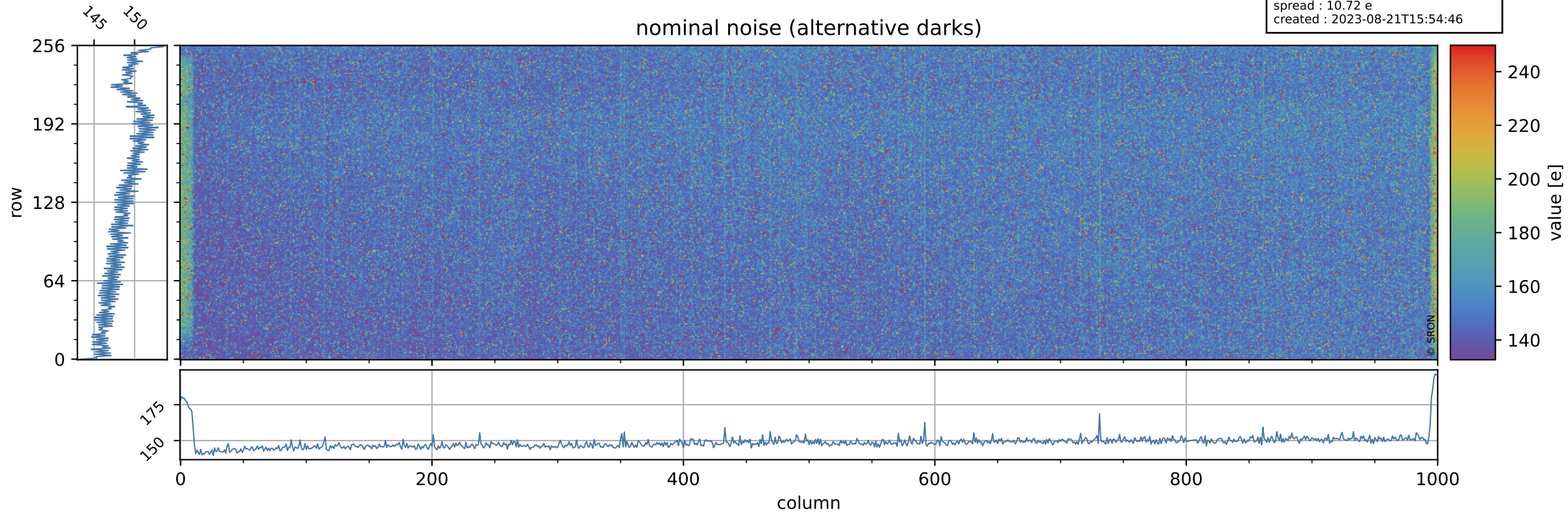


Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.72 e
created : 2023-08-21T15:54:46

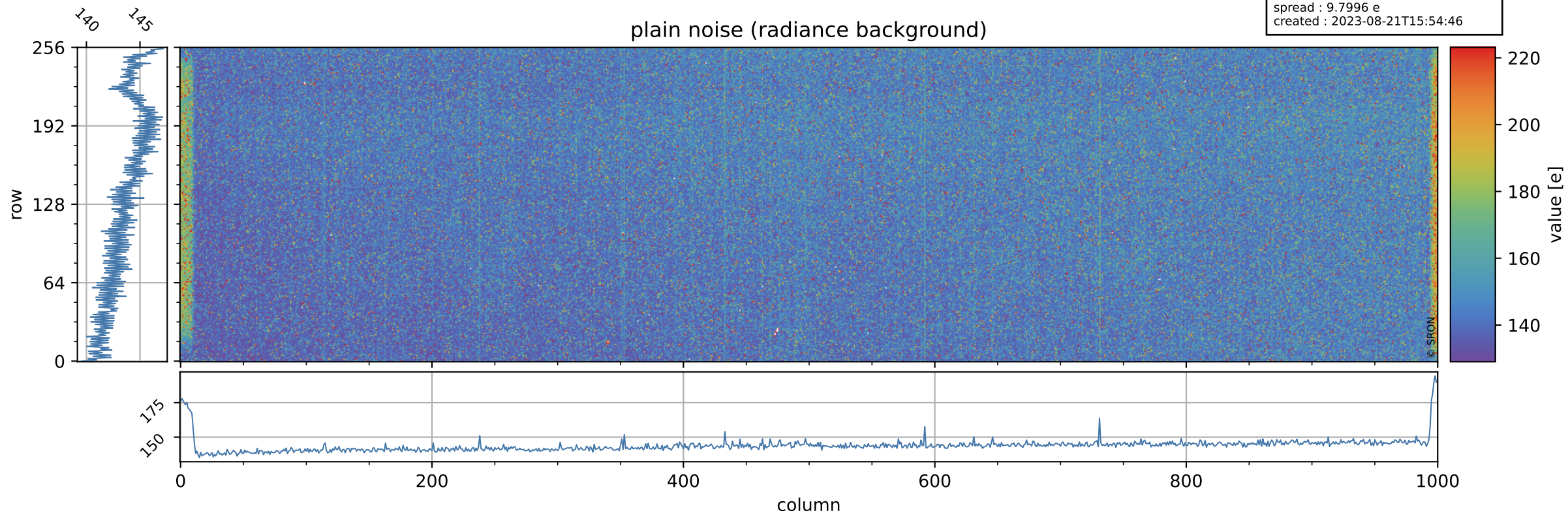
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.7996 e
created : 2023-08-21T15:54:46

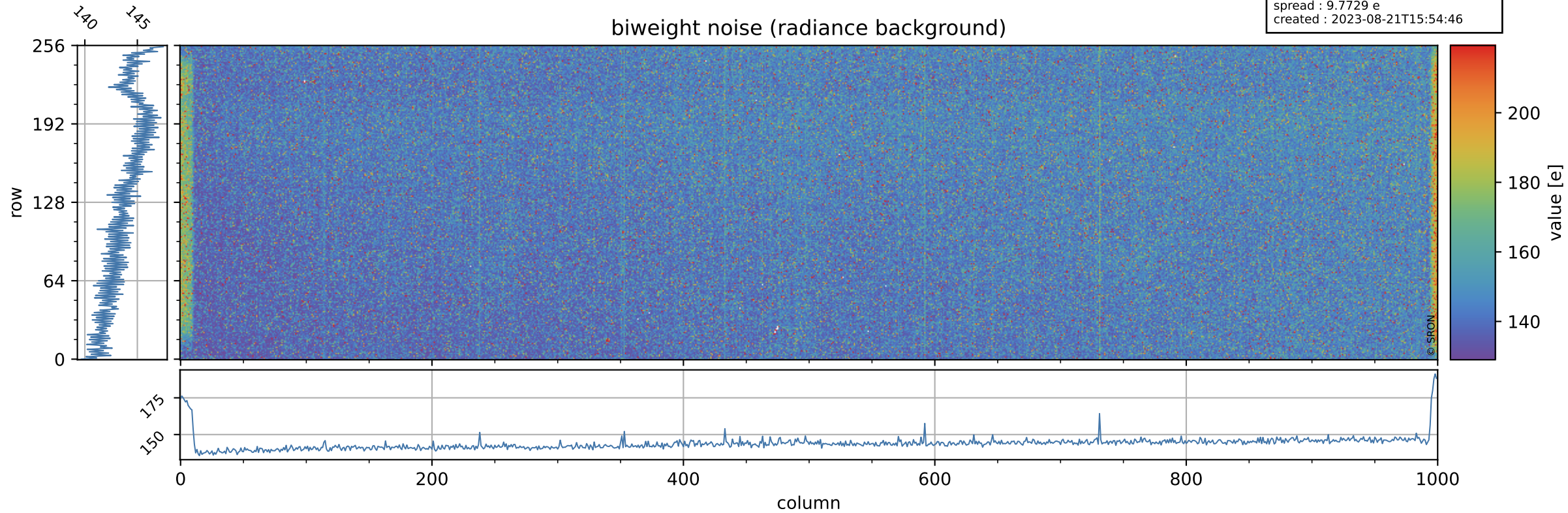
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7729 e
created : 2023-08-21T15:54:46

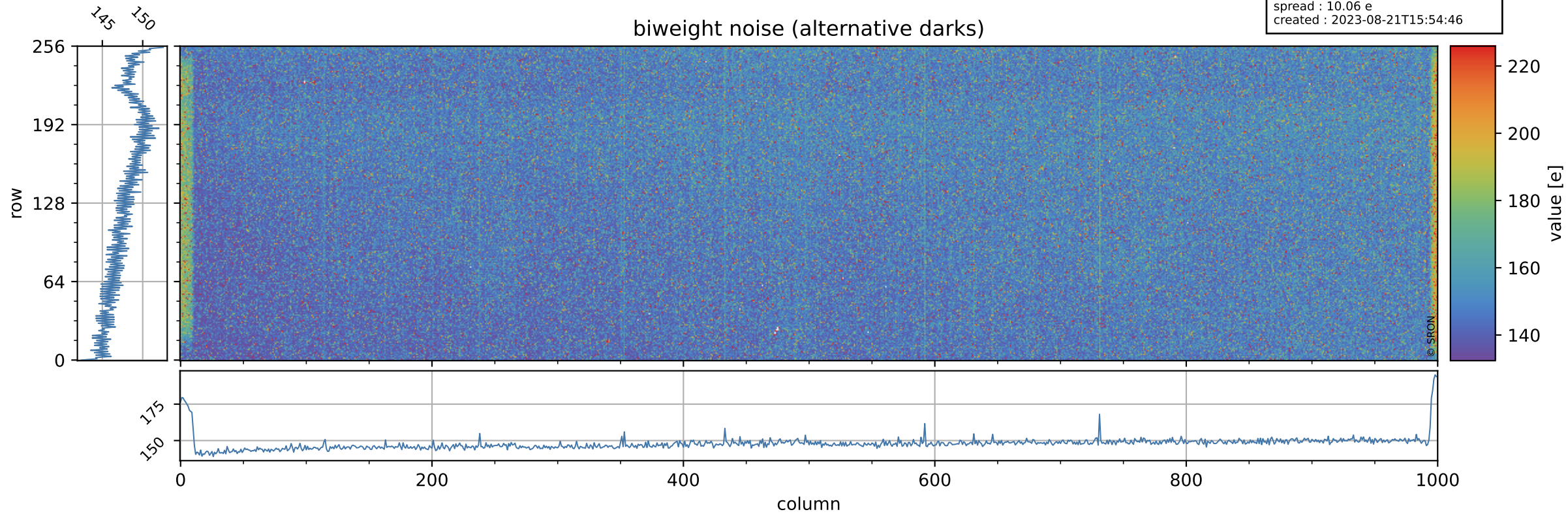
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.06 e
created : 2023-08-21T15:54:46

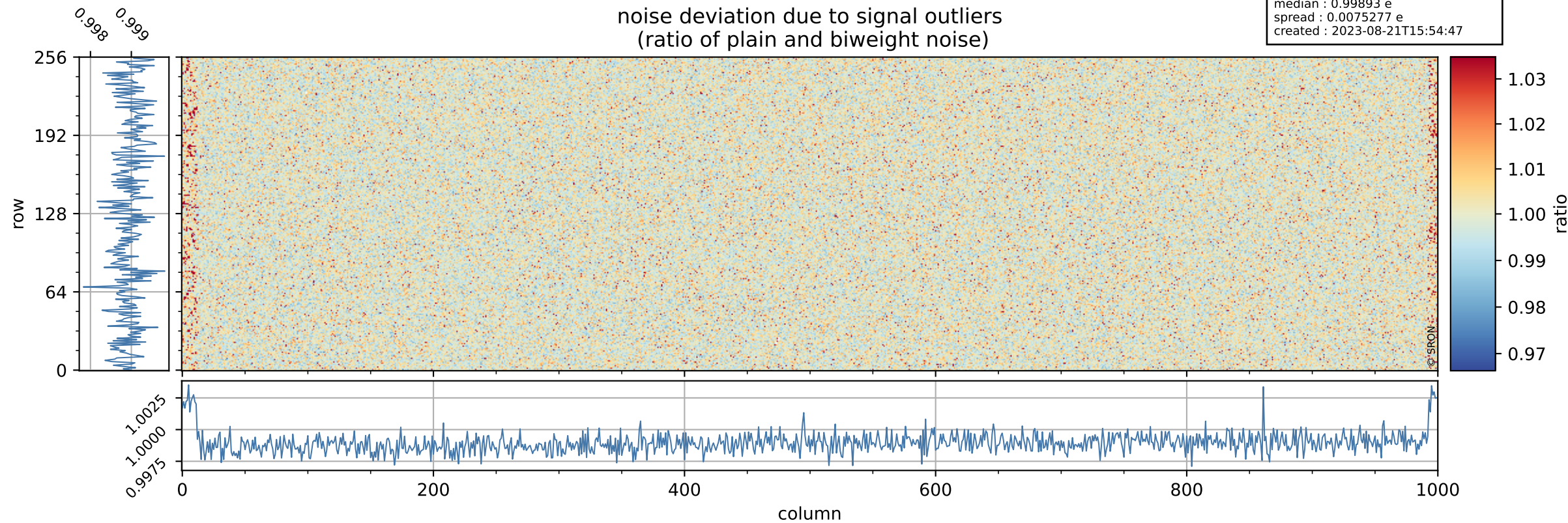
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

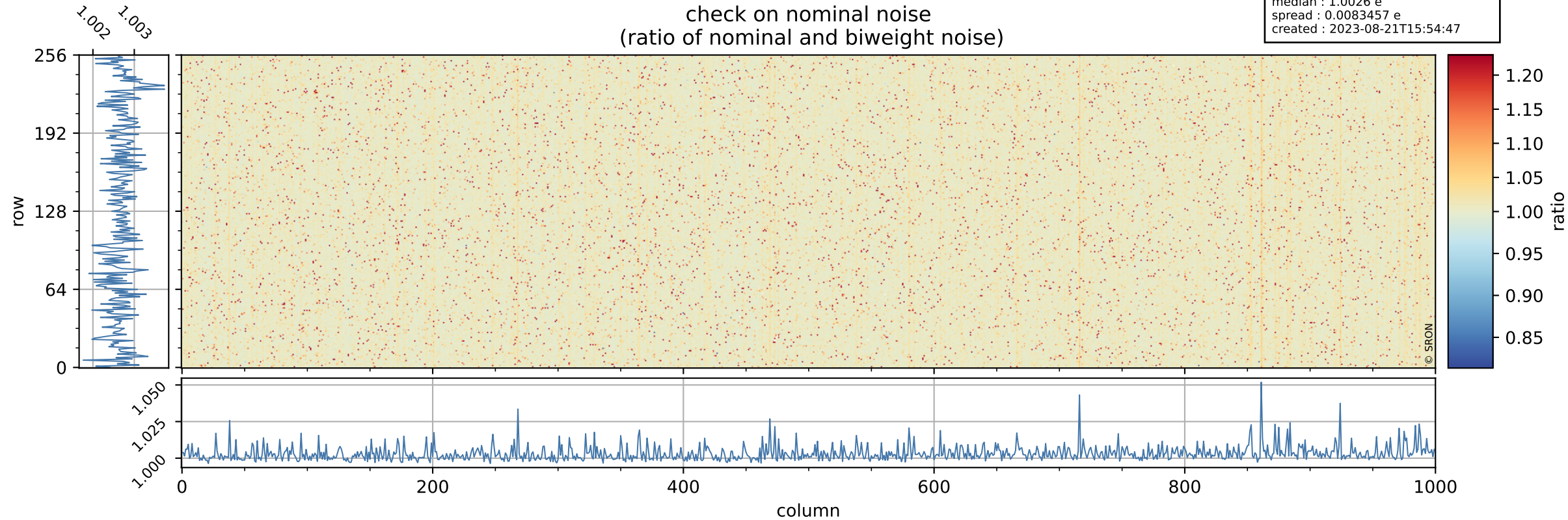
orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
median : 0.99893 e
spread : 0.0075277 e
created : 2023-08-21T15:54:47



Tropomi SWIR background noise (swir)

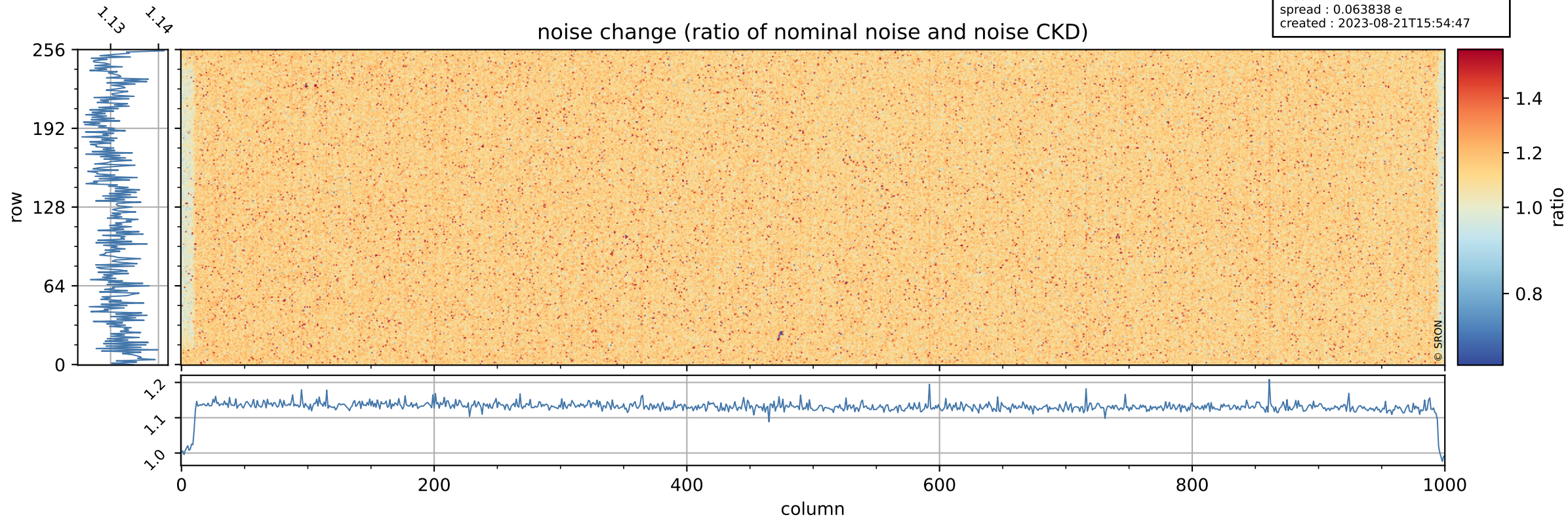
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
median : 1.0026 e
spread : 0.0083457 e
created : 2023-08-21T15:54:47



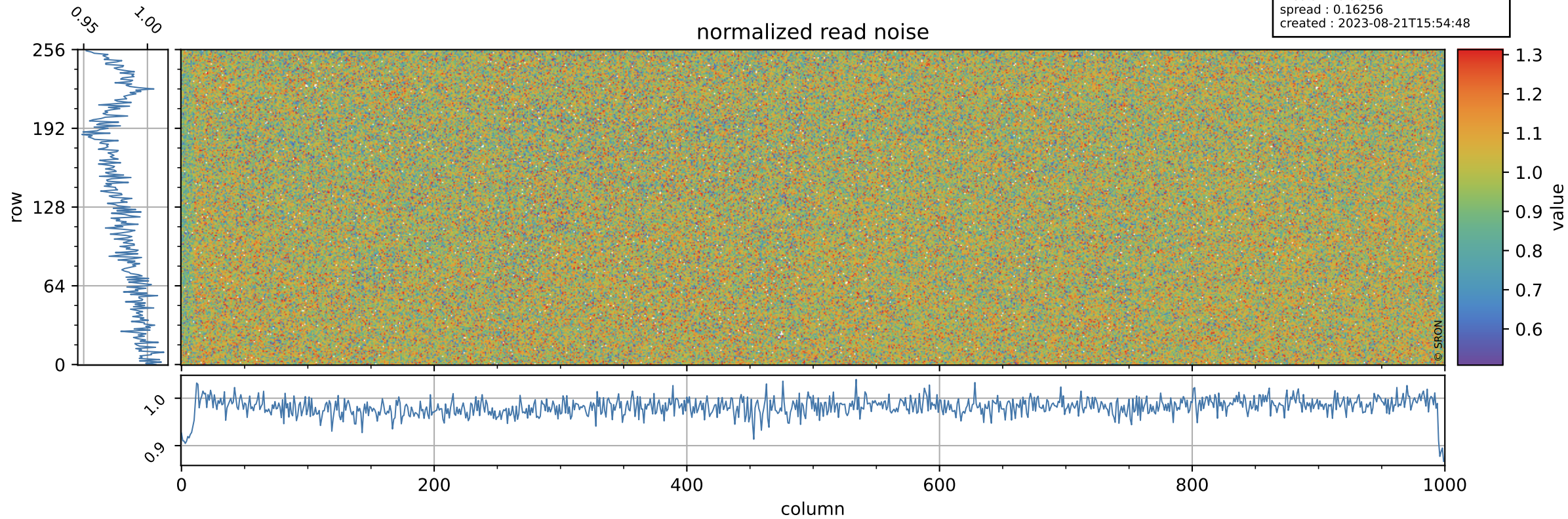
Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
median : 1.13 e
spread : 0.063838 e
created : 2023-08-21T15:54:47



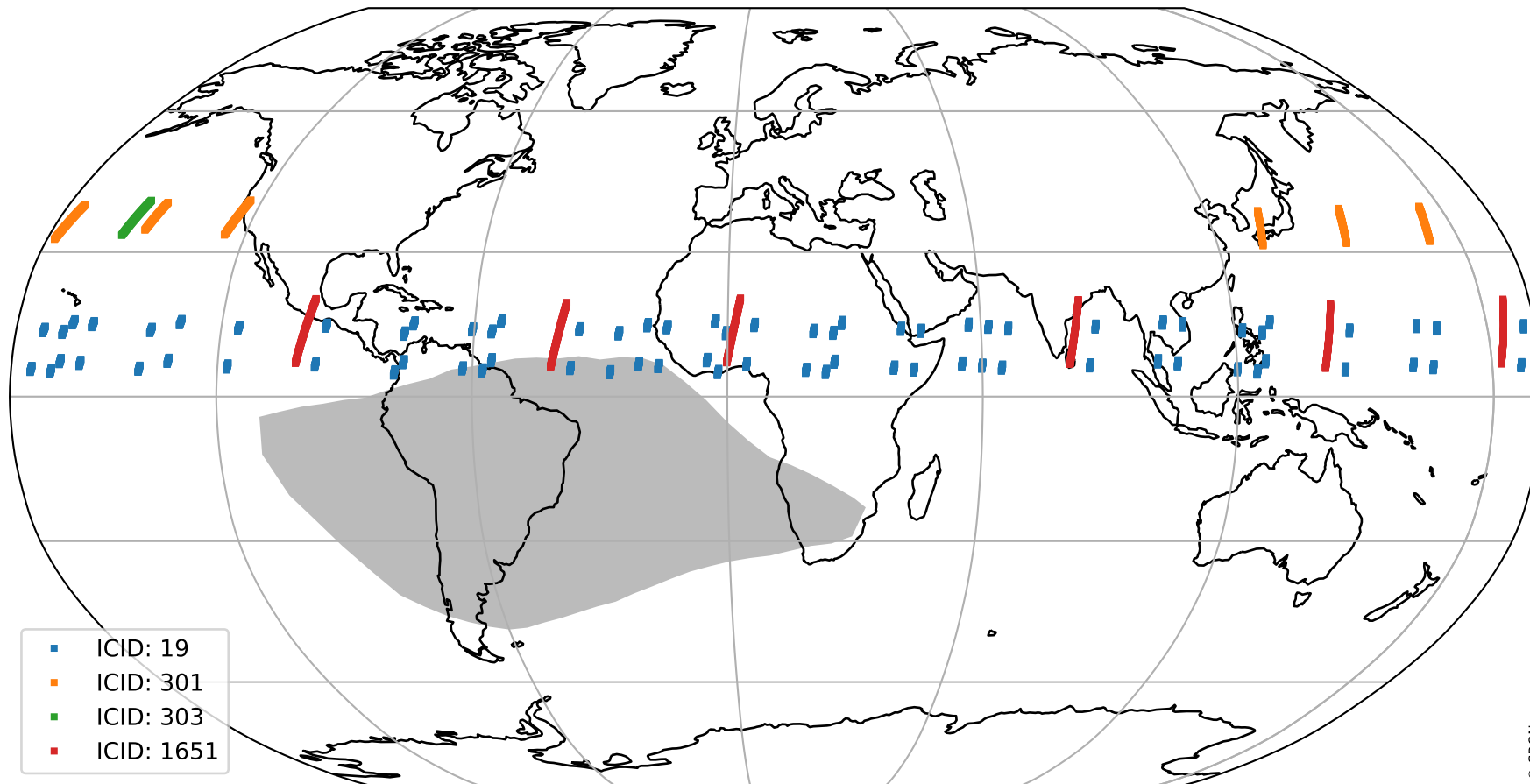
Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
median : 0.98027
spread : 0.16256
created : 2023-08-21T15:54:48



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

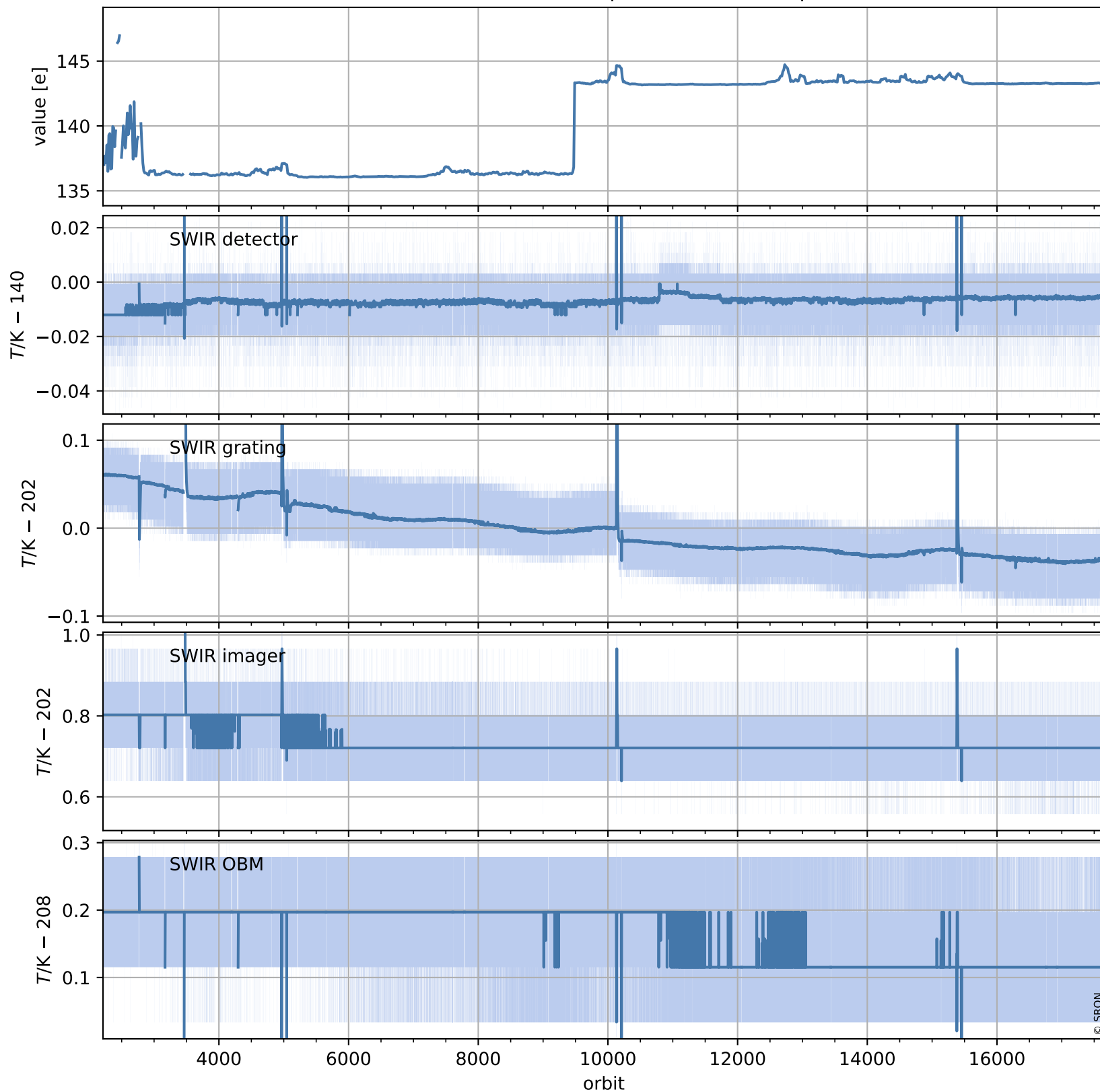
orbits : 13 in [17587, 17662]
coverage : 2021-03-05 / 2021-03-10
created : 2023-08-21T15:54:48



Tropomi SWIR background noise (swir)

orbits : [2212, 17662]
coverage : 2018-03-18 / 2021-03-10
created : 2023-08-21T15:54:48

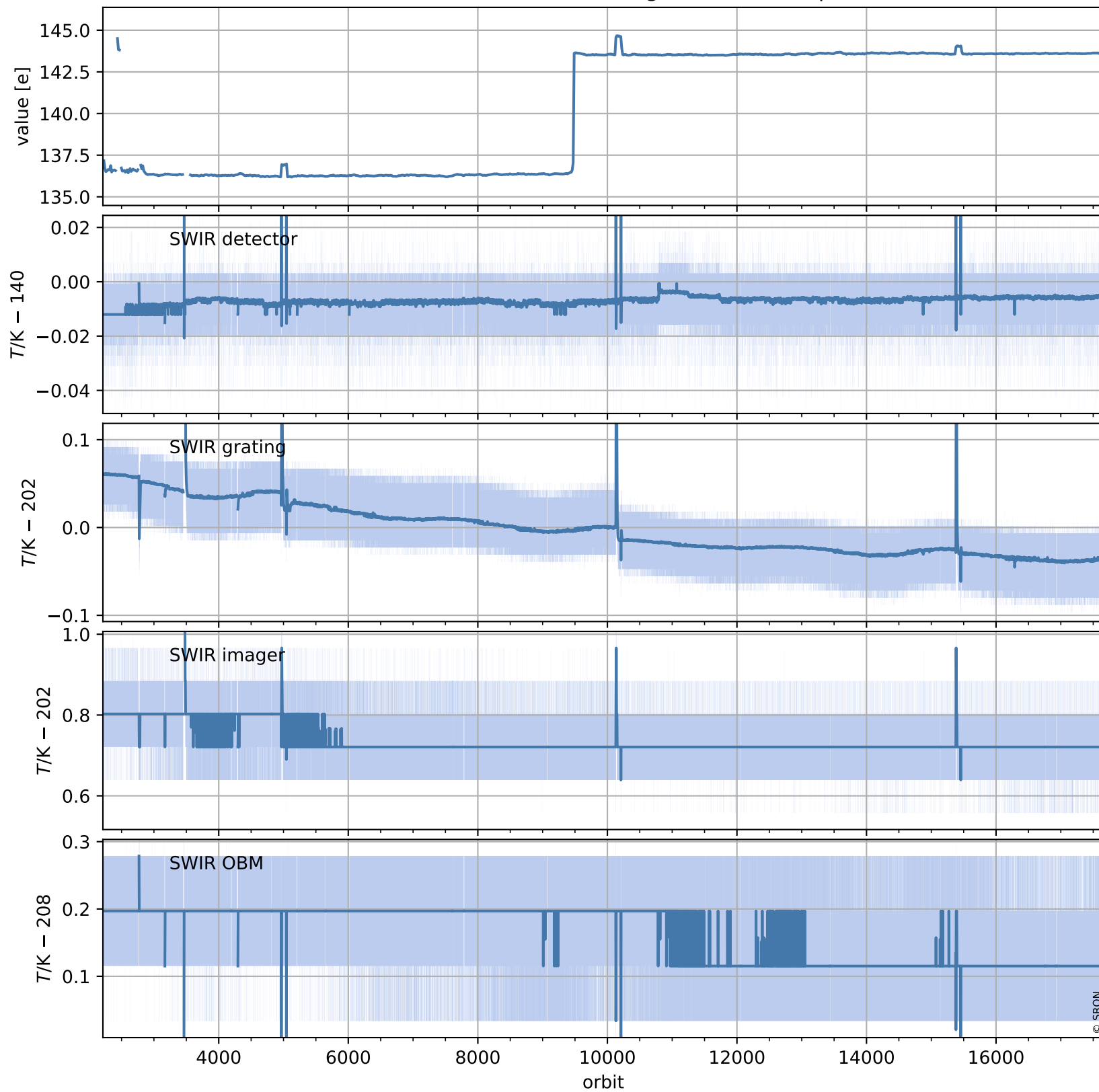
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17662]
coverage : 2018-03-18 / 2021-03-10
created : 2023-08-21T15:54:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17662]
coverage : 2018-03-18 / 2021-03-10
created : 2023-08-21T15:54:50

trend of normalized read-noise & temperatures

