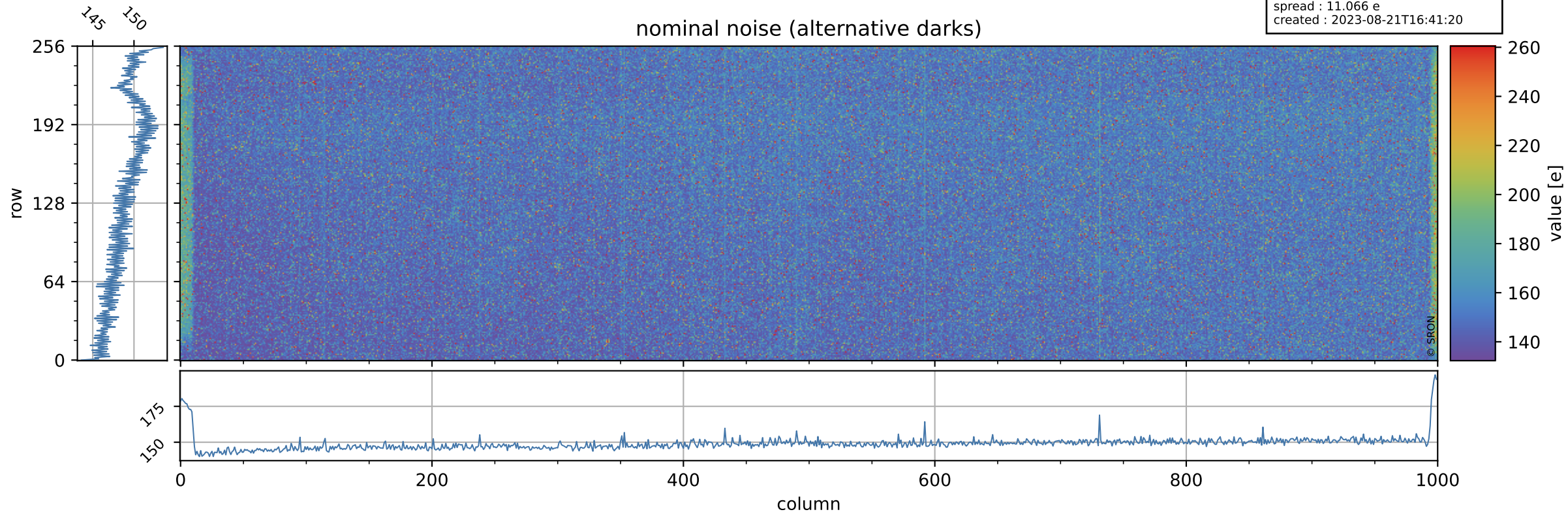


Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.066 e
created : 2023-08-21T16:41:20

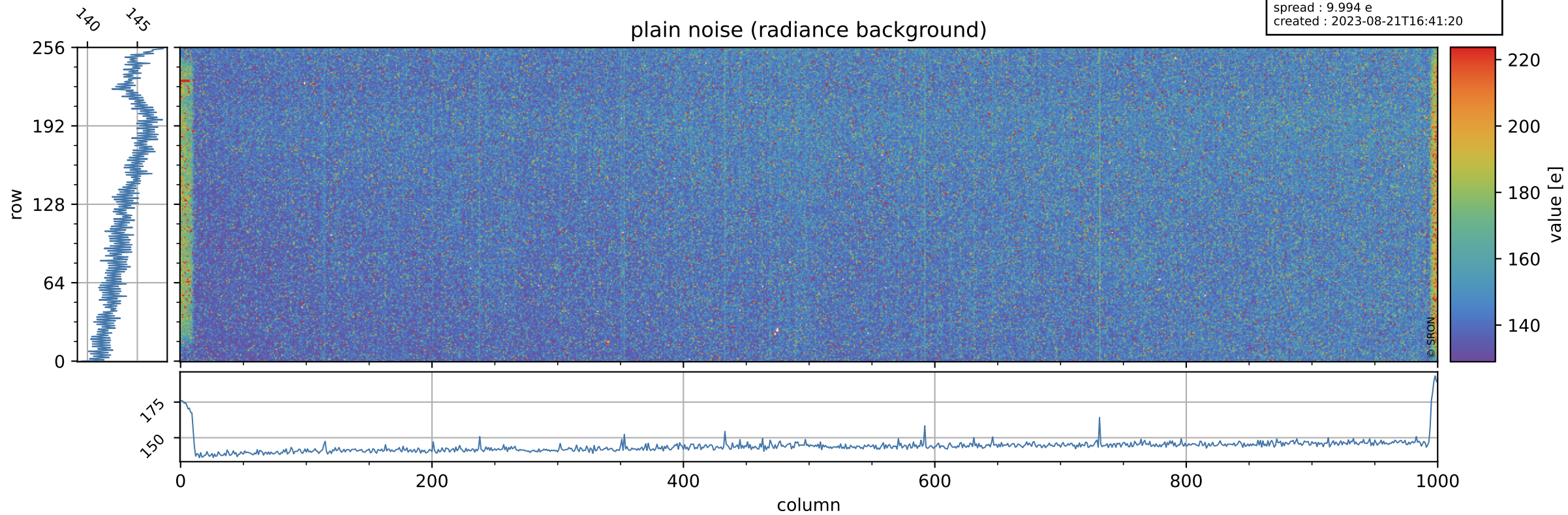
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.994 e
created : 2023-08-21T16:41:20

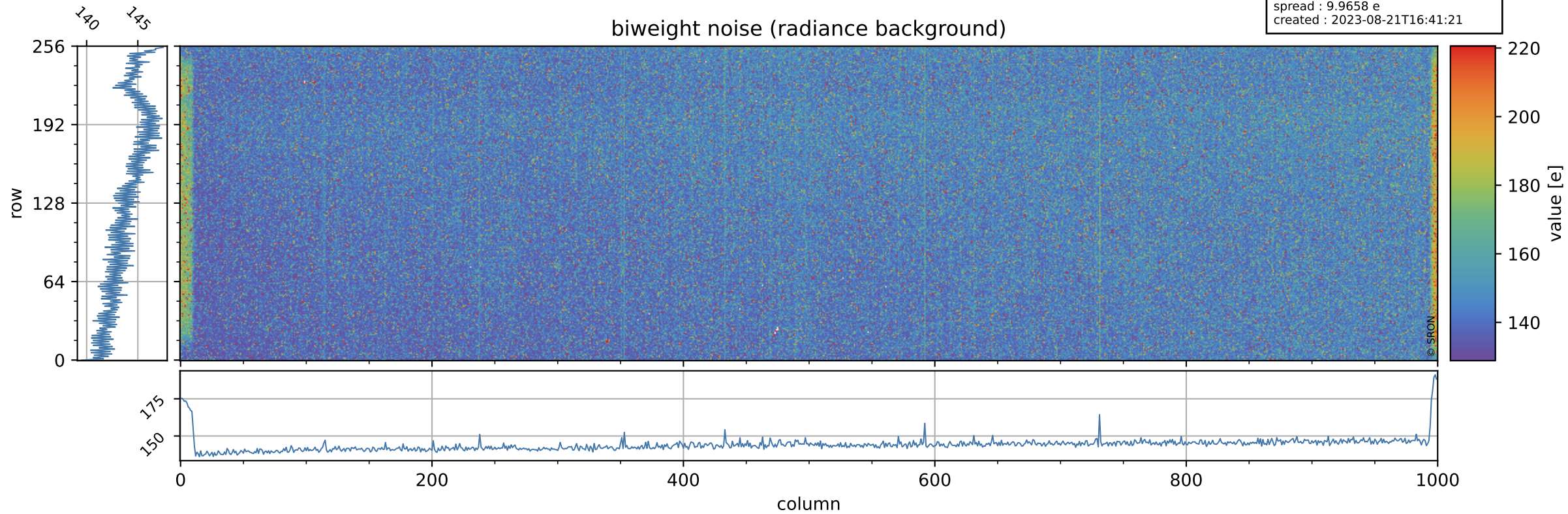
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9658 e
created : 2023-08-21T16:41:21

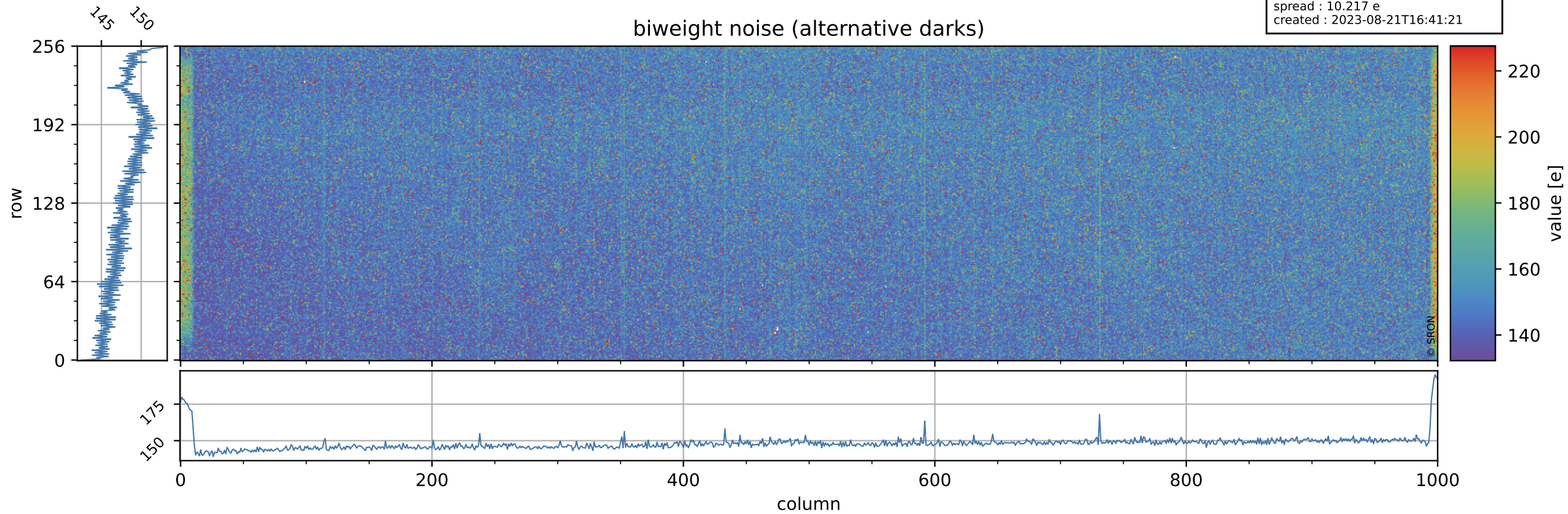
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.217 e
created : 2023-08-21T16:41:21

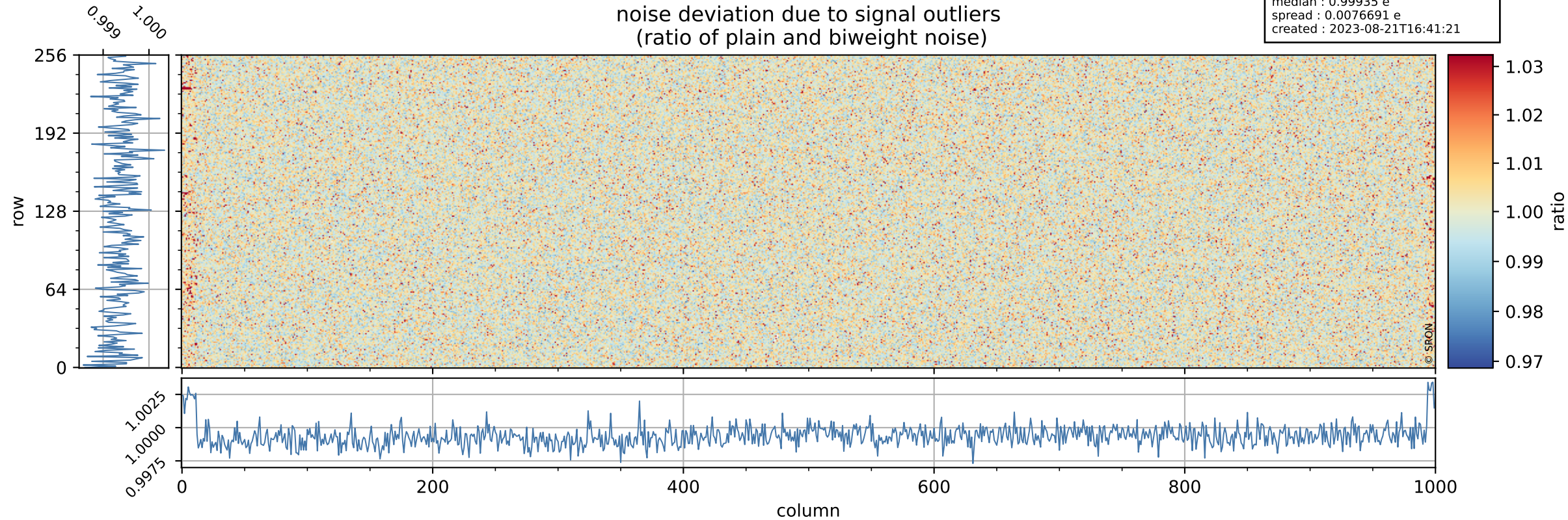
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

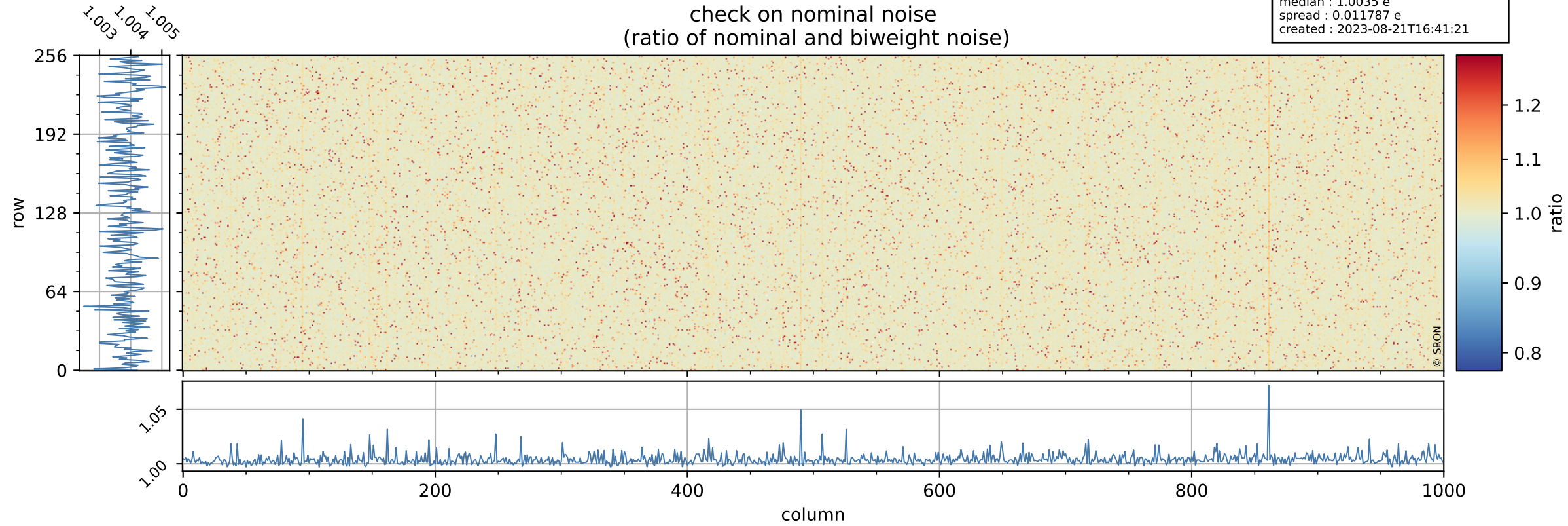
orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
median : 0.99935 e
spread : 0.0076691 e
created : 2023-08-21T16:41:21



Tropomi SWIR background noise (swir)

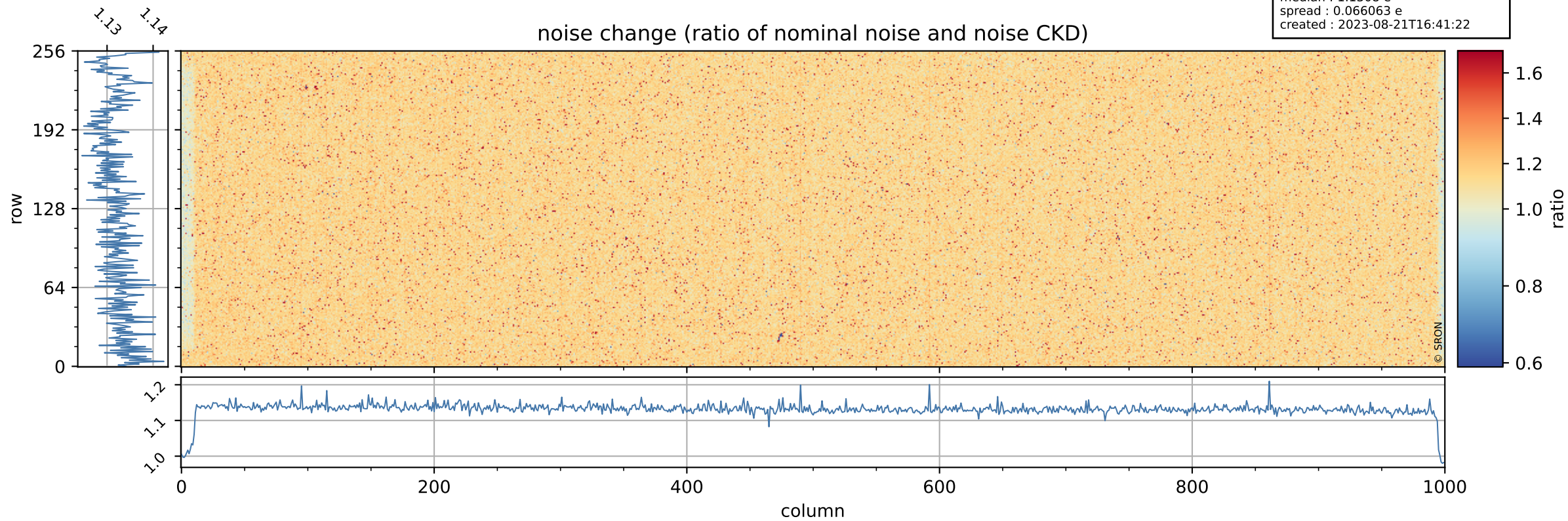
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
median : 1.0035 e
spread : 0.011787 e
created : 2023-08-21T16:41:21



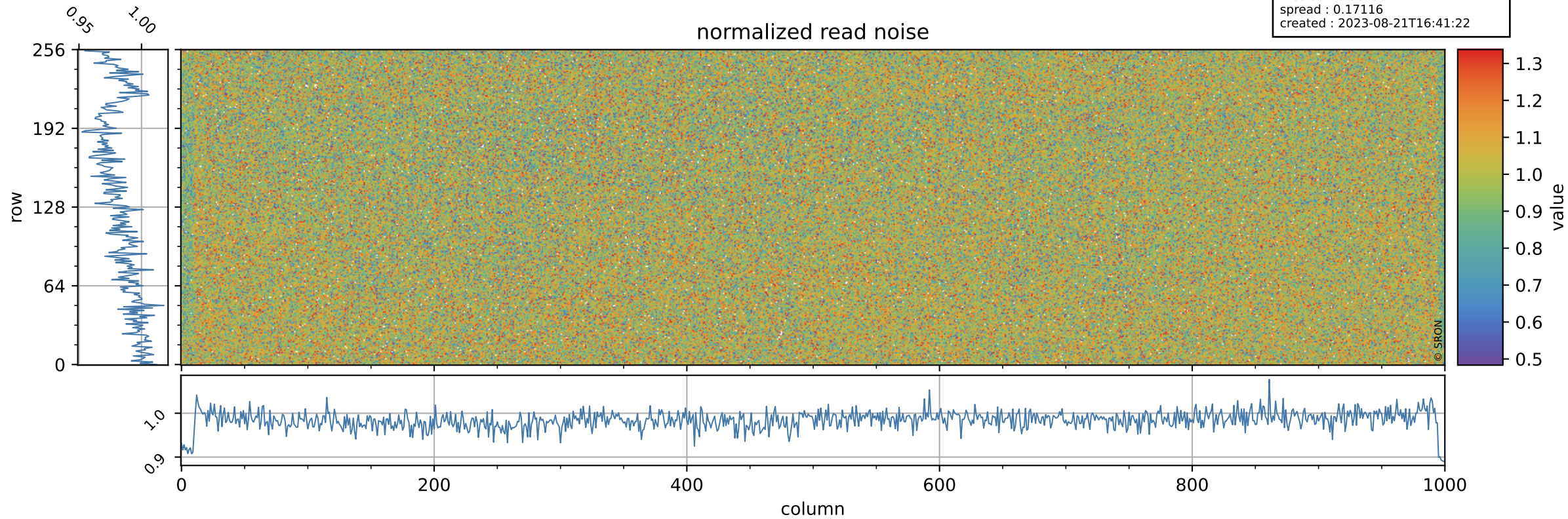
Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
median : 1.1308 e
spread : 0.066063 e
created : 2023-08-21T16:41:22



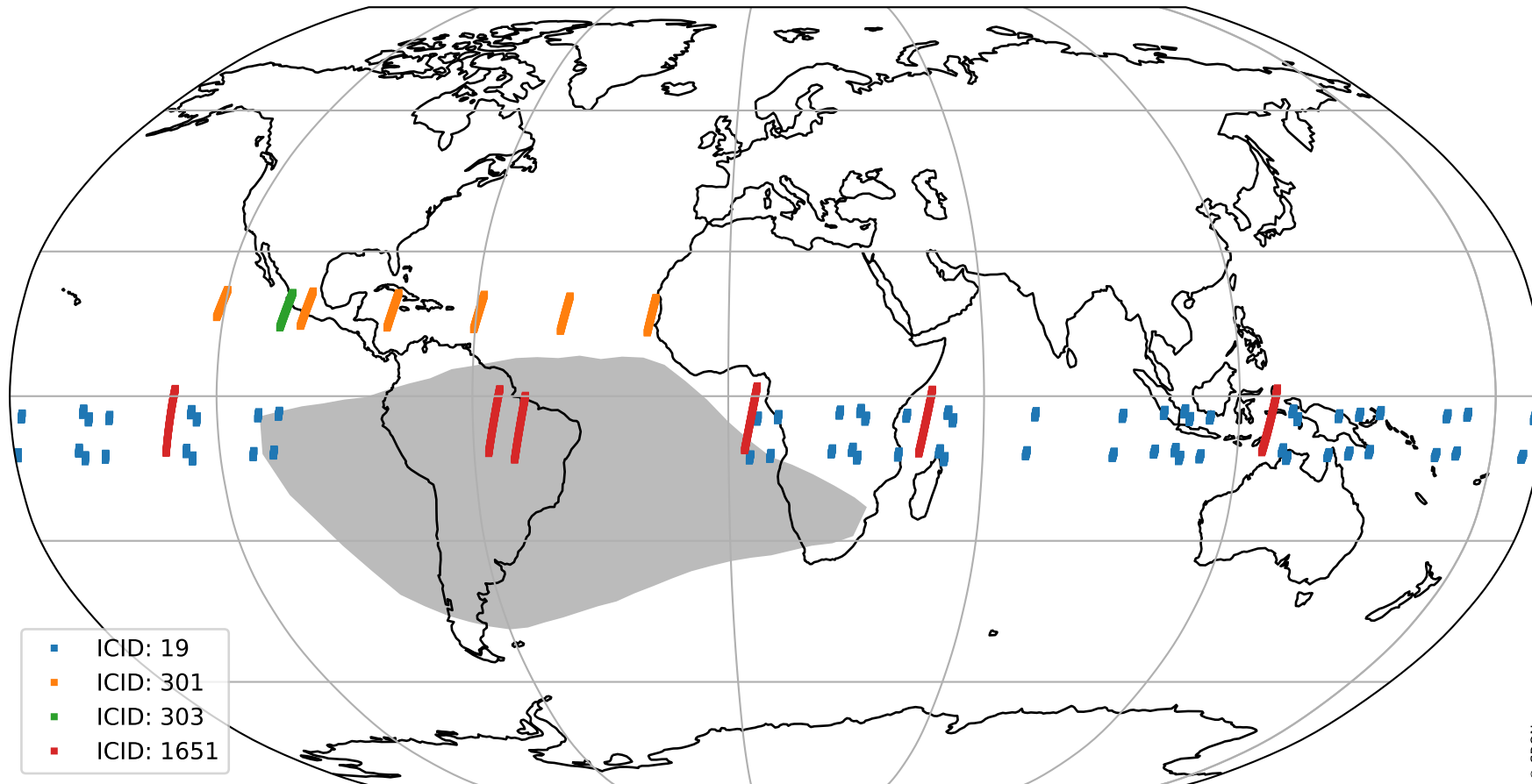
Tropomi SWIR background noise (swir)

orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
median : 0.98293
spread : 0.17116
created : 2023-08-21T16:41:22



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

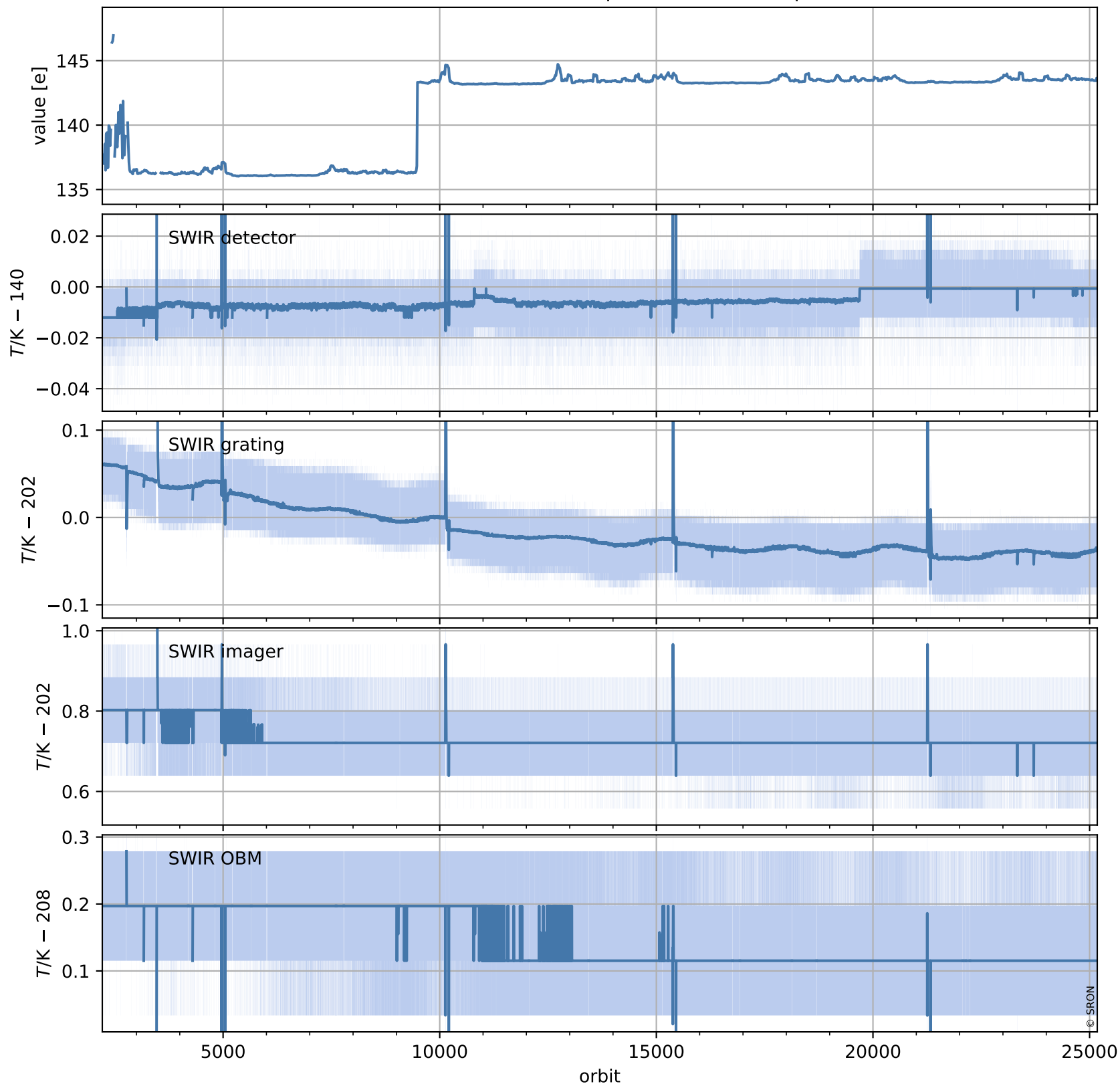
orbits : 13 in [25087, 25177]
coverage : 2022-08-17 / 2022-08-23
created : 2023-08-21T16:41:22



Tropomi SWIR background noise (swir)

orbits : [2212, 25177]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:23

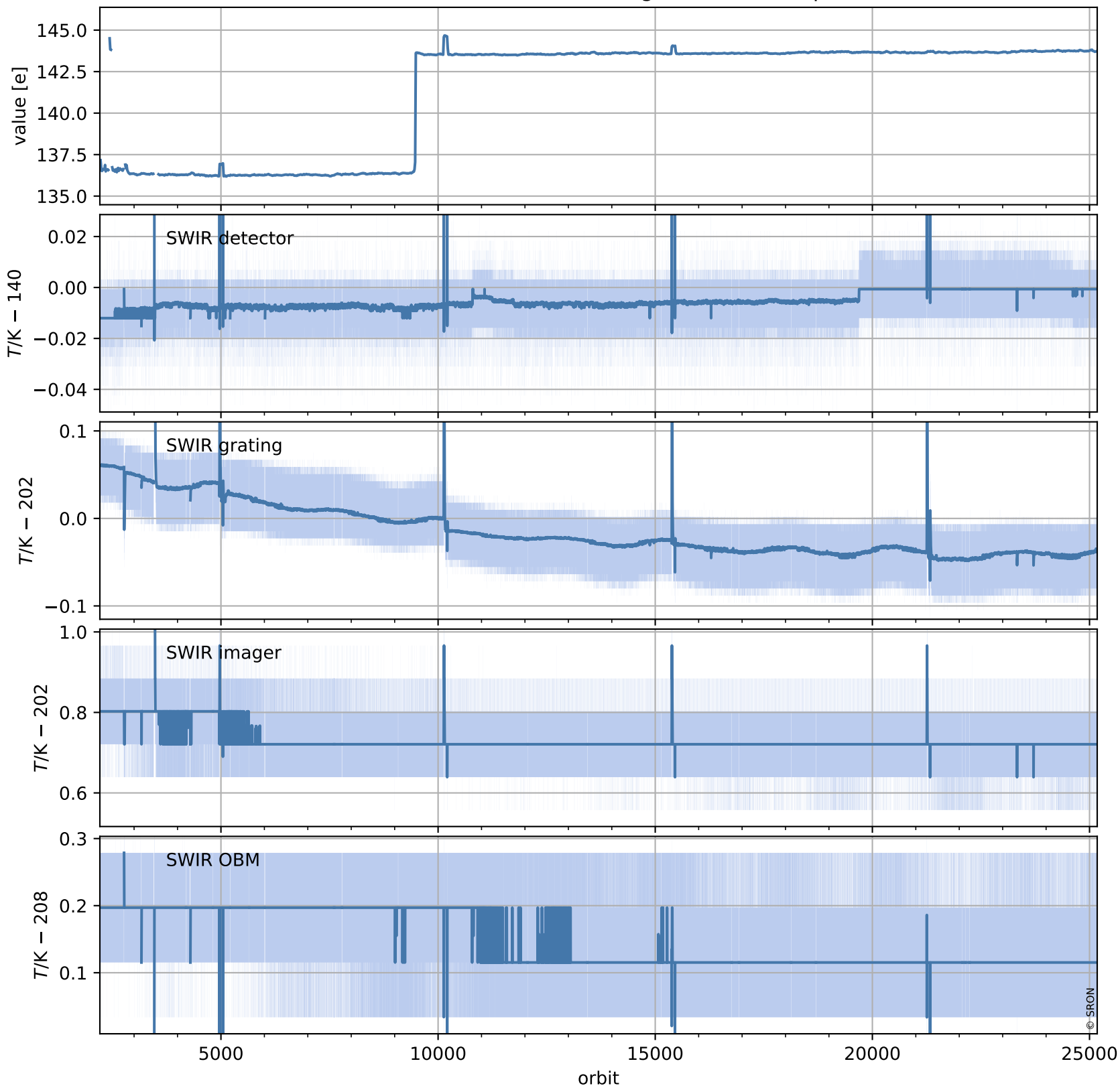
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25177]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25177]
coverage : 2018-03-18 / 2022-08-23
created : 2023-08-21T16:41:24

trend of normalized read-noise & temperatures

