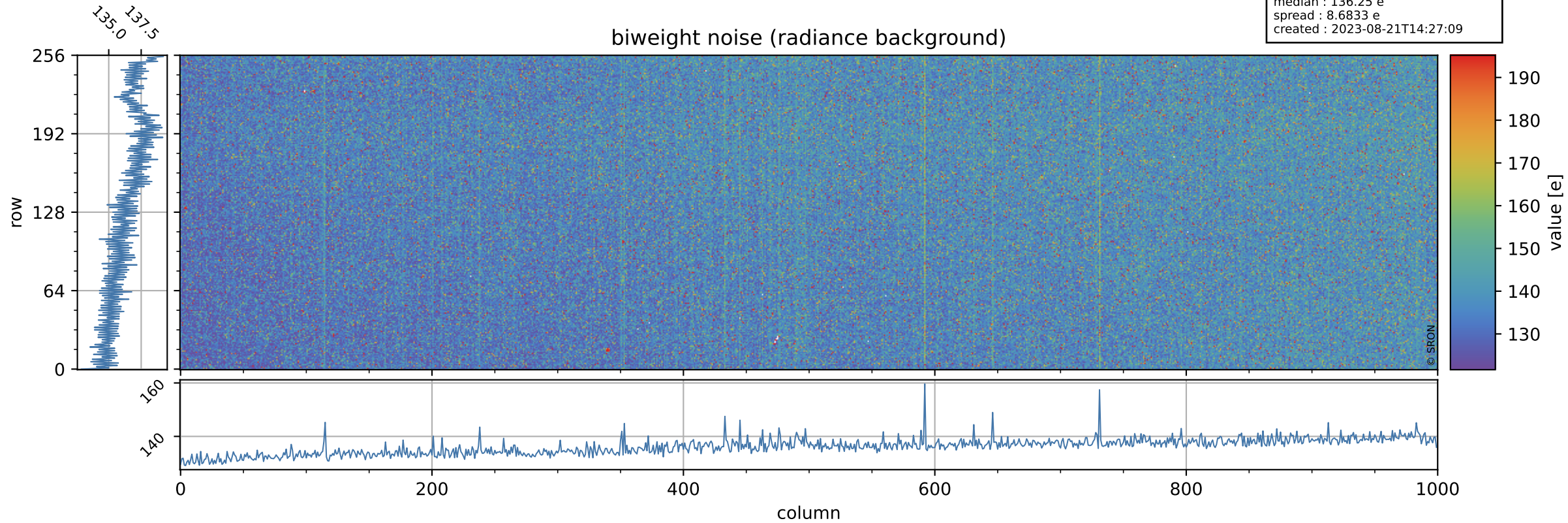
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.6833 e
created : 2023-08-21T14:27:09

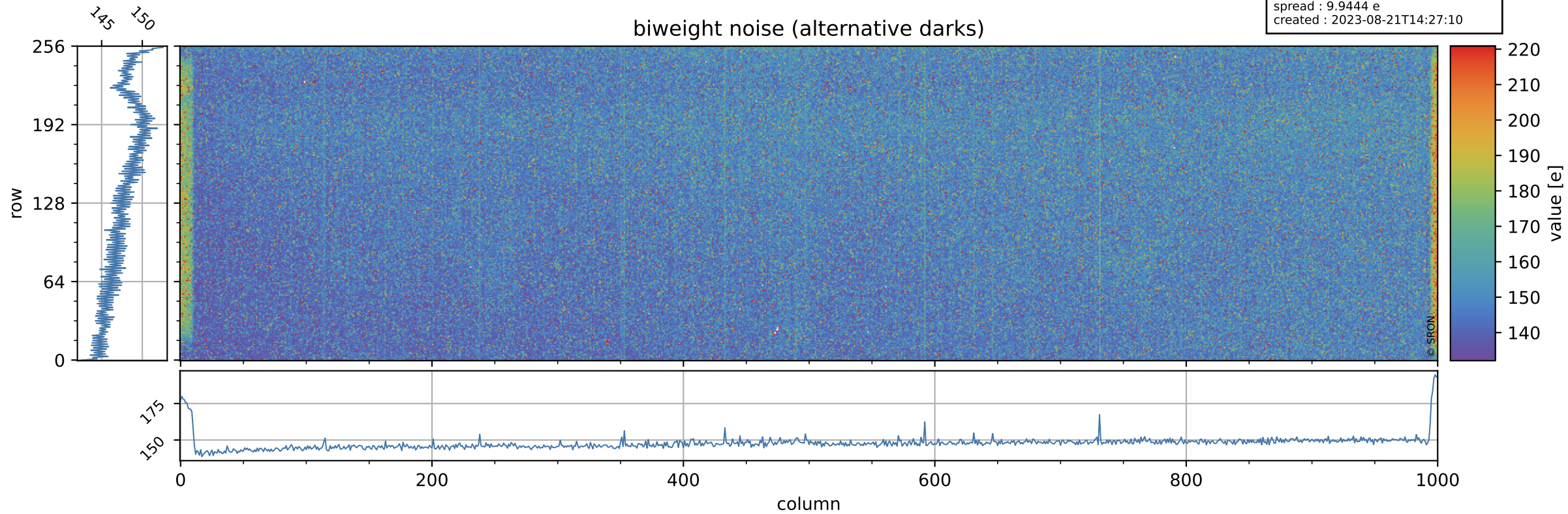
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9444 e
created : 2023-08-21T14:27:10

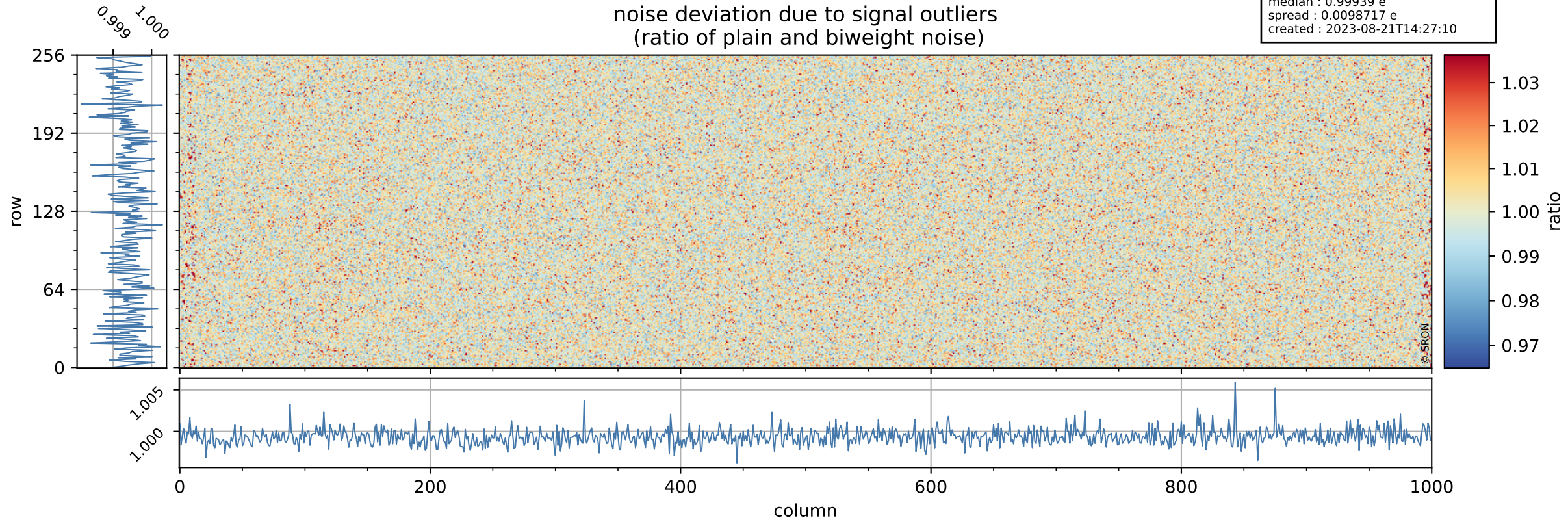
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

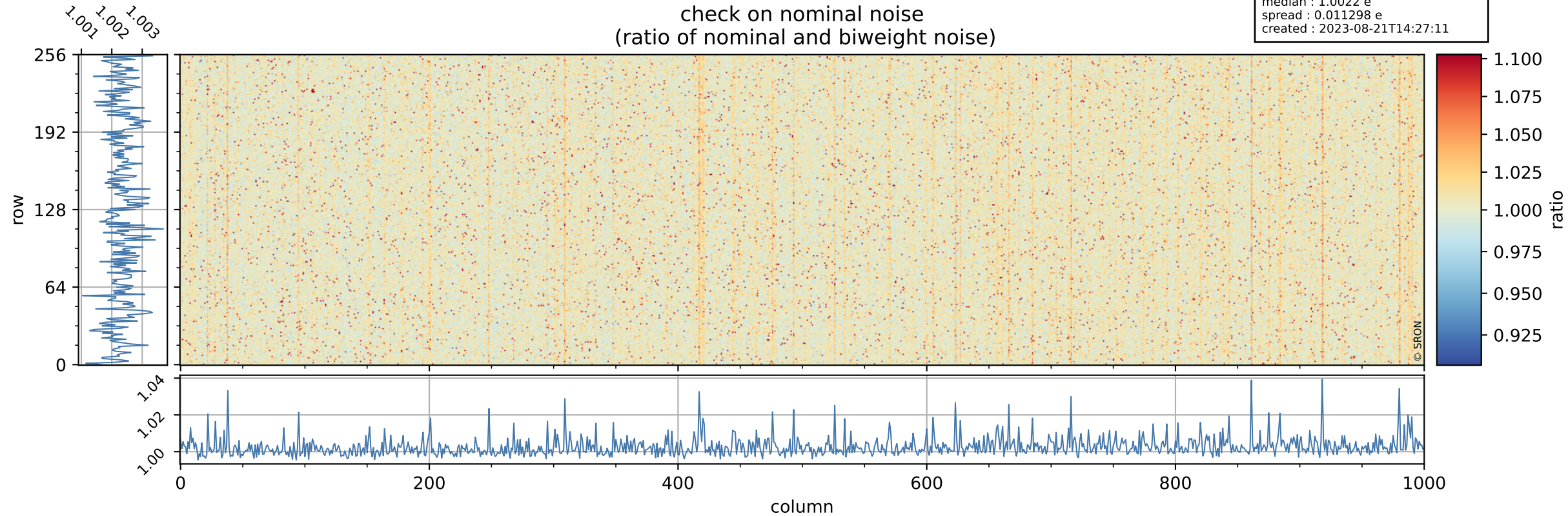
orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
median : 0.99939 e
spread : 0.0098717 e
created : 2023-08-21T14:27:10



Tropomi SWIR background noise (swir)

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

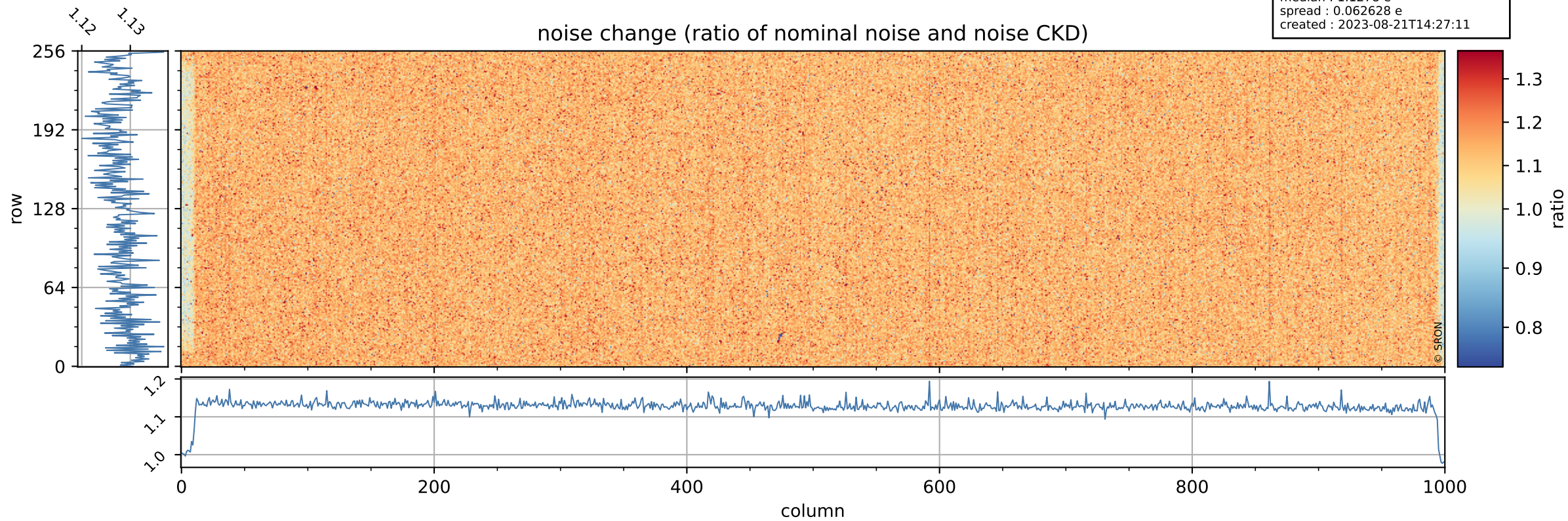
orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
median : 1.0022 e
spread : 0.011298 e
created : 2023-08-21T14:27:11



Tropomi SWIR background noise (swir)

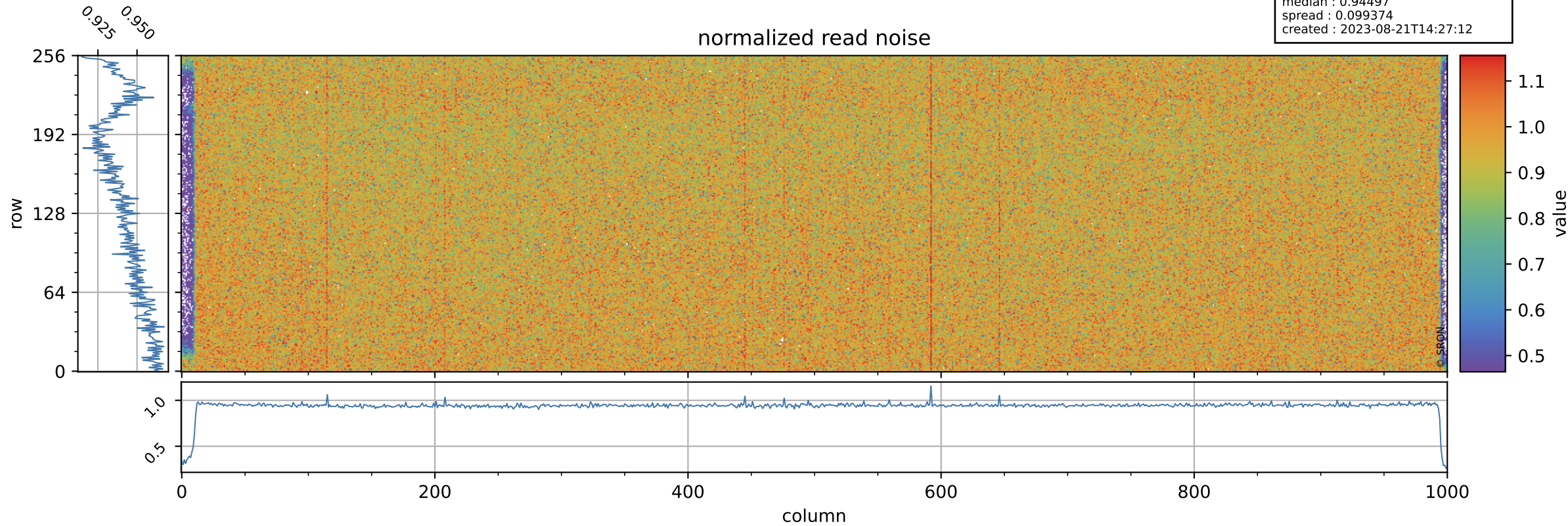
orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
median : 1.1278 e
spread : 0.062628 e
created : 2023-08-21T14:27:11

noise change (ratio of nominal noise and noise CKD)



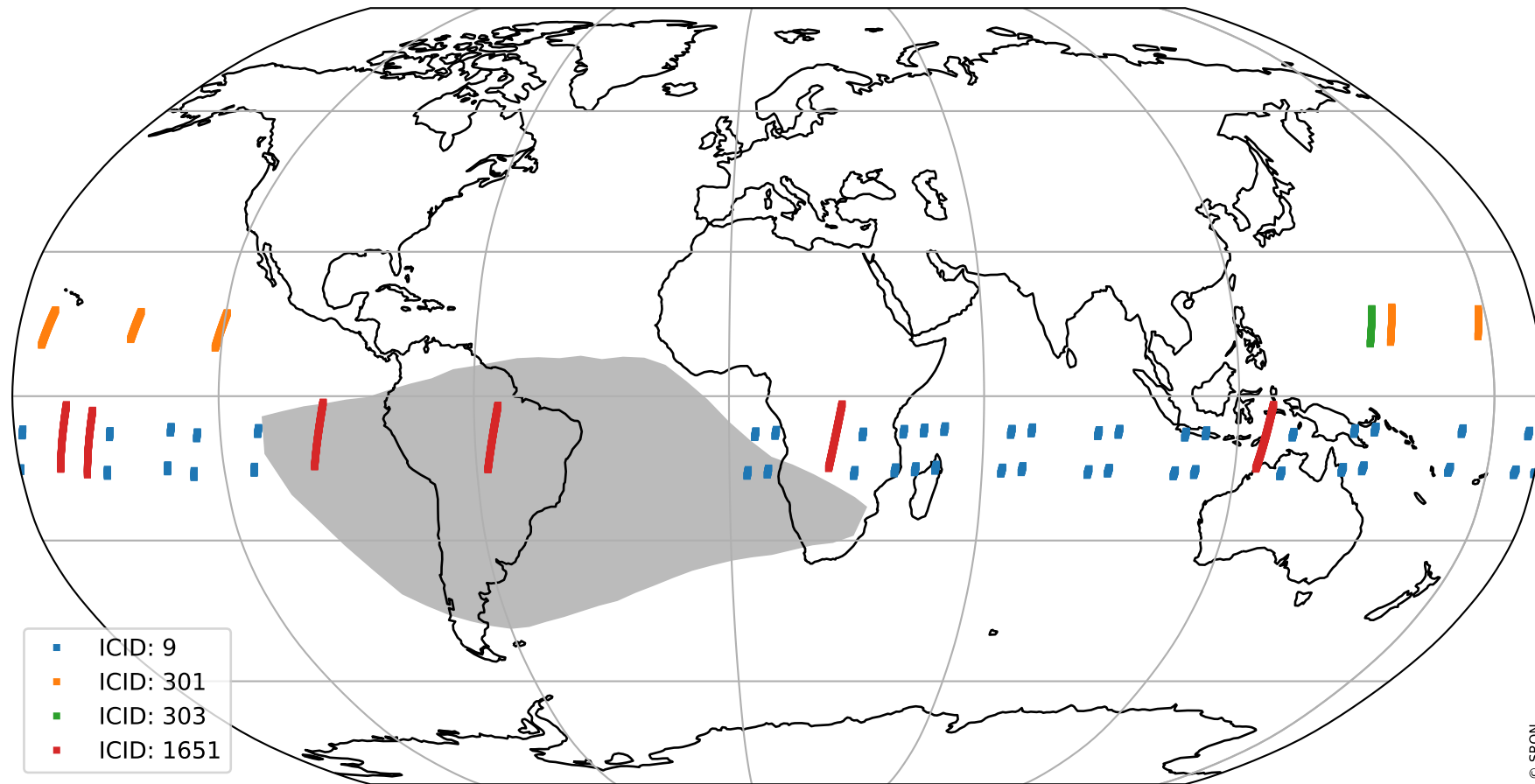
Tropomi SWIR background noise (swir)

orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
median : 0.94497
spread : 0.099374
created : 2023-08-21T14:27:12



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

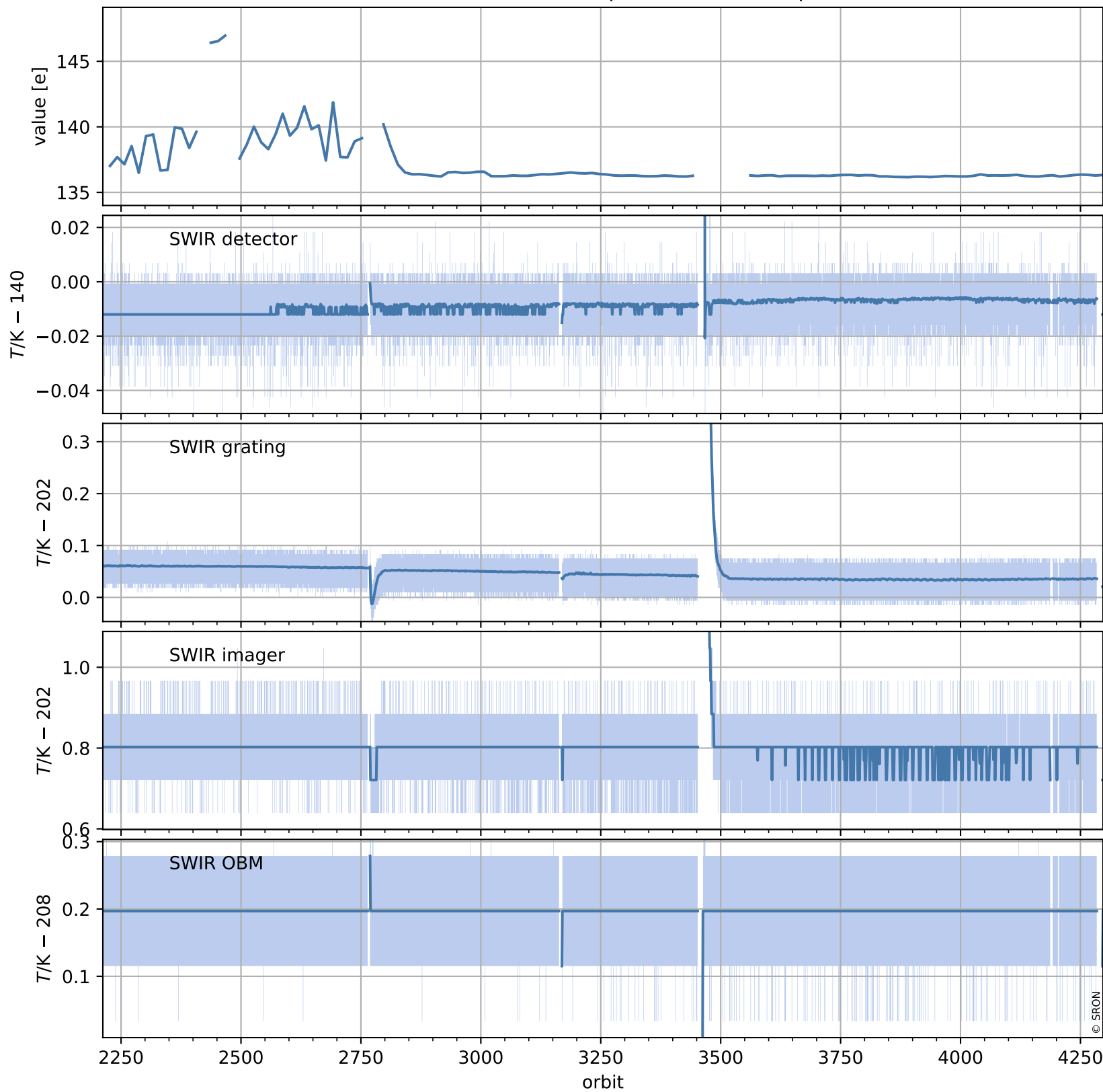
orbits : 12 in [4207, 4297]
coverage : 2018-08-06 / 2018-08-12
created : 2023-08-21T14:27:12



Tropomi SWIR background noise (swir)

orbits : [2212, 4297]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:12

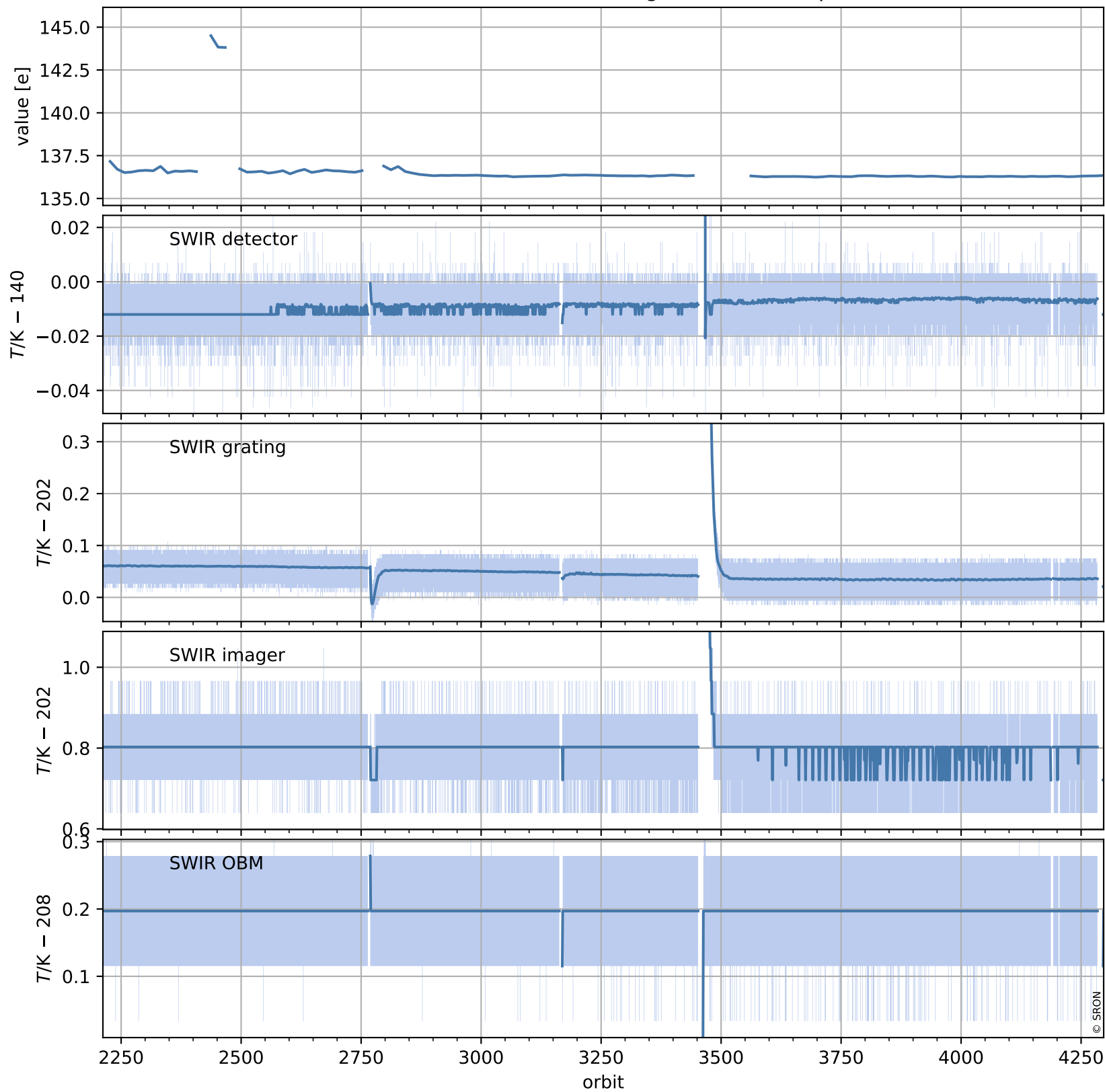
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4297]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4297]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:14

trend of normalized read-noise & temperatures

