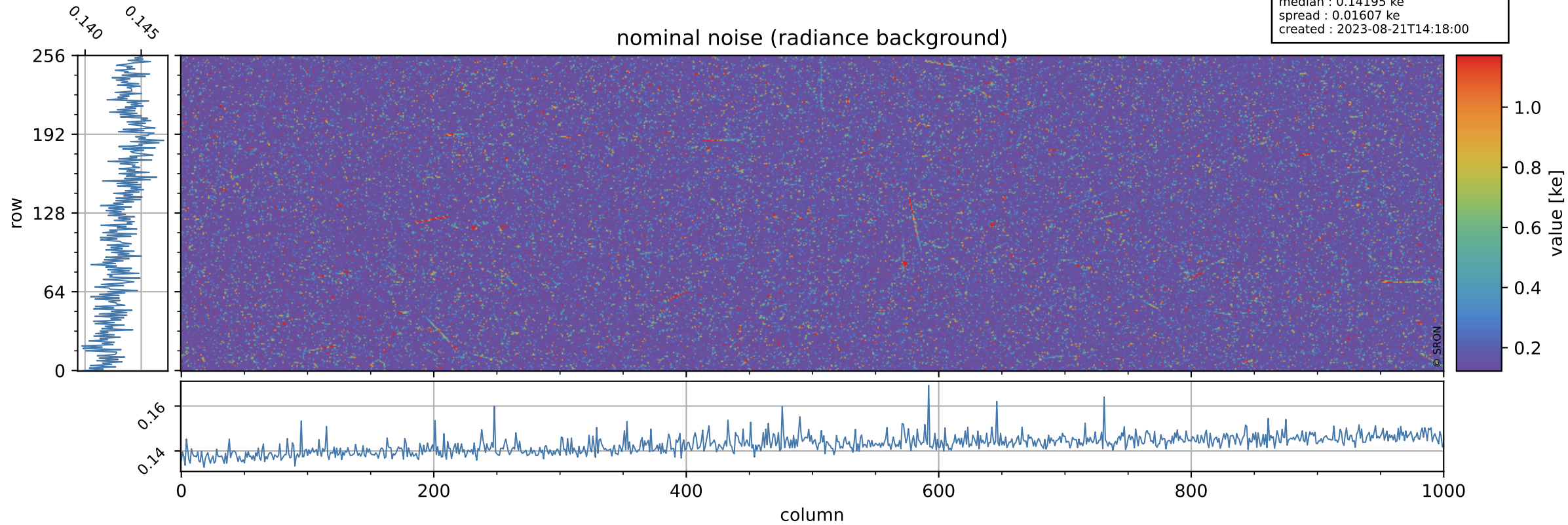


Tropomi SWIR background noise (swir)

orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
n_coad, t_exp : 2, 0.5383
median : 0.14195 ke
spread : 0.01607 ke
created : 2023-08-21T14:18:00

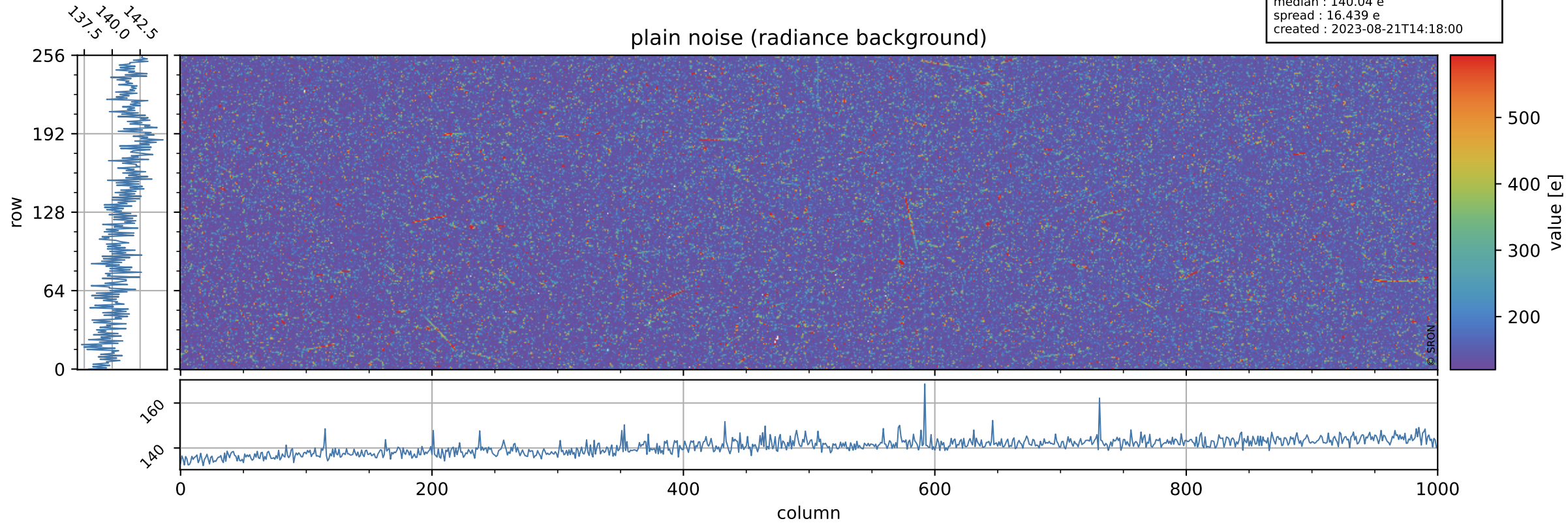
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

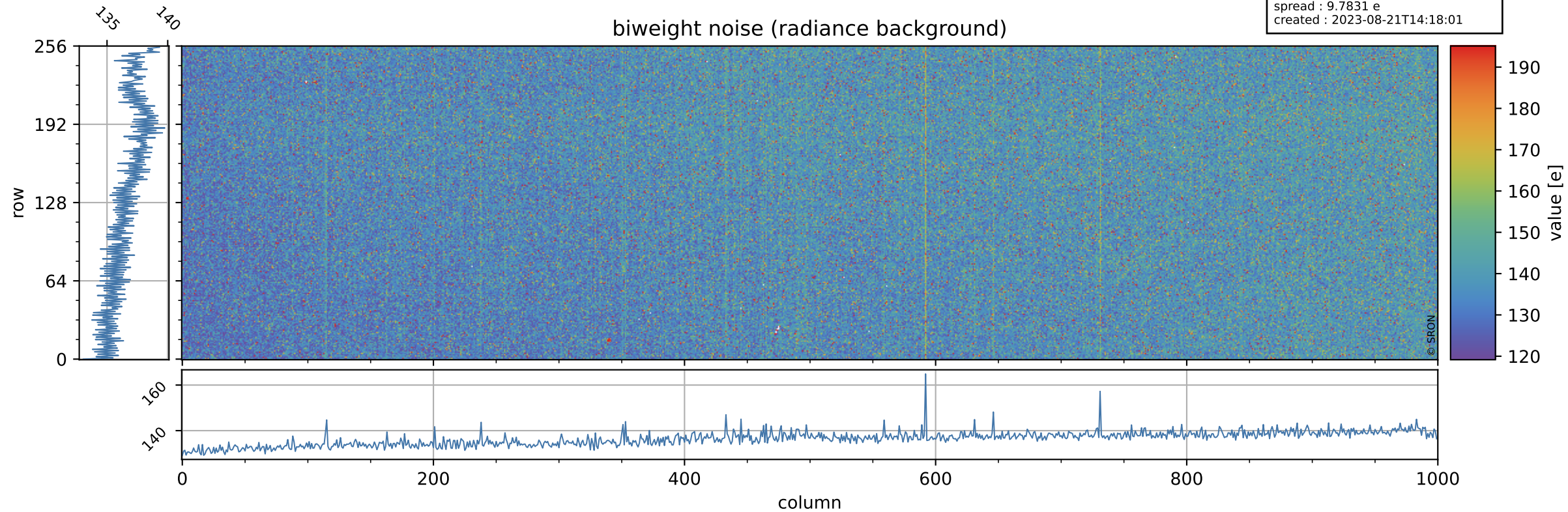
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
n_coad, t_exp : 2, 0.5383
median : 140.04 e
spread : 16.439 e
created : 2023-08-21T14:18:00

plain noise (radiance background)



Tropomi SWIR background noise (swir)

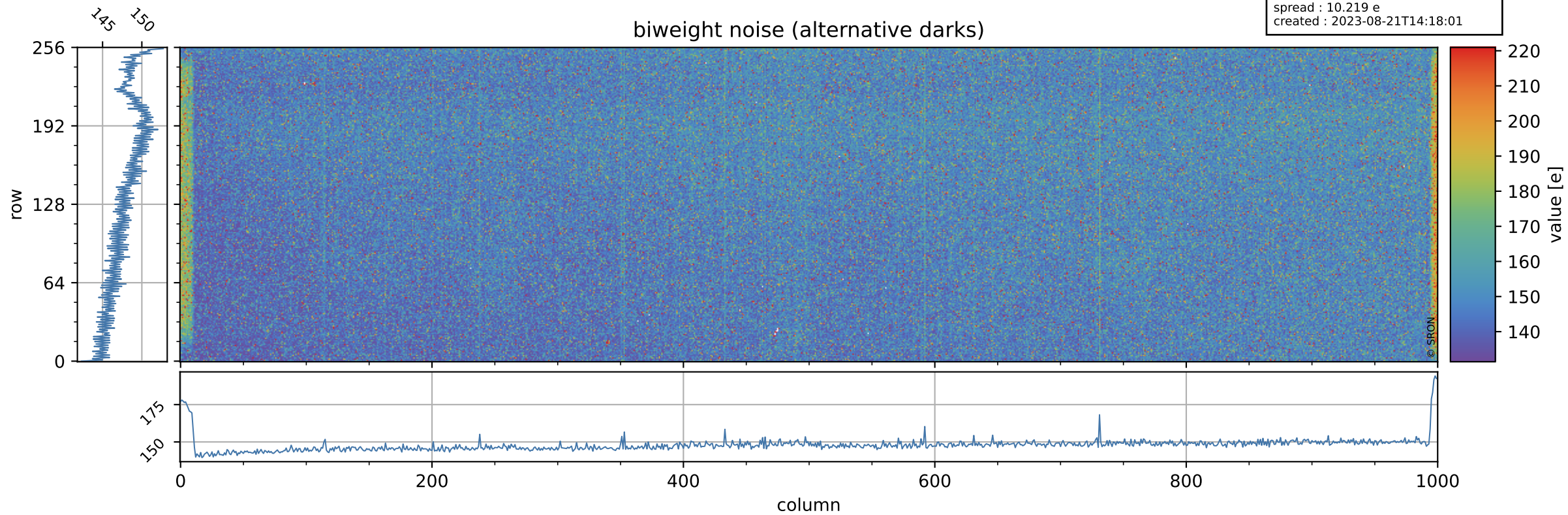
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
n_coad, t_exp : 2, 0.5383
median : 136.49 e
spread : 9.7831 e
created : 2023-08-21T14:18:01



Tropomi SWIR background noise (swir)

orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.219 e
created : 2023-08-21T14:18:01

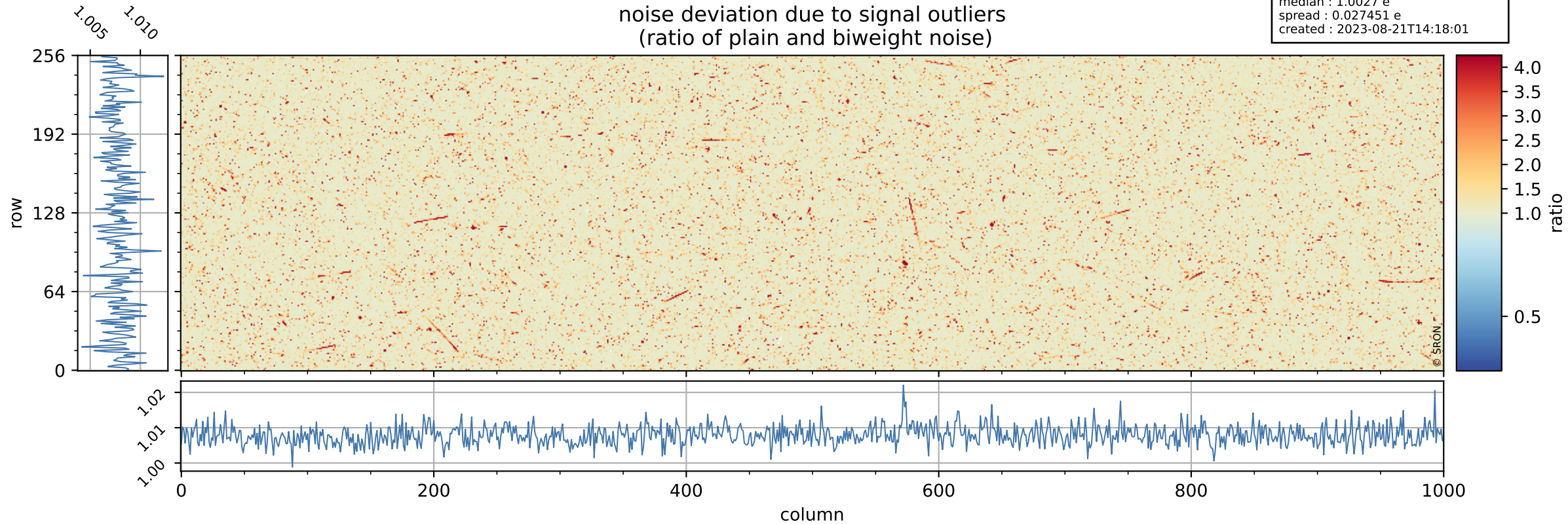
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

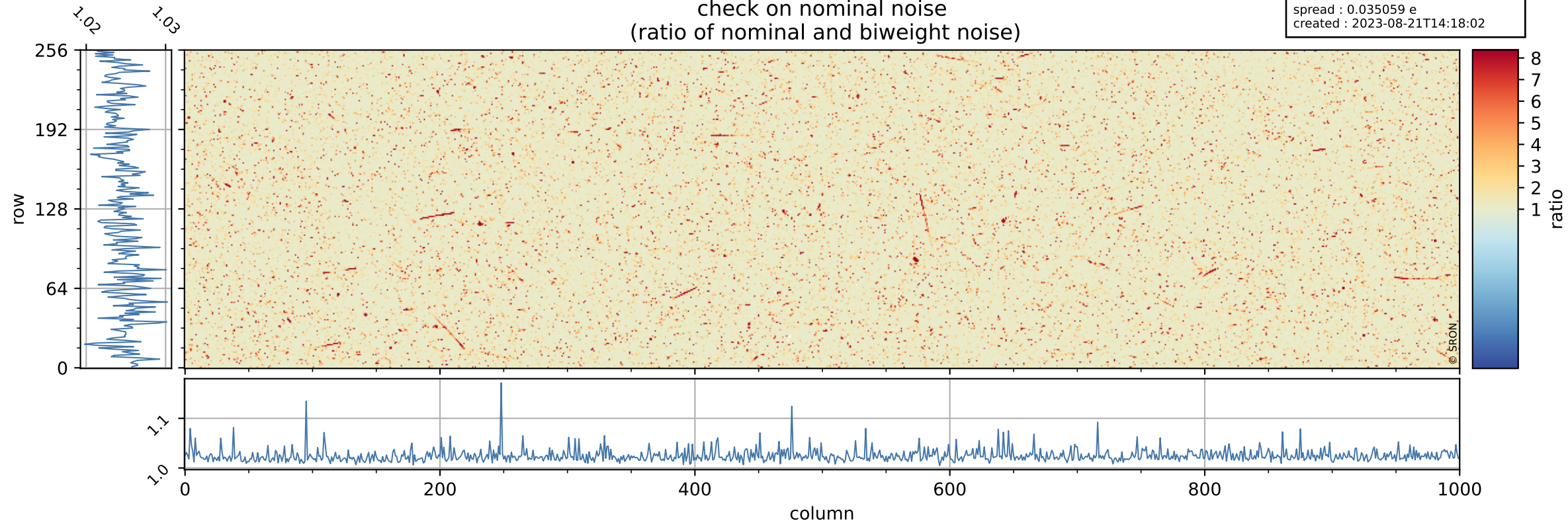
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
median : 1.0027 e
spread : 0.027451 e
created : 2023-08-21T14:18:01



Tropomi SWIR background noise (swir)

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

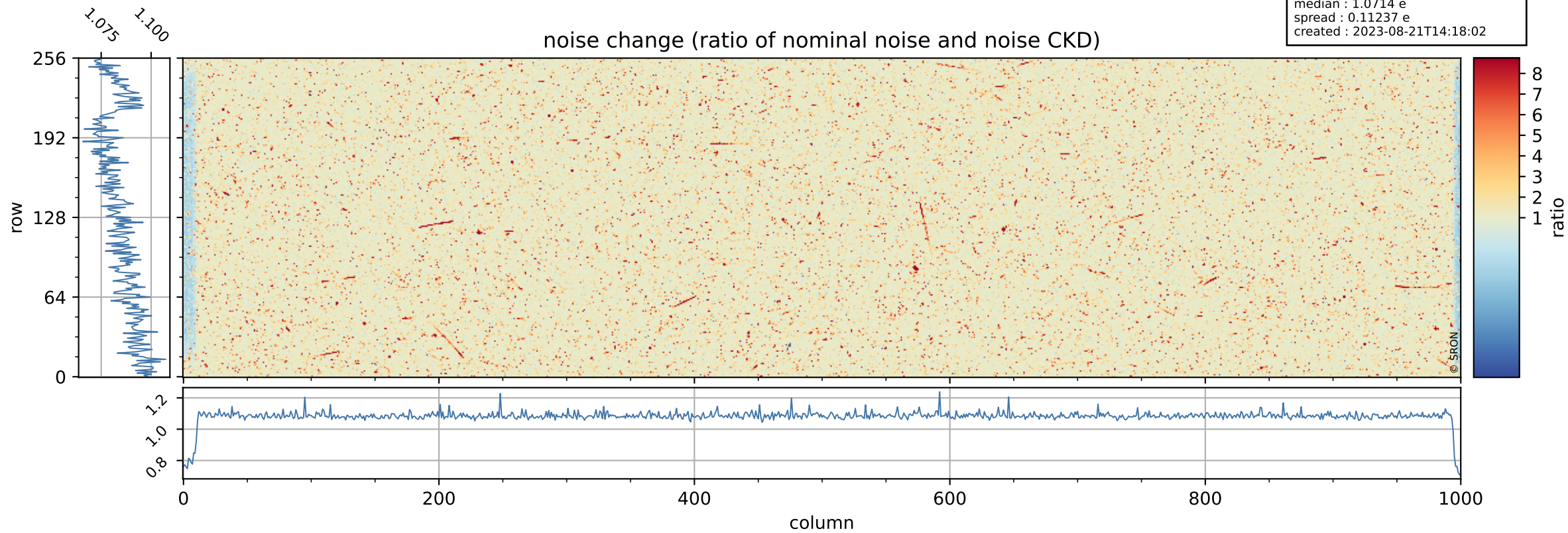
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
median : 1.0193 e
spread : 0.035059 e
created : 2023-08-21T14:18:02



Tropomi SWIR background noise (swir)

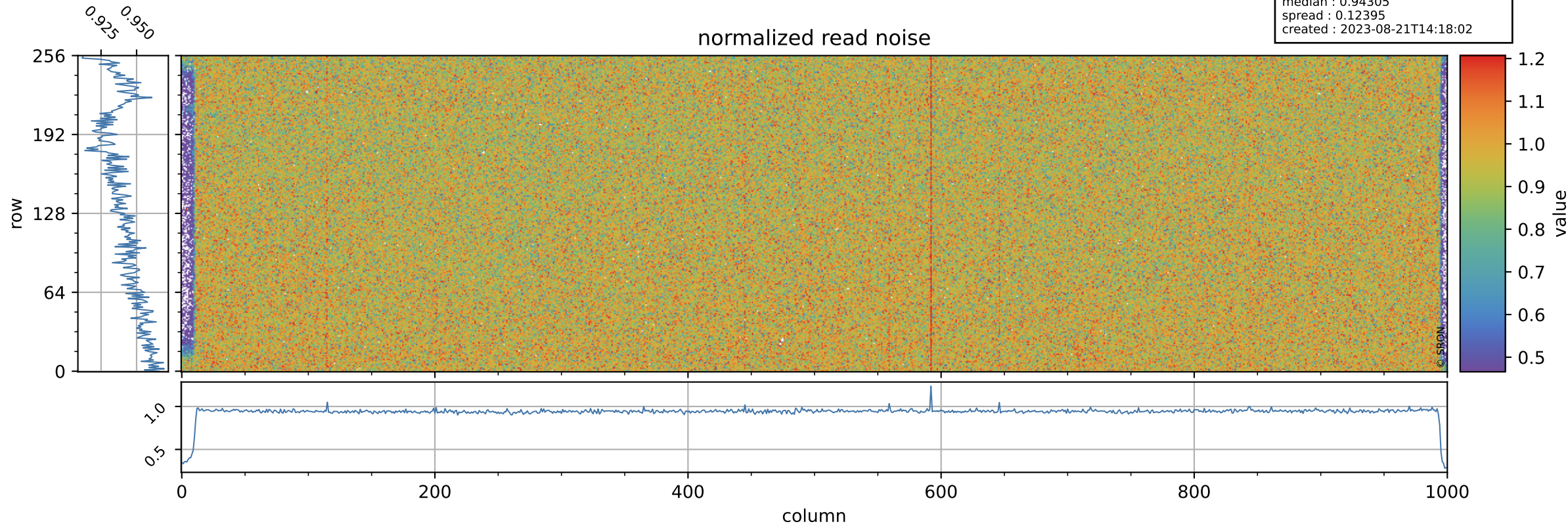
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
median : 1.0714 e
spread : 0.11237 e
created : 2023-08-21T14:18:02

noise change (ratio of nominal noise and noise CKD)



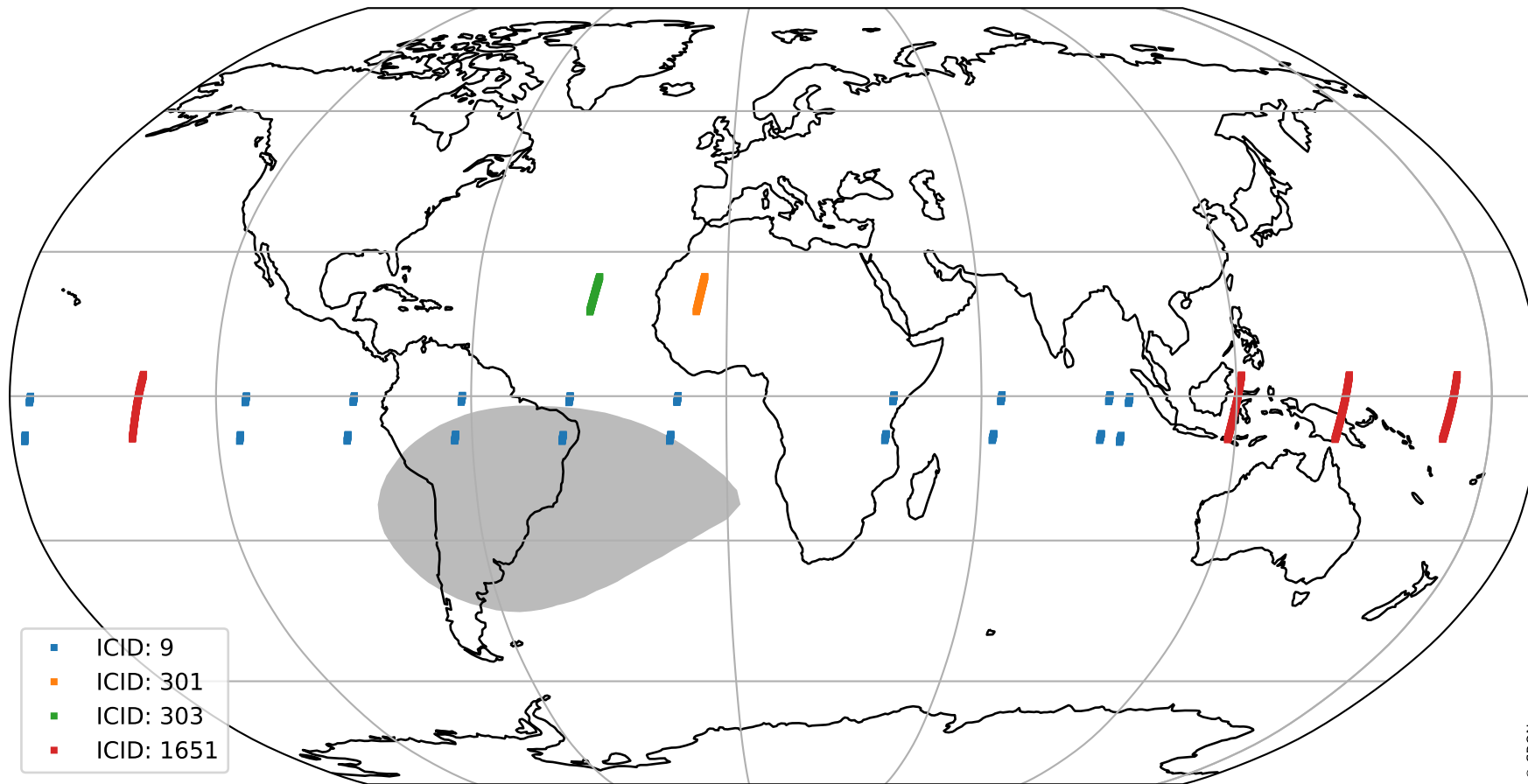
Tropomi SWIR background noise (swir)

orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
median : 0.94305
spread : 0.12395
created : 2023-08-21T14:18:02



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

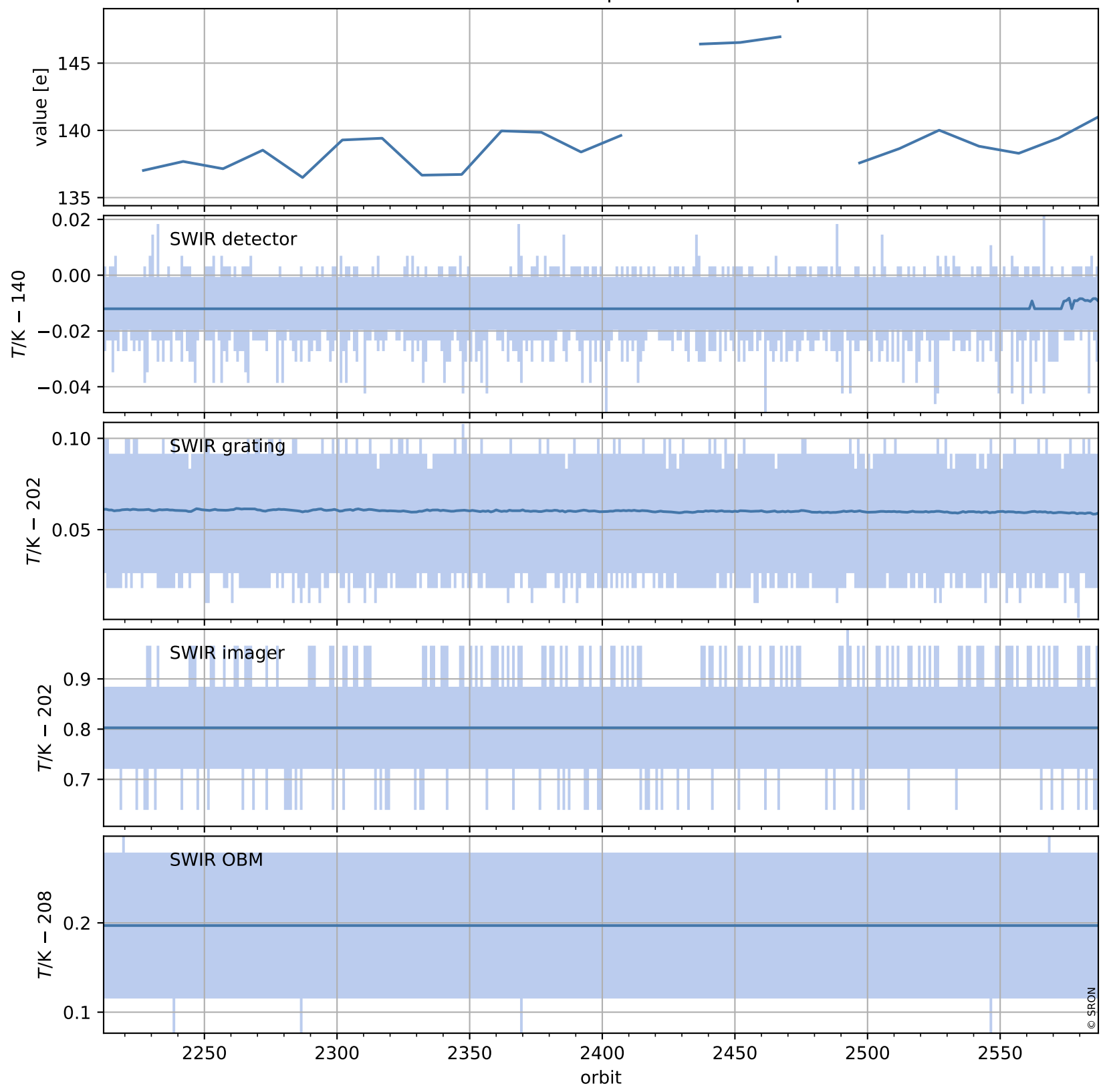
orbits : 10 in [2572, 2587]
coverage : 2018-04-12 / 2018-04-13
created : 2023-08-21T14:18:02



Tropomi SWIR background noise (swir)

orbits : [2212, 2587]
coverage : 2018-03-18 / 2018-04-13
created : 2023-08-21T14:18:03

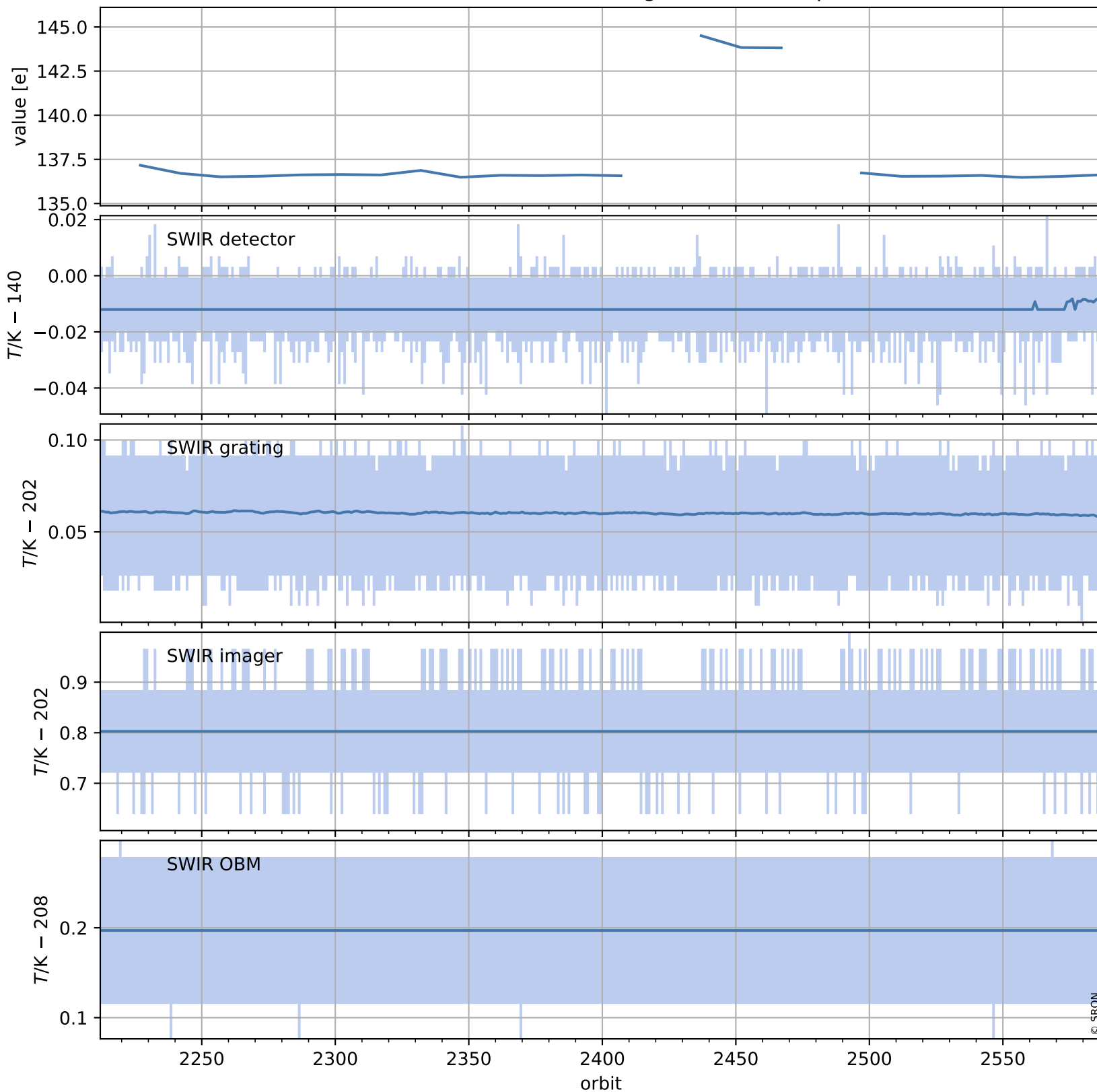
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2587]
coverage : 2018-03-18 / 2018-04-13
created : 2023-08-21T14:18:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2587]
coverage : 2018-03-18 / 2018-04-13
created : 2023-08-21T14:18:04

trend of normalized read-noise & temperatures

