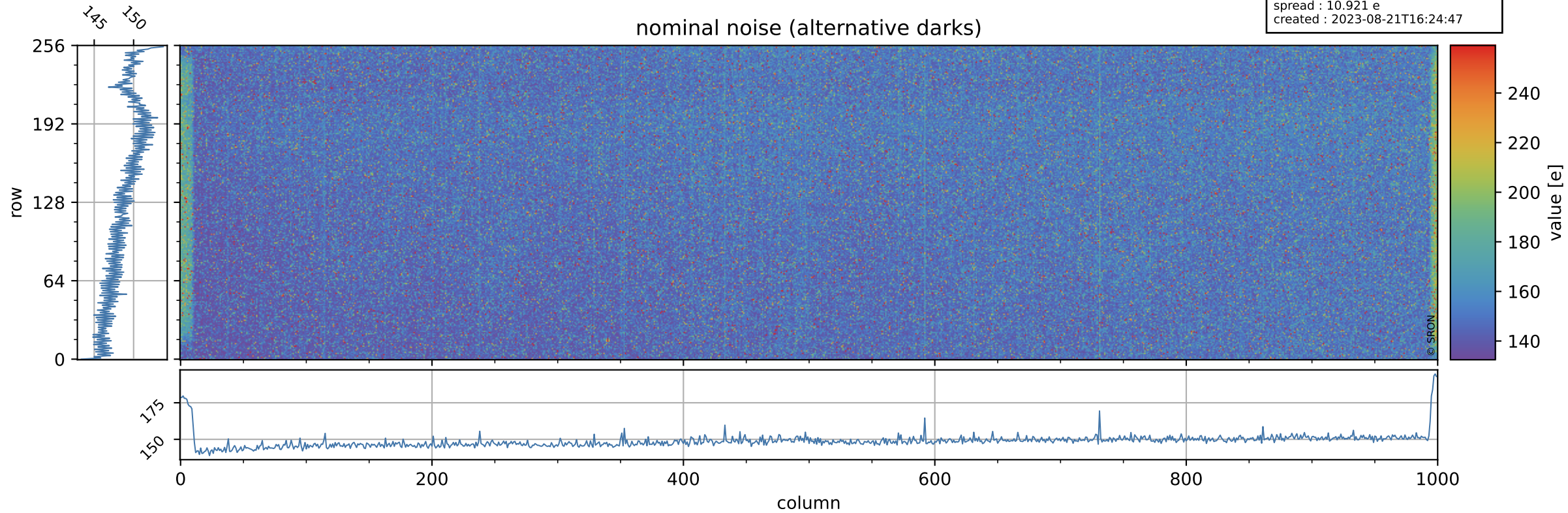


Tropomi SWIR background noise (swir)

orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.921 e
created : 2023-08-21T16:24:47

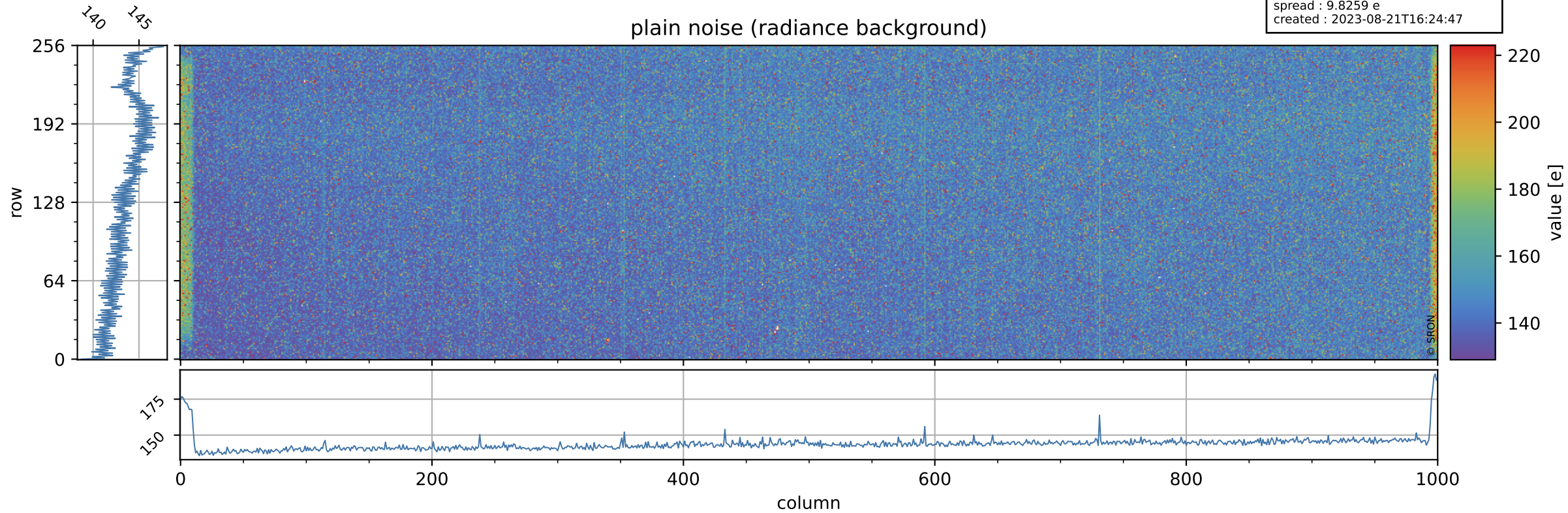
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8259 e
created : 2023-08-21T16:24:47

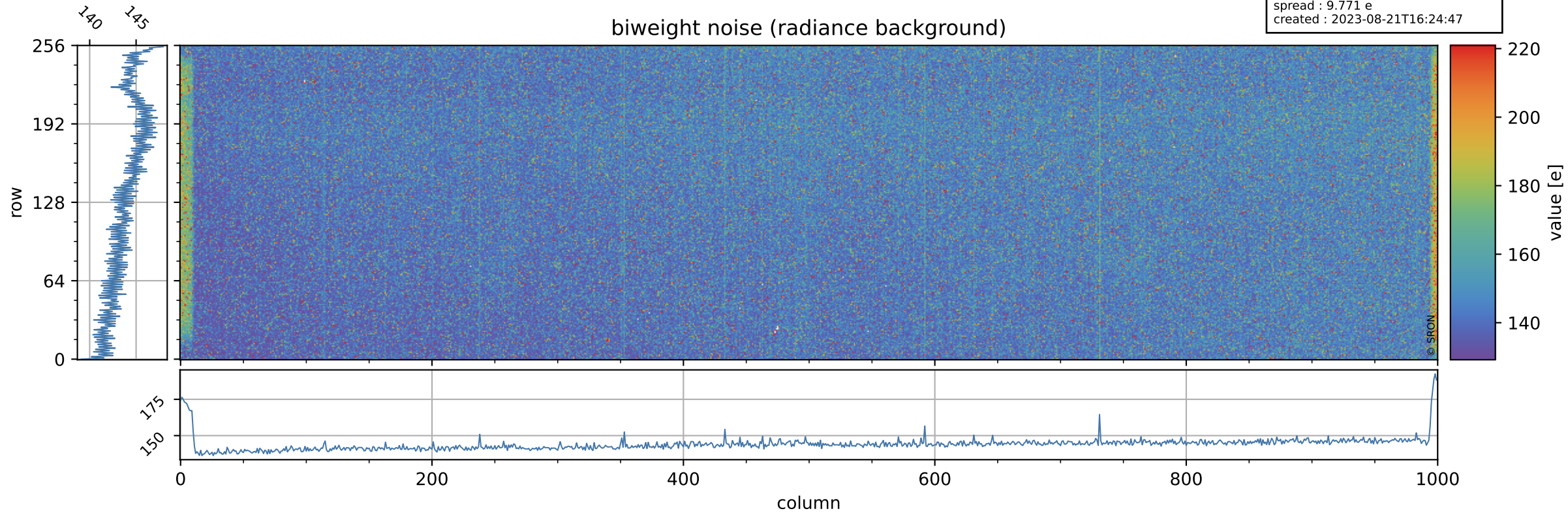
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.771 e
created : 2023-08-21T16:24:47

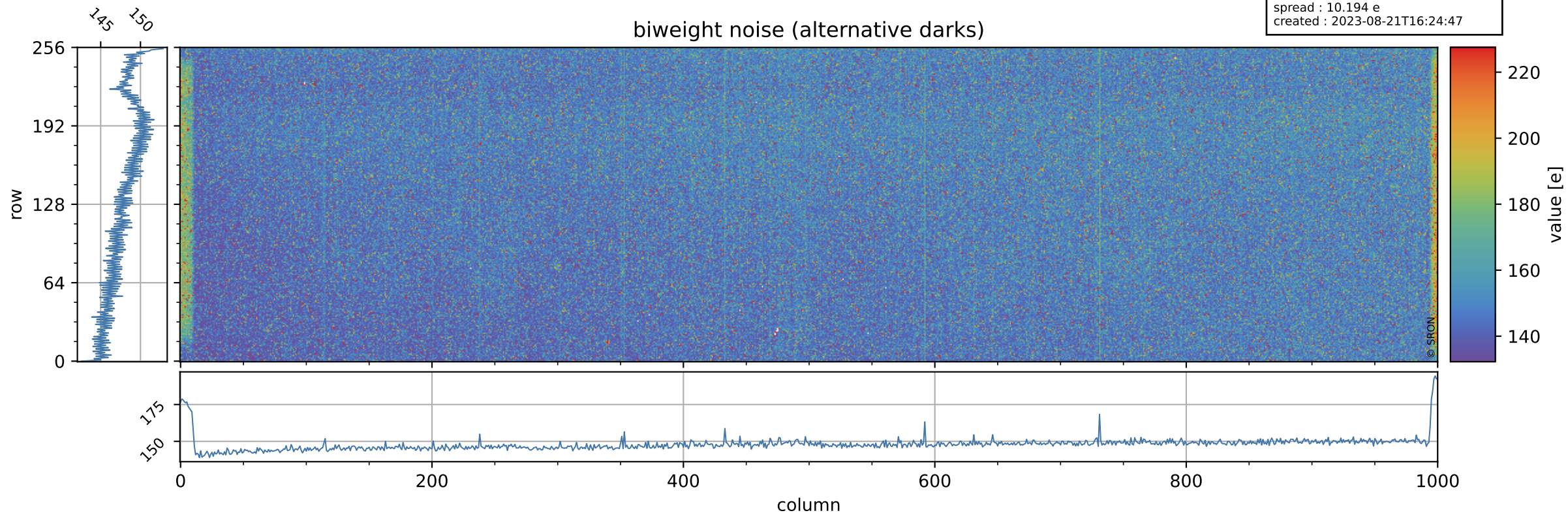
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.194 e
created : 2023-08-21T16:24:47

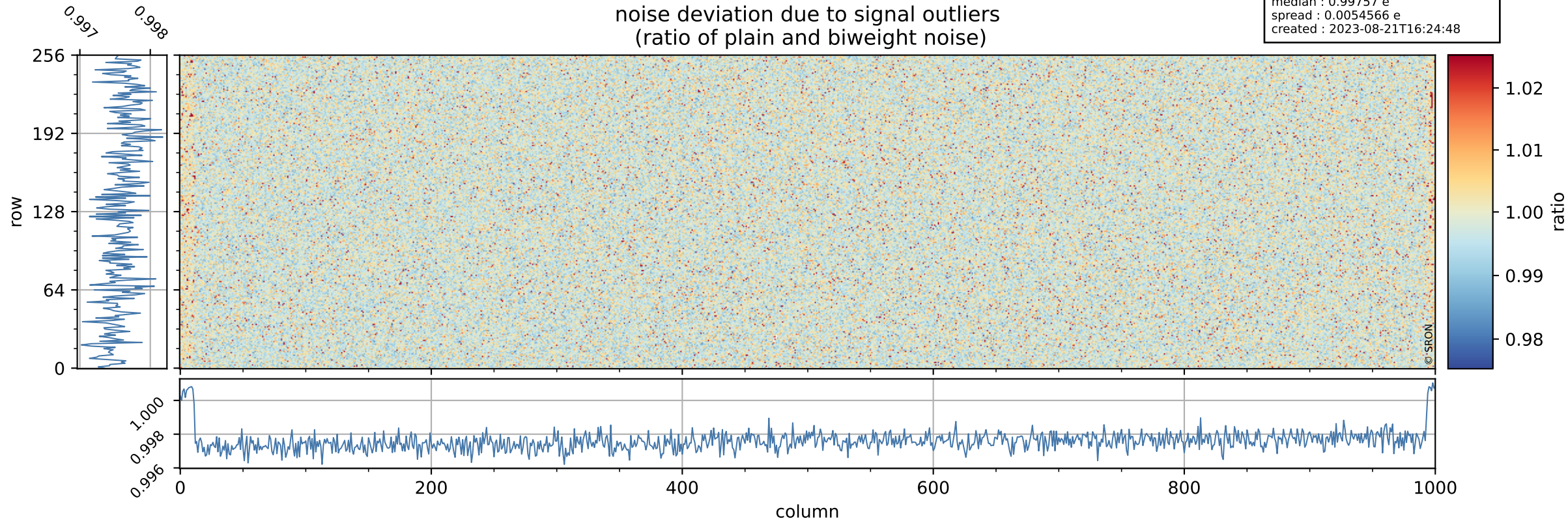
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

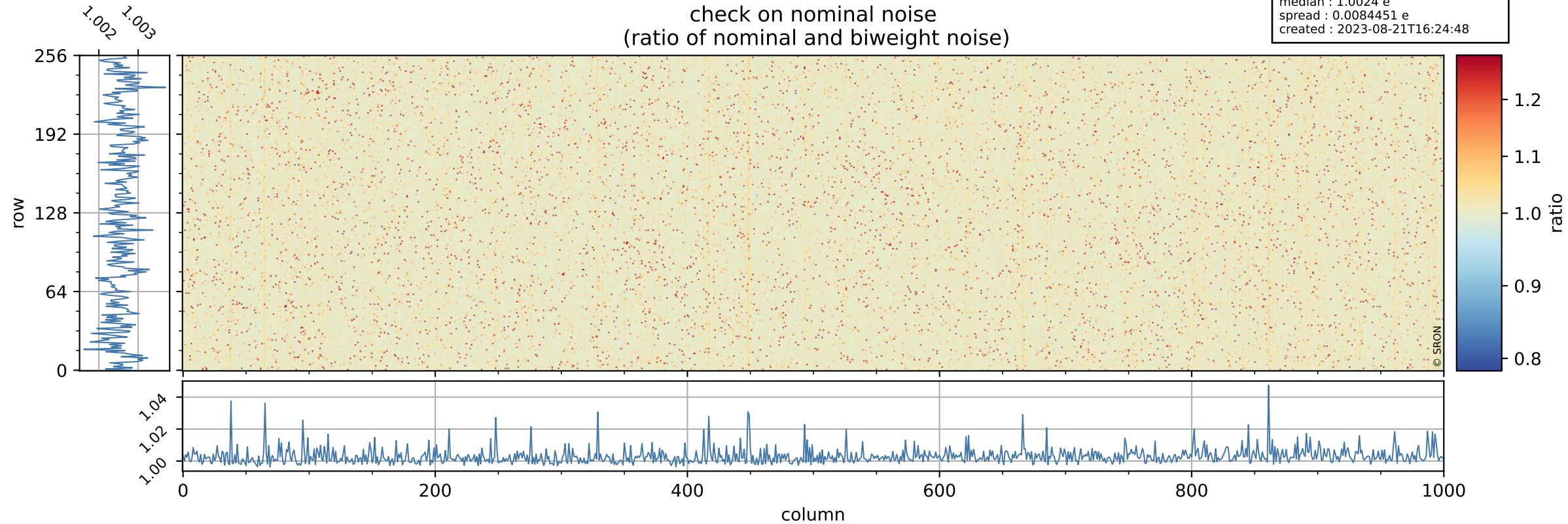
orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
median : 0.99757 e
spread : 0.0054566 e
created : 2023-08-21T16:24:48



Tropomi SWIR background noise (swir)

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

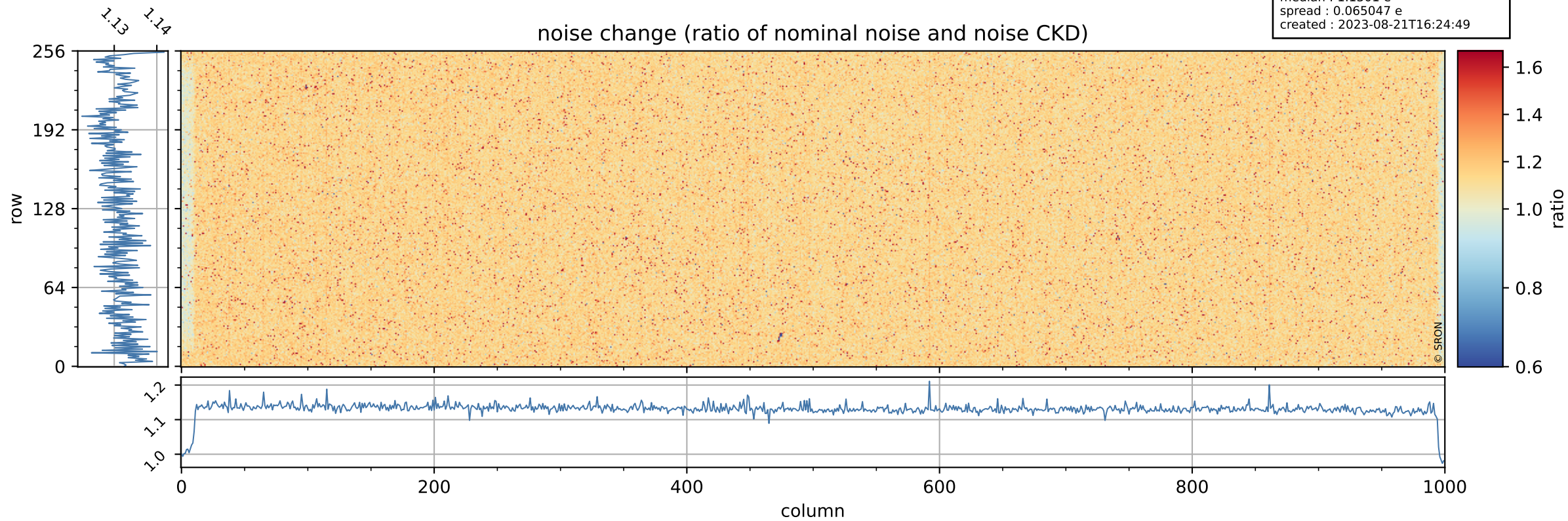
orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
median : 1.0024 e
spread : 0.0084451 e
created : 2023-08-21T16:24:48



Tropomi SWIR background noise (swir)

orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
median : 1.1301 e
spread : 0.065047 e
created : 2023-08-21T16:24:49

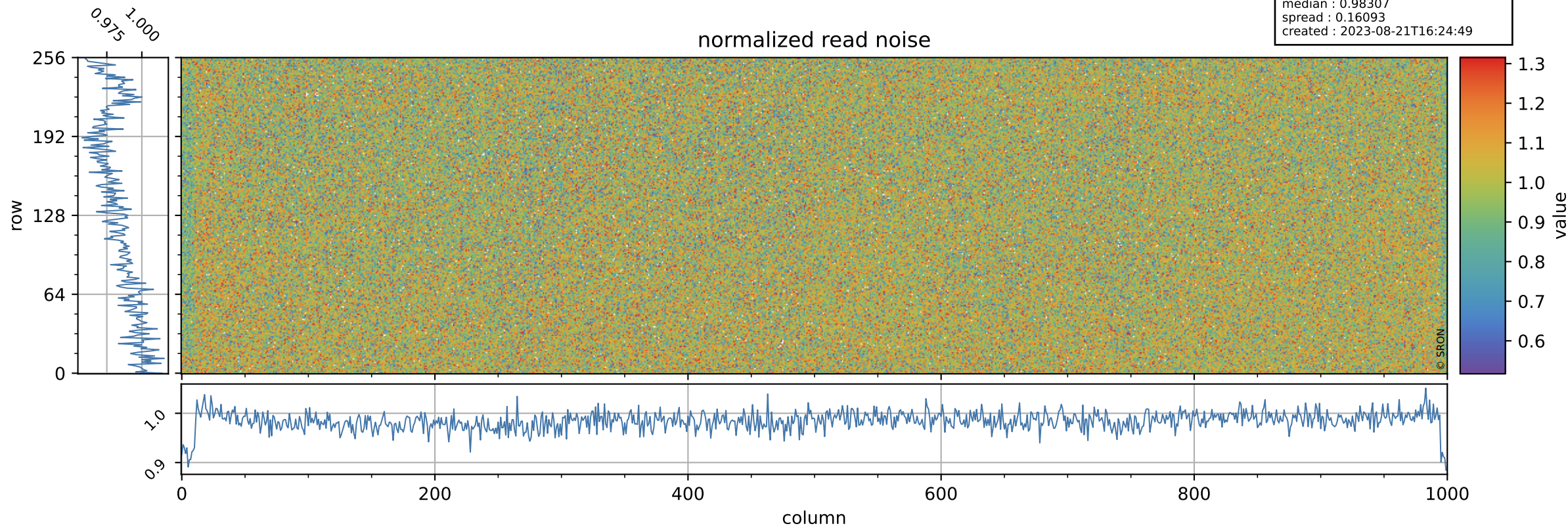
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

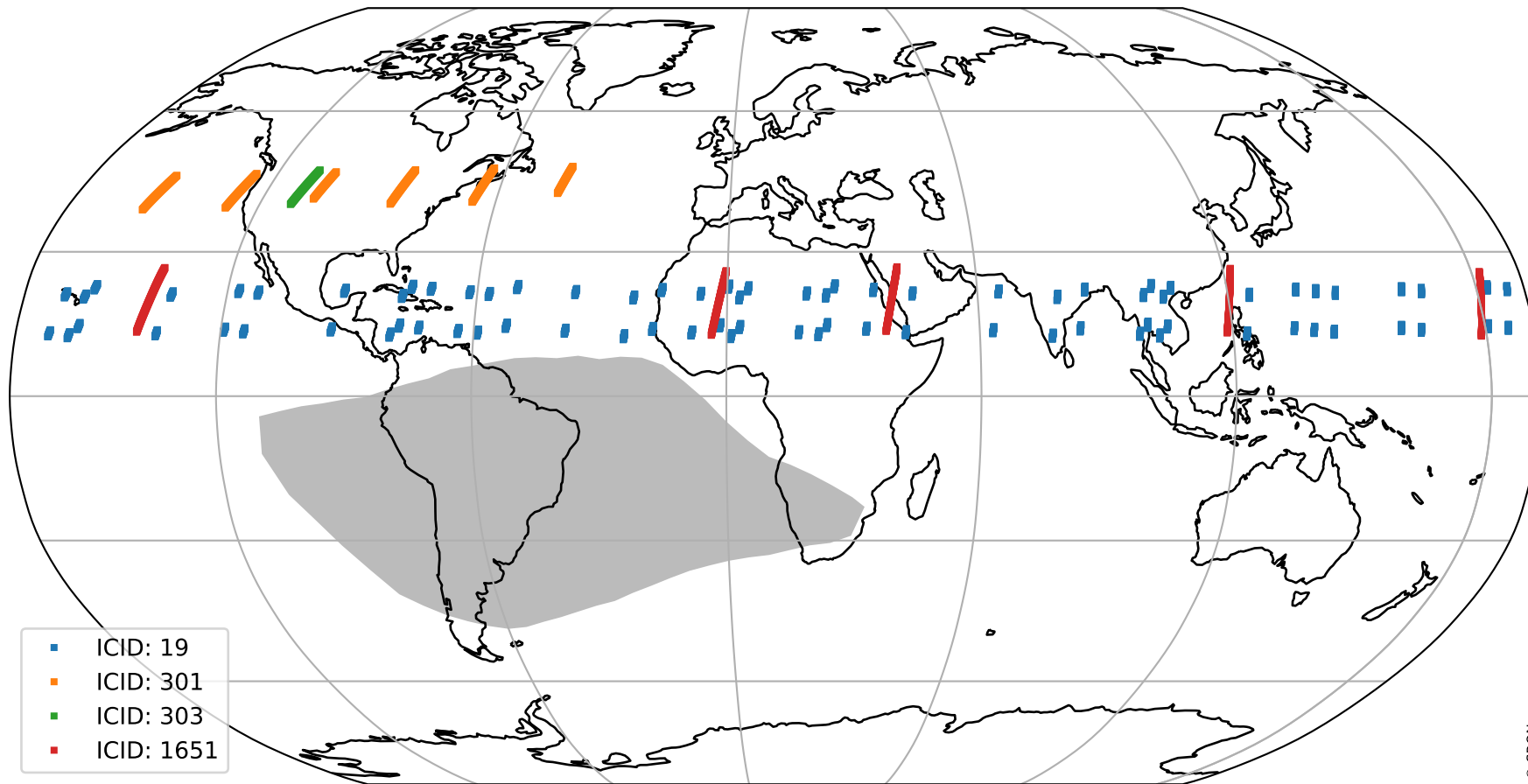
orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
median : 0.98307
spread : 0.16093
created : 2023-08-21T16:24:49

normalized read noise



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

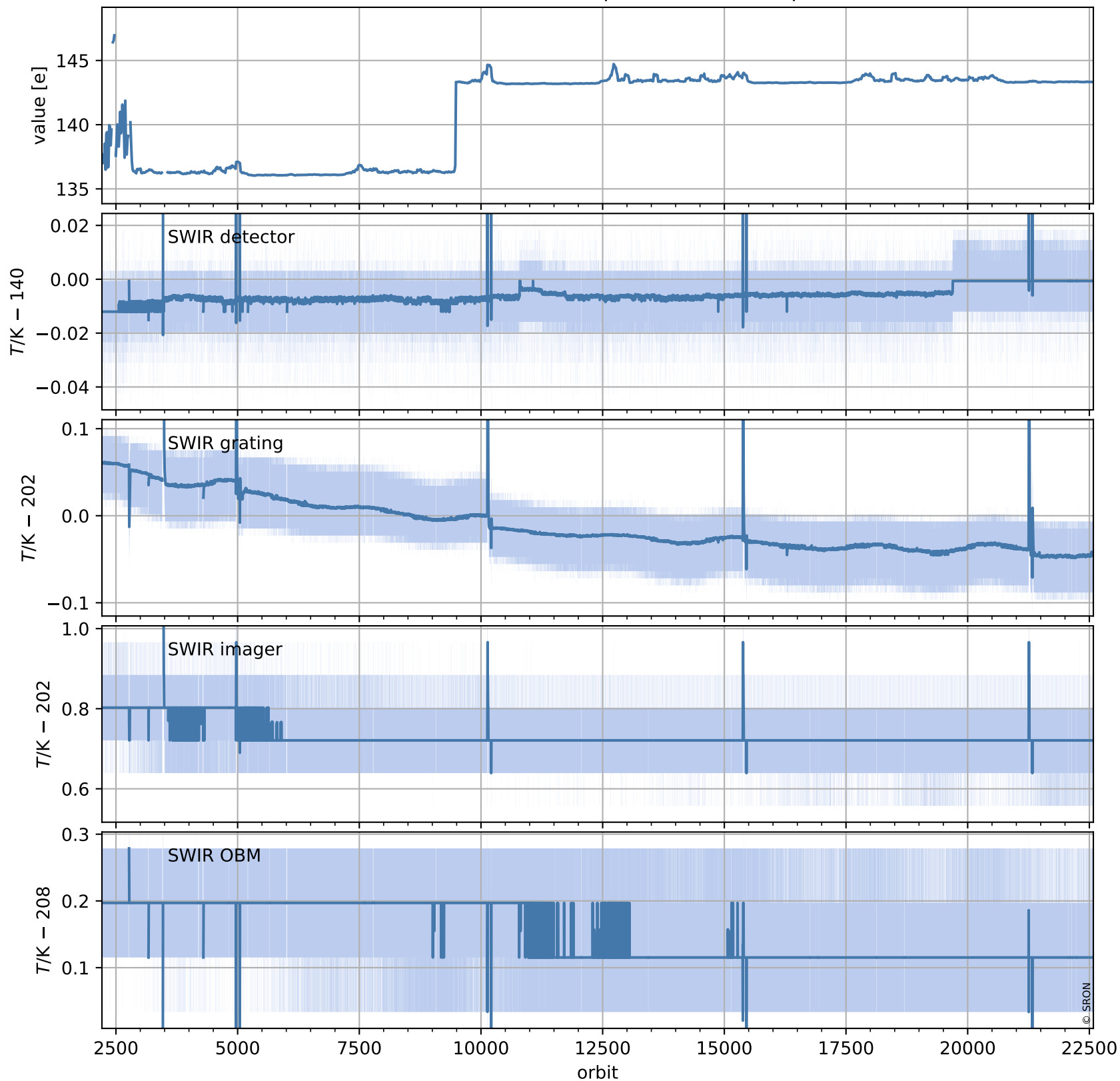
orbits : 12 in [22492, 22582]
coverage : 2022-02-15 / 2022-02-20
created : 2023-08-21T16:24:49



Tropomi SWIR background noise (swir)

orbits : [2212, 22582]
coverage : 2018-03-18 / 2022-02-20
created : 2023-08-21T16:24:50

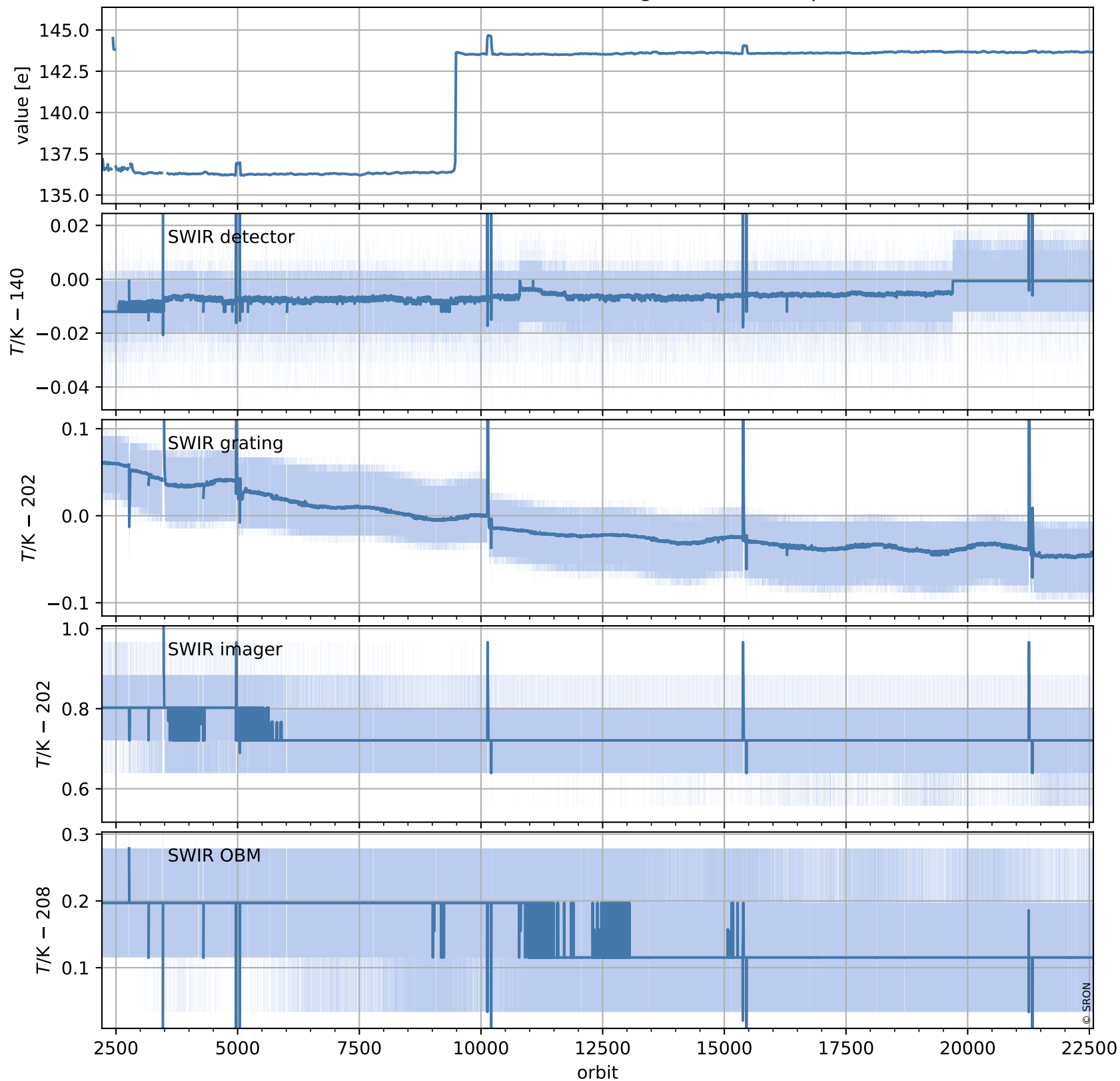
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22582]
coverage : 2018-03-18 / 2022-02-20
created : 2023-08-21T16:24:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22582]
coverage : 2018-03-18 / 2022-02-20
created : 2023-08-21T16:24:51

trend of normalized read-noise & temperatures

