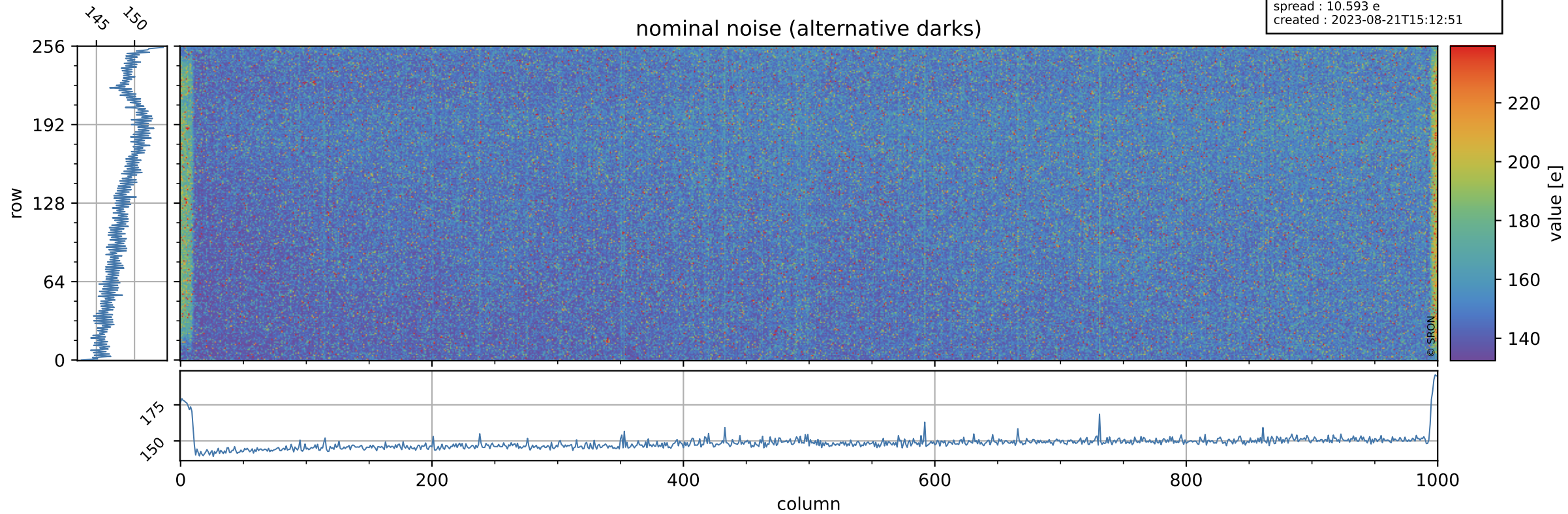


Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.593 e
created : 2023-08-21T15:12:51

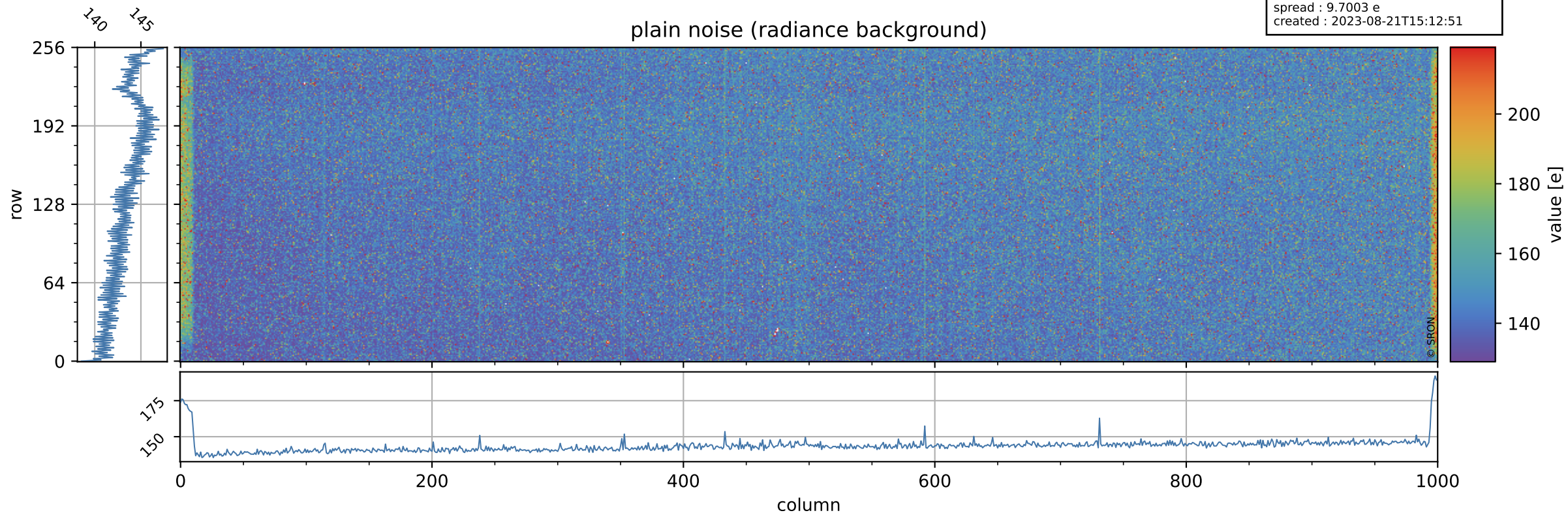
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
n_coad, t_exp : 1, 0.8383
median : 143.31 e
spread : 9.7003 e
created : 2023-08-21T15:12:51

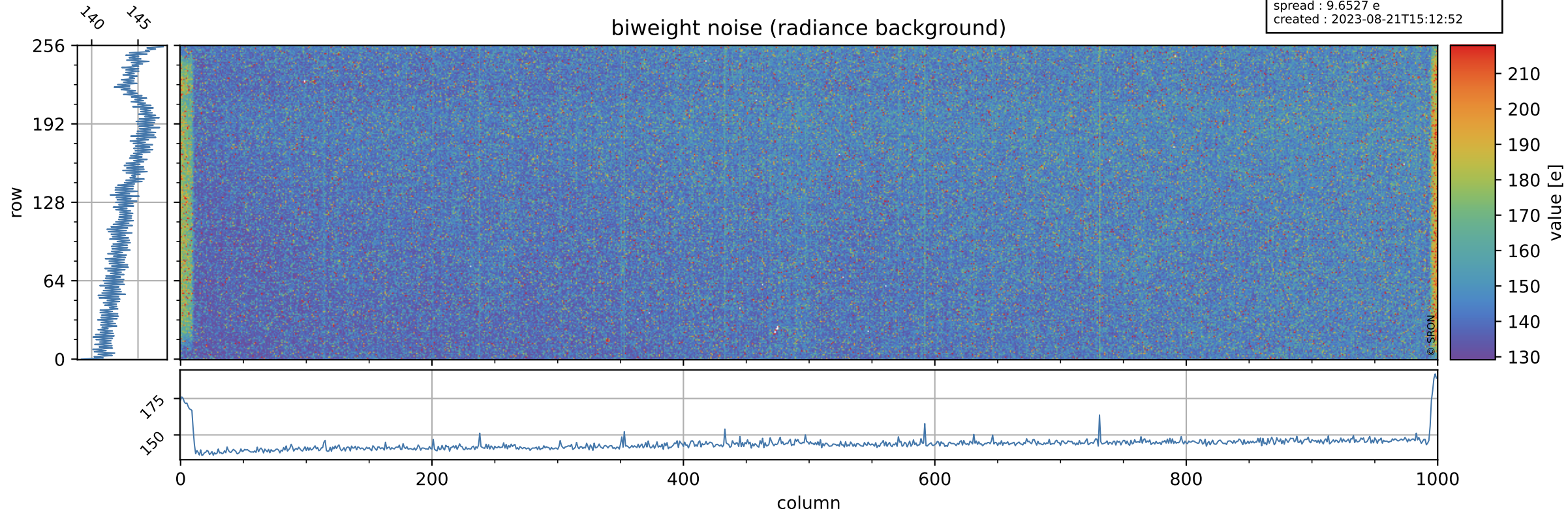
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6527 e
created : 2023-08-21T15:12:52

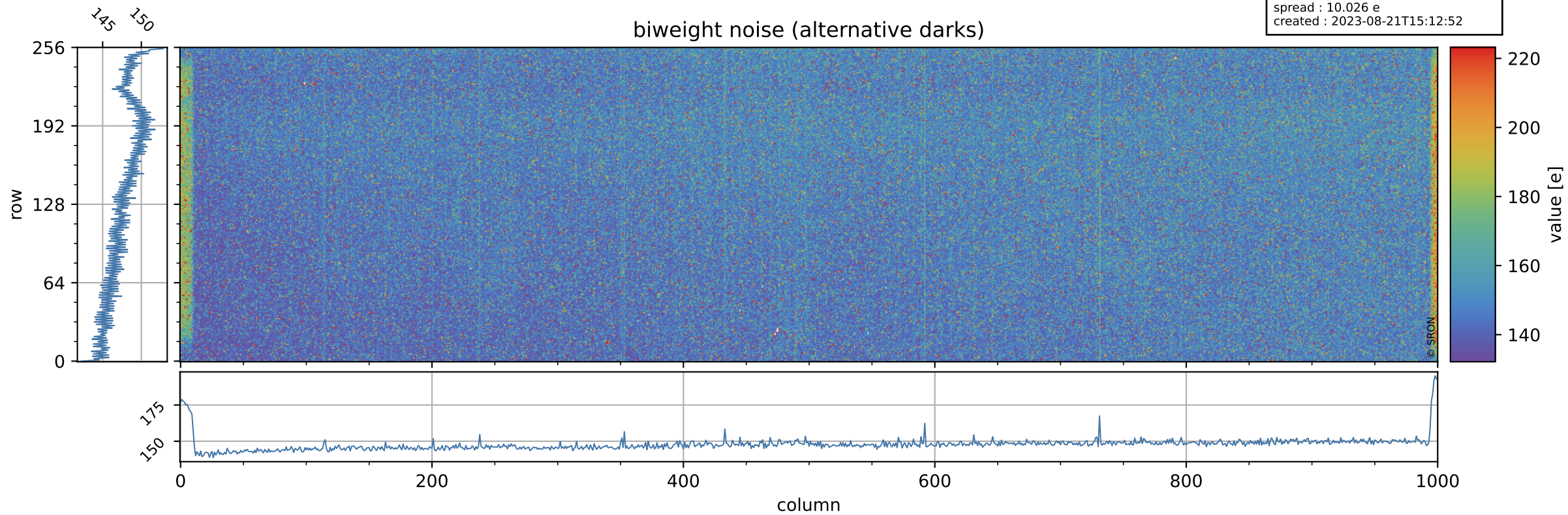
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.026 e
created : 2023-08-21T15:12:52

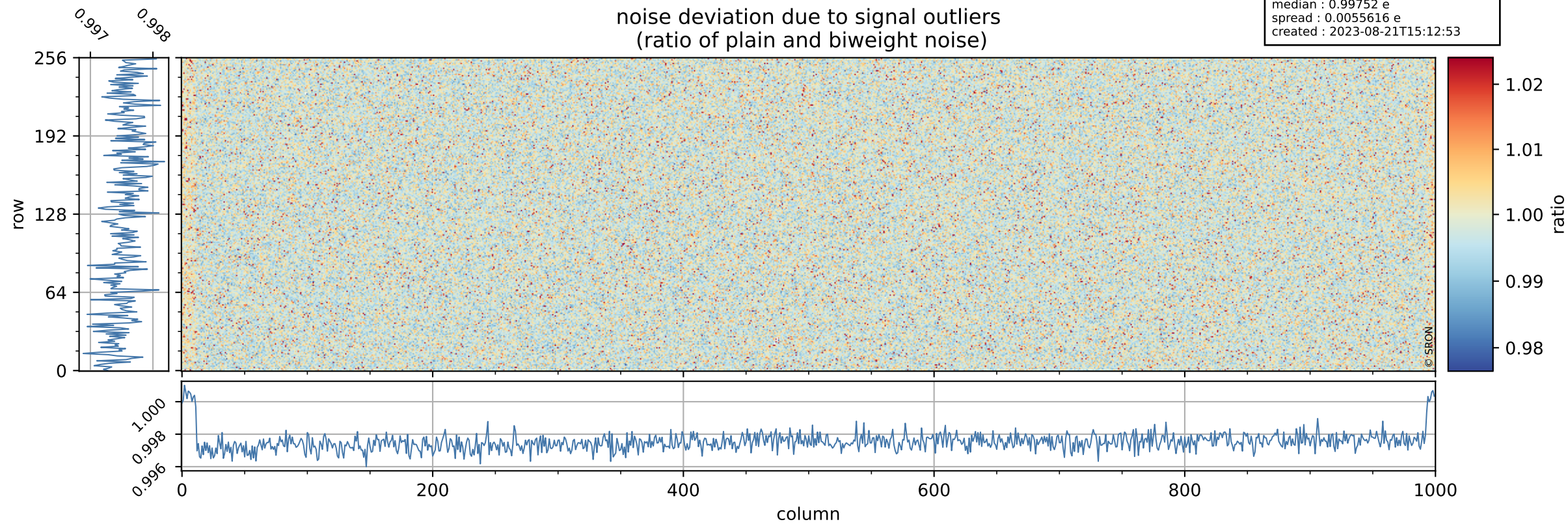
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

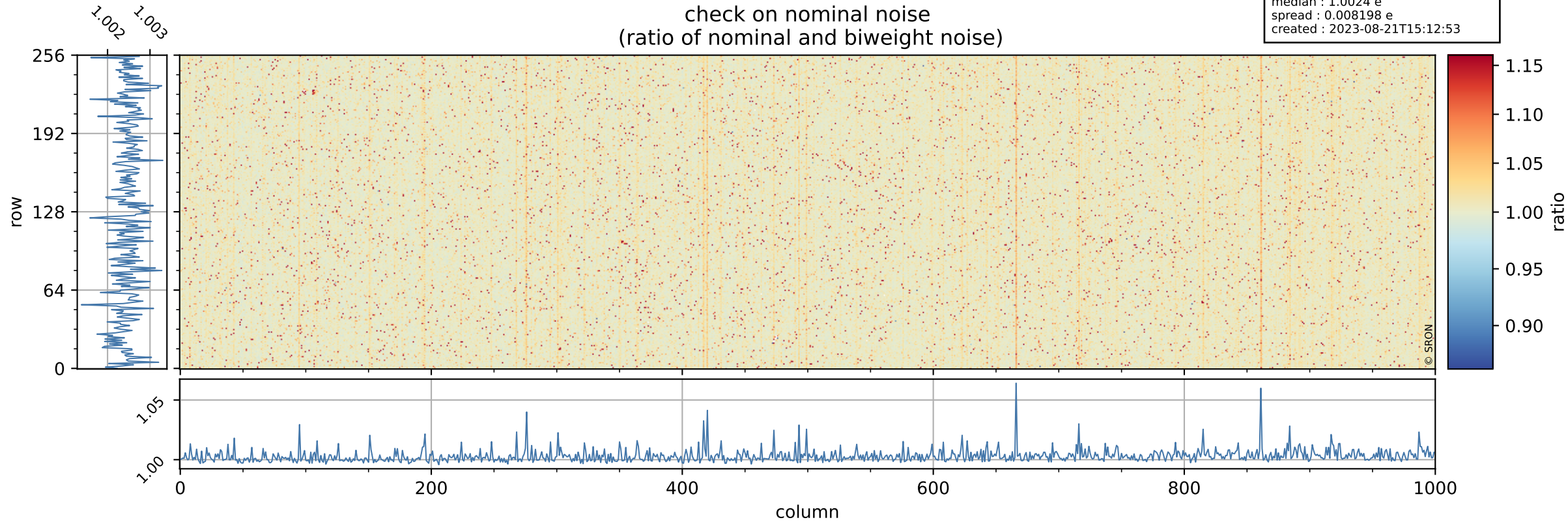
orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
median : 0.99752 e
spread : 0.0055616 e
created : 2023-08-21T15:12:53



Tropomi SWIR background noise (swir)

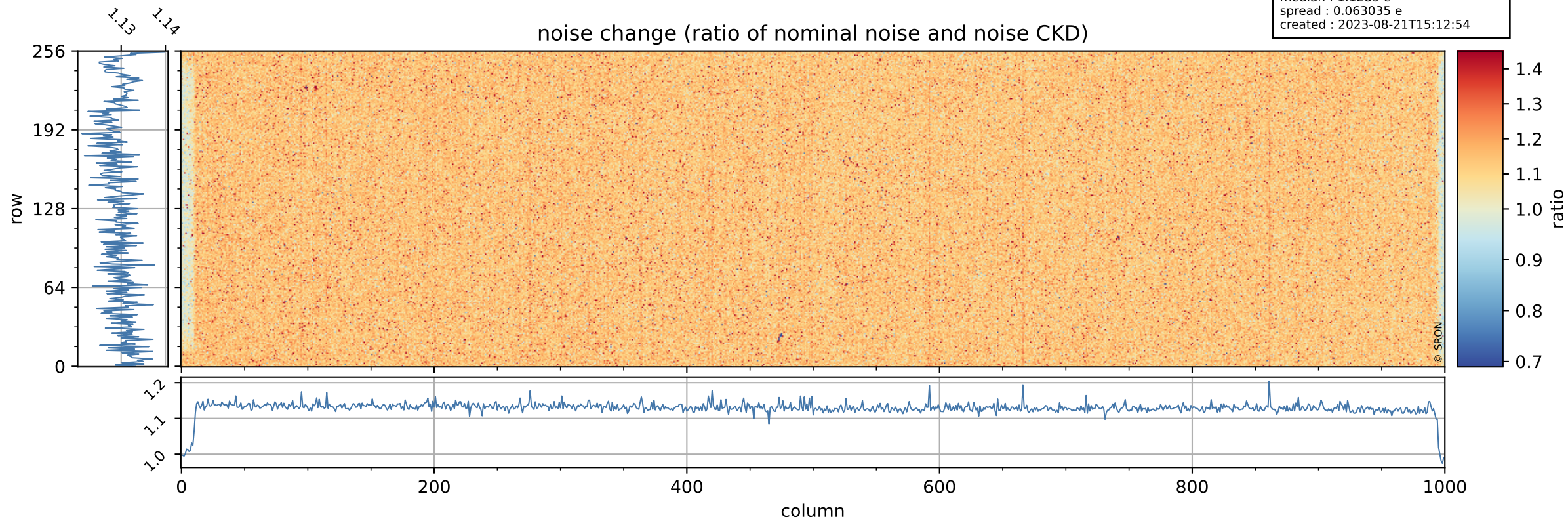
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
median : 1.0024 e
spread : 0.008198 e
created : 2023-08-21T15:12:53



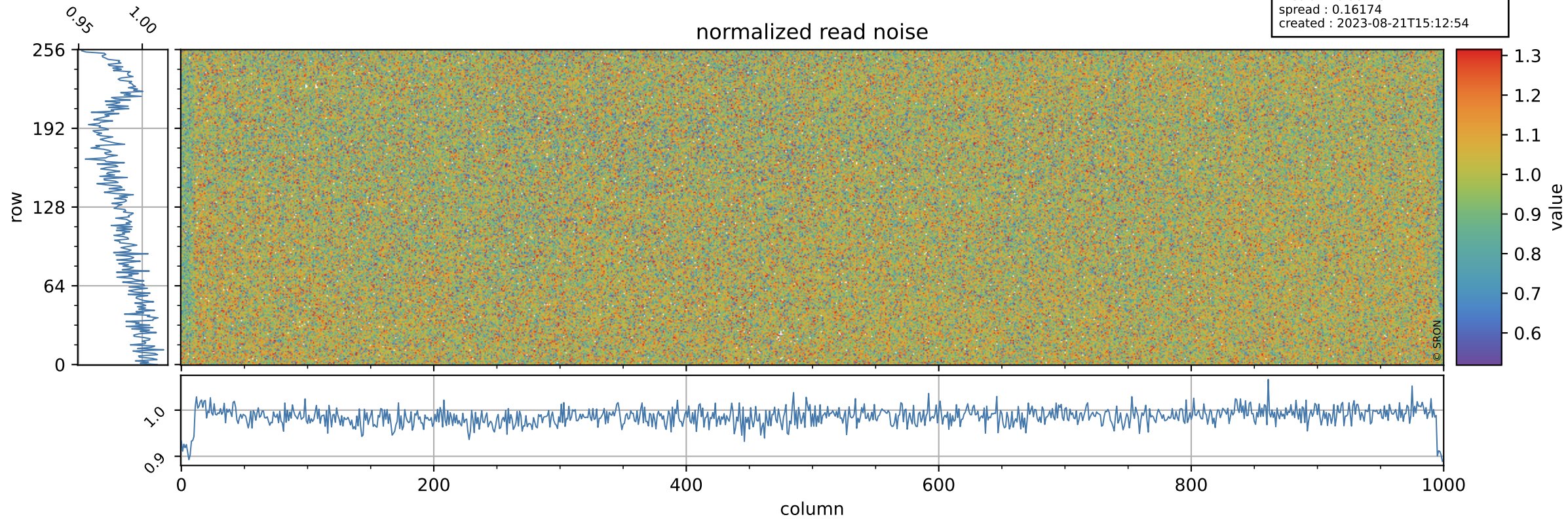
Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
median : 1.1289 e
spread : 0.063035 e
created : 2023-08-21T15:12:54



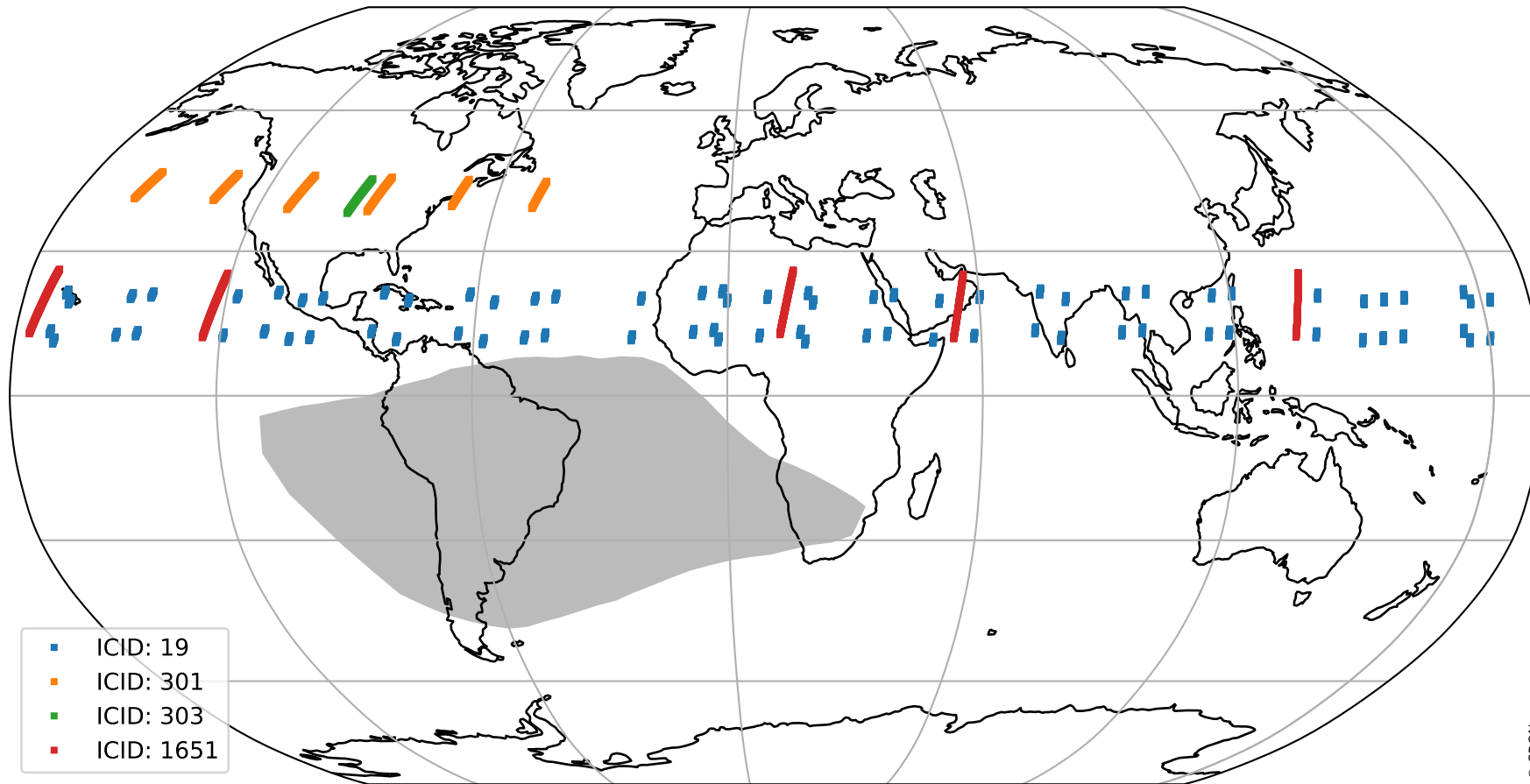
Tropomi SWIR background noise (swir)

orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
median : 0.98419
spread : 0.16174
created : 2023-08-21T15:12:54



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

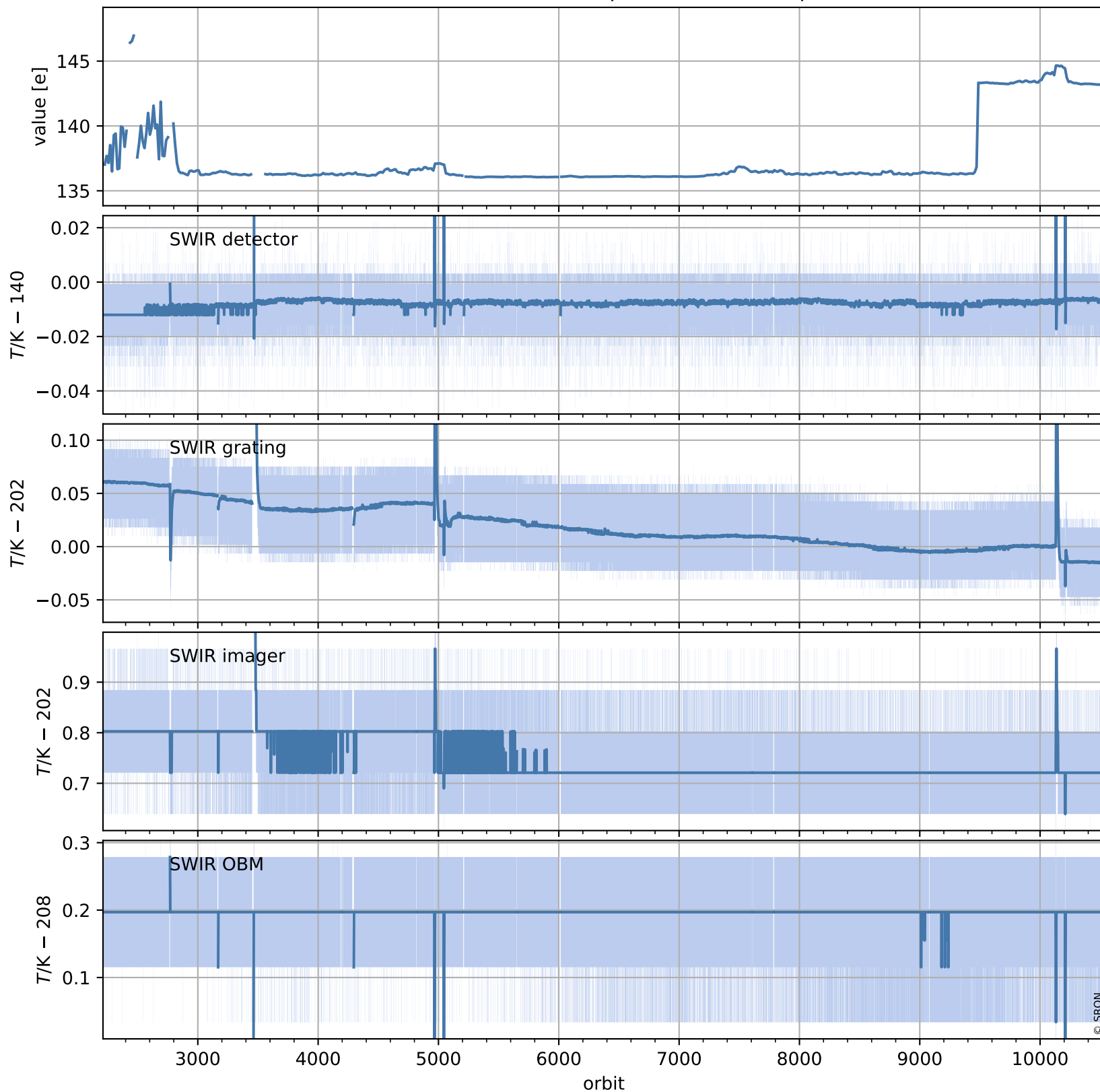
orbits : 12 in [10462, 10537]
coverage : 2019-10-20 / 2019-10-25
created : 2023-08-21T15:12:55



Tropomi SWIR background noise (swir)

orbits : [2212, 10537]
coverage : 2018-03-18 / 2019-10-25
created : 2023-08-21T15:12:55

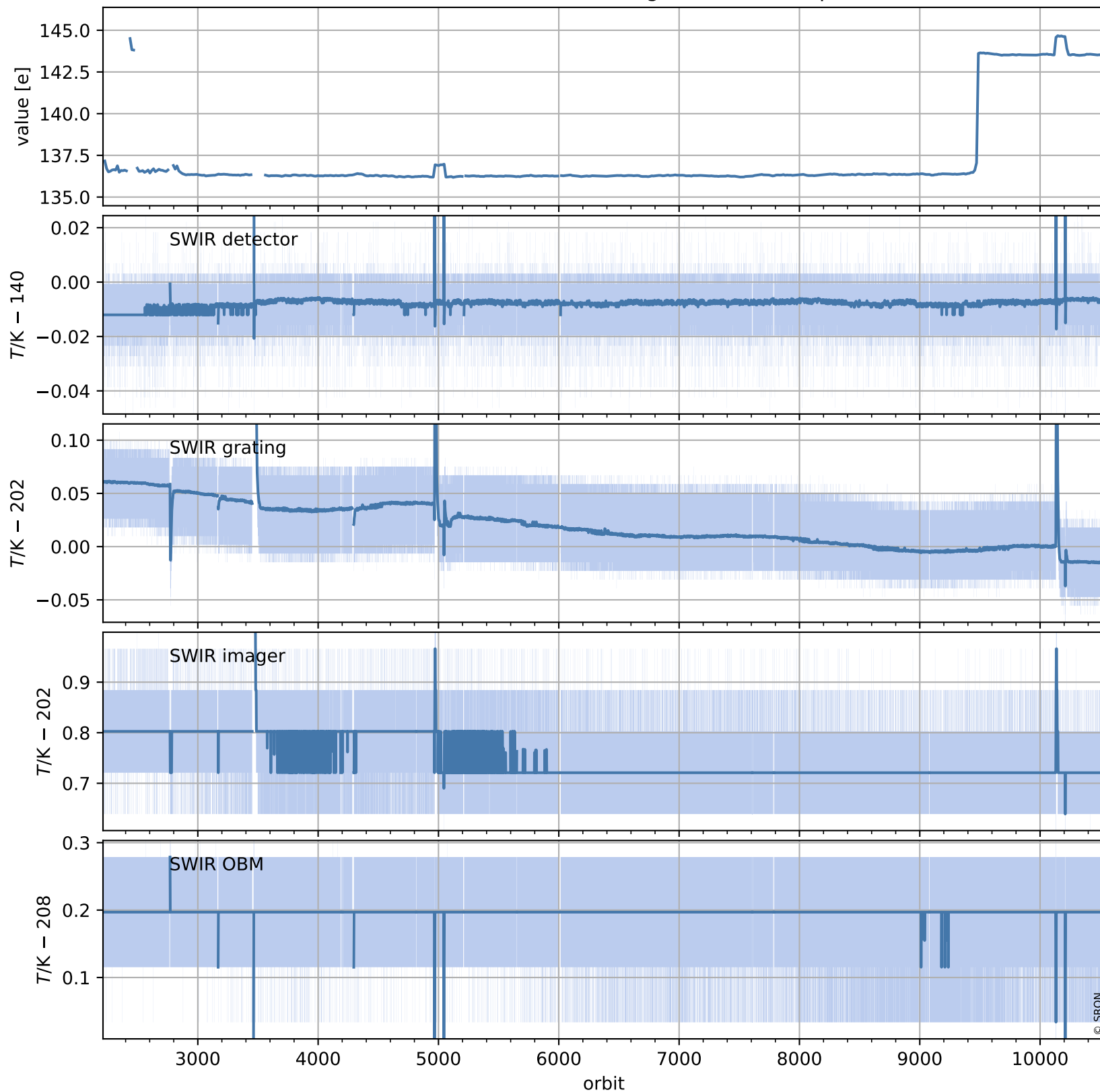
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10537]
coverage : 2018-03-18 / 2019-10-25
created : 2023-08-21T15:12:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10537]
coverage : 2018-03-18 / 2019-10-25
created : 2023-08-21T15:12:56

trend of normalized read-noise & temperatures

