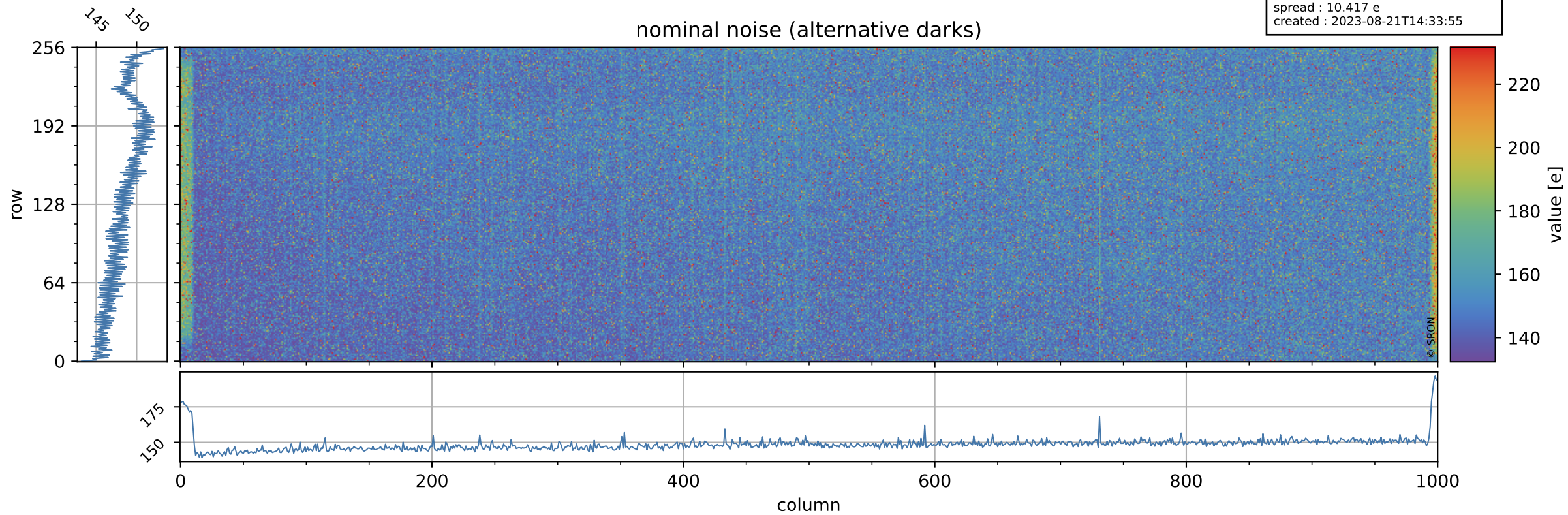


Tropomi SWIR background noise (swir)

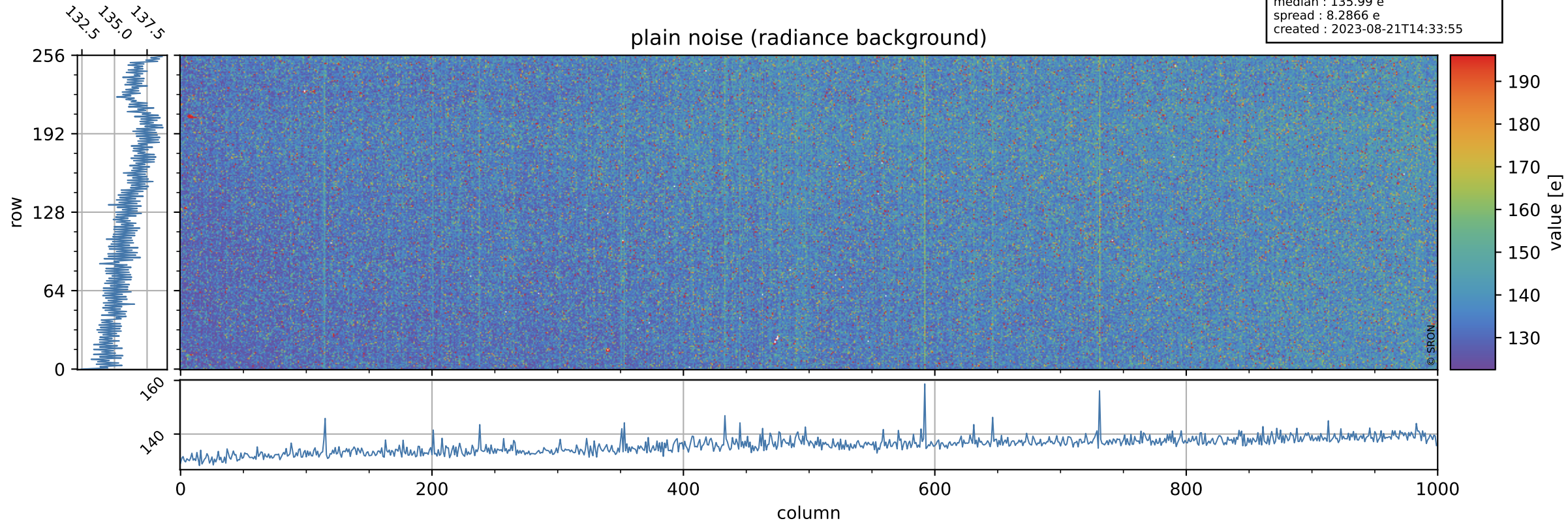
orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.417 e
created : 2023-08-21T14:33:55



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2866 e
created : 2023-08-21T14:33:55

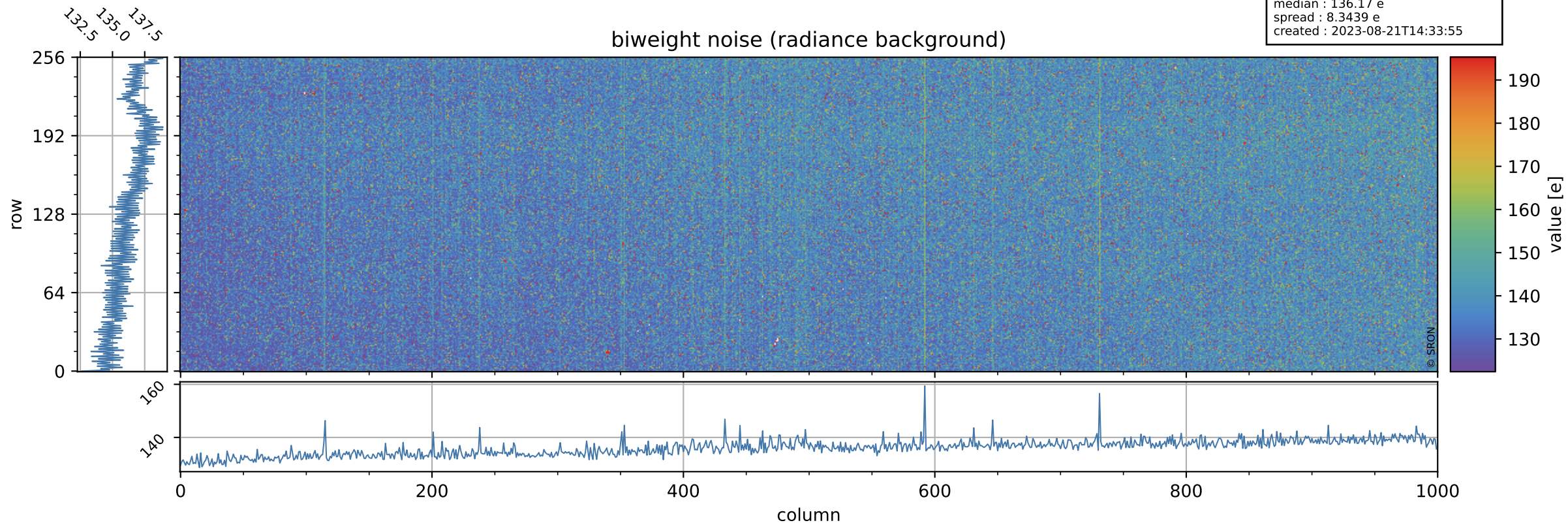
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3439 e
created : 2023-08-21T14:33:55

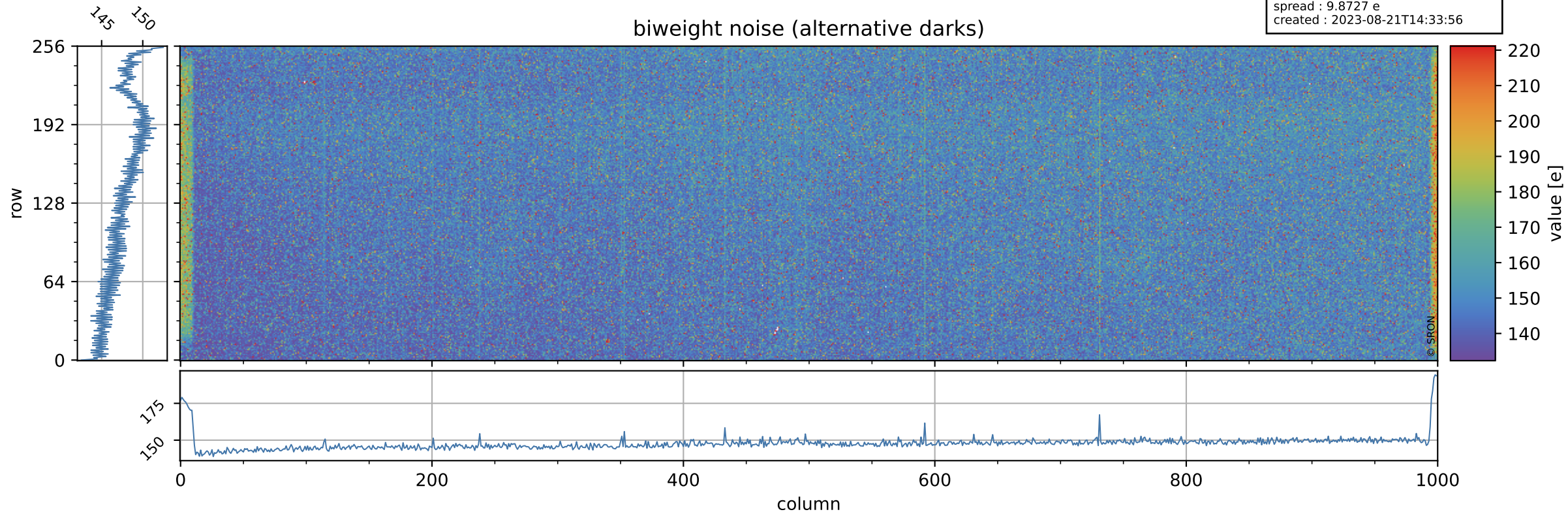
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8727 e
created : 2023-08-21T14:33:56

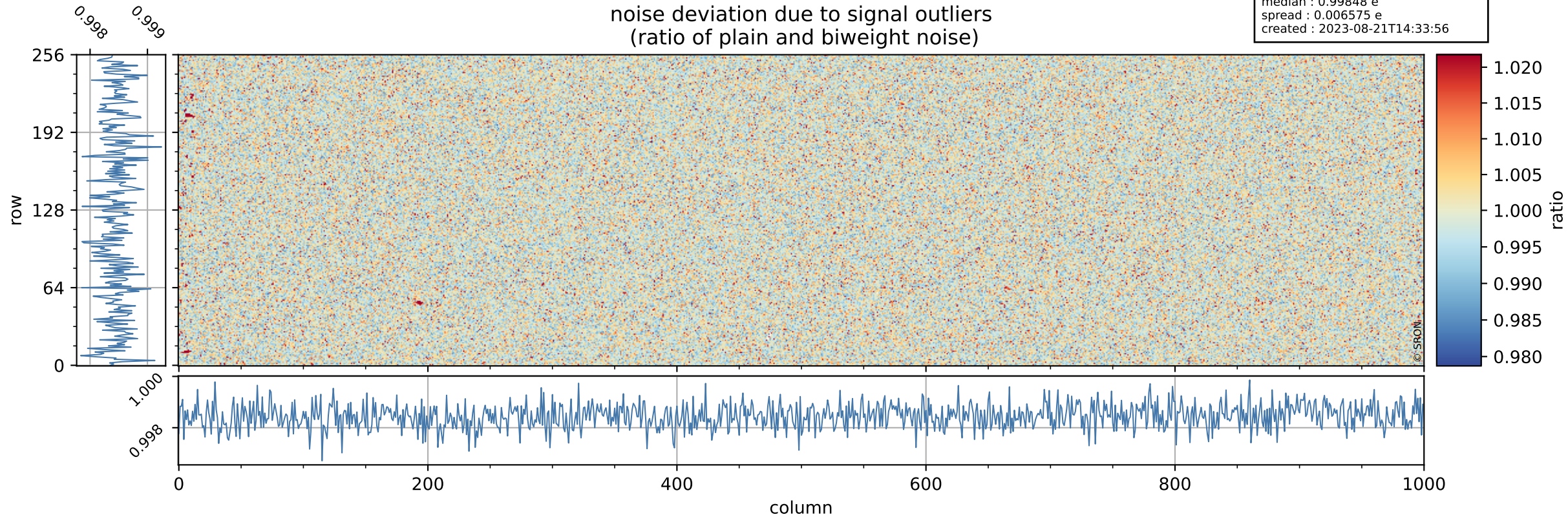
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

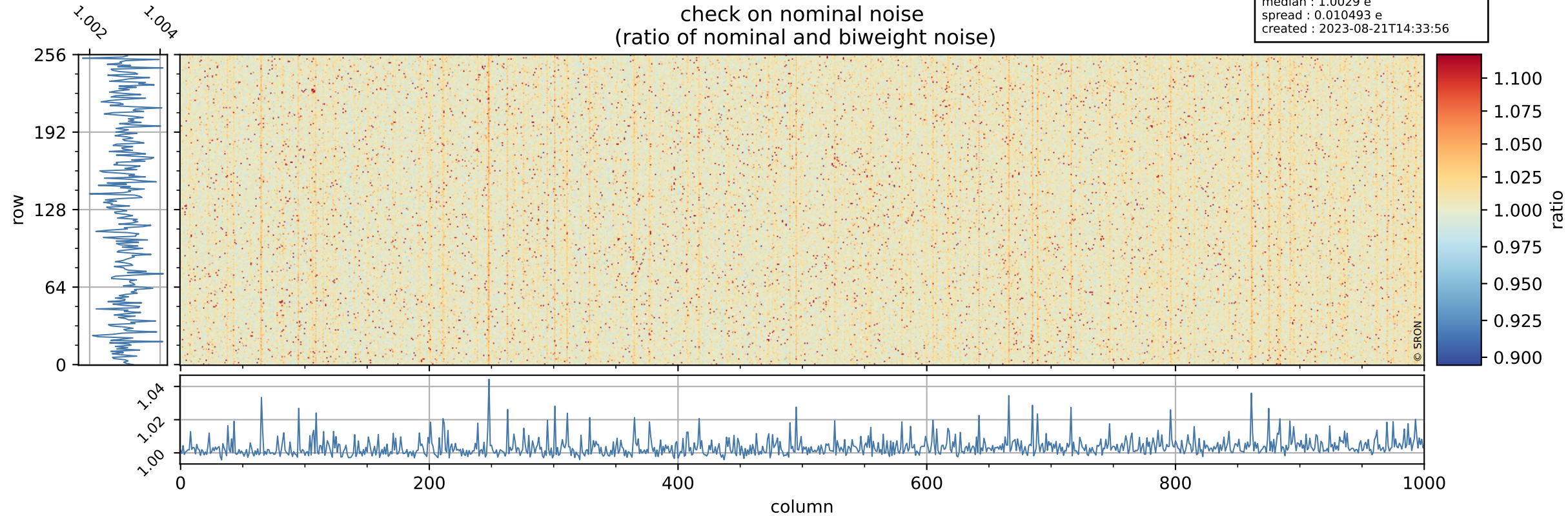
orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
median : 0.99848 e
spread : 0.006575 e
created : 2023-08-21T14:33:56



Tropomi SWIR background noise (swir)

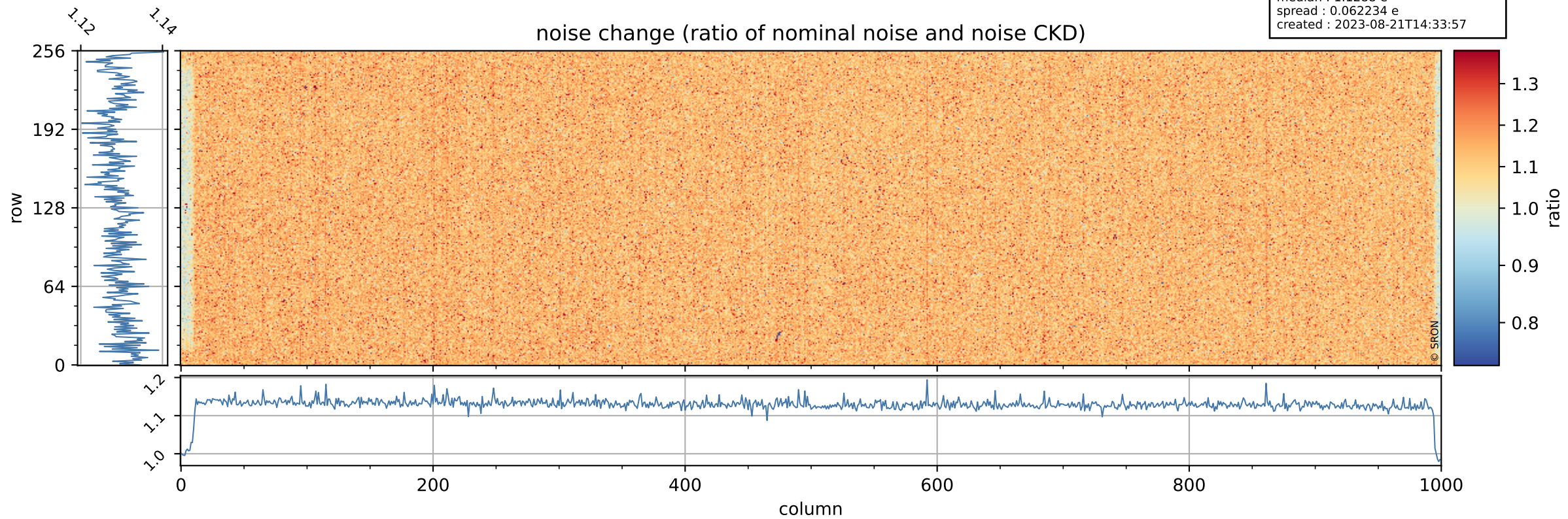
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
median : 1.0029 e
spread : 0.010493 e
created : 2023-08-21T14:33:56



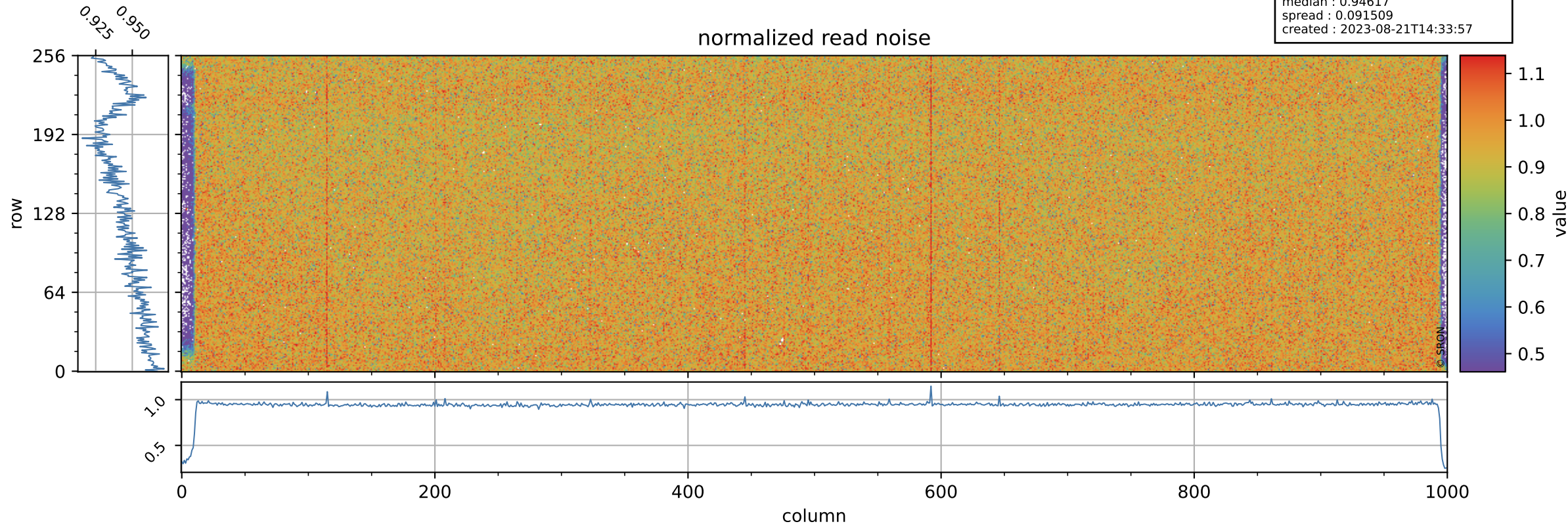
Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
median : 1.1288 e
spread : 0.062234 e
created : 2023-08-21T14:33:57



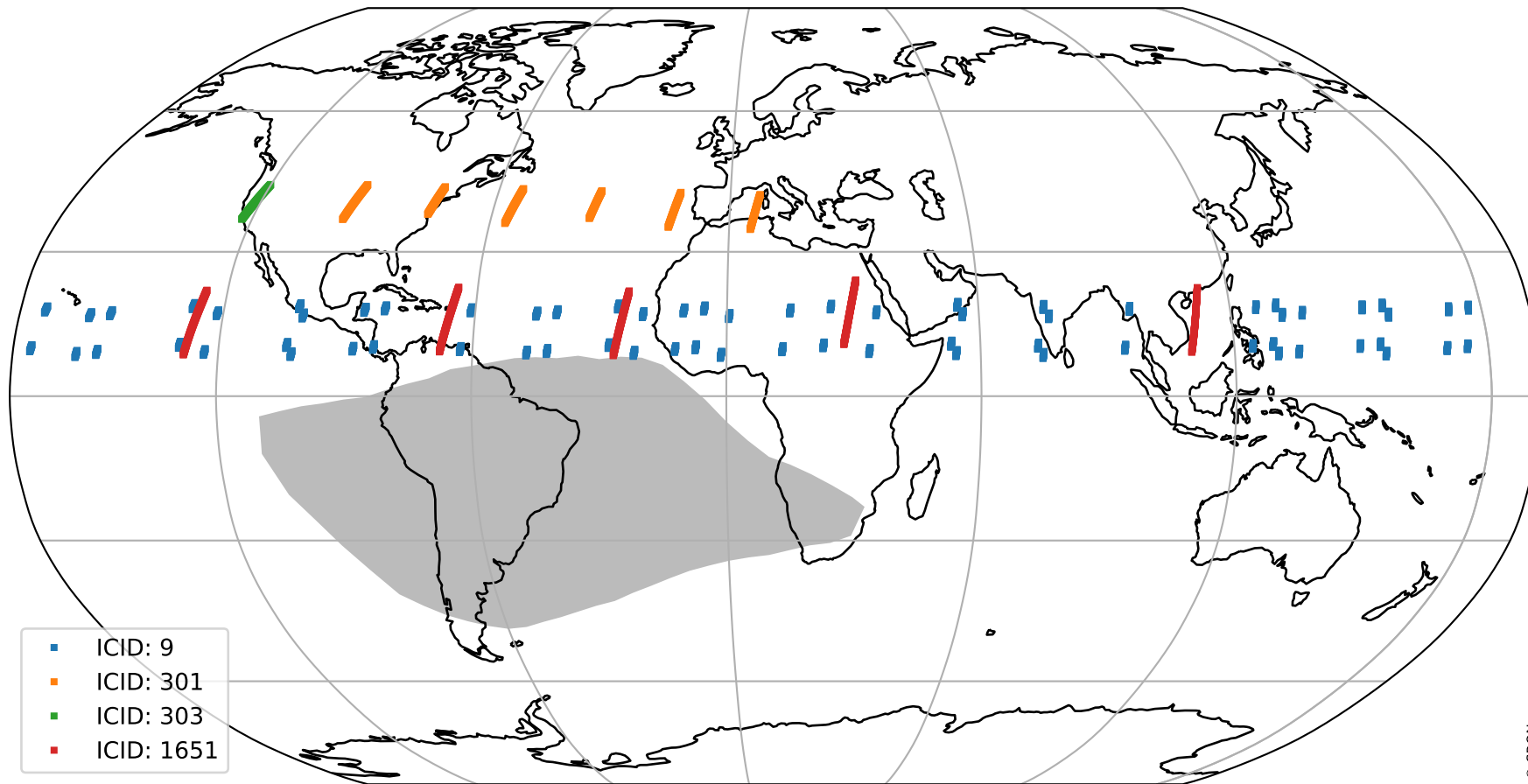
Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
median : 0.94617
spread : 0.091509
created : 2023-08-21T14:33:57



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

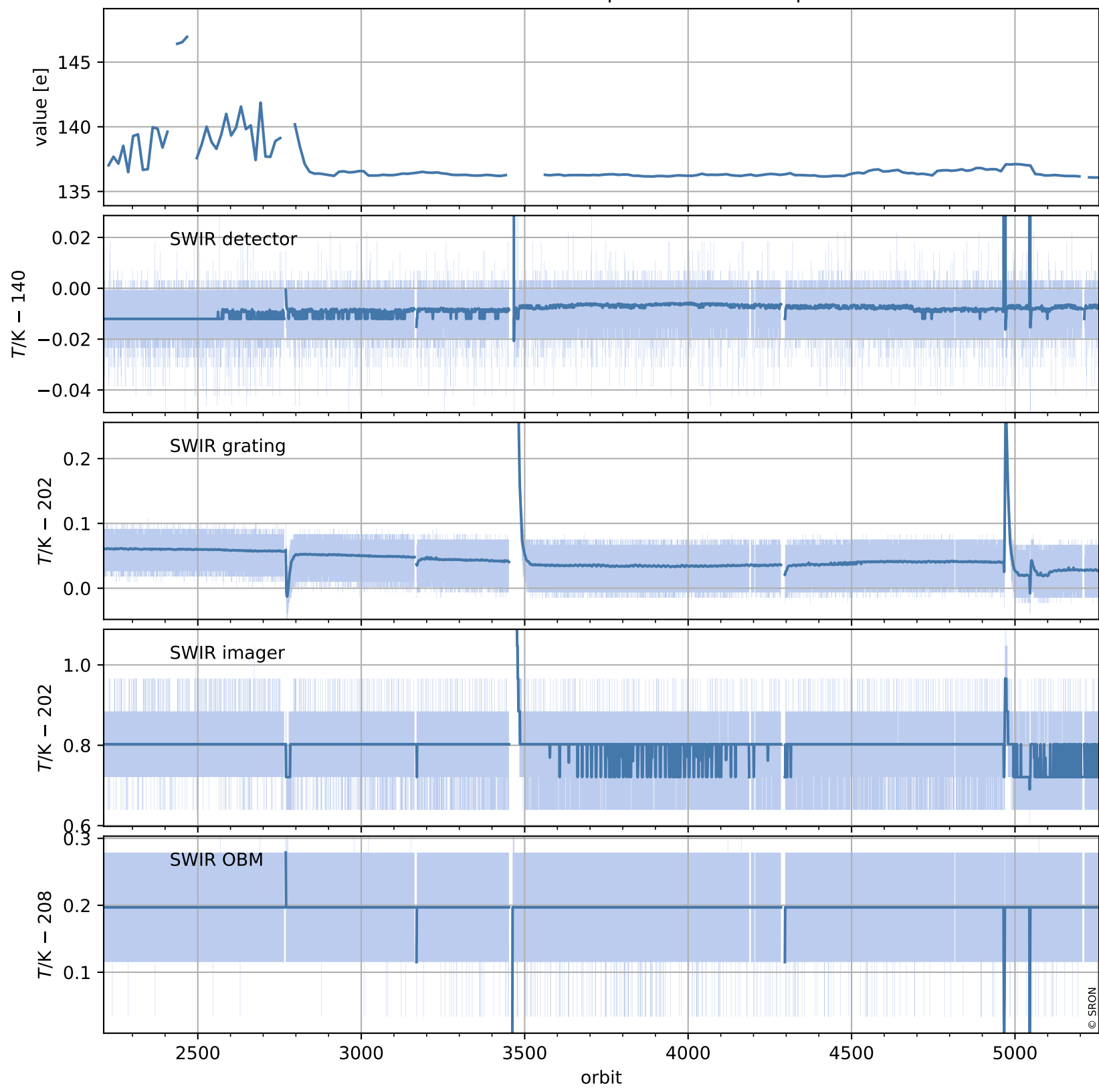
orbits : 12 in [5167, 5257]
coverage : 2018-10-13 / 2018-10-18
created : 2023-08-21T14:33:58



Tropomi SWIR background noise (swir)

orbits : [2212, 5257]
coverage : 2018-03-18 / 2018-10-18
created : 2023-08-21T14:33:58

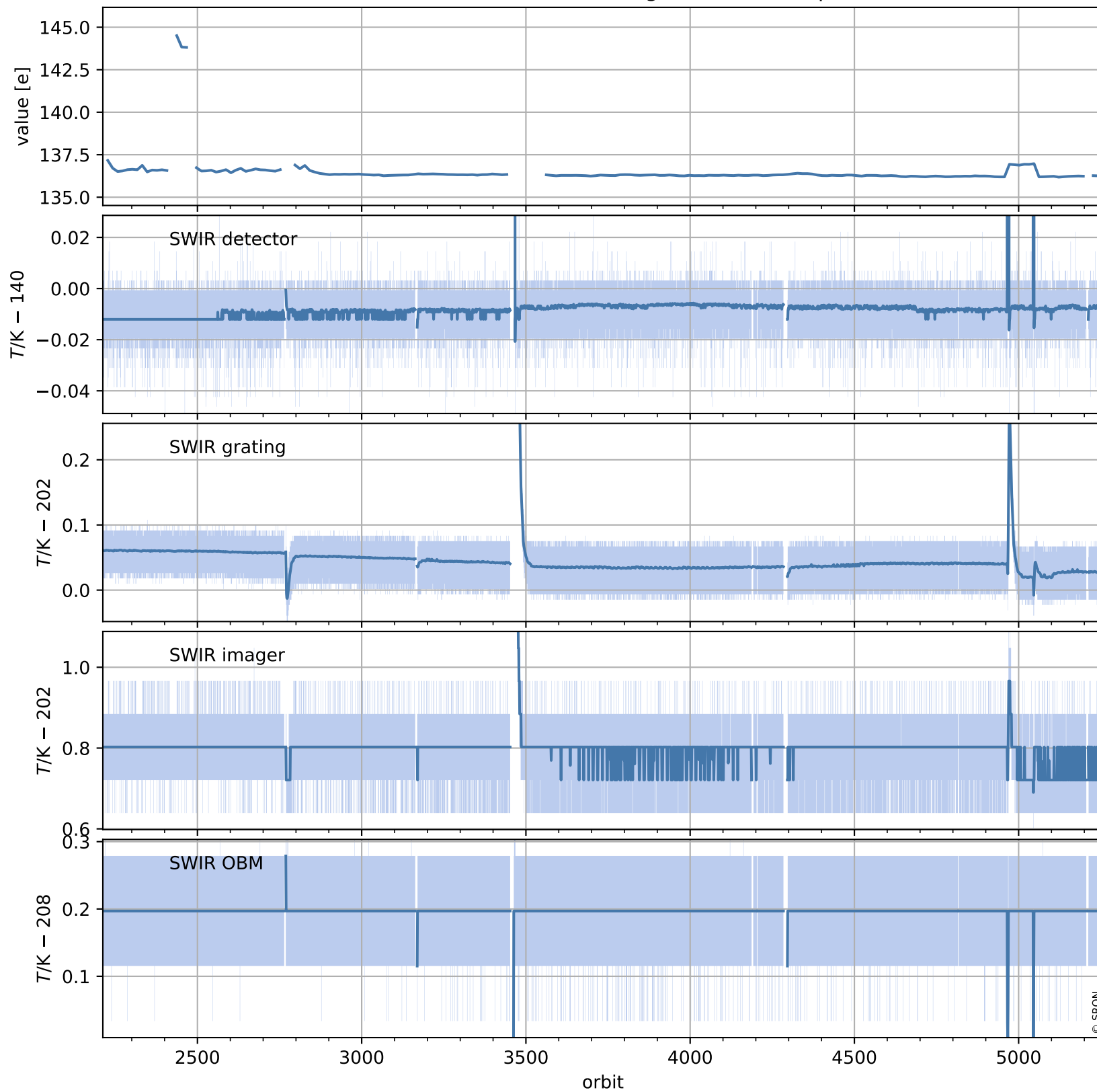
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5257]
coverage : 2018-03-18 / 2018-10-18
created : 2023-08-21T14:33:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5257]
coverage : 2018-03-18 / 2018-10-18
created : 2023-08-21T14:33:59

trend of normalized read-noise & temperatures

