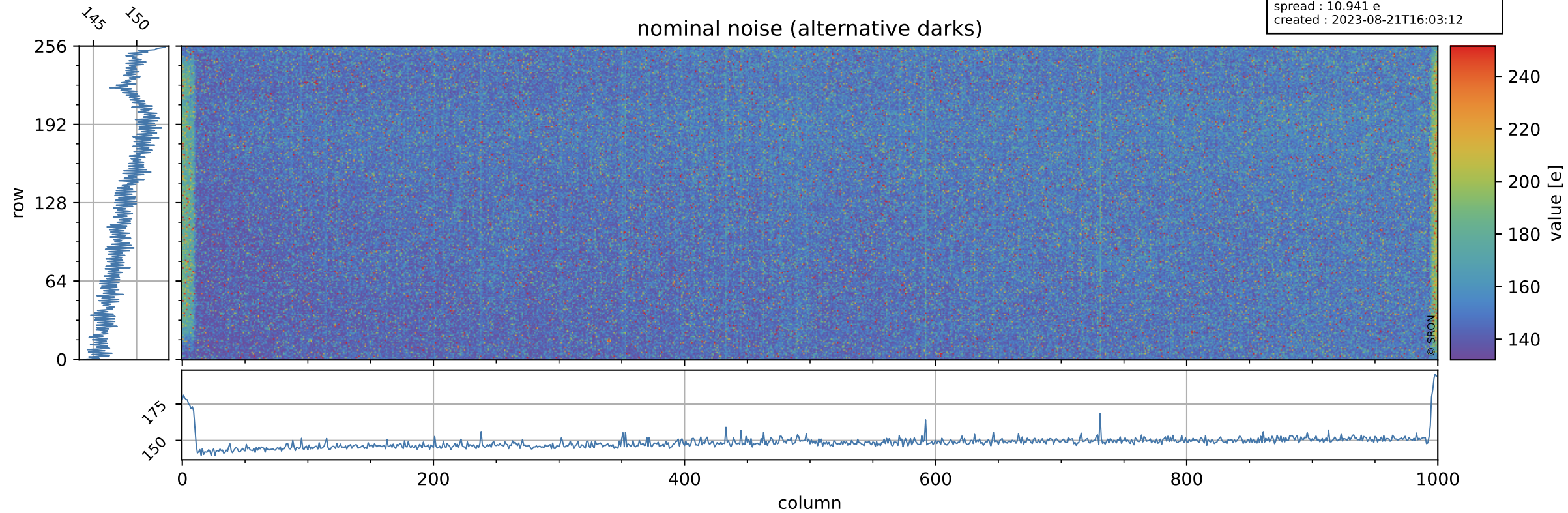


Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.941 e
created : 2023-08-21T16:03:12

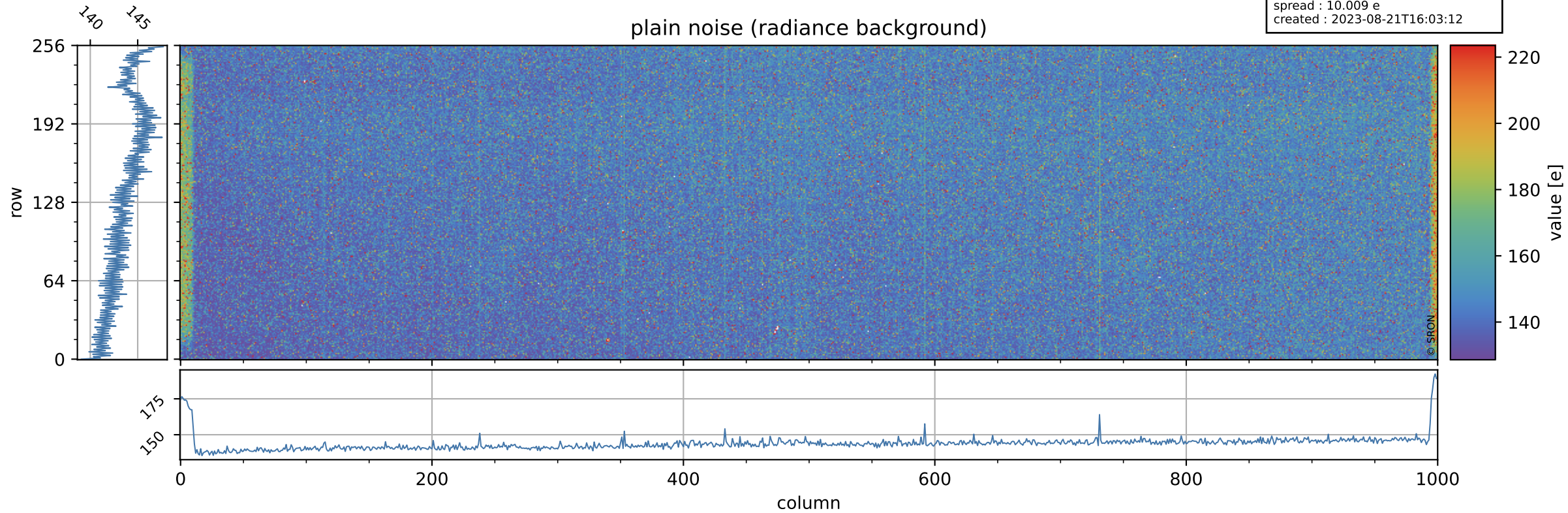
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 10.009 e
created : 2023-08-21T16:03:12

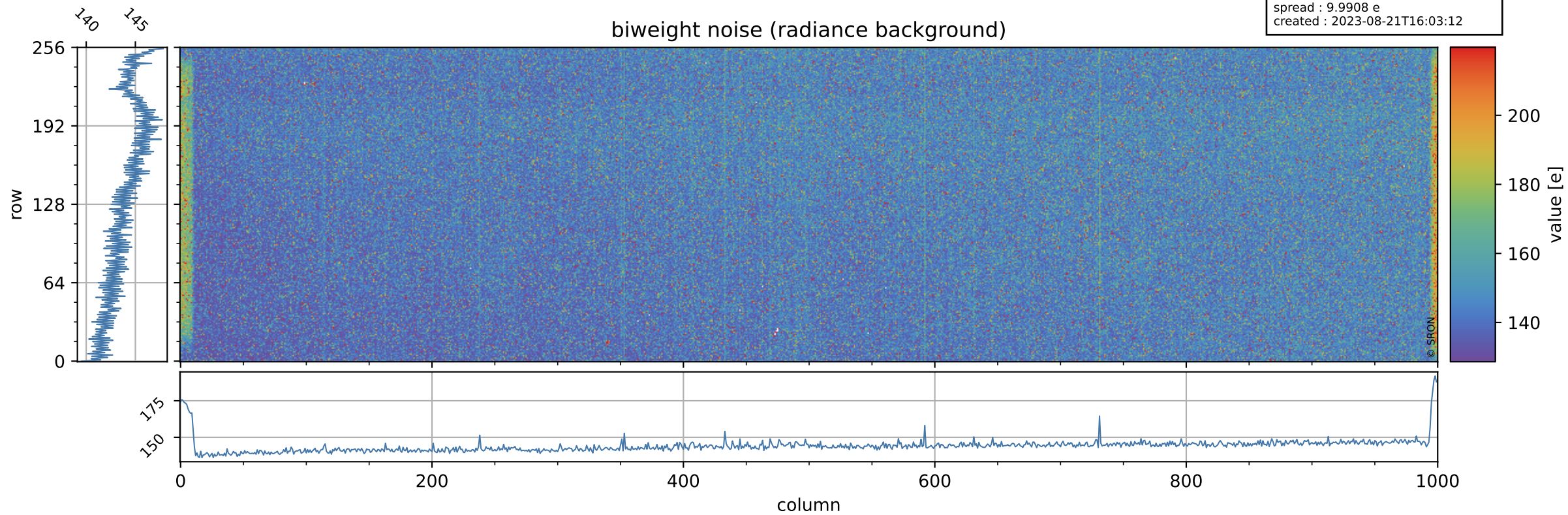
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9908 e
created : 2023-08-21T16:03:12

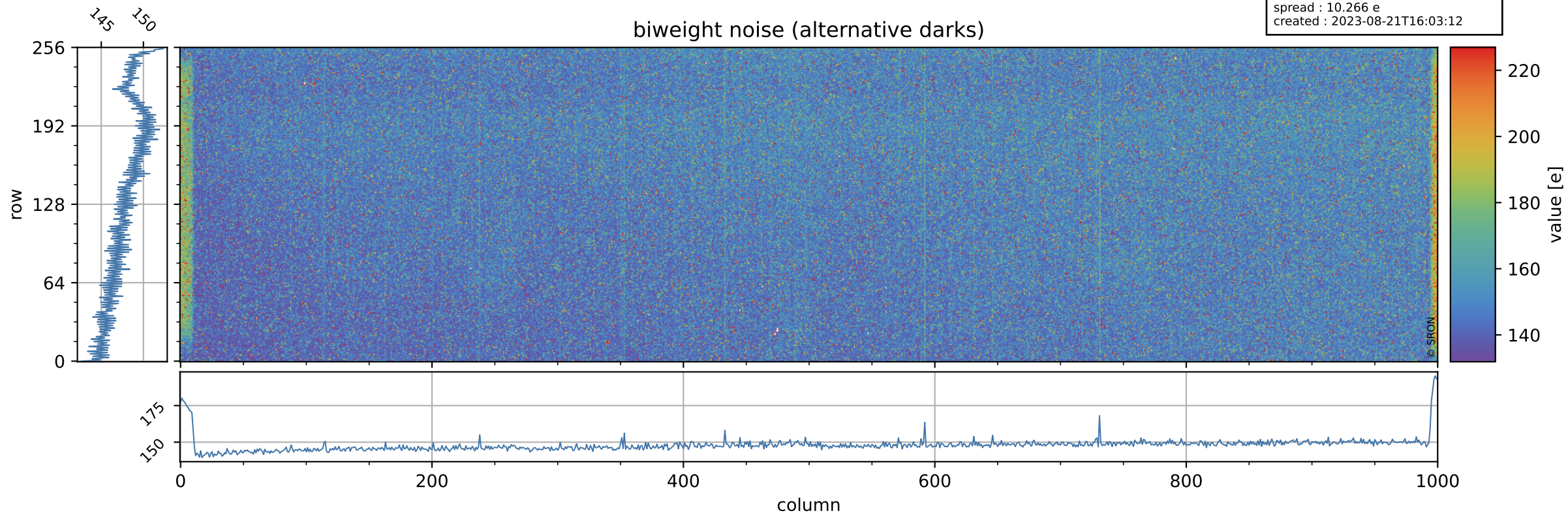
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.266 e
created : 2023-08-21T16:03:12

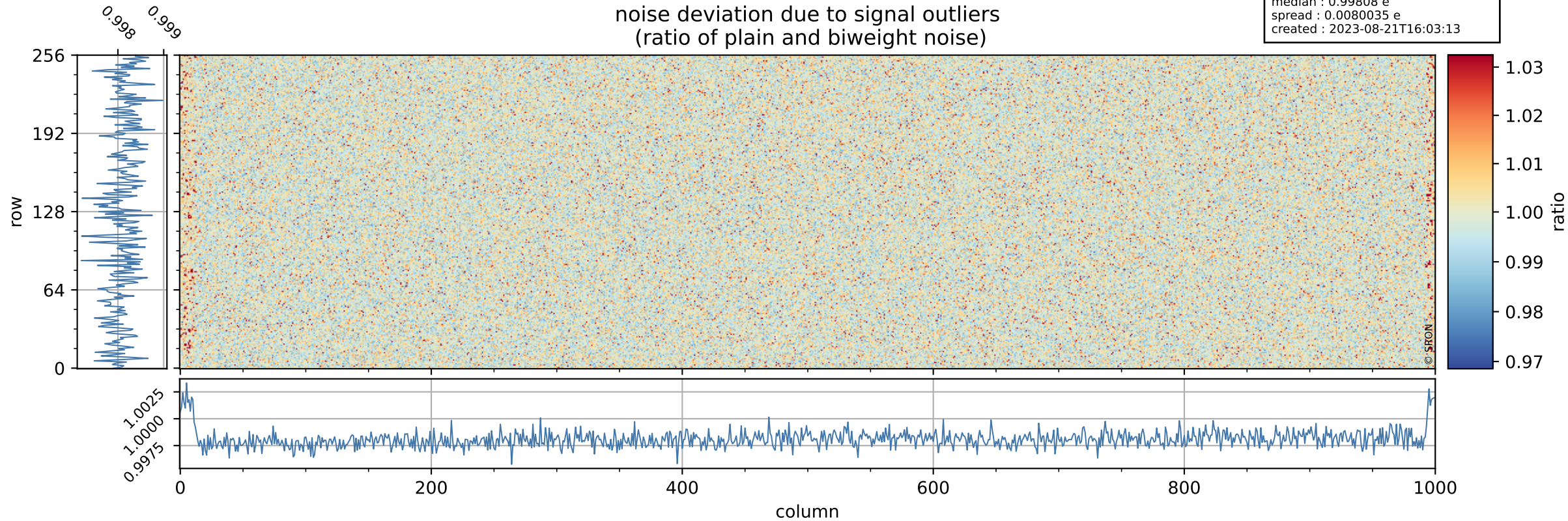
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

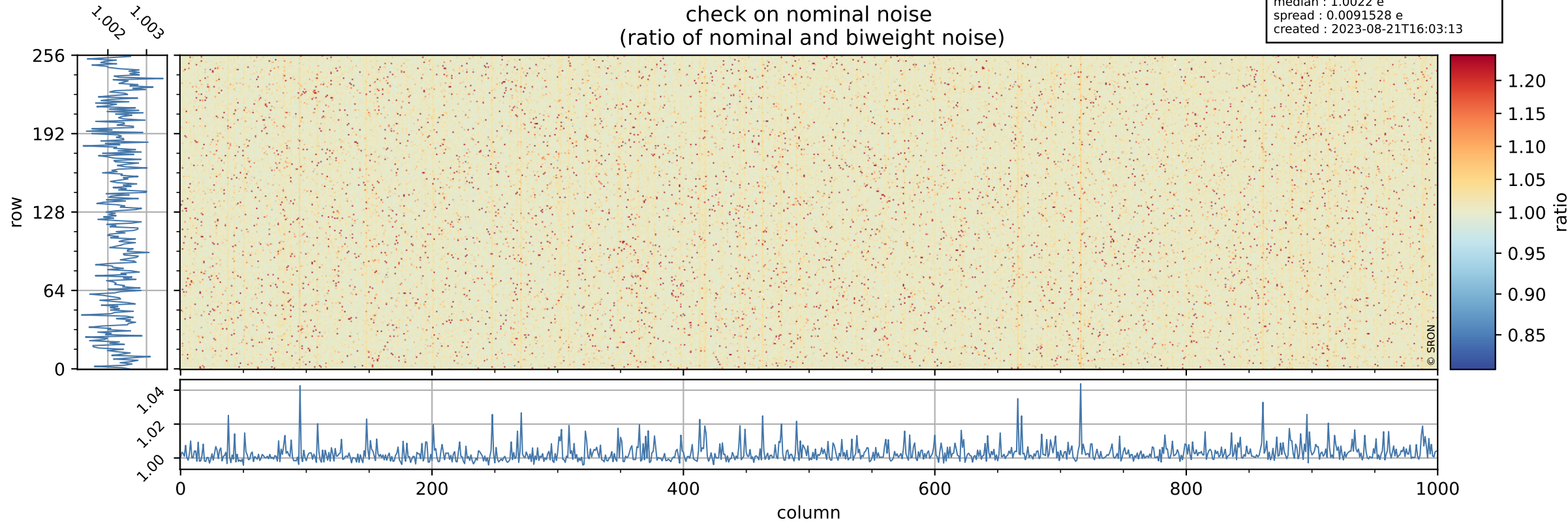
orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
median : 0.99808 e
spread : 0.0080035 e
created : 2023-08-21T16:03:13



Tropomi SWIR background noise (swir)

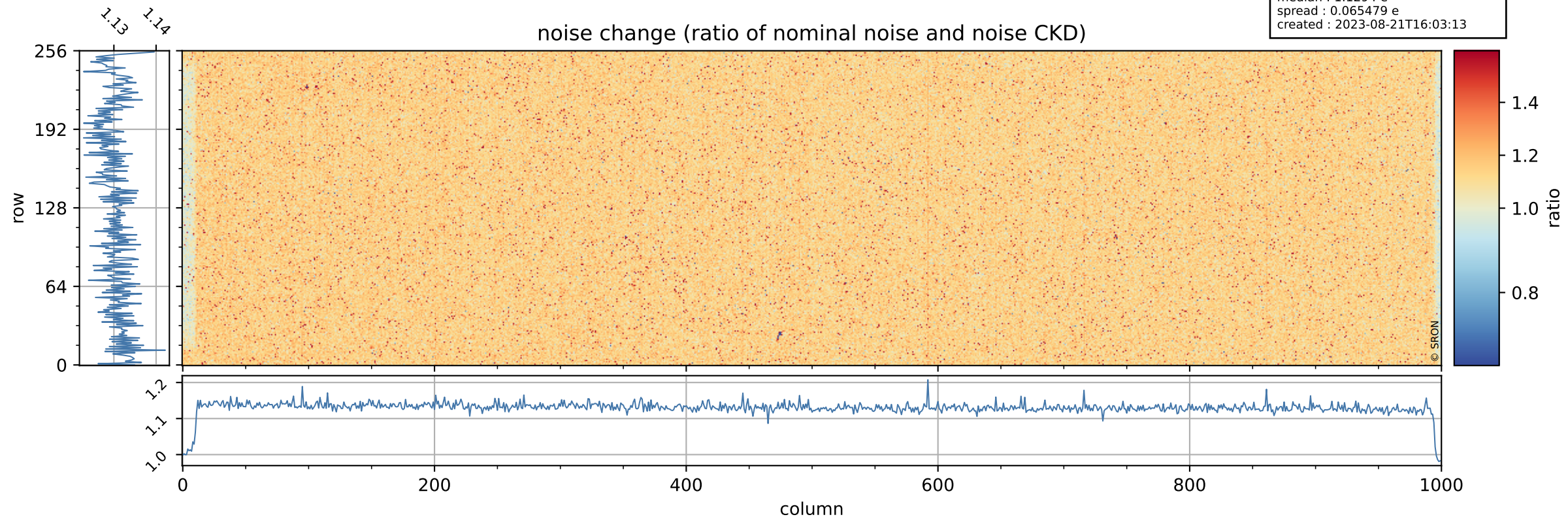
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
median : 1.0022 e
spread : 0.0091528 e
created : 2023-08-21T16:03:13



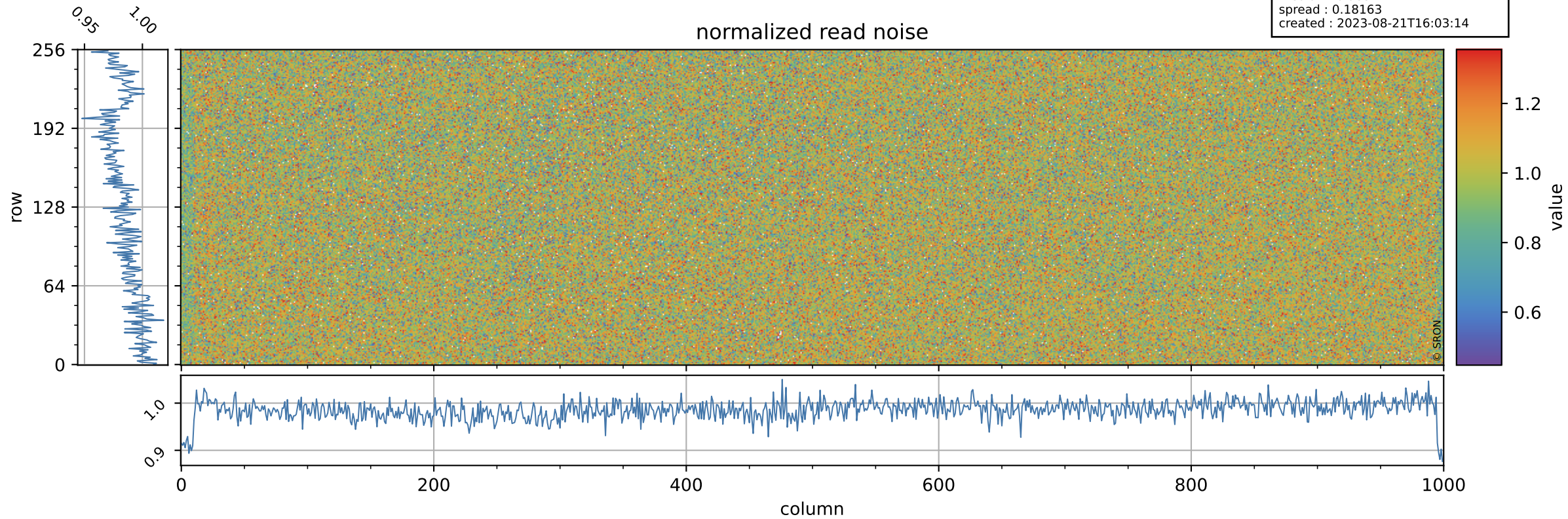
Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
median : 1.1294 e
spread : 0.065479 e
created : 2023-08-21T16:03:13



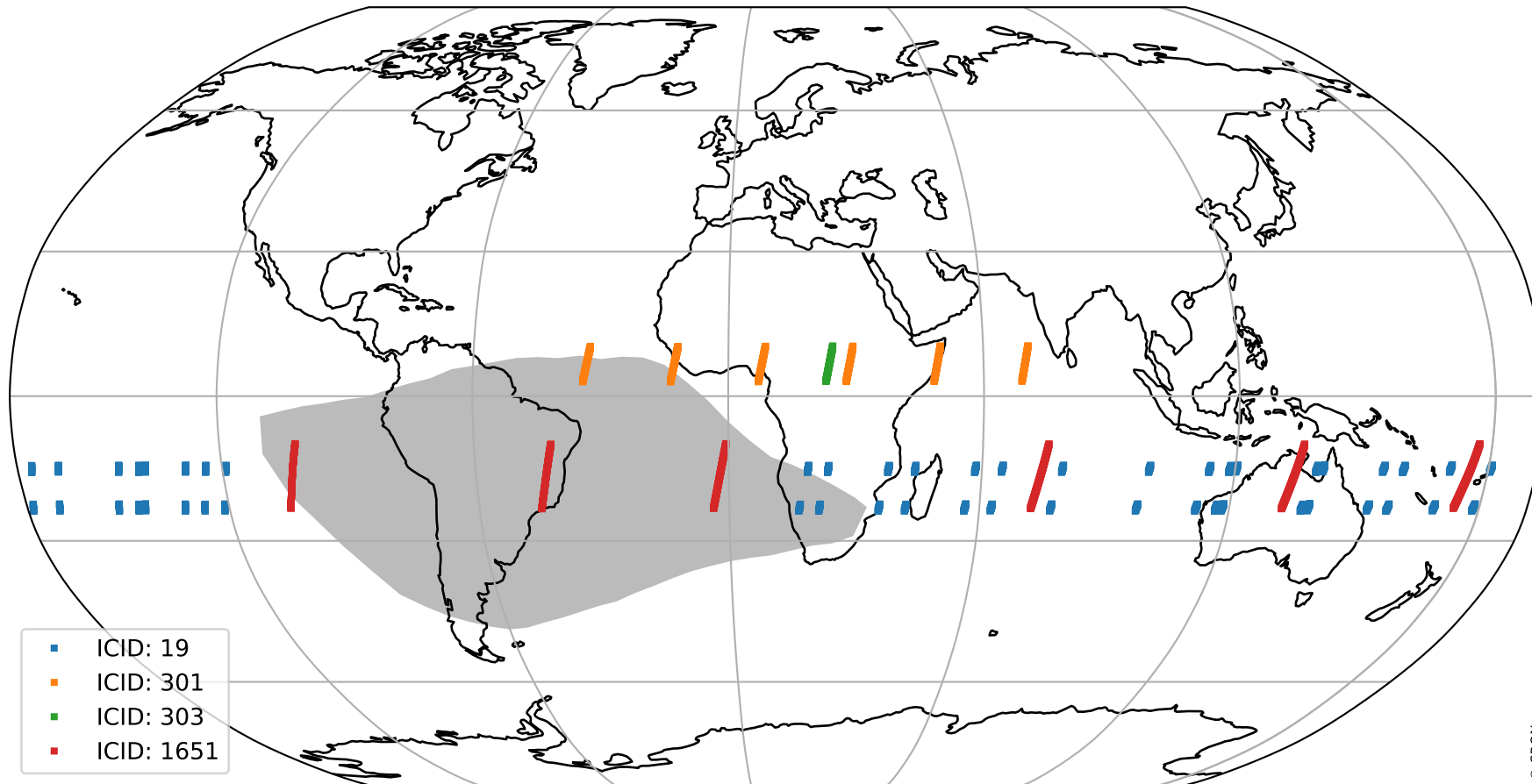
Tropomi SWIR background noise (swir)

orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
median : 0.98347
spread : 0.18163
created : 2023-08-21T16:03:14



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

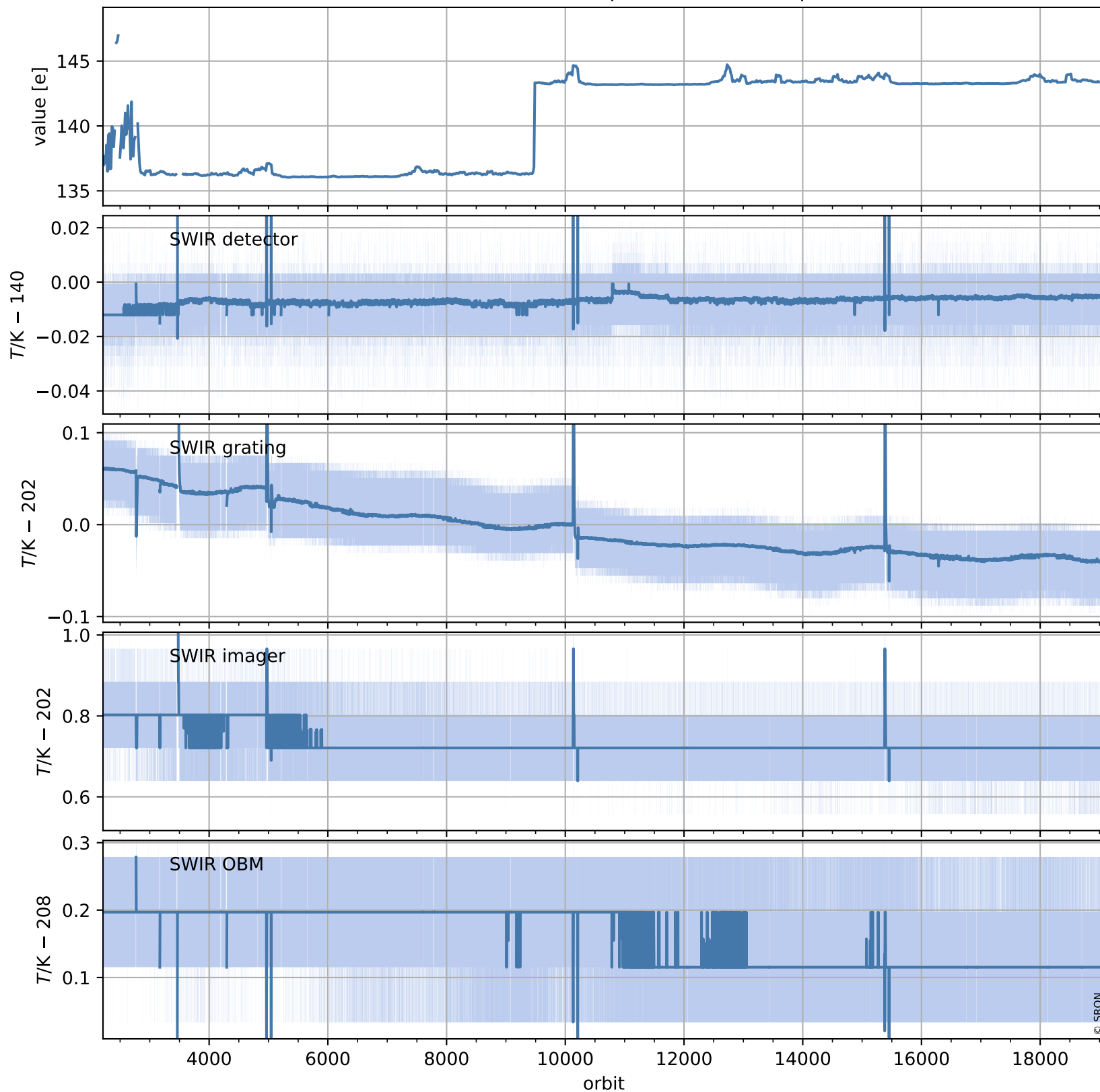
orbits : 13 in [19012, 19087]
coverage : 2021-06-13 / 2021-06-19
created : 2023-08-21T16:03:14



Tropomi SWIR background noise (swir)

orbits : [2212, 19087]
coverage : 2018-03-18 / 2021-06-19
created : 2023-08-21T16:03:14

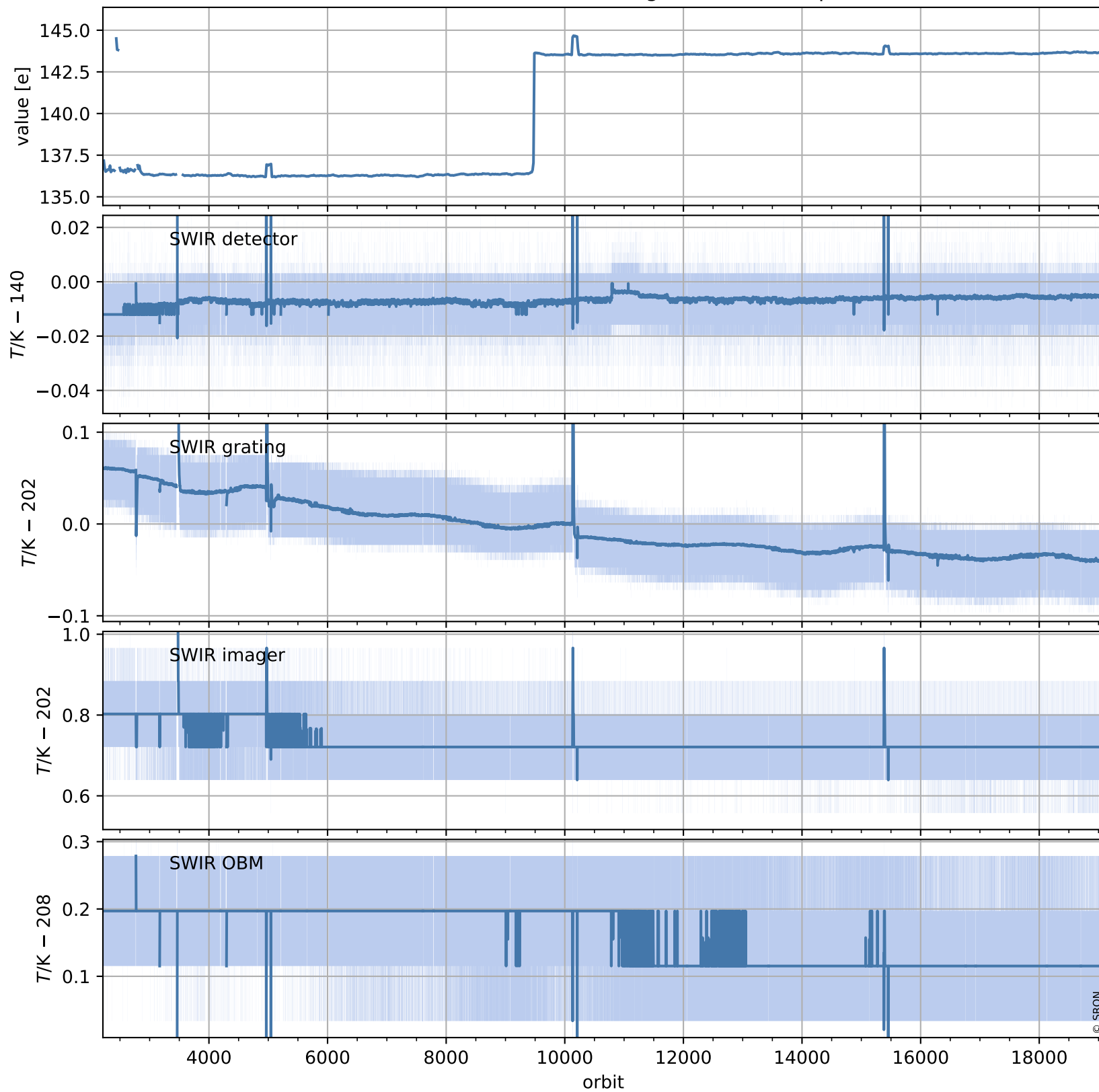
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19087]
coverage : 2018-03-18 / 2021-06-19
created : 2023-08-21T16:03:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19087]
coverage : 2018-03-18 / 2021-06-19
created : 2023-08-21T16:03:16

trend of normalized read-noise & temperatures

