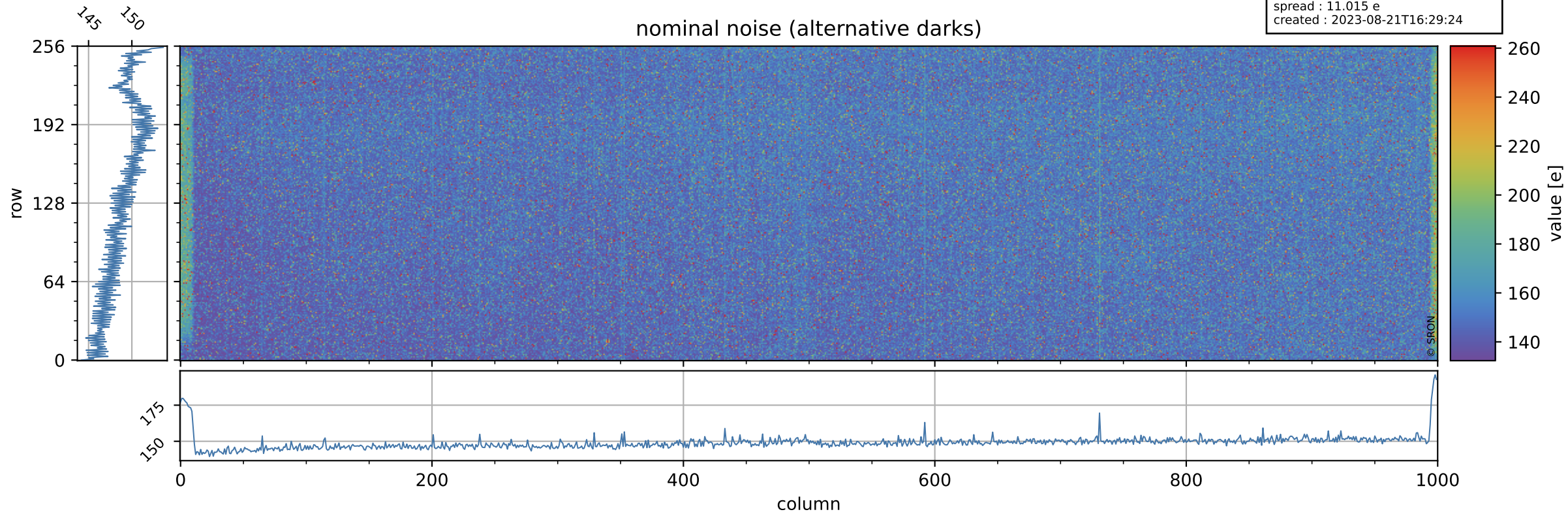


Tropomi SWIR background noise (swir)

orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.015 e
created : 2023-08-21T16:29:24

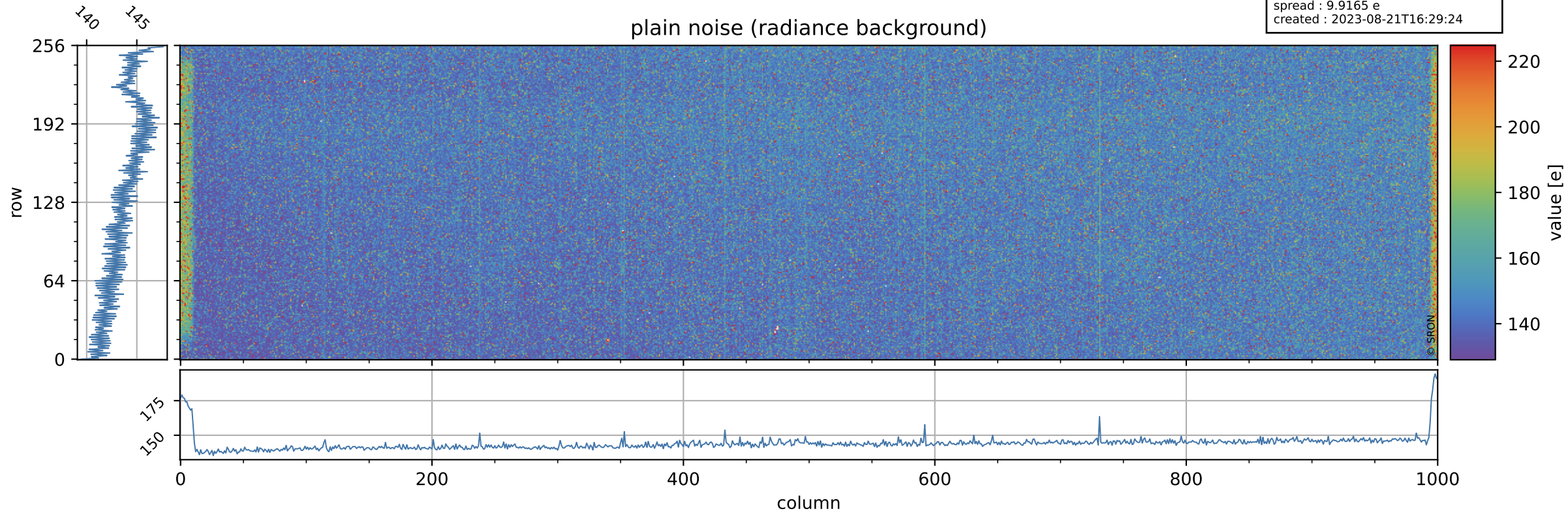
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9165 e
created : 2023-08-21T16:29:24

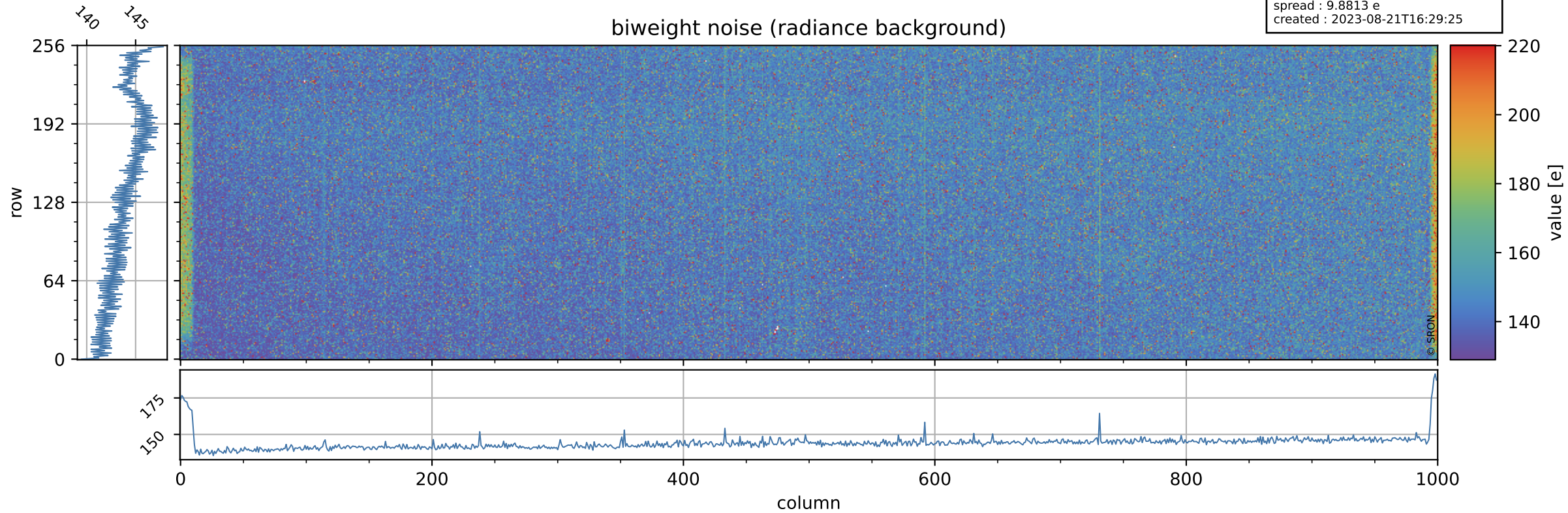
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8813 e
created : 2023-08-21T16:29:25

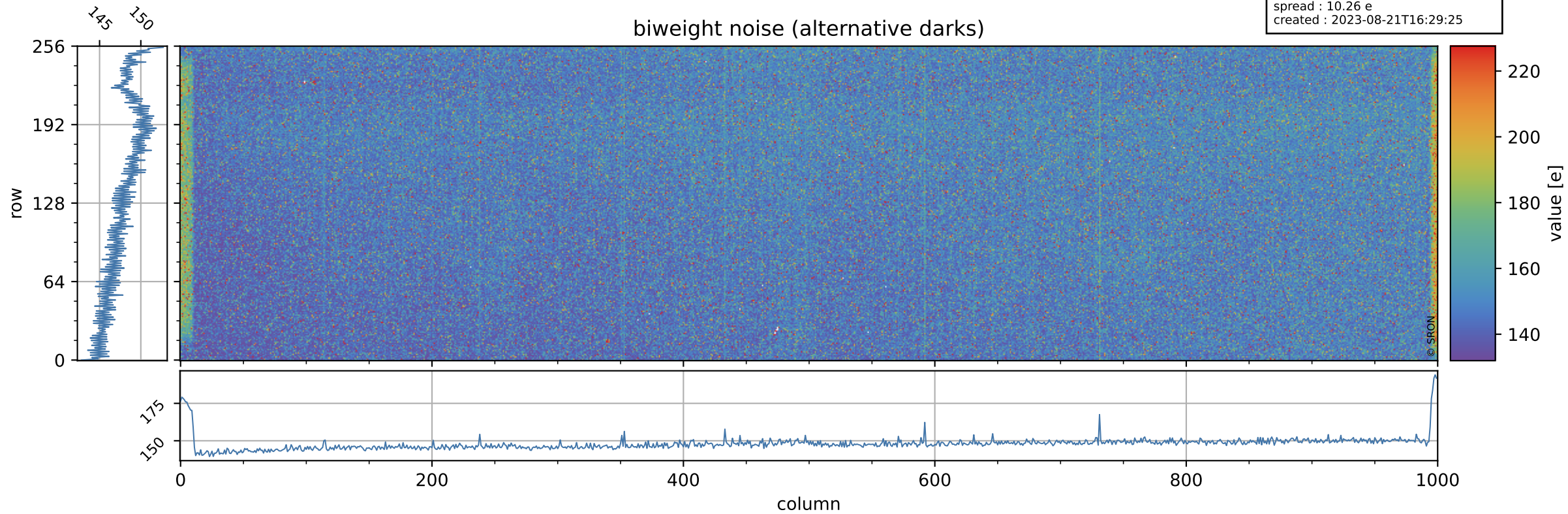
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.26 e
created : 2023-08-21T16:29:25

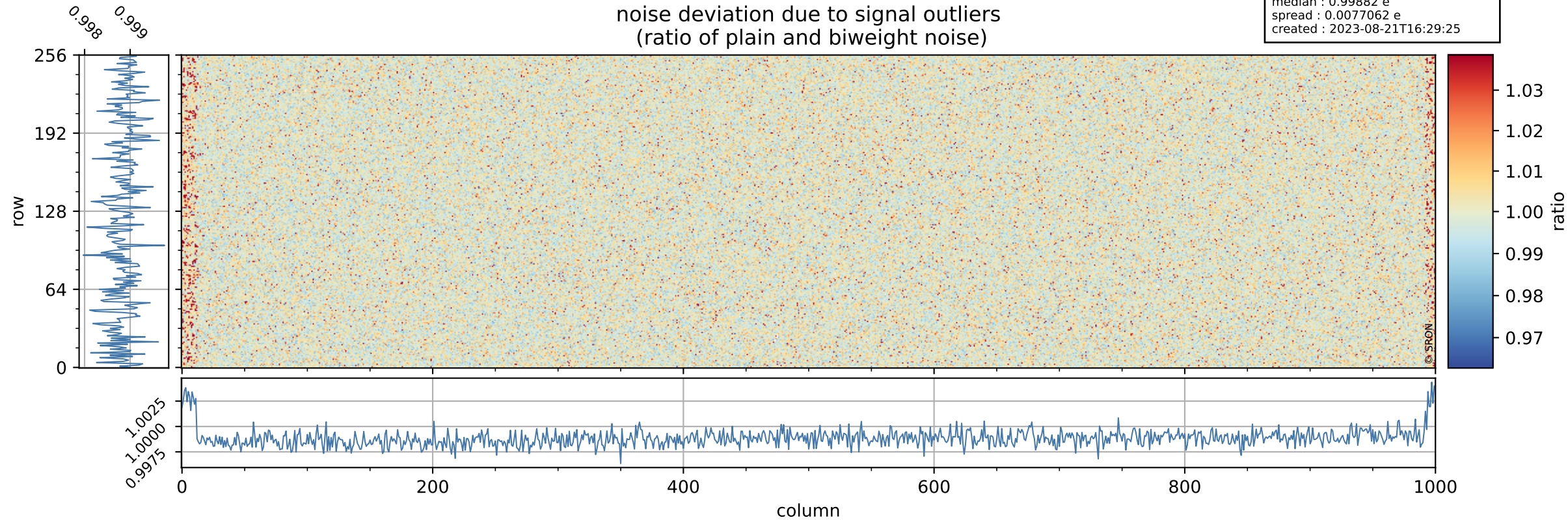
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

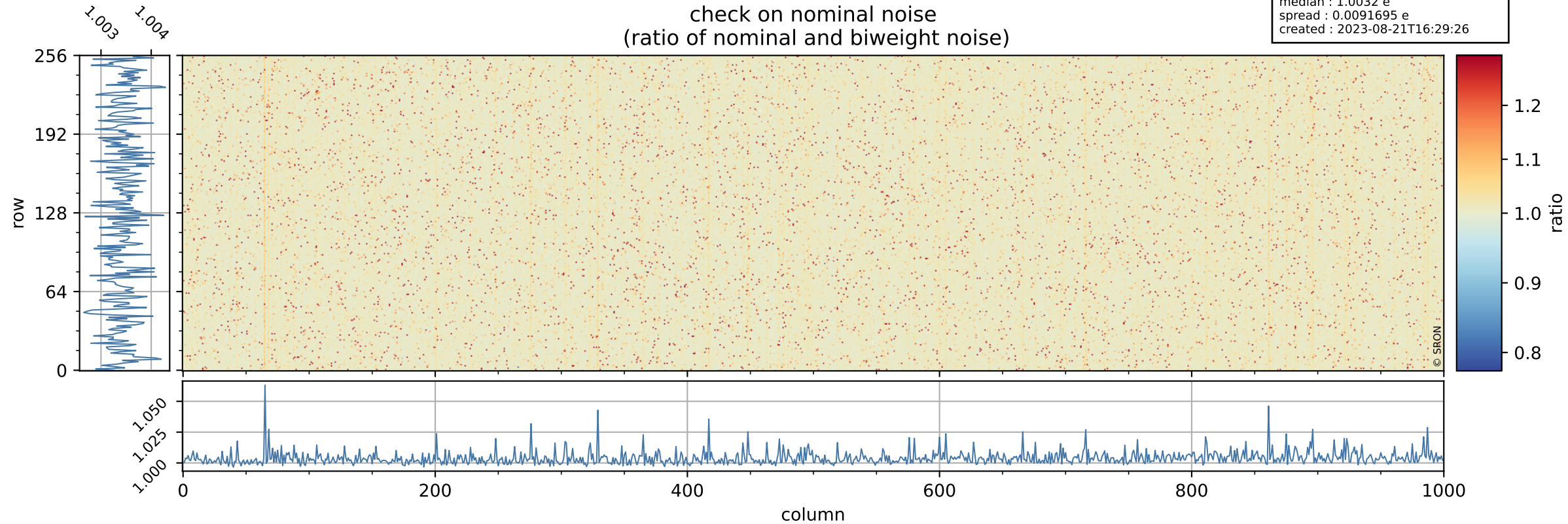
orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
median : 0.99882 e
spread : 0.0077062 e
created : 2023-08-21T16:29:25



Tropomi SWIR background noise (swir)

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

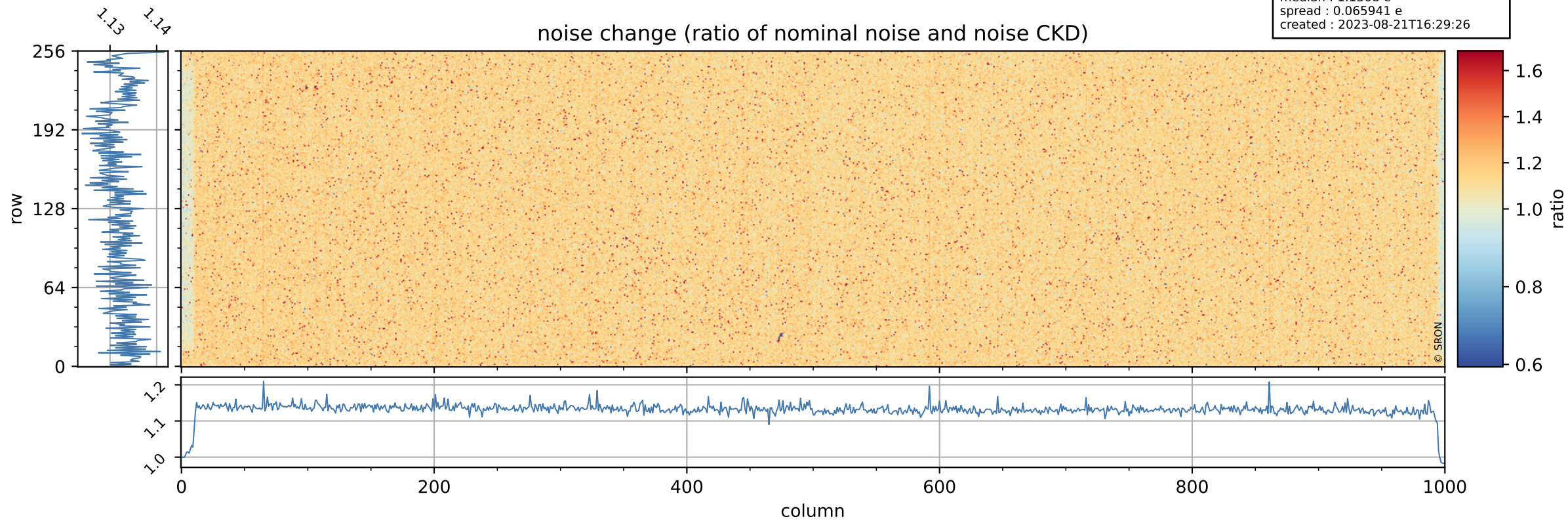
orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
median : 1.0032 e
spread : 0.0091695 e
created : 2023-08-21T16:29:26



Tropomi SWIR background noise (swir)

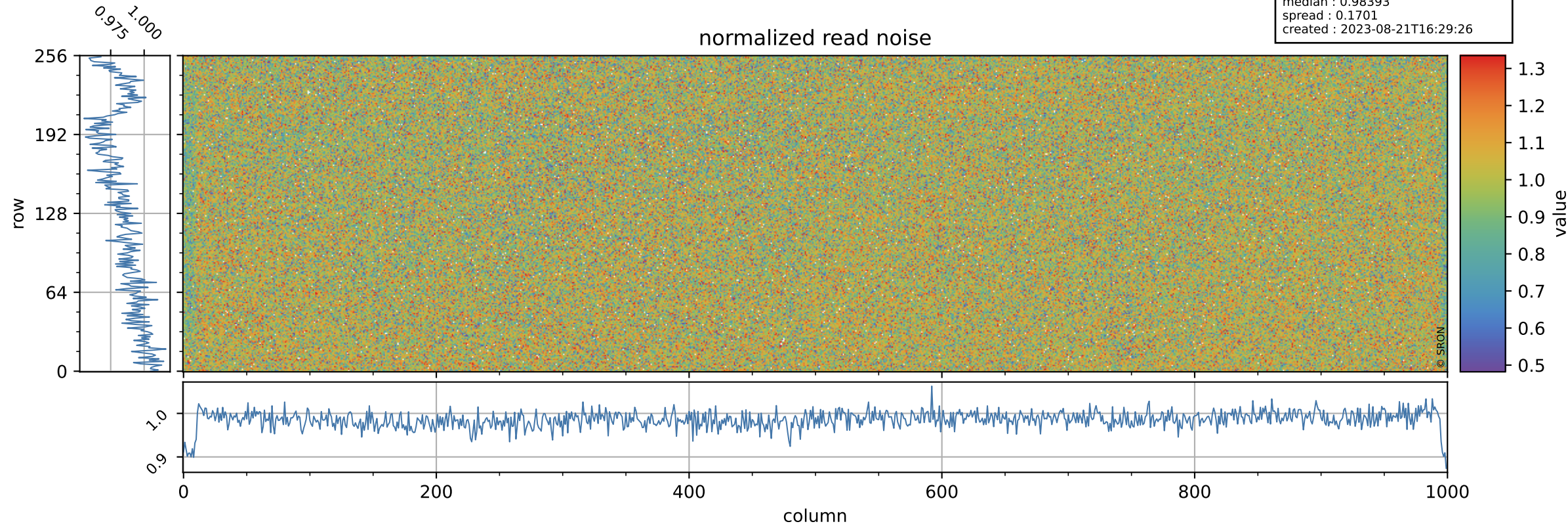
orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
median : 1.1308 e
spread : 0.065941 e
created : 2023-08-21T16:29:26

noise change (ratio of nominal noise and noise CKD)



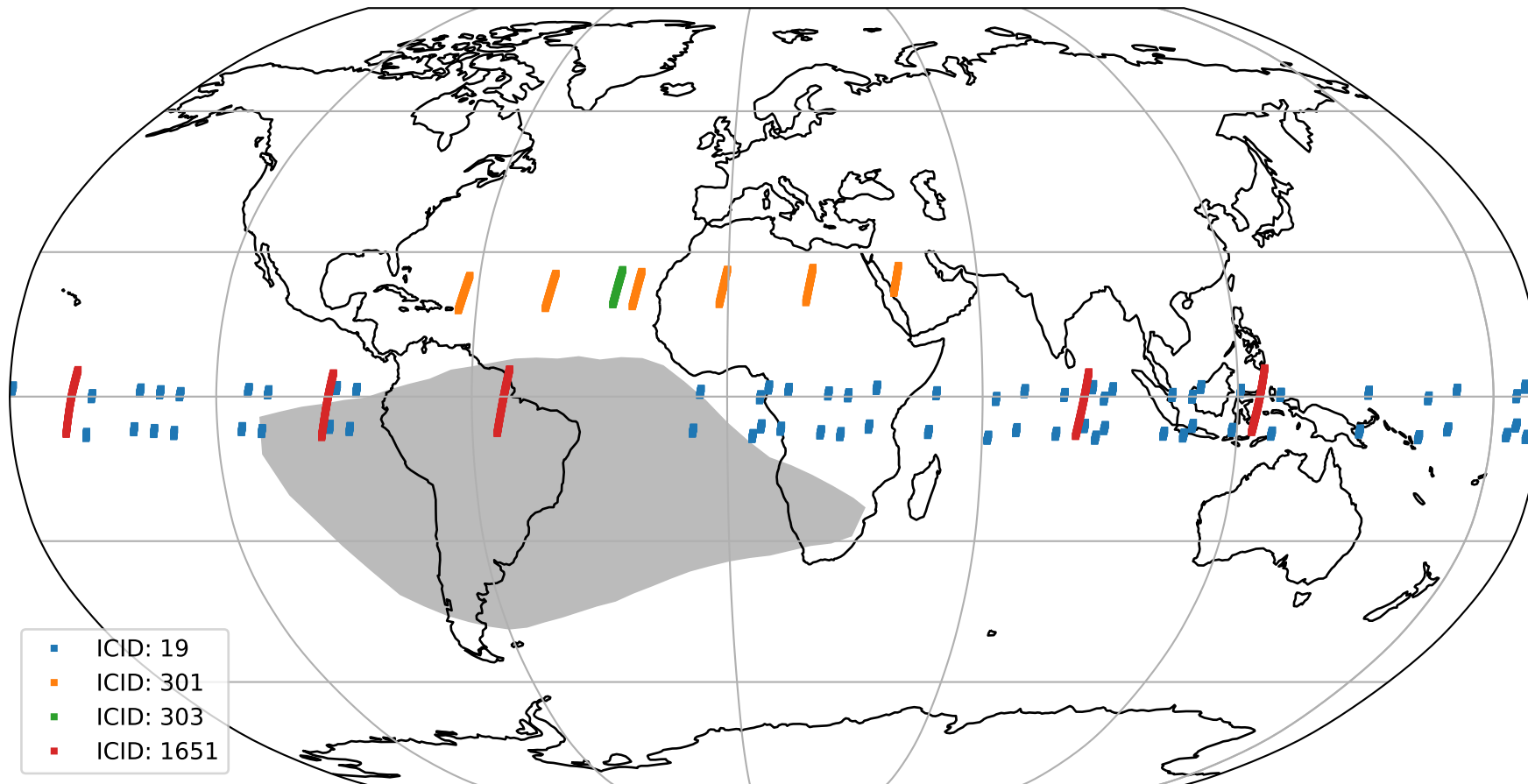
Tropomi SWIR background noise (swir)

orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
median : 0.98393
spread : 0.1701
created : 2023-08-21T16:29:26



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

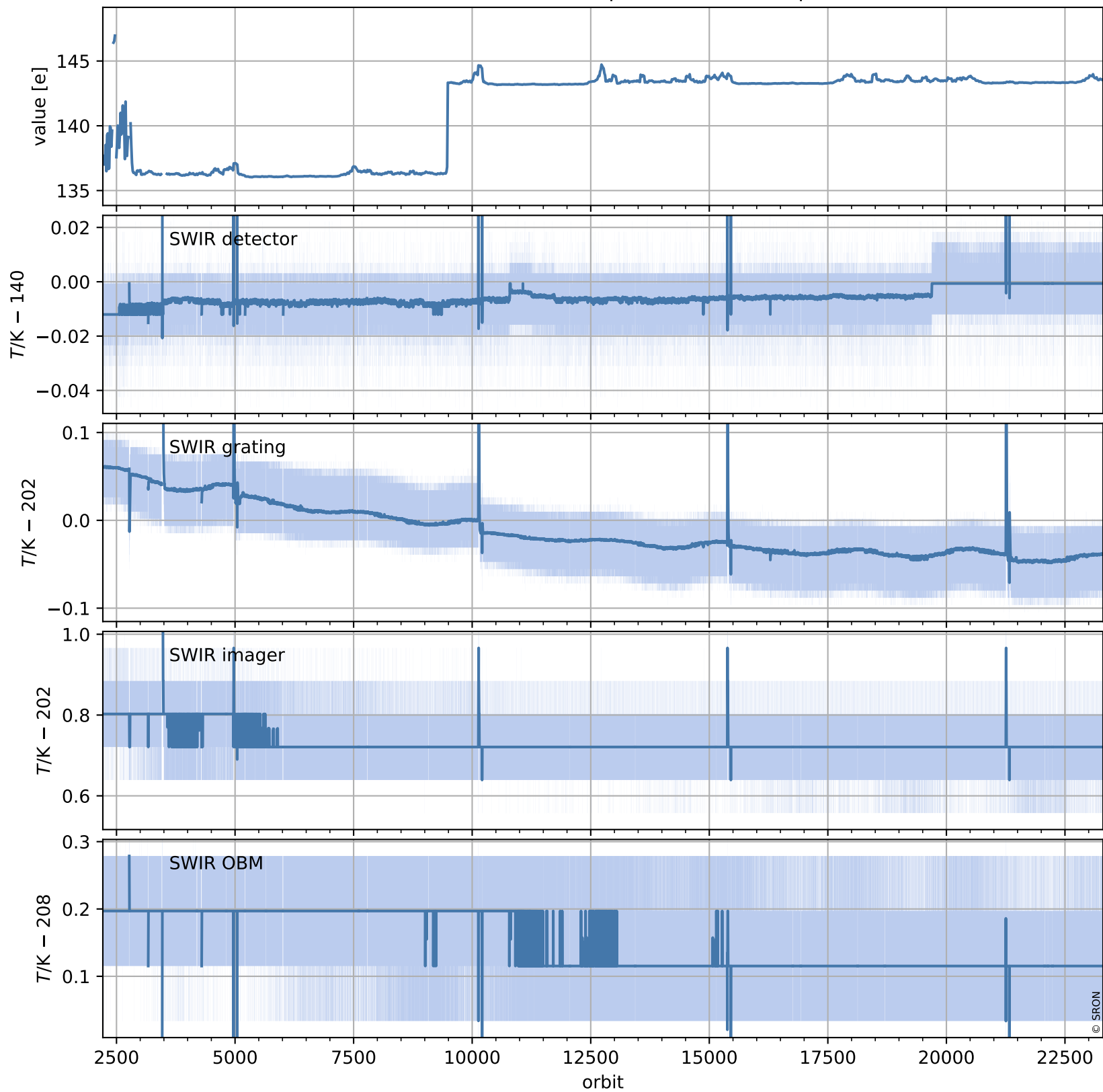
orbits : 12 in [23212, 23302]
coverage : 2022-04-06 / 2022-04-12
created : 2023-08-21T16:29:27



Tropomi SWIR background noise (swir)

orbits : [2212, 23302]
coverage : 2018-03-18 / 2022-04-12
created : 2023-08-21T16:29:27

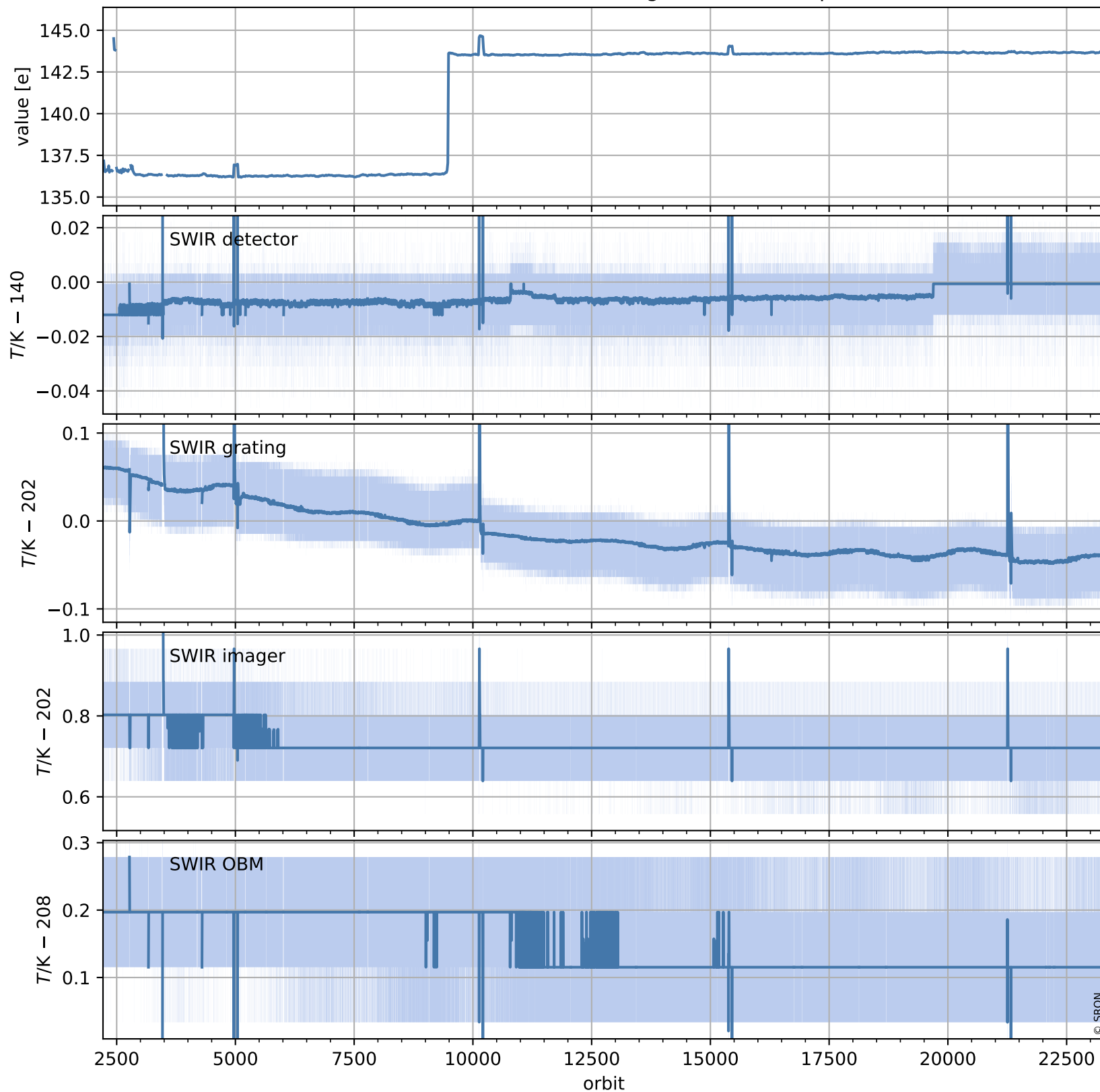
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23302]
coverage : 2018-03-18 / 2022-04-12
created : 2023-08-21T16:29:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23302]
coverage : 2018-03-18 / 2022-04-12
created : 2023-08-21T16:29:29

trend of normalized read-noise & temperatures

