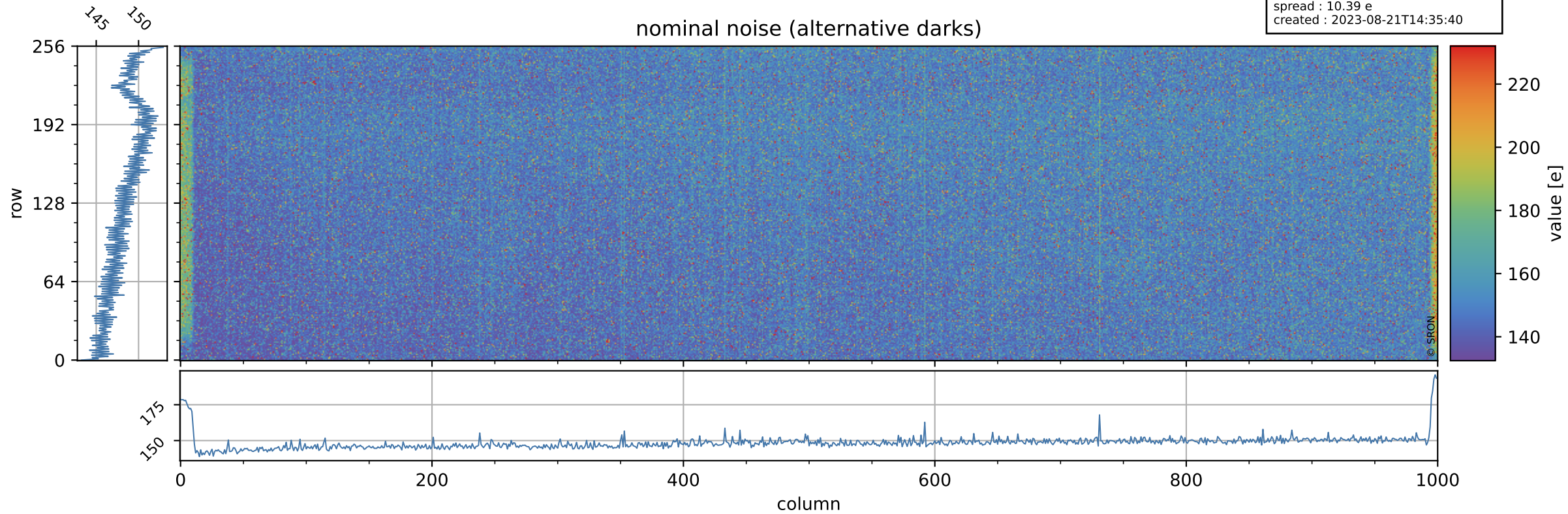


Tropomi SWIR background noise (swir)

orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.39 e
created : 2023-08-21T14:35:40

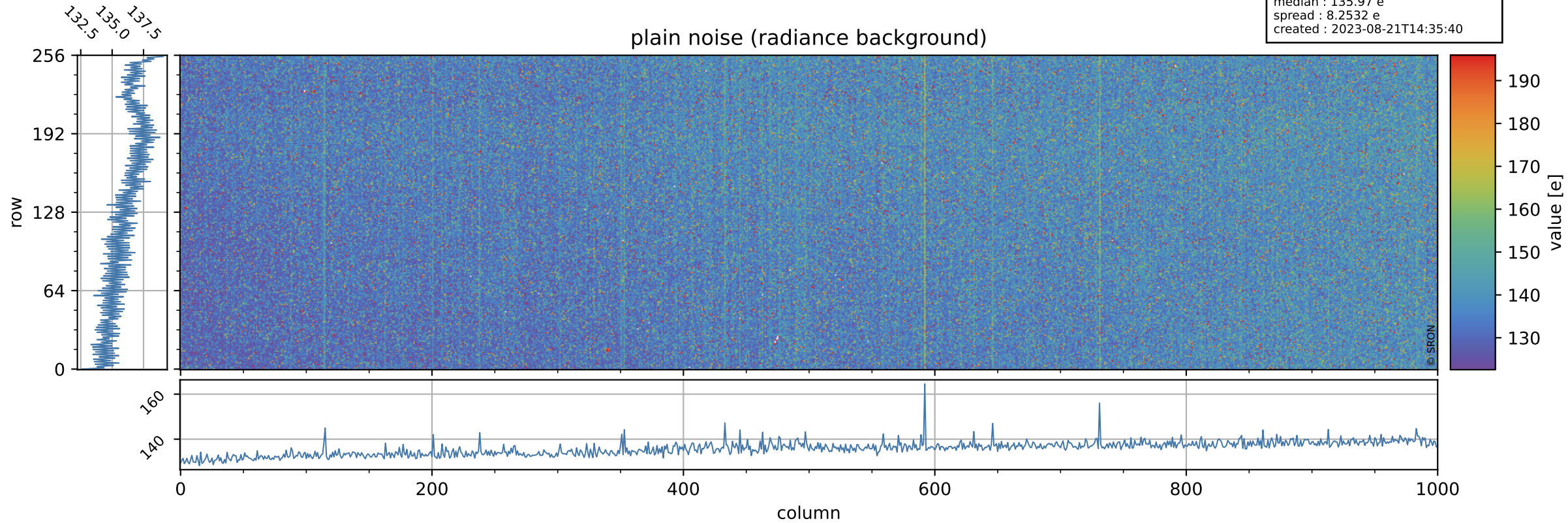
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2532 e
created : 2023-08-21T14:35:40

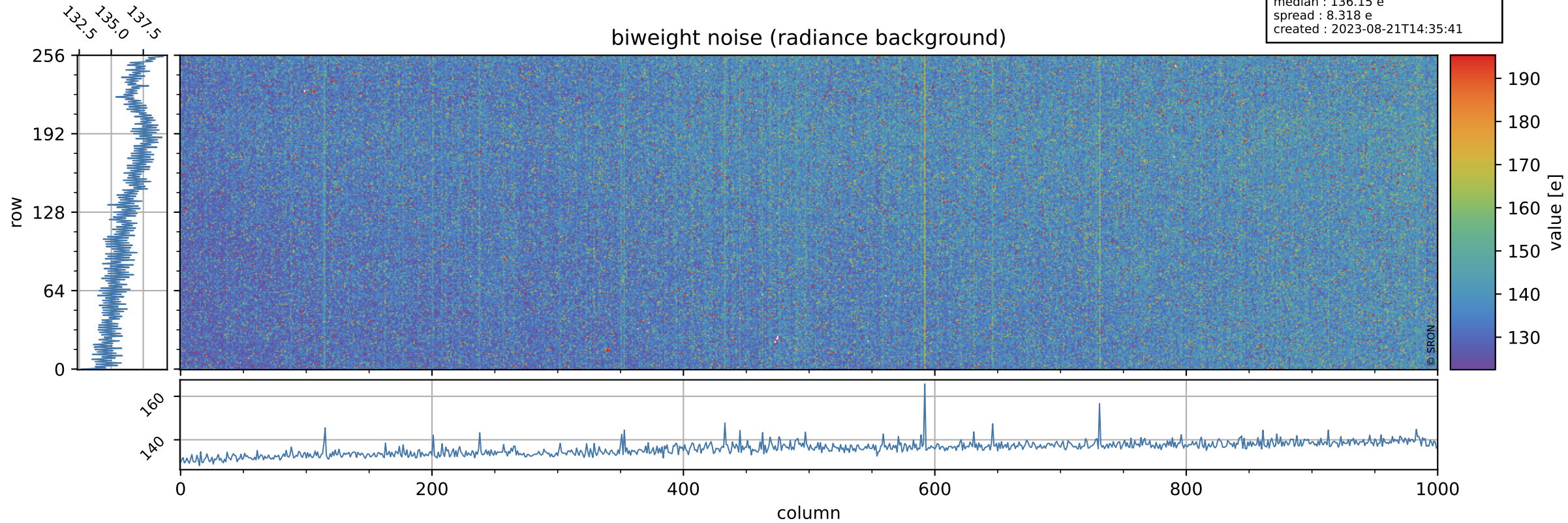
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.318 e
created : 2023-08-21T14:35:41

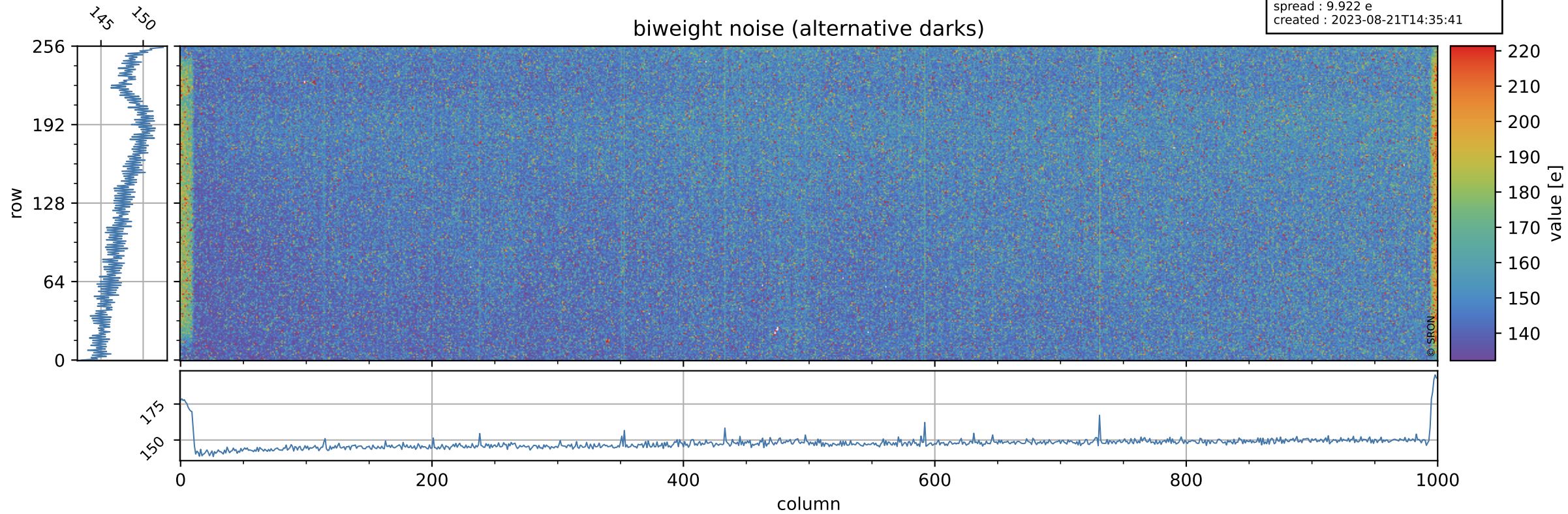
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.922 e
created : 2023-08-21T14:35:41

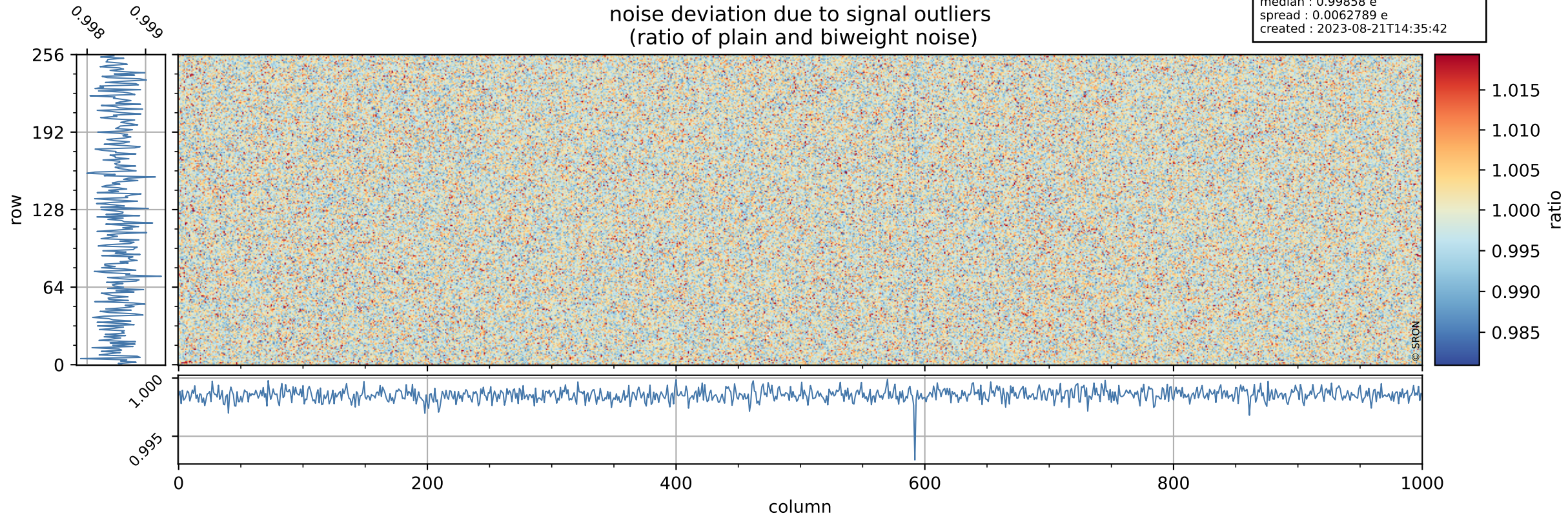
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

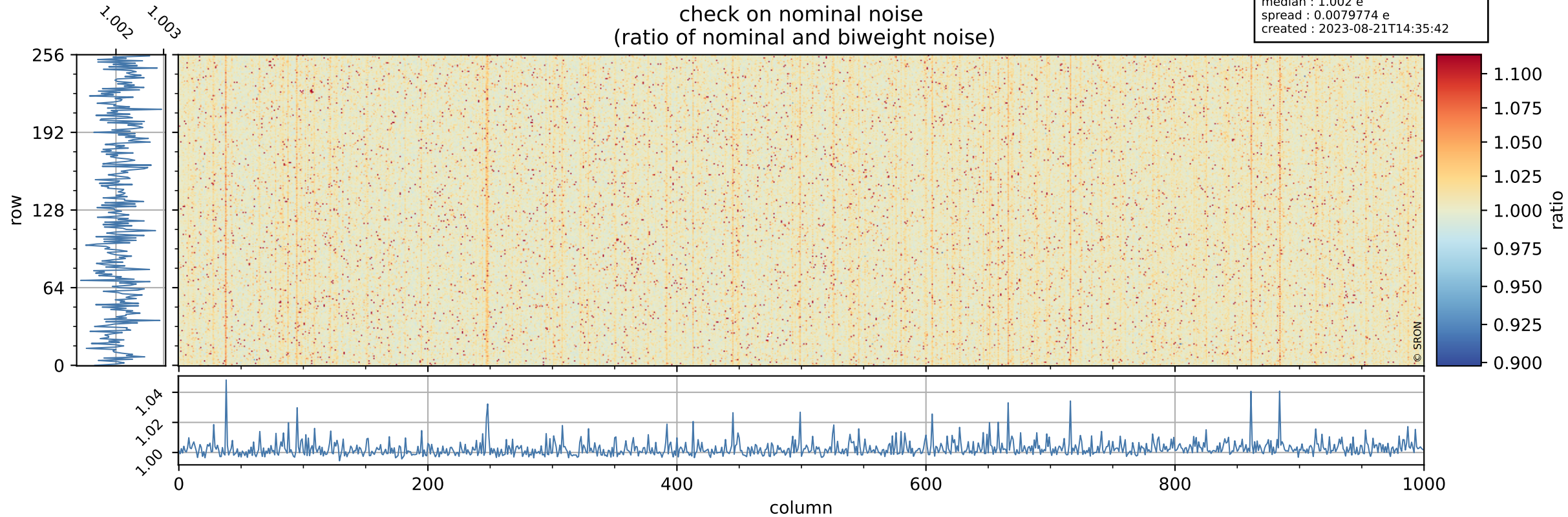
orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
median : 0.99858 e
spread : 0.0062789 e
created : 2023-08-21T14:35:42



Tropomi SWIR background noise (swir)

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

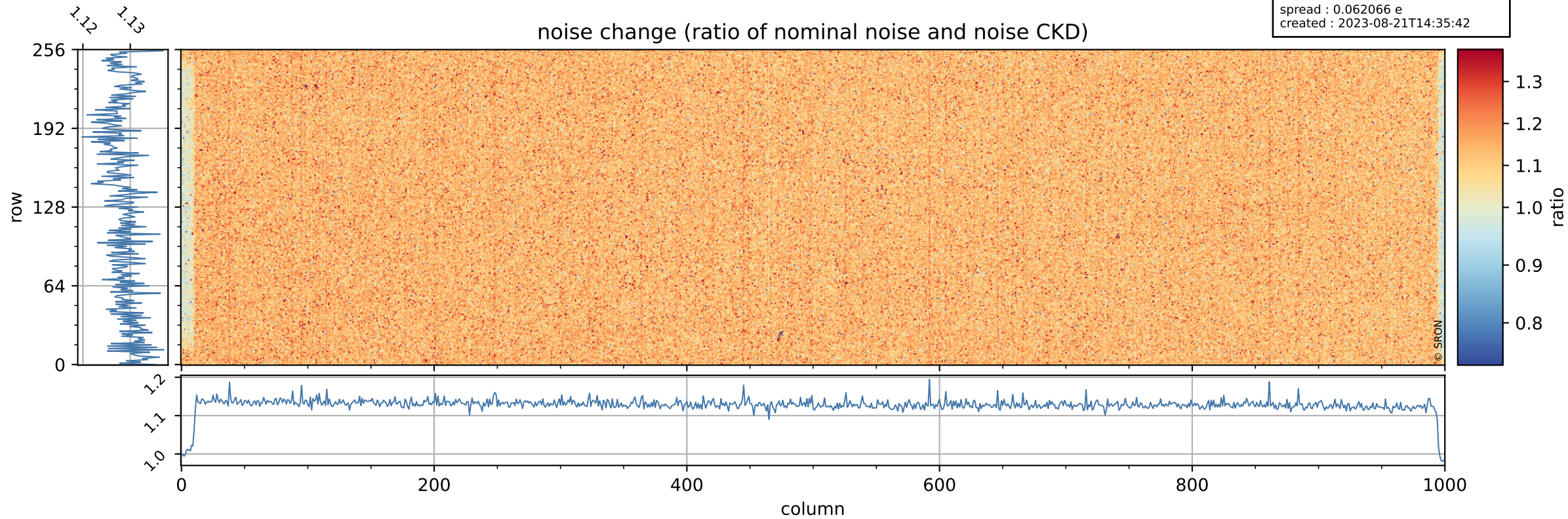
orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
median : 1.002 e
spread : 0.0079774 e
created : 2023-08-21T14:35:42



Tropomi SWIR background noise (swir)

orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
median : 1.1283 e
spread : 0.062066 e
created : 2023-08-21T14:35:42

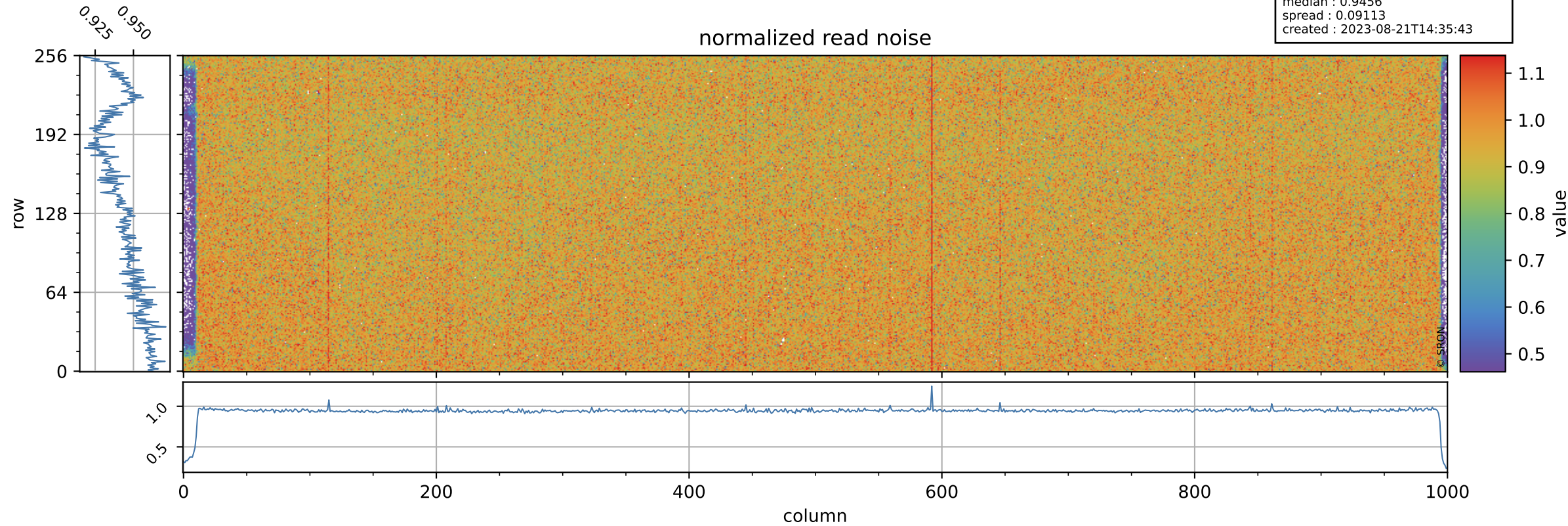
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

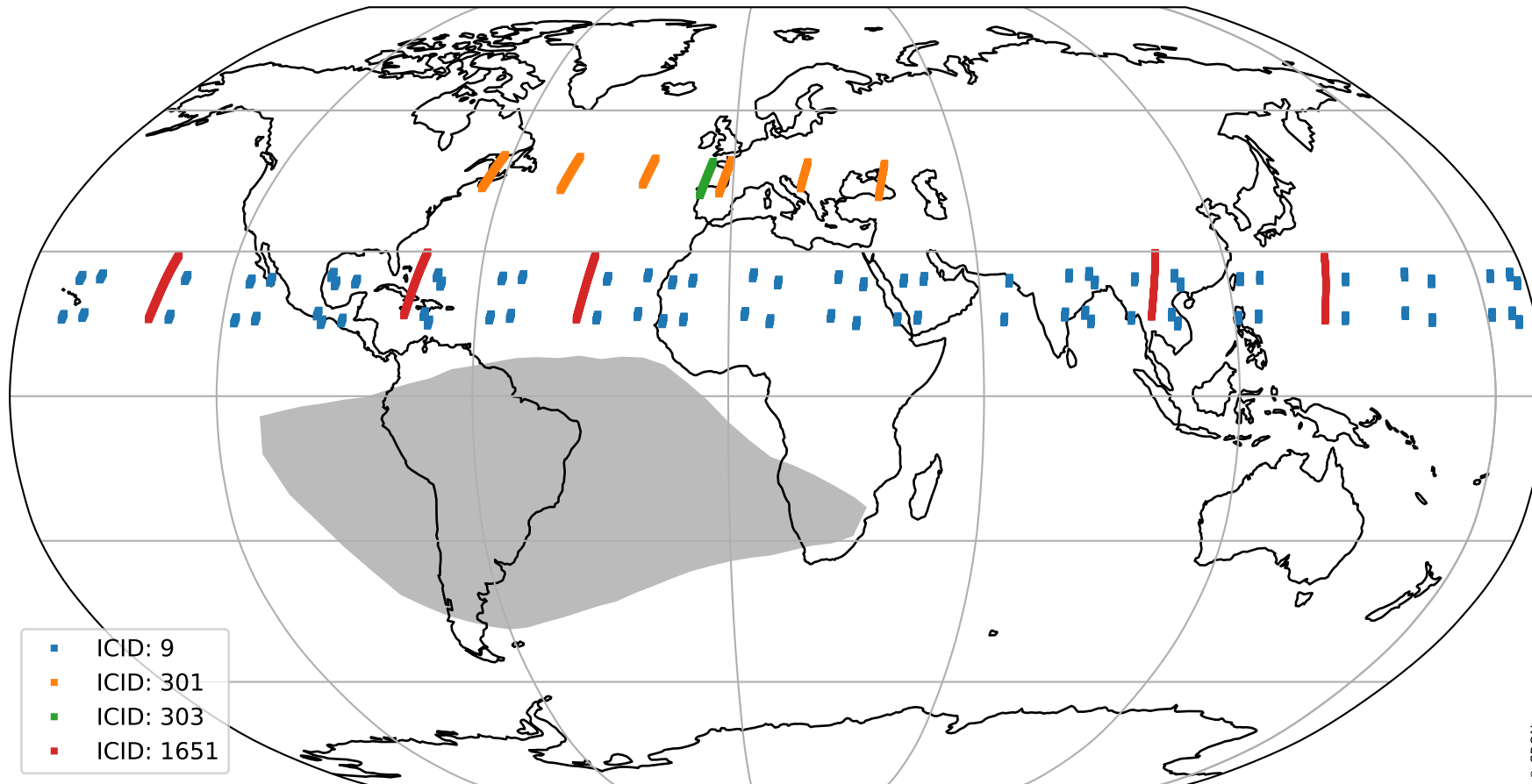
orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
median : 0.9456
spread : 0.09113
created : 2023-08-21T14:35:43

normalized read noise



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

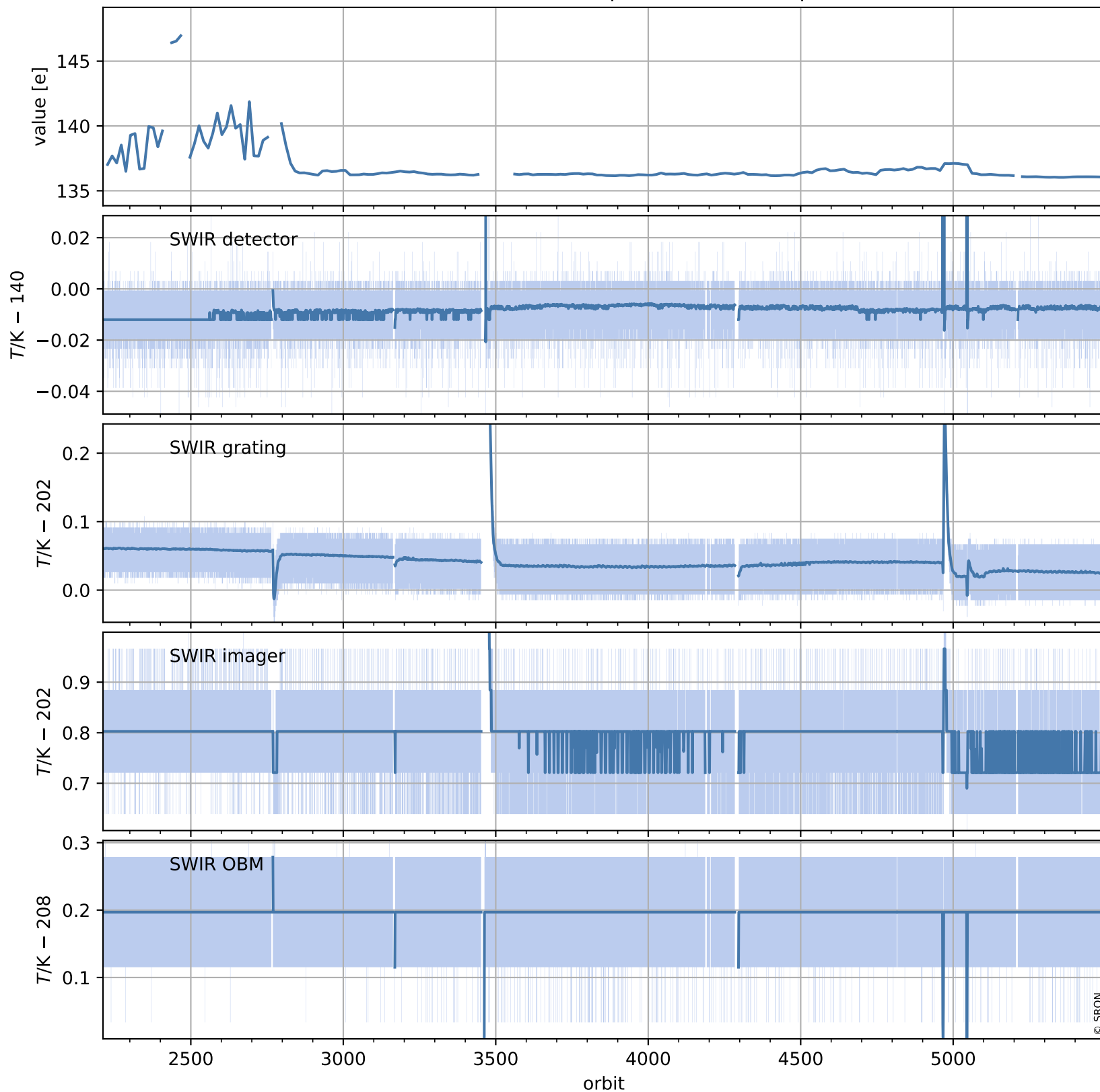
orbits : 12 in [5422, 5497]
coverage : 2018-10-29 / 2018-11-04
created : 2023-08-21T14:35:43



Tropomi SWIR background noise (swir)

orbits : [2212, 5497]
coverage : 2018-03-18 / 2018-11-04
created : 2023-08-21T14:35:44

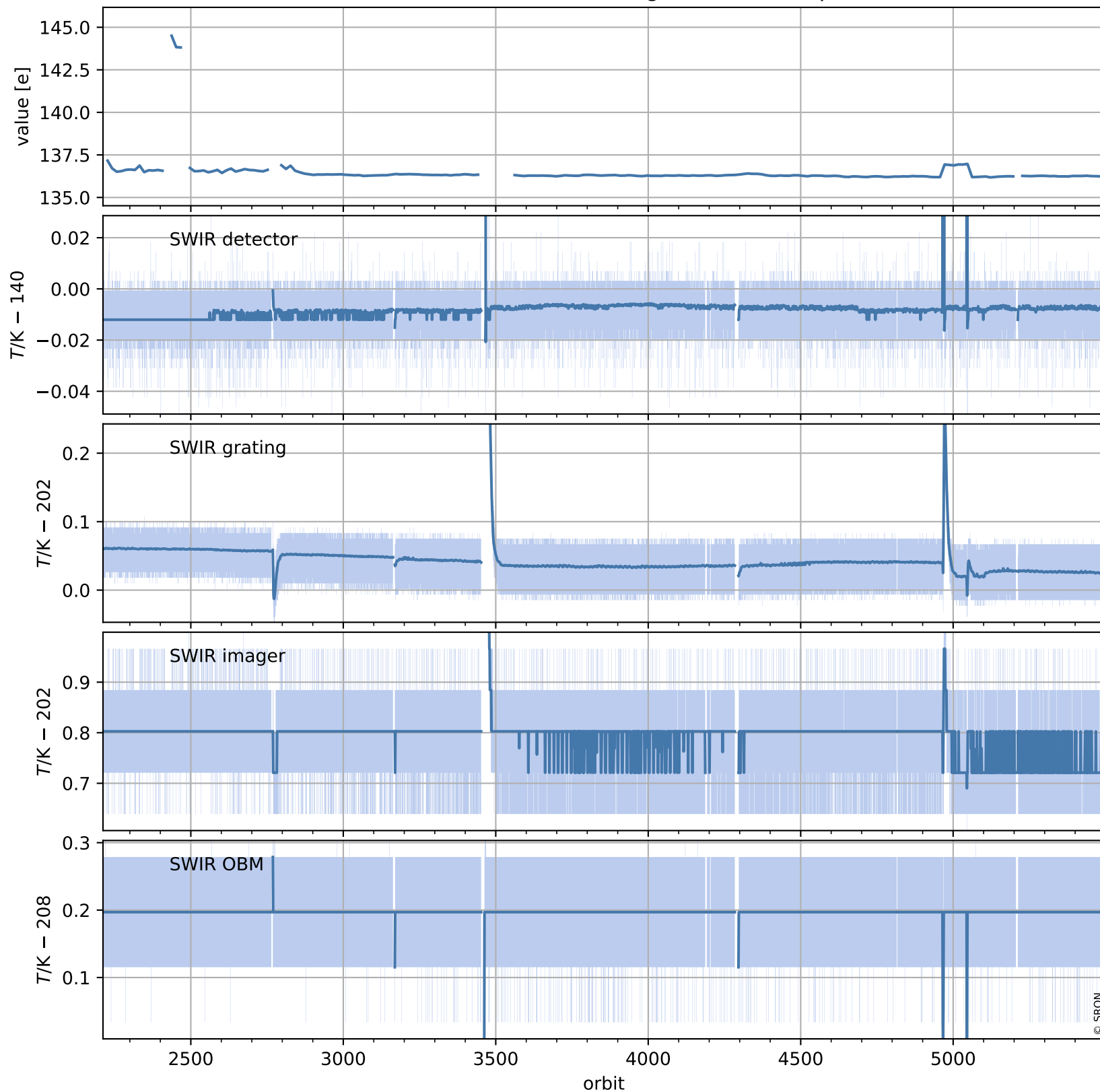
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5497]
coverage : 2018-03-18 / 2018-11-04
created : 2023-08-21T14:35:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5497]
coverage : 2018-03-18 / 2018-11-04
created : 2023-08-21T14:35:45

trend of normalized read-noise & temperatures

