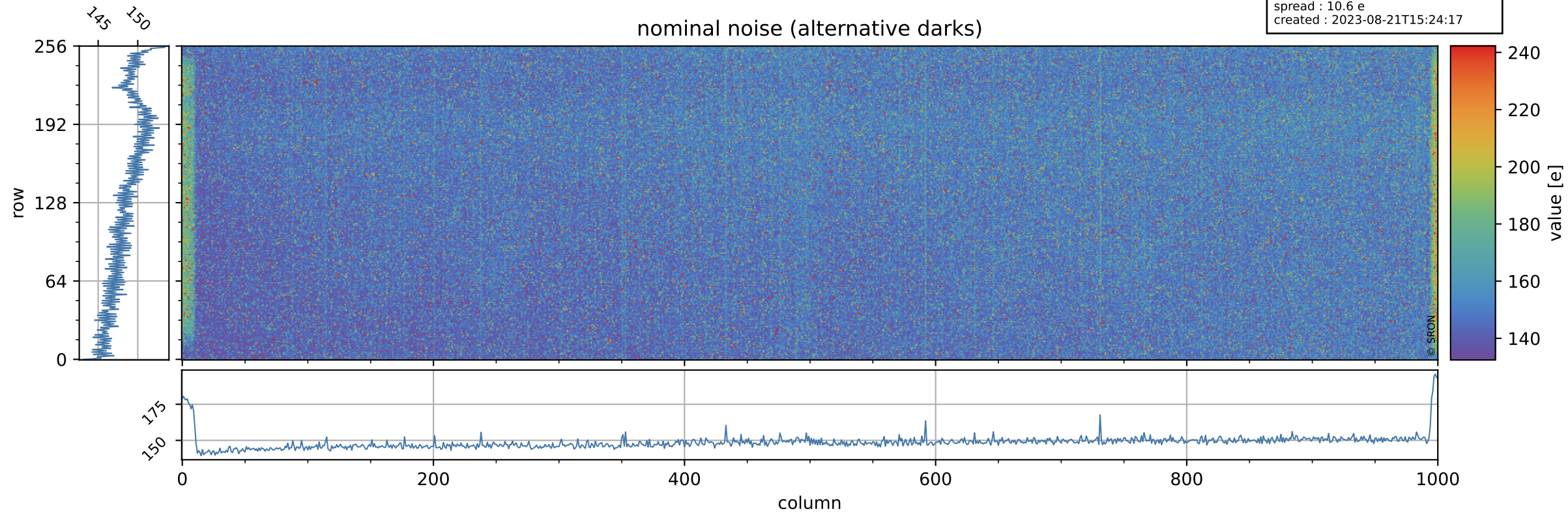


Tropomi SWIR background noise (swir)

orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.6 e
created : 2023-08-21T15:24:17

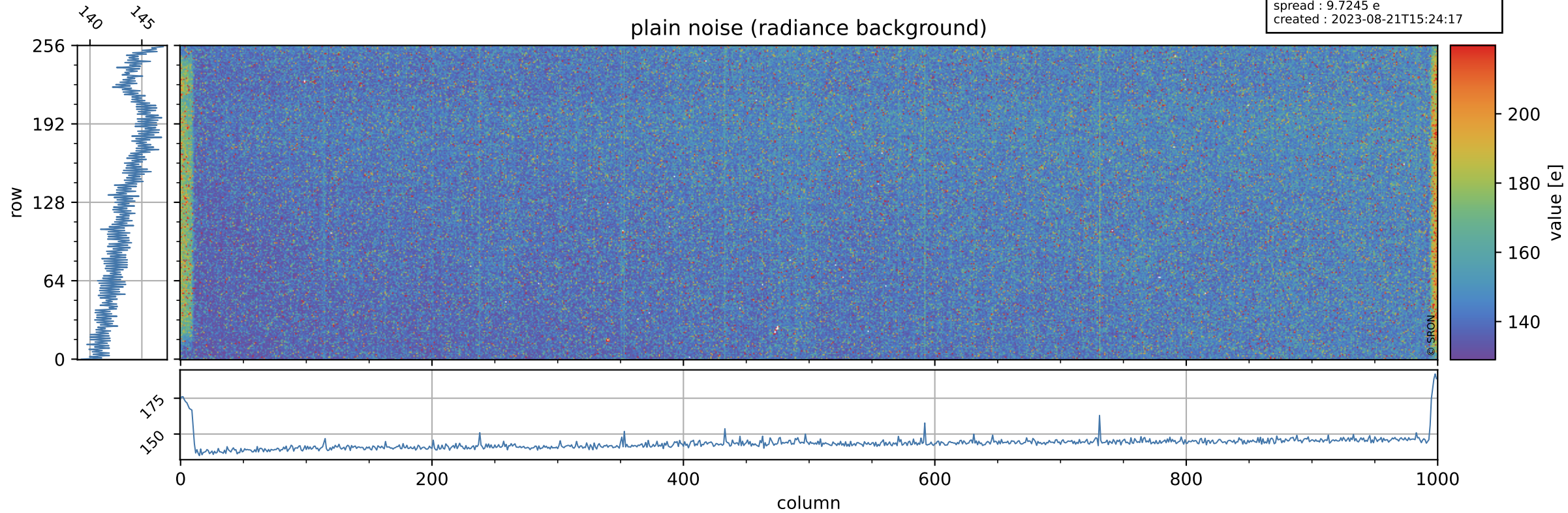
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.7245 e
created : 2023-08-21T15:24:17

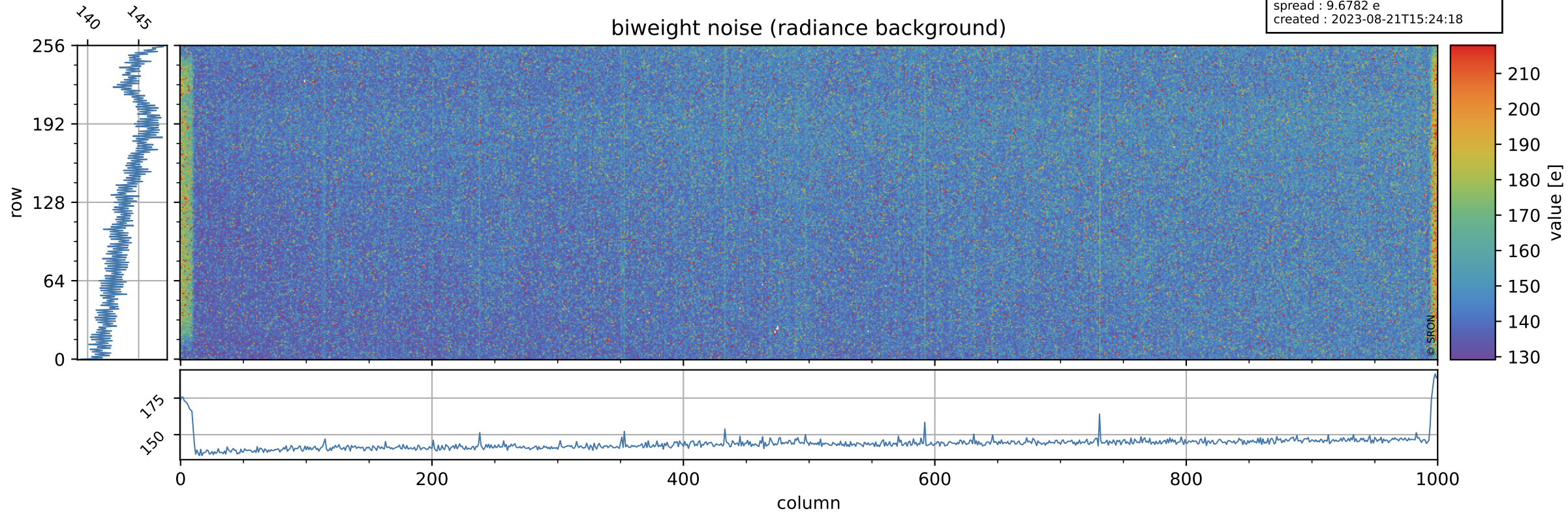
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.6782 e
created : 2023-08-21T15:24:18

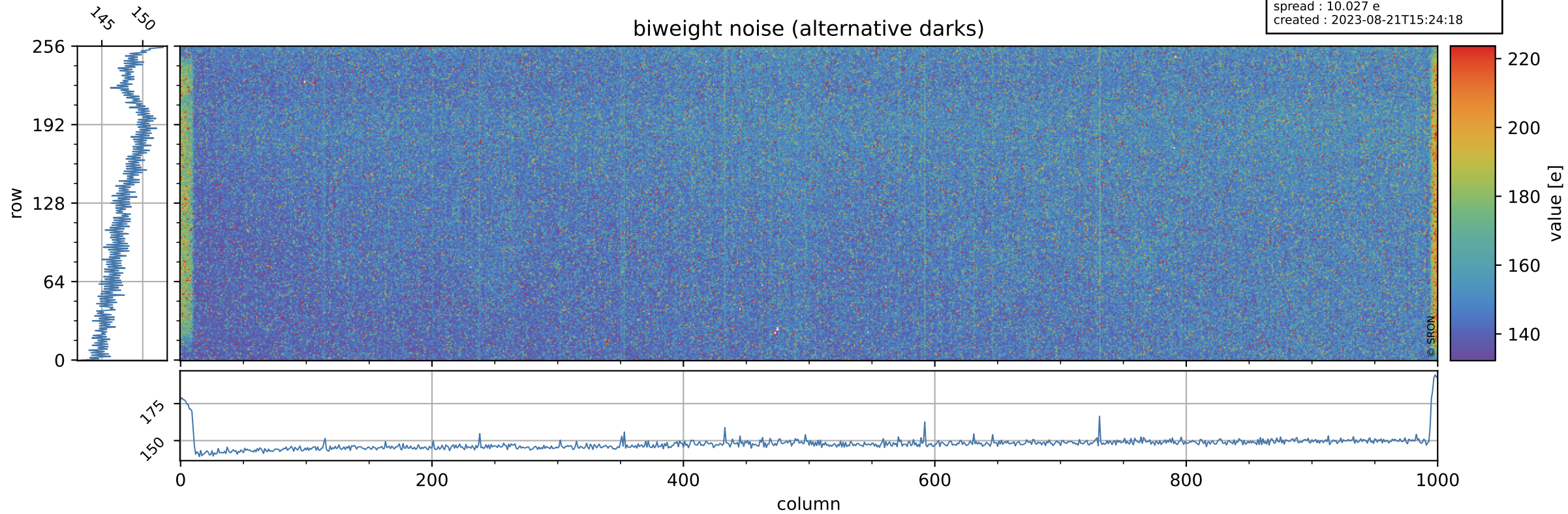
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.027 e
created : 2023-08-21T15:24:18

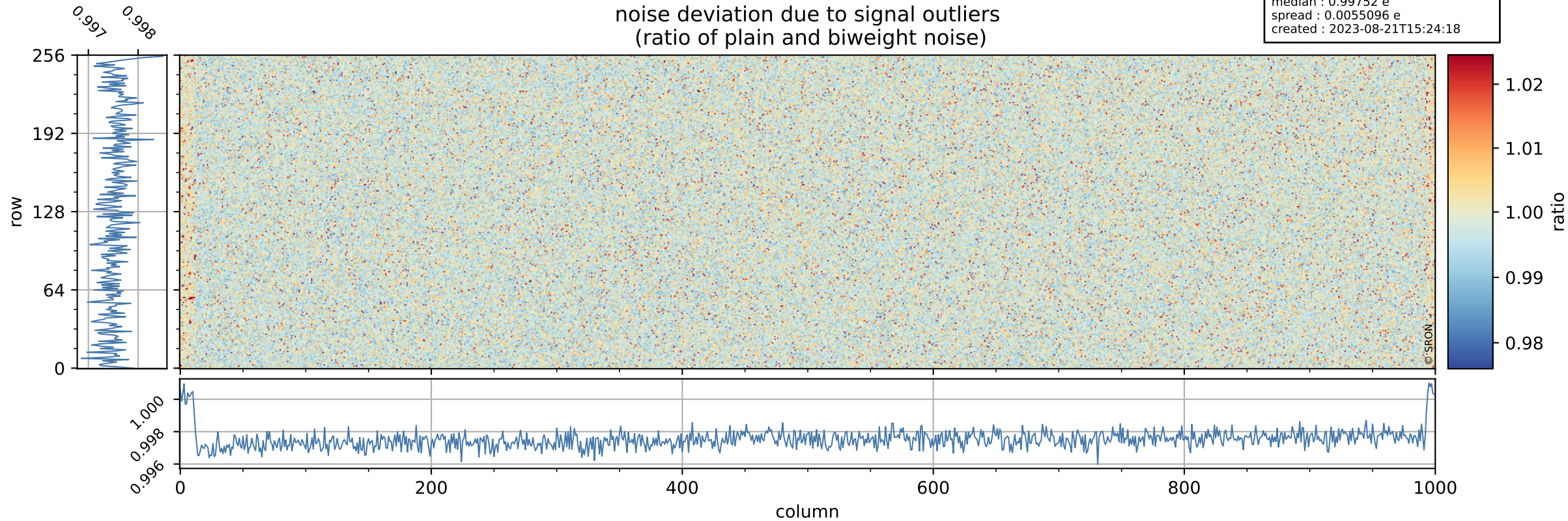
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

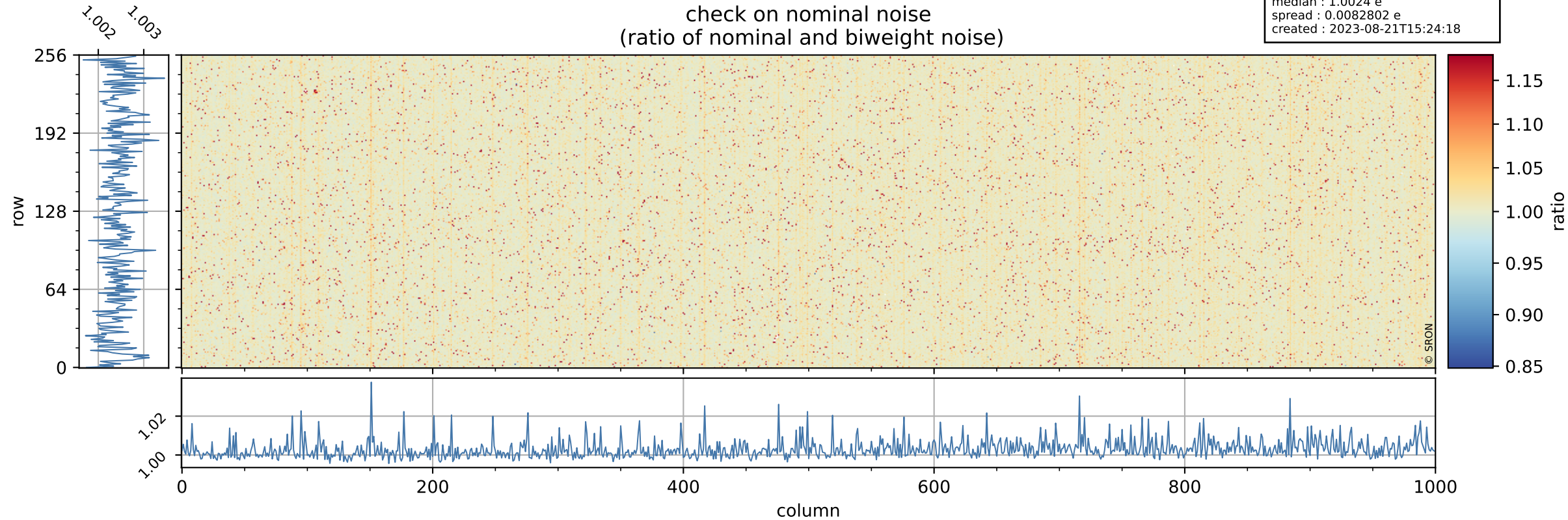
orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
median : 0.99752 e
spread : 0.0055096 e
created : 2023-08-21T15:24:18



Tropomi SWIR background noise (swir)

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

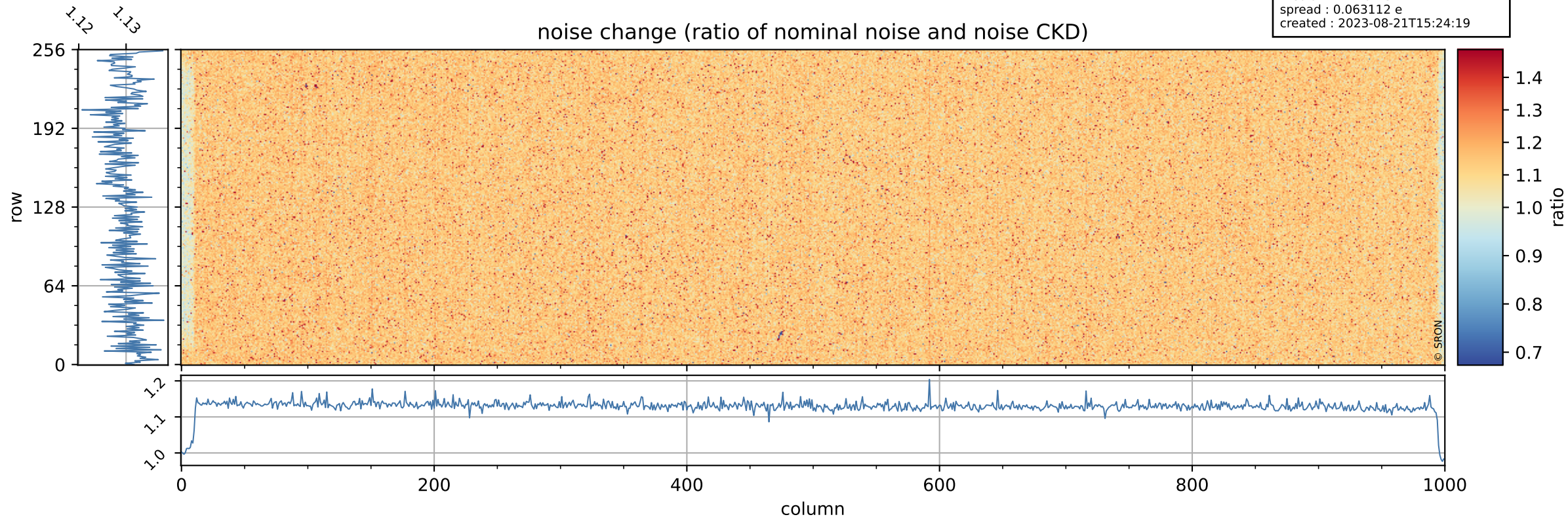
orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
median : 1.0024 e
spread : 0.0082802 e
created : 2023-08-21T15:24:18



Tropomi SWIR background noise (swir)

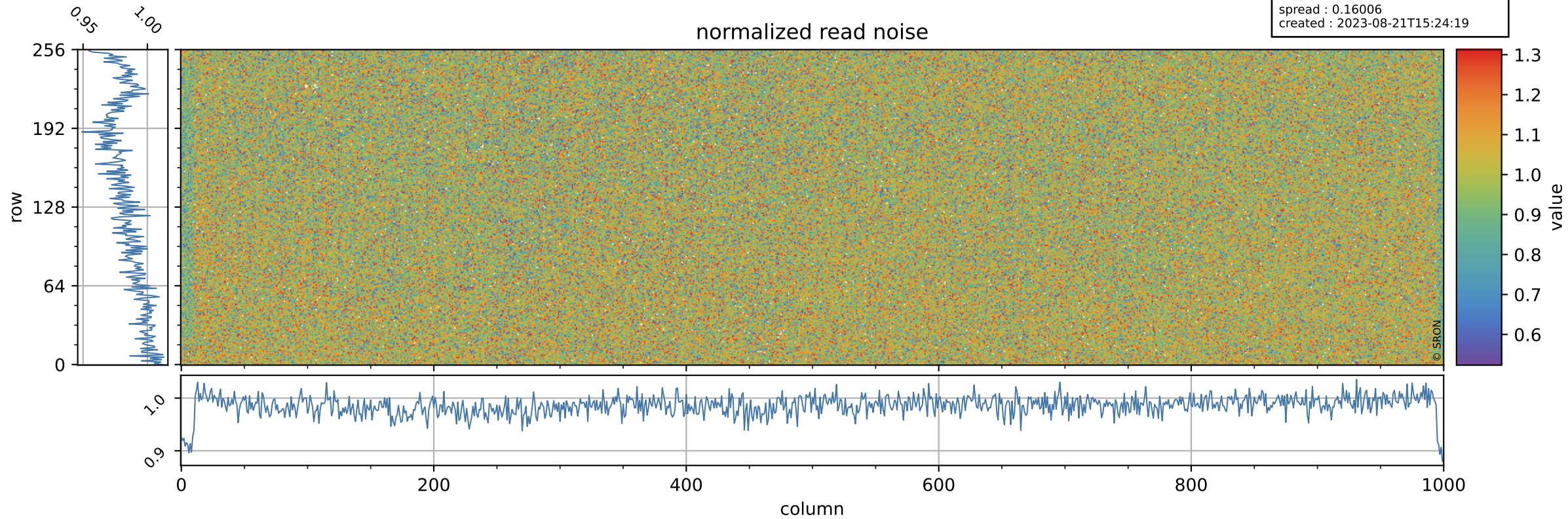
orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
median : 1.1291 e
spread : 0.063112 e
created : 2023-08-21T15:24:19

noise change (ratio of nominal noise and noise CKD)



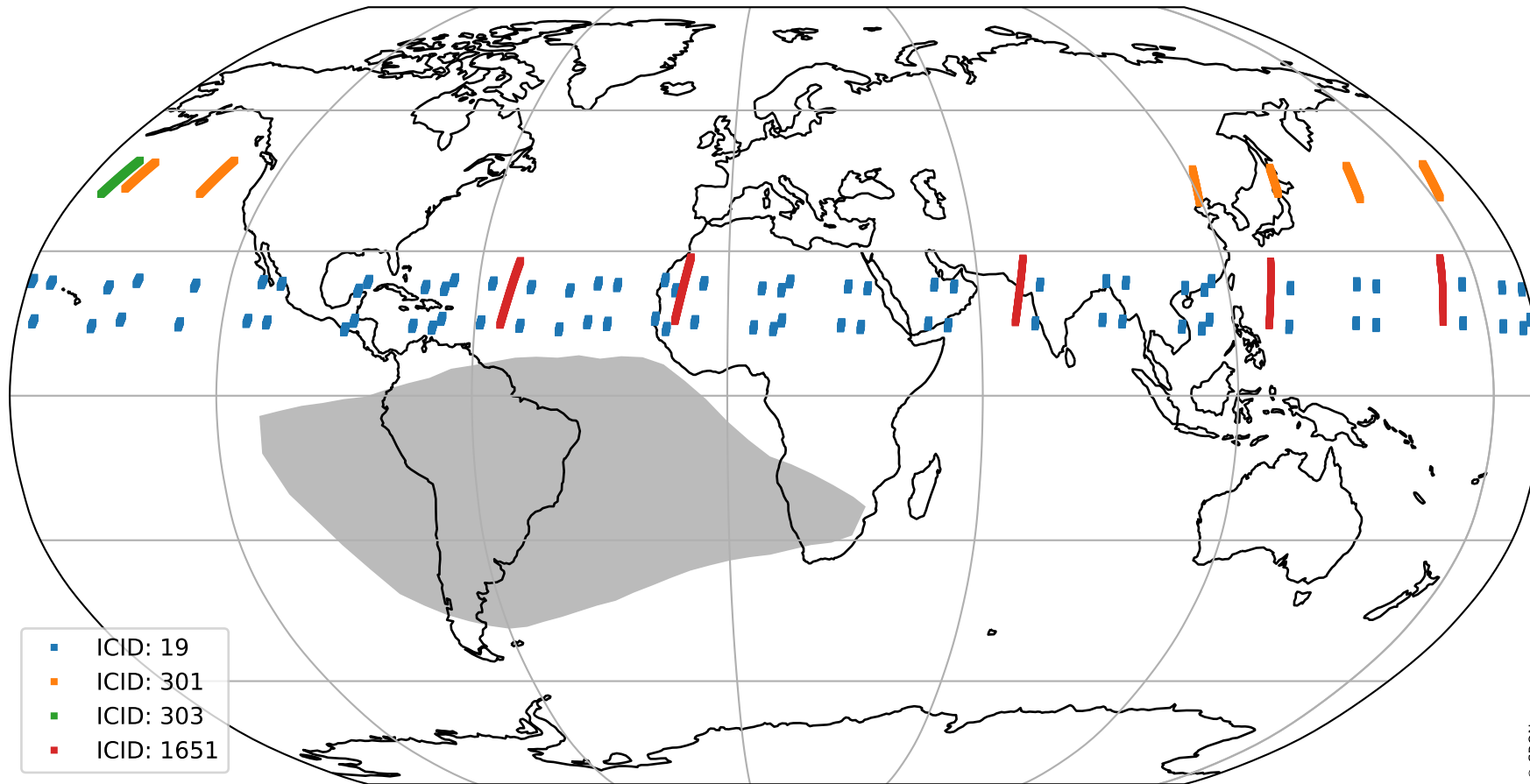
Tropomi SWIR background noise (swir)

orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
median : 0.98417
spread : 0.16006
created : 2023-08-21T15:24:19



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

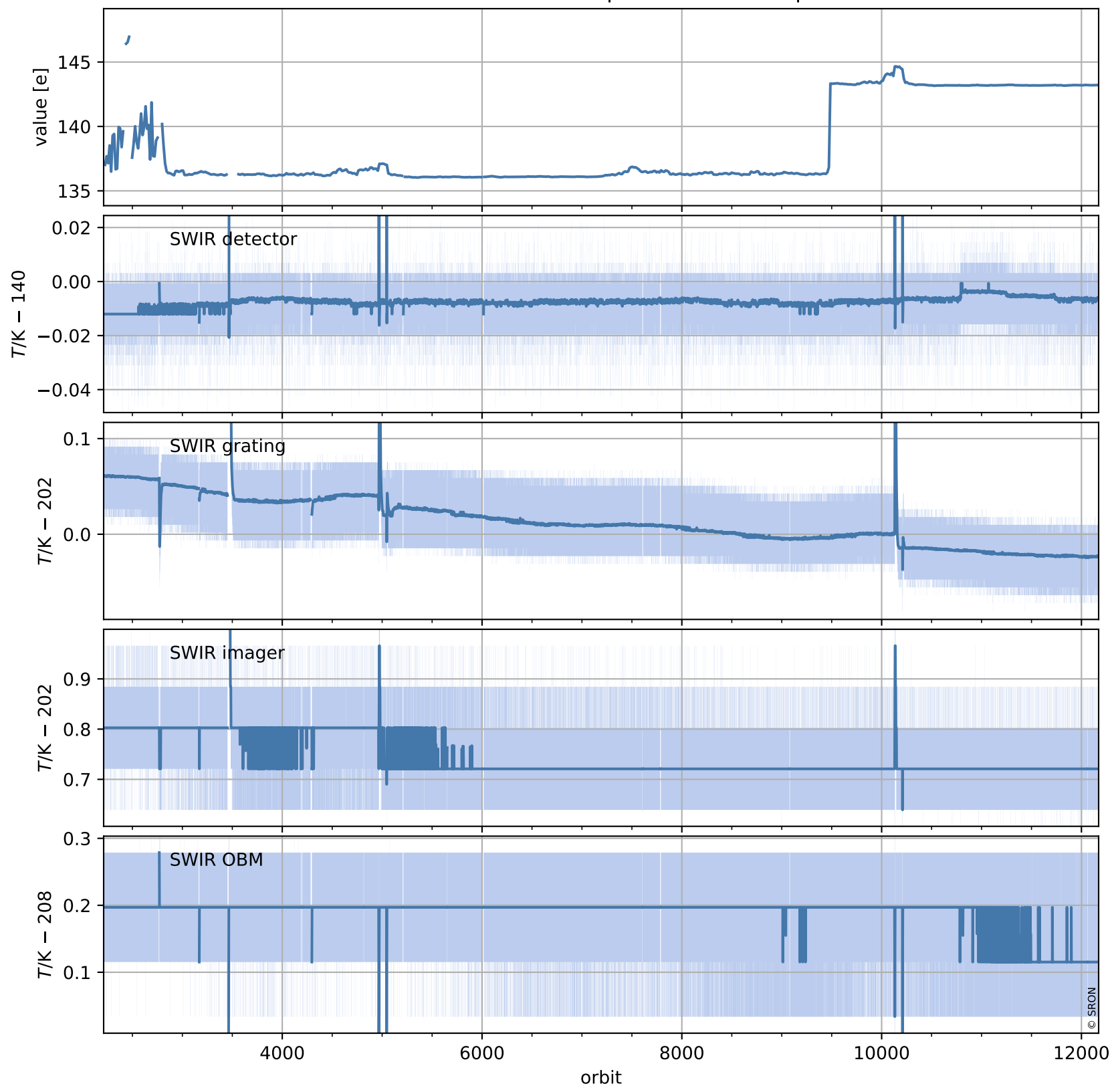
orbits : 12 in [12097, 12172]
coverage : 2020-02-12 / 2020-02-17
created : 2023-08-21T15:24:19



Tropomi SWIR background noise (swir)

orbits : [2212, 12172]
coverage : 2018-03-18 / 2020-02-17
created : 2023-08-21T15:24:20

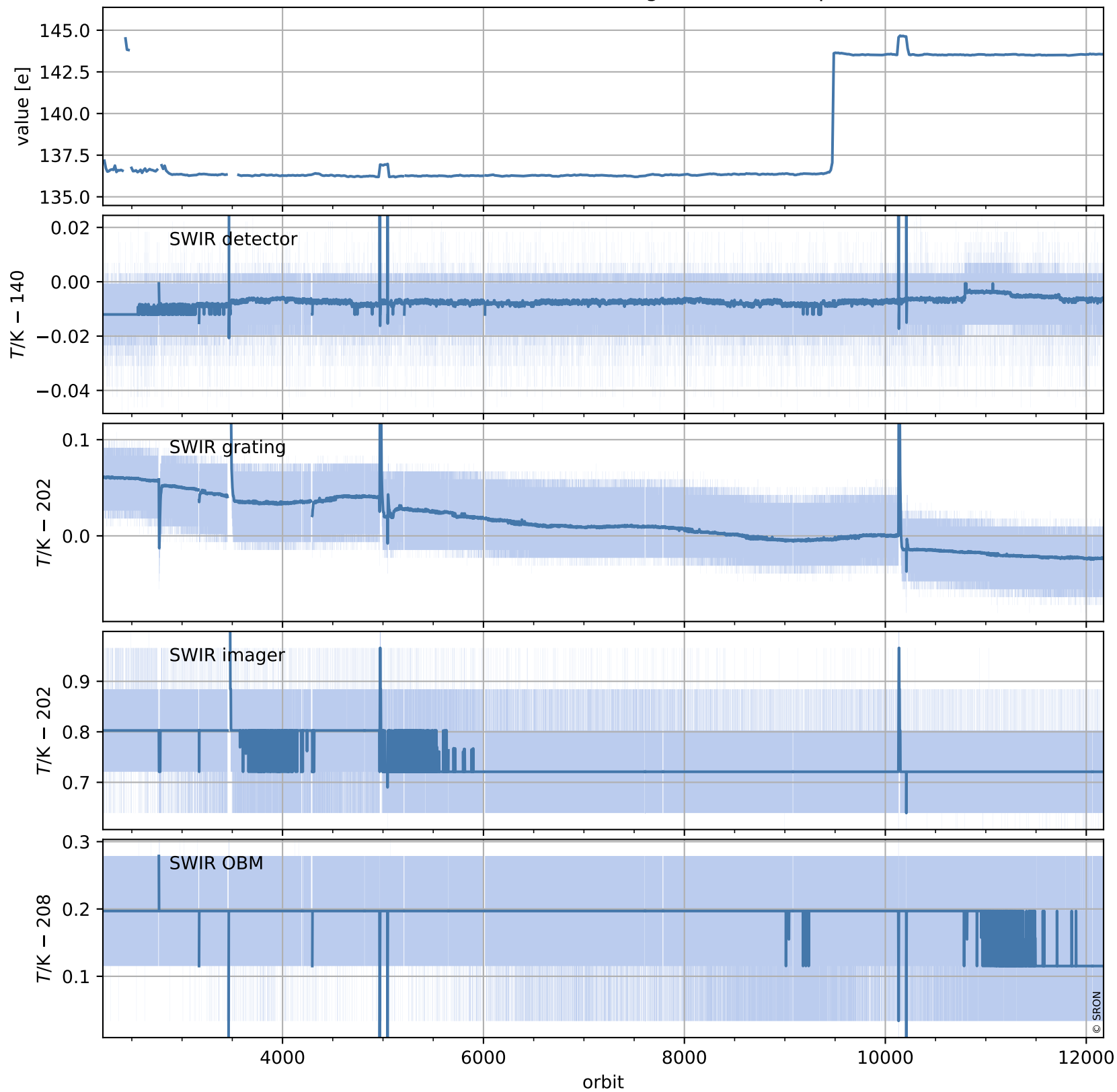
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12172]
coverage : 2018-03-18 / 2020-02-17
created : 2023-08-21T15:24:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12172]
coverage : 2018-03-18 / 2020-02-17
created : 2023-08-21T15:24:21

trend of normalized read-noise & temperatures

