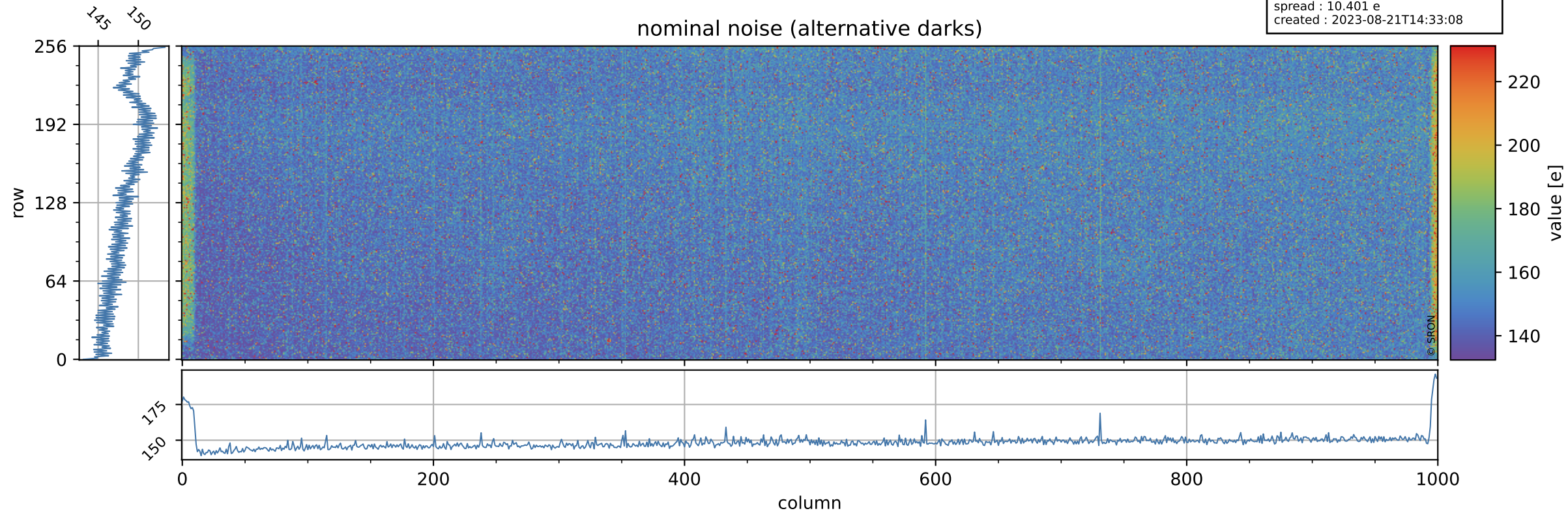


Tropomi SWIR background noise (swir)

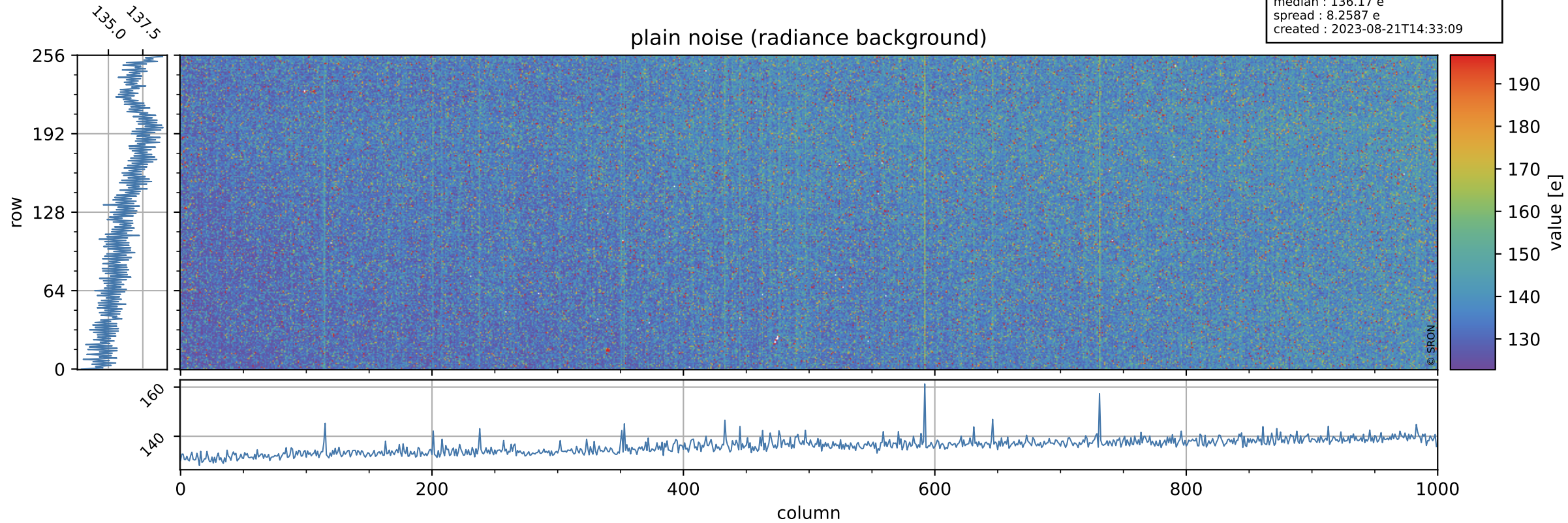
orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.401 e
created : 2023-08-21T14:33:08



Tropomi SWIR background noise (swir)

orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2587 e
created : 2023-08-21T14:33:09

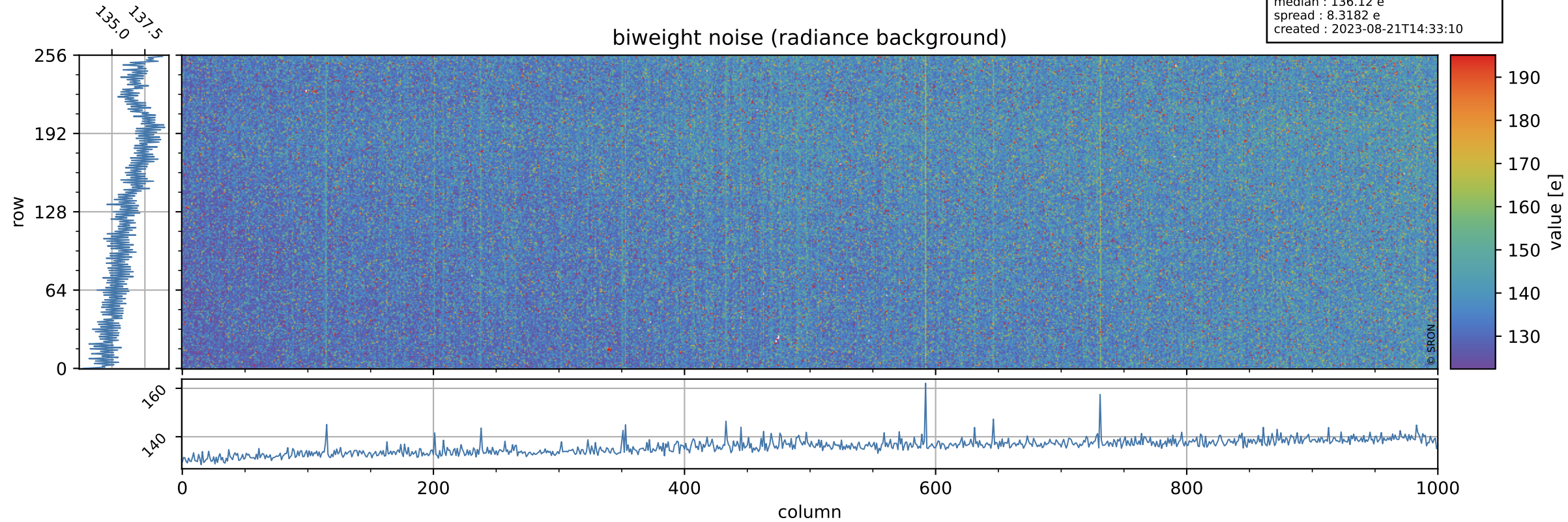
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.3182 e
created : 2023-08-21T14:33:10

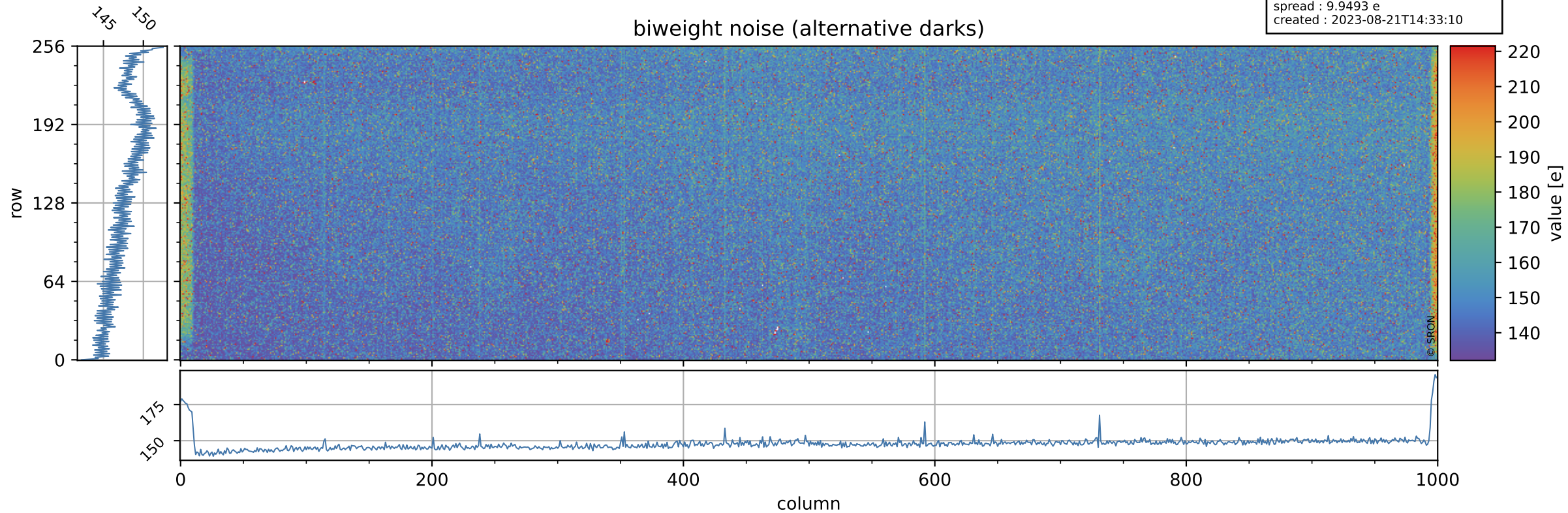
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9493 e
created : 2023-08-21T14:33:10

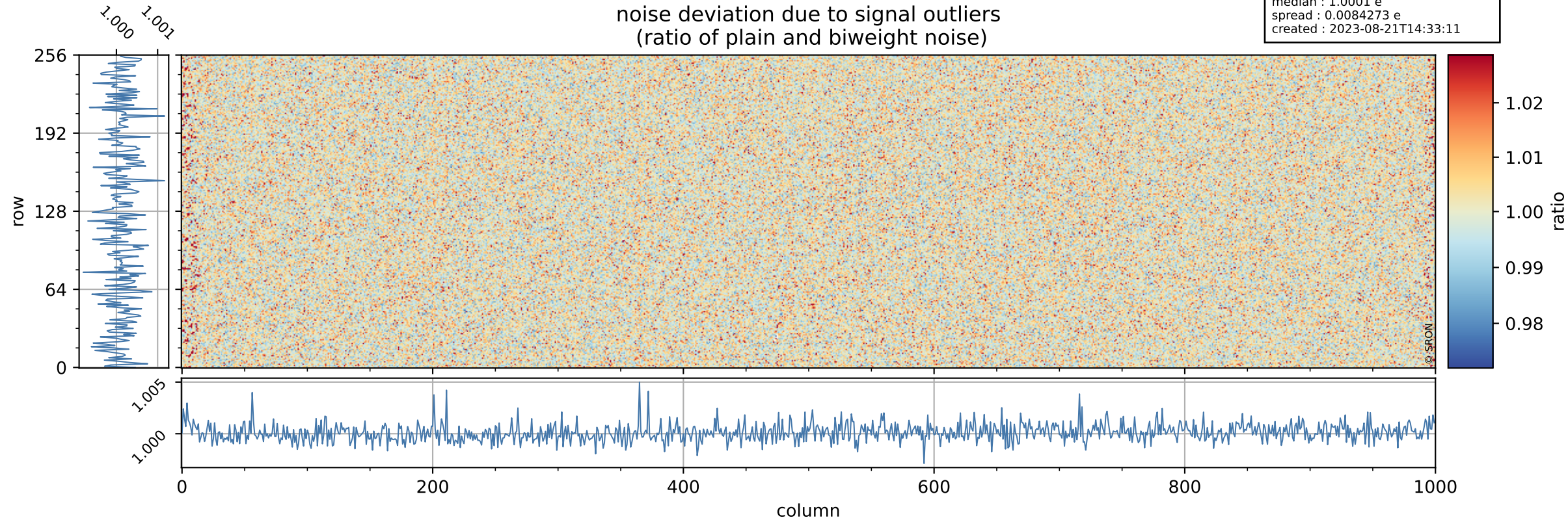
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

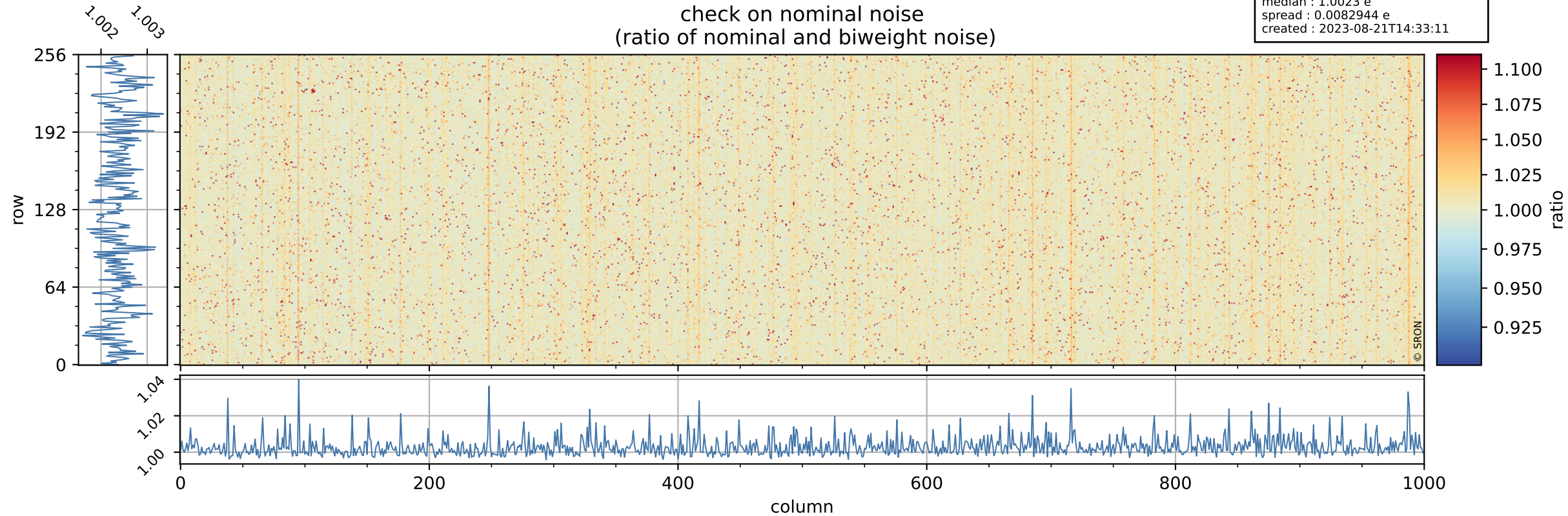
orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
median : 1.0001 e
spread : 0.0084273 e
created : 2023-08-21T14:33:11



Tropomi SWIR background noise (swir)

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

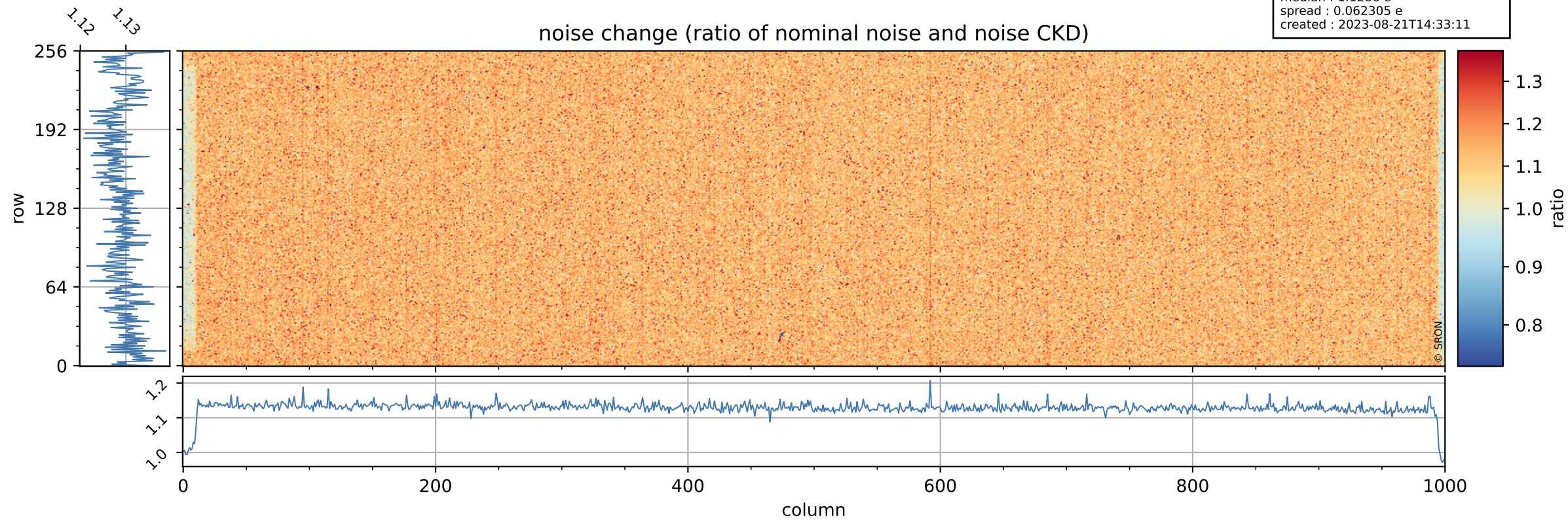
orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
median : 1.0023 e
spread : 0.0082944 e
created : 2023-08-21T14:33:11



Tropomi SWIR background noise (swir)

orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
median : 1.1286 e
spread : 0.062305 e
created : 2023-08-21T14:33:11

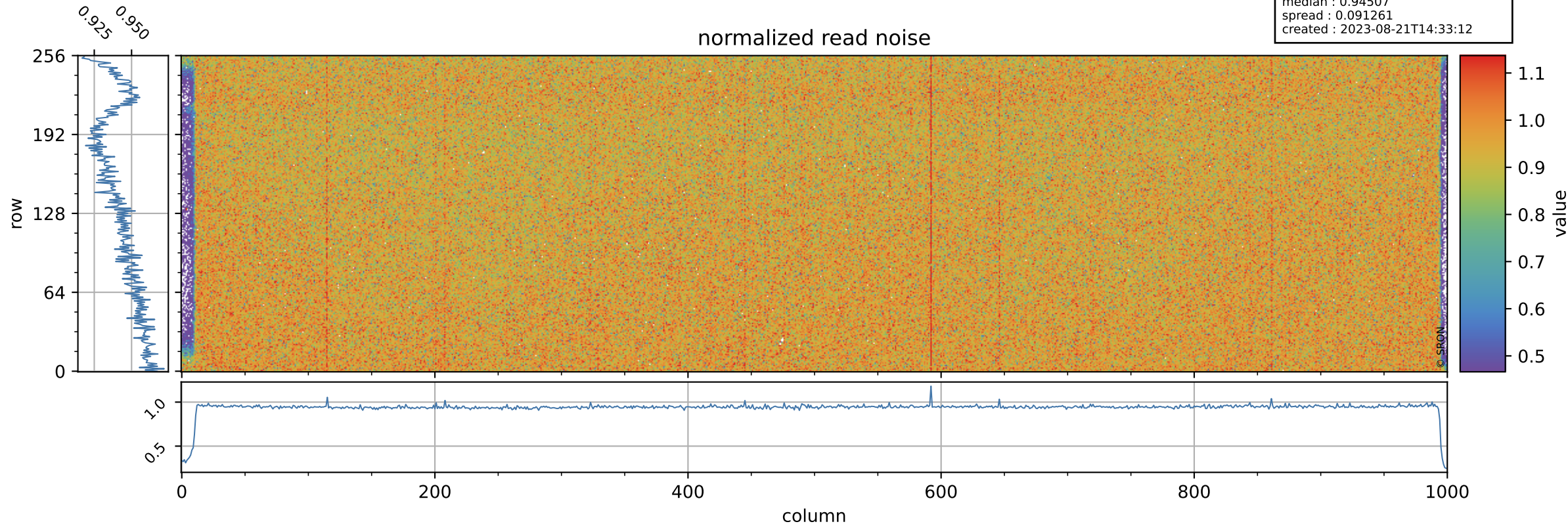
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

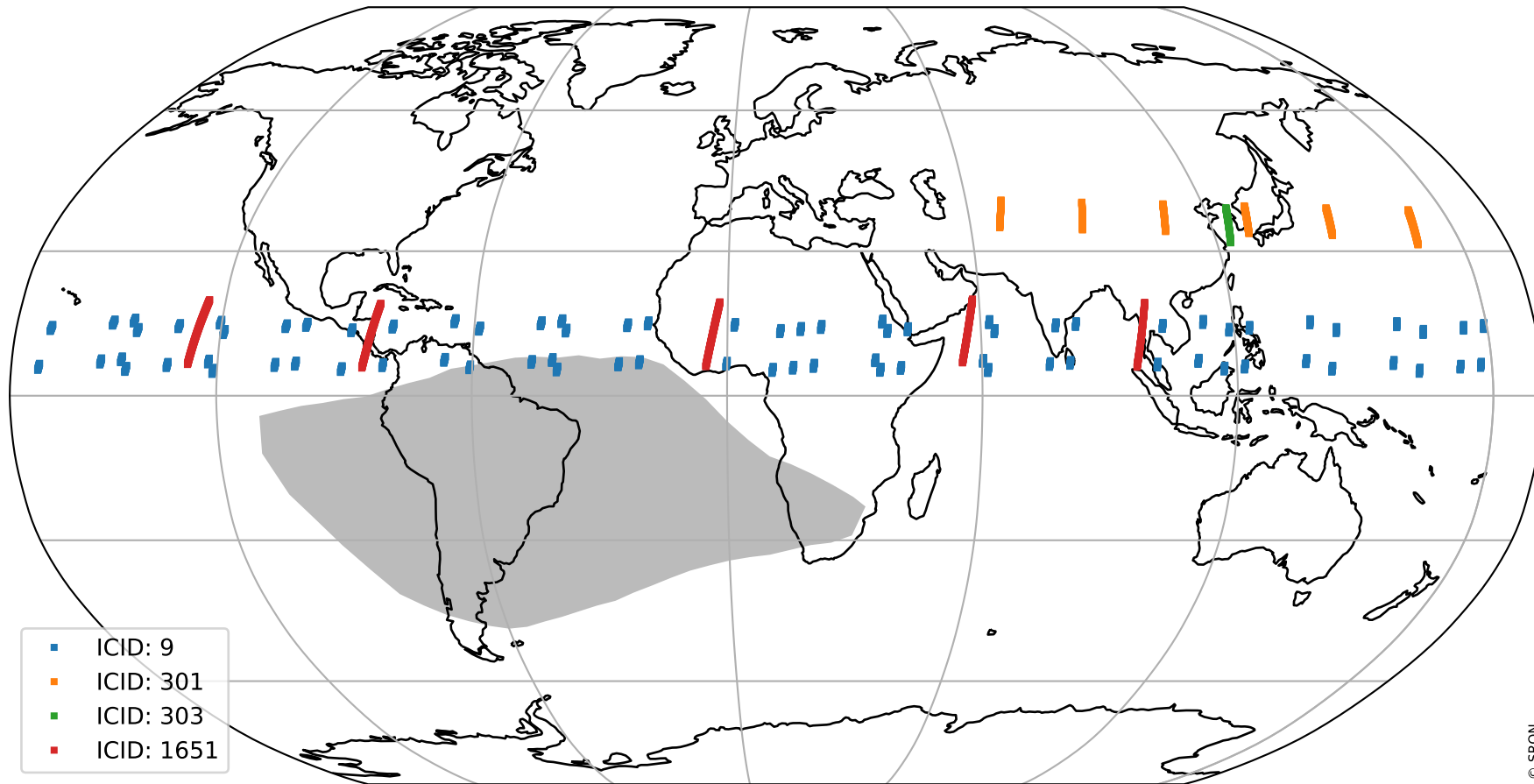
orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
median : 0.94507
spread : 0.091261
created : 2023-08-21T14:33:12

normalized read noise



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

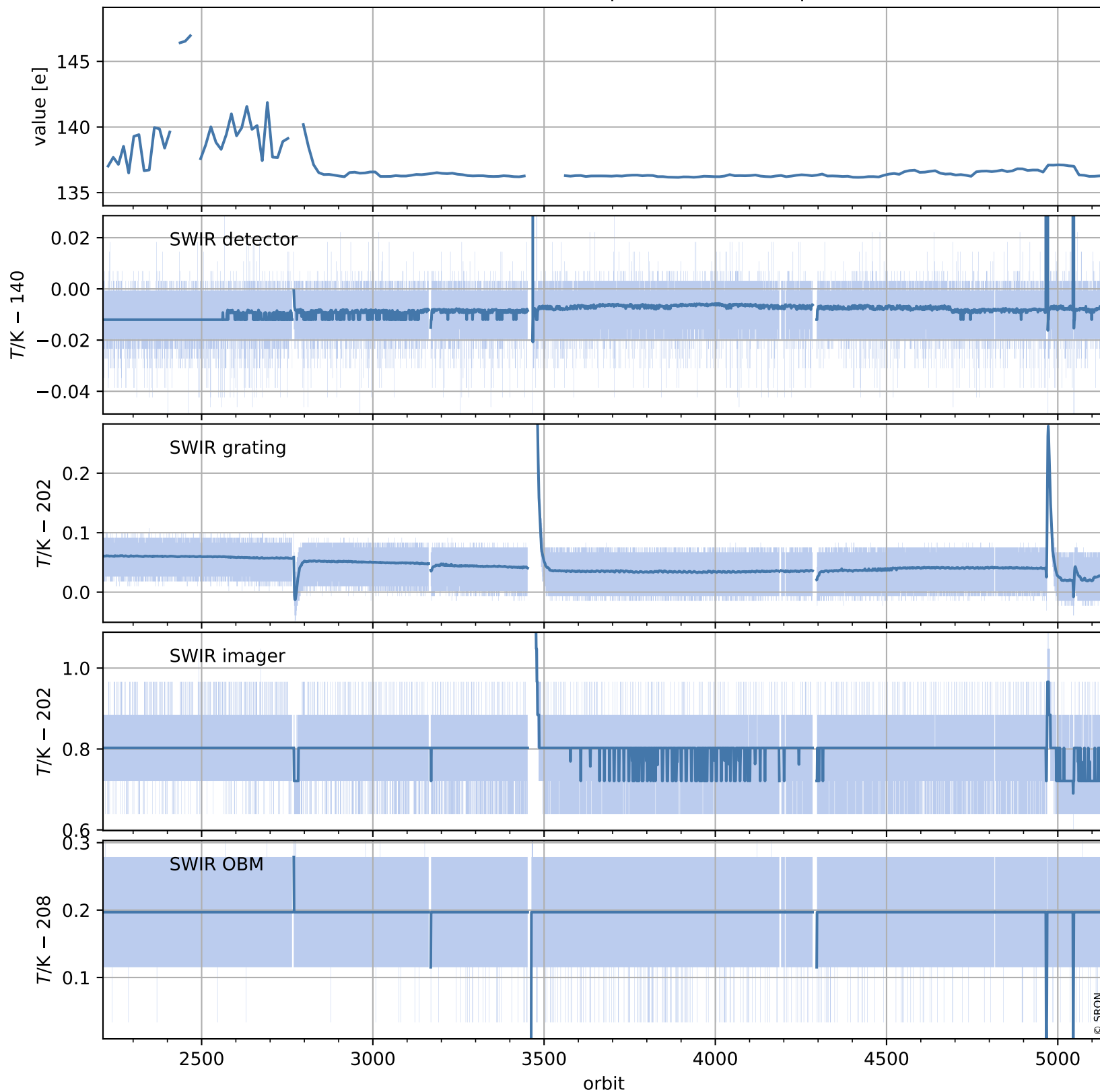
orbits : 12 in [5062, 5137]
coverage : 2018-10-04 / 2018-10-09
created : 2023-08-21T14:33:12



Tropomi SWIR background noise (swir)

orbits : [2212, 5137]
coverage : 2018-03-18 / 2018-10-09
created : 2023-08-21T14:33:12

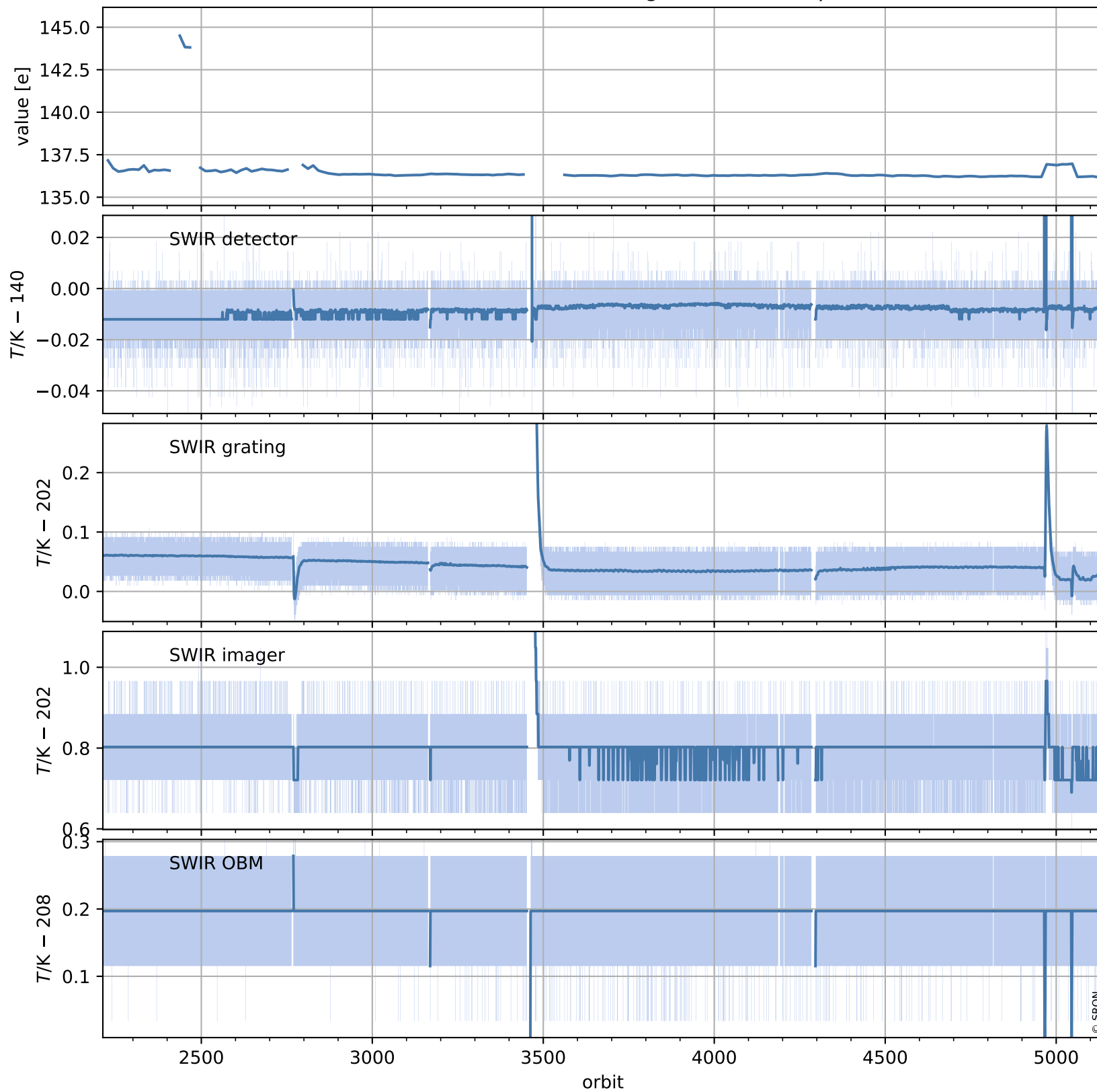
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5137]
coverage : 2018-03-18 / 2018-10-09
created : 2023-08-21T14:33:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5137]
coverage : 2018-03-18 / 2018-10-09
created : 2023-08-21T14:33:14

trend of normalized read-noise & temperatures

