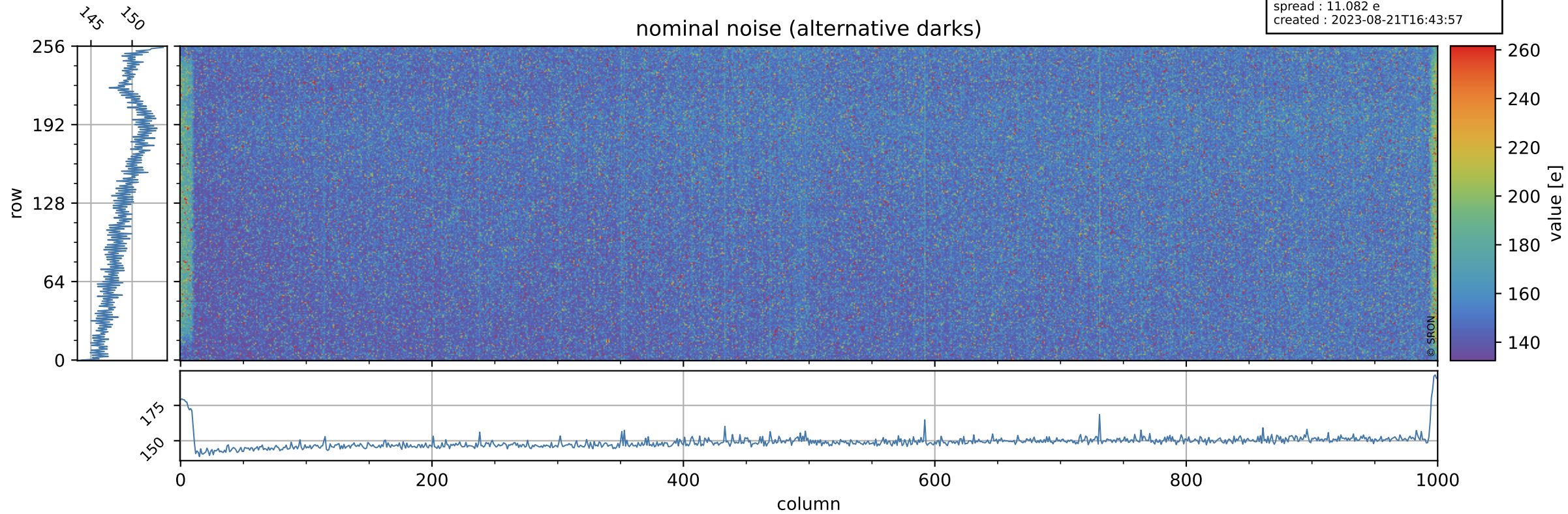


Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.082 e
created : 2023-08-21T16:43:57

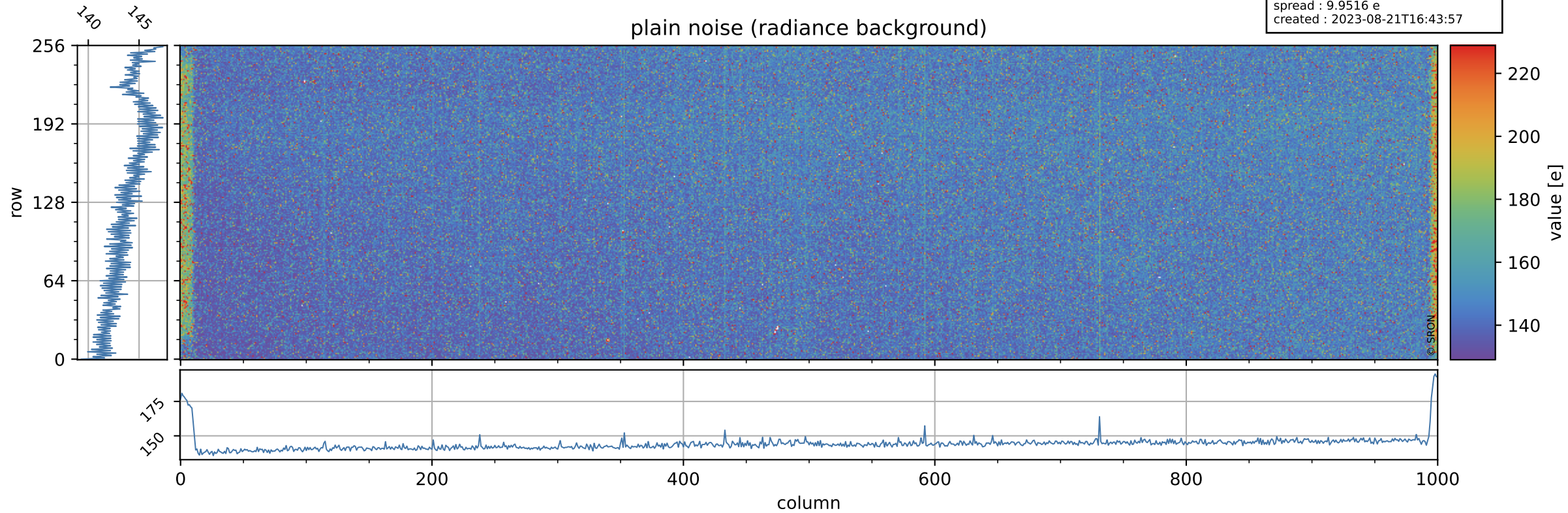
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9516 e
created : 2023-08-21T16:43:57

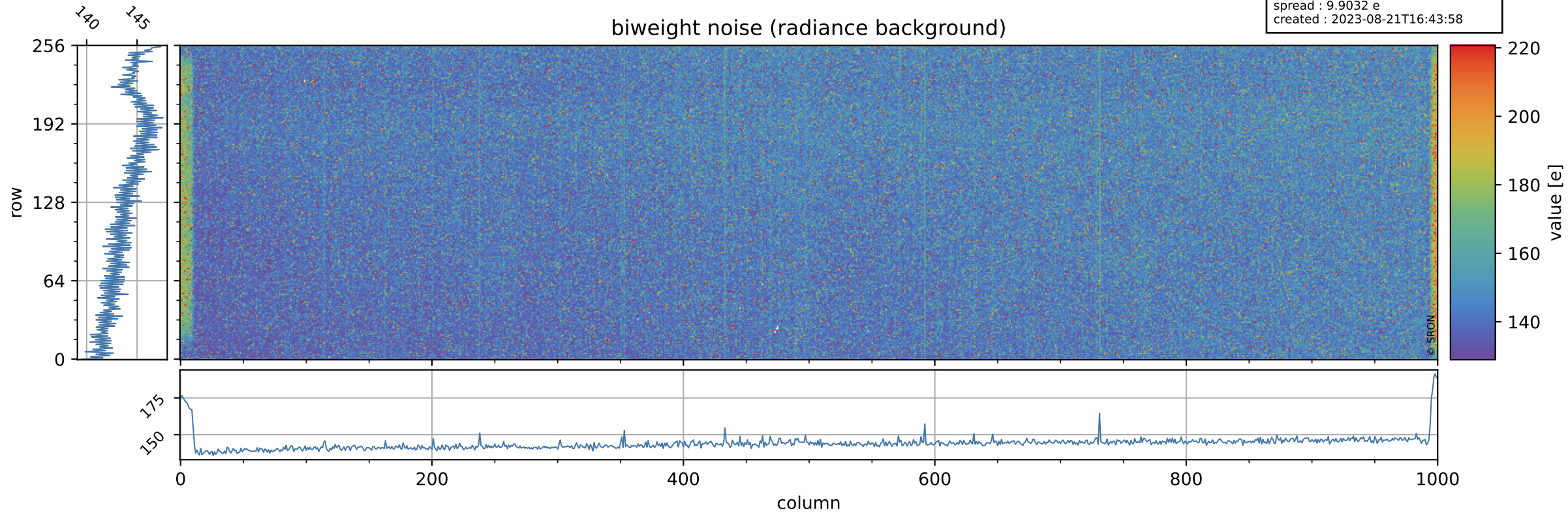
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9032 e
created : 2023-08-21T16:43:58

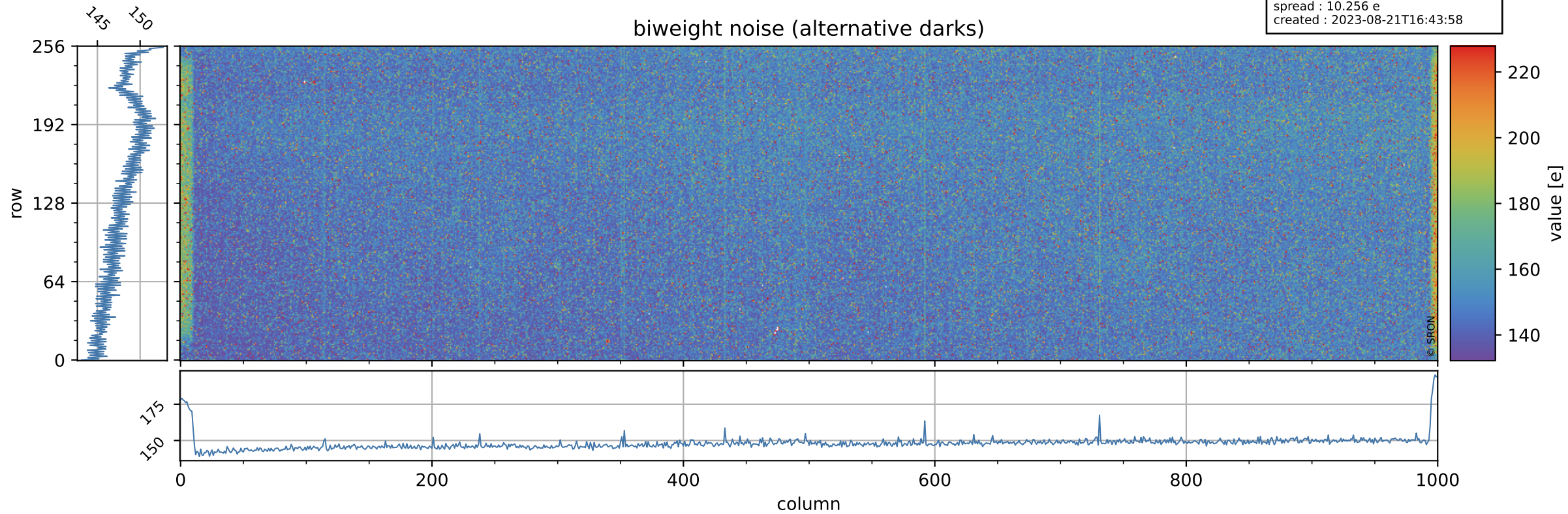
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.256 e
created : 2023-08-21T16:43:58

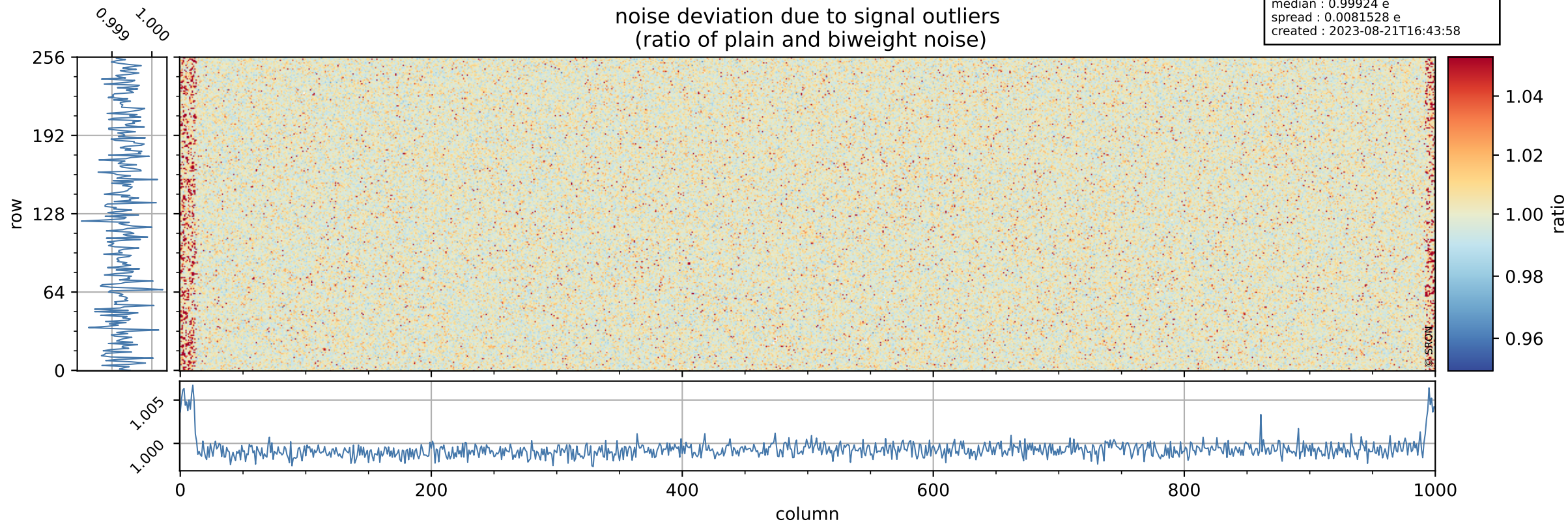
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

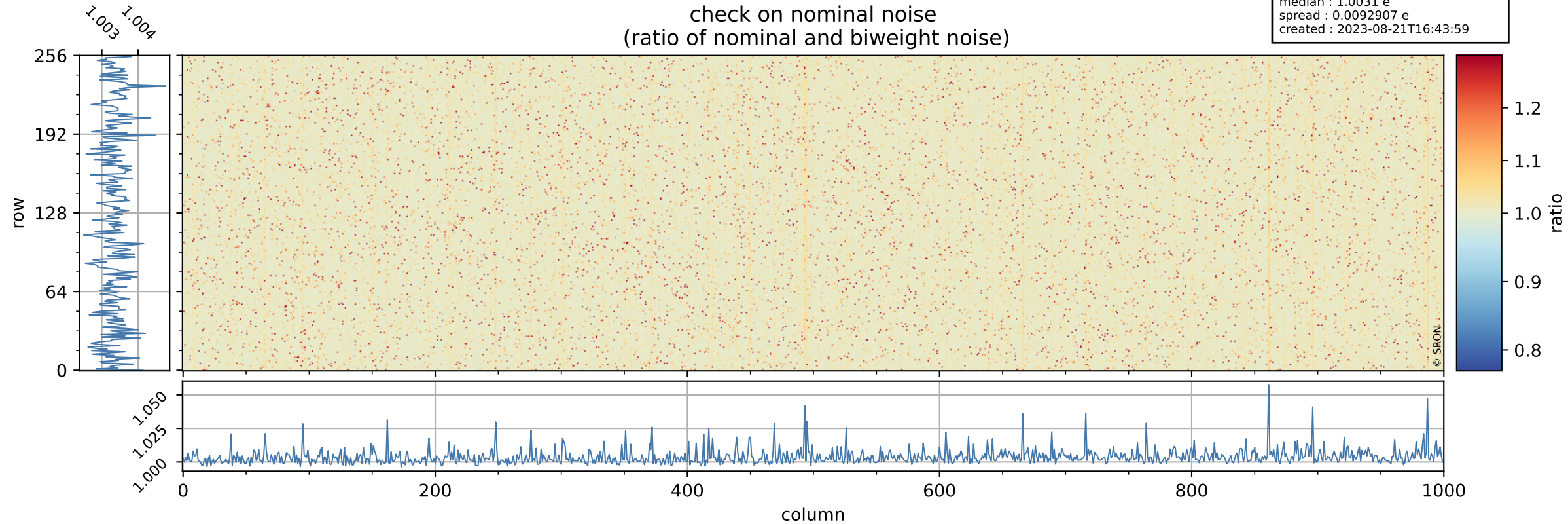
orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
median : 0.99924 e
spread : 0.0081528 e
created : 2023-08-21T16:43:58



Tropomi SWIR background noise (swir)

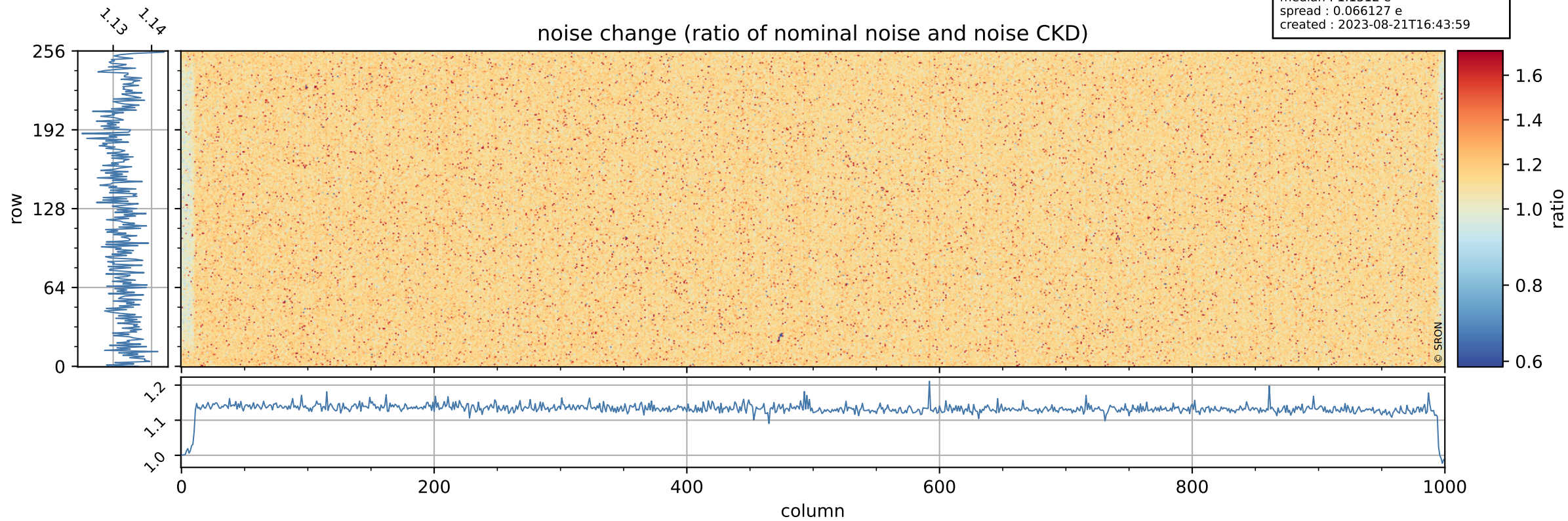
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
median : 1.0031 e
spread : 0.0092907 e
created : 2023-08-21T16:43:59



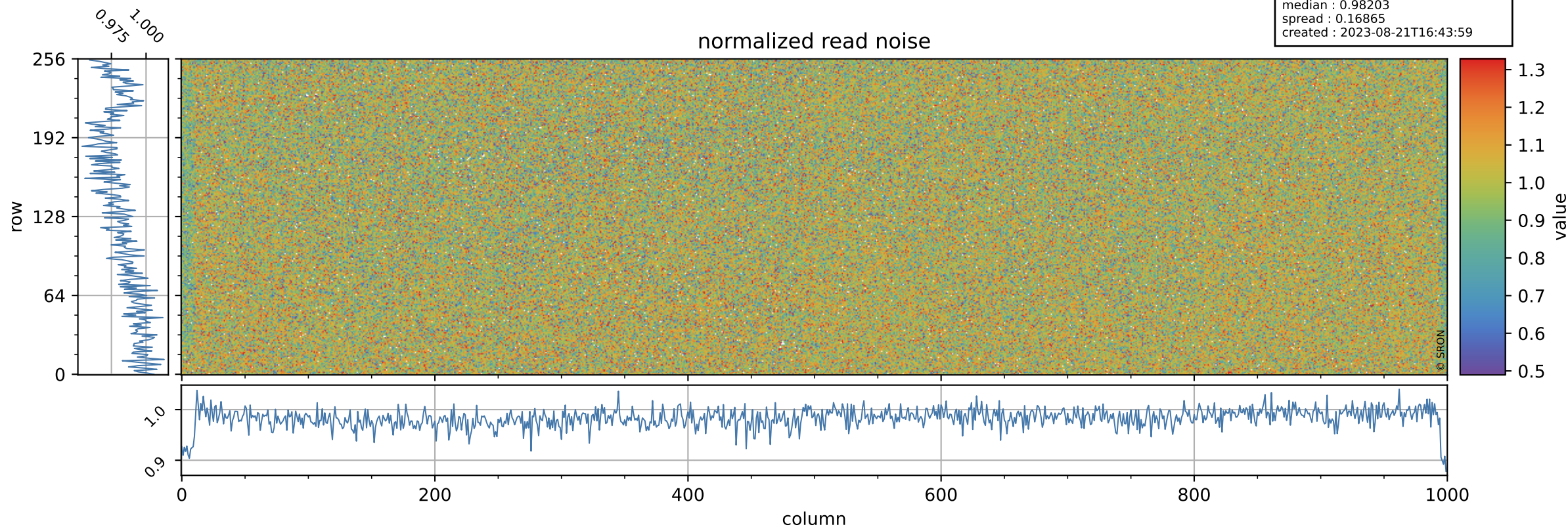
Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
median : 1.1312 e
spread : 0.066127 e
created : 2023-08-21T16:43:59



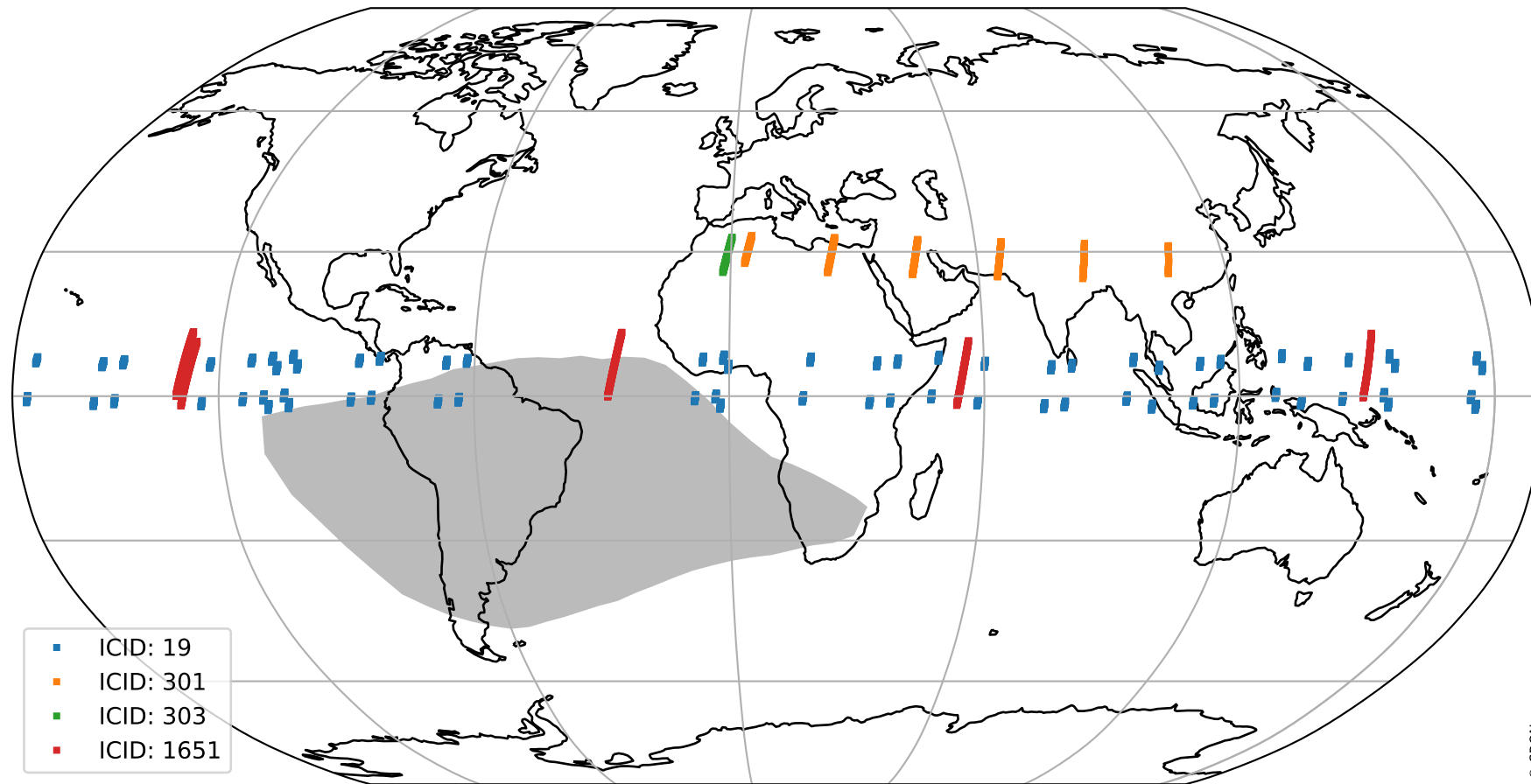
Tropomi SWIR background noise (swir)

orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
median : 0.98203
spread : 0.16865
created : 2023-08-21T16:43:59



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

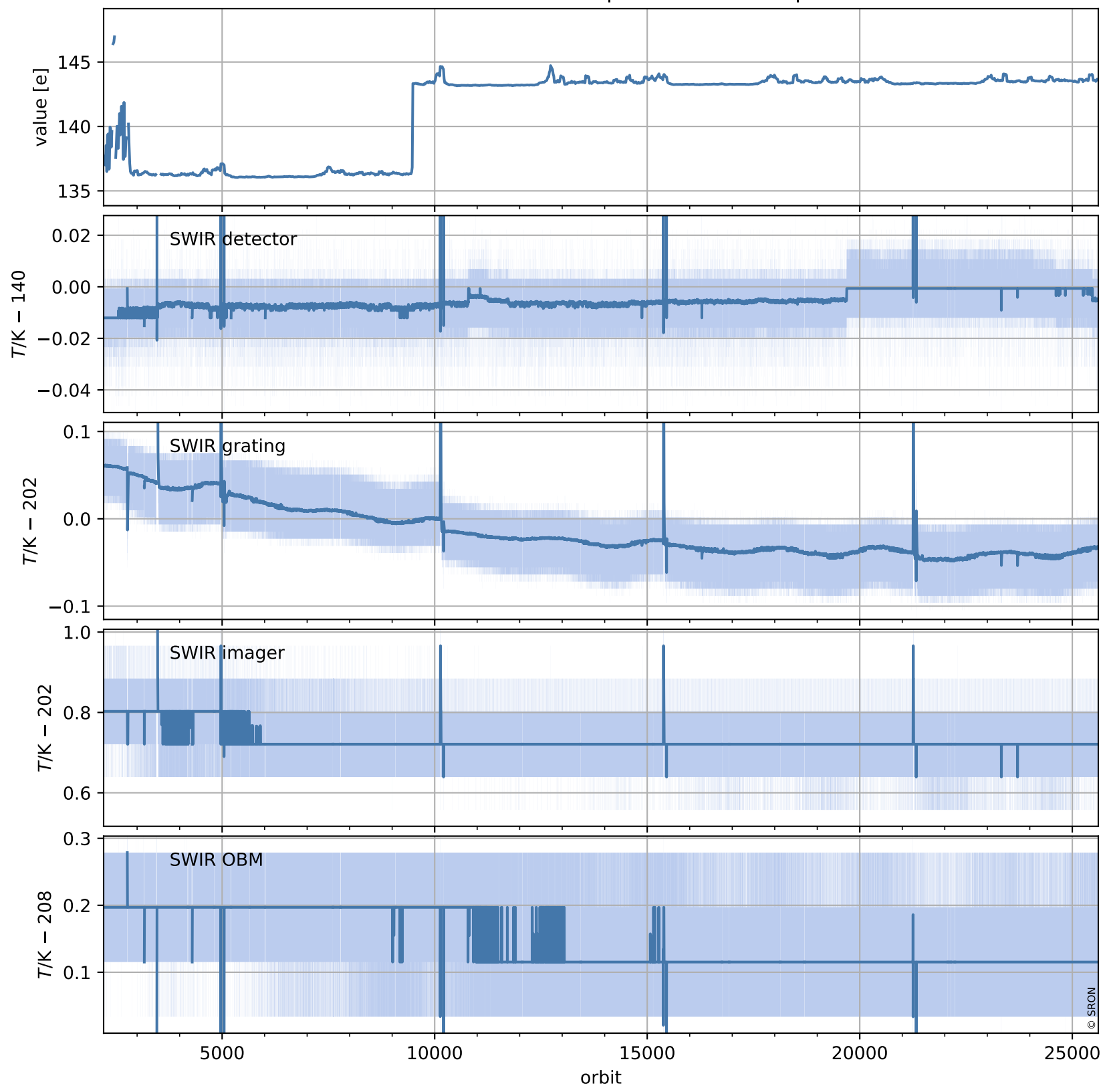
orbits : 12 in [25522, 25612]
coverage : 2022-09-16 / 2022-09-22
created : 2023-08-21T16:43:59



Tropomi SWIR background noise (swir)

orbits : [2212, 25612]
coverage : 2018-03-18 / 2022-09-22
created : 2023-08-21T16:44:00

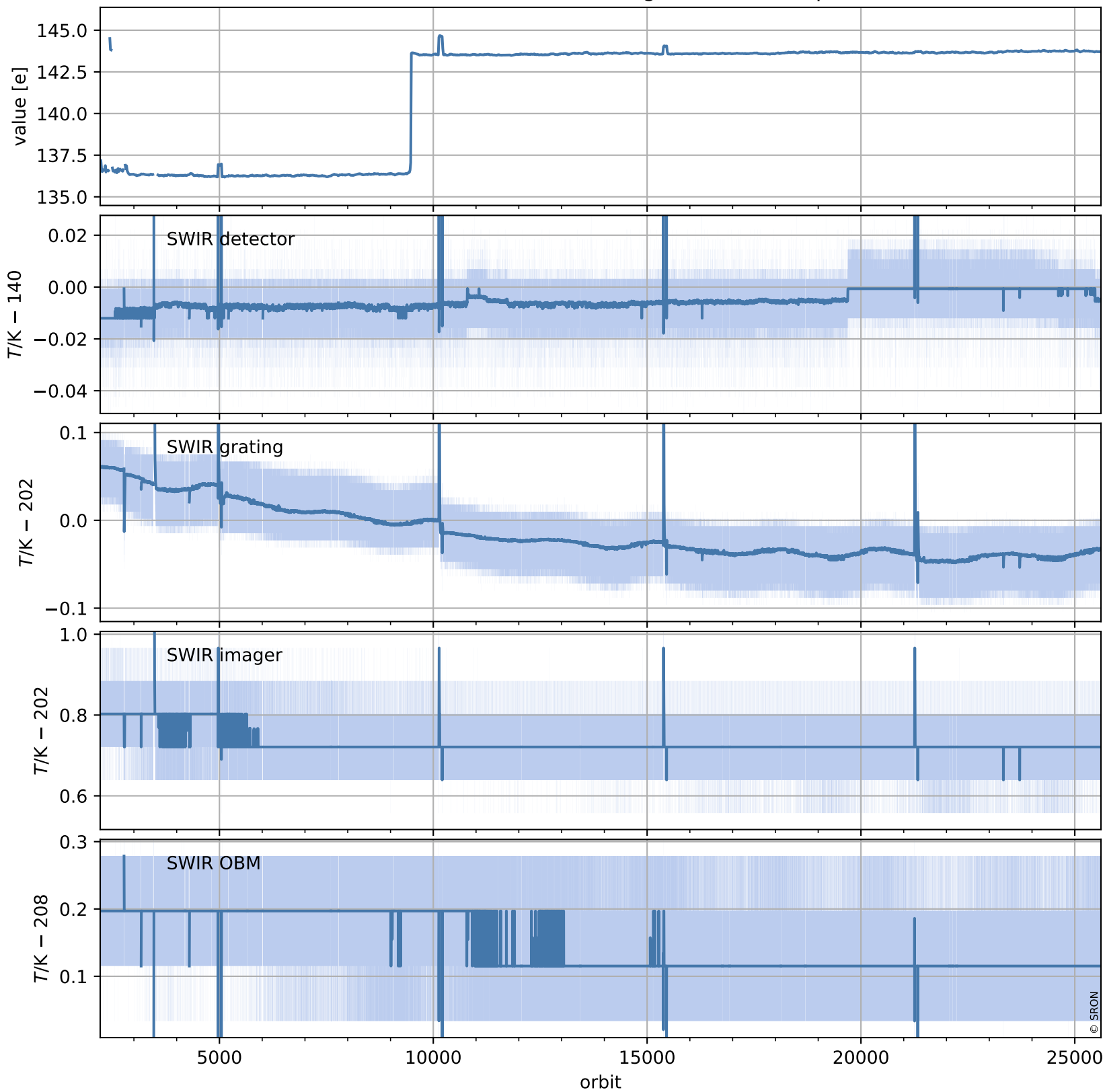
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25612]
coverage : 2018-03-18 / 2022-09-22
created : 2023-08-21T16:44:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25612]
coverage : 2018-03-18 / 2022-09-22
created : 2023-08-21T16:44:01

trend of normalized read-noise & temperatures

