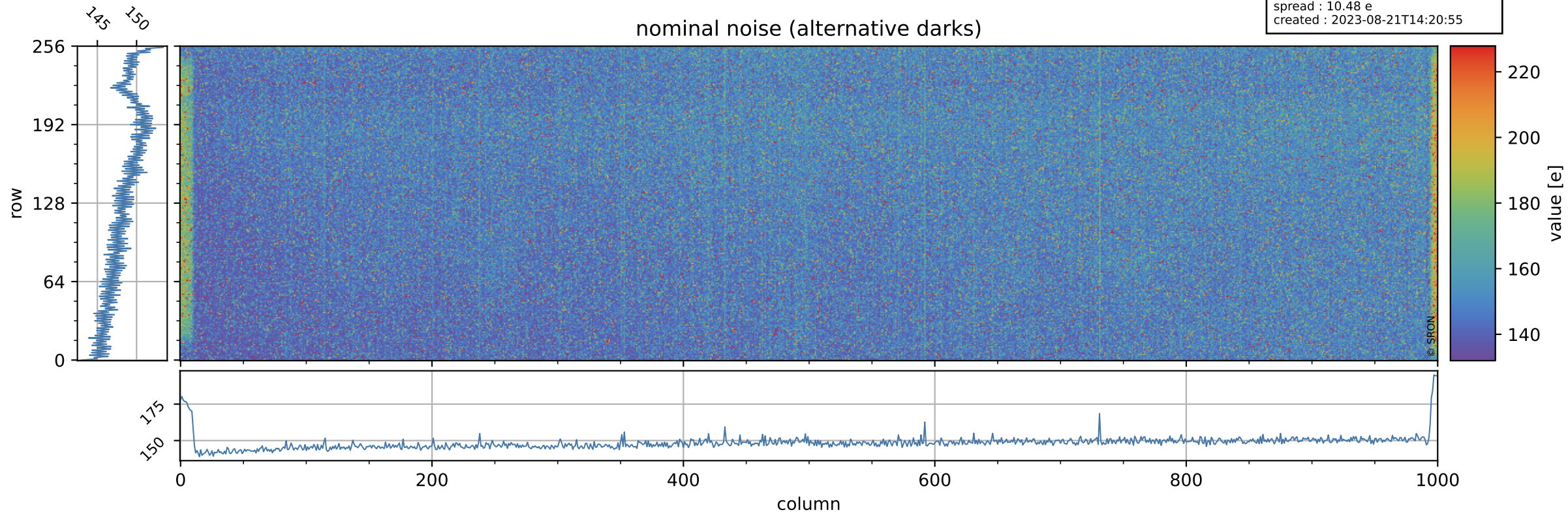


Tropomi SWIR background noise (swir)

orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.48 e
created : 2023-08-21T14:20:55

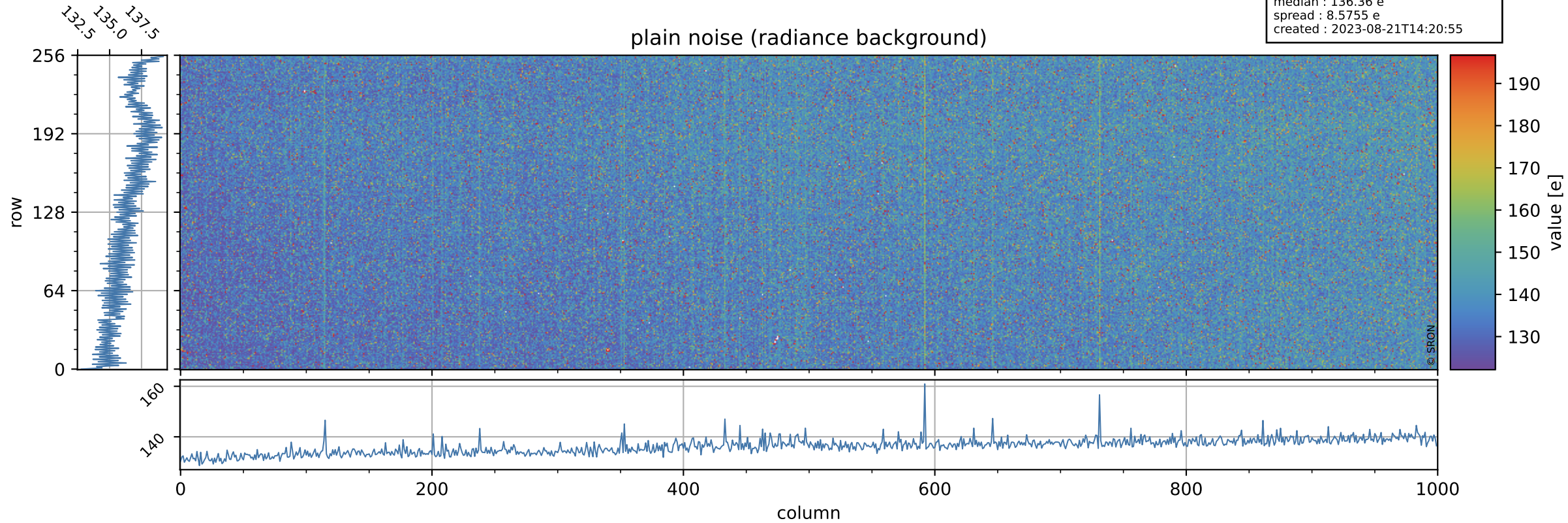
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
n_coad, t_exp : 2, 0.5383
median : 136.36 e
spread : 8.5755 e
created : 2023-08-21T14:20:55

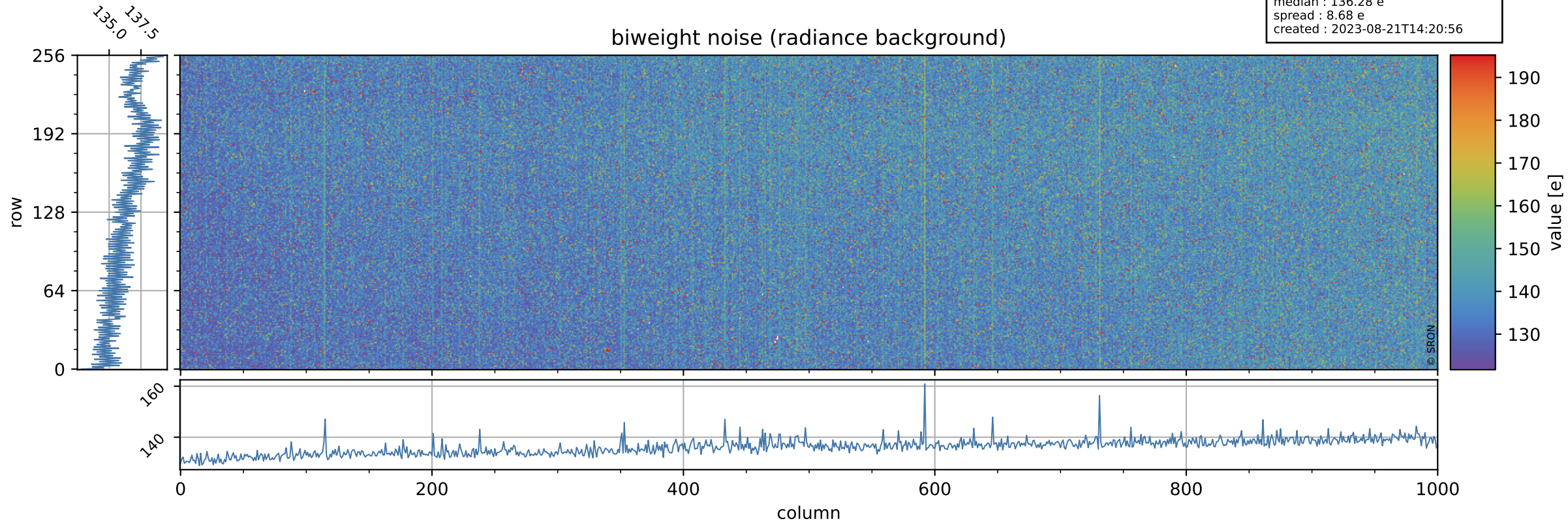
plain noise (radiance background)



Tropomi SWIR background noise (swir)

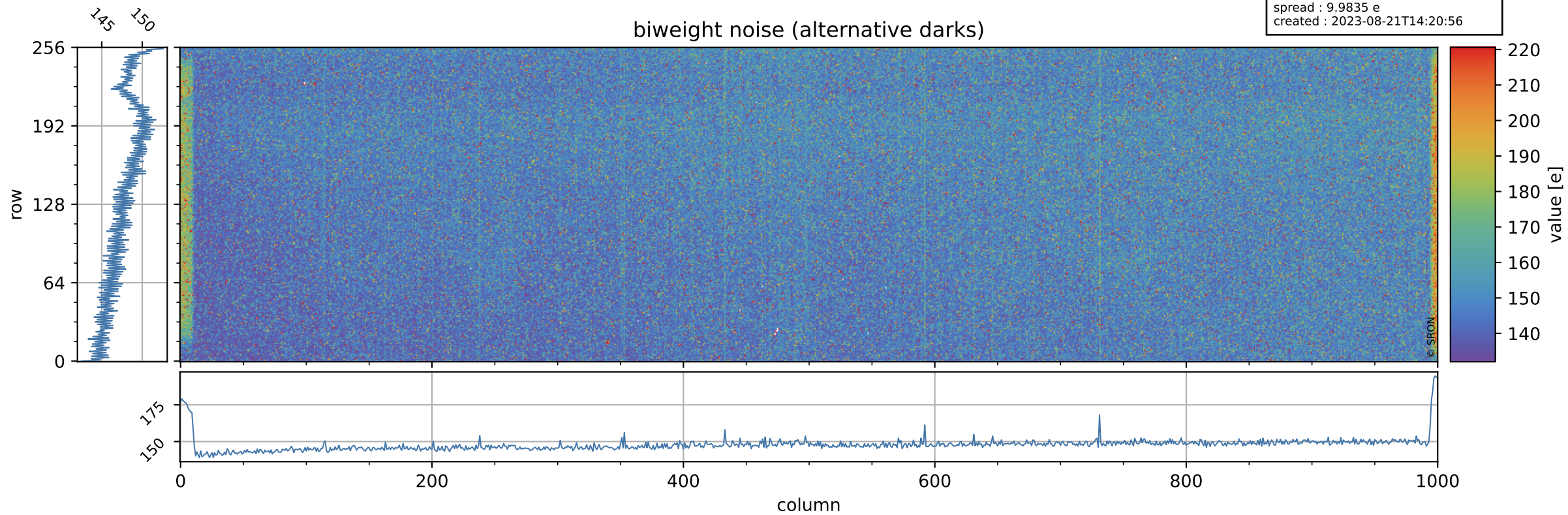
orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.68 e
created : 2023-08-21T14:20:56

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

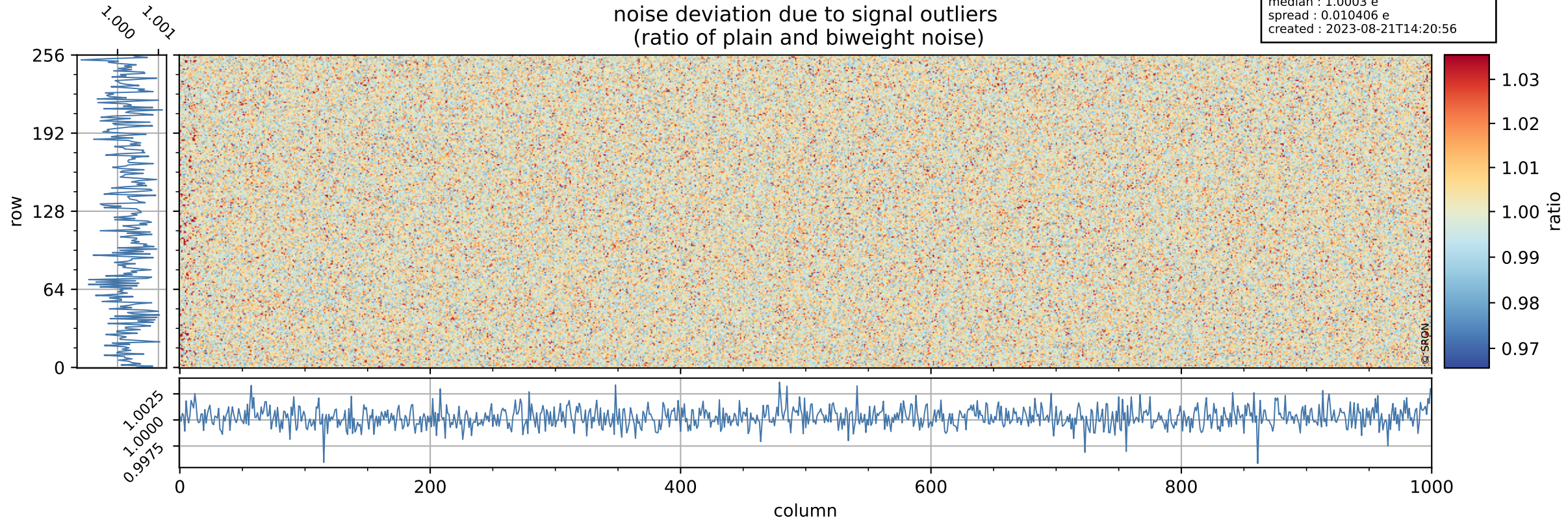
orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9835 e
created : 2023-08-21T14:20:56



Tropomi SWIR background noise (swir)

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

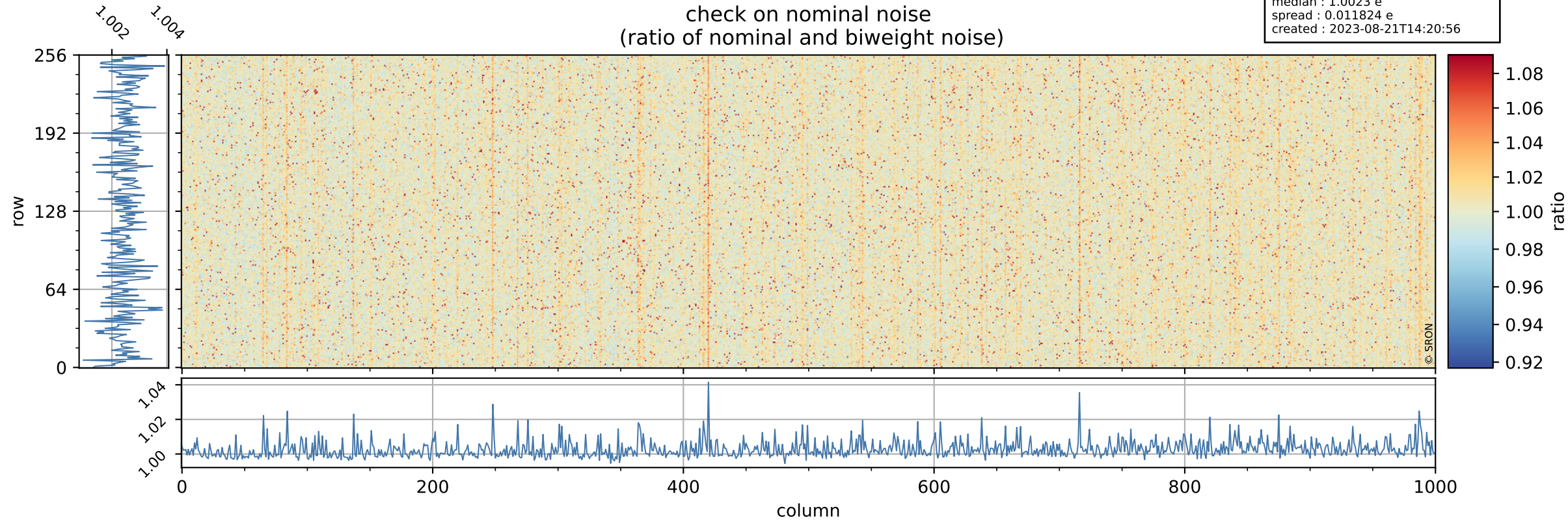
orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
median : 1.0003 e
spread : 0.010406 e
created : 2023-08-21T14:20:56



Tropomi SWIR background noise (swir)

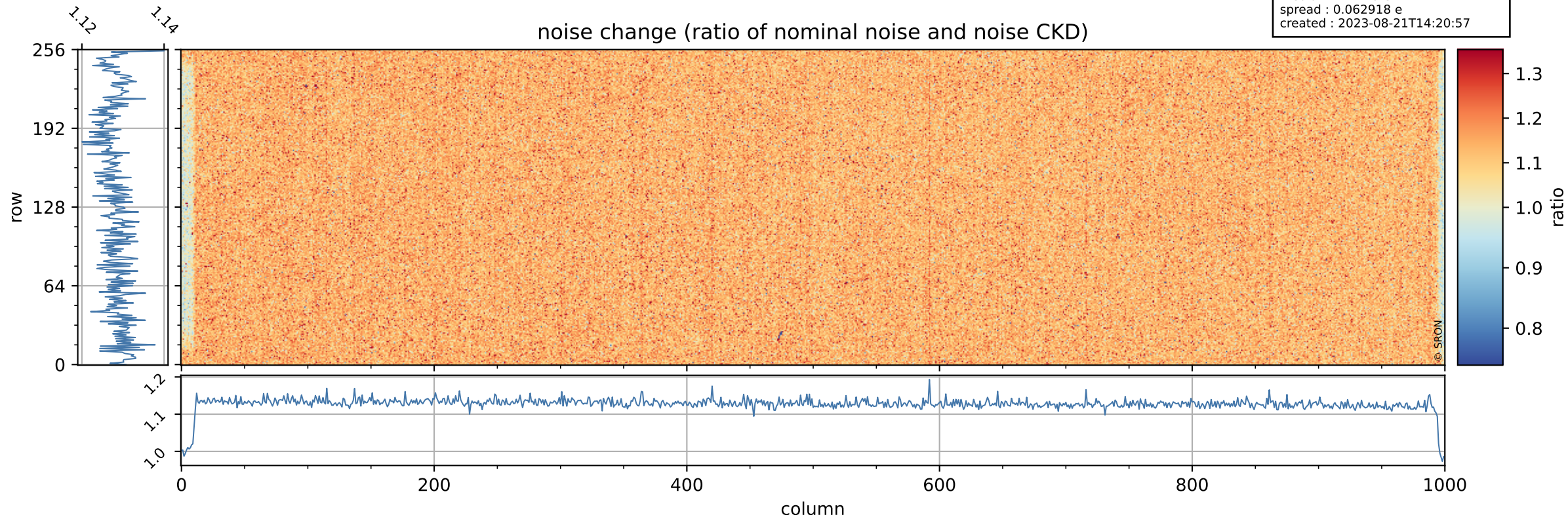
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
median : 1.0023 e
spread : 0.011824 e
created : 2023-08-21T14:20:56



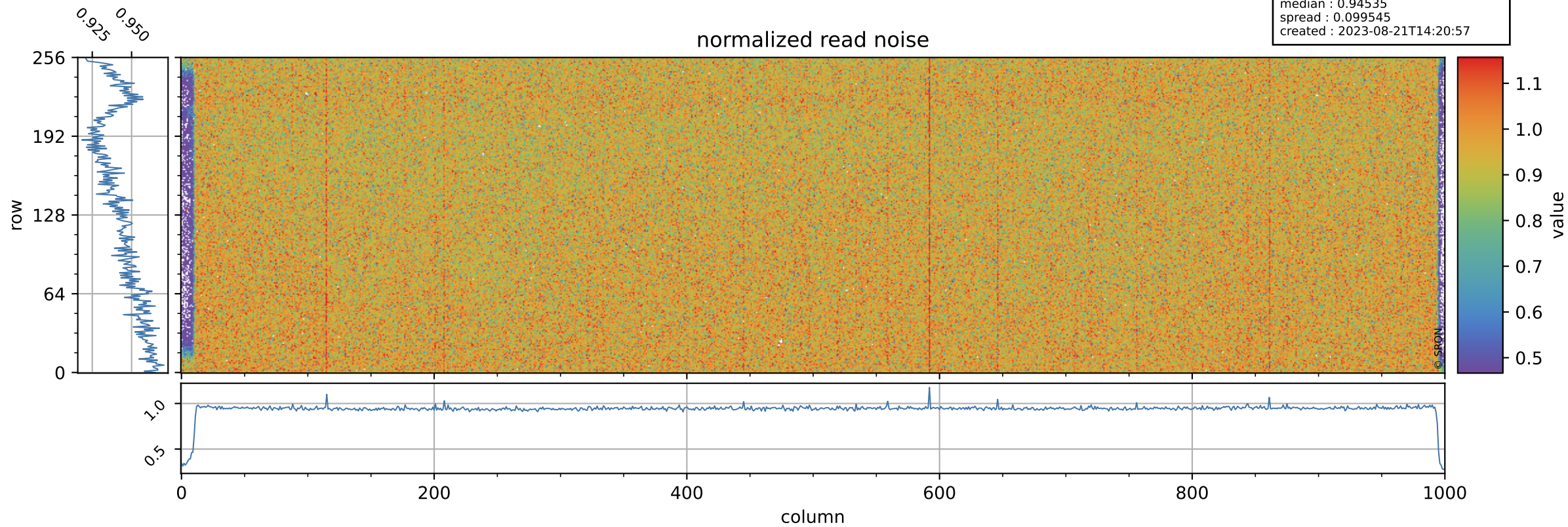
Tropomi SWIR background noise (swir)

orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
median : 1.1279 e
spread : 0.062918 e
created : 2023-08-21T14:20:57



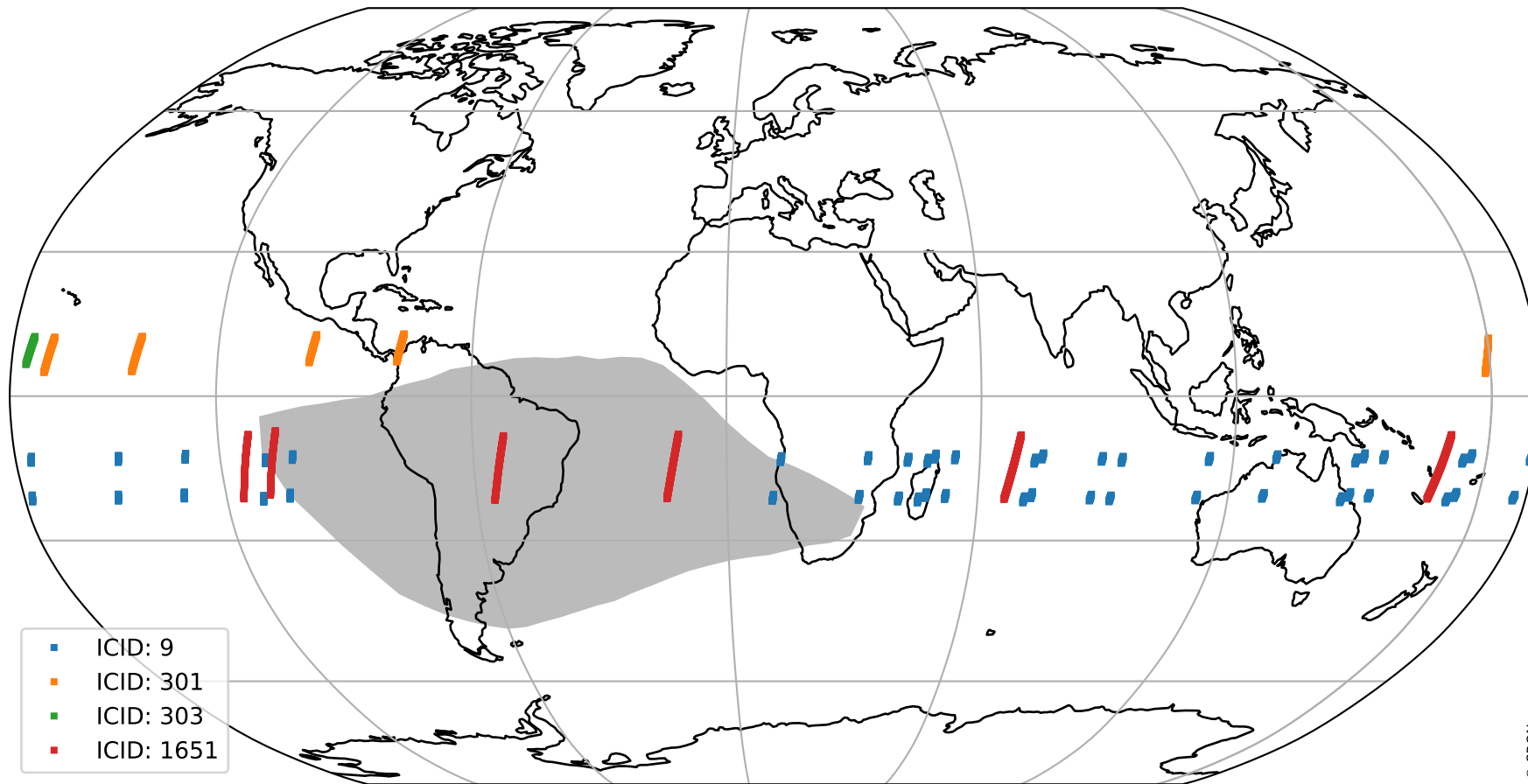
Tropomi SWIR background noise (swir)

orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
median : 0.94535
spread : 0.099545
created : 2023-08-21T14:20:57



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

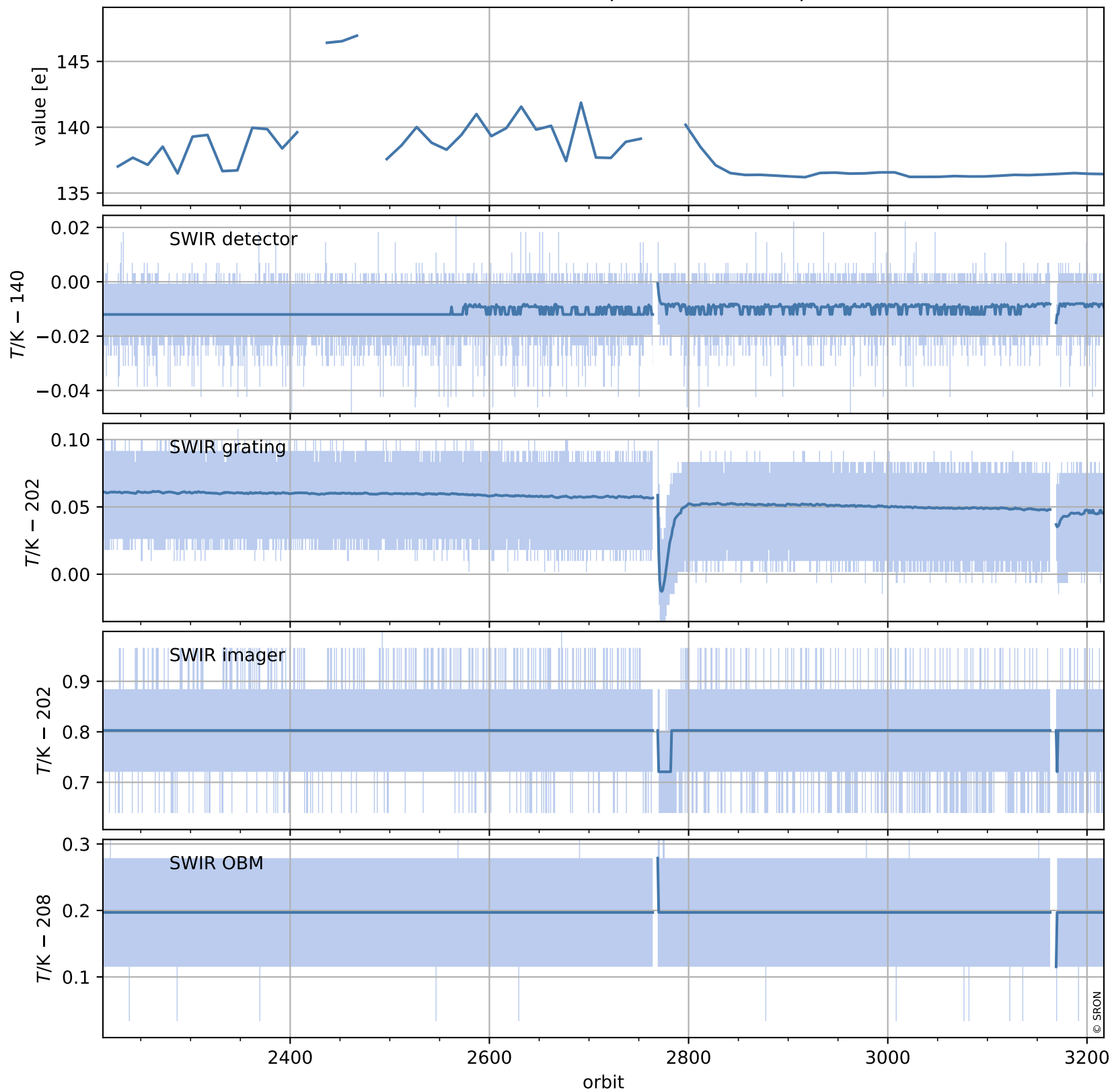
orbits : 12 in [3127, 3217]
coverage : 2018-05-22 / 2018-05-28
created : 2023-08-21T14:20:57



Tropomi SWIR background noise (swir)

orbits : [2212, 3217]
coverage : 2018-03-18 / 2018-05-28
created : 2023-08-21T14:20:58

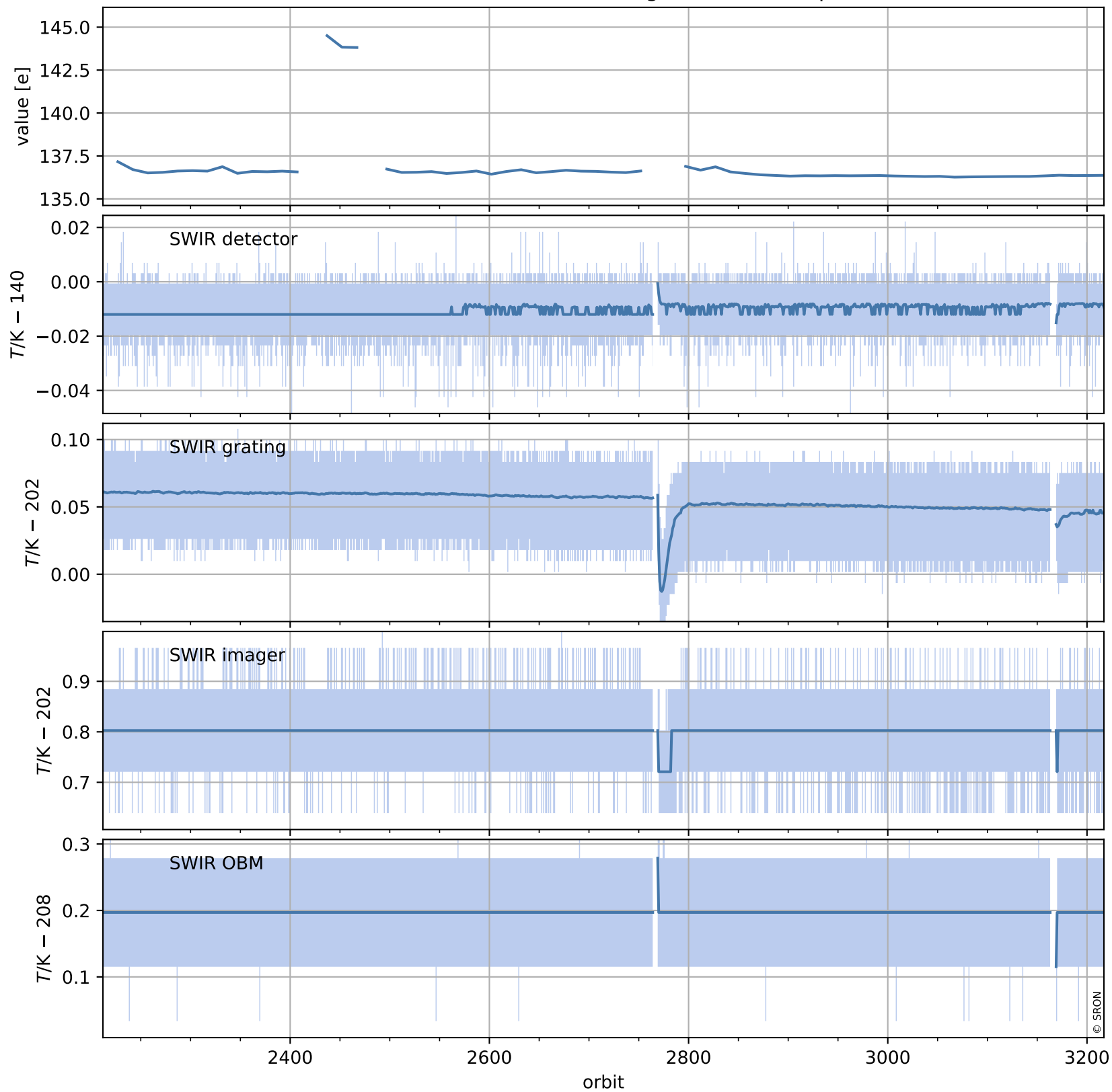
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3217]
coverage : 2018-03-18 / 2018-05-28
created : 2023-08-21T14:20:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3217]
coverage : 2018-03-18 / 2018-05-28
created : 2023-08-21T14:20:58

trend of normalized read-noise & temperatures

