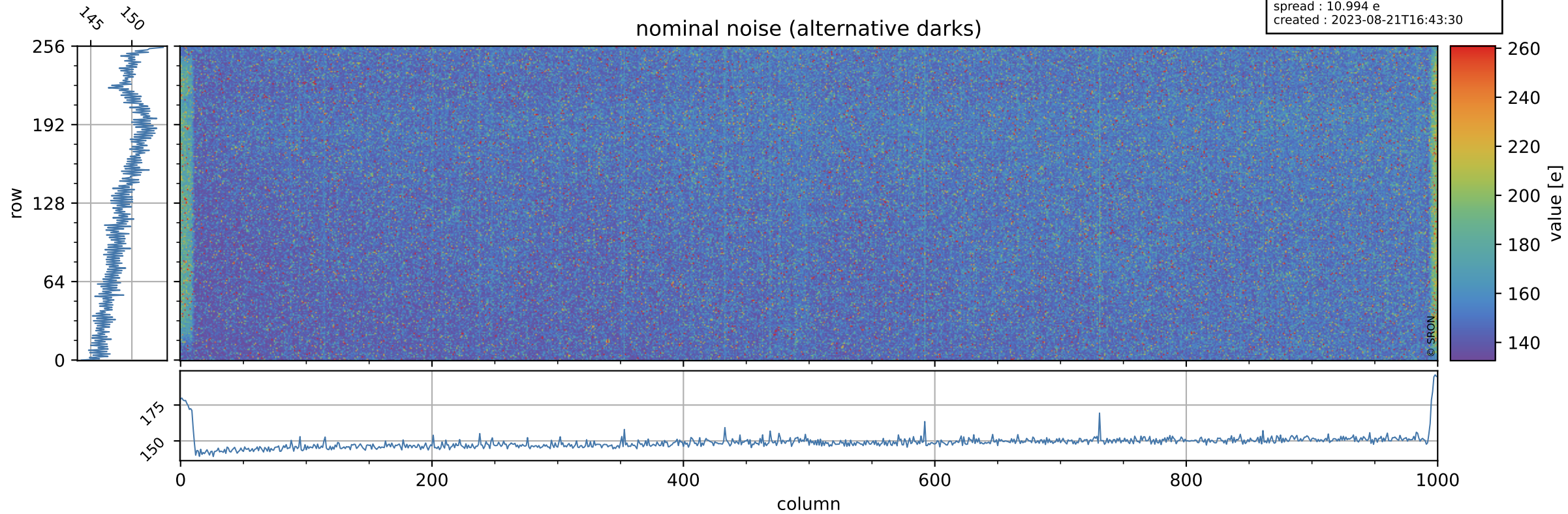


Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 10.994 e
created : 2023-08-21T16:43:30

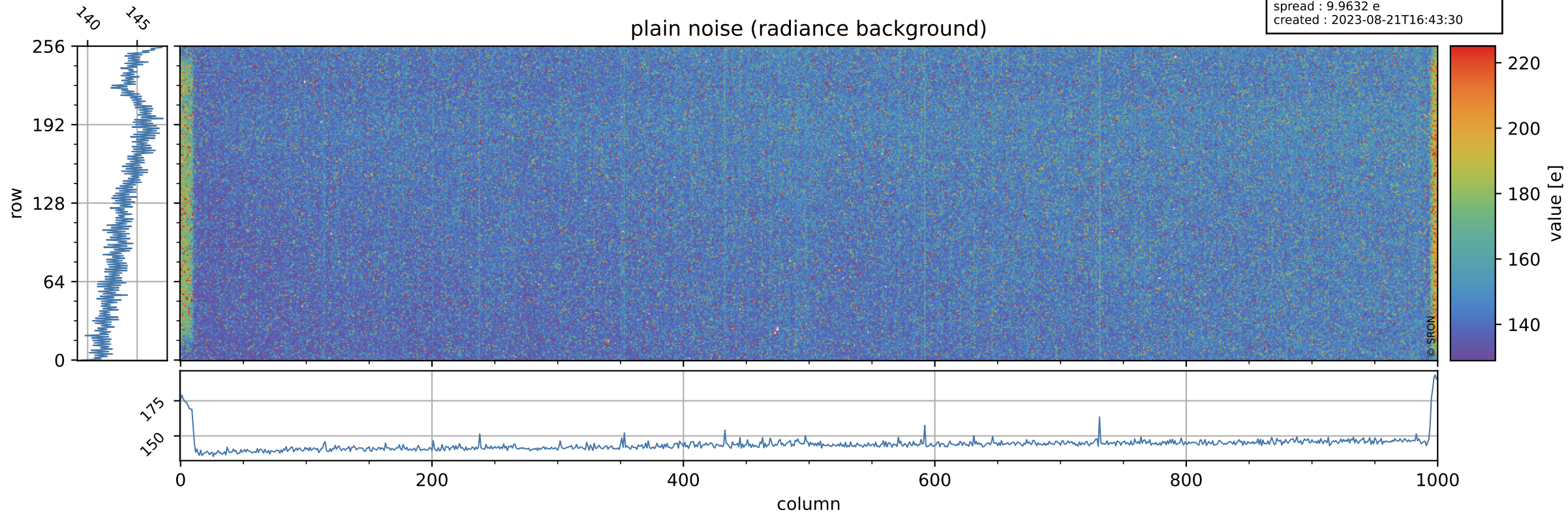
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9632 e
created : 2023-08-21T16:43:30

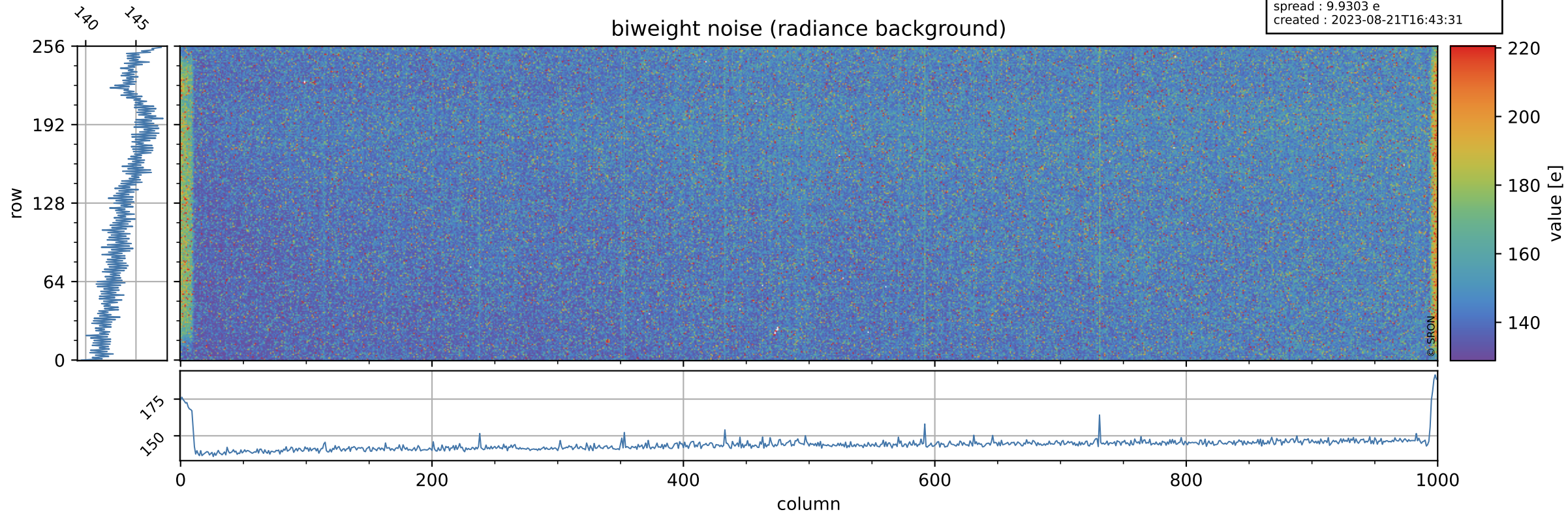
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9303 e
created : 2023-08-21T16:43:31

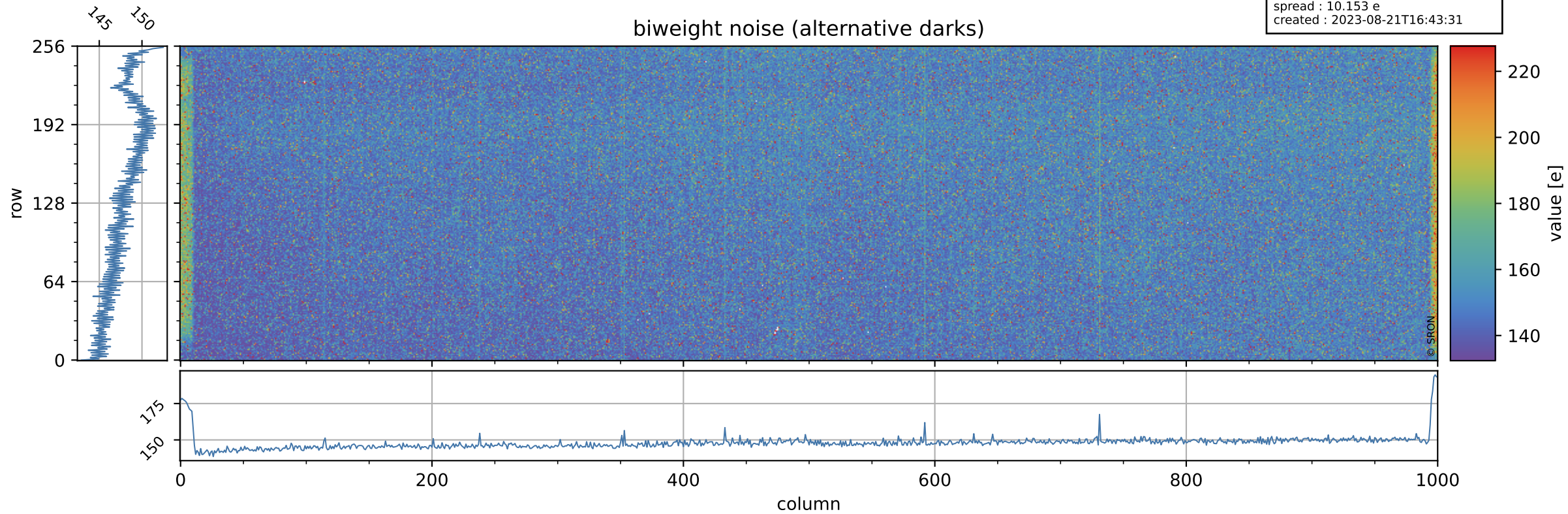
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.153 e
created : 2023-08-21T16:43:31

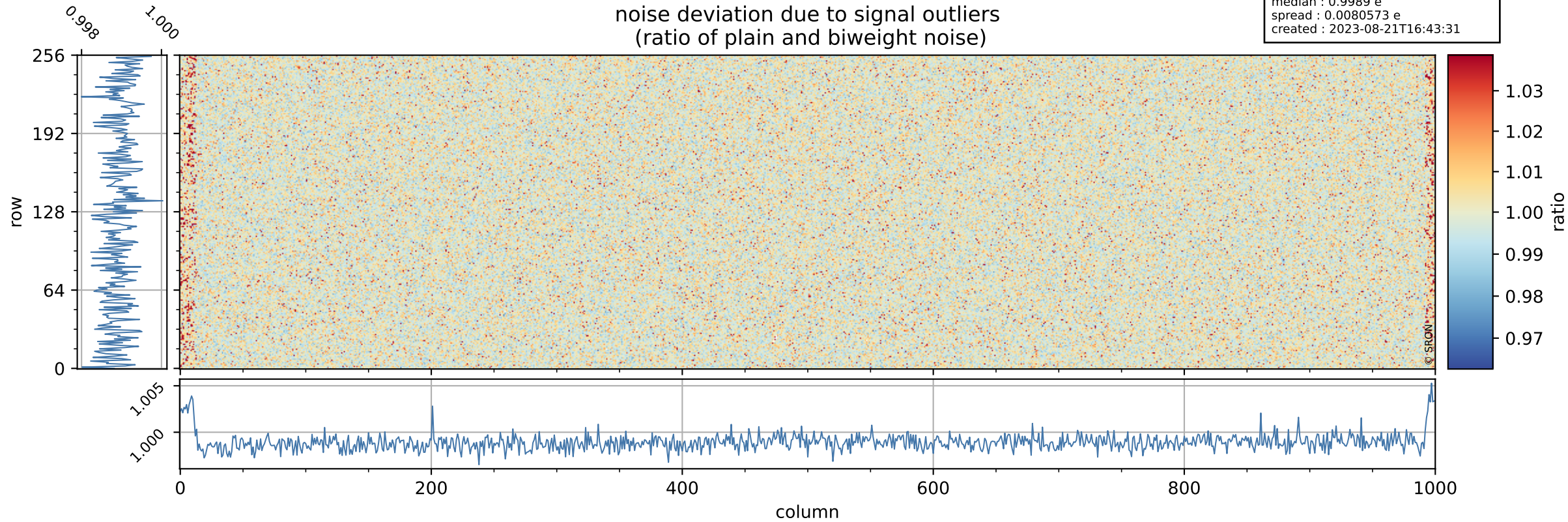
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

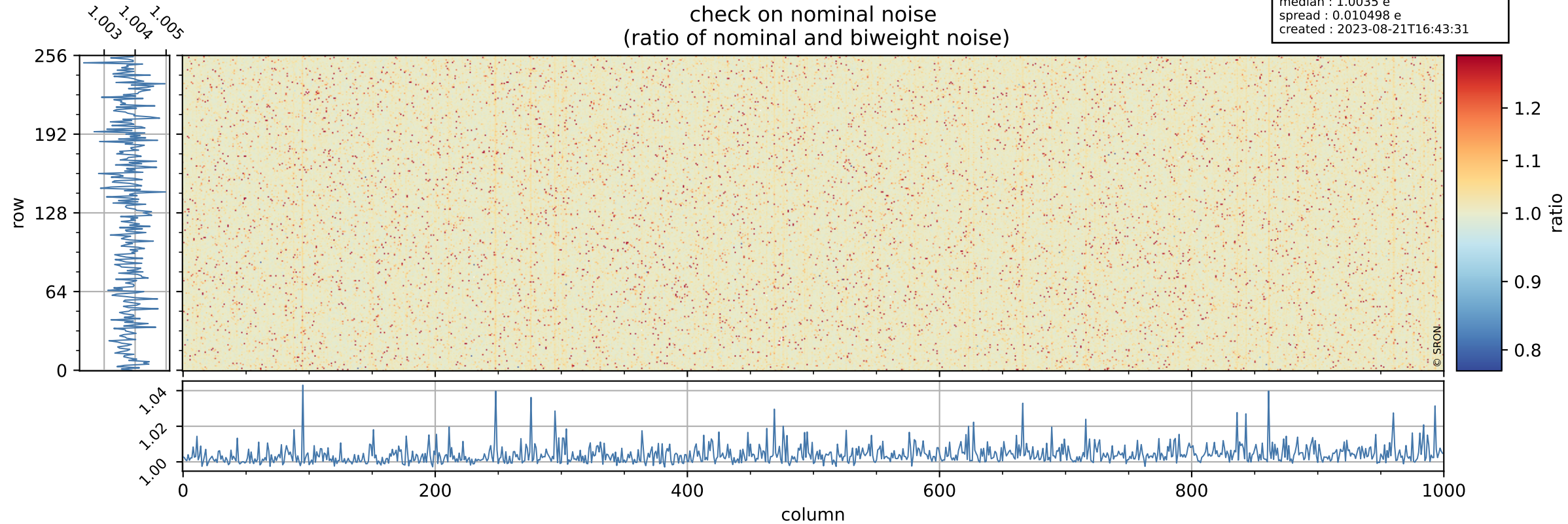
orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
median : 0.9989 e
spread : 0.0080573 e
created : 2023-08-21T16:43:31



Tropomi SWIR background noise (swir)

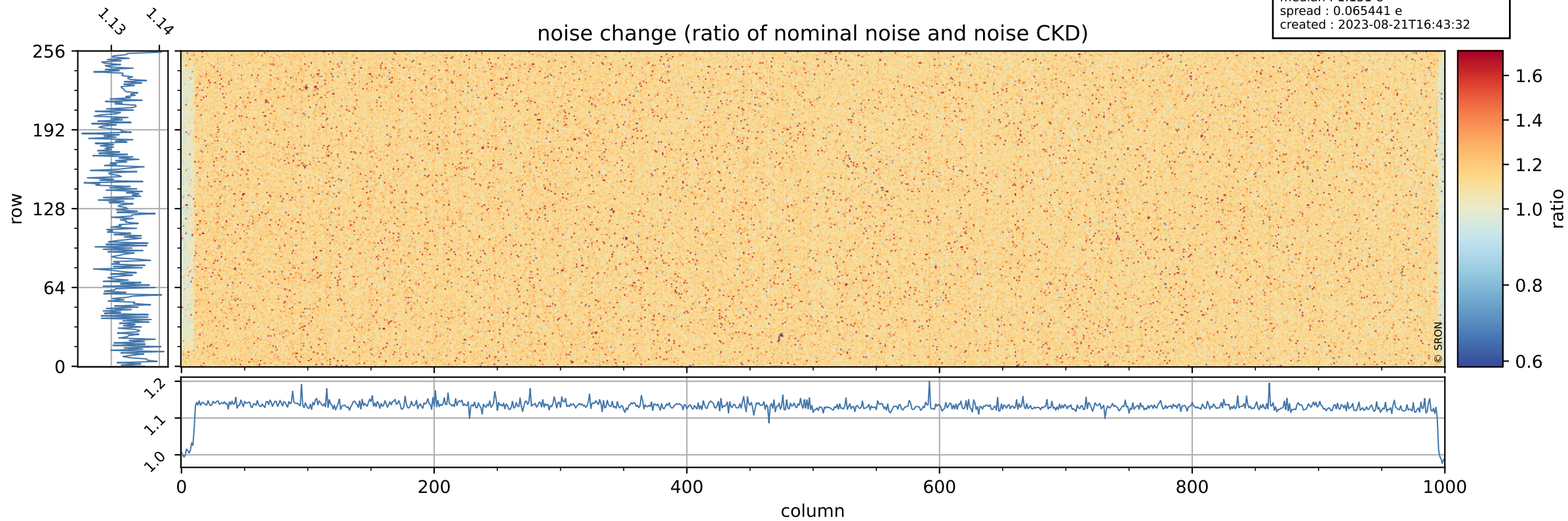
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
median : 1.0035 e
spread : 0.010498 e
created : 2023-08-21T16:43:31



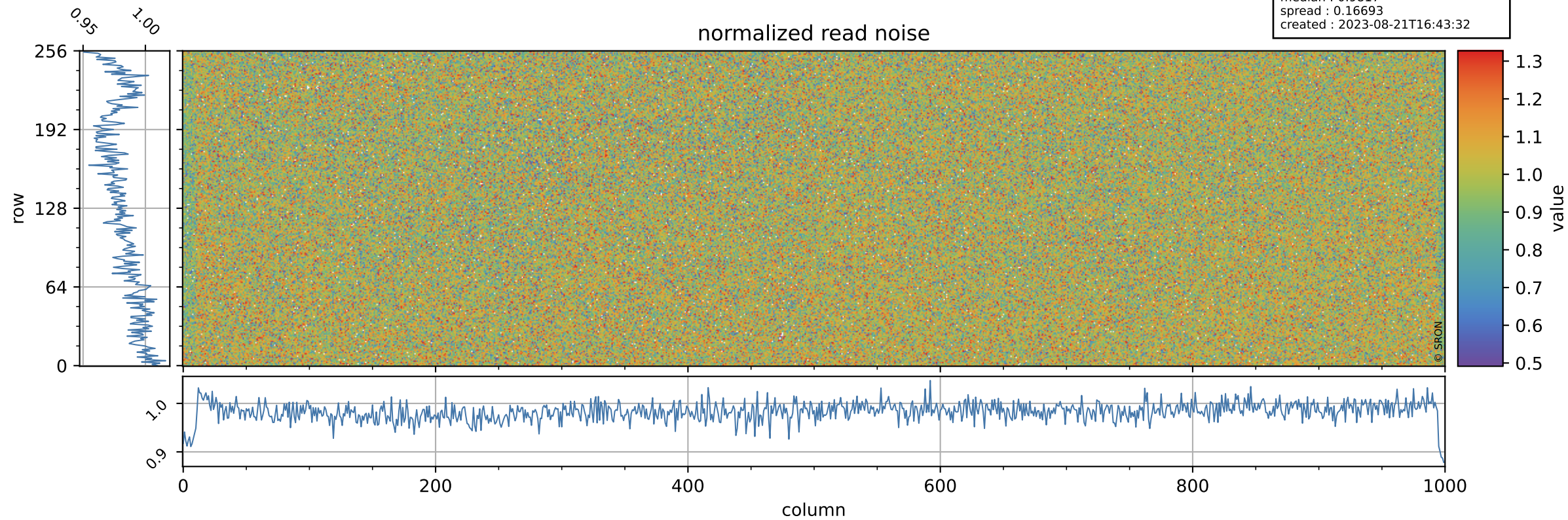
Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
median : 1.131 e
spread : 0.065441 e
created : 2023-08-21T16:43:32



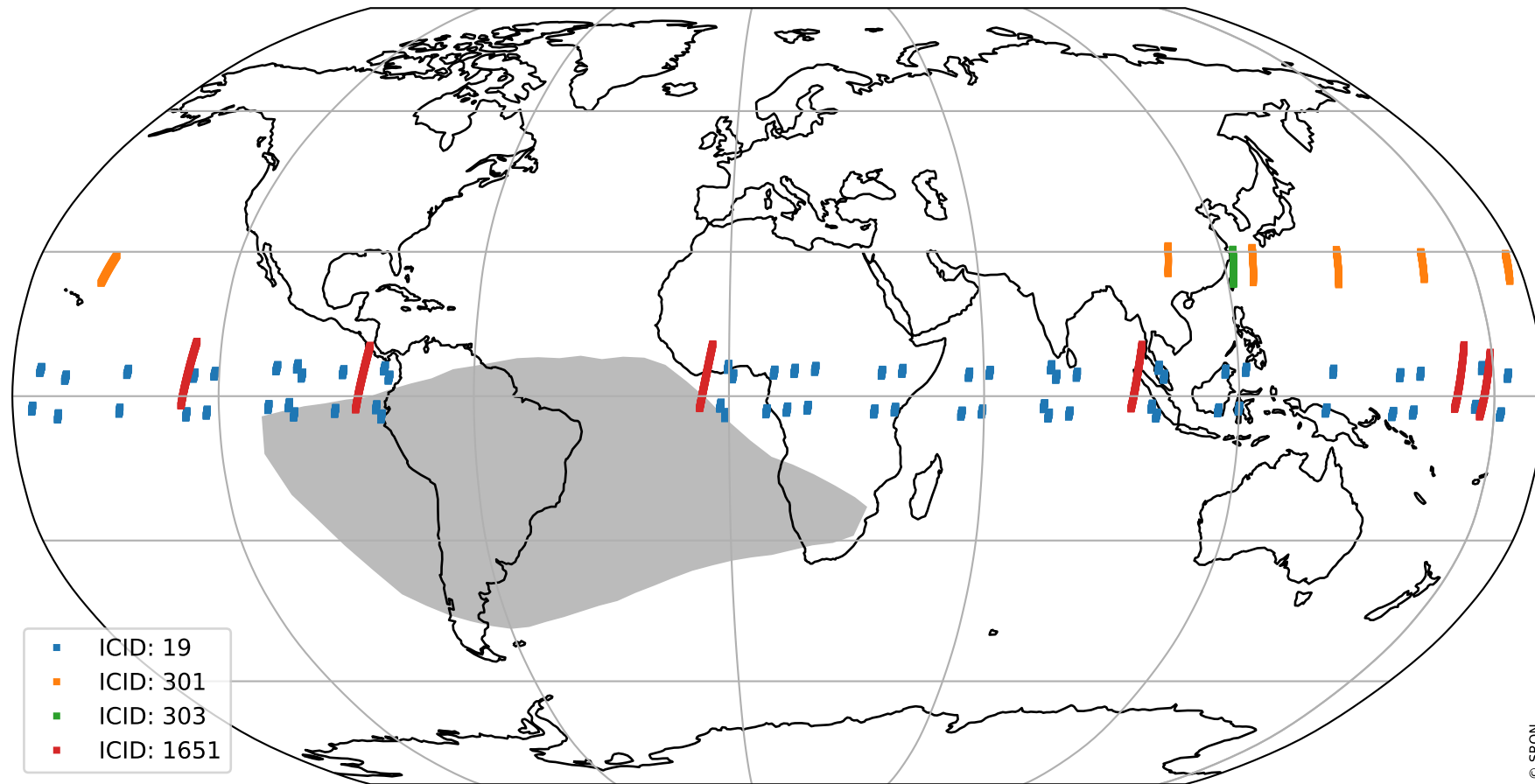
Tropomi SWIR background noise (swir)

orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
median : 0.9817
spread : 0.16693
created : 2023-08-21T16:43:32



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

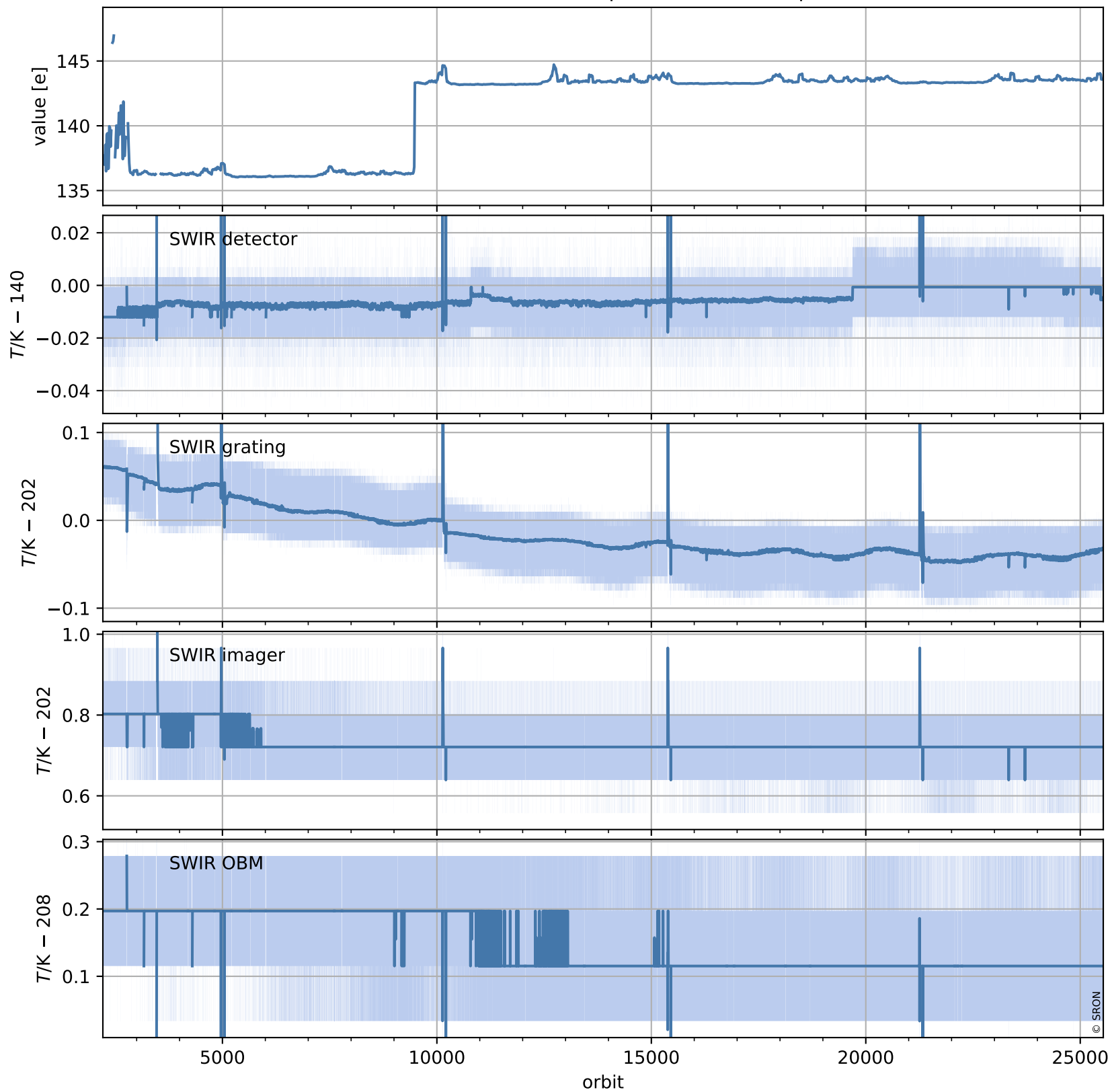
orbits : 13 in [25447, 25537]
coverage : 2022-09-11 / 2022-09-17
created : 2023-08-21T16:43:32



Tropomi SWIR background noise (swir)

orbits : [2212, 25537]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:33

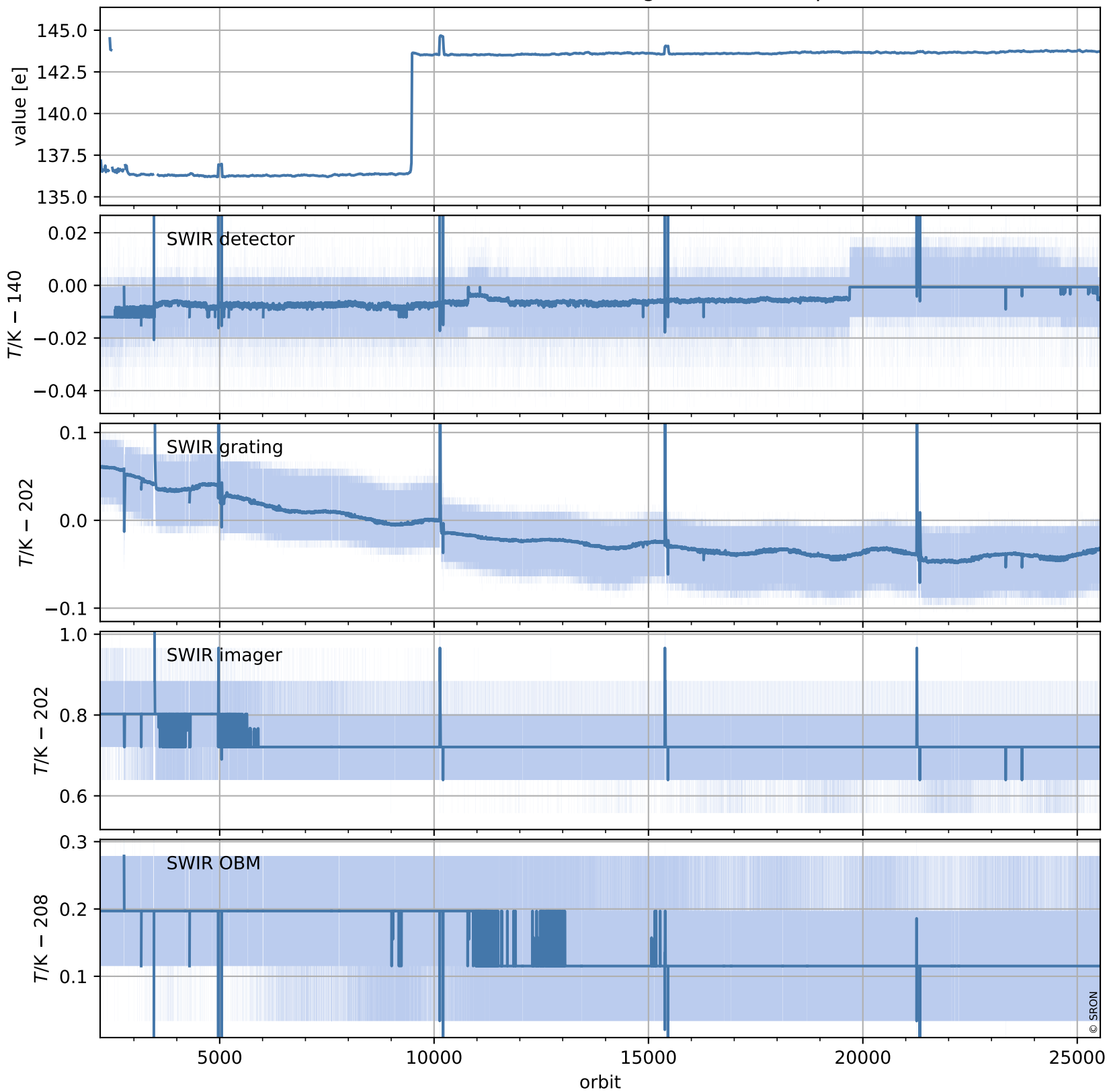
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25537]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25537]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:34

trend of normalized read-noise & temperatures

