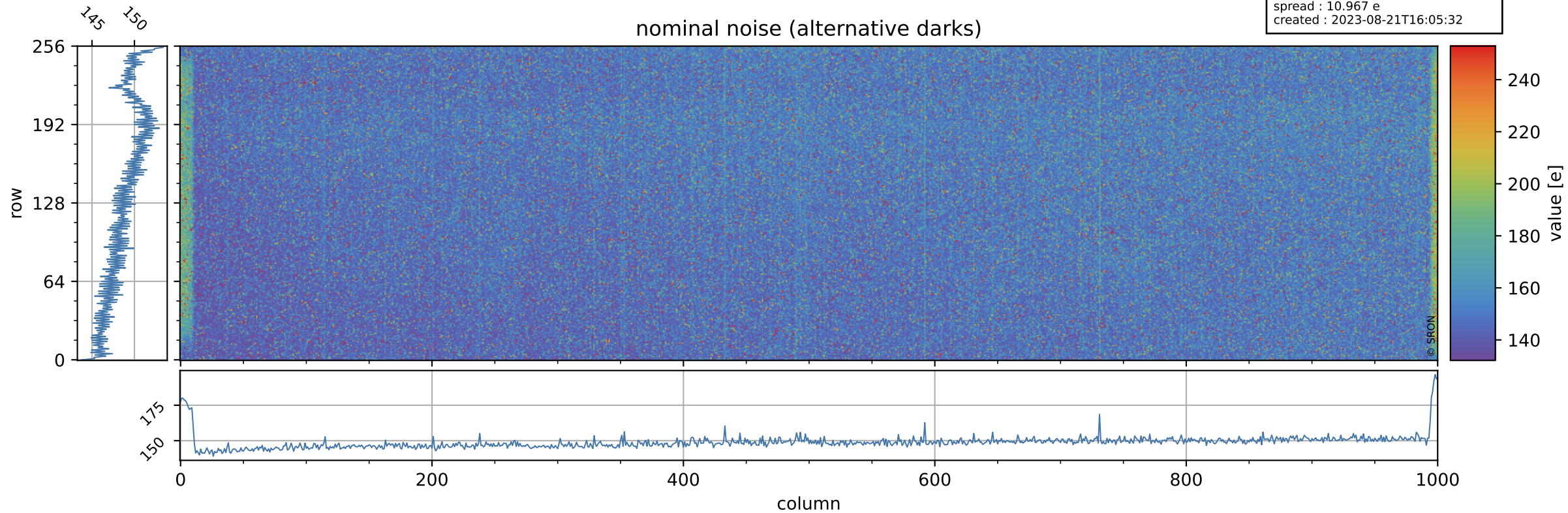


Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.967 e
created : 2023-08-21T16:05:32

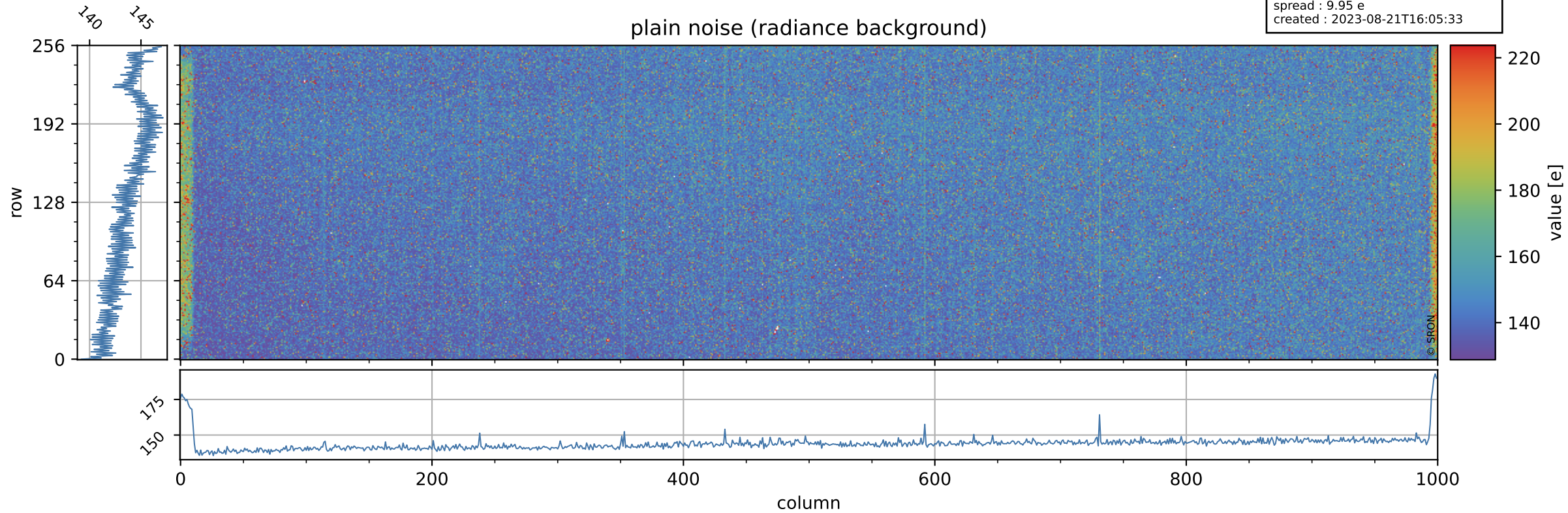
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.95 e
created : 2023-08-21T16:05:33

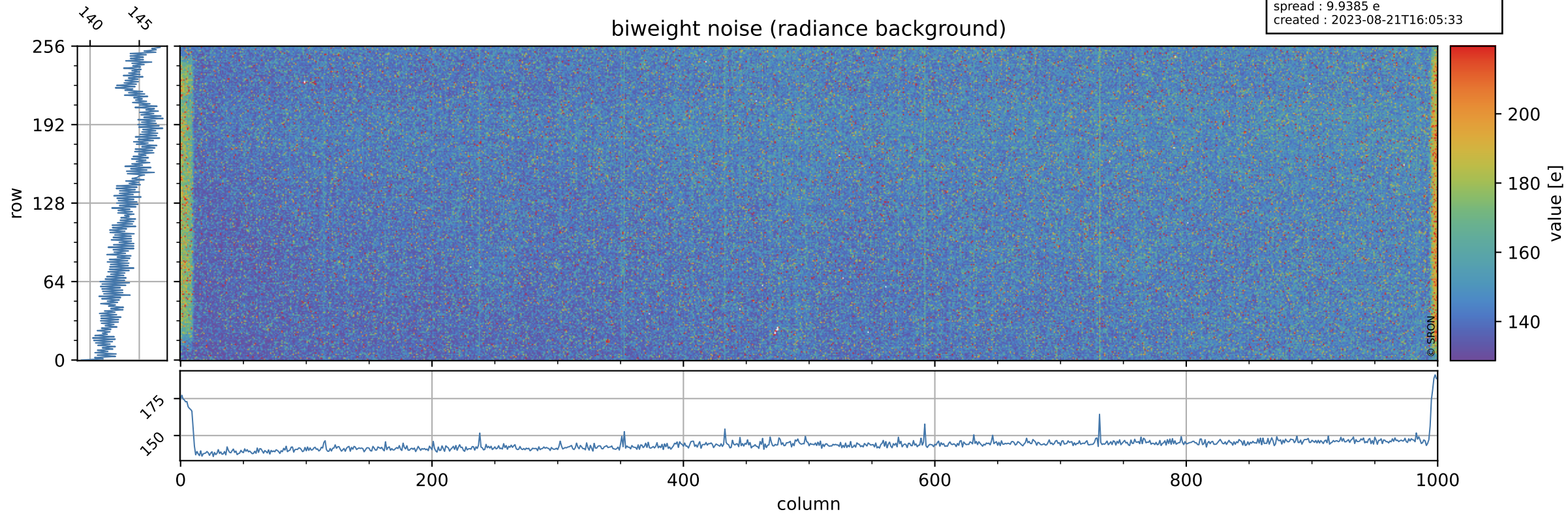
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9385 e
created : 2023-08-21T16:05:33

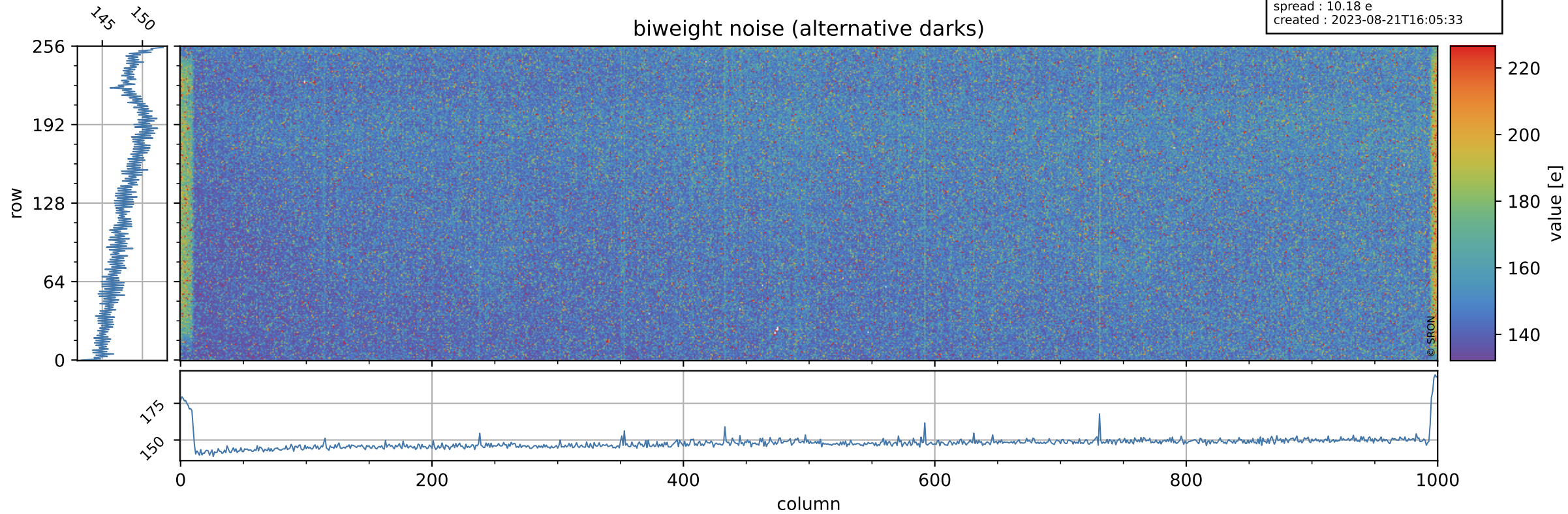
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.18 e
created : 2023-08-21T16:05:33

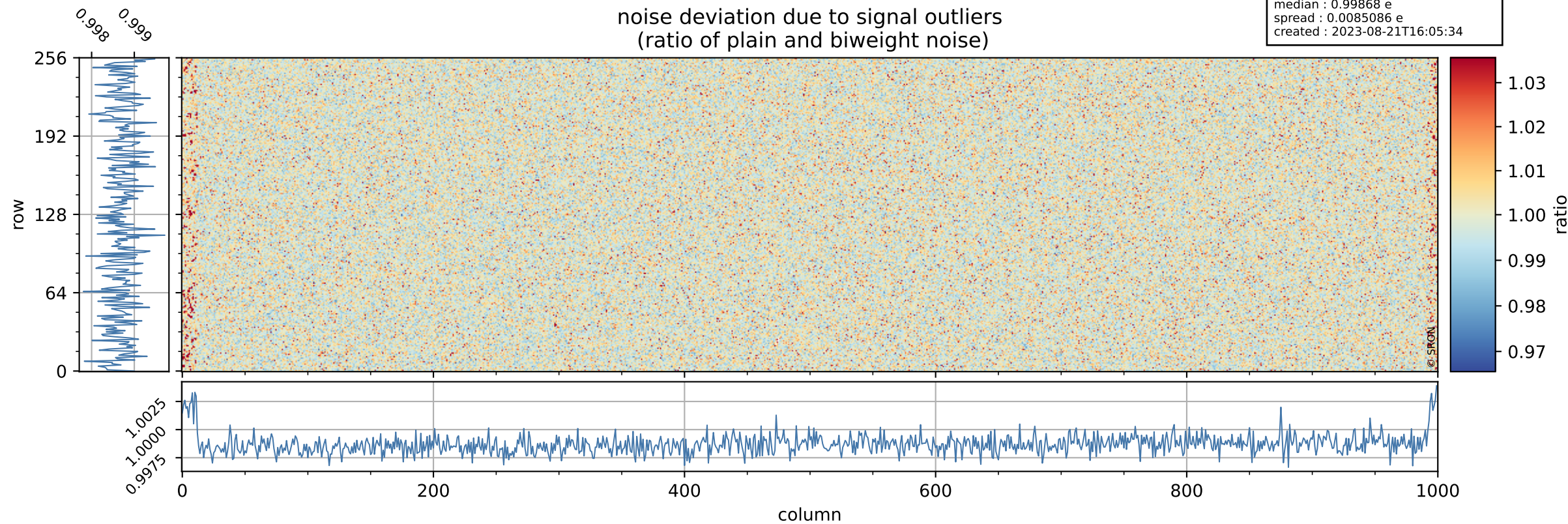
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

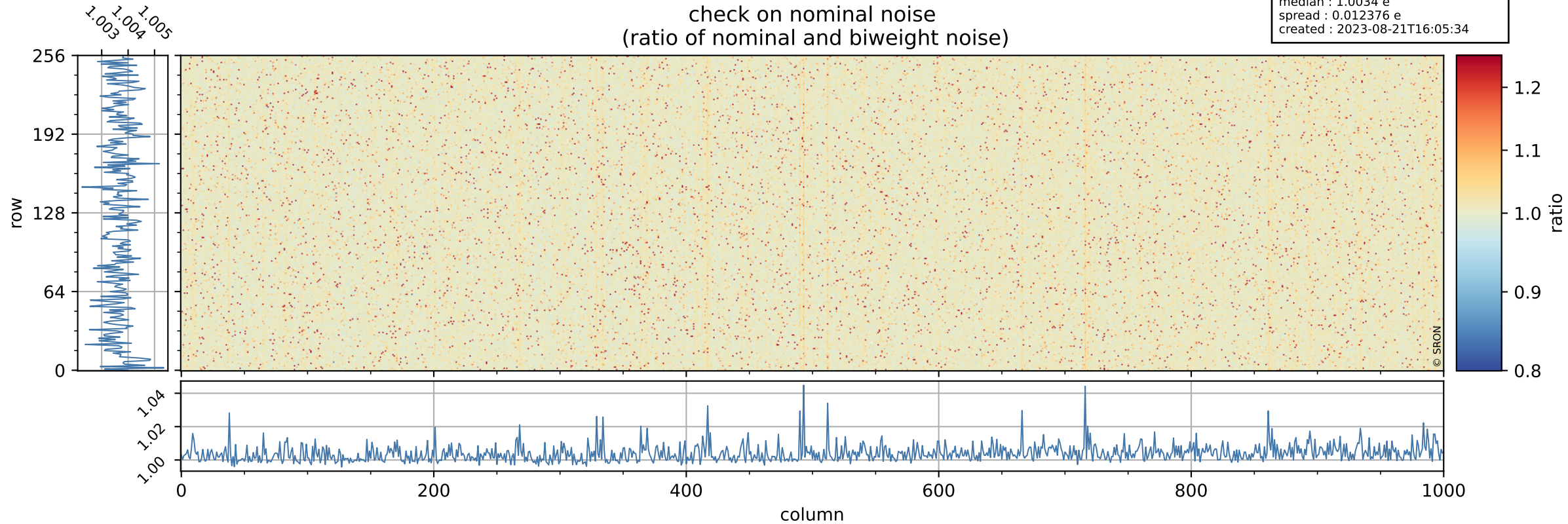
orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
median : 0.99868 e
spread : 0.0085086 e
created : 2023-08-21T16:05:34



Tropomi SWIR background noise (swir)

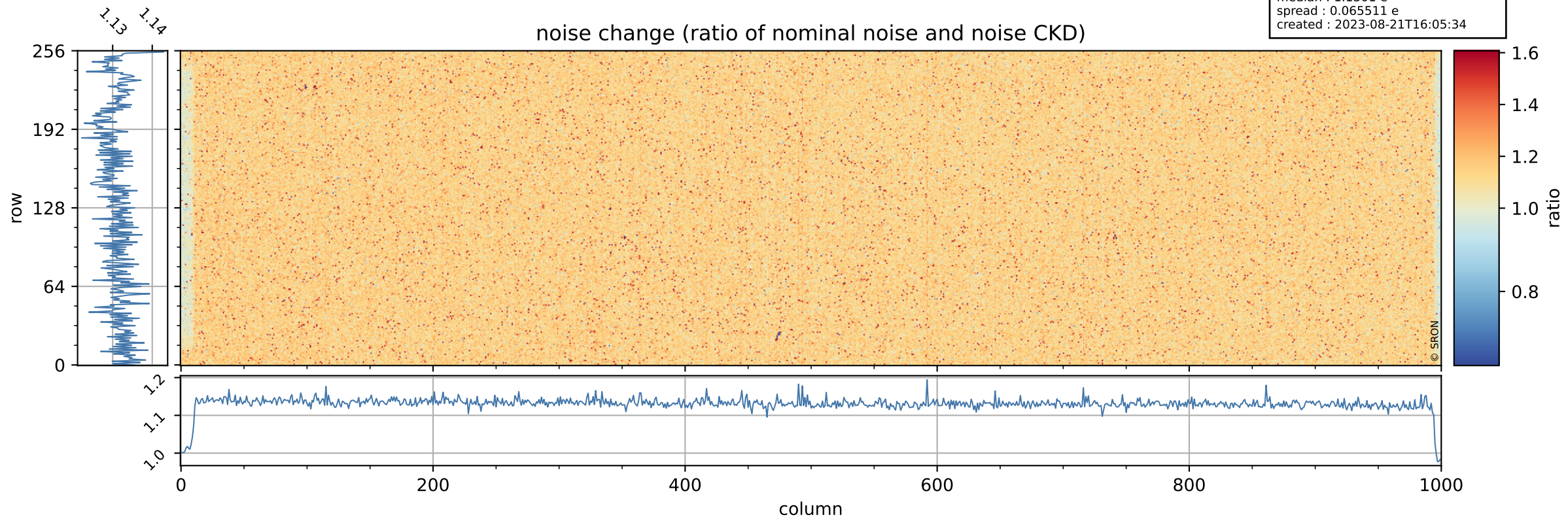
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
median : 1.0034 e
spread : 0.012376 e
created : 2023-08-21T16:05:34



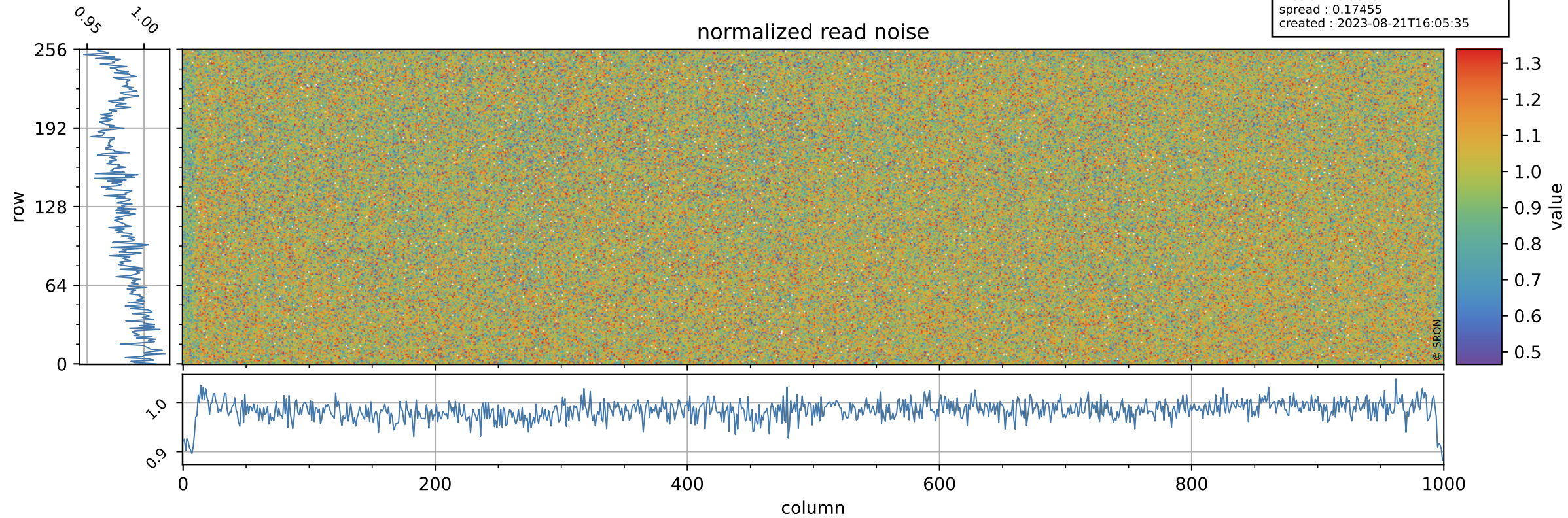
Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
median : 1.1301 e
spread : 0.065511 e
created : 2023-08-21T16:05:34



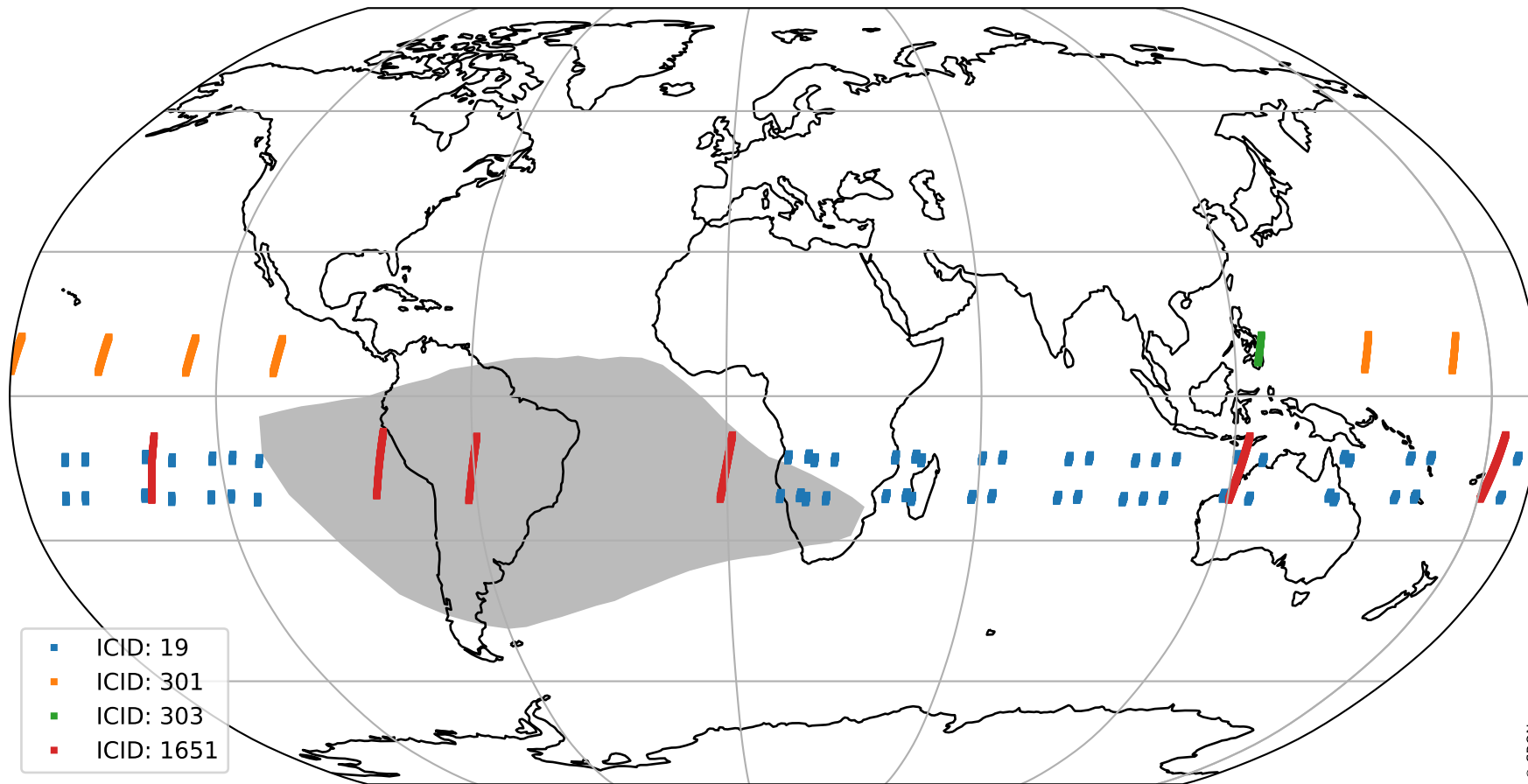
Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
median : 0.98201
spread : 0.17455
created : 2023-08-21T16:05:35



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

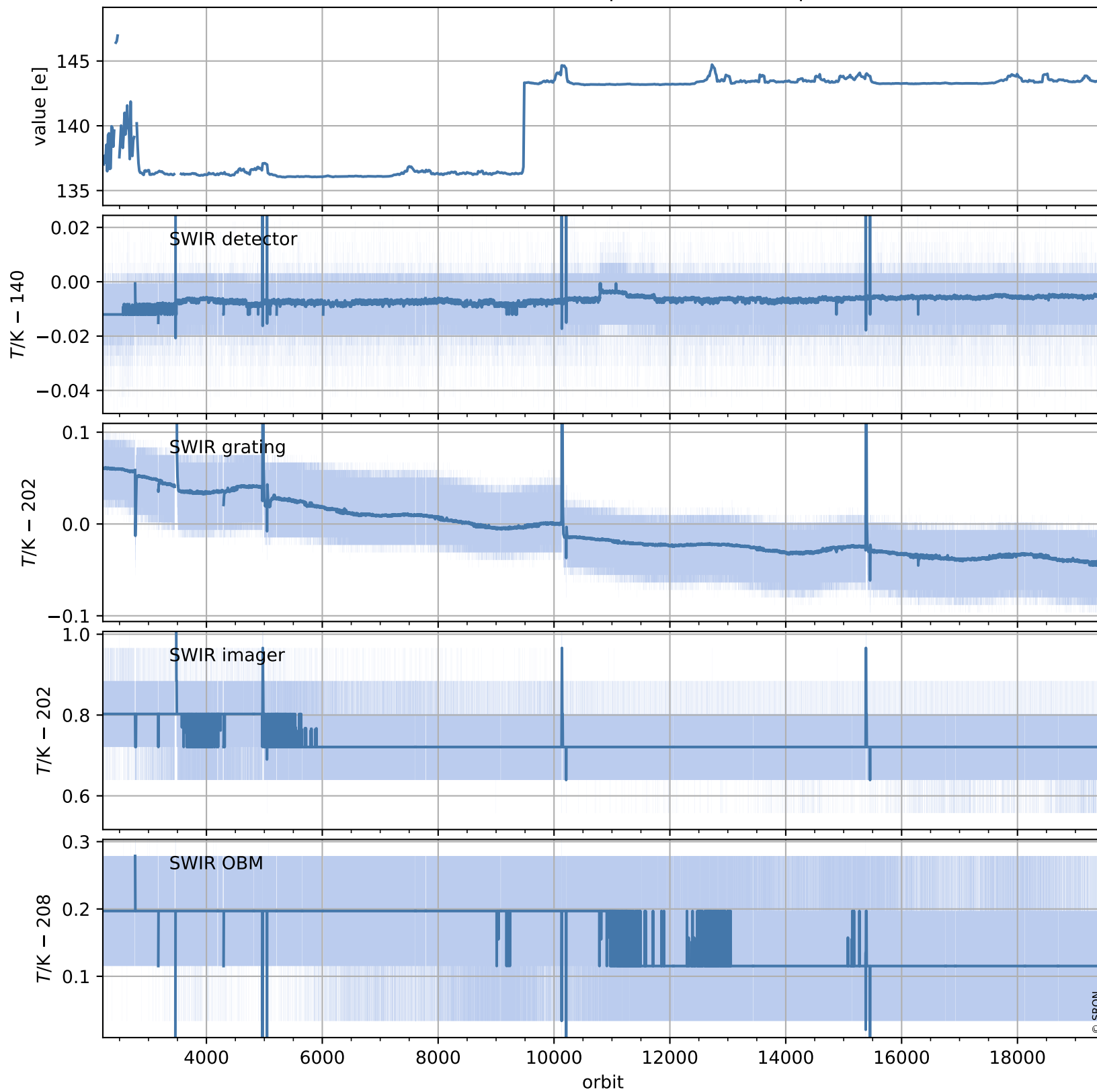
orbits : 13 in [19387, 19477]
coverage : 2021-07-11 / 2021-07-17
created : 2023-08-21T16:05:35



Tropomi SWIR background noise (swir)

orbits : [2212, 19477]
coverage : 2018-03-18 / 2021-07-17
created : 2023-08-21T16:05:35

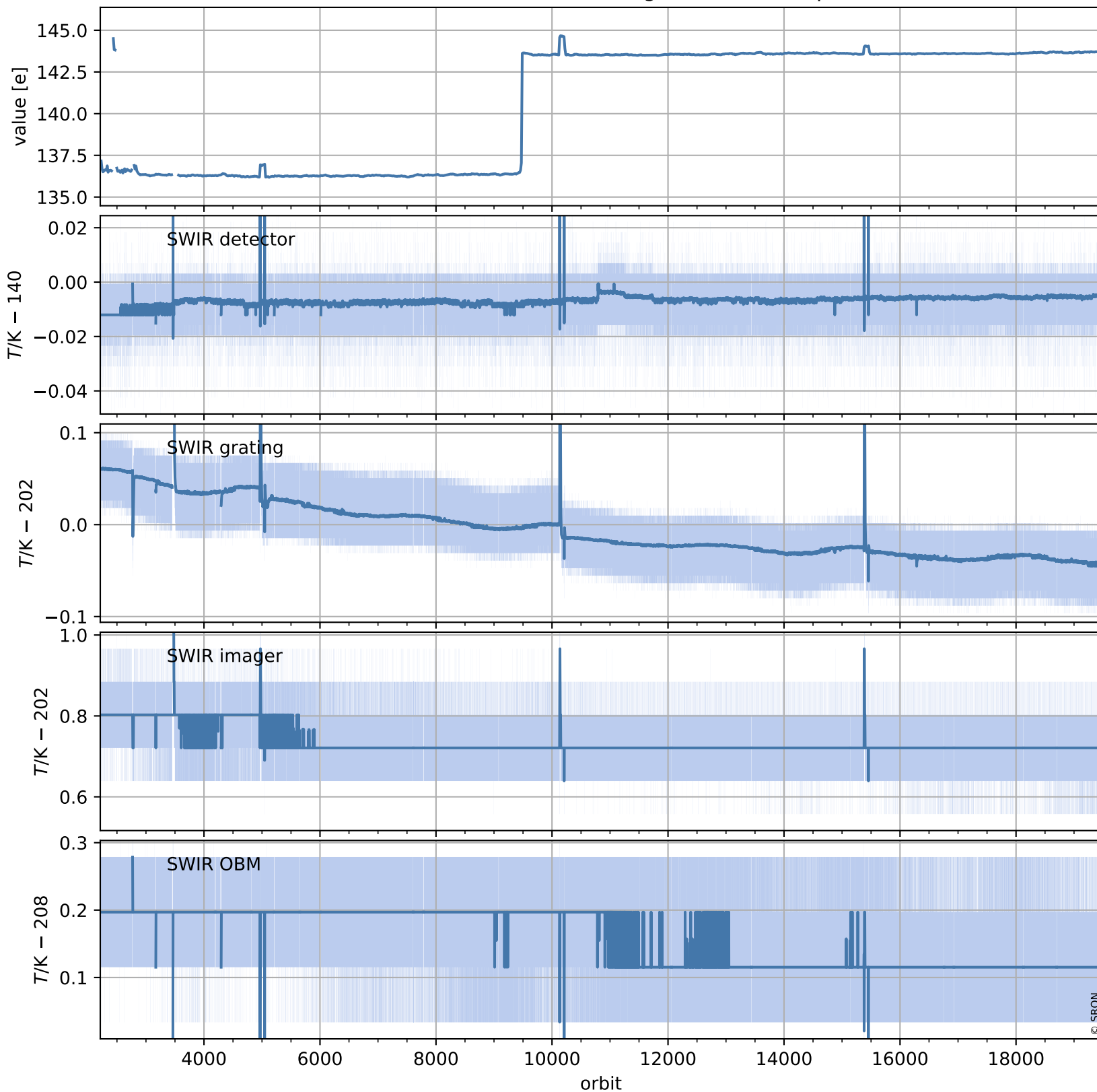
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19477]
coverage : 2018-03-18 / 2021-07-17
created : 2023-08-21T16:05:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19477]
coverage : 2018-03-18 / 2021-07-17
created : 2023-08-21T16:05:37

trend of normalized read-noise & temperatures

