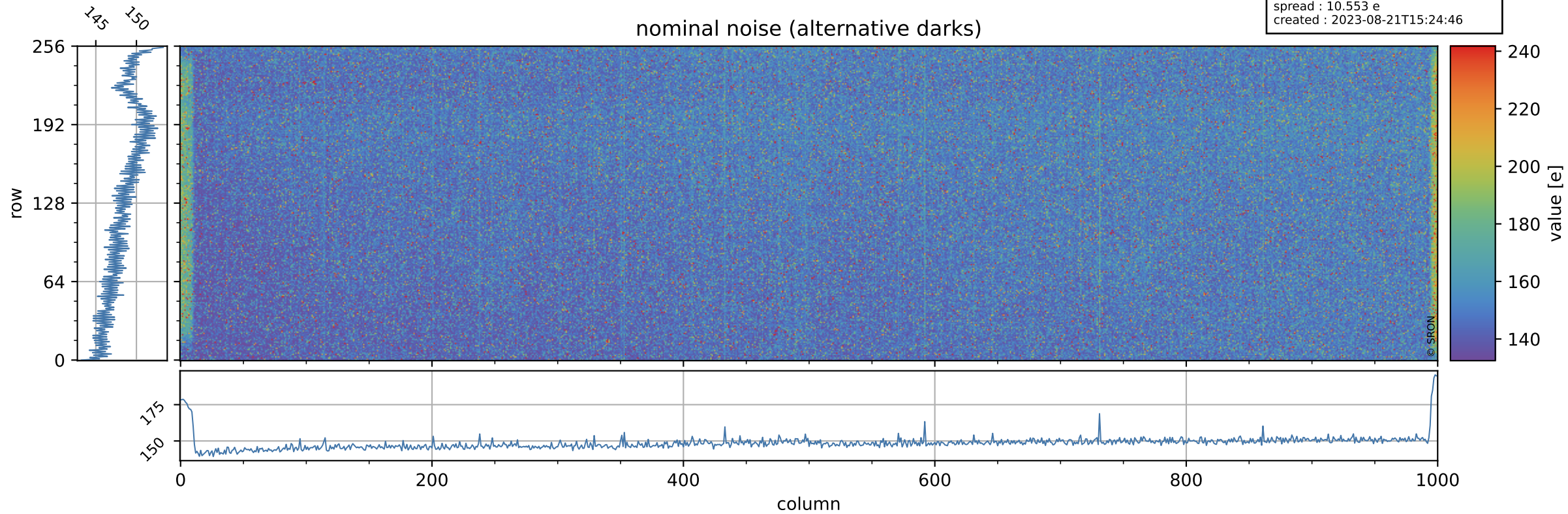


Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.553 e
created : 2023-08-21T15:24:46

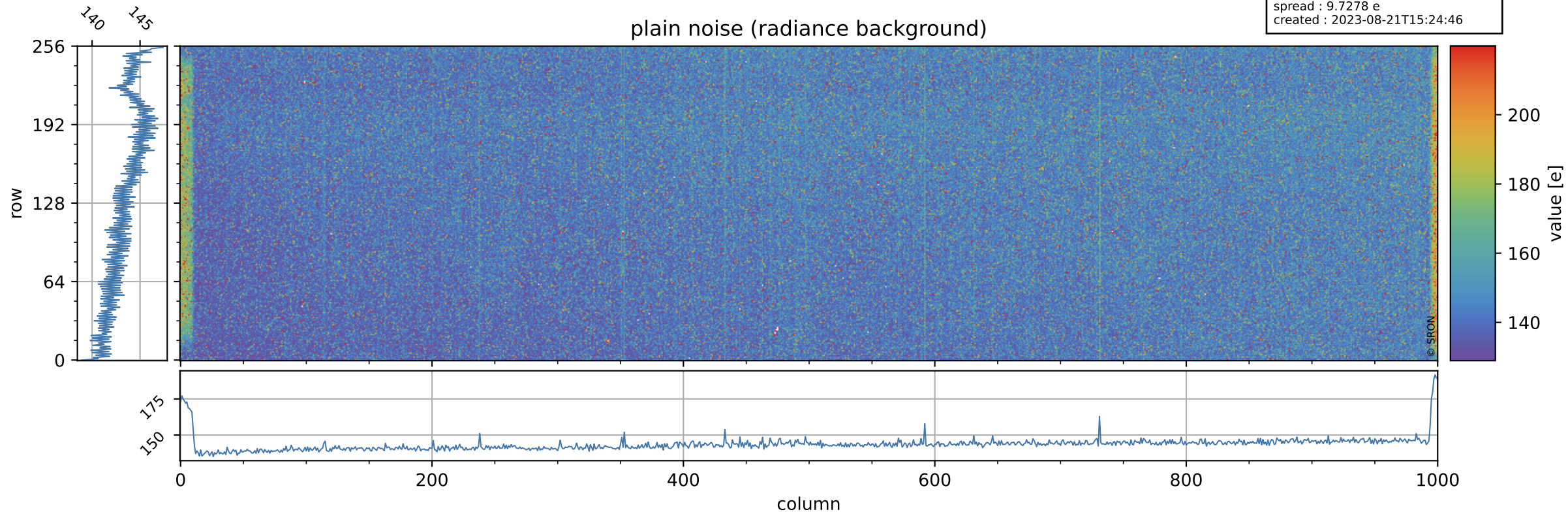
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7278 e
created : 2023-08-21T15:24:46

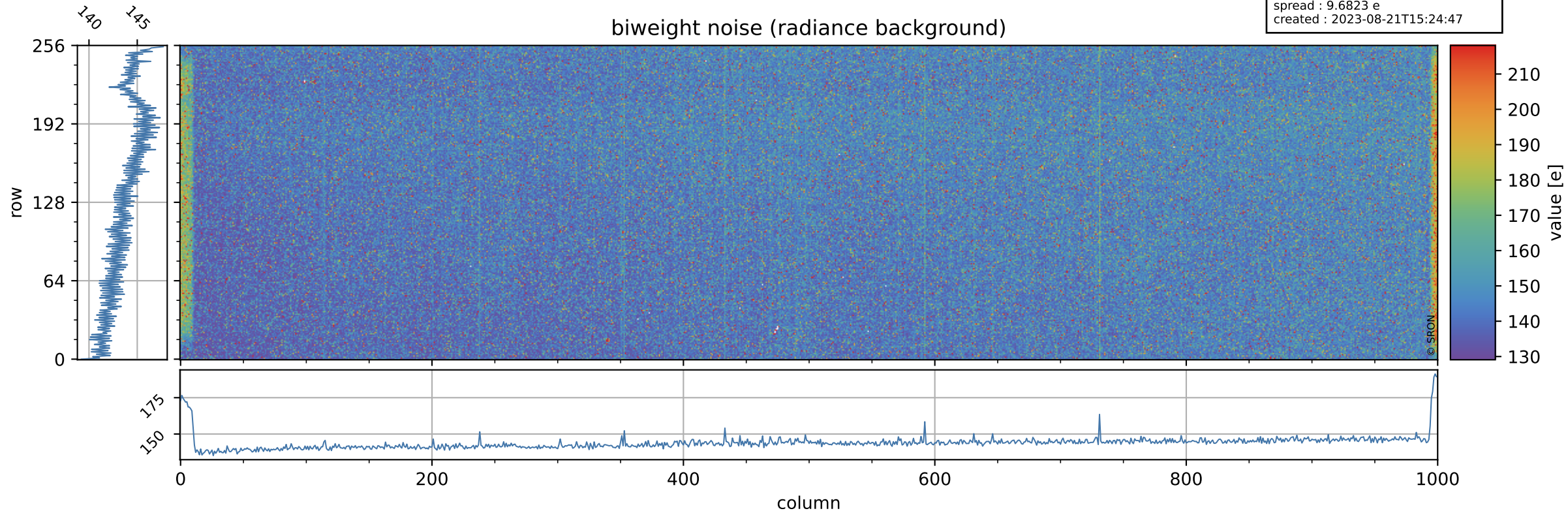
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6823 e
created : 2023-08-21T15:24:47

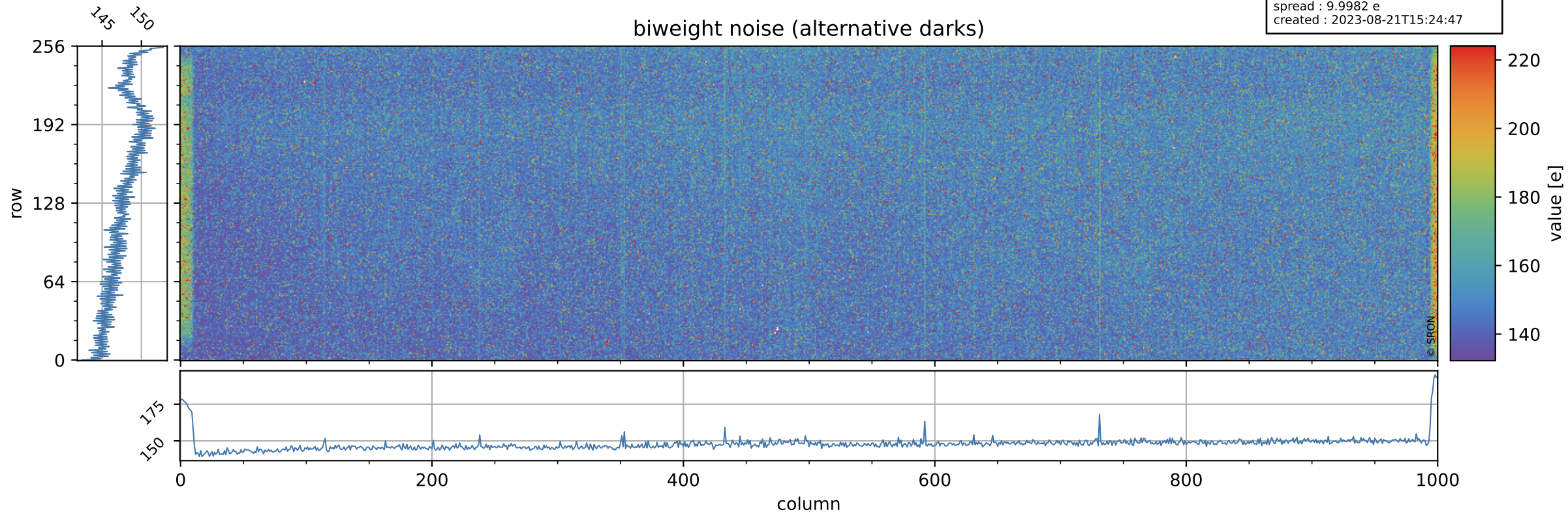
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9982 e
created : 2023-08-21T15:24:47

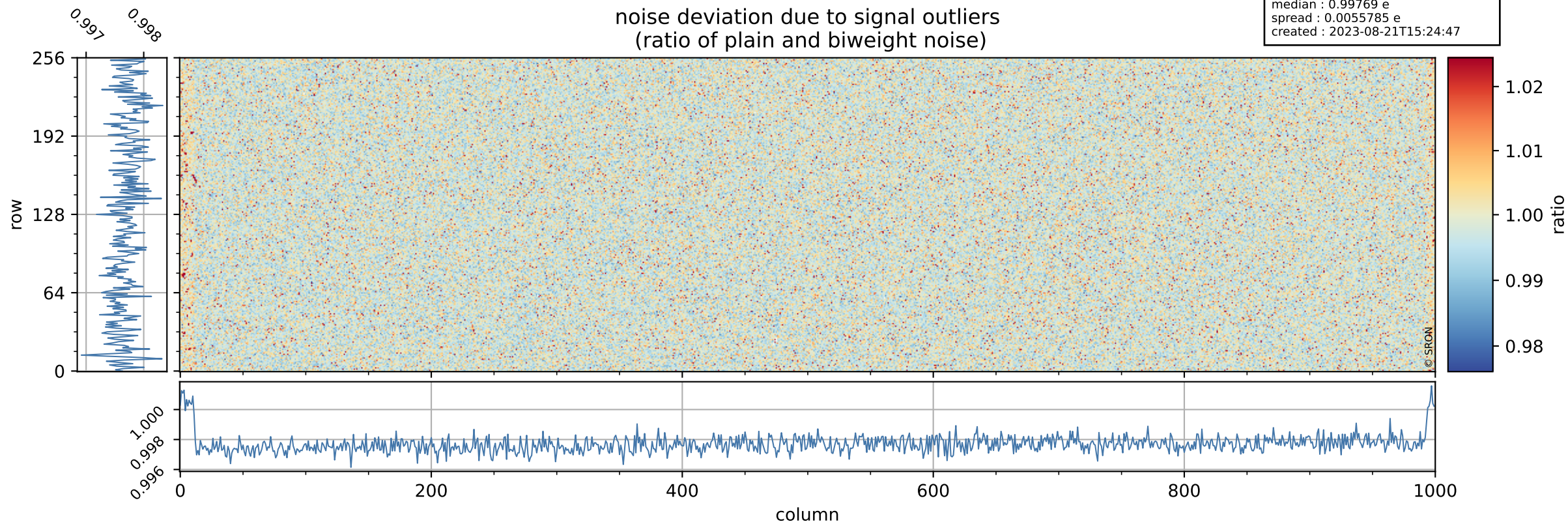
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

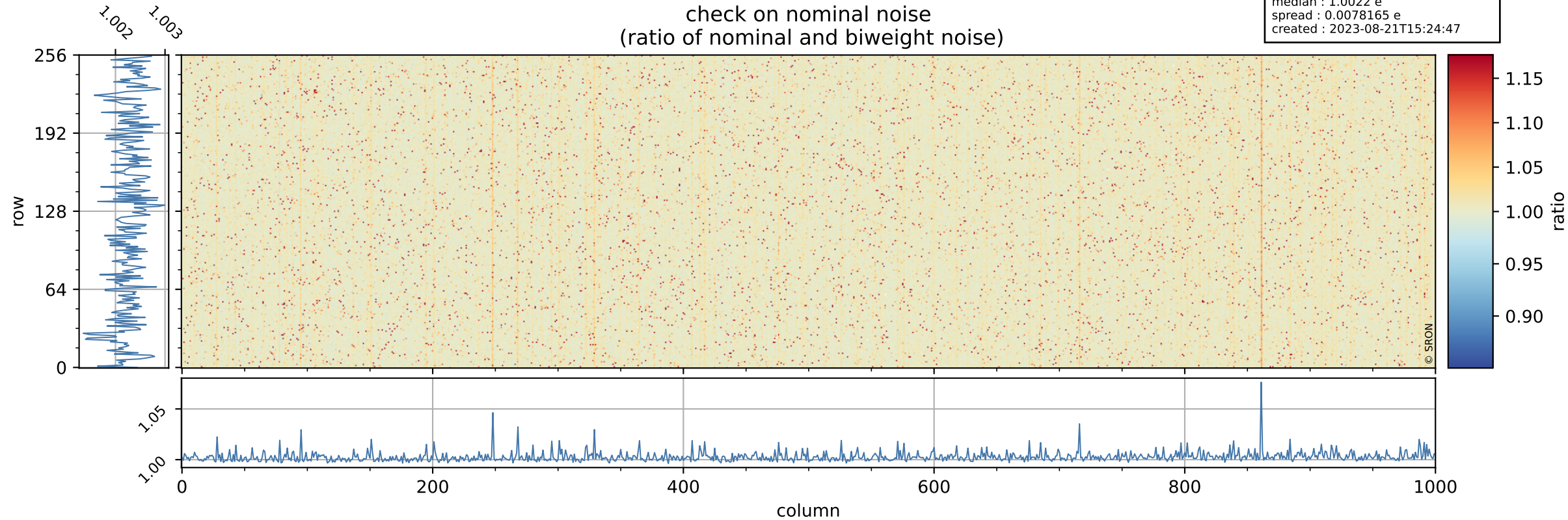
orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
median : 0.99769 e
spread : 0.0055785 e
created : 2023-08-21T15:24:47



Tropomi SWIR background noise (swir)

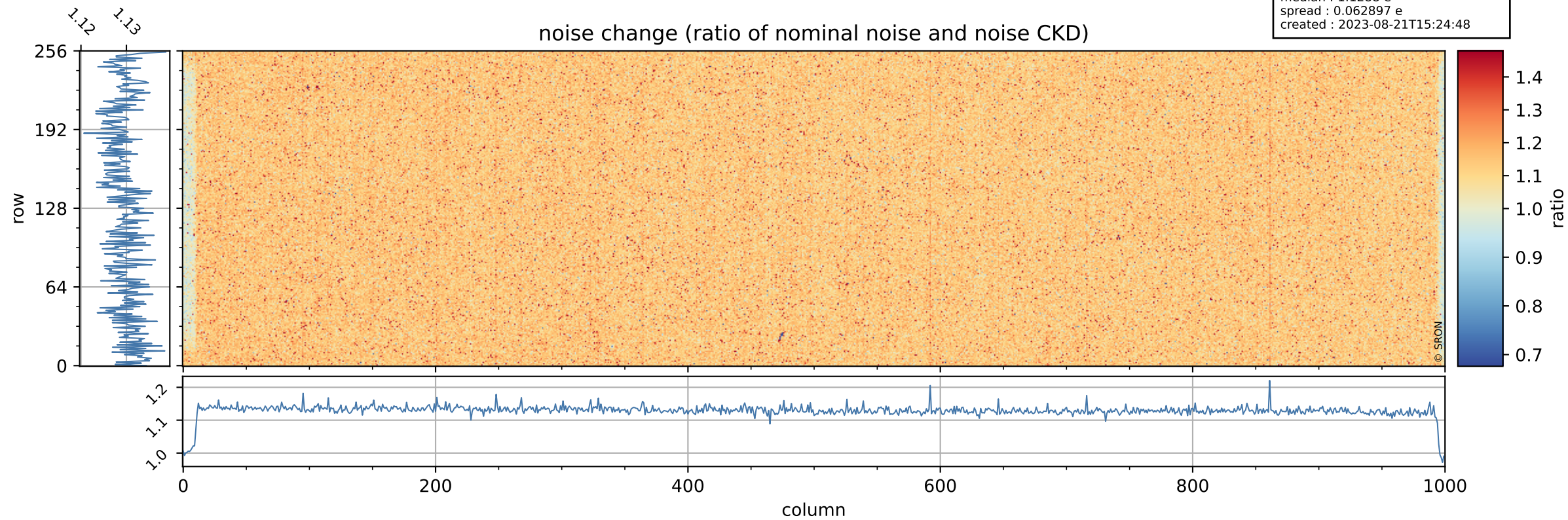
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
median : 1.0022 e
spread : 0.0078165 e
created : 2023-08-21T15:24:47



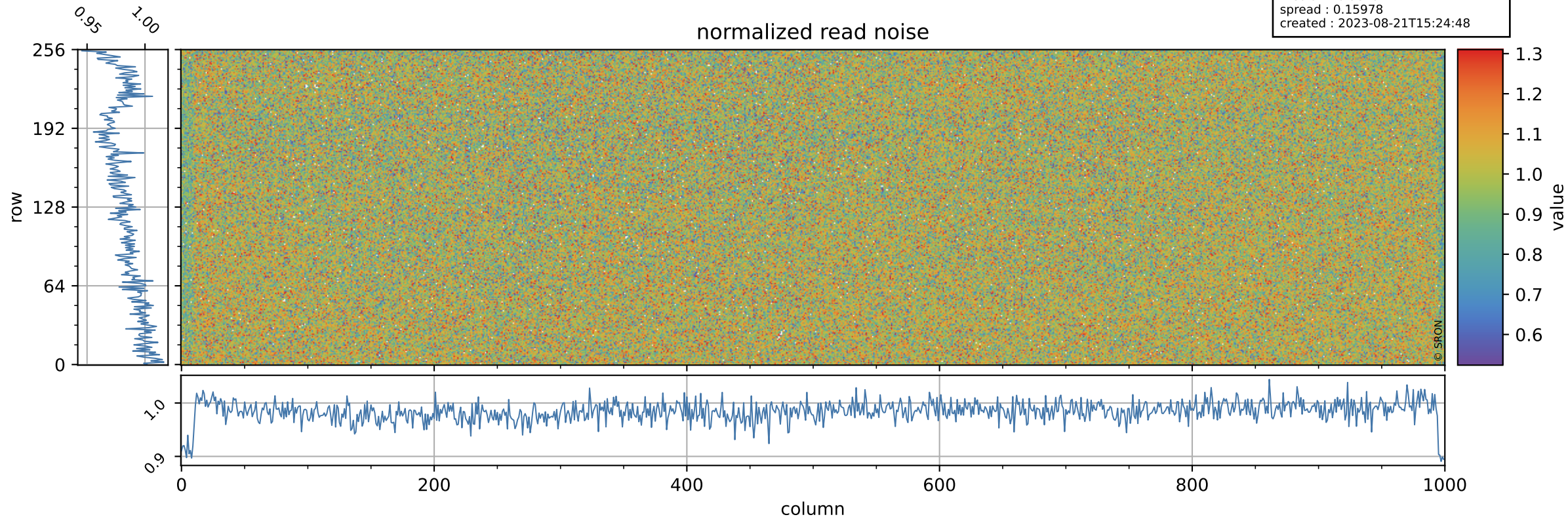
Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
median : 1.1288 e
spread : 0.062897 e
created : 2023-08-21T15:24:48



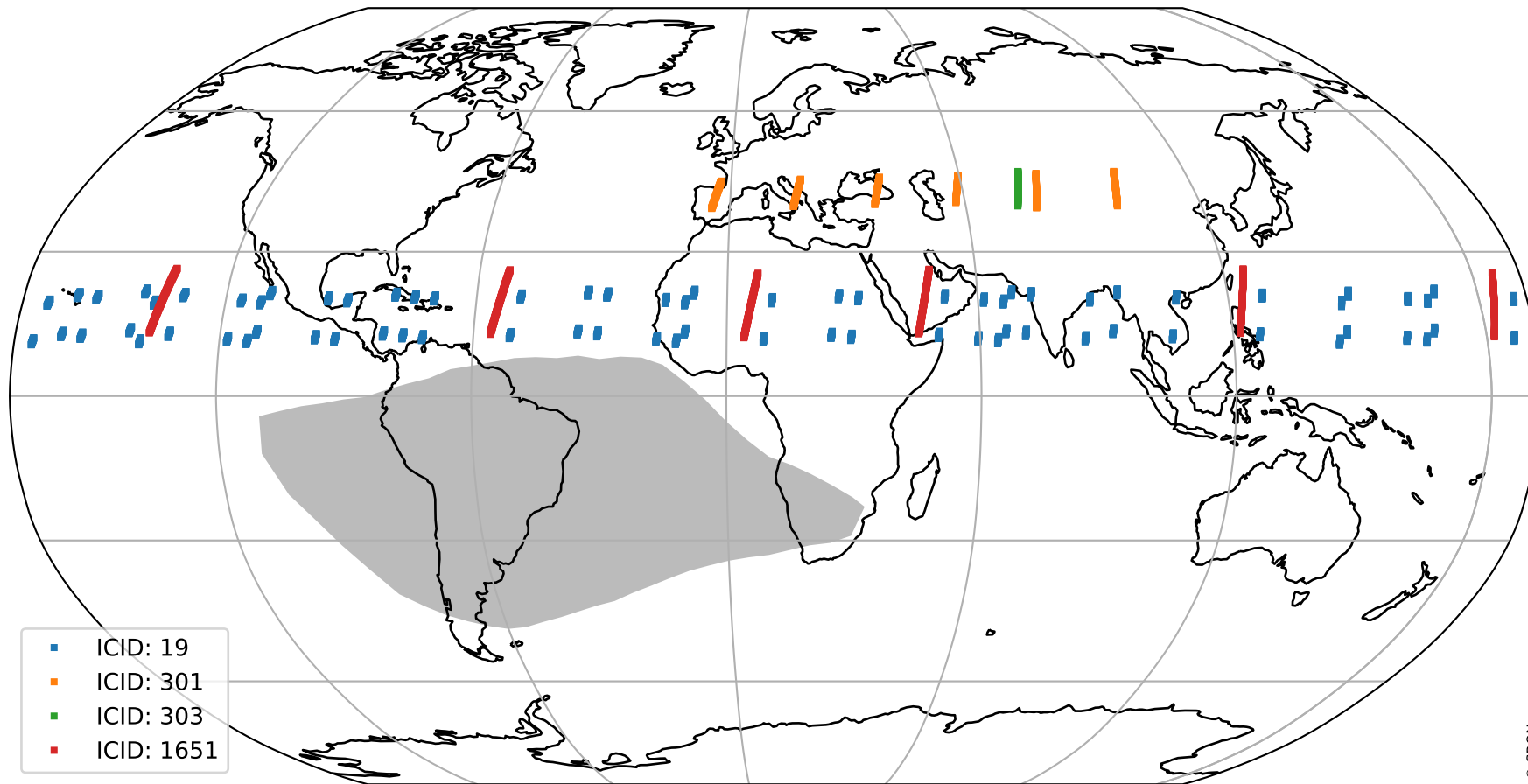
Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
median : 0.98294
spread : 0.15978
created : 2023-08-21T15:24:48



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

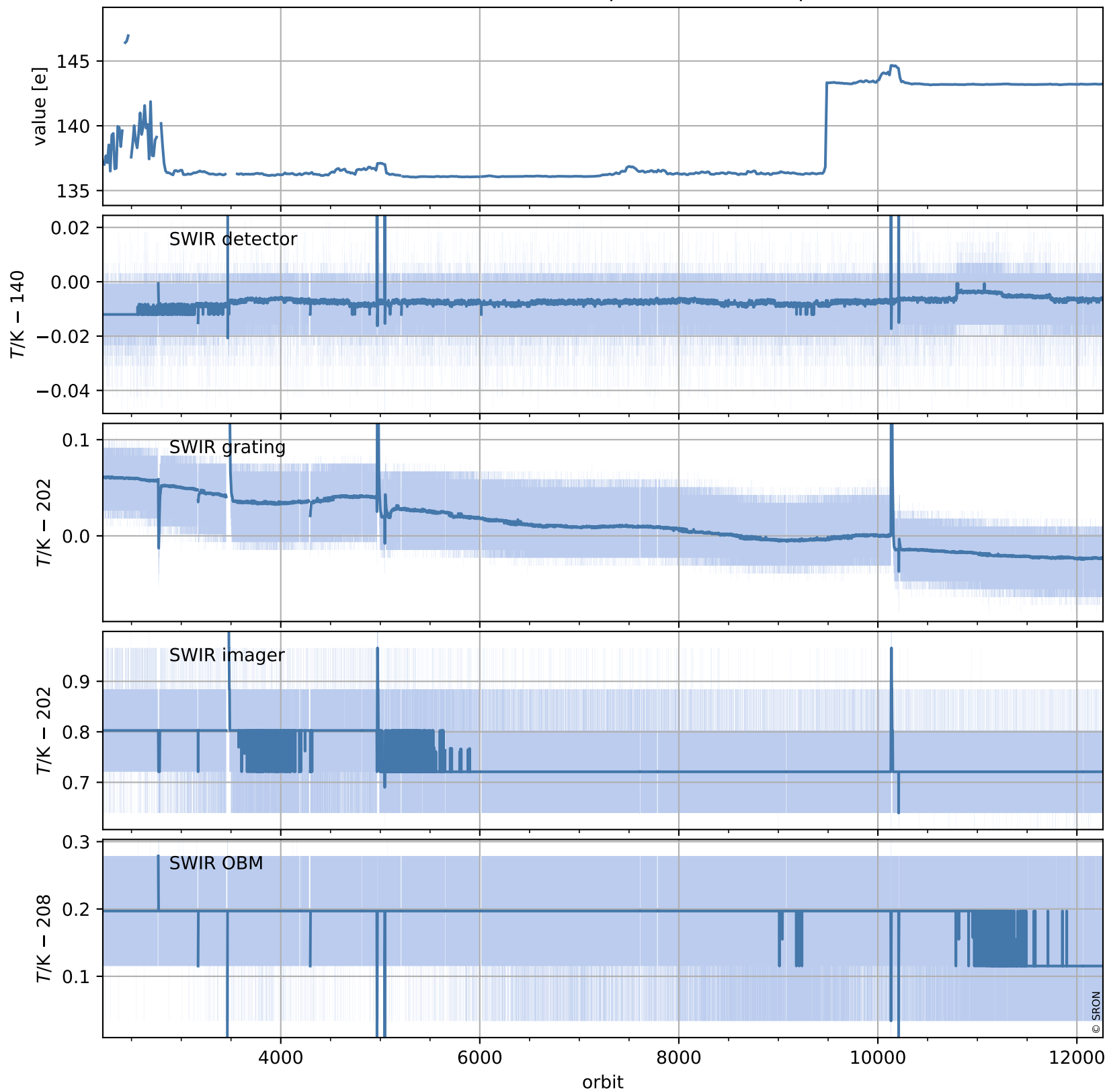
orbits : 13 in [12187, 12262]
coverage : 2020-02-18 / 2020-02-24
created : 2023-08-21T15:24:48



Tropomi SWIR background noise (swir)

orbits : [2212, 12262]
coverage : 2018-03-18 / 2020-02-24
created : 2023-08-21T15:24:49

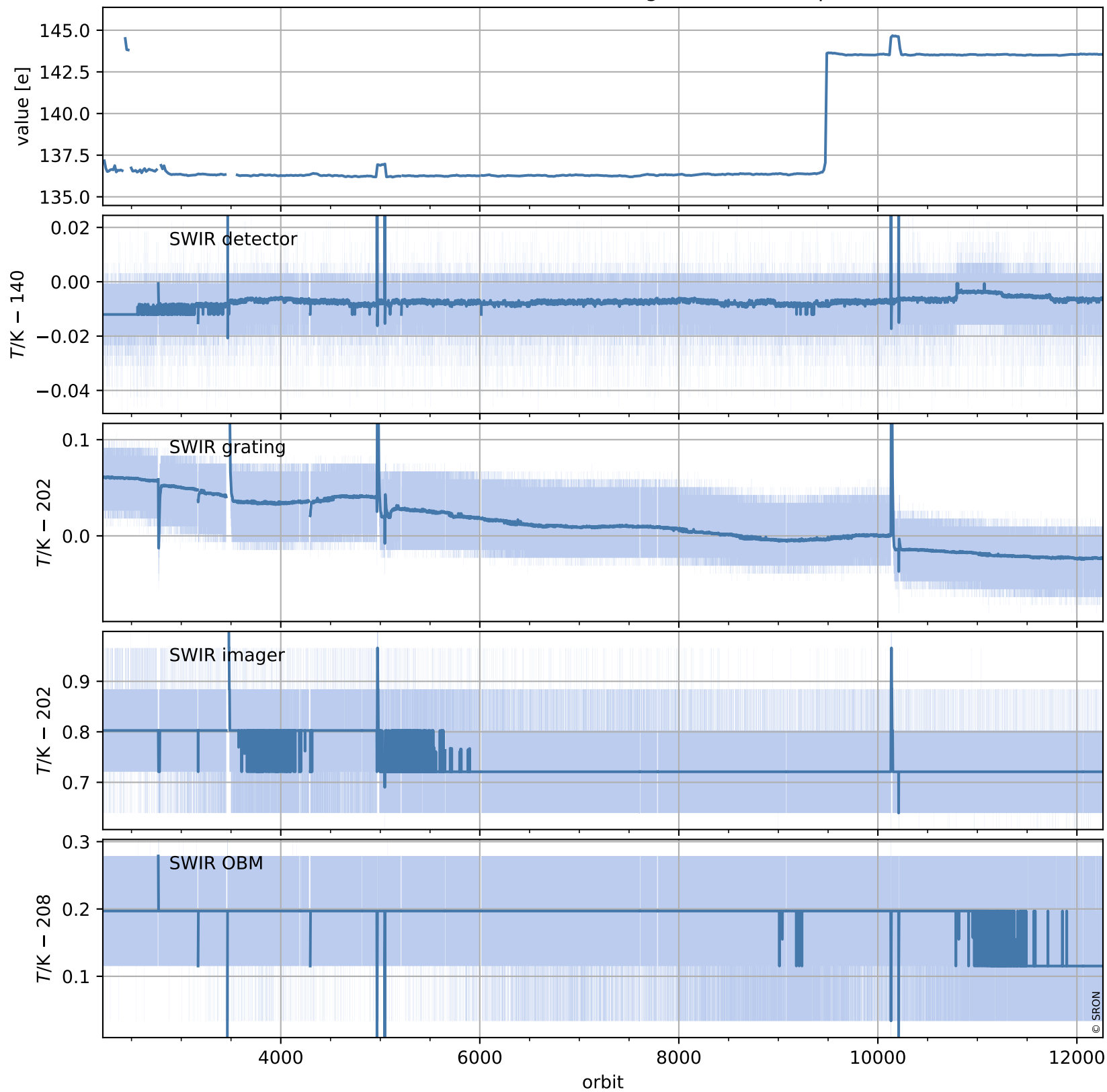
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12262]
coverage : 2018-03-18 / 2020-02-24
created : 2023-08-21T15:24:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12262]
coverage : 2018-03-18 / 2020-02-24
created : 2023-08-21T15:24:50

trend of normalized read-noise & temperatures

