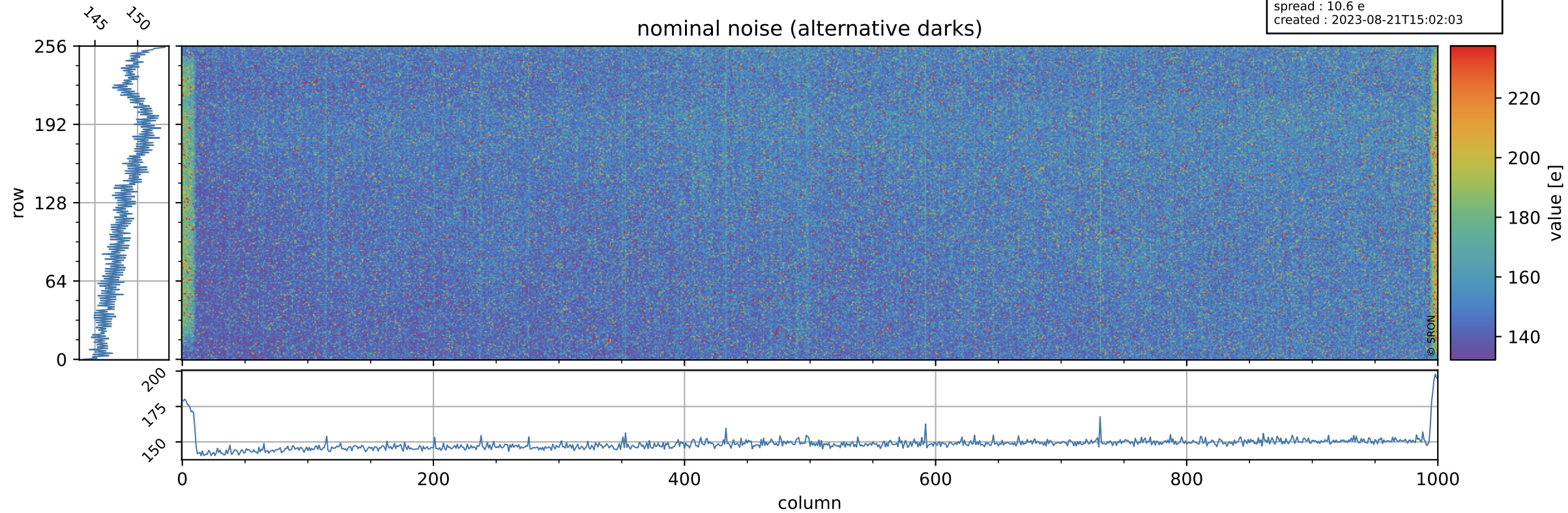


Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.6 e
created : 2023-08-21T15:02:03

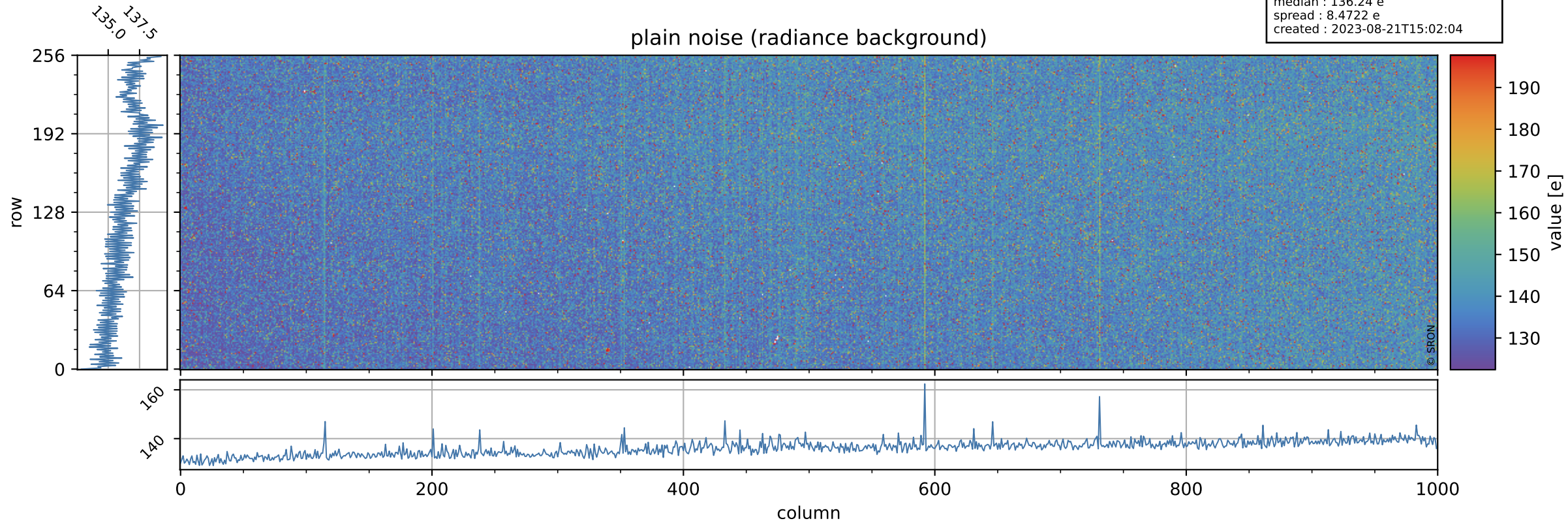
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4722 e
created : 2023-08-21T15:02:04

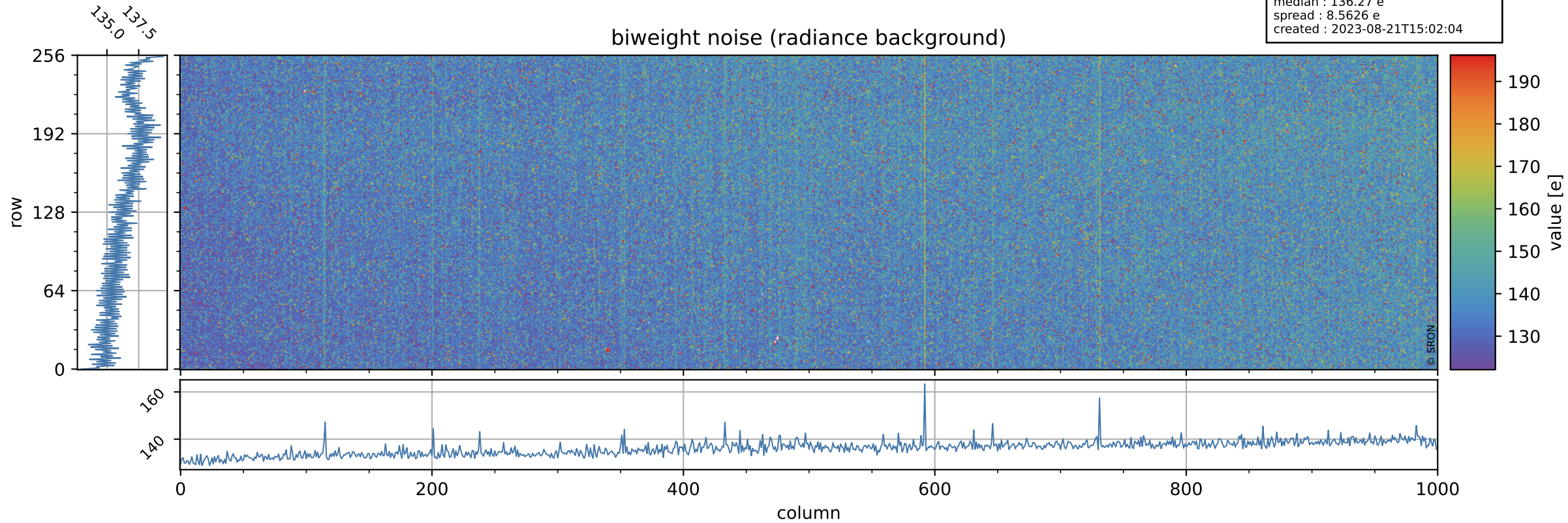
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5626 e
created : 2023-08-21T15:02:04

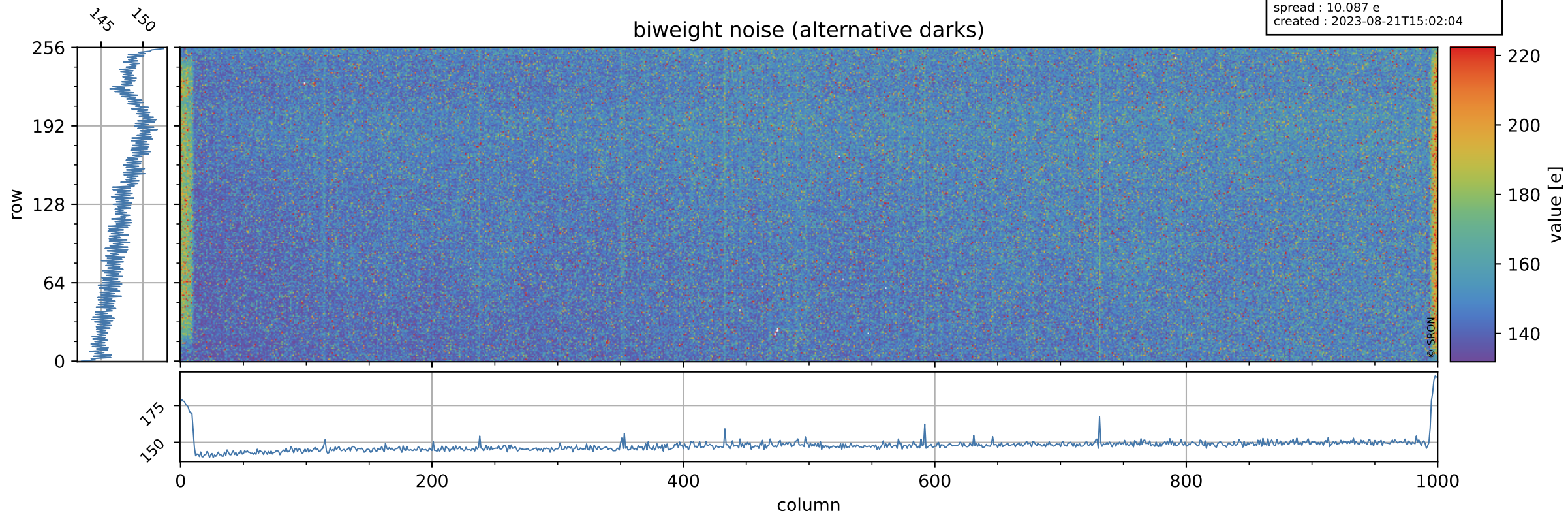
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.087 e
created : 2023-08-21T15:02:04

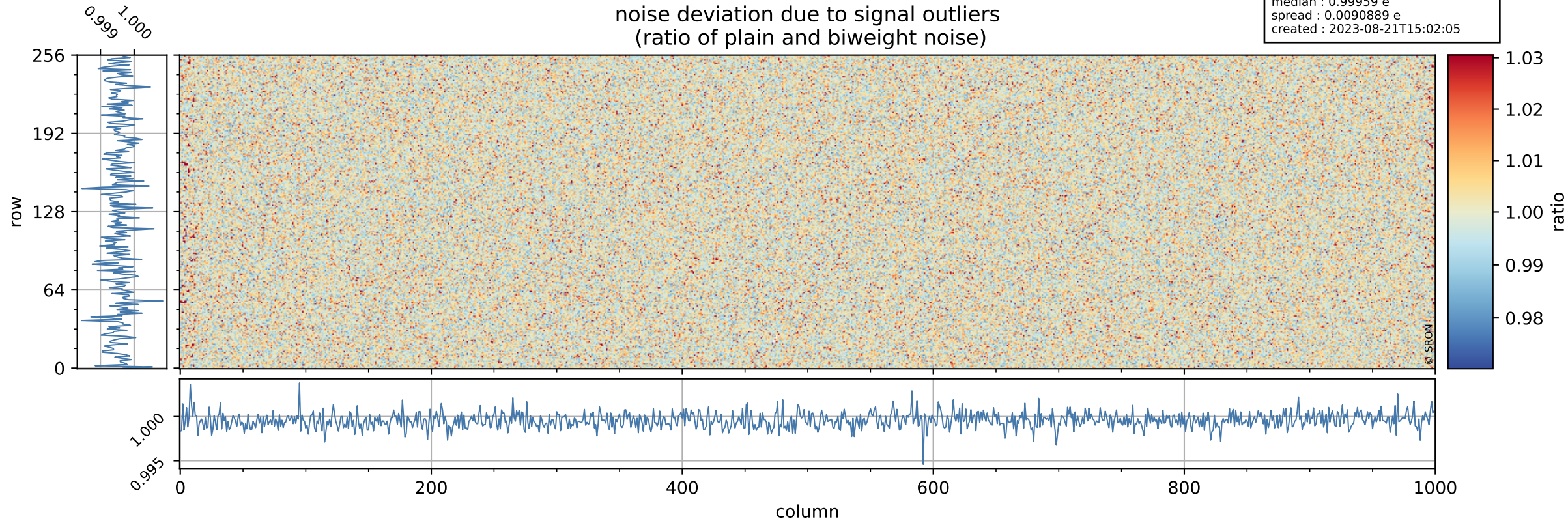
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

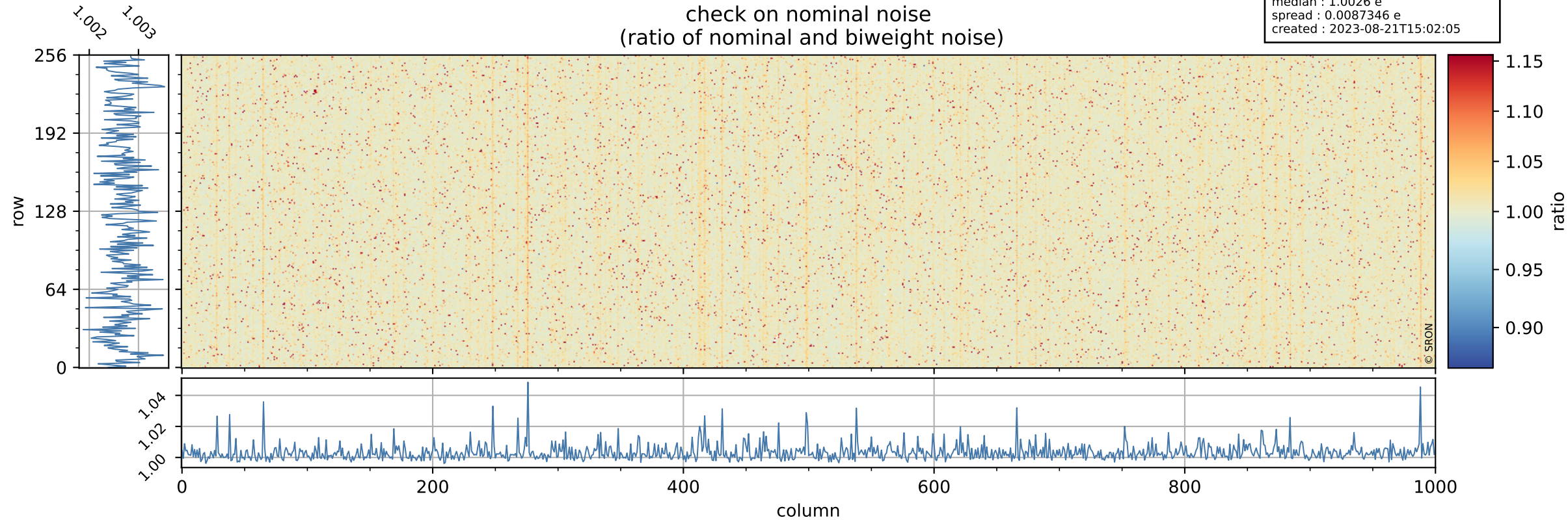
orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
median : 0.99959 e
spread : 0.0090889 e
created : 2023-08-21T15:02:05



Tropomi SWIR background noise (swir)

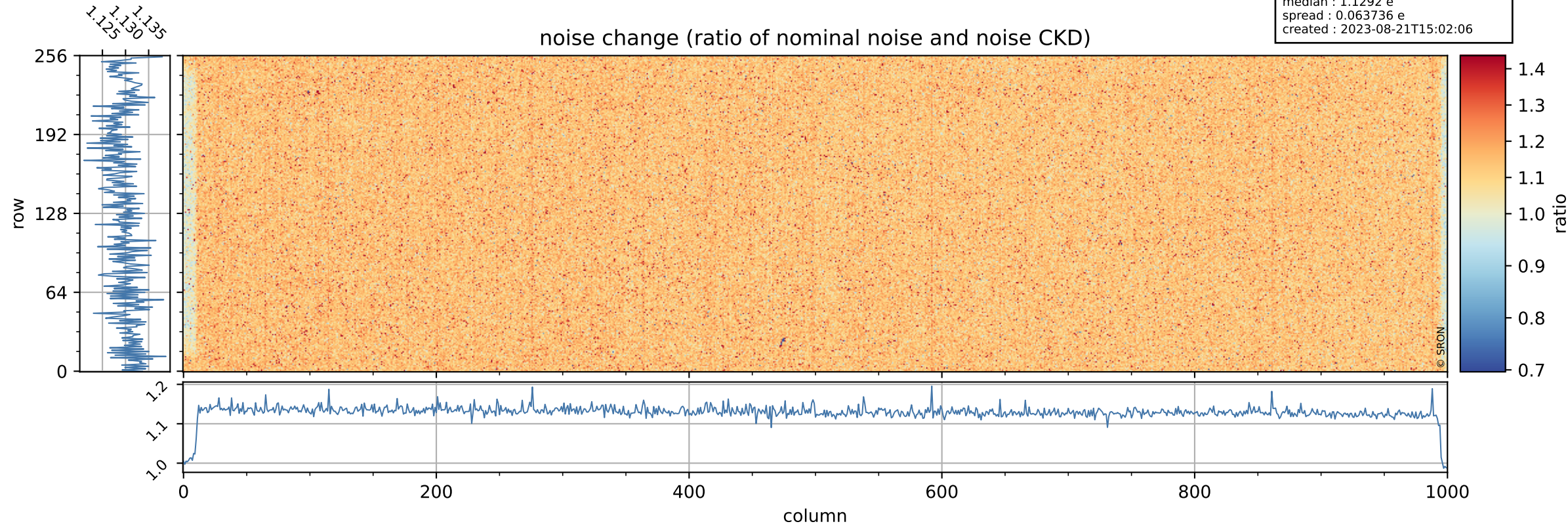
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
median : 1.0026 e
spread : 0.0087346 e
created : 2023-08-21T15:02:05



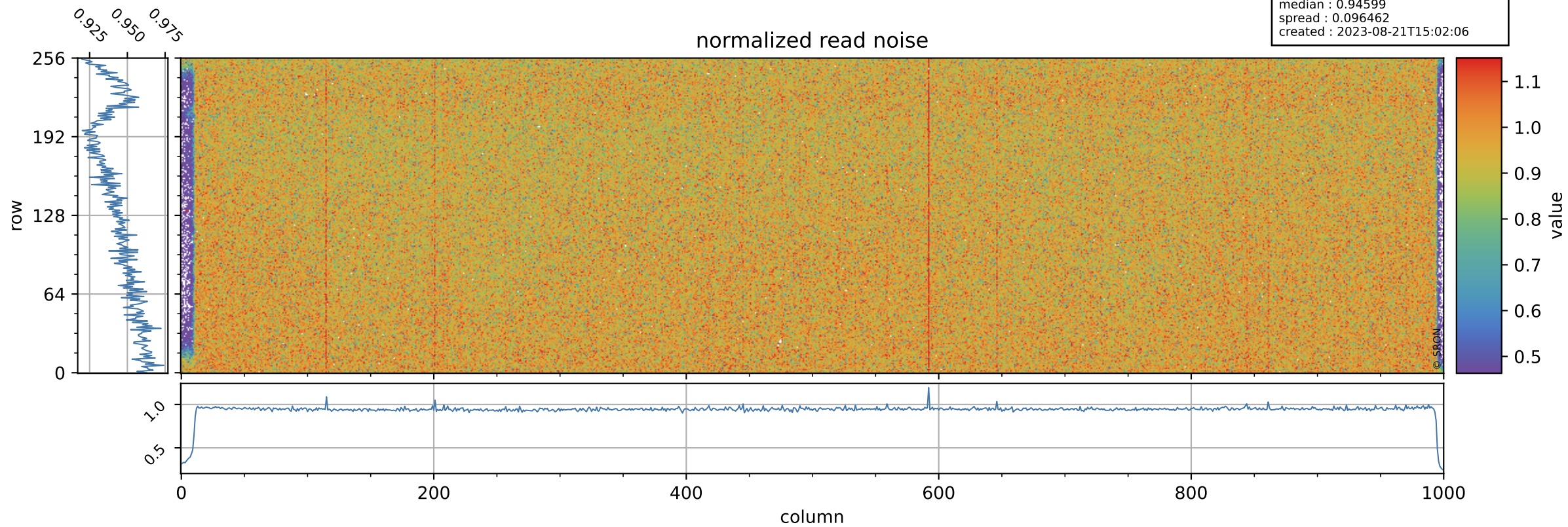
Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
median : 1.1292 e
spread : 0.063736 e
created : 2023-08-21T15:02:06



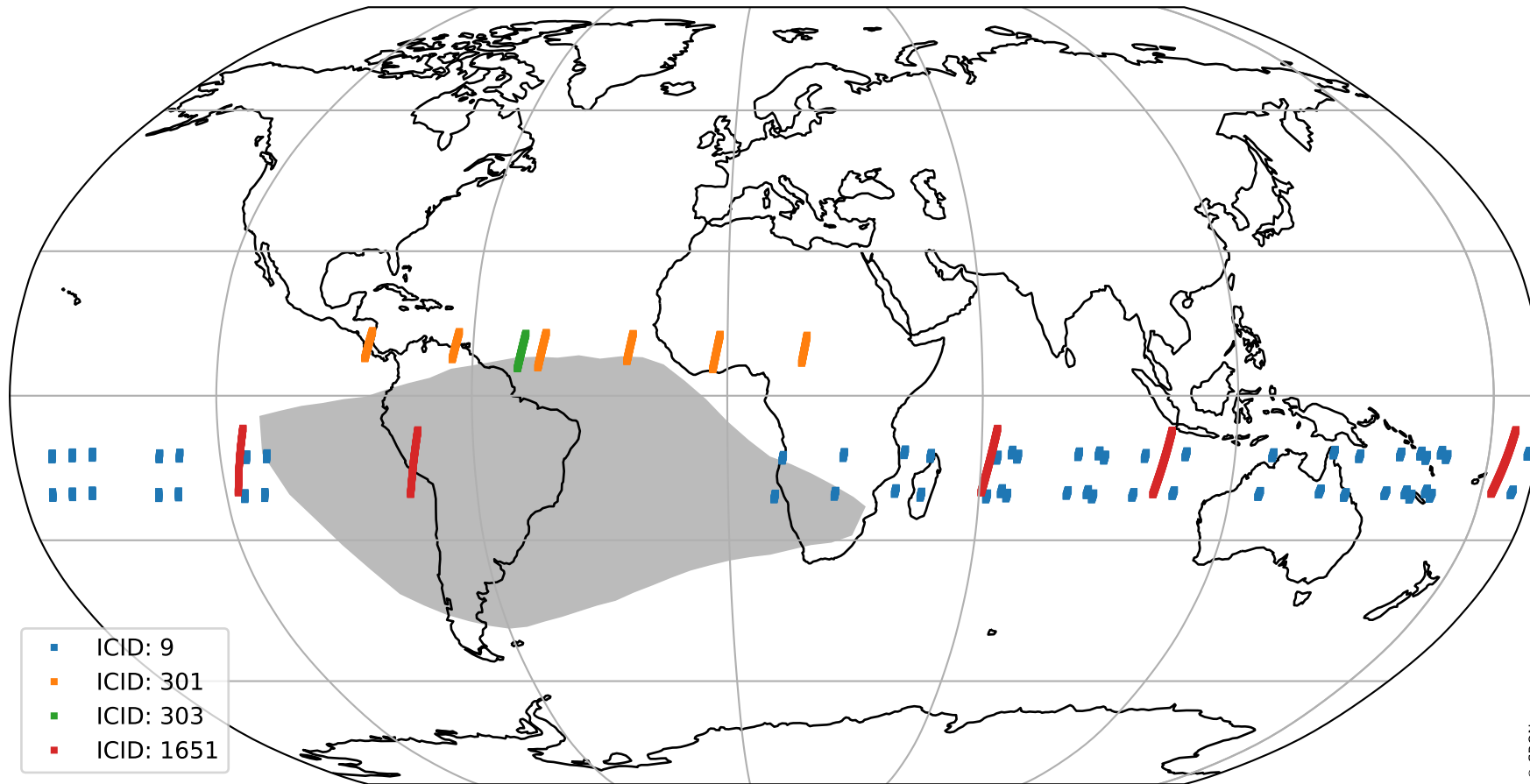
Tropomi SWIR background noise (swir)

orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
median : 0.94599
spread : 0.096462
created : 2023-08-21T15:02:06



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

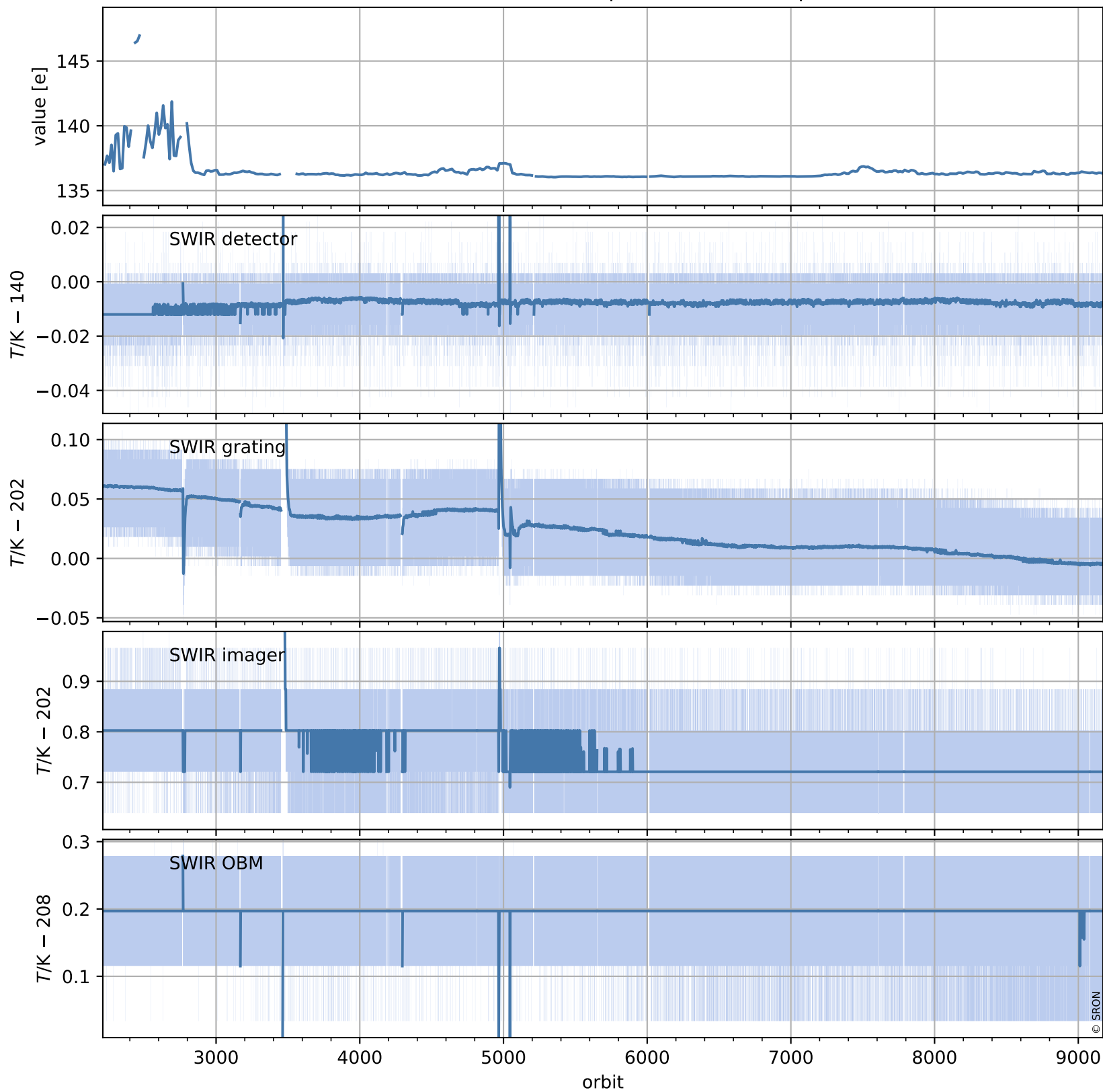
orbits : 12 in [9082, 9172]
coverage : 2019-07-15 / 2019-07-21
created : 2023-08-21T15:02:07



Tropomi SWIR background noise (swir)

orbits : [2212, 9172]
coverage : 2018-03-18 / 2019-07-21
created : 2023-08-21T15:02:07

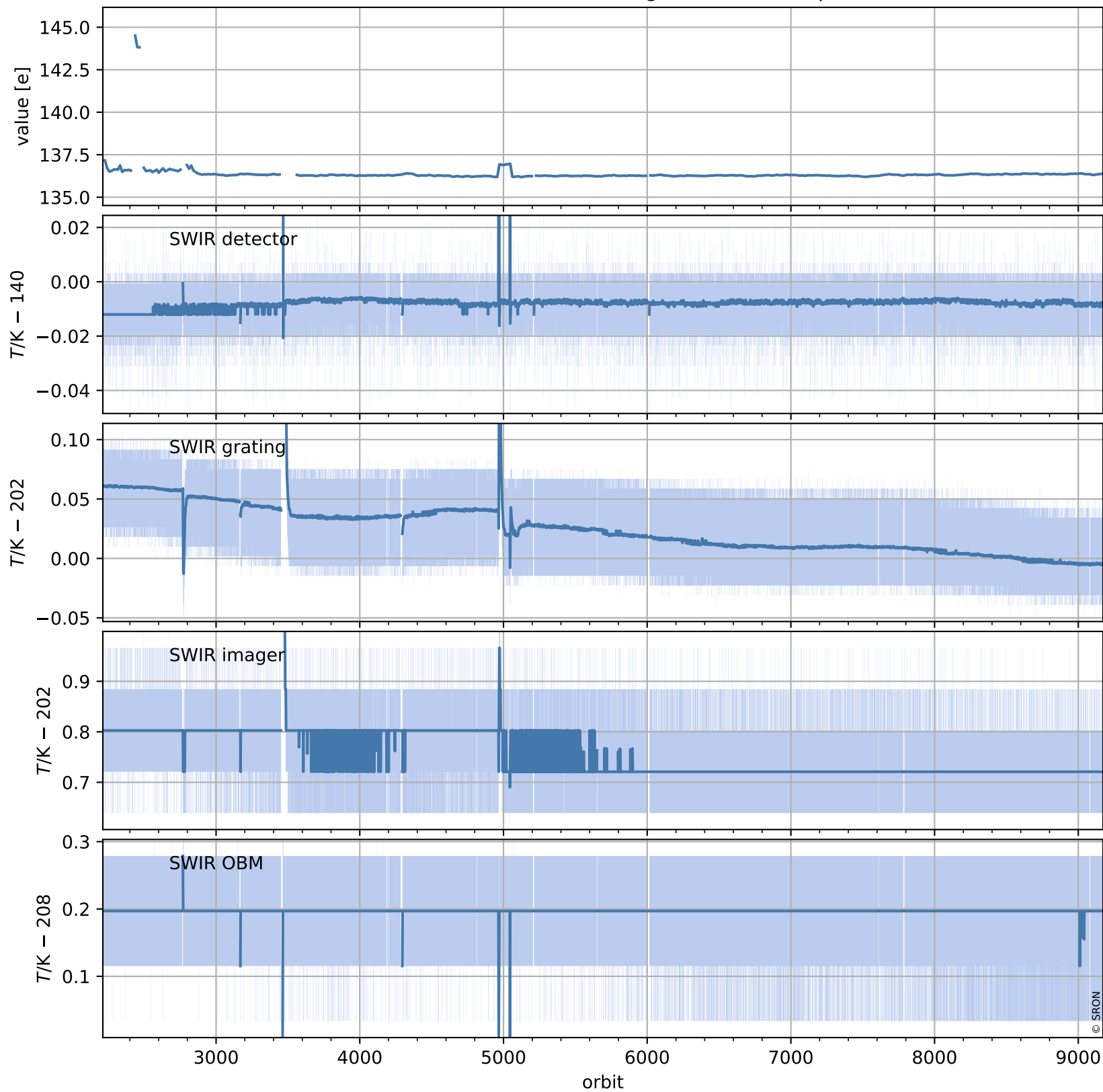
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9172]
coverage : 2018-03-18 / 2019-07-21
created : 2023-08-21T15:02:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9172]
coverage : 2018-03-18 / 2019-07-21
created : 2023-08-21T15:02:08

trend of normalized read-noise & temperatures

