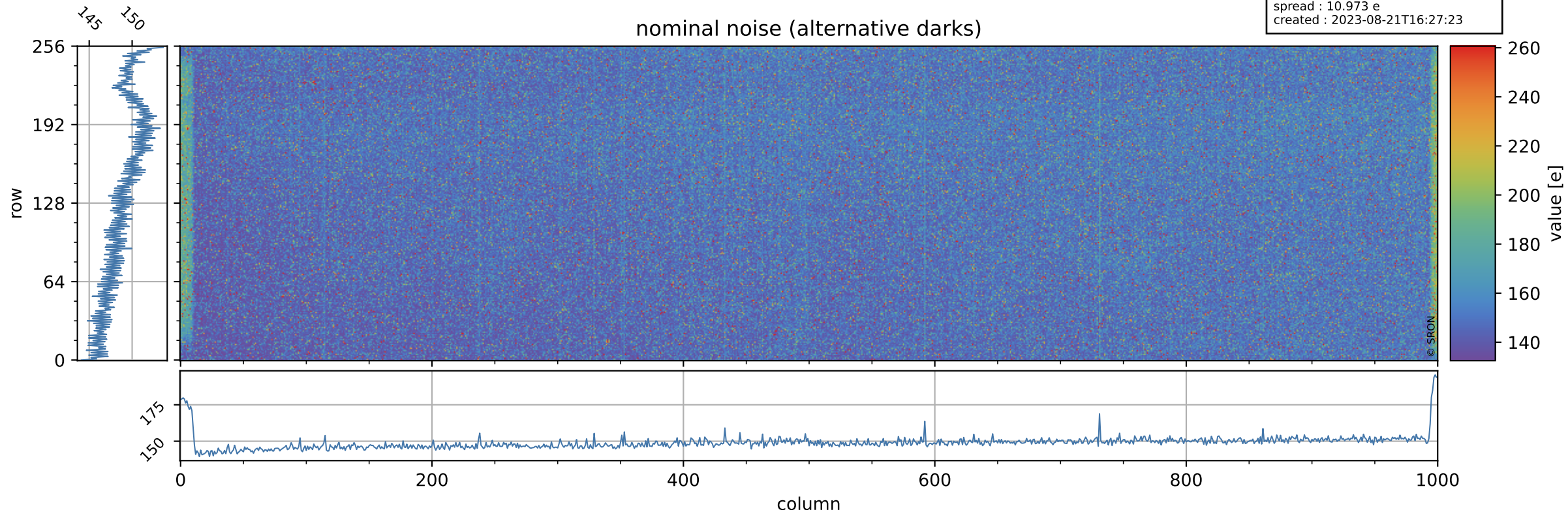


Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.973 e
created : 2023-08-21T16:27:23

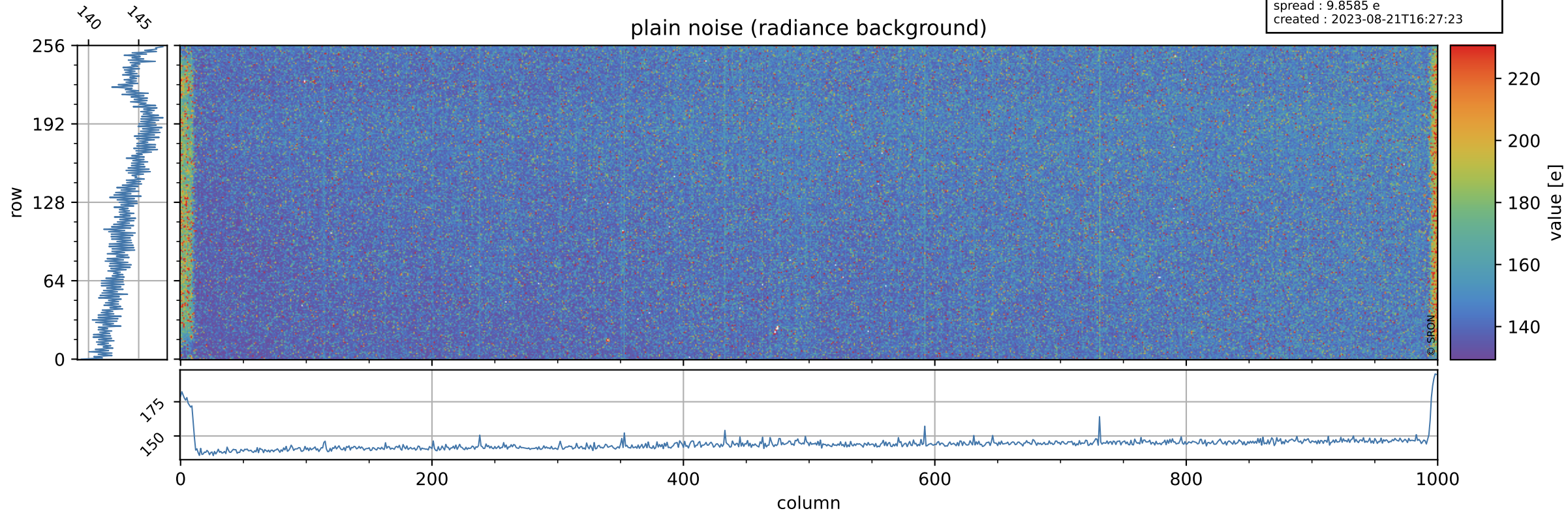
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8585 e
created : 2023-08-21T16:27:23

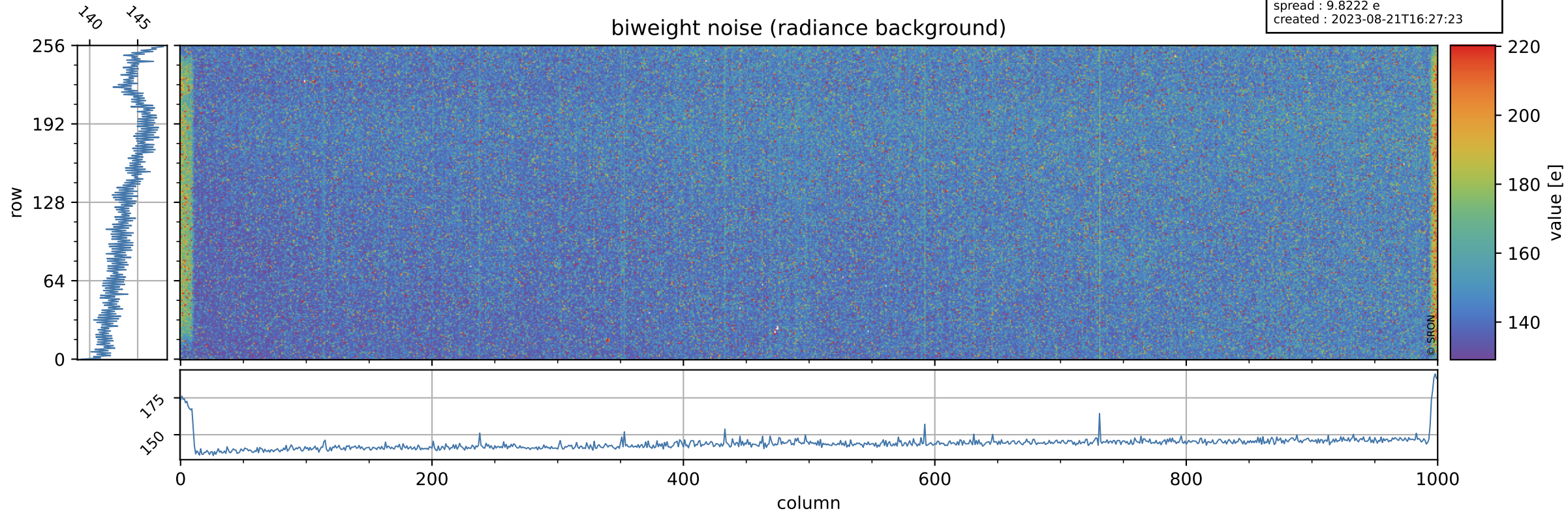
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8222 e
created : 2023-08-21T16:27:23

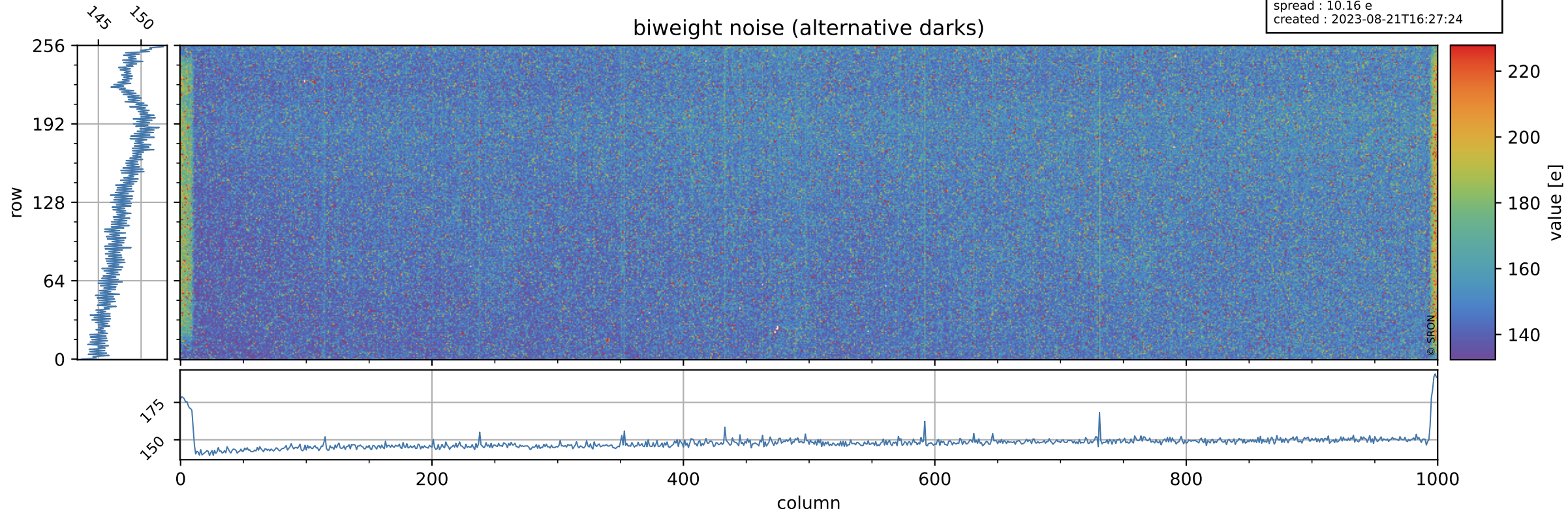
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.16 e
created : 2023-08-21T16:27:24

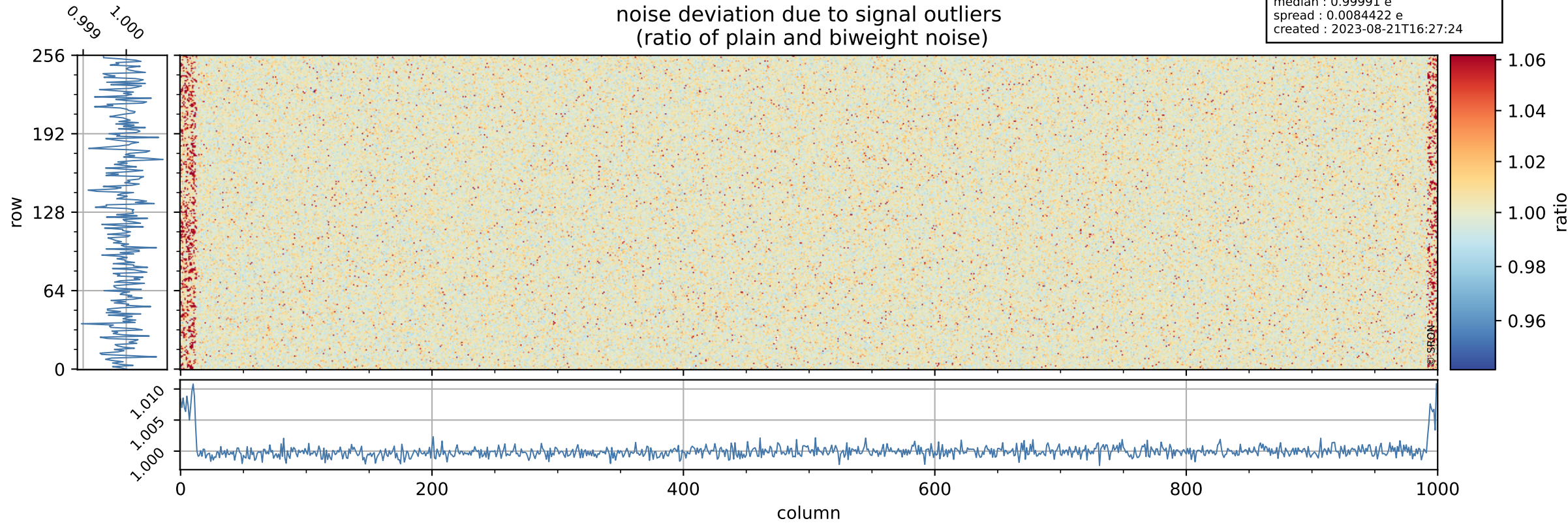
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

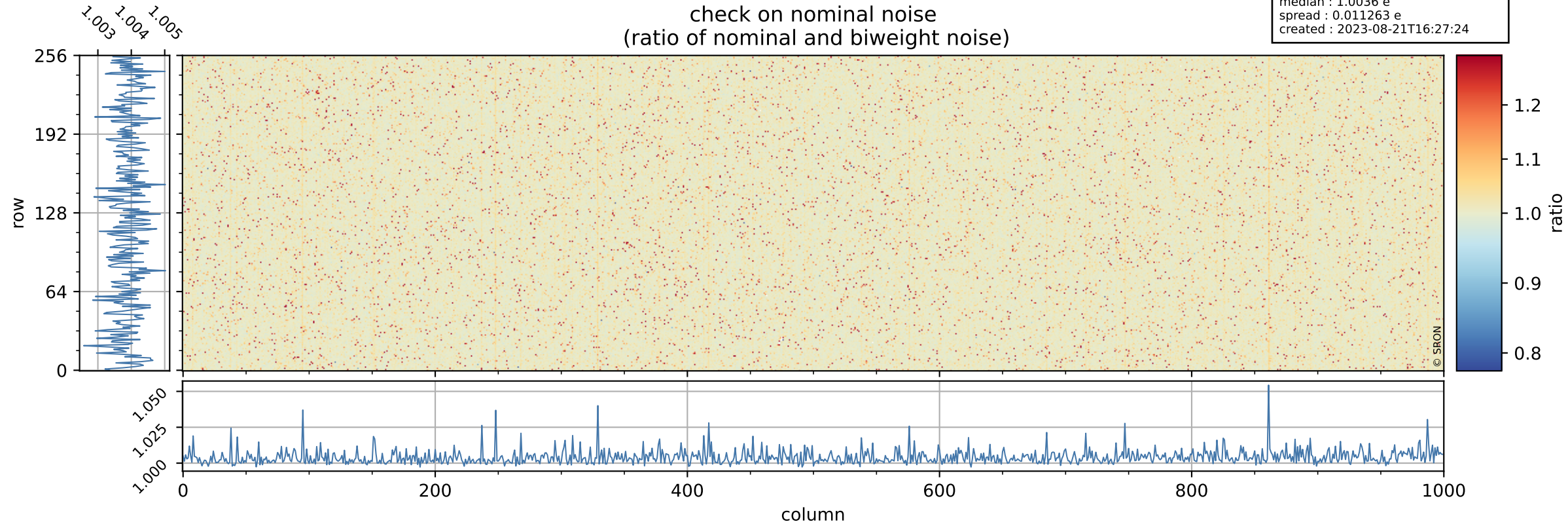
orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
median : 0.99991 e
spread : 0.0084422 e
created : 2023-08-21T16:27:24



Tropomi SWIR background noise (swir)

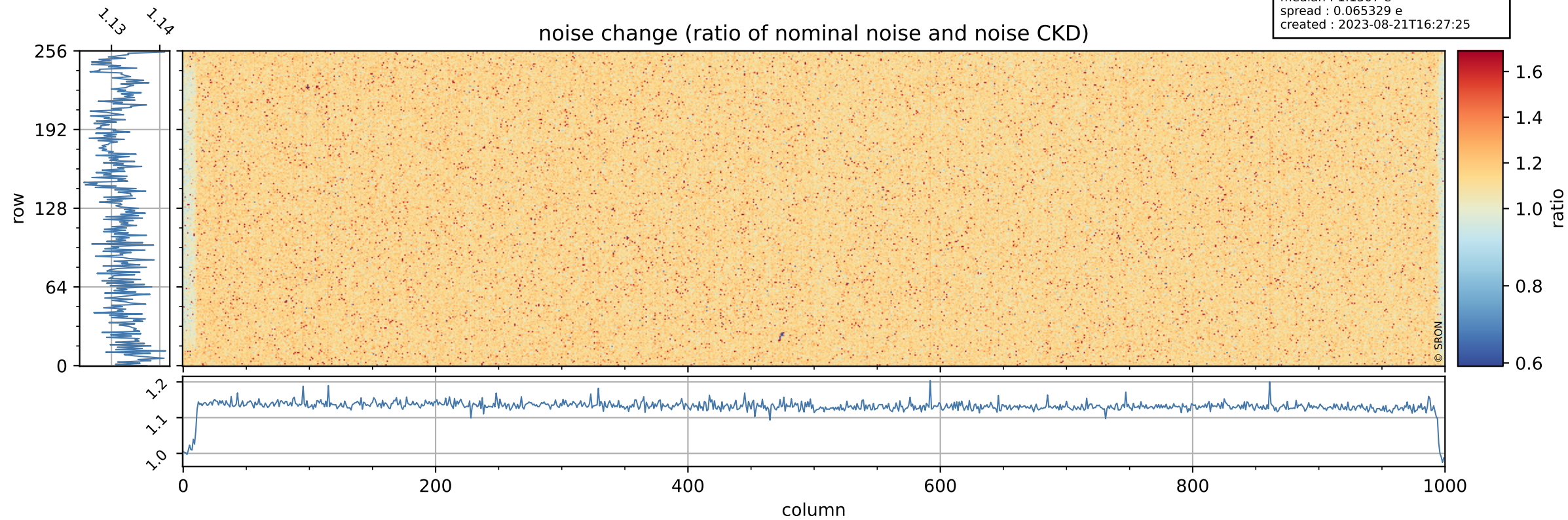
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
median : 1.0036 e
spread : 0.011263 e
created : 2023-08-21T16:27:24



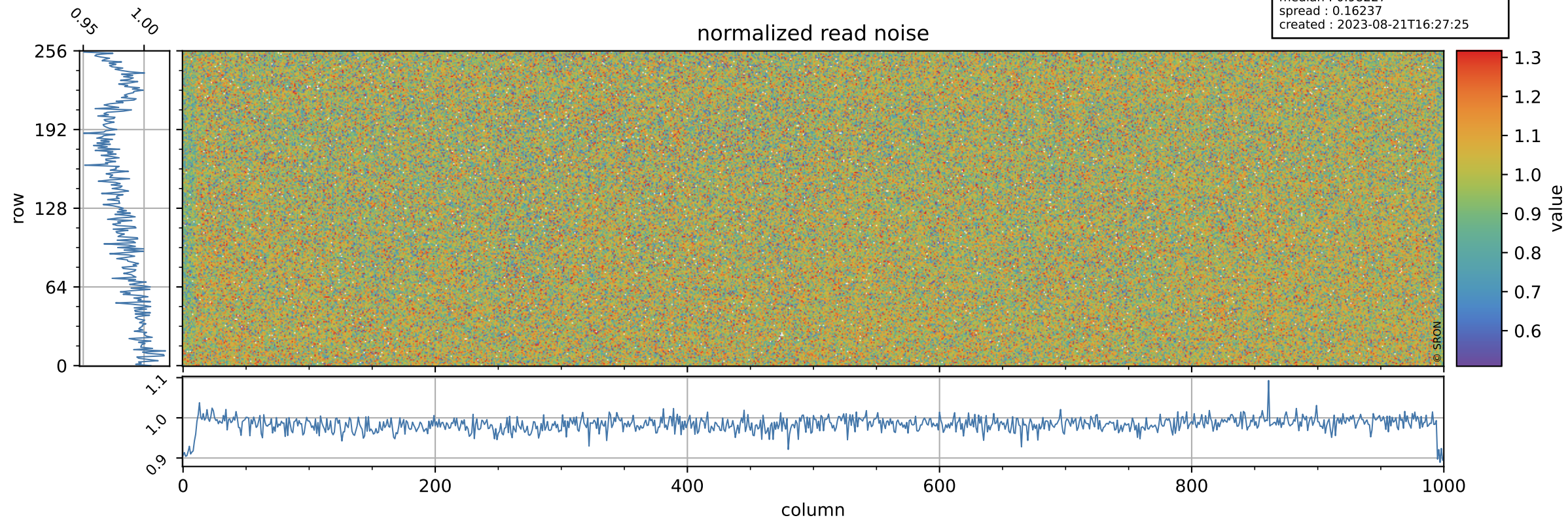
Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
median : 1.1307 e
spread : 0.065329 e
created : 2023-08-21T16:27:25



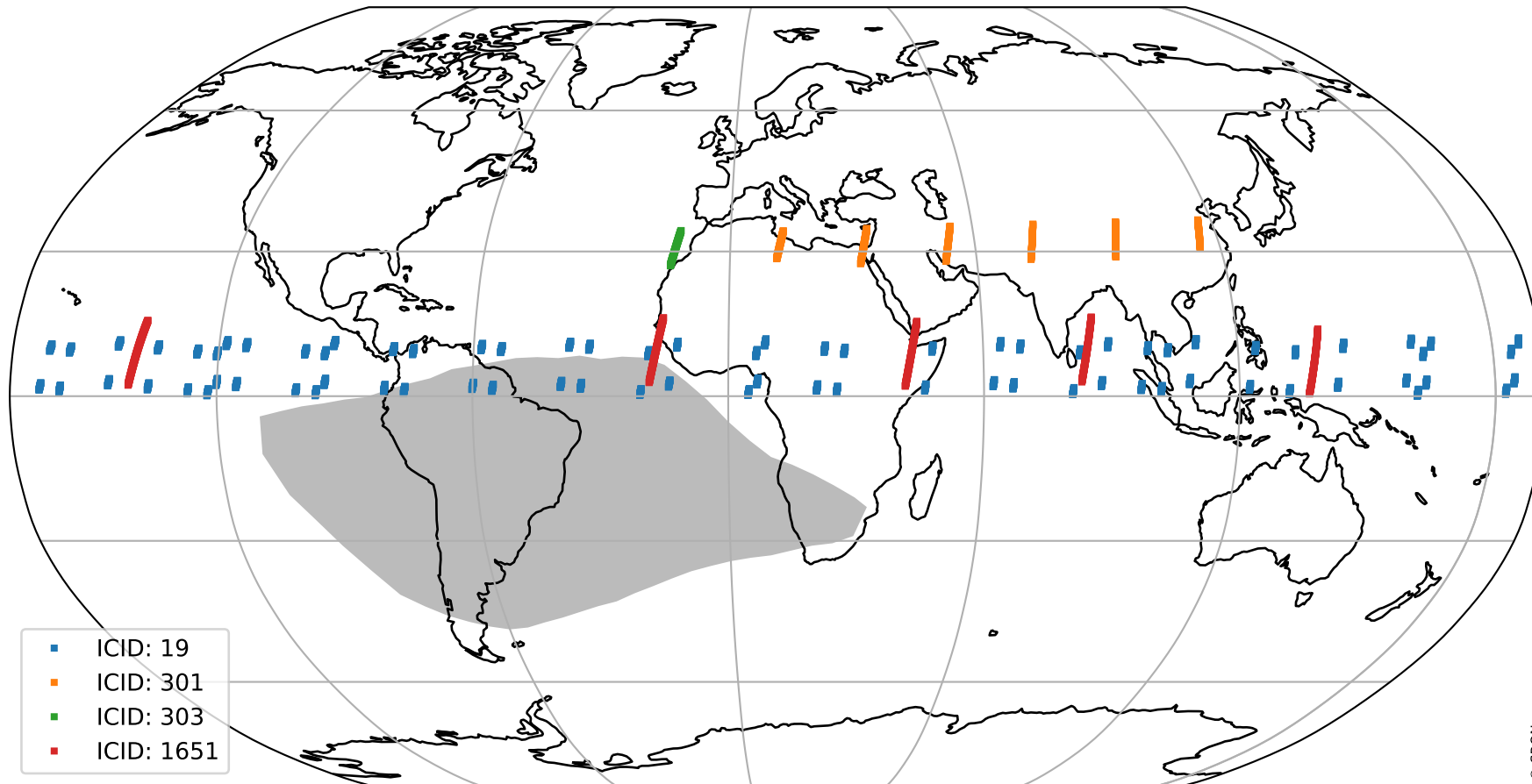
Tropomi SWIR background noise (swir)

orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
median : 0.98227
spread : 0.16237
created : 2023-08-21T16:27:25



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

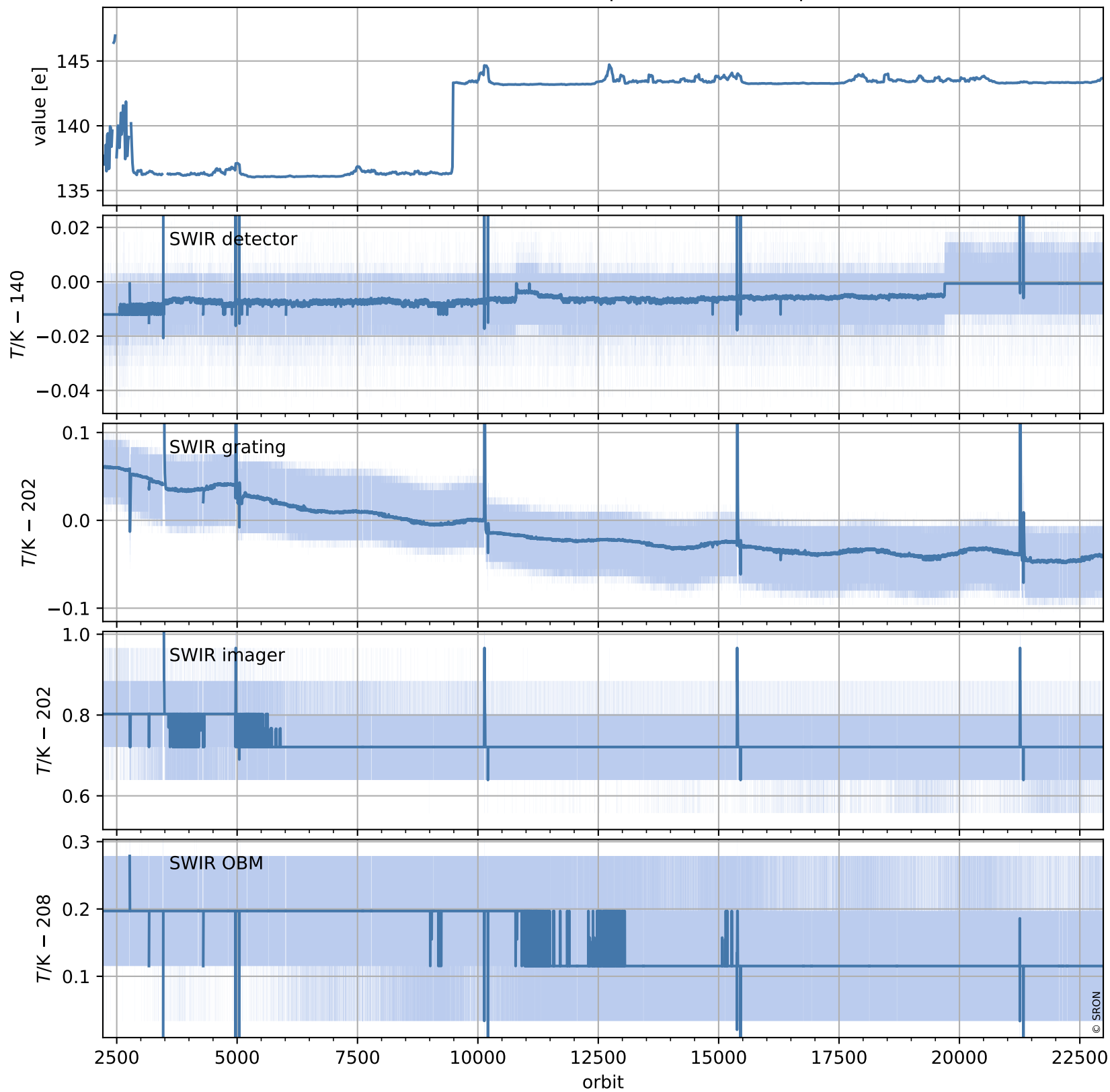
orbits : 12 in [22897, 22987]
coverage : 2022-03-15 / 2022-03-21
created : 2023-08-21T16:27:25



Tropomi SWIR background noise (swir)

orbits : [2212, 22987]
coverage : 2018-03-18 / 2022-03-21
created : 2023-08-21T16:27:26

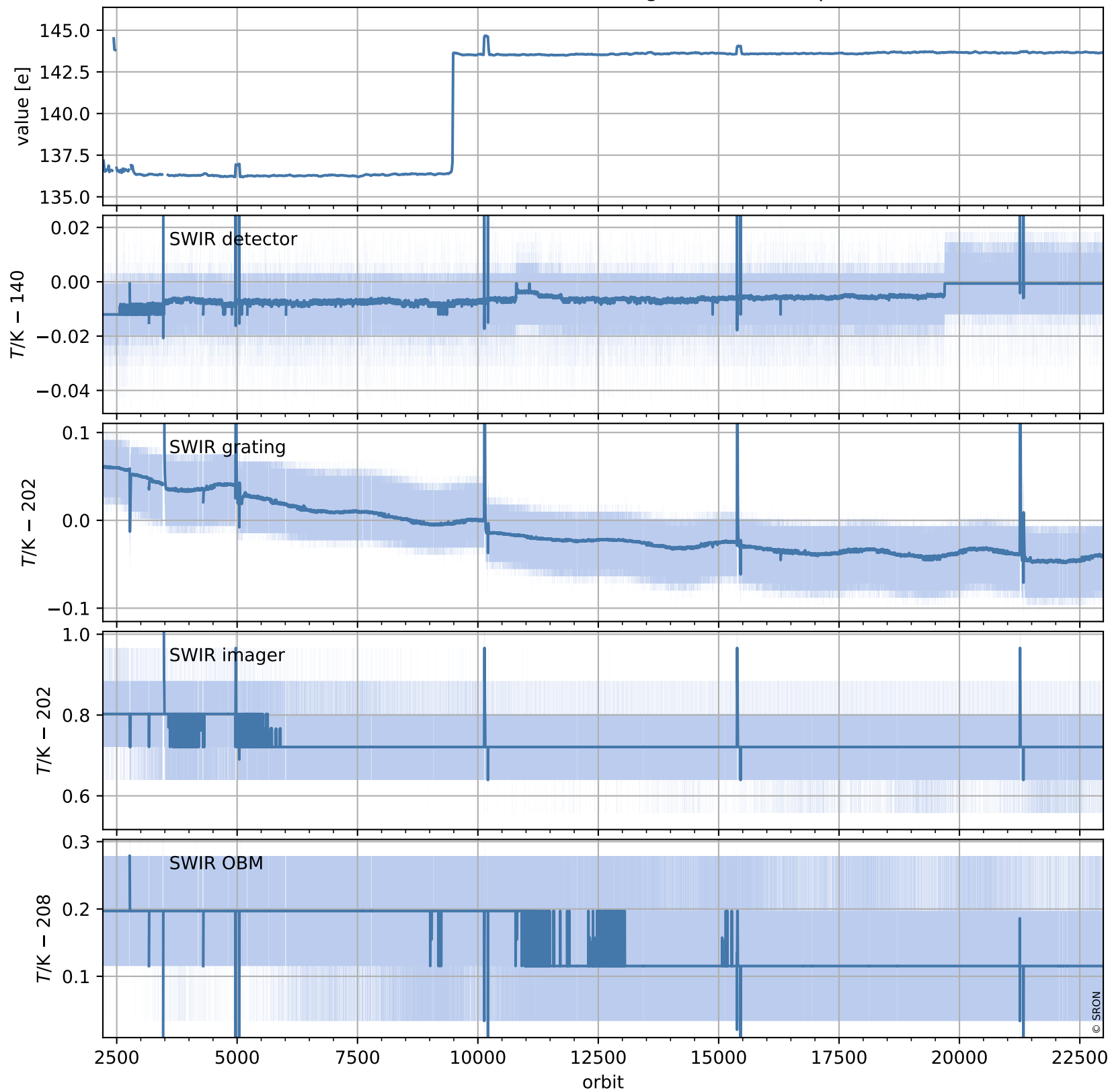
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22987]
coverage : 2018-03-18 / 2022-03-21
created : 2023-08-21T16:27:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22987]
coverage : 2018-03-18 / 2022-03-21
created : 2023-08-21T16:27:27

trend of normalized read-noise & temperatures

