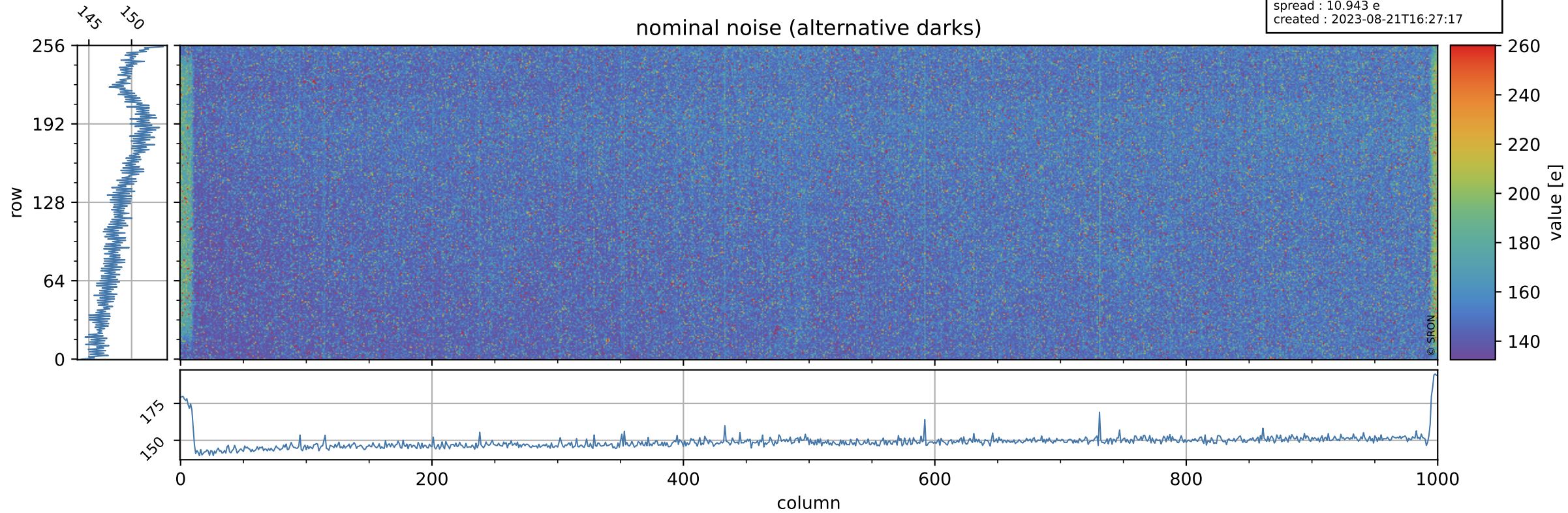


Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.943 e
created : 2023-08-21T16:27:17

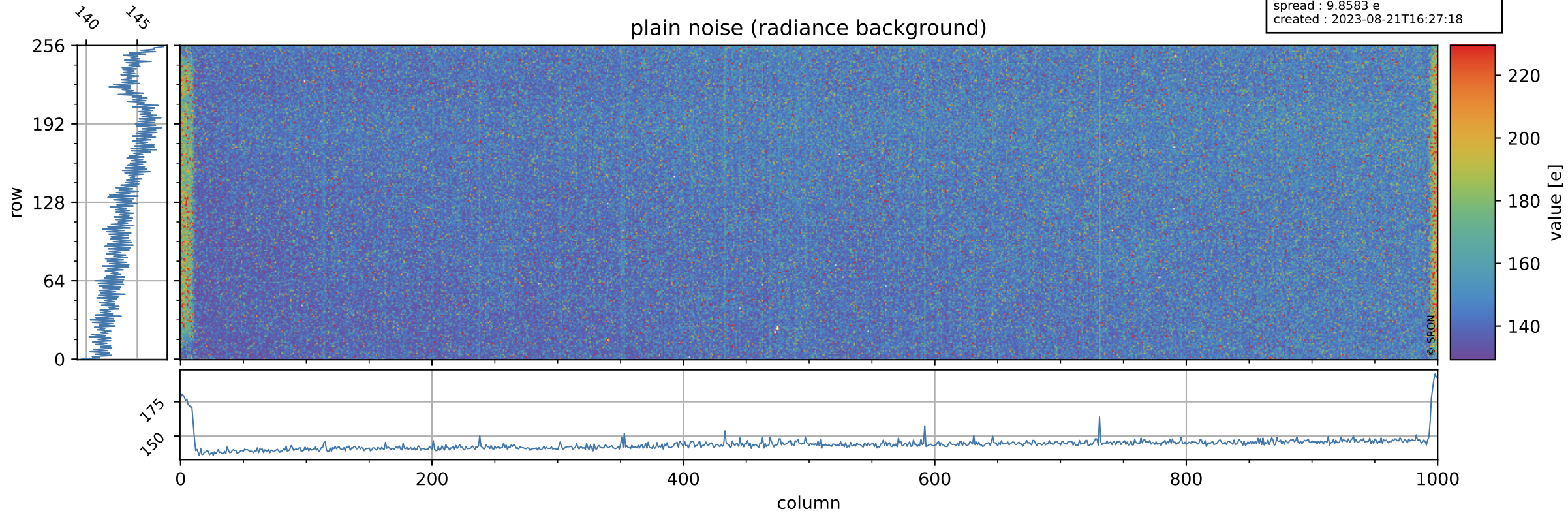
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8583 e
created : 2023-08-21T16:27:18

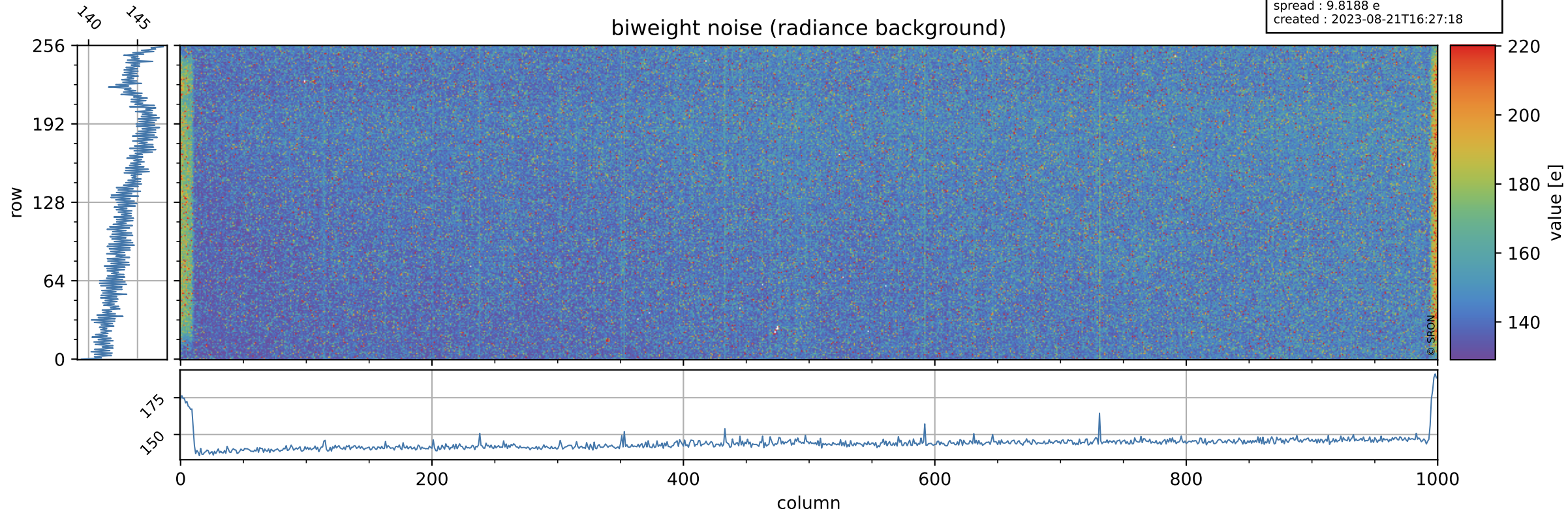
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8188 e
created : 2023-08-21T16:27:18

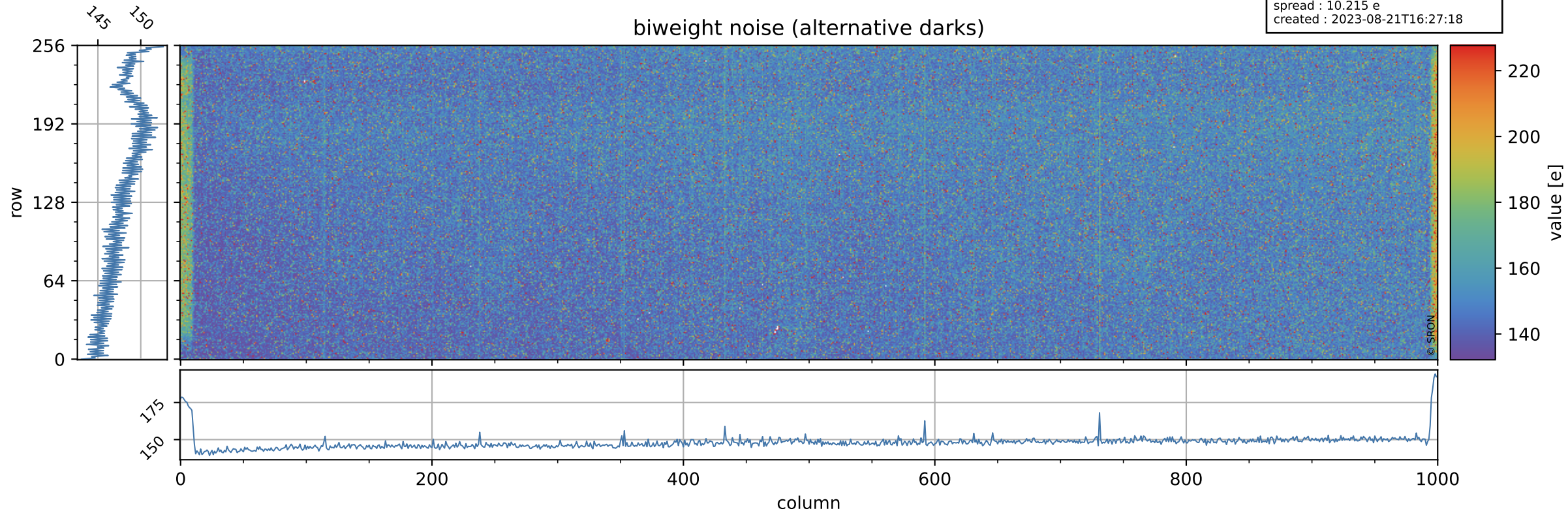
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.215 e
created : 2023-08-21T16:27:18

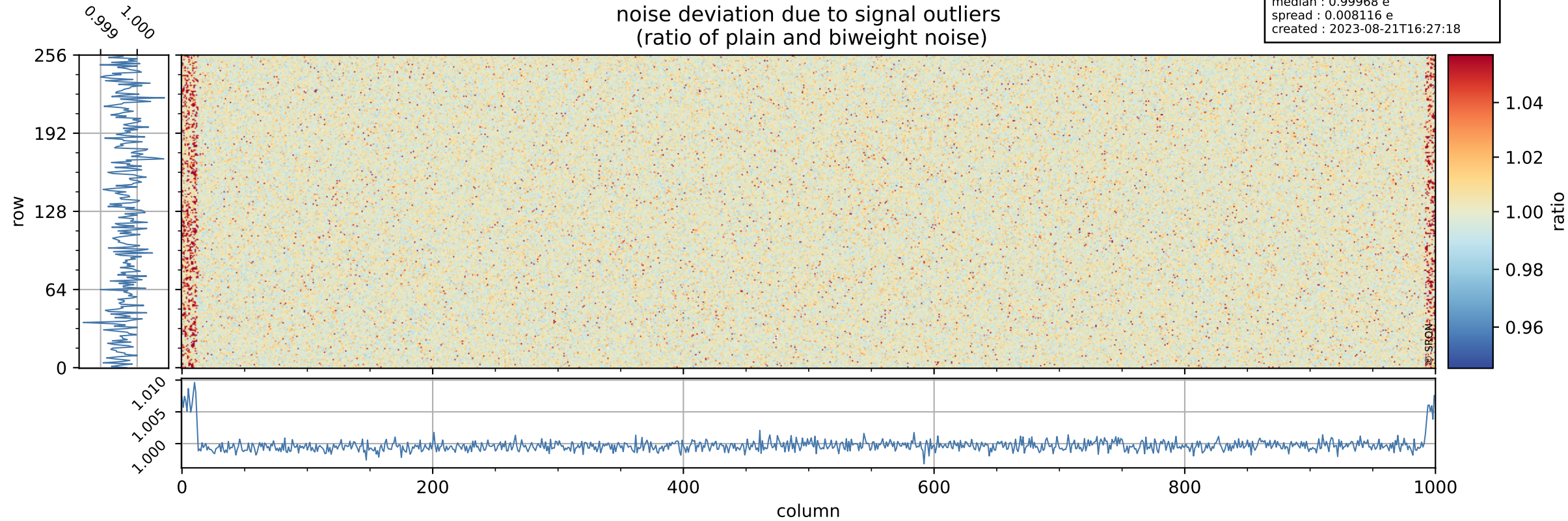
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

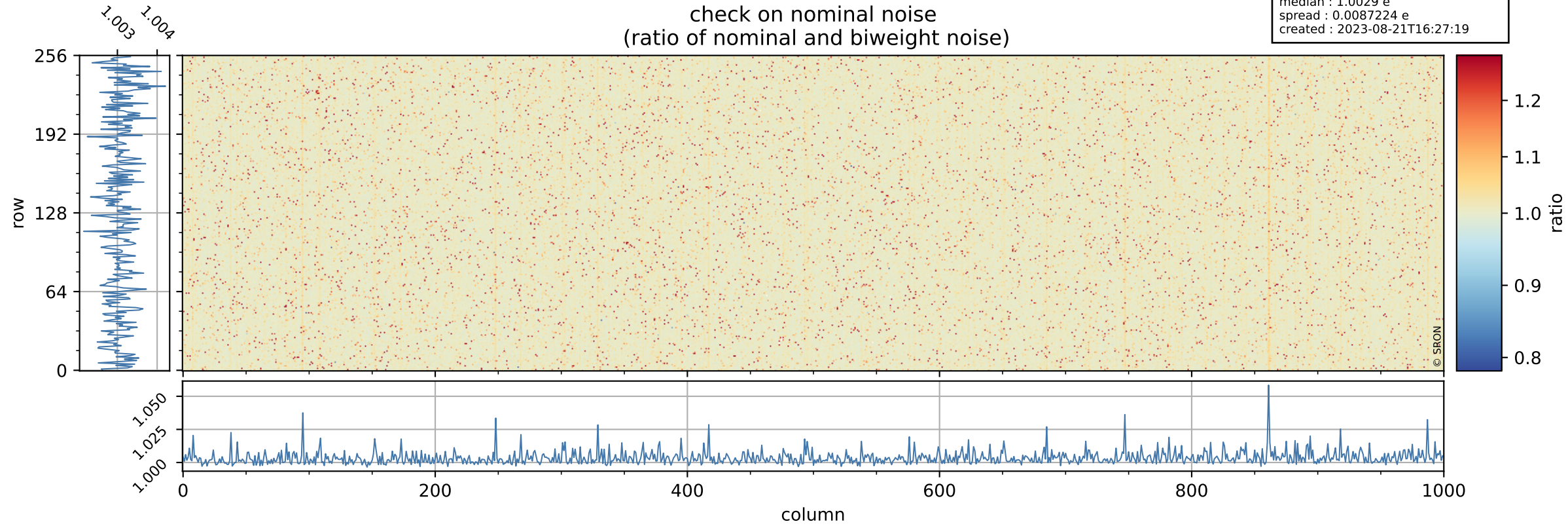
orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
median : 0.99968 e
spread : 0.008116 e
created : 2023-08-21T16:27:18



Tropomi SWIR background noise (swir)

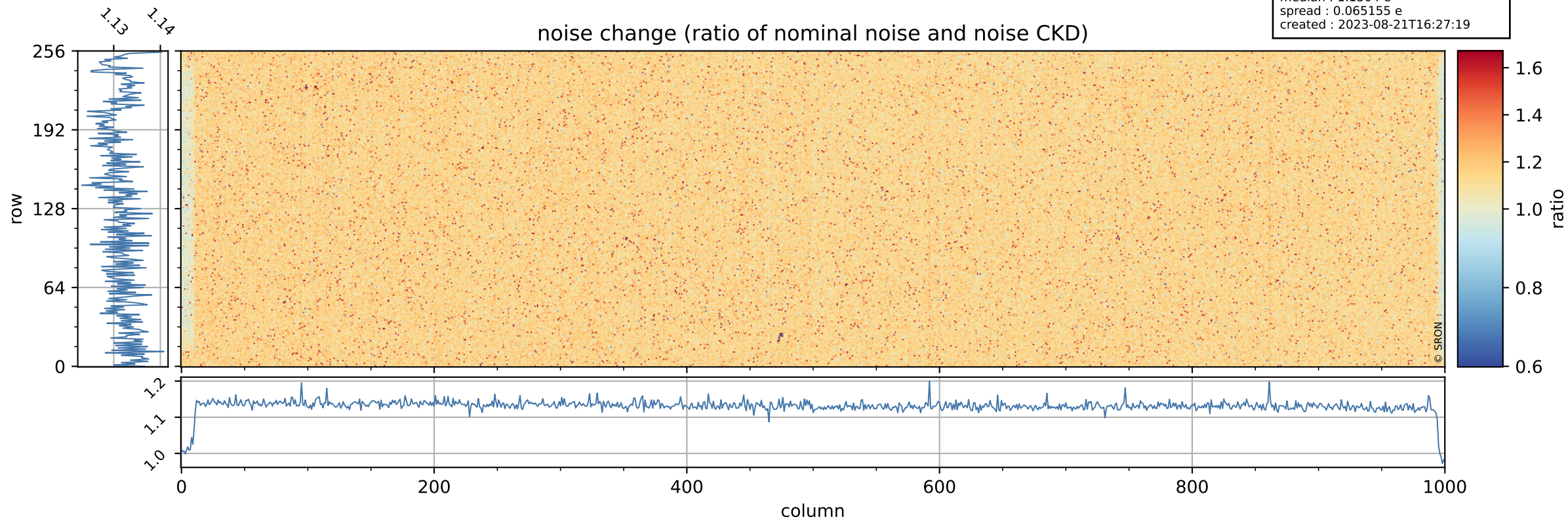
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
median : 1.0029 e
spread : 0.0087224 e
created : 2023-08-21T16:27:19



Tropomi SWIR background noise (swir)

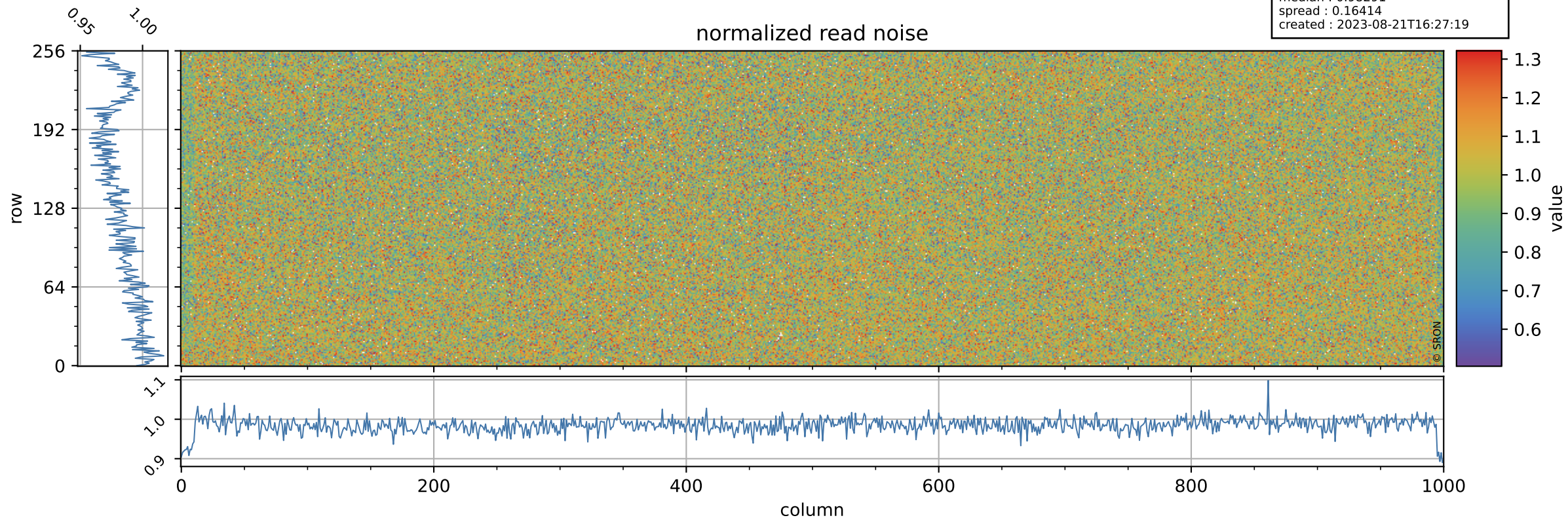
orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
median : 1.1304 e
spread : 0.065155 e
created : 2023-08-21T16:27:19



Tropomi SWIR background noise (swir)

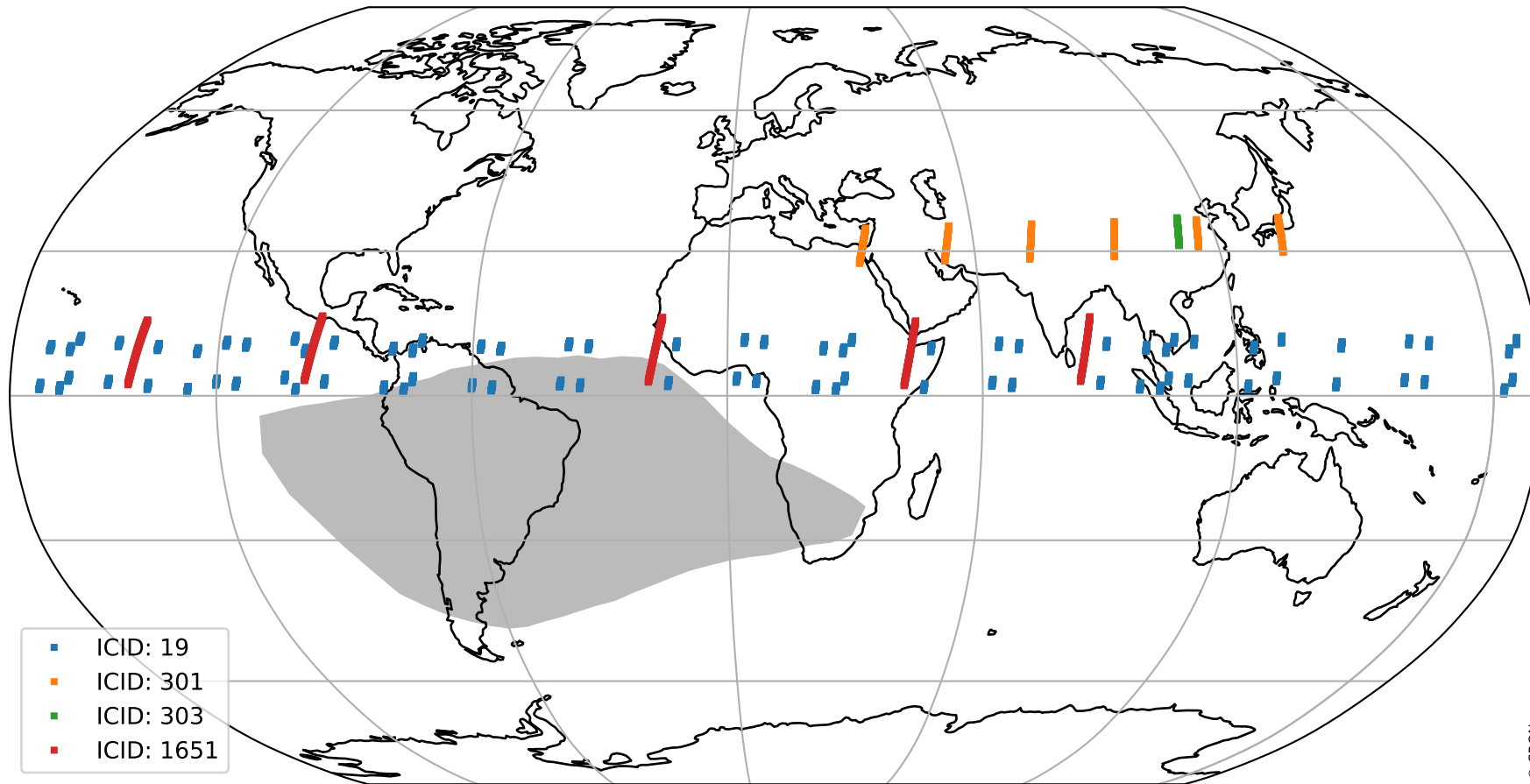
orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
median : 0.98291
spread : 0.16414
created : 2023-08-21T16:27:19

normalized read noise



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

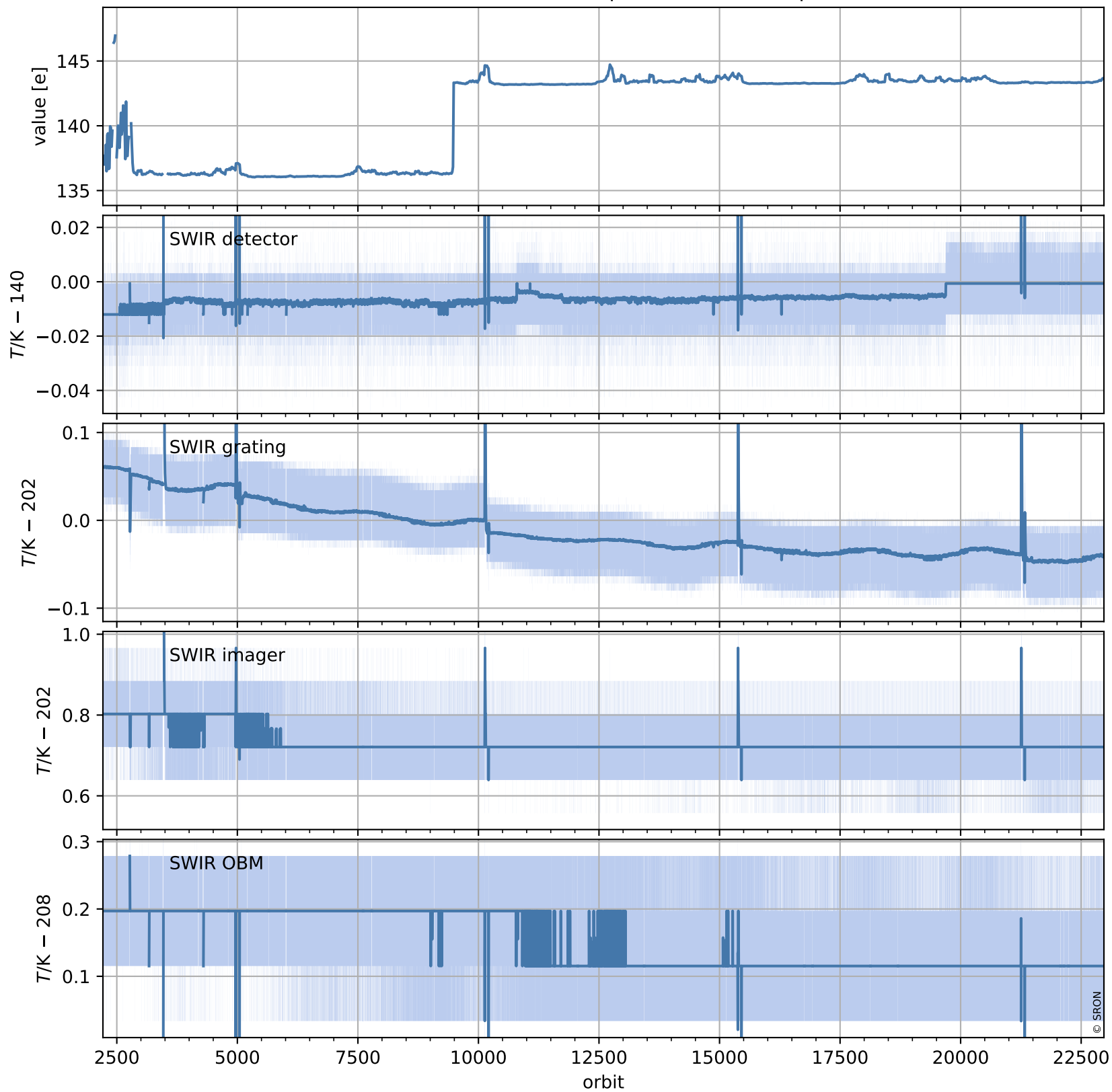
orbits : 12 in [22897, 22972]
coverage : 2022-03-14 / 2022-03-19
created : 2023-08-21T16:27:19



Tropomi SWIR background noise (swir)

orbits : [2212, 22972]
coverage : 2018-03-18 / 2022-03-19
created : 2023-08-21T16:27:20

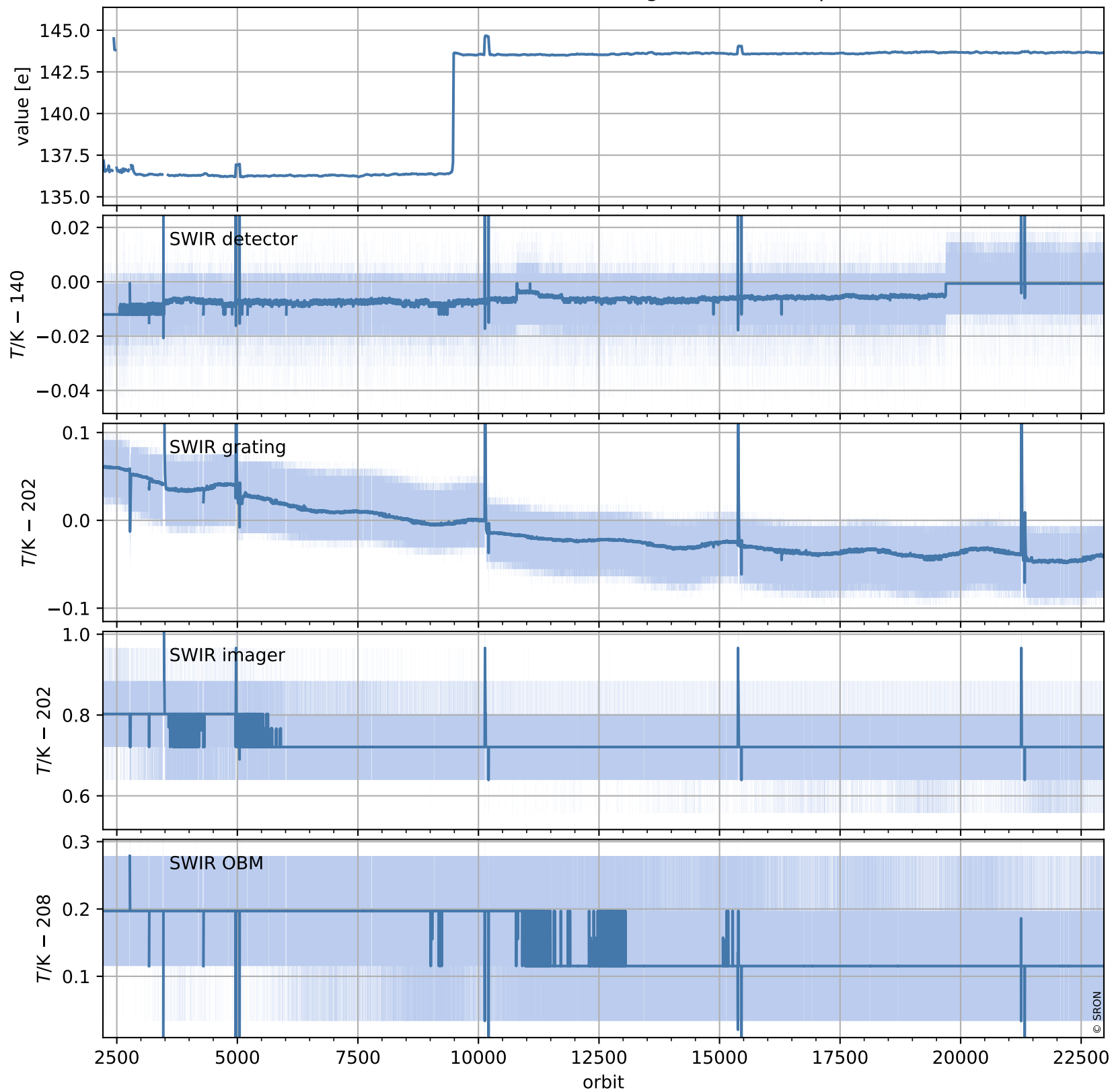
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22972]
coverage : 2018-03-18 / 2022-03-19
created : 2023-08-21T16:27:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22972]
coverage : 2018-03-18 / 2022-03-19
created : 2023-08-21T16:27:22

trend of normalized read-noise & temperatures

