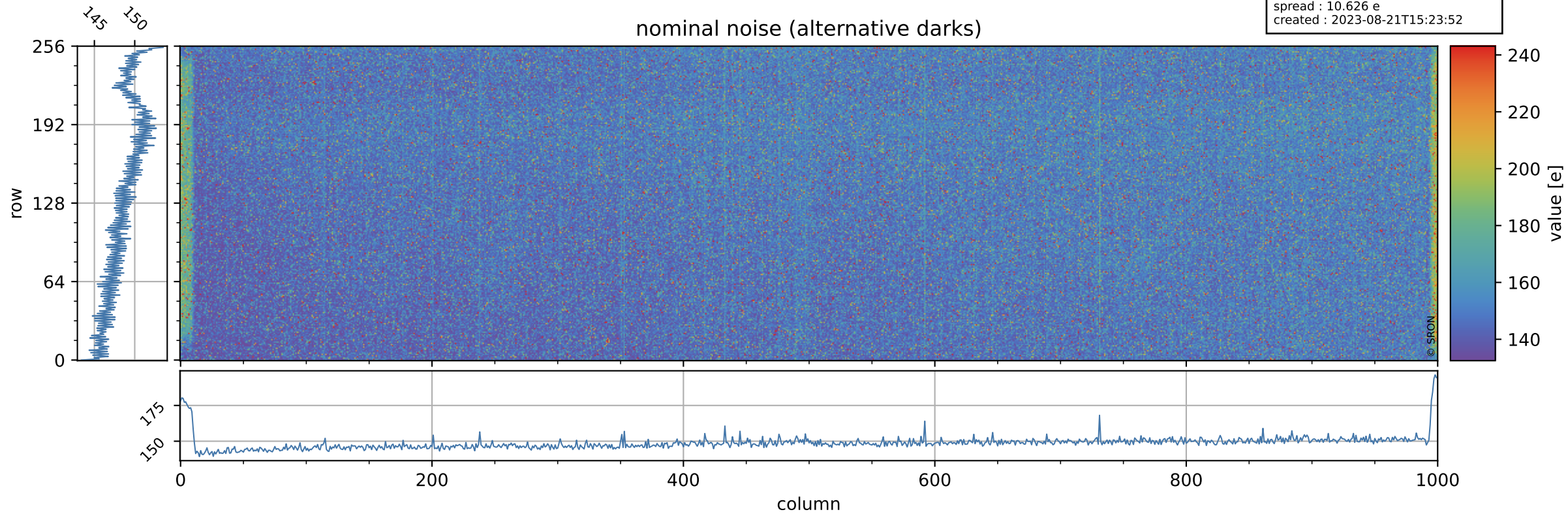


Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.626 e
created : 2023-08-21T15:23:52

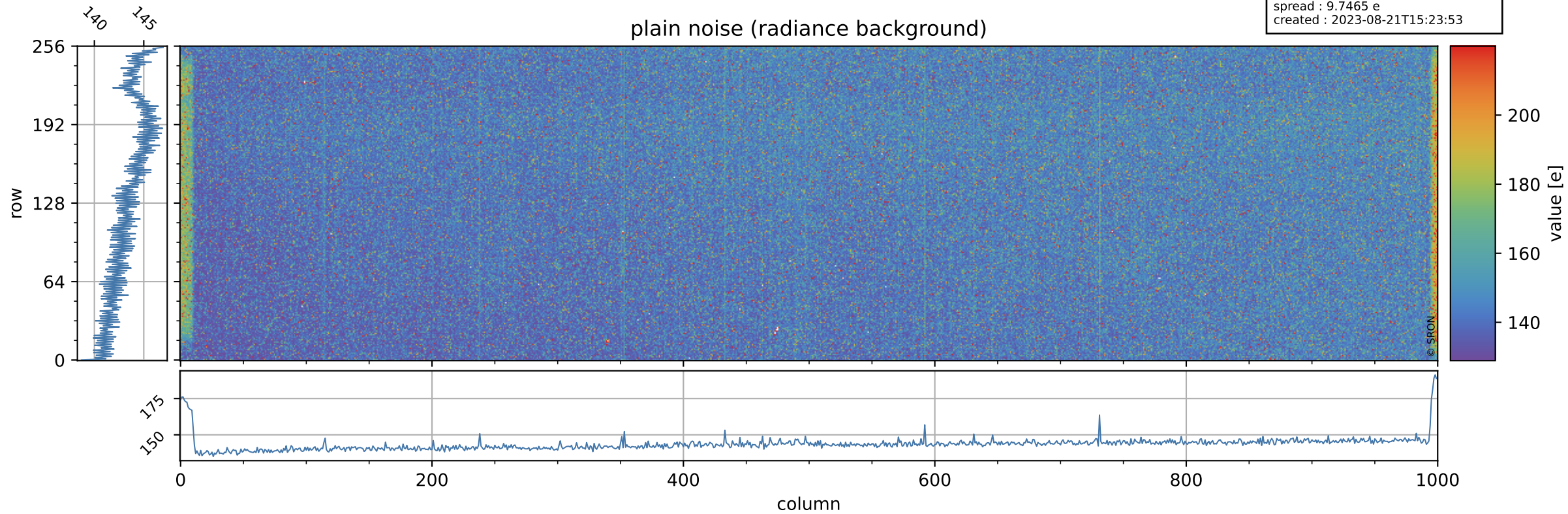
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7465 e
created : 2023-08-21T15:23:53

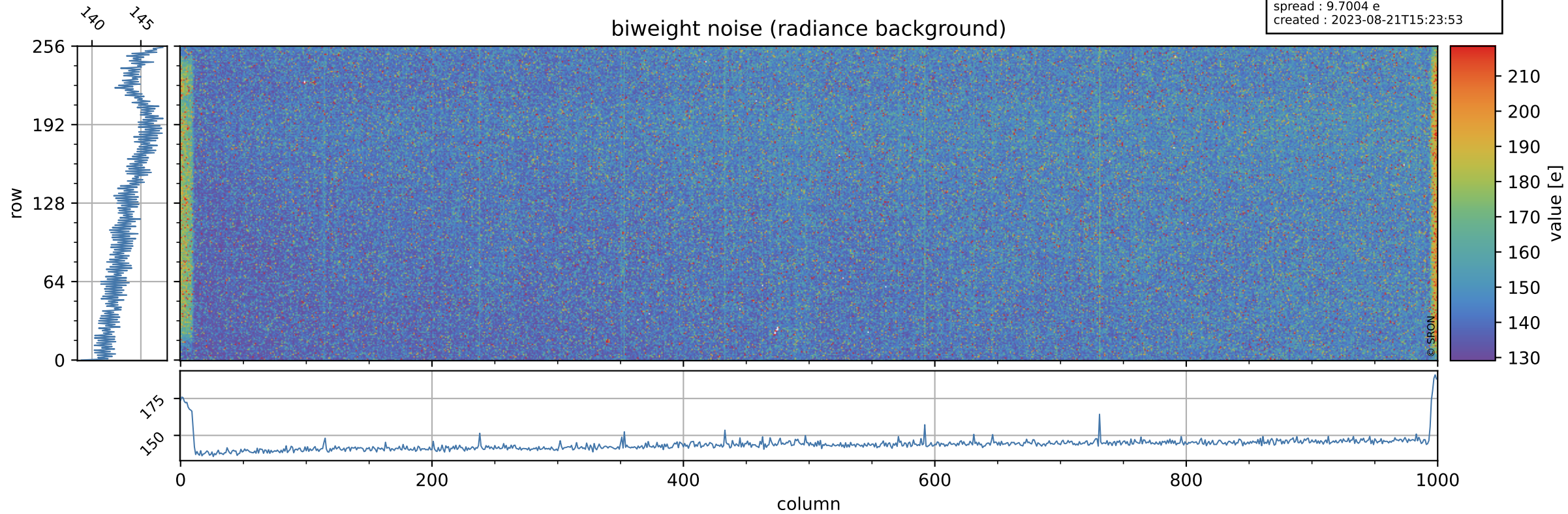
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7004 e
created : 2023-08-21T15:23:53

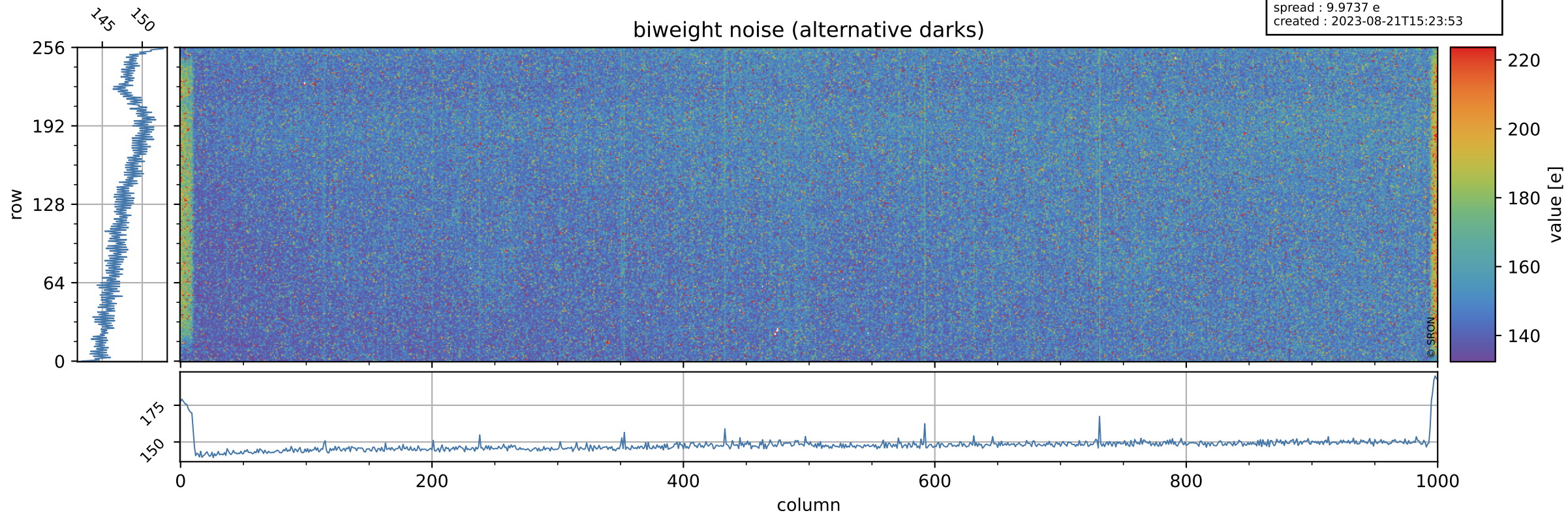
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9737 e
created : 2023-08-21T15:23:53

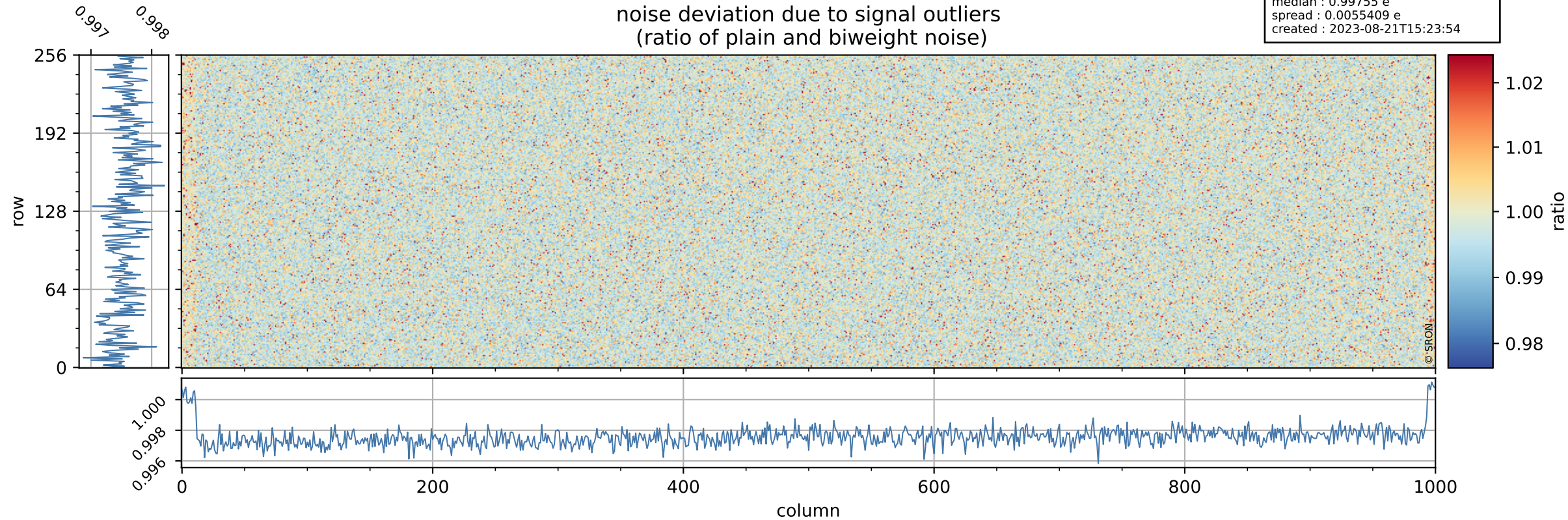
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

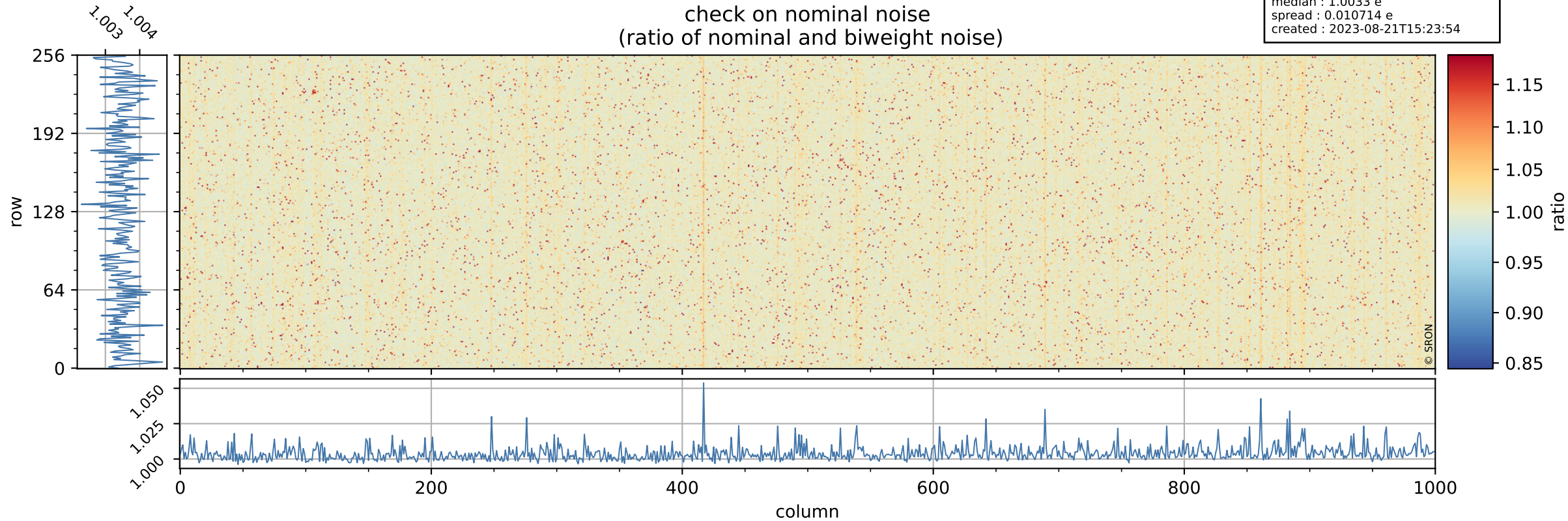
orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
median : 0.99755 e
spread : 0.0055409 e
created : 2023-08-21T15:23:54



Tropomi SWIR background noise (swir)

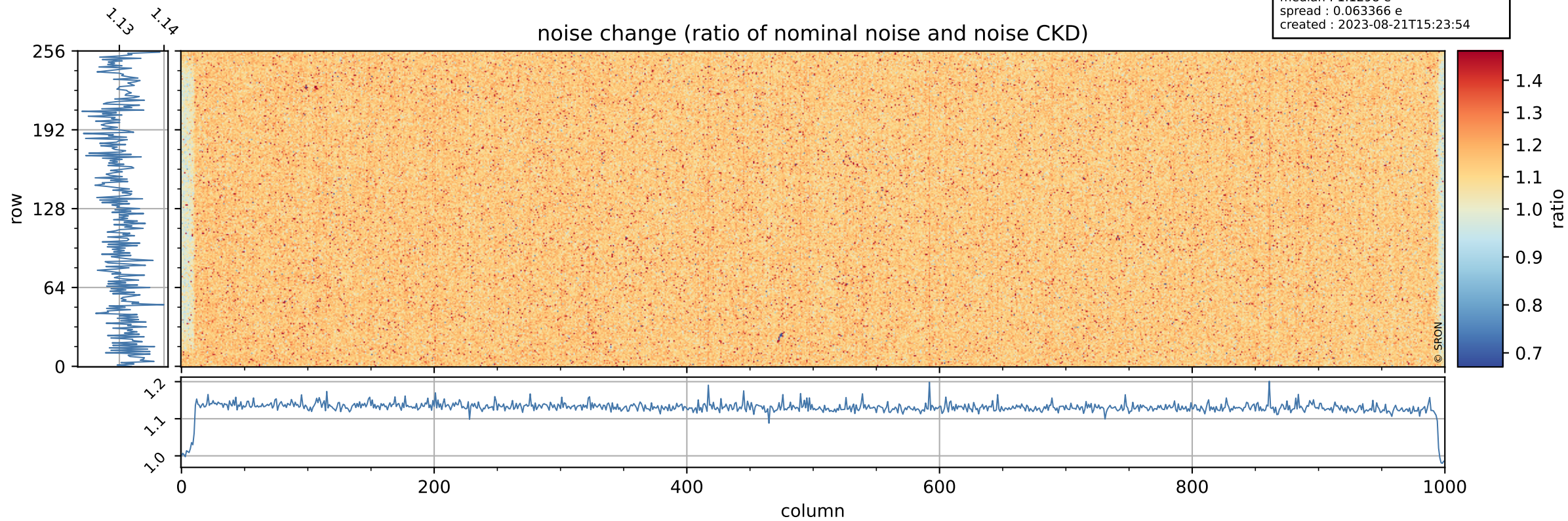
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
median : 1.0033 e
spread : 0.010714 e
created : 2023-08-21T15:23:54



Tropomi SWIR background noise (swir)

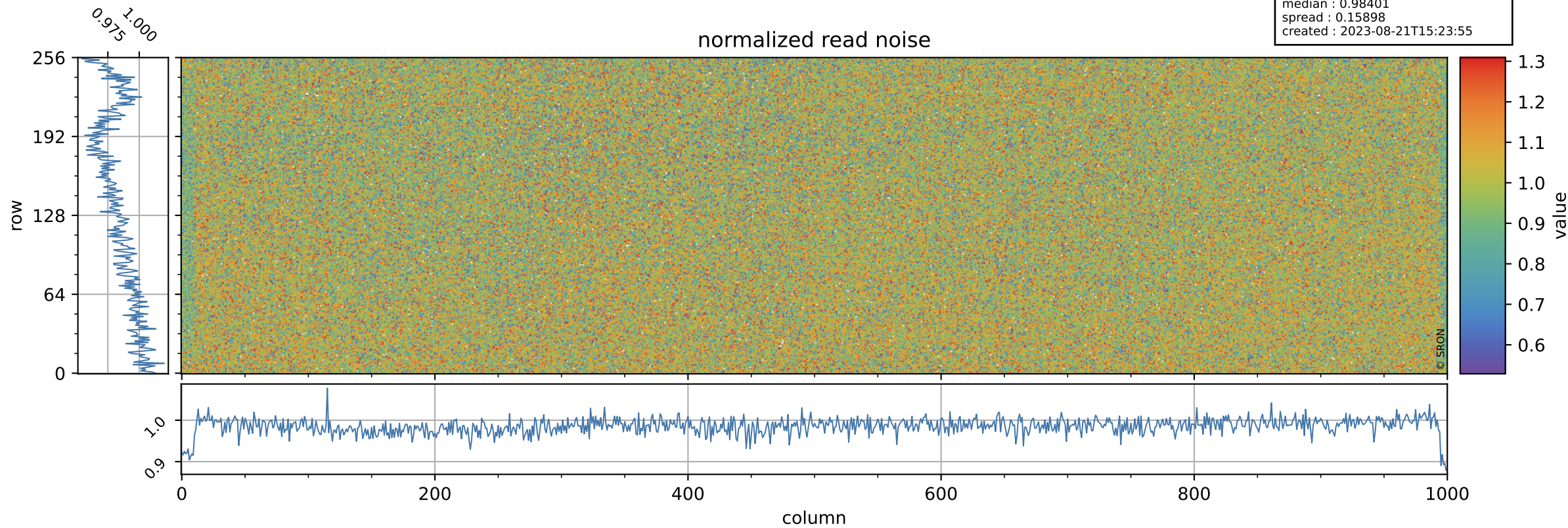
orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
median : 1.1298 e
spread : 0.063366 e
created : 2023-08-21T15:23:54



Tropomi SWIR background noise (swir)

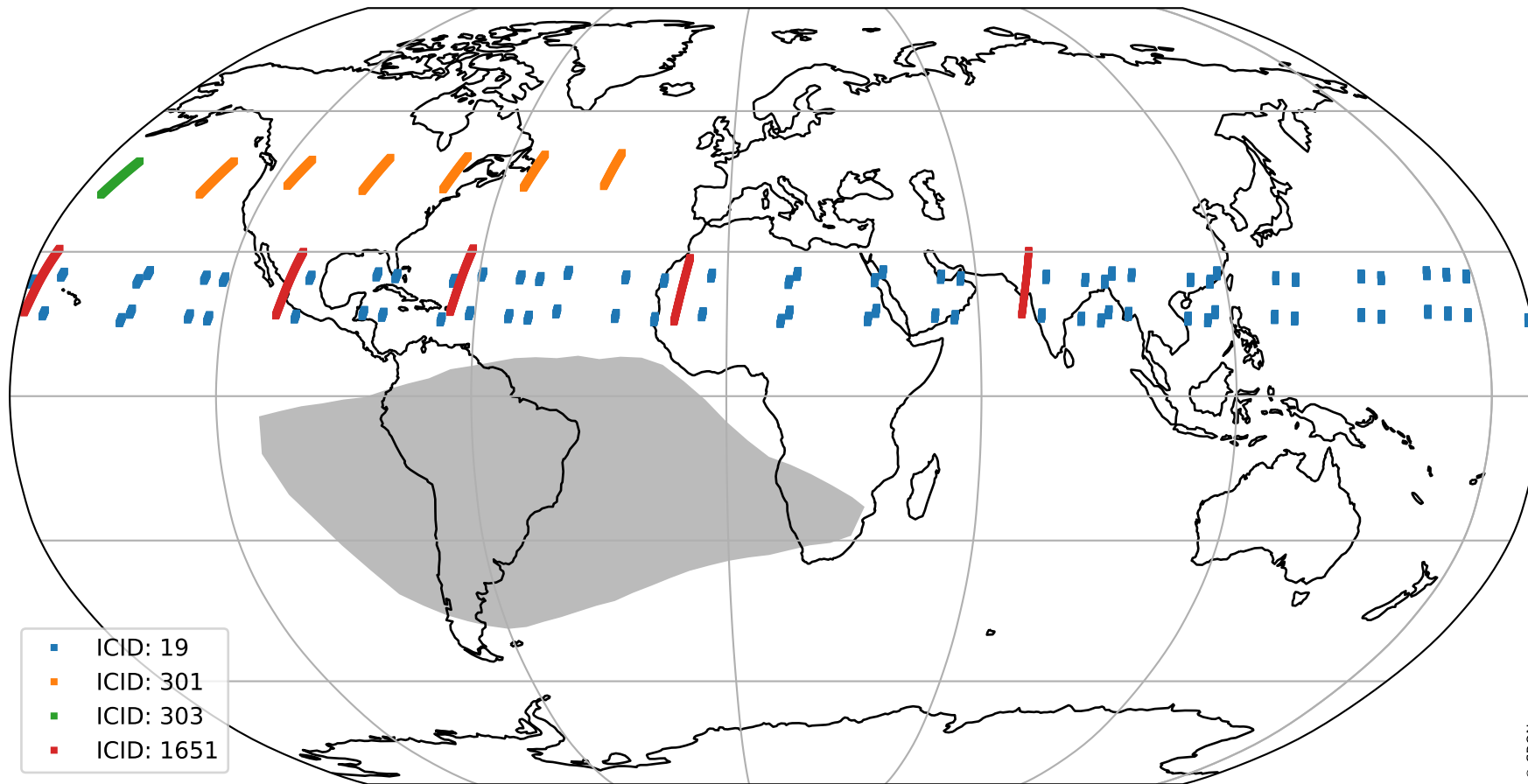
orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
median : 0.98401
spread : 0.15898
created : 2023-08-21T15:23:55

normalized read noise



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

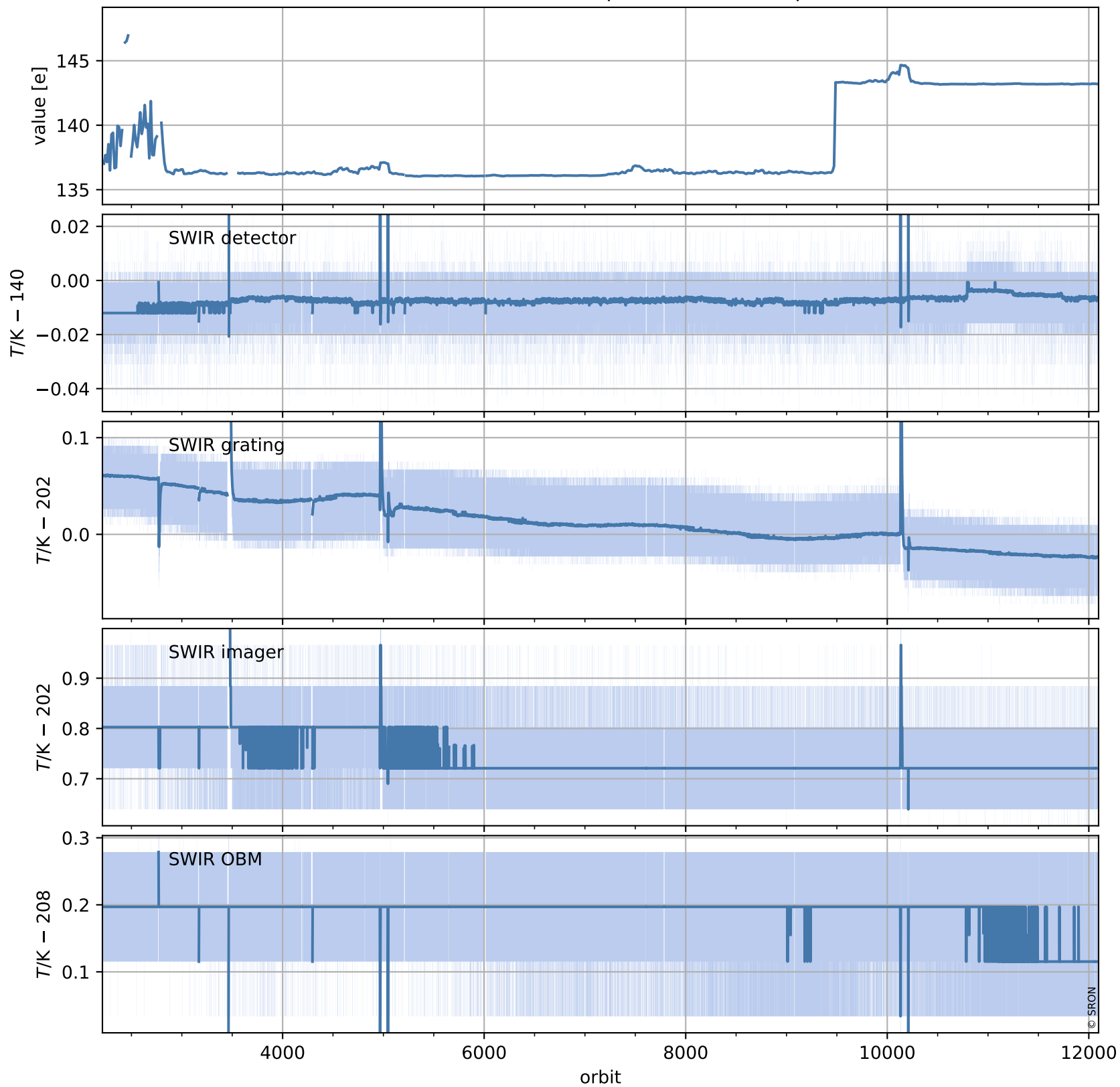
orbits : 12 in [12007, 12097]
coverage : 2020-02-07 / 2020-02-13
created : 2023-08-21T15:23:55



Tropomi SWIR background noise (swir)

orbits : [2212, 12097]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:23:55

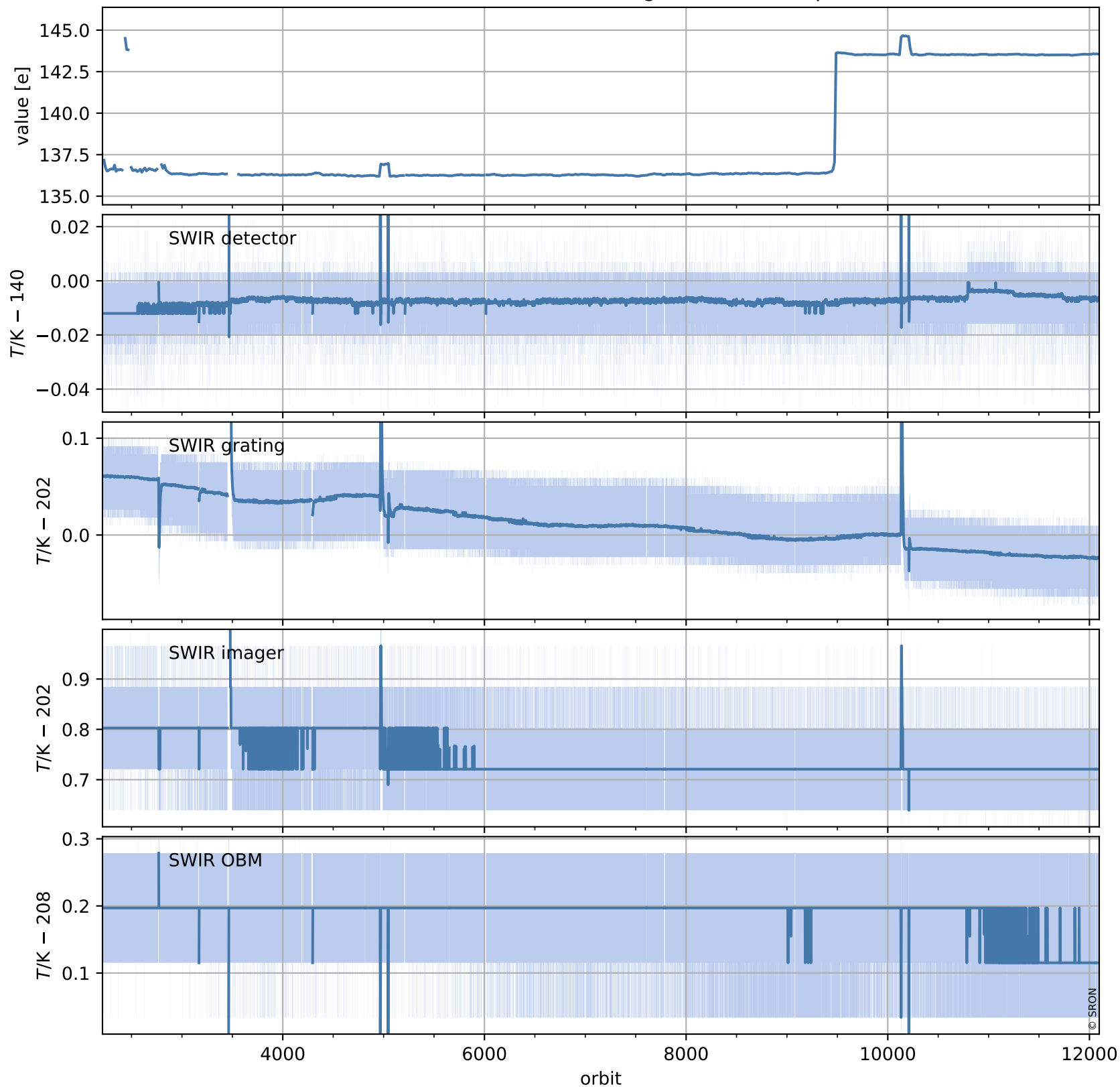
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12097]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:23:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12097]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:23:56

trend of normalized read-noise & temperatures

