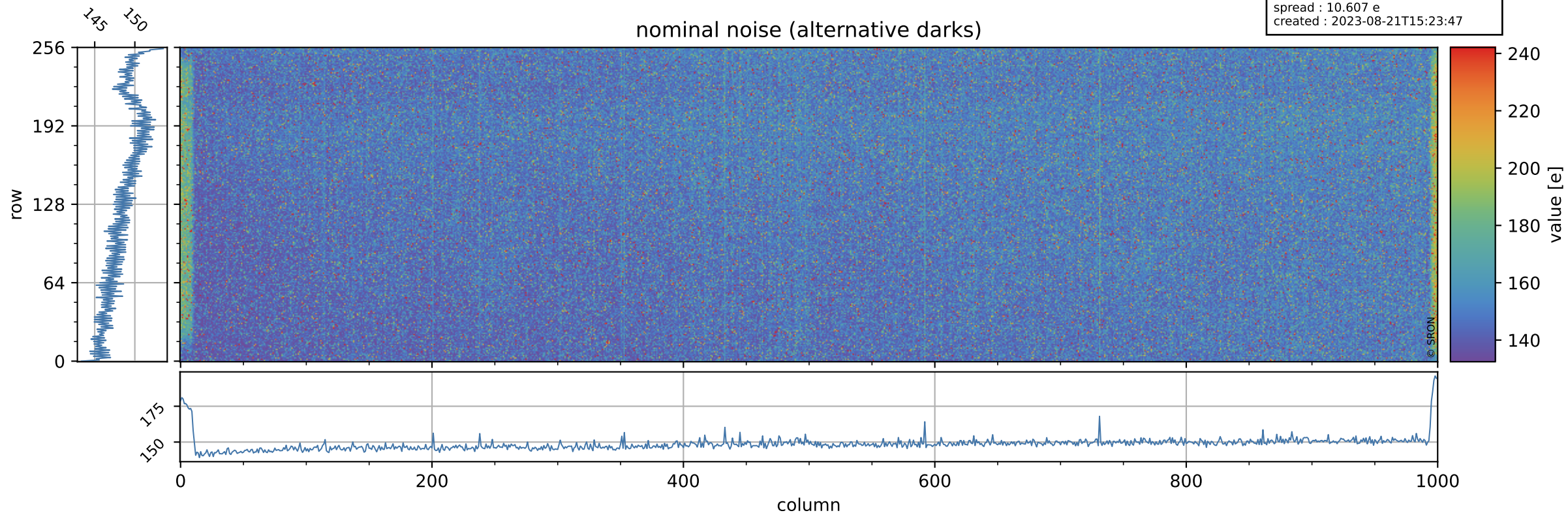


Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.607 e
created : 2023-08-21T15:23:47

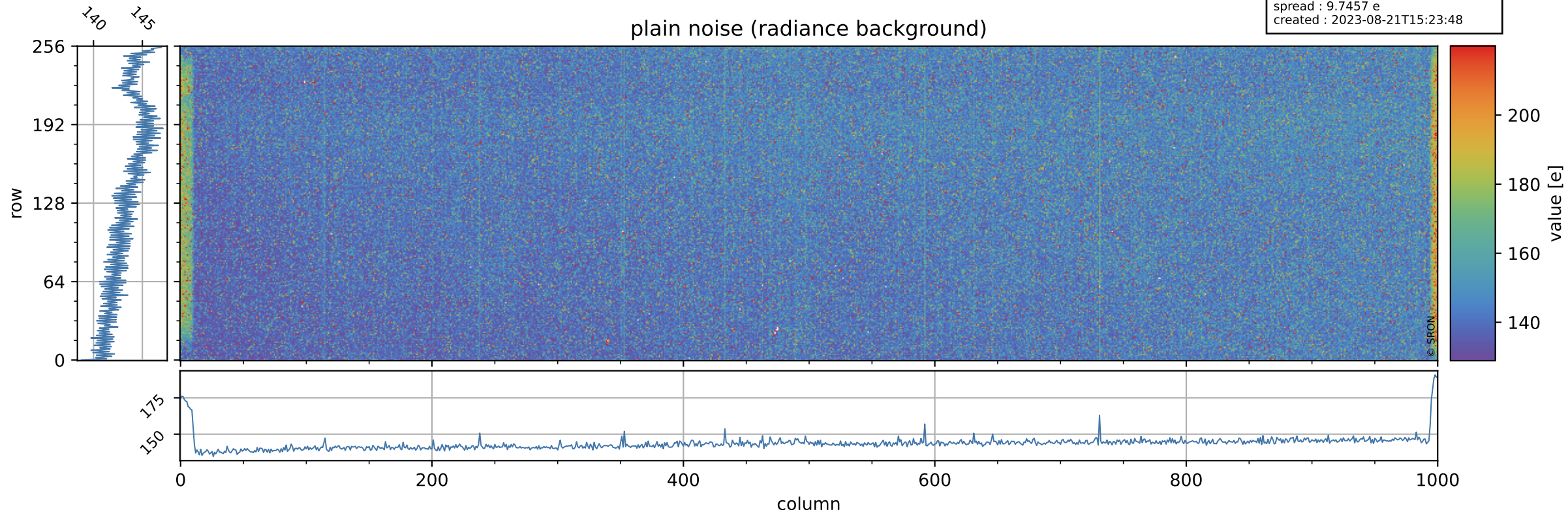
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7457 e
created : 2023-08-21T15:23:48

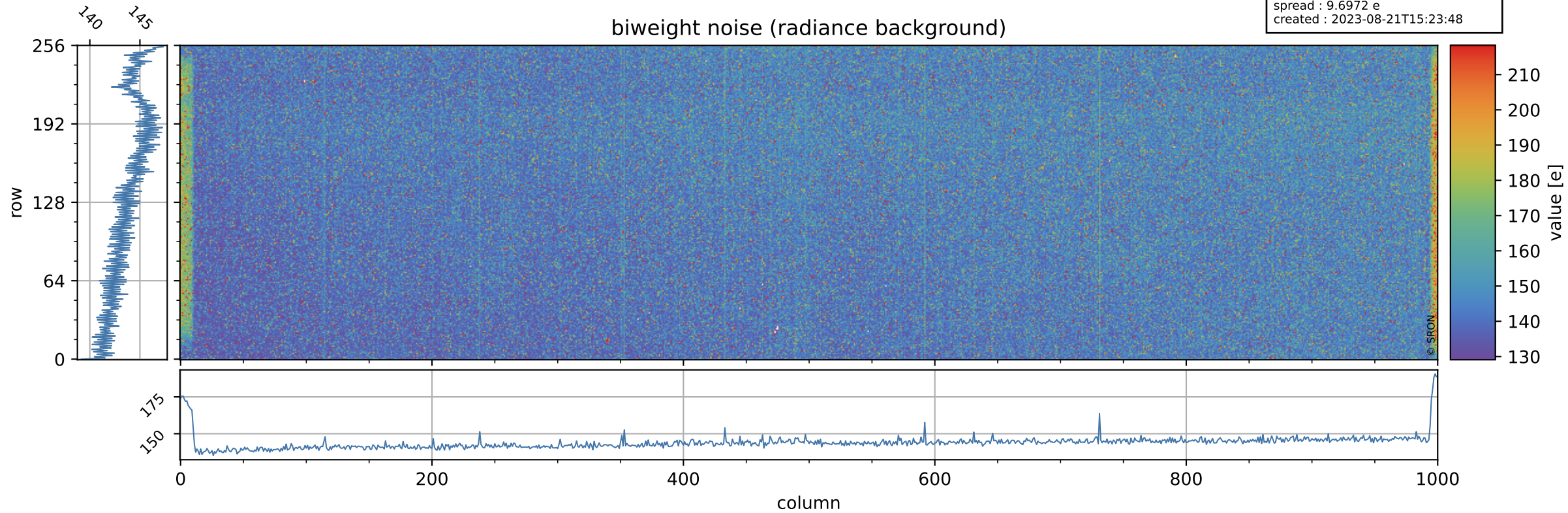
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6972 e
created : 2023-08-21T15:23:48

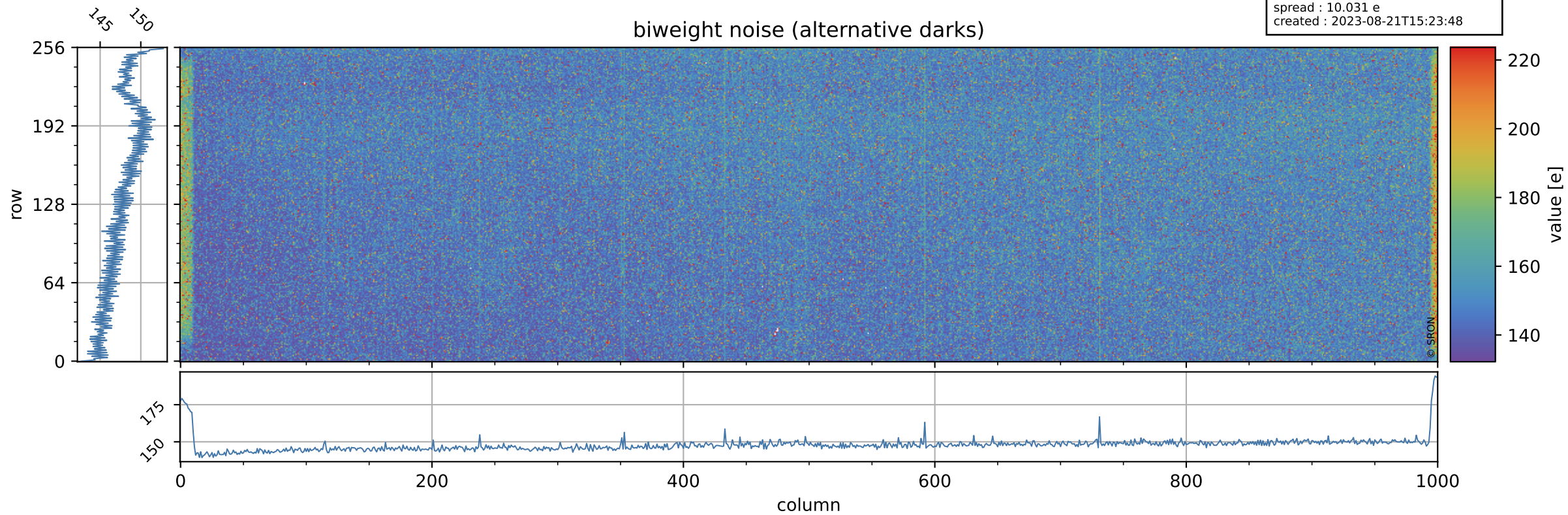
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.031 e
created : 2023-08-21T15:23:48

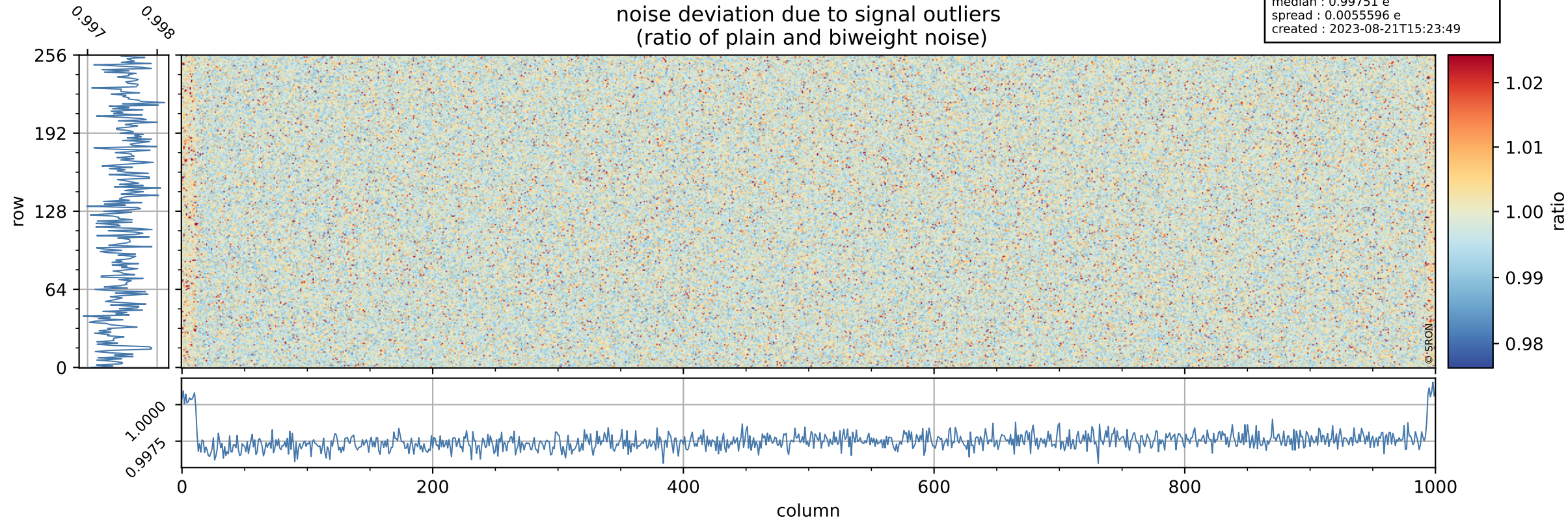
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

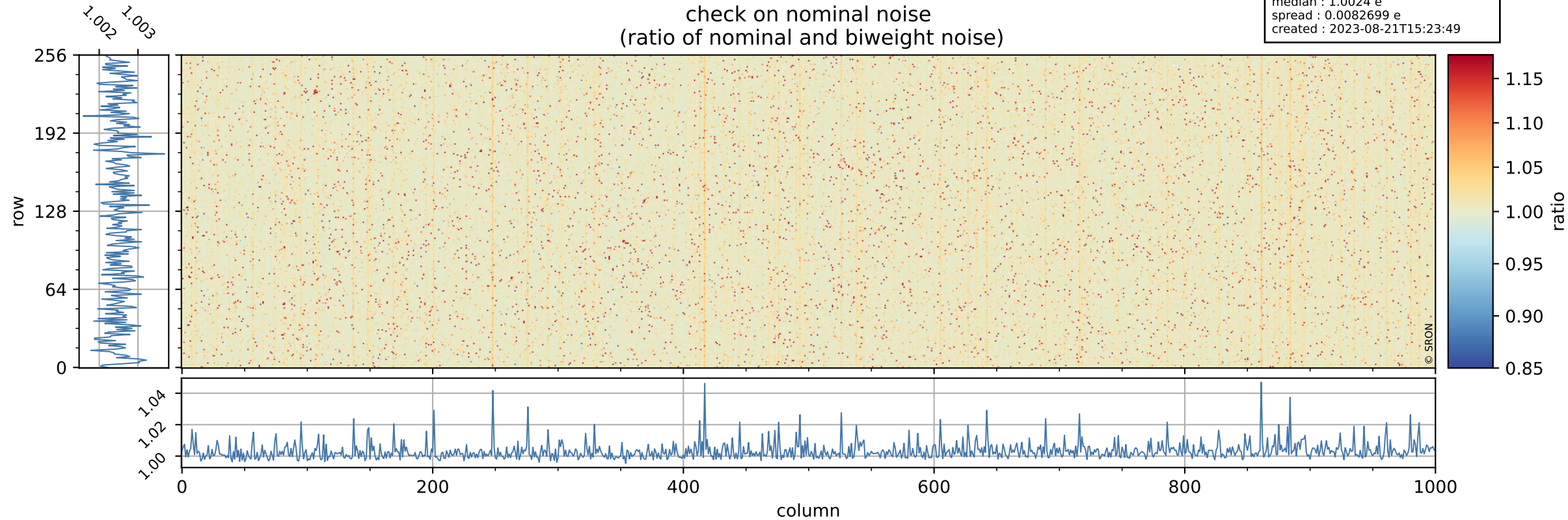
orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
median : 0.99751 e
spread : 0.0055596 e
created : 2023-08-21T15:23:49



Tropomi SWIR background noise (swir)

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

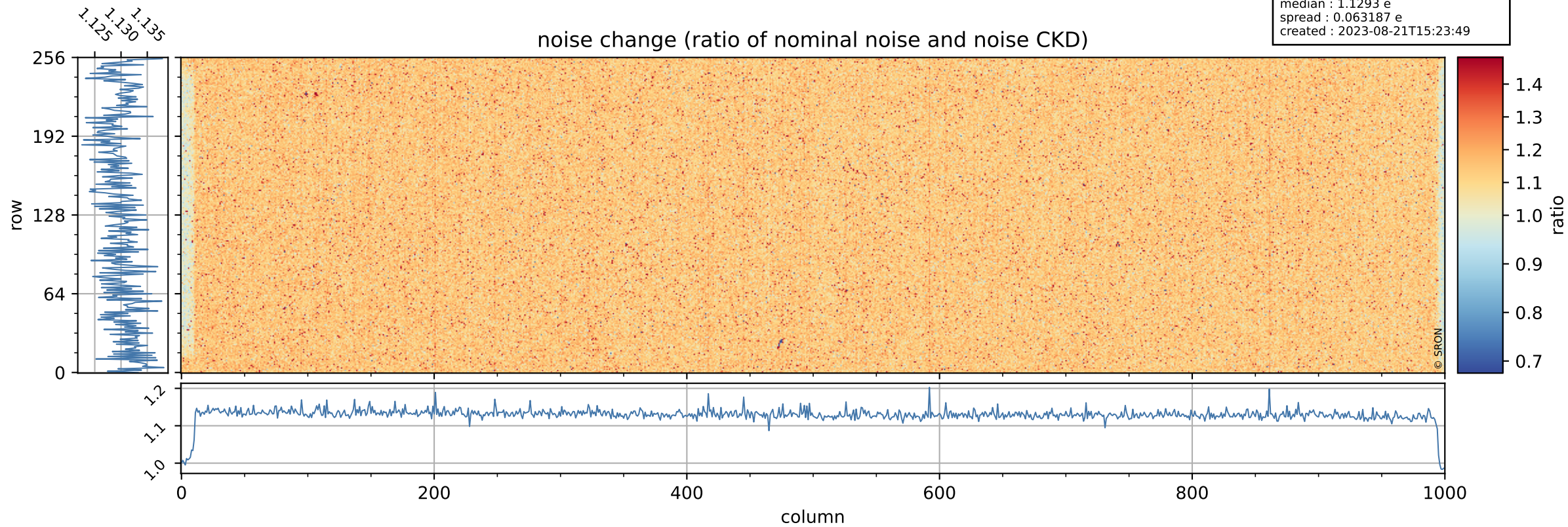
orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
median : 1.0024 e
spread : 0.0082699 e
created : 2023-08-21T15:23:49



Tropomi SWIR background noise (swir)

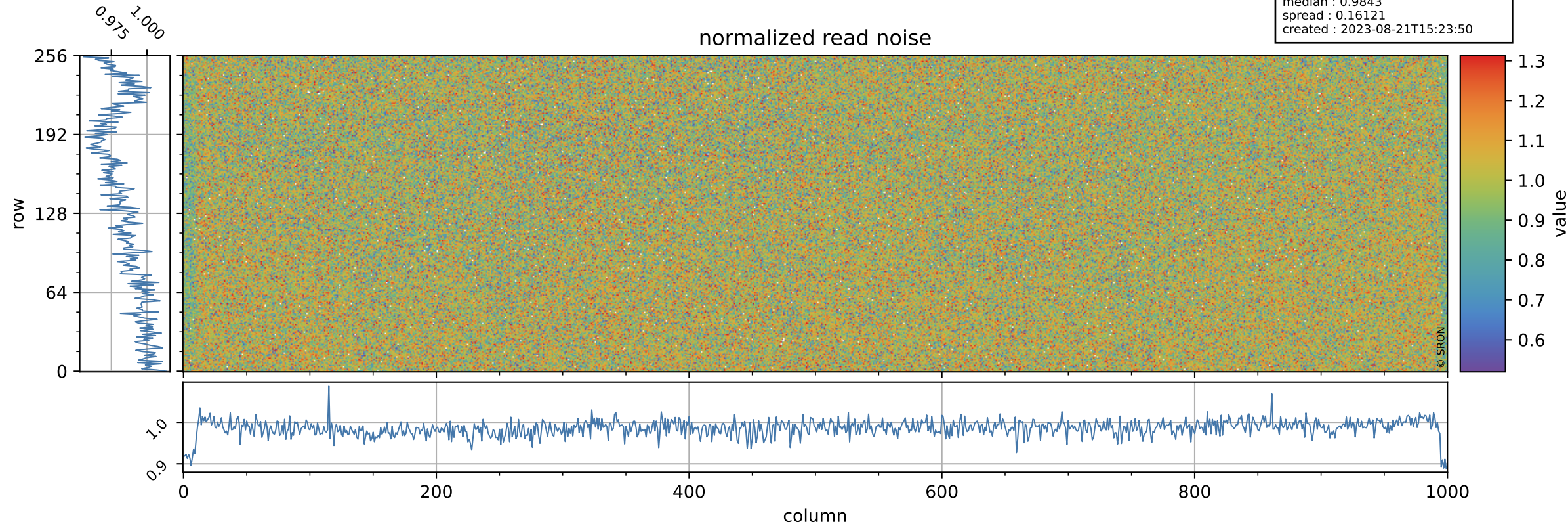
orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
median : 1.1293 e
spread : 0.063187 e
created : 2023-08-21T15:23:49

noise change (ratio of nominal noise and noise CKD)



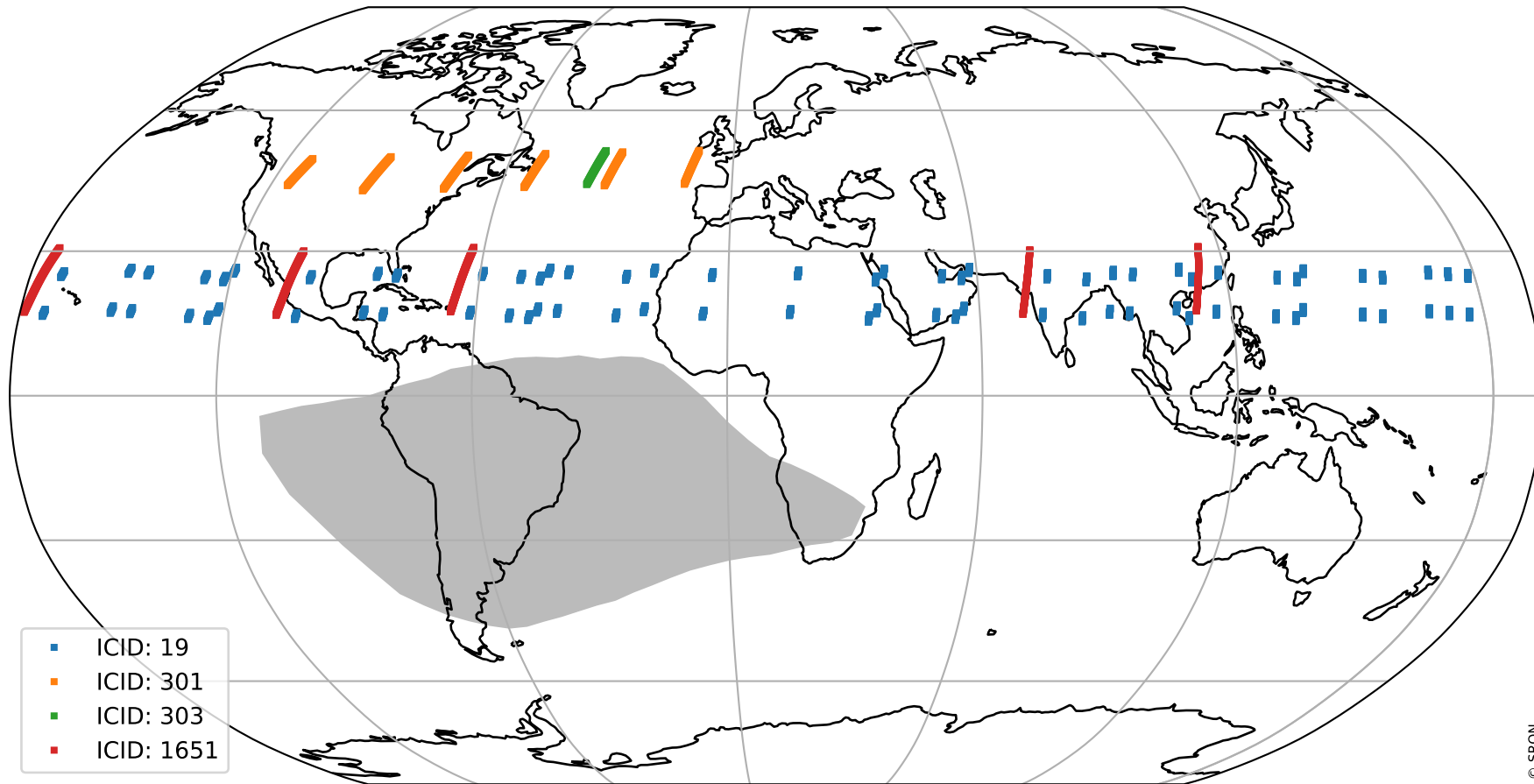
Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
median : 0.9843
spread : 0.16121
created : 2023-08-21T15:23:50



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

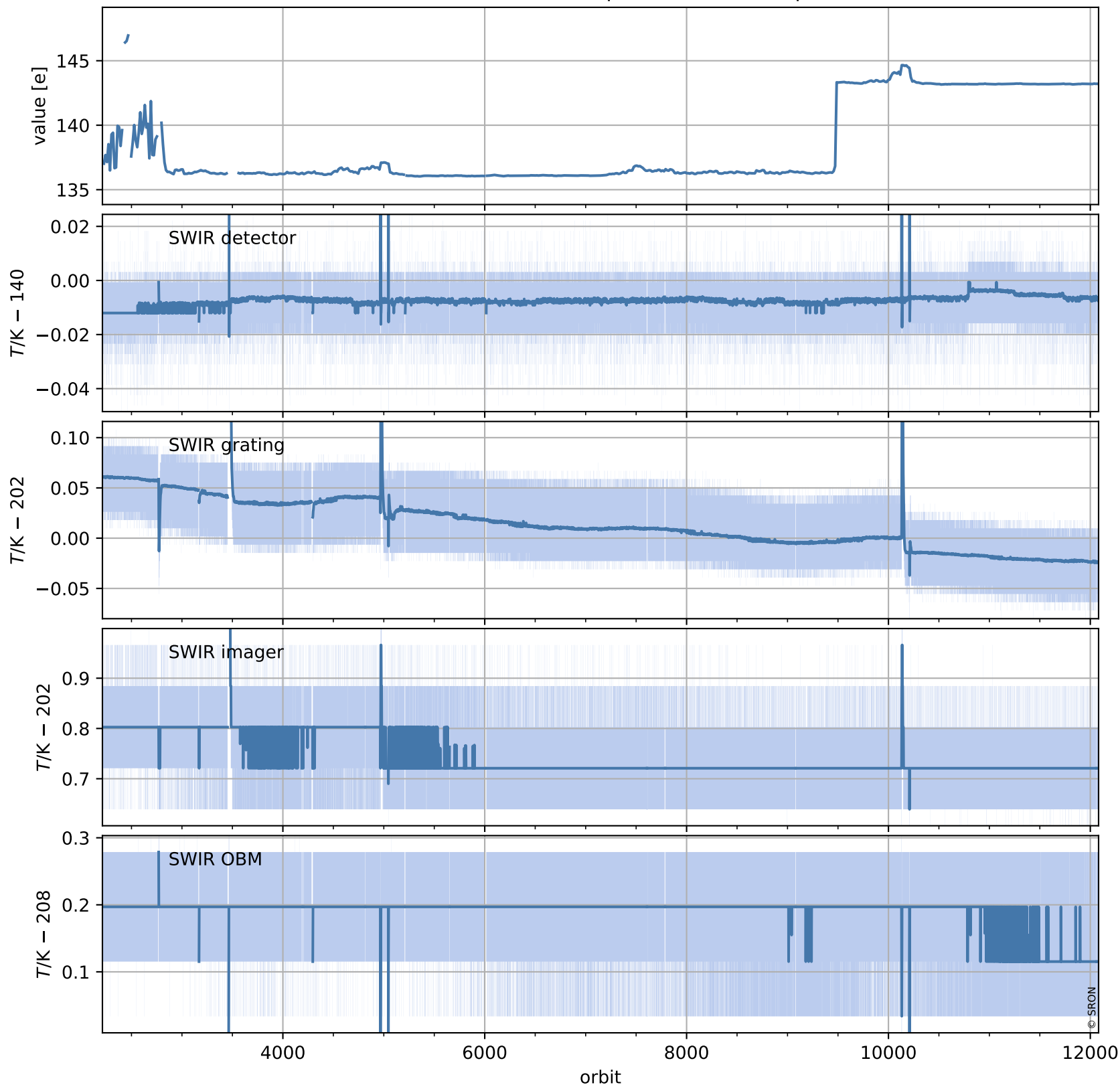
orbits : 12 in [12007, 12082]
coverage : 2020-02-06 / 2020-02-11
created : 2023-08-21T15:23:50



Tropomi SWIR background noise (swir)

orbits : [2212, 12082]
coverage : 2018-03-18 / 2020-02-11
created : 2023-08-21T15:23:50

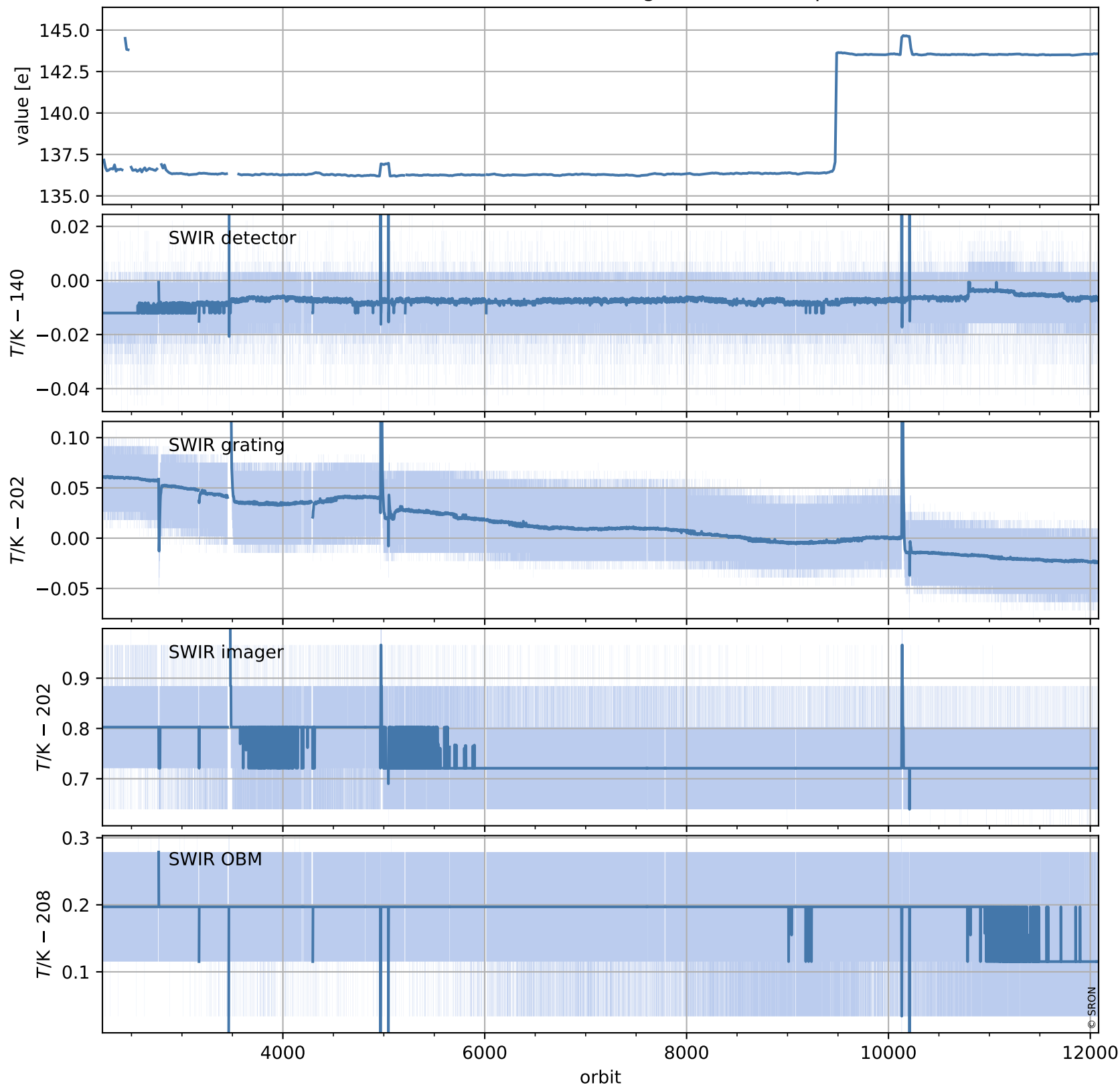
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12082]
coverage : 2018-03-18 / 2020-02-11
created : 2023-08-21T15:23:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12082]
coverage : 2018-03-18 / 2020-02-11
created : 2023-08-21T15:23:51

trend of normalized read-noise & temperatures

