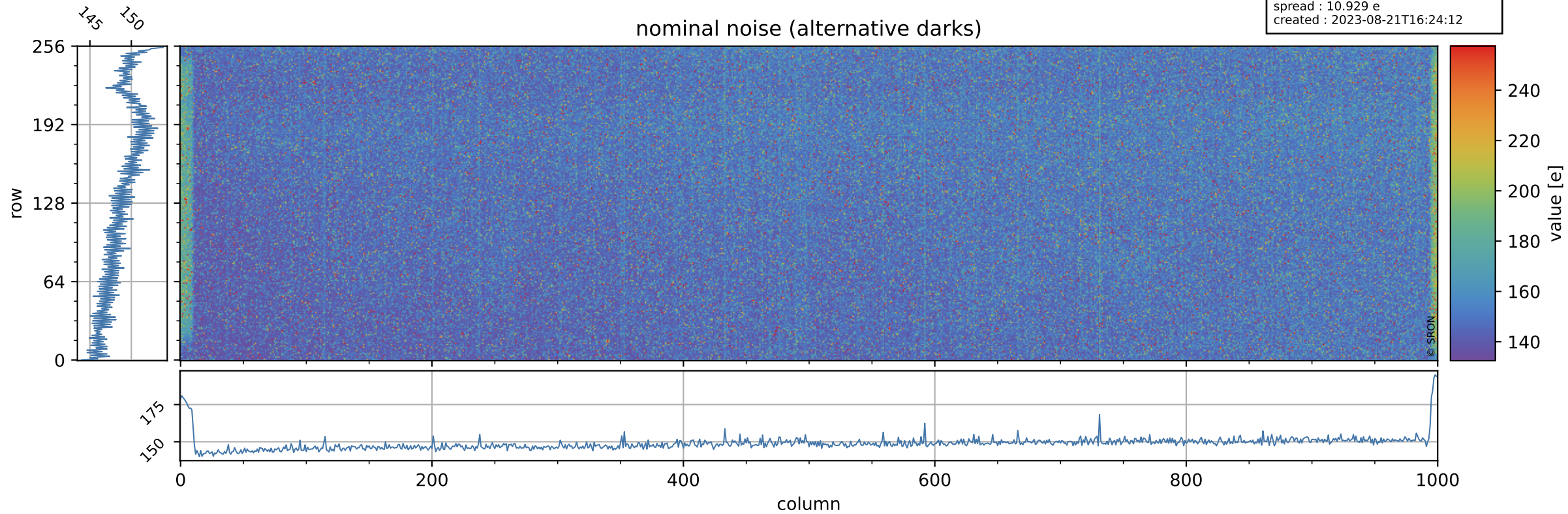


Tropomi SWIR background noise (swir)

orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.929 e
created : 2023-08-21T16:24:12

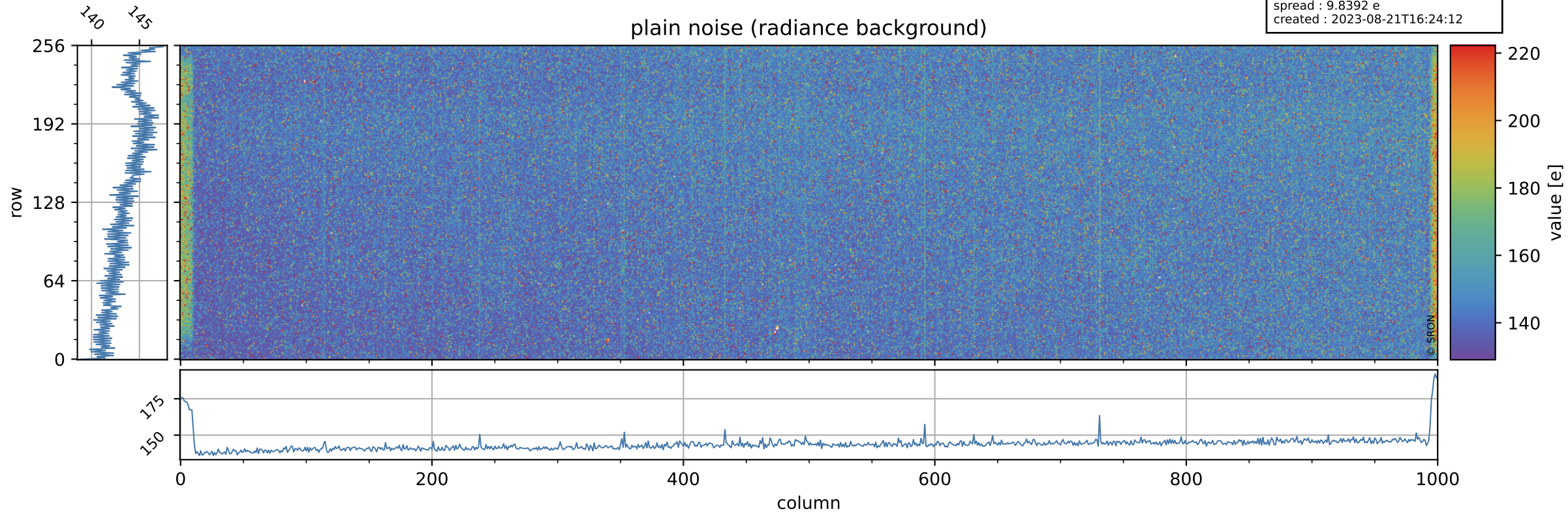
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8392 e
created : 2023-08-21T16:24:12

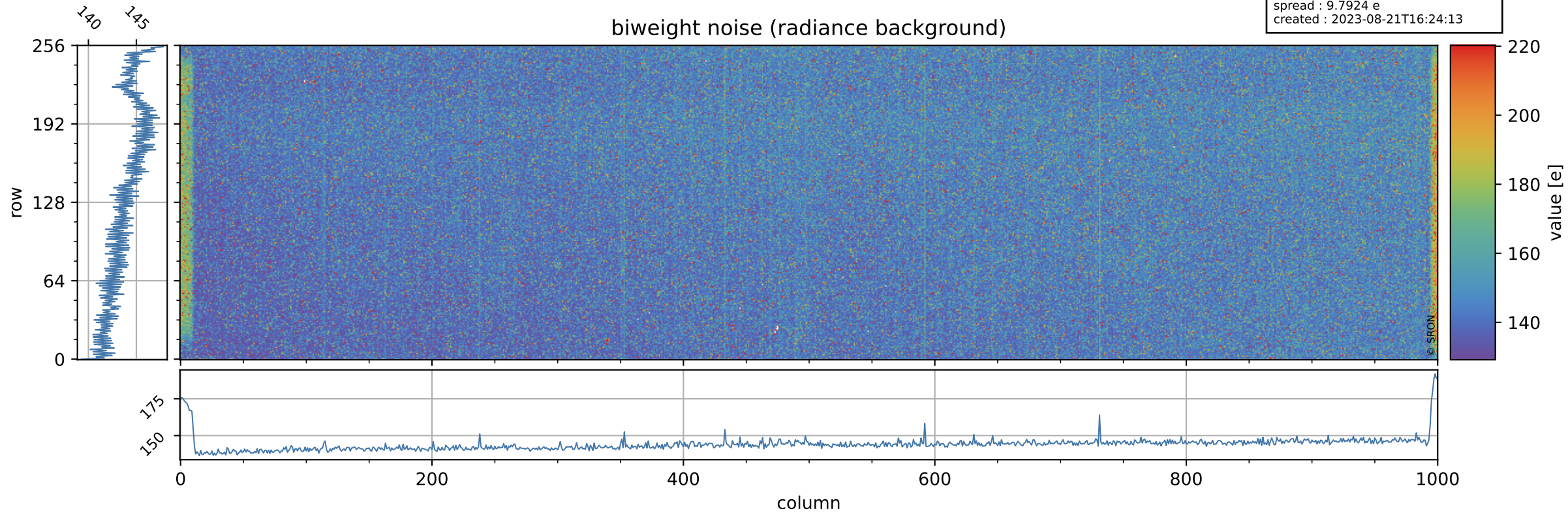
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7924 e
created : 2023-08-21T16:24:13

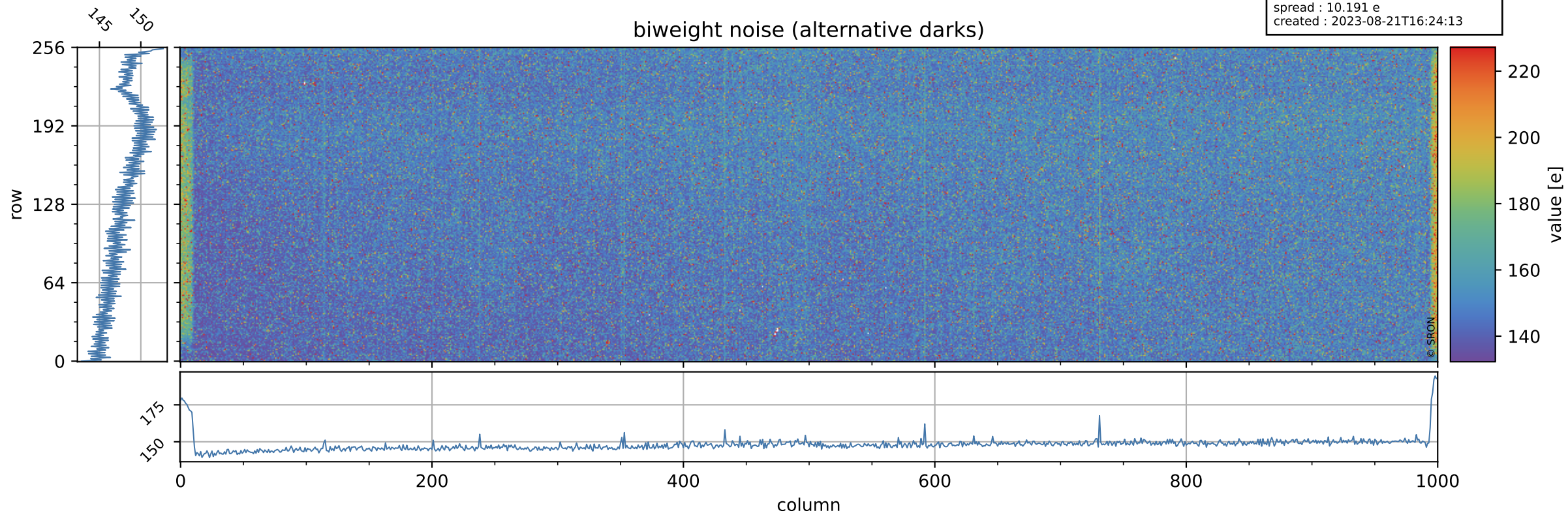
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.191 e
created : 2023-08-21T16:24:13

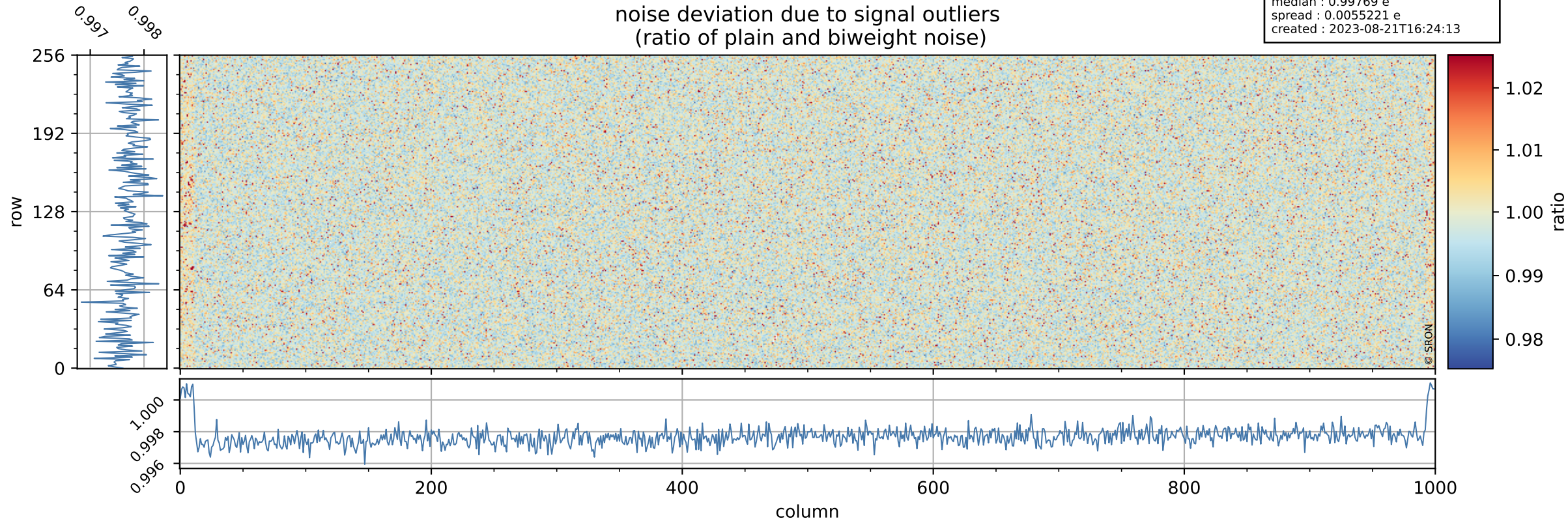
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

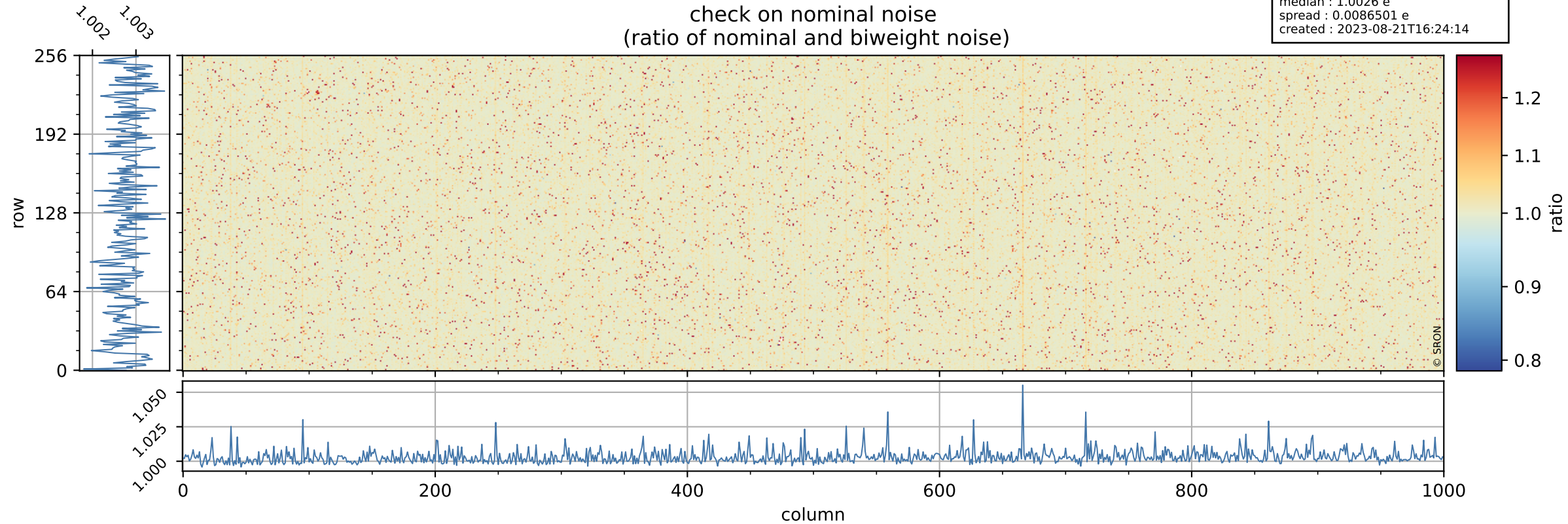
orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
median : 0.99769 e
spread : 0.0055221 e
created : 2023-08-21T16:24:13



Tropomi SWIR background noise (swir)

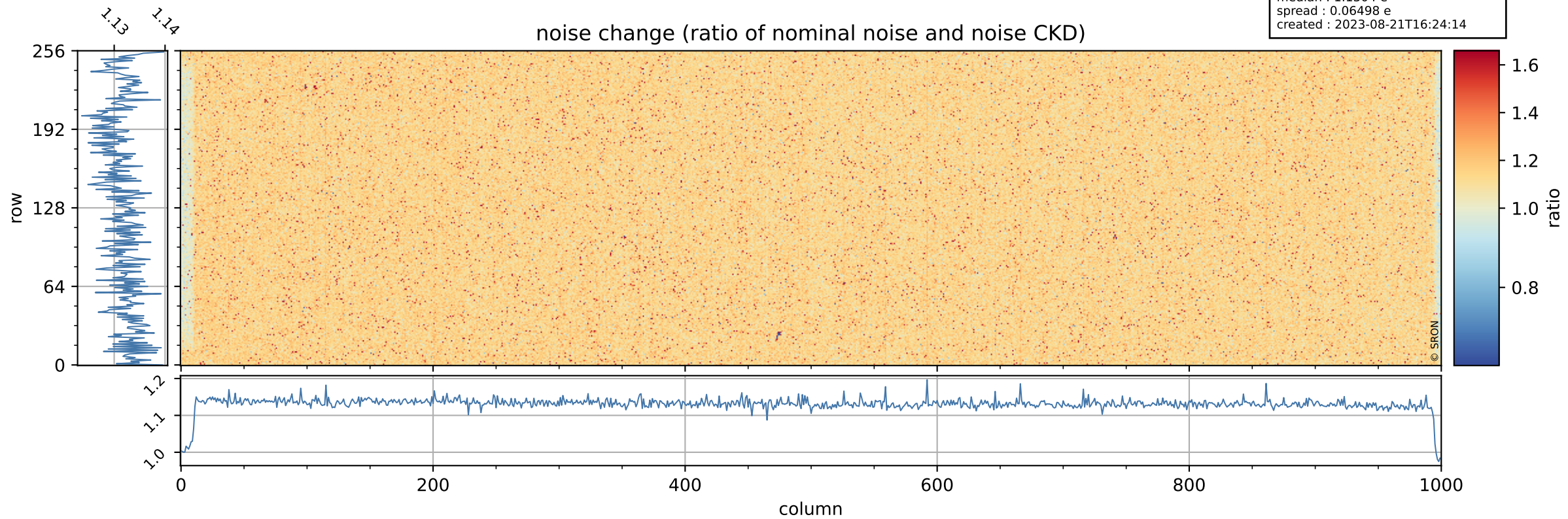
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
median : 1.0026 e
spread : 0.0086501 e
created : 2023-08-21T16:24:14



Tropomi SWIR background noise (swir)

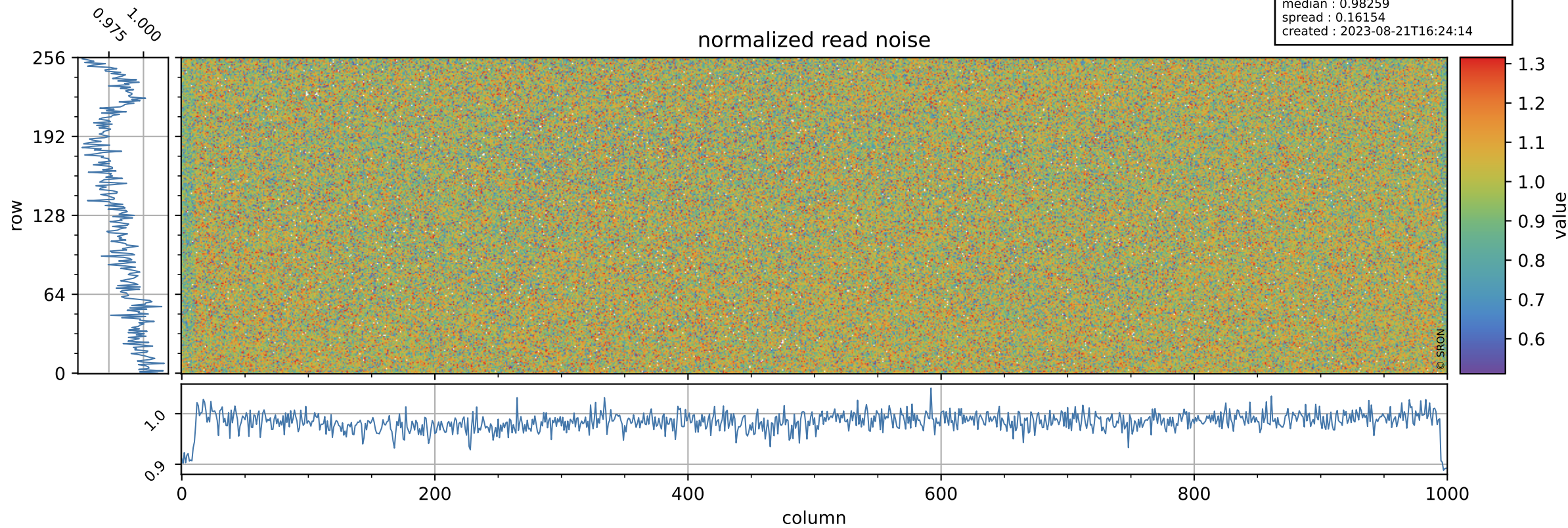
orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
median : 1.1304 e
spread : 0.06498 e
created : 2023-08-21T16:24:14



Tropomi SWIR background noise (swir)

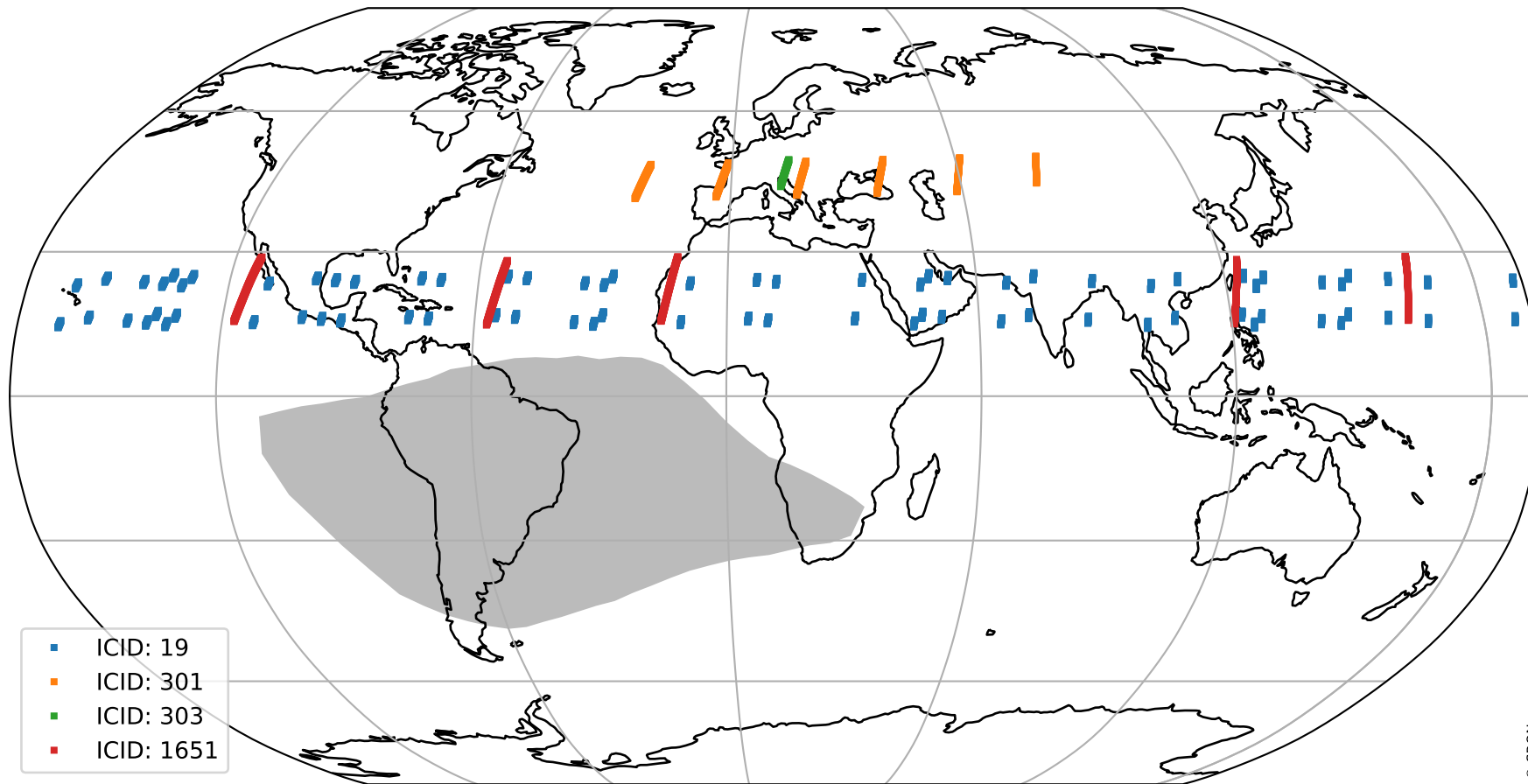
orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
median : 0.98259
spread : 0.16154
created : 2023-08-21T16:24:14

normalized read noise



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

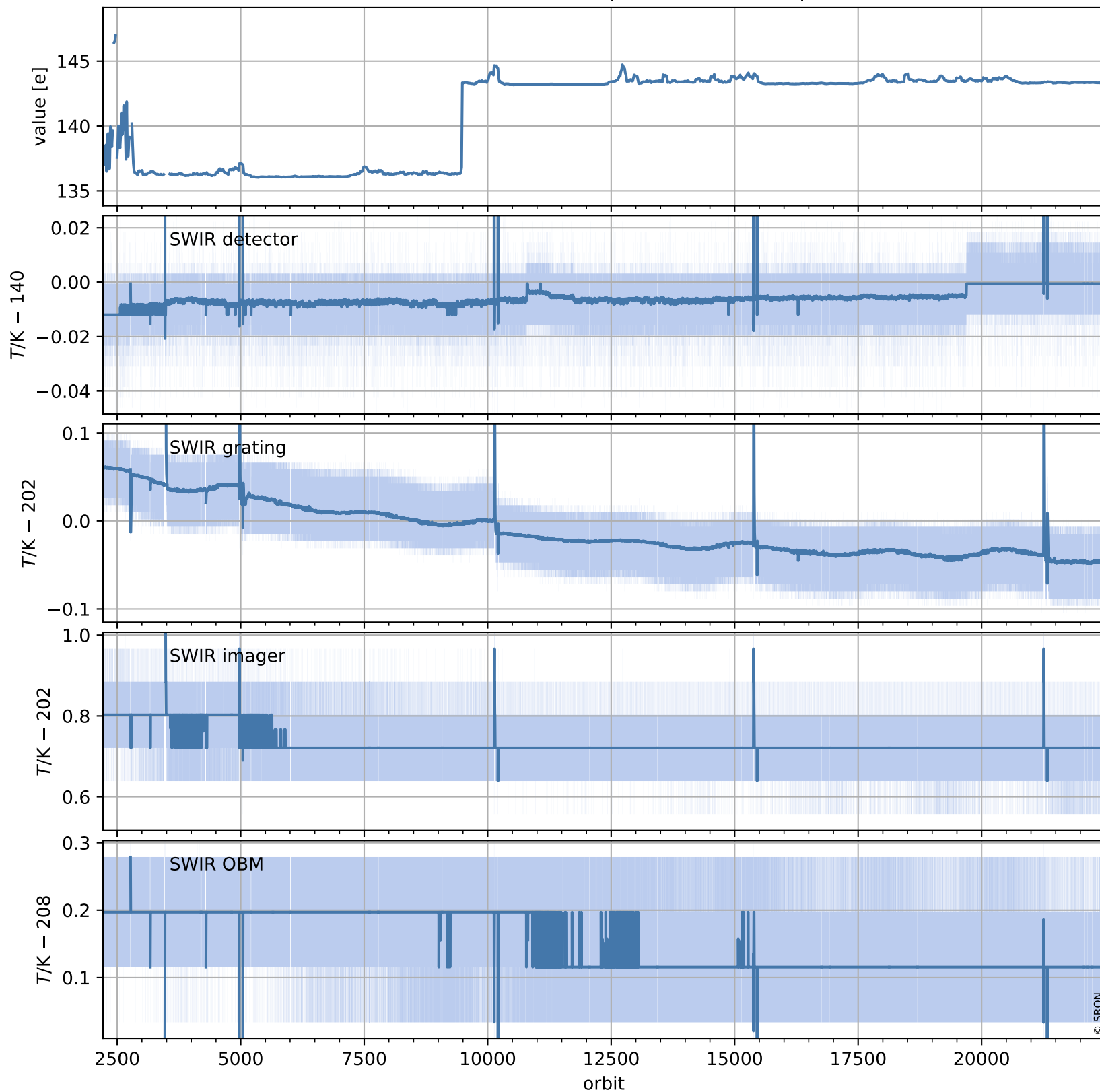
orbits : 12 in [22402, 22492]
coverage : 2022-02-08 / 2022-02-14
created : 2023-08-21T16:24:14



Tropomi SWIR background noise (swir)

orbits : [2212, 22492]
coverage : 2018-03-18 / 2022-02-14
created : 2023-08-21T16:24:15

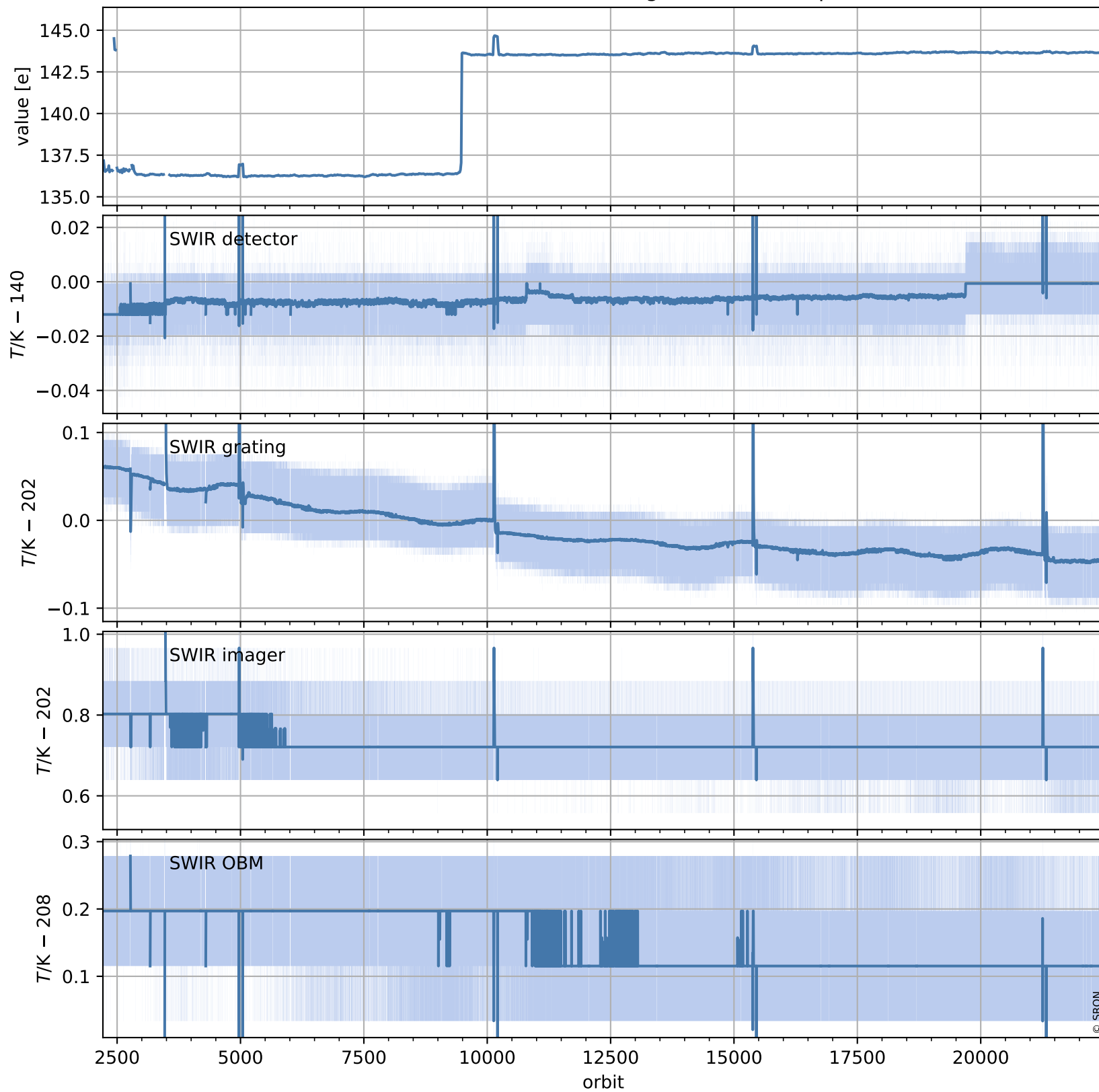
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22492]
coverage : 2018-03-18 / 2022-02-14
created : 2023-08-21T16:24:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22492]
coverage : 2018-03-18 / 2022-02-14
created : 2023-08-21T16:24:17

trend of normalized read-noise & temperatures

