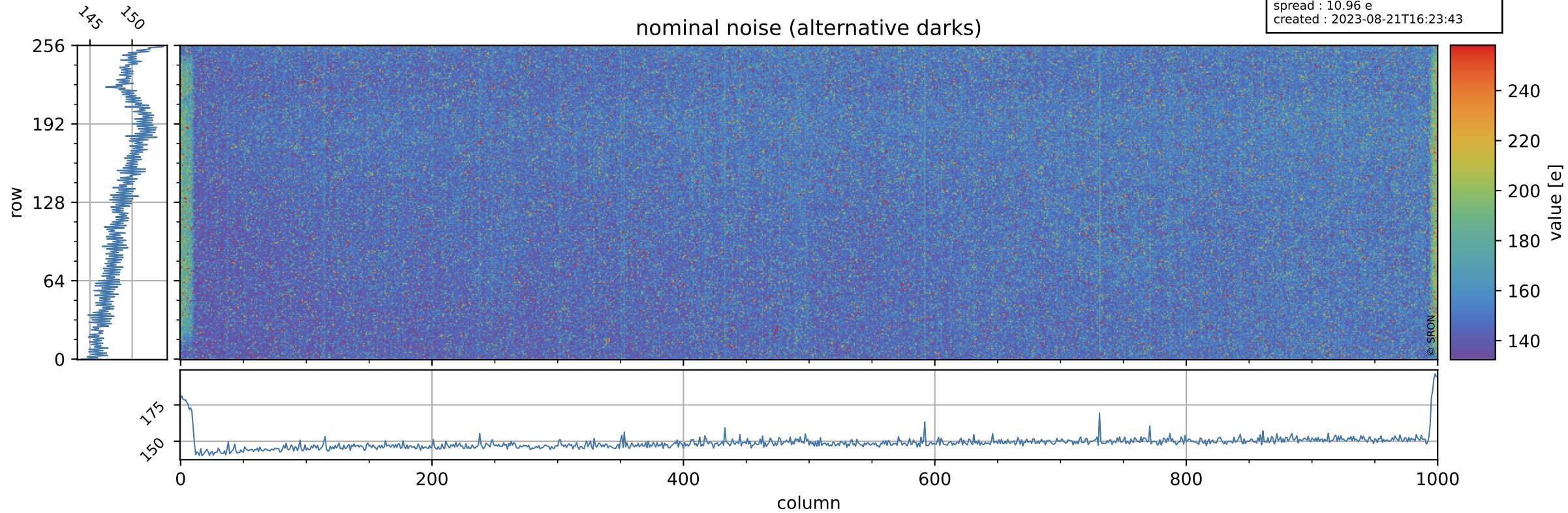


Tropomi SWIR background noise (swir)

orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.96 e
created : 2023-08-21T16:23:43

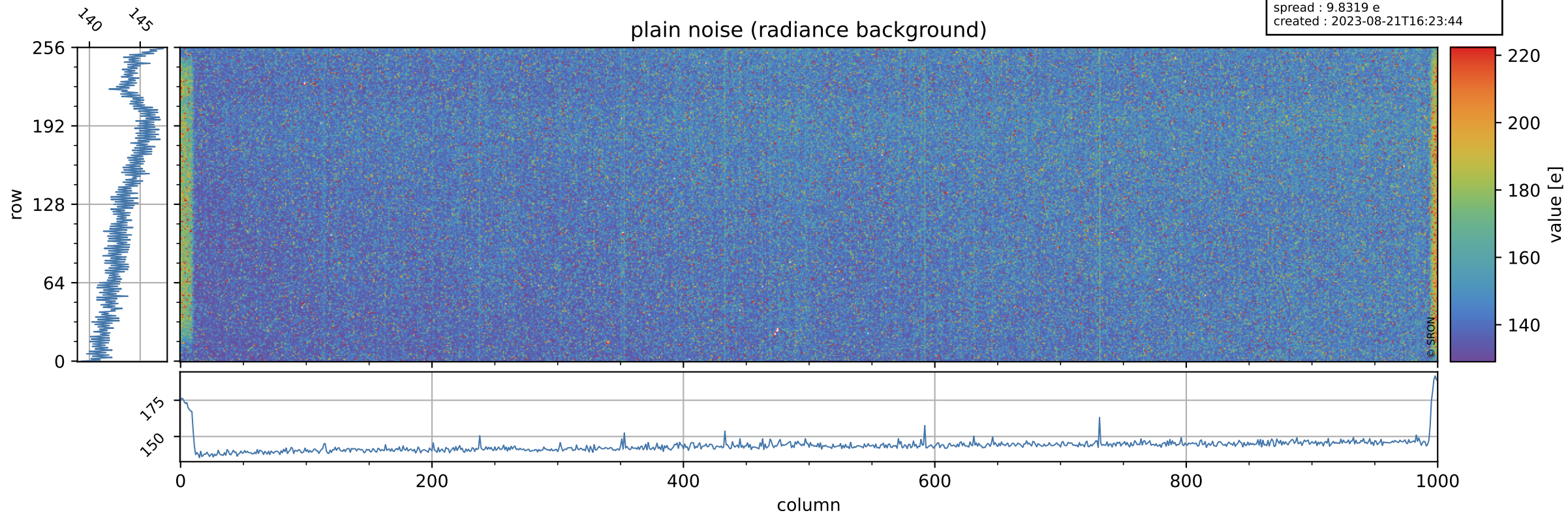
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8319 e
created : 2023-08-21T16:23:44

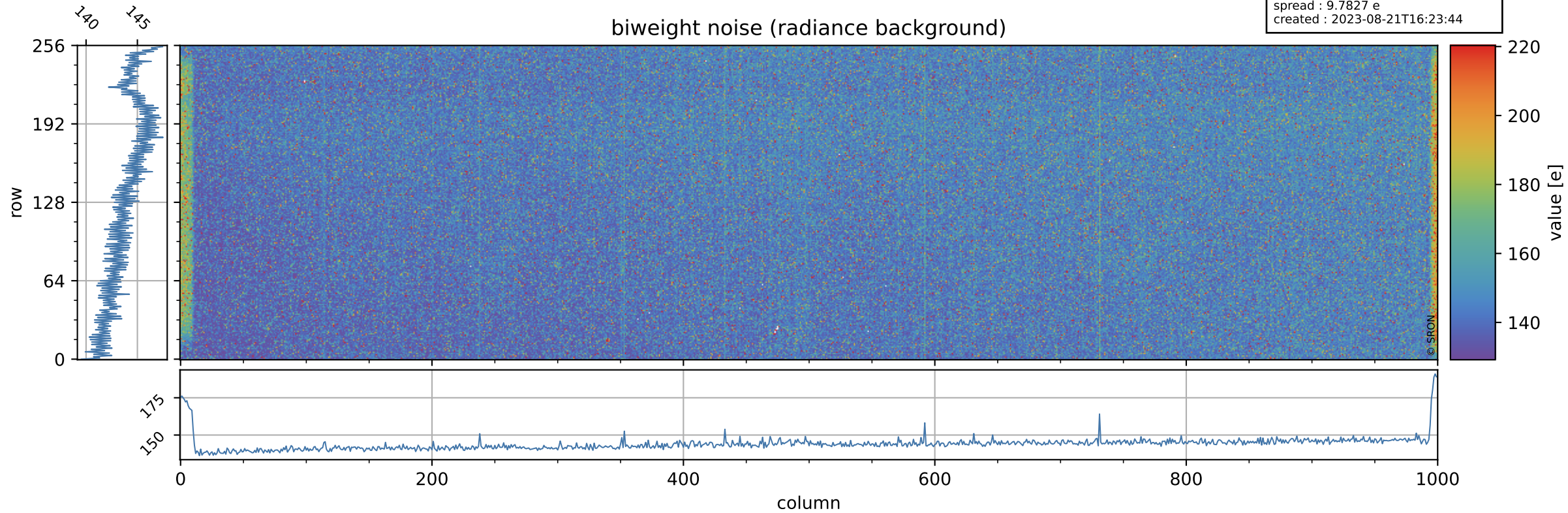
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7827 e
created : 2023-08-21T16:23:44

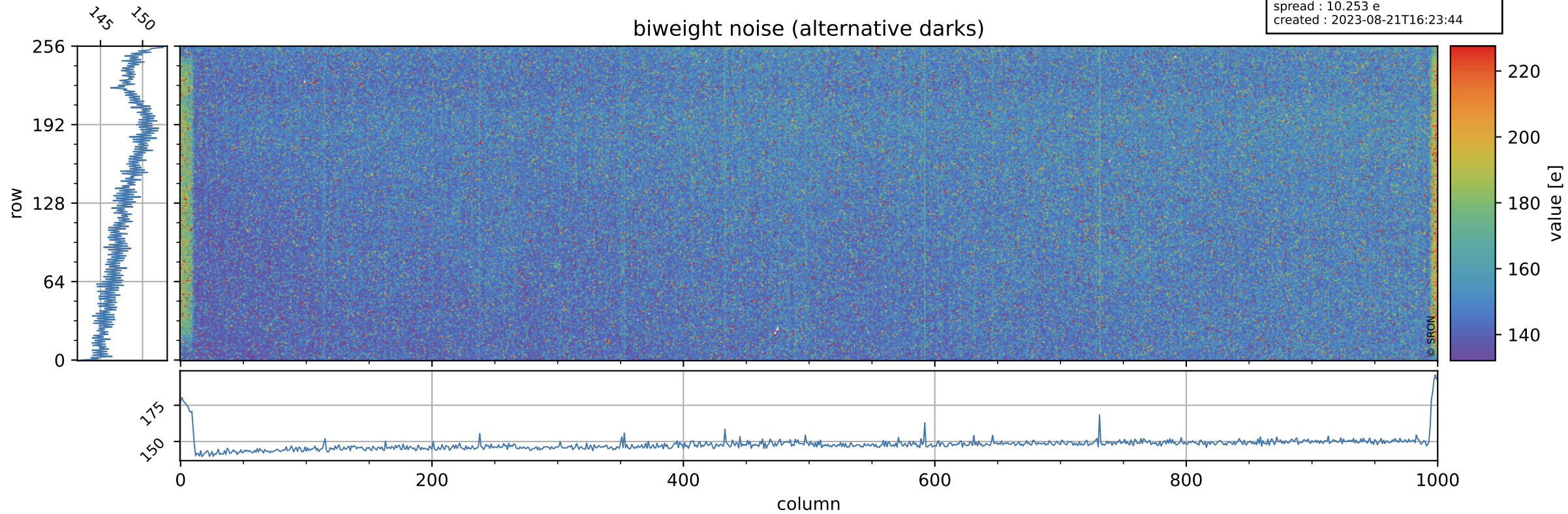
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.253 e
created : 2023-08-21T16:23:44

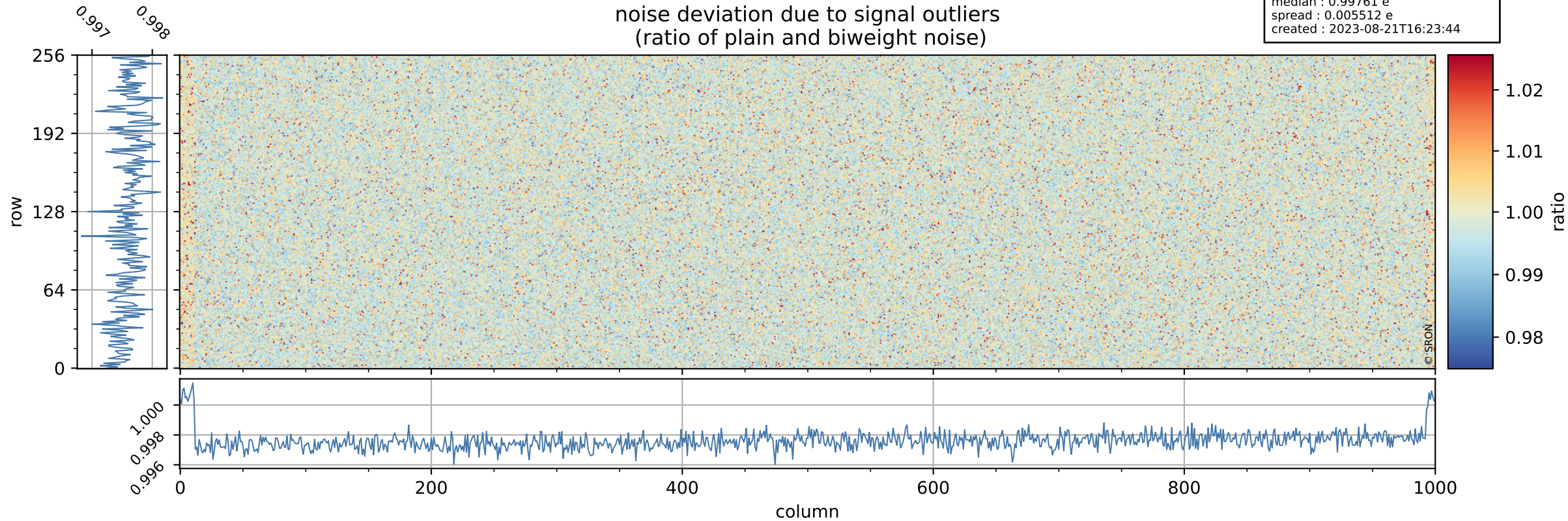
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

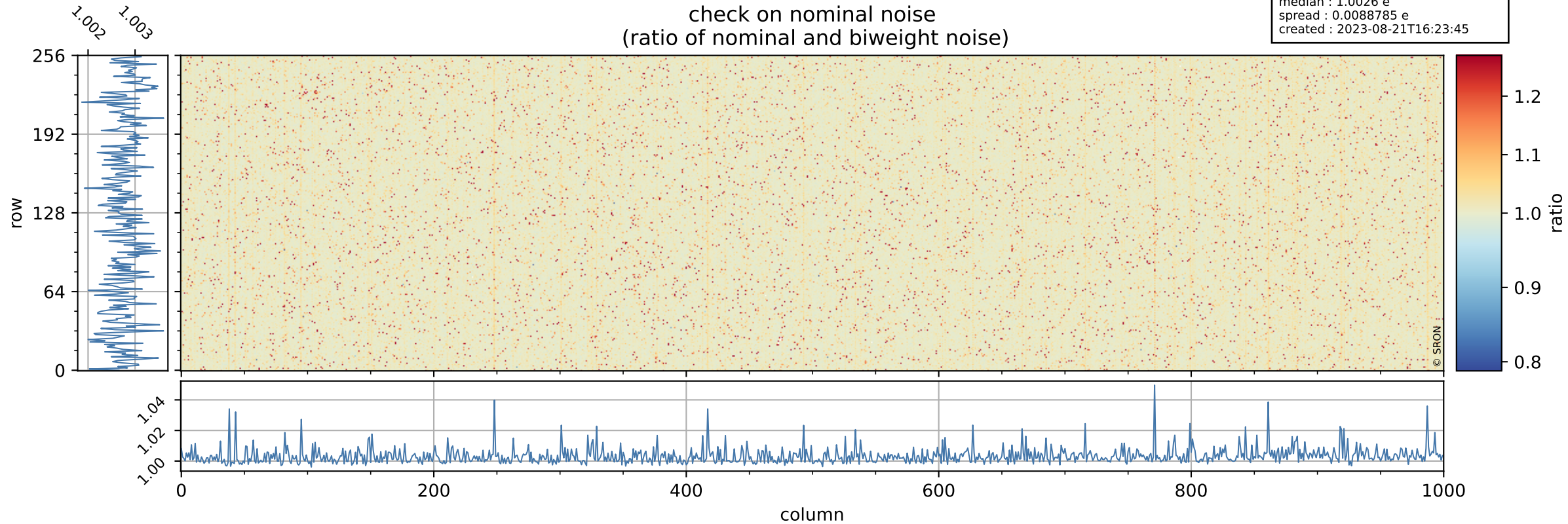
orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
median : 0.99761 e
spread : 0.005512 e
created : 2023-08-21T16:23:44



Tropomi SWIR background noise (swir)

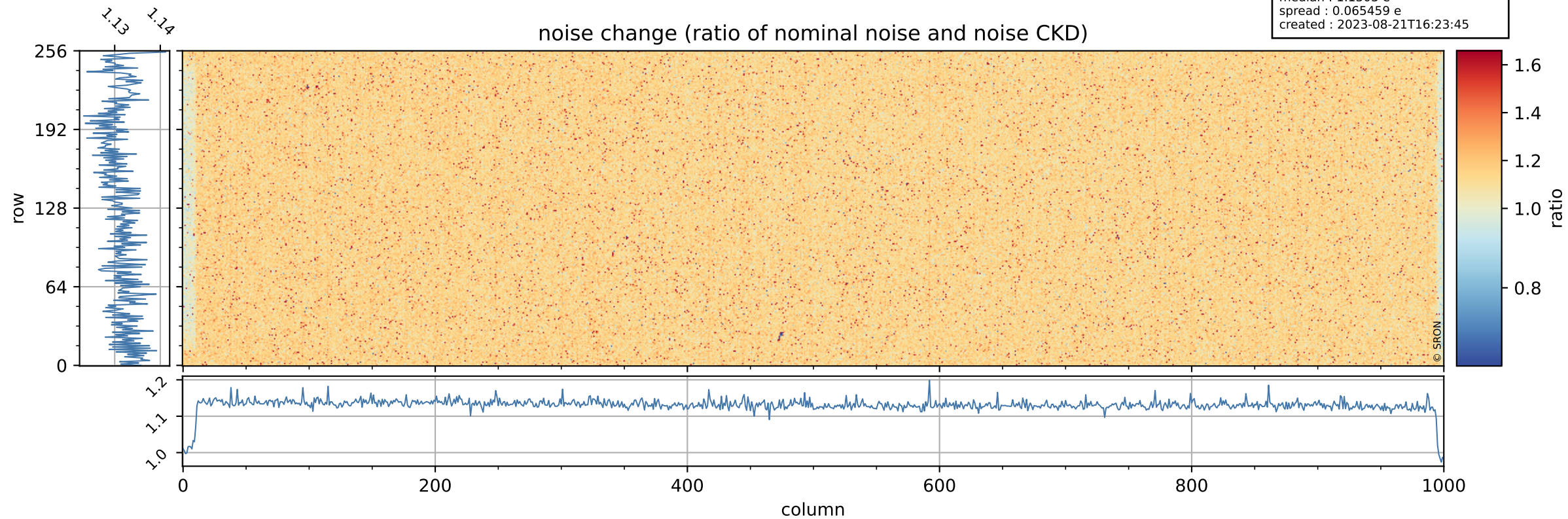
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
median : 1.0026 e
spread : 0.0088785 e
created : 2023-08-21T16:23:45



Tropomi SWIR background noise (swir)

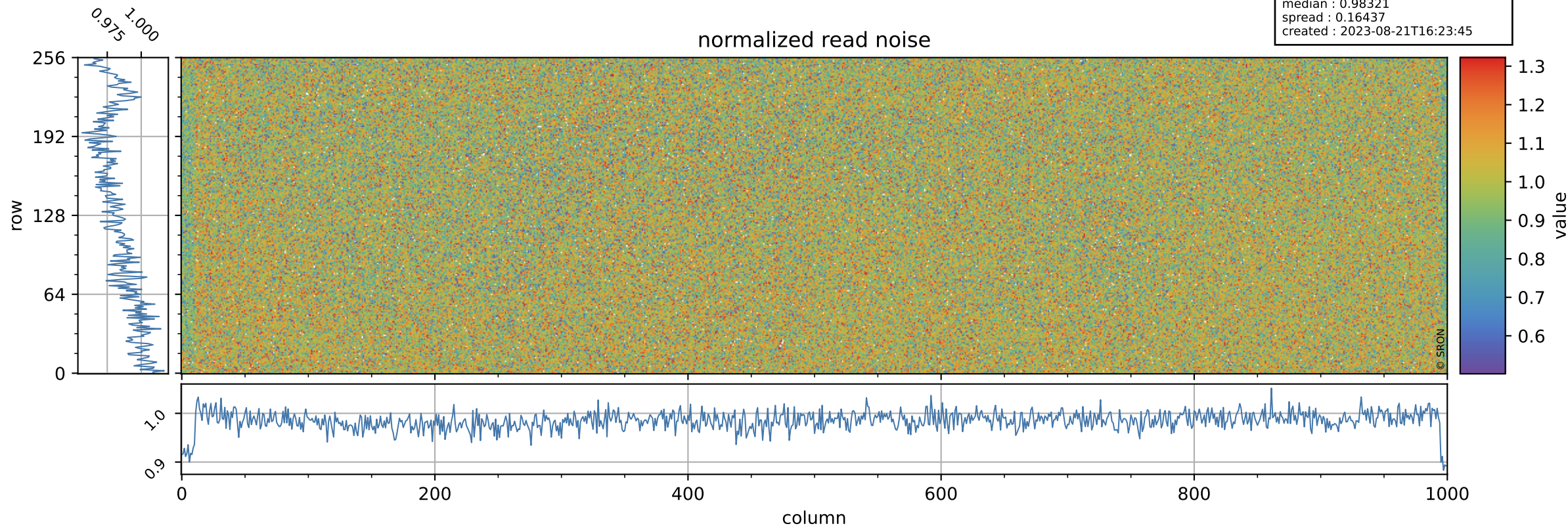
orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
median : 1.1303 e
spread : 0.065459 e
created : 2023-08-21T16:23:45



Tropomi SWIR background noise (swir)

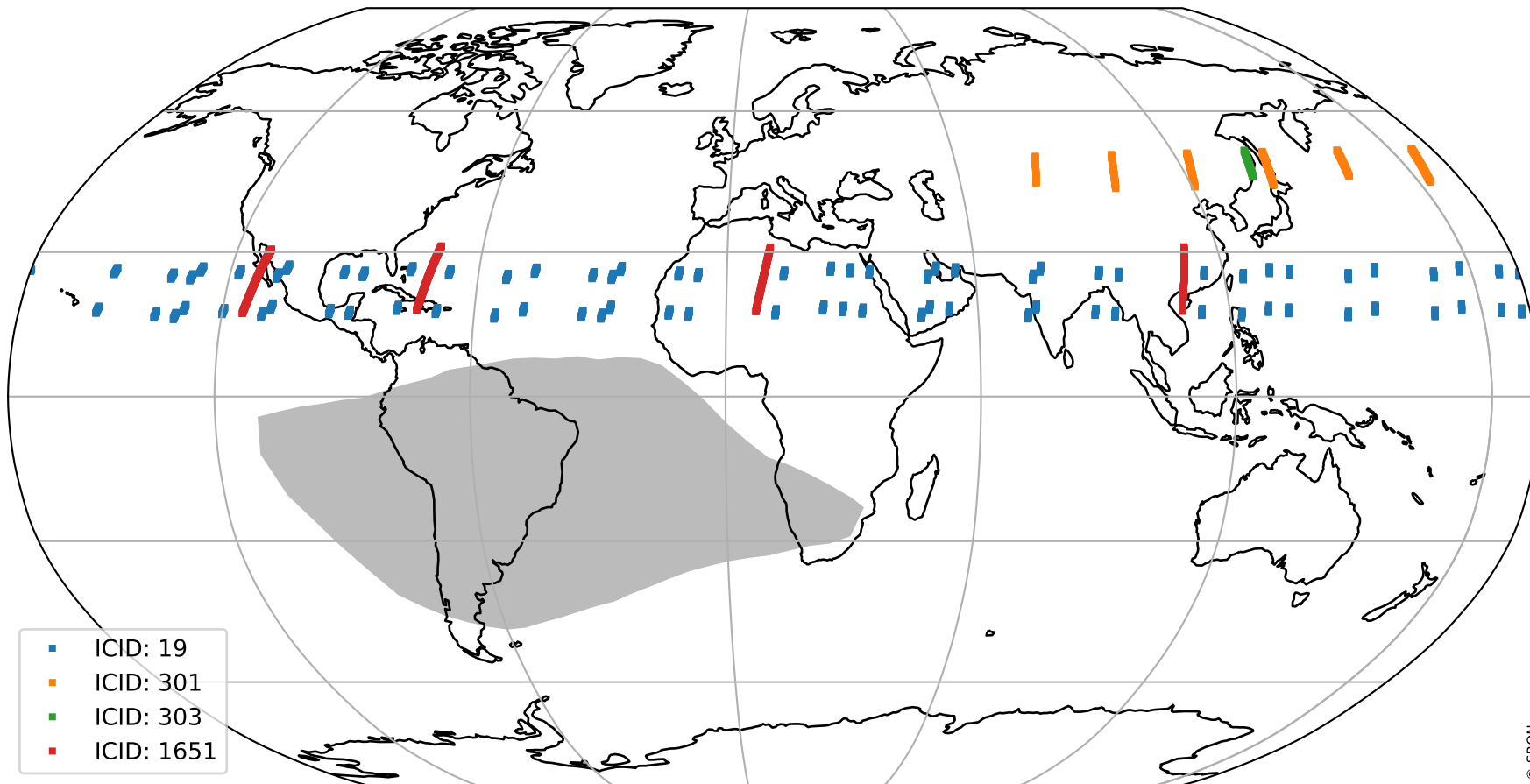
orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
median : 0.98321
spread : 0.16437
created : 2023-08-21T16:23:45

normalized read noise



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

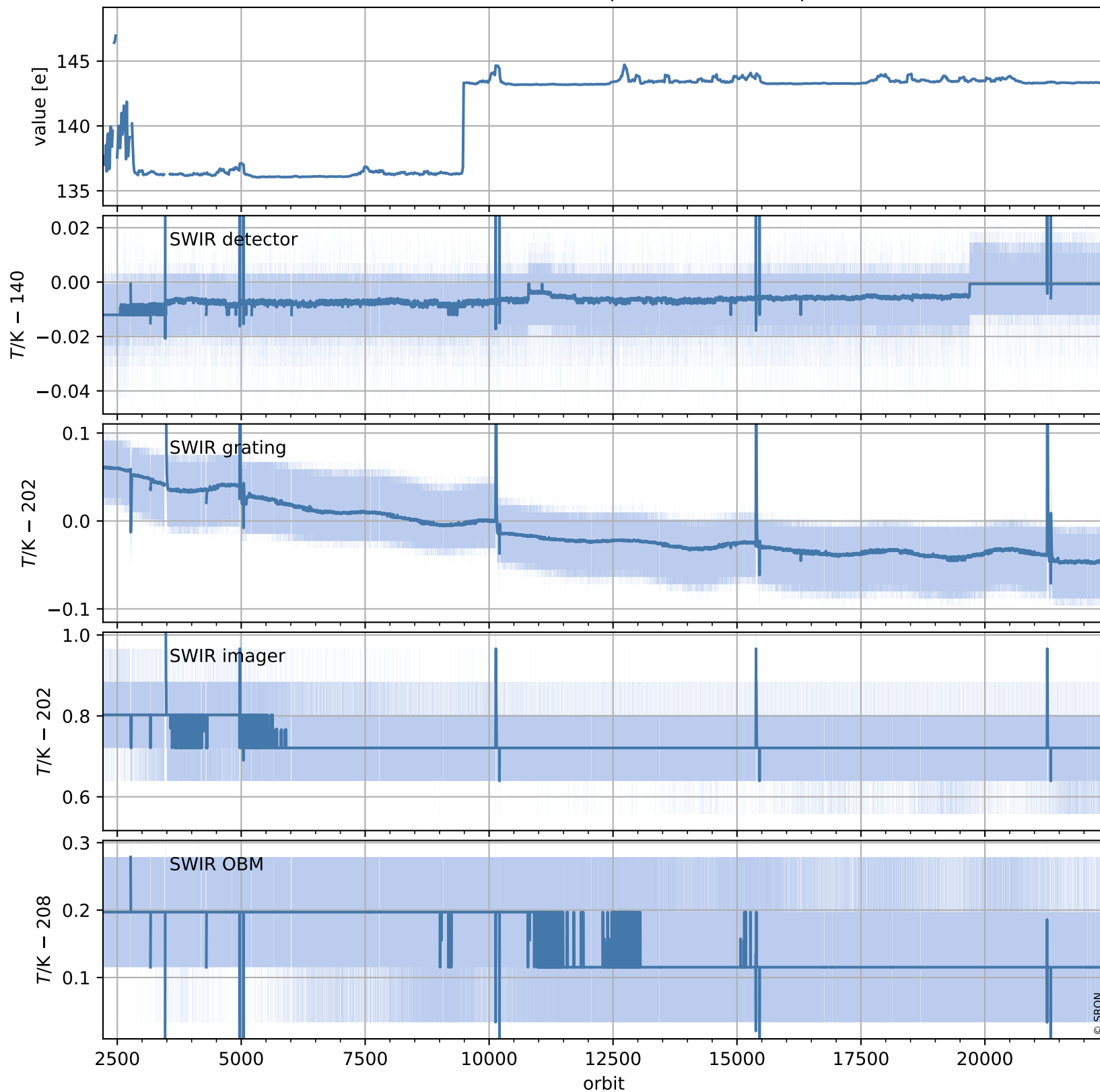
orbits : 11 in [22342, 22417]
coverage : 2022-02-03 / 2022-02-08
created : 2023-08-21T16:23:46



Tropomi SWIR background noise (swir)

orbits : [2212, 22417]
coverage : 2018-03-18 / 2022-02-08
created : 2023-08-21T16:23:46

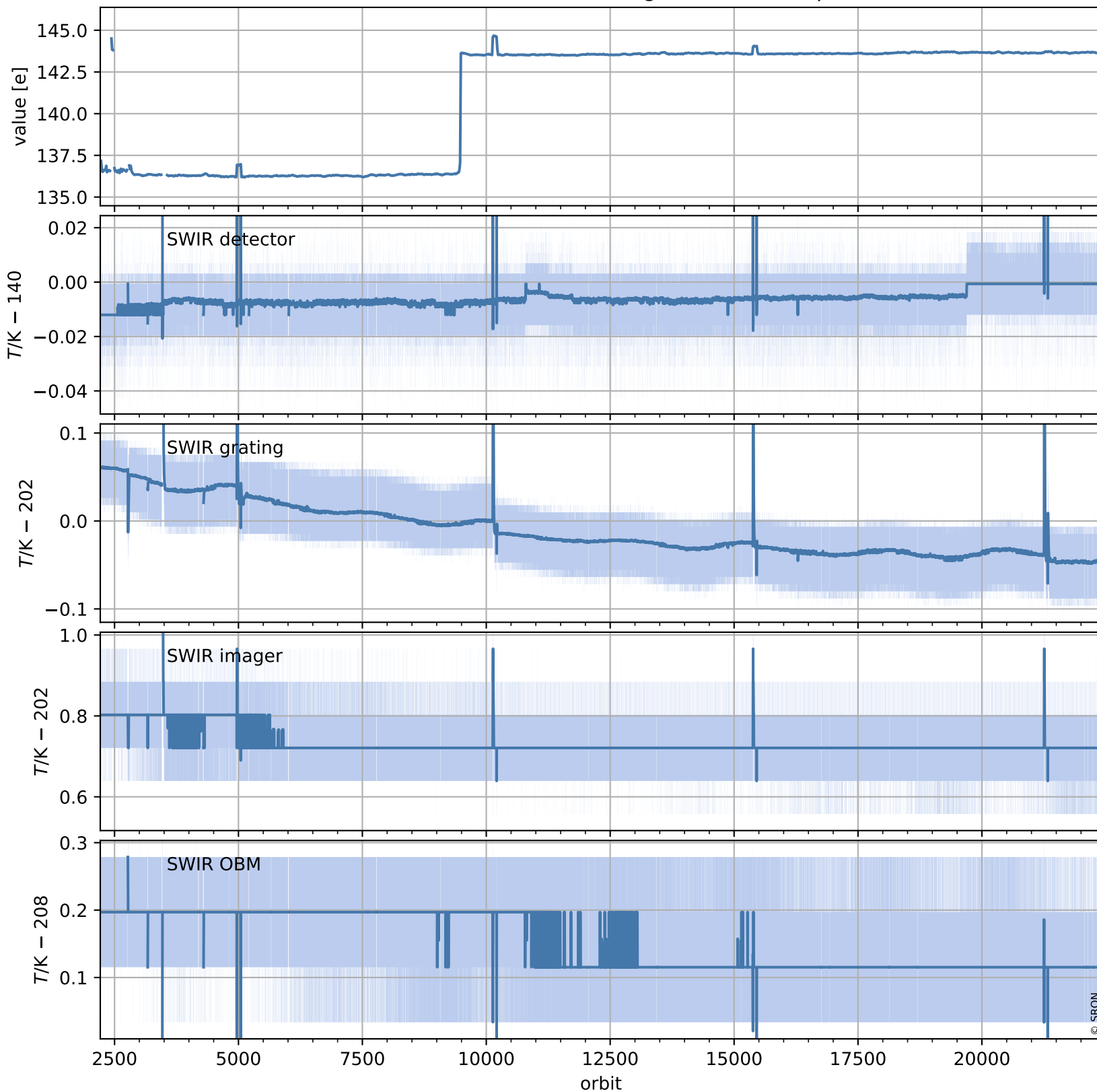
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22417]
coverage : 2018-03-18 / 2022-02-08
created : 2023-08-21T16:23:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22417]
coverage : 2018-03-18 / 2022-02-08
created : 2023-08-21T16:23:48

trend of normalized read-noise & temperatures

