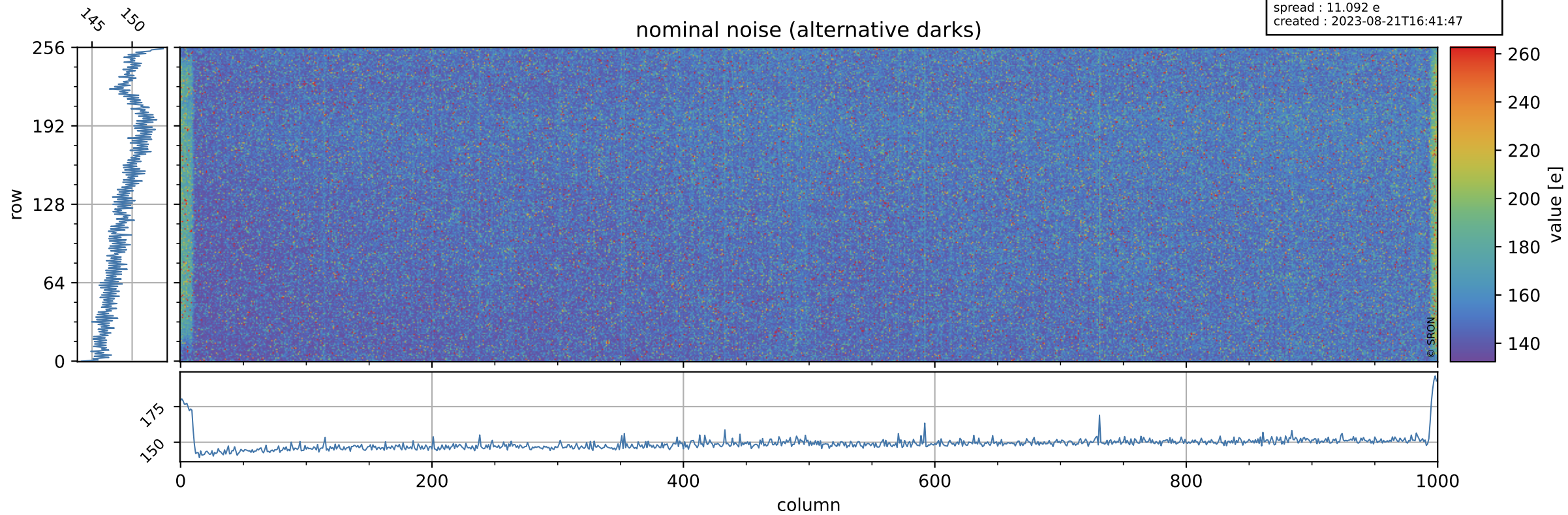


Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
n_coad, t_exp : 1, 1.0783
median : 148.88 e
spread : 11.092 e
created : 2023-08-21T16:41:47

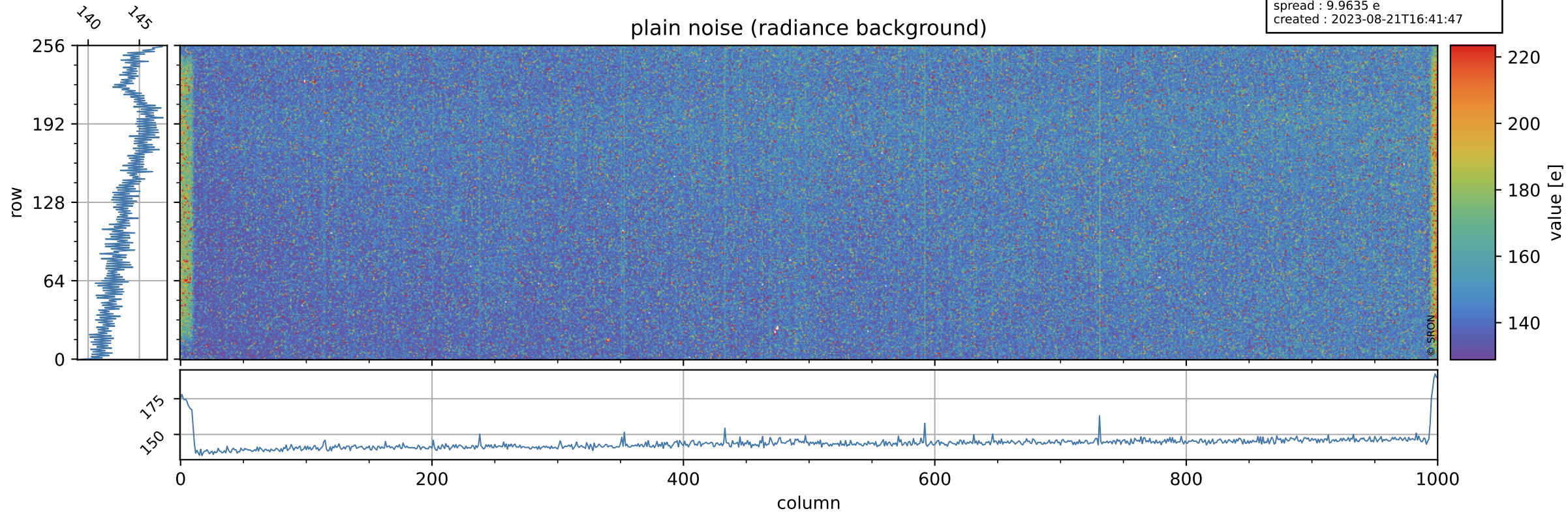
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.9635 e
created : 2023-08-21T16:41:47

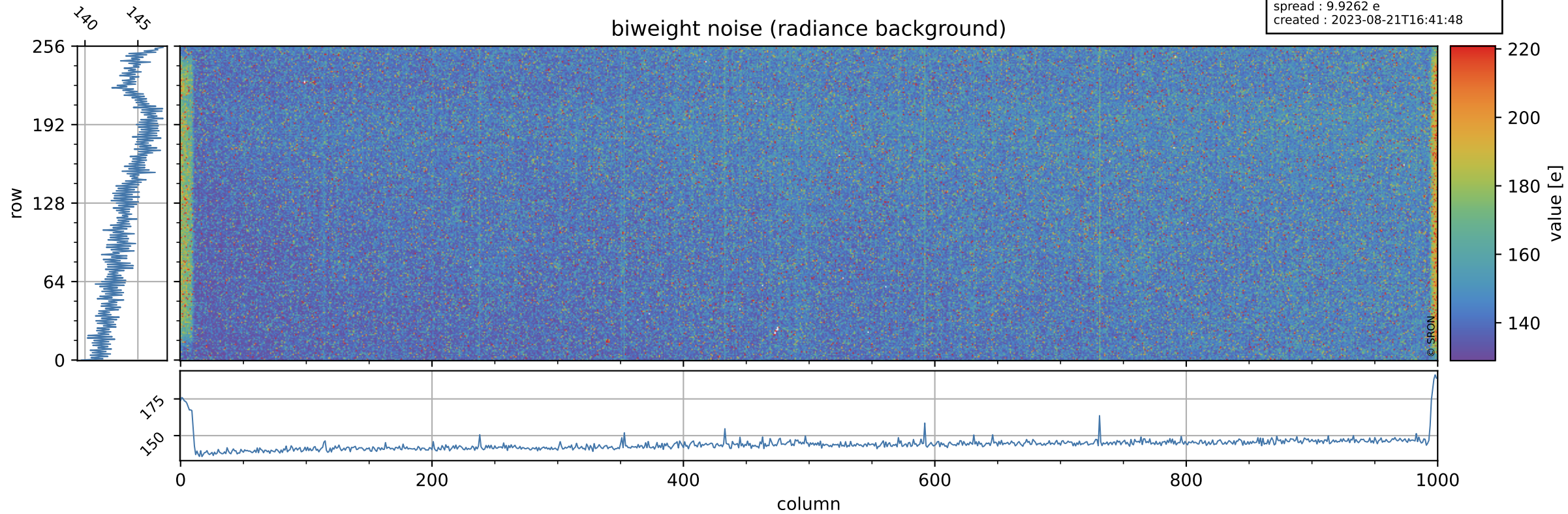
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9262 e
created : 2023-08-21T16:41:48

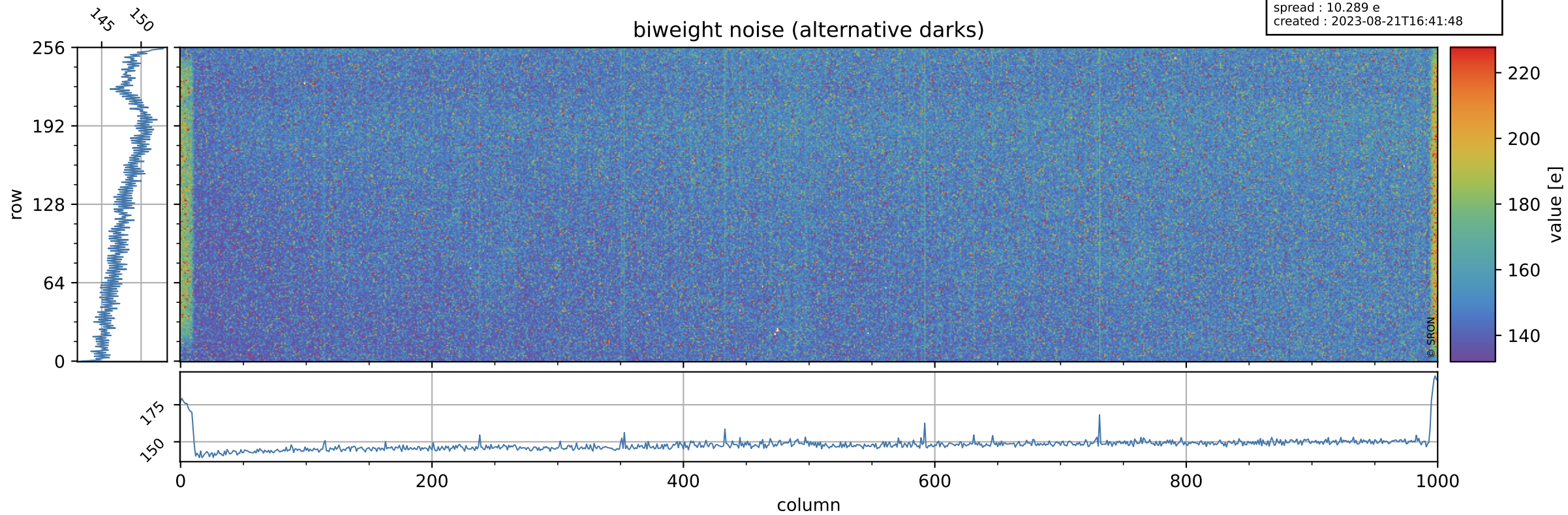
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.289 e
created : 2023-08-21T16:41:48

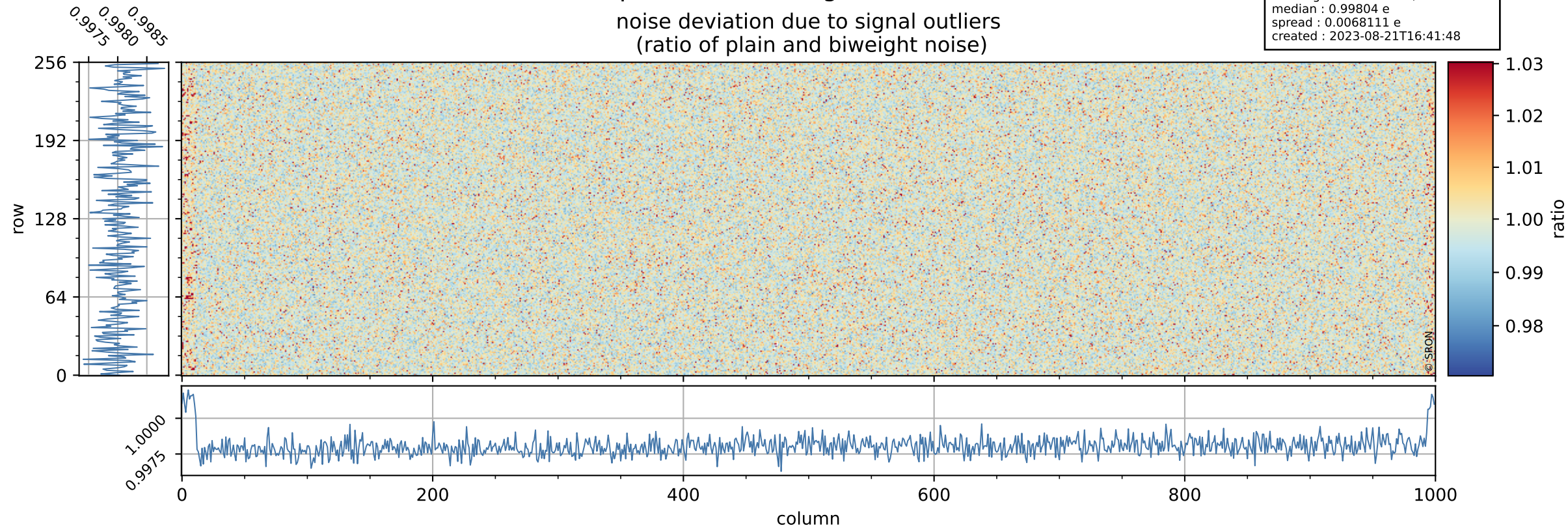
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

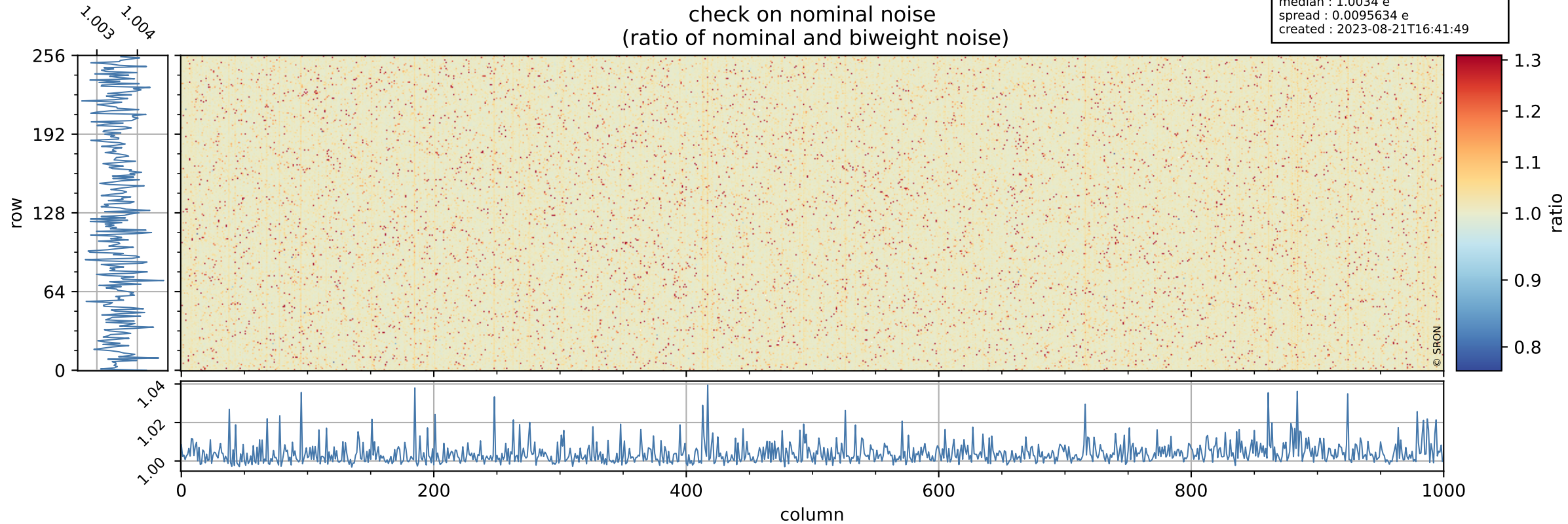
orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
median : 0.99804 e
spread : 0.0068111 e
created : 2023-08-21T16:41:48



Tropomi SWIR background noise (swir)

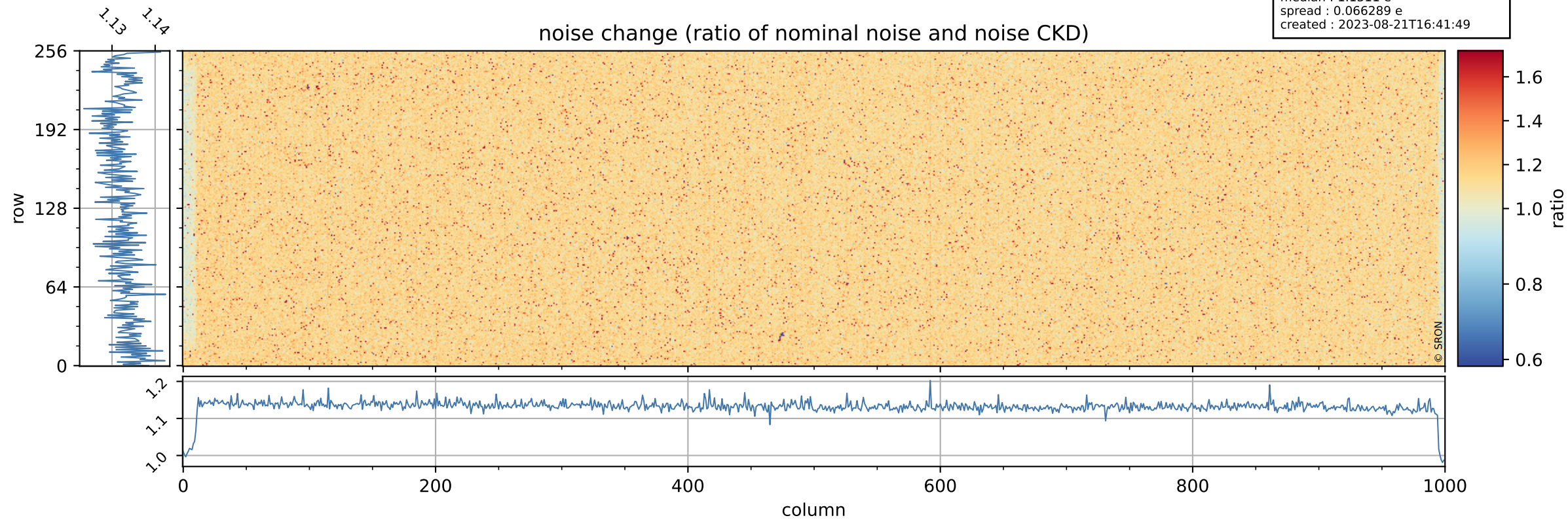
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
median : 1.0034 e
spread : 0.0095634 e
created : 2023-08-21T16:41:49



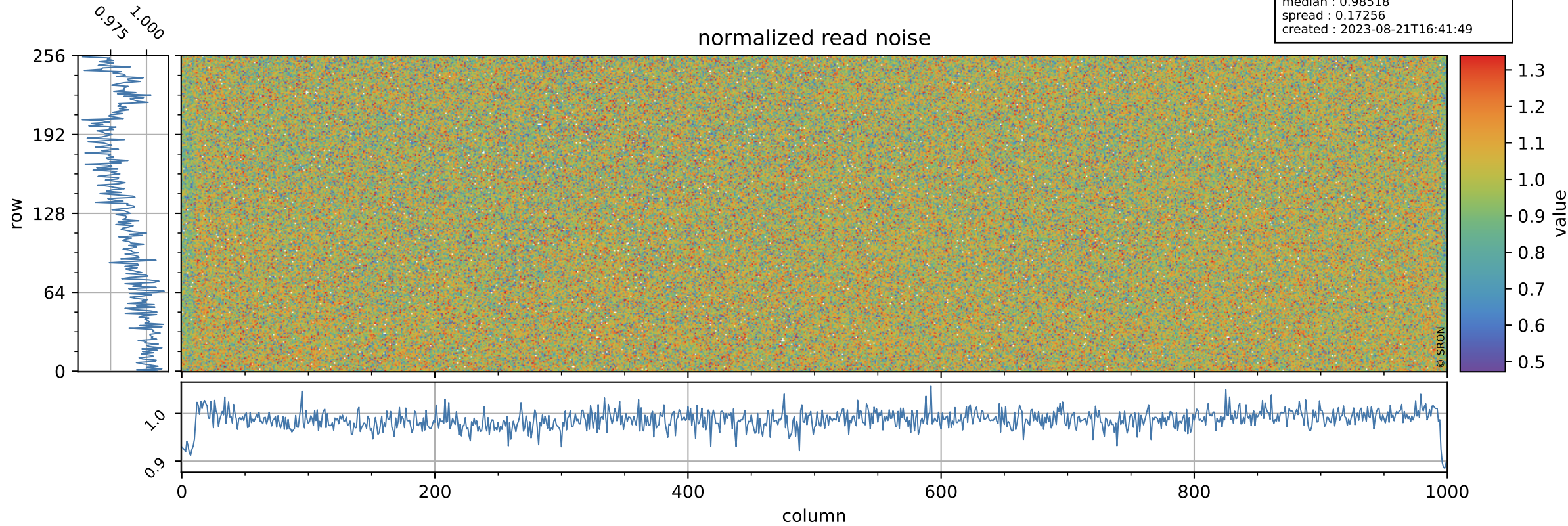
Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
median : 1.1311 e
spread : 0.066289 e
created : 2023-08-21T16:41:49



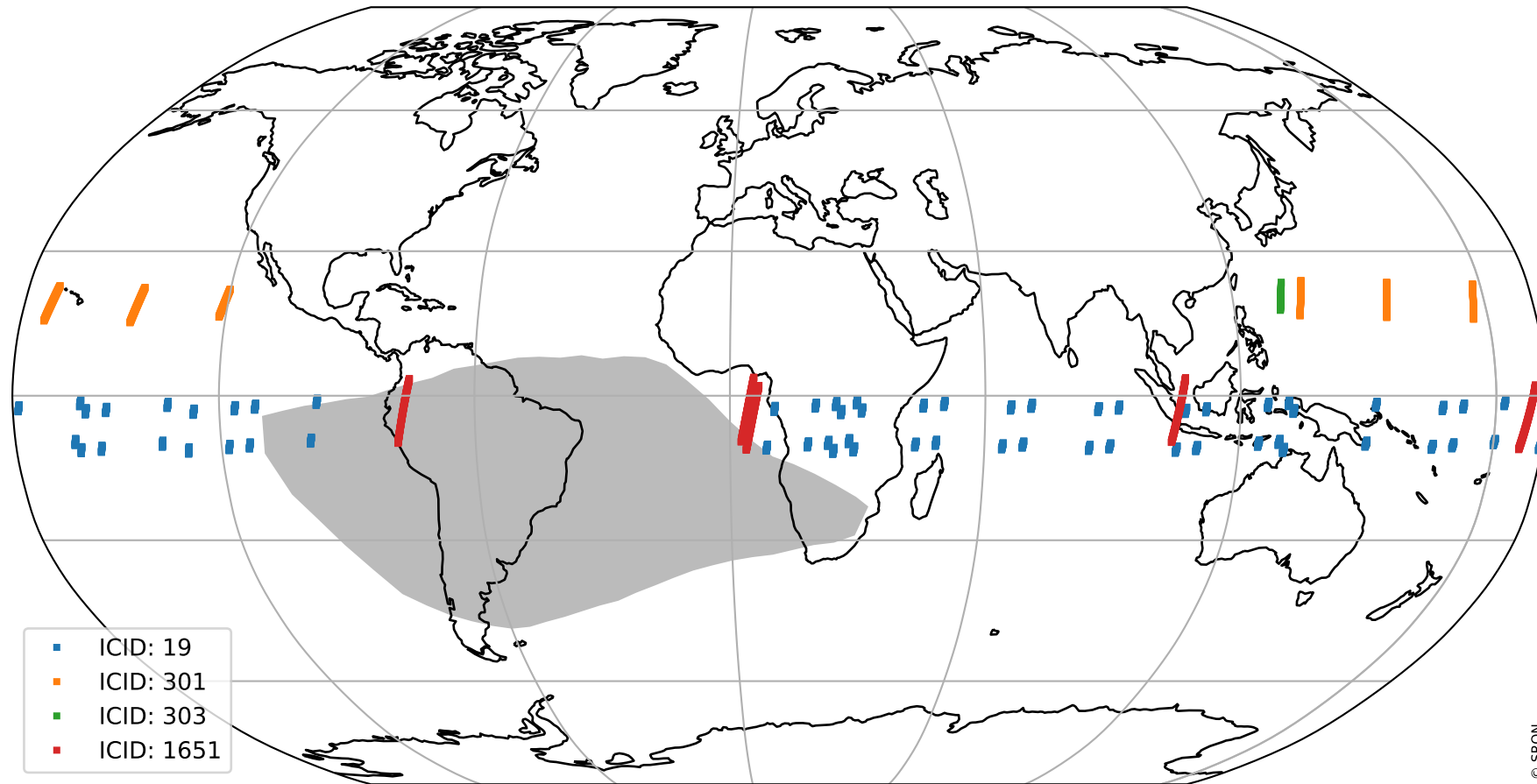
Tropomi SWIR background noise (swir)

orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
median : 0.98518
spread : 0.17256
created : 2023-08-21T16:41:49



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

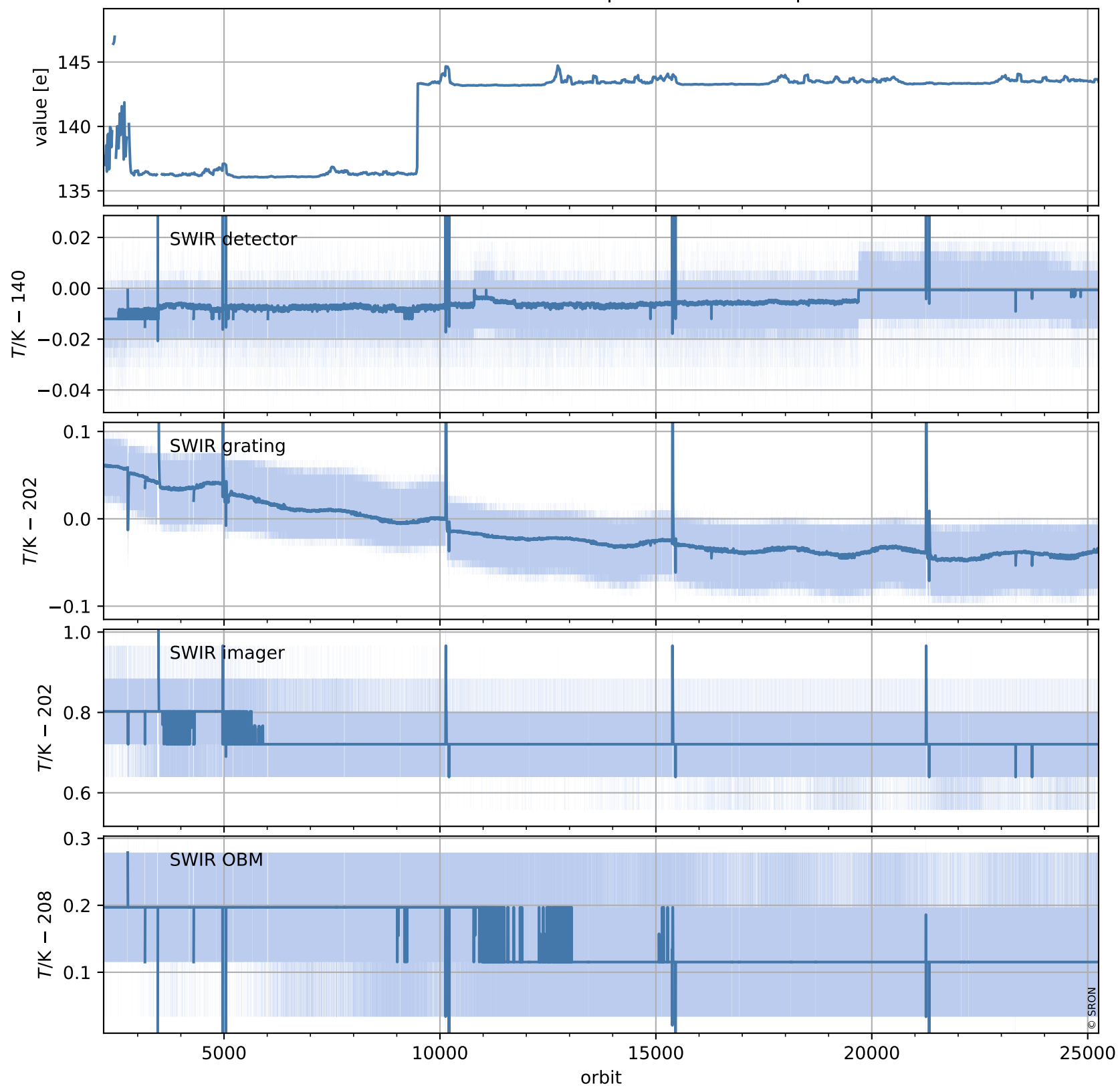
orbits : 12 in [25162, 25252]
coverage : 2022-08-22 / 2022-08-28
created : 2023-08-21T16:41:49



Tropomi SWIR background noise (swir)

orbits : [2212, 25252]
coverage : 2018-03-18 / 2022-08-28
created : 2023-08-21T16:41:50

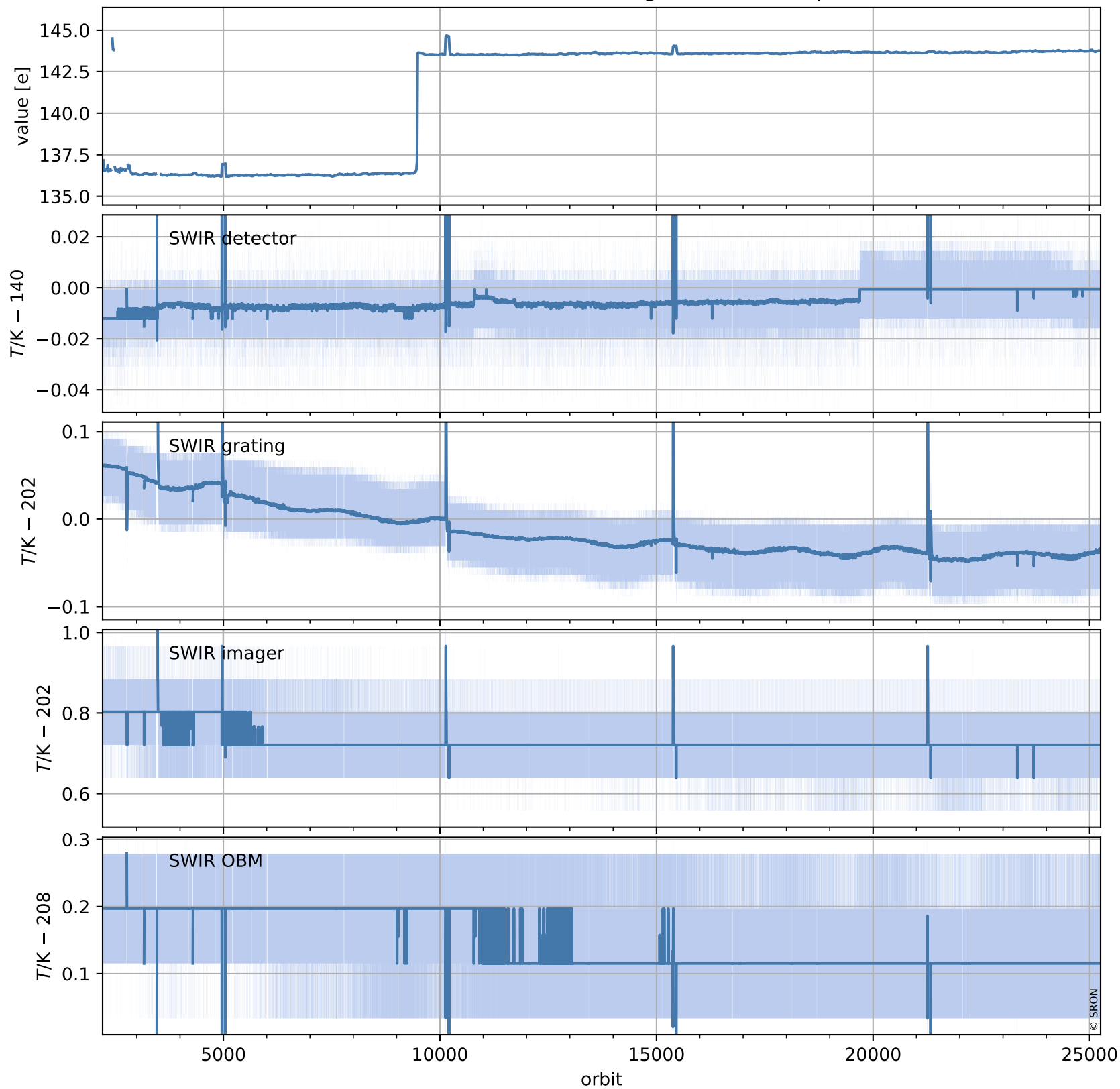
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25252]
coverage : 2018-03-18 / 2022-08-28
created : 2023-08-21T16:41:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25252]
coverage : 2018-03-18 / 2022-08-28
created : 2023-08-21T16:41:51

trend of normalized read-noise & temperatures

