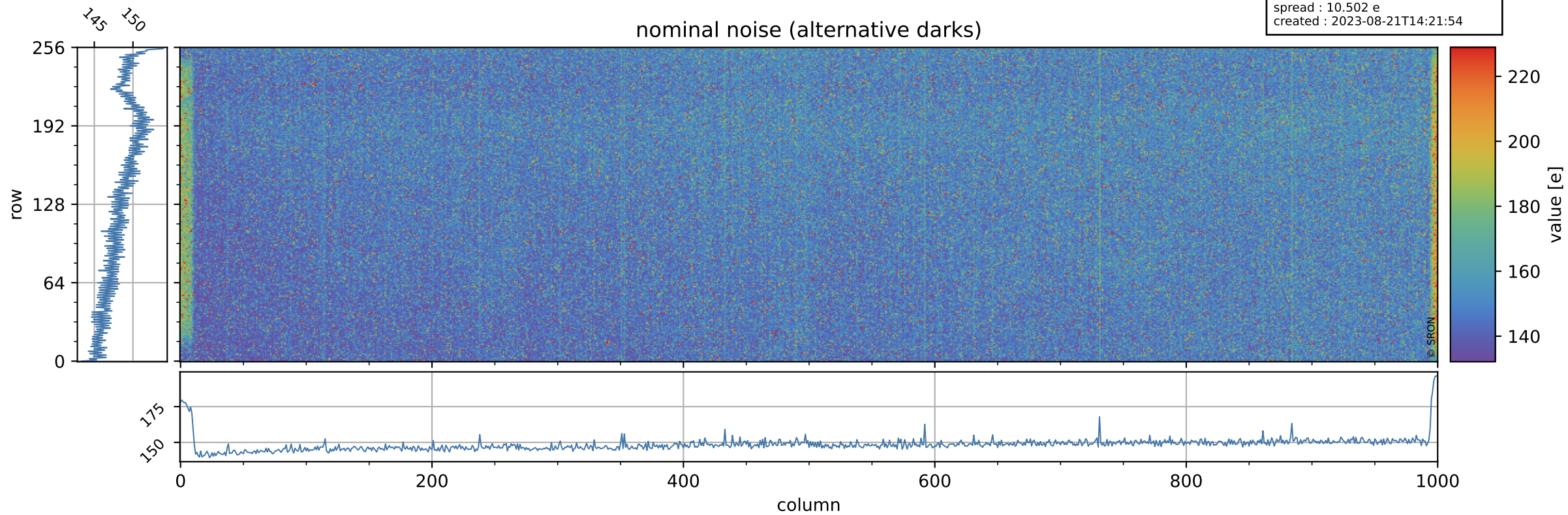


Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.502 e
created : 2023-08-21T14:21:54

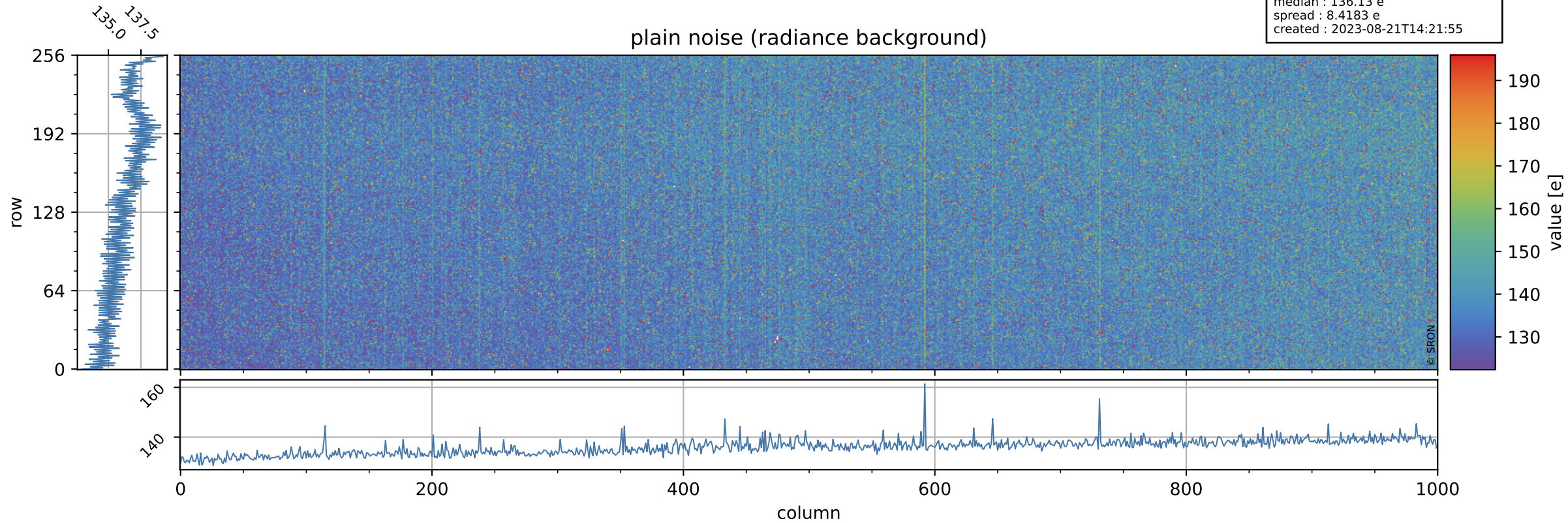
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4183 e
created : 2023-08-21T14:21:55

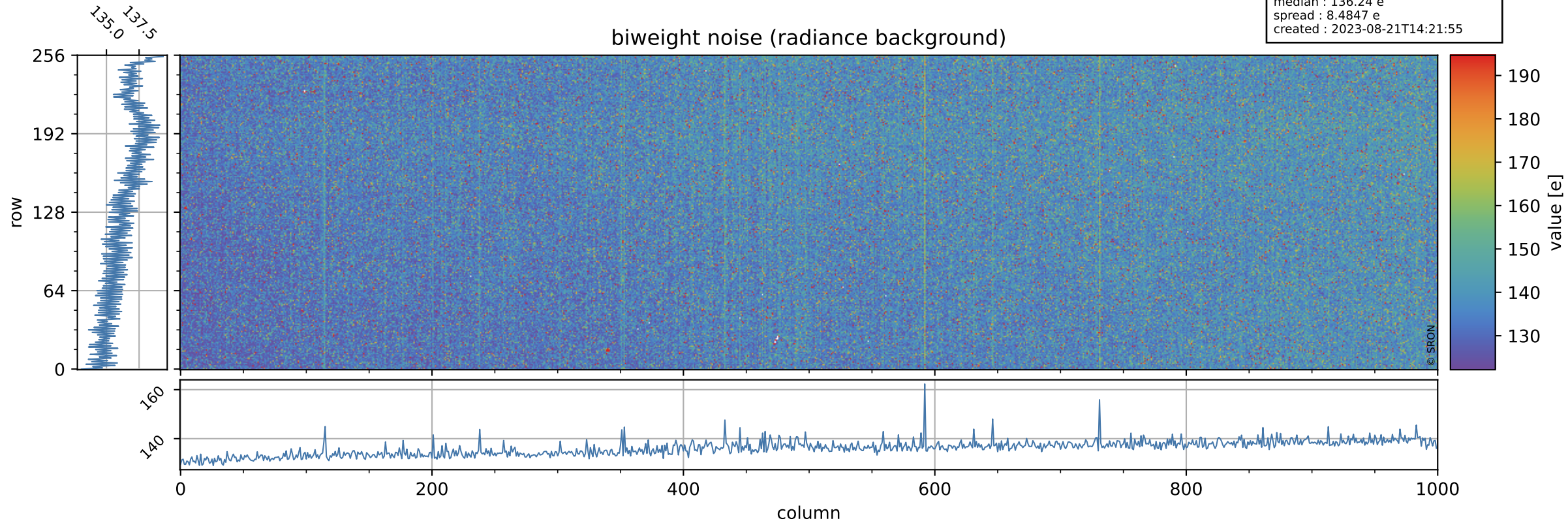
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4847 e
created : 2023-08-21T14:21:55

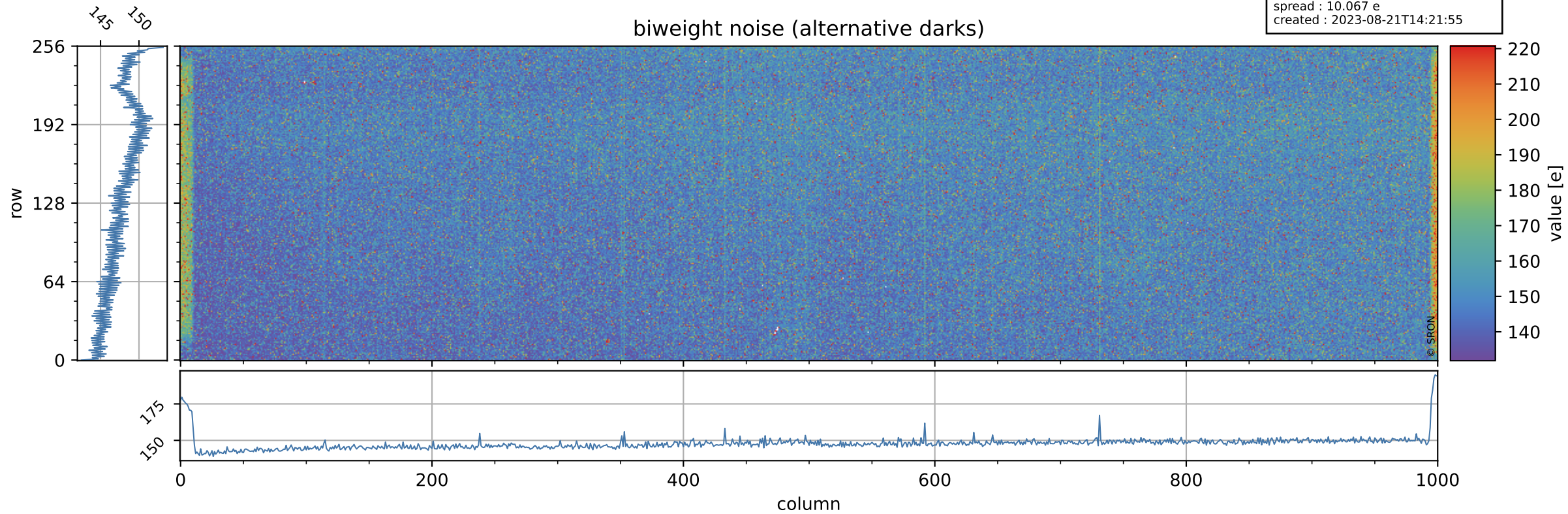
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.067 e
created : 2023-08-21T14:21:55

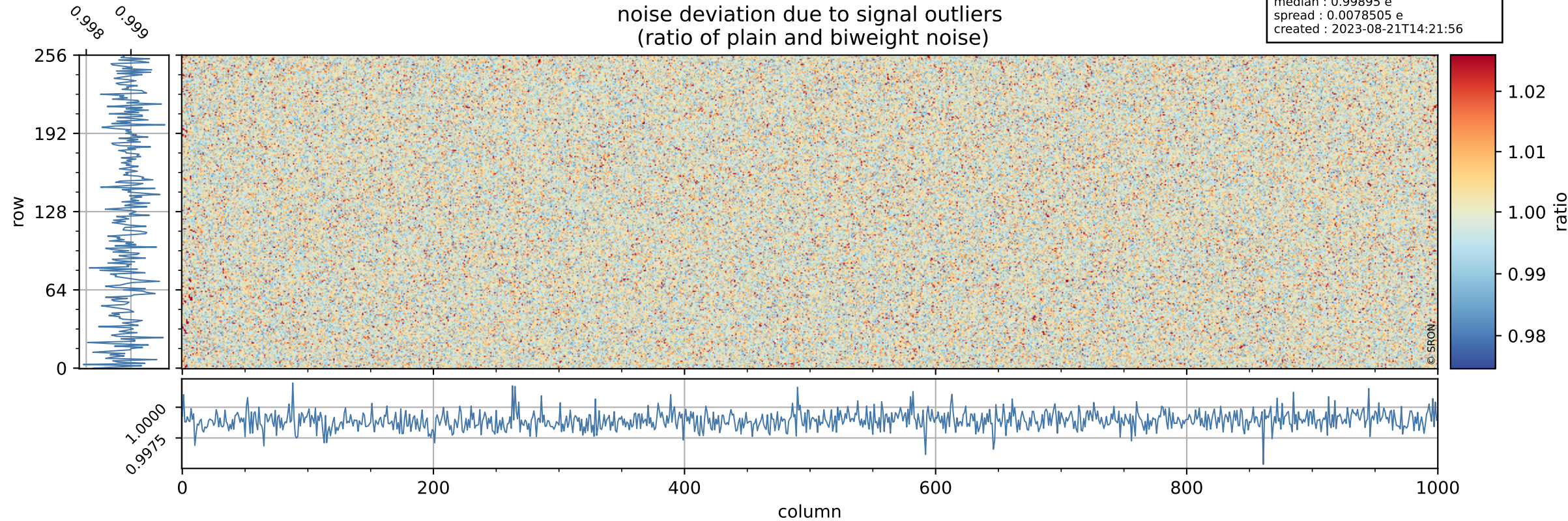
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

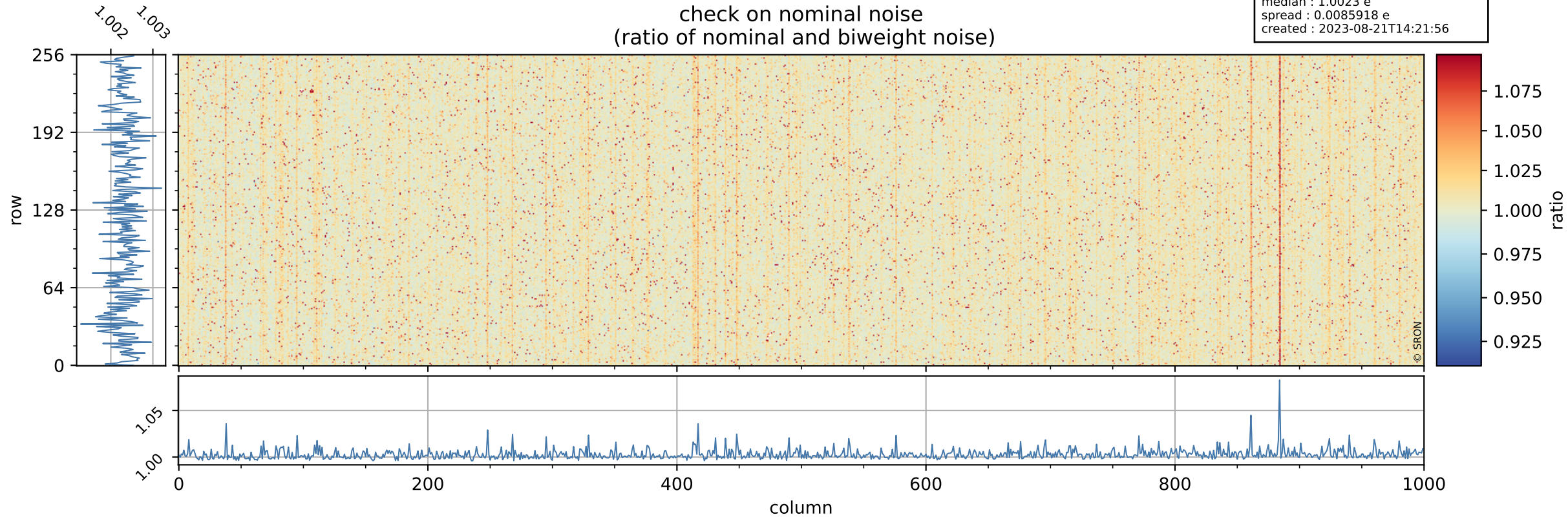
orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
median : 0.99895 e
spread : 0.0078505 e
created : 2023-08-21T14:21:56



Tropomi SWIR background noise (swir)

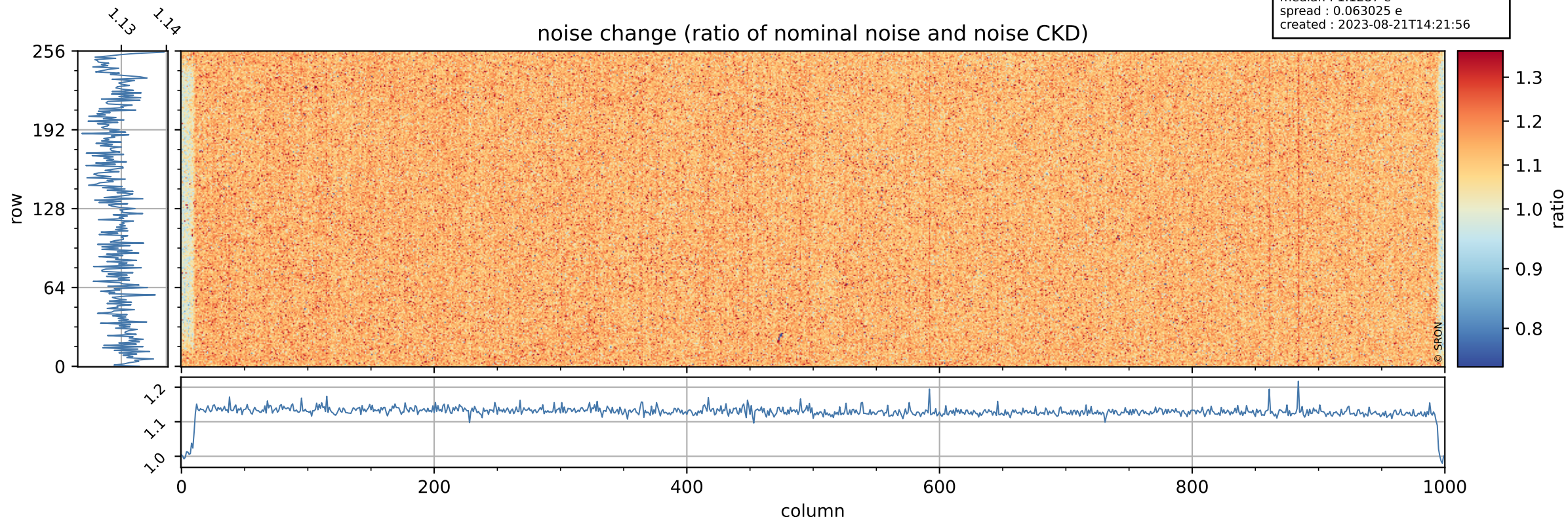
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
median : 1.0023 e
spread : 0.0085918 e
created : 2023-08-21T14:21:56



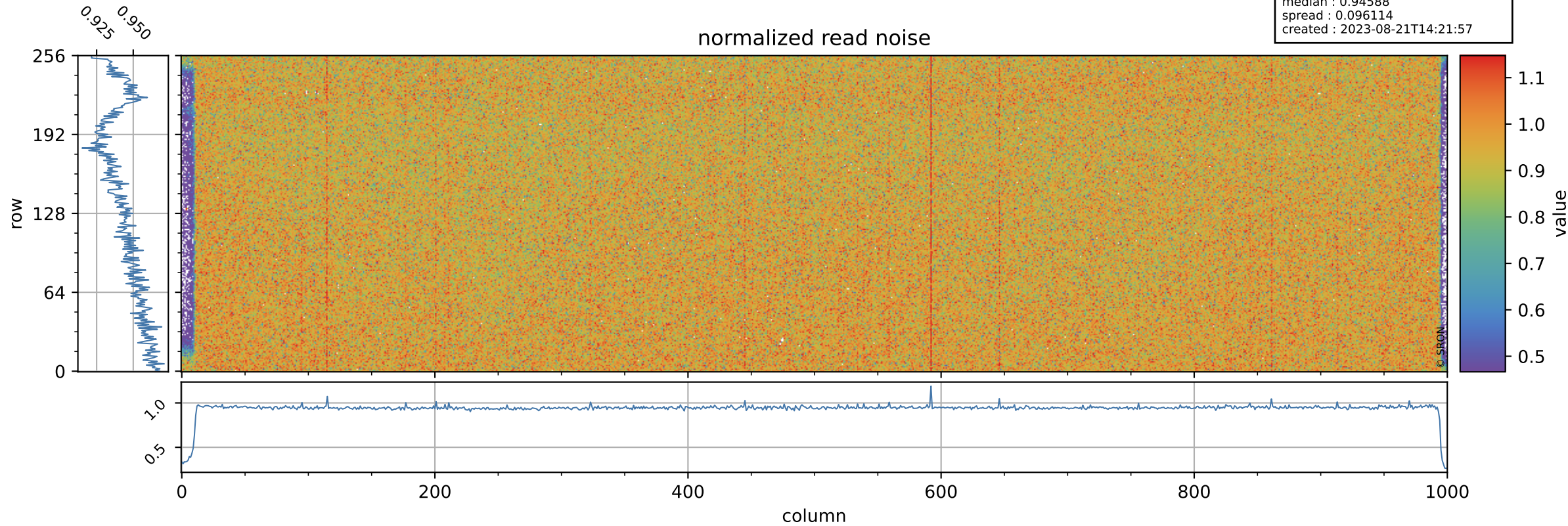
Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
median : 1.1287 e
spread : 0.063025 e
created : 2023-08-21T14:21:56



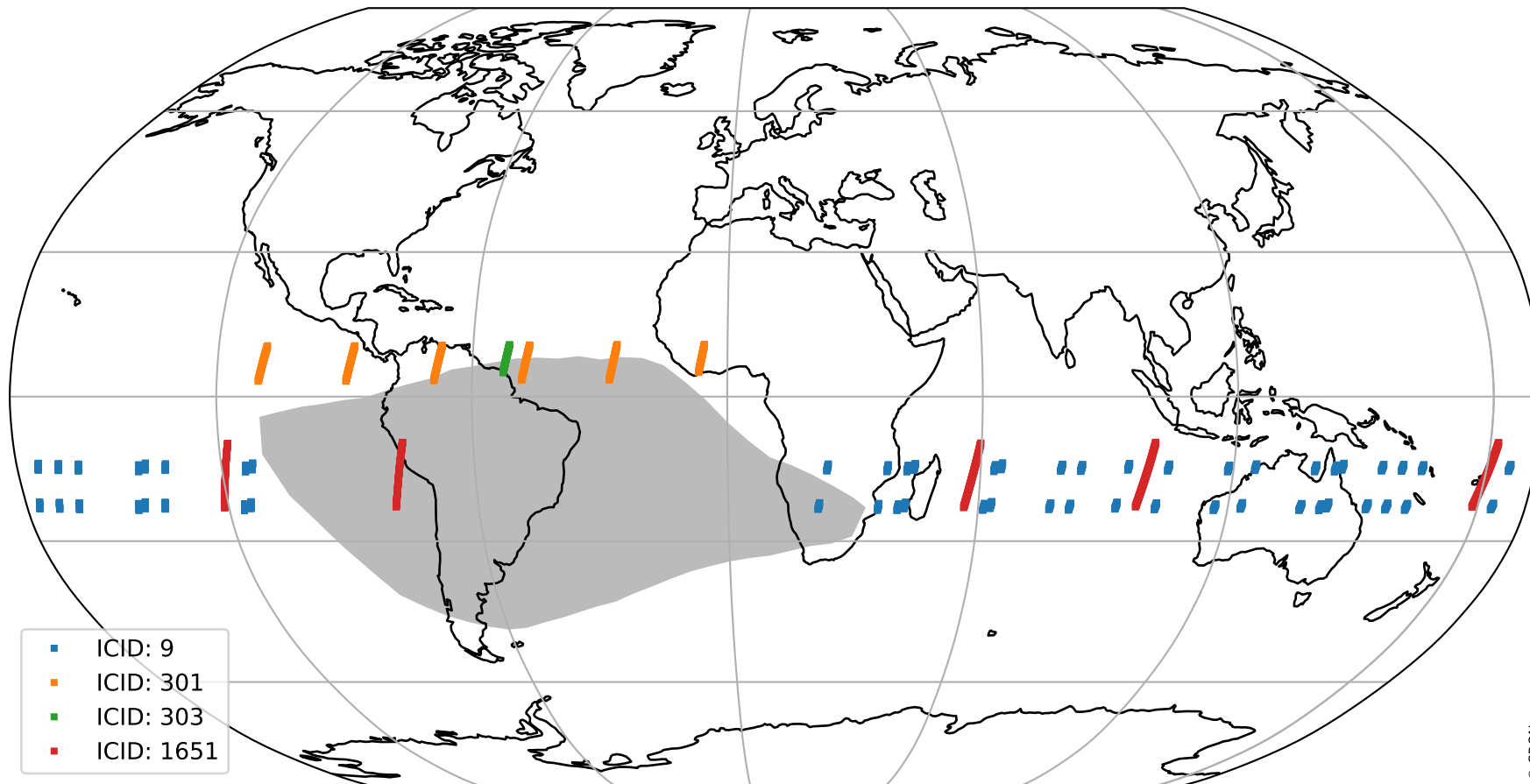
Tropomi SWIR background noise (swir)

orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
median : 0.94588
spread : 0.096114
created : 2023-08-21T14:21:57



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

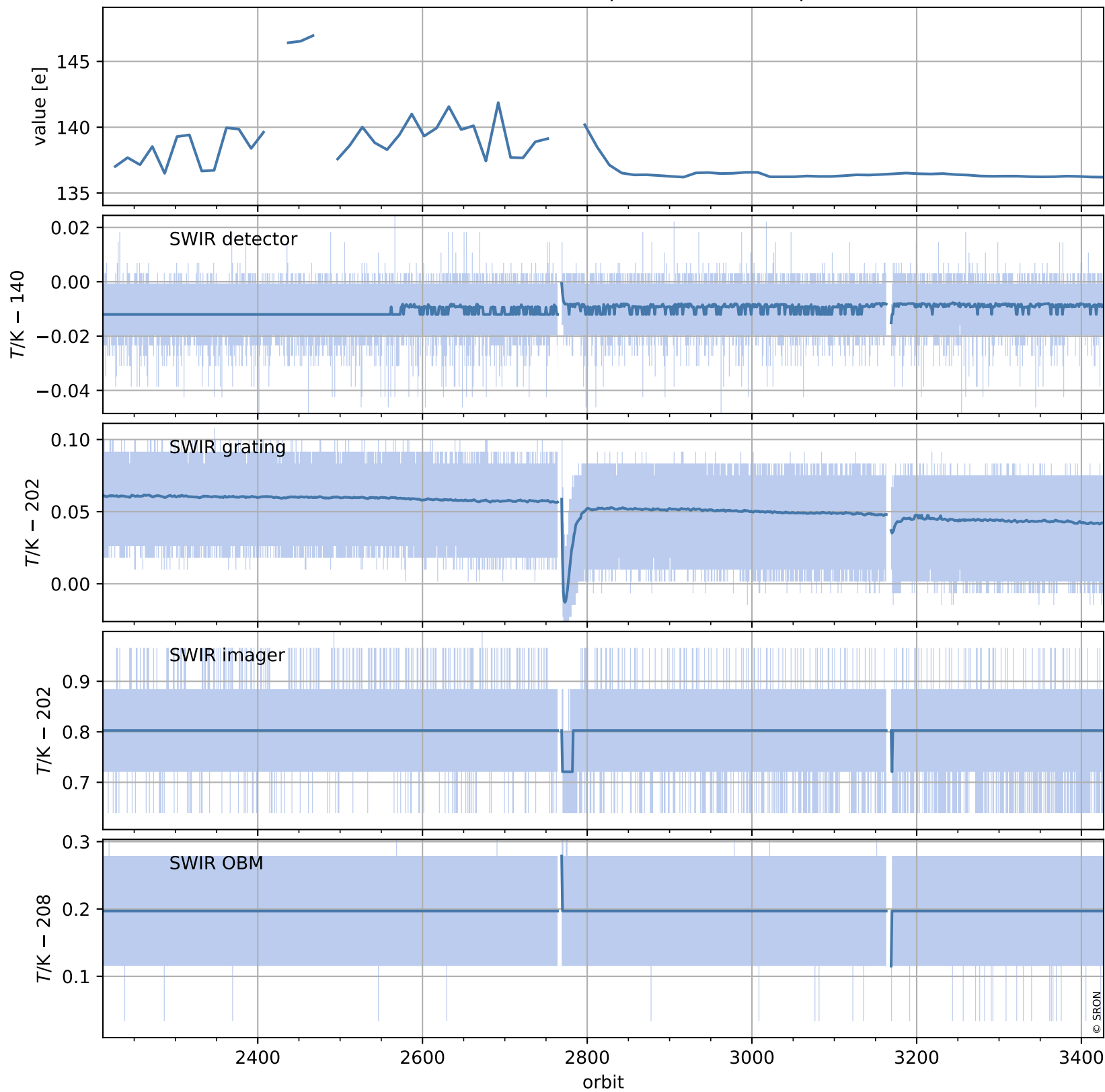
orbits : 12 in [3352, 3427]
coverage : 2018-06-06 / 2018-06-11
created : 2023-08-21T14:21:57



Tropomi SWIR background noise (swir)

orbits : [2212, 3427]
coverage : 2018-03-18 / 2018-06-11
created : 2023-08-21T14:21:57

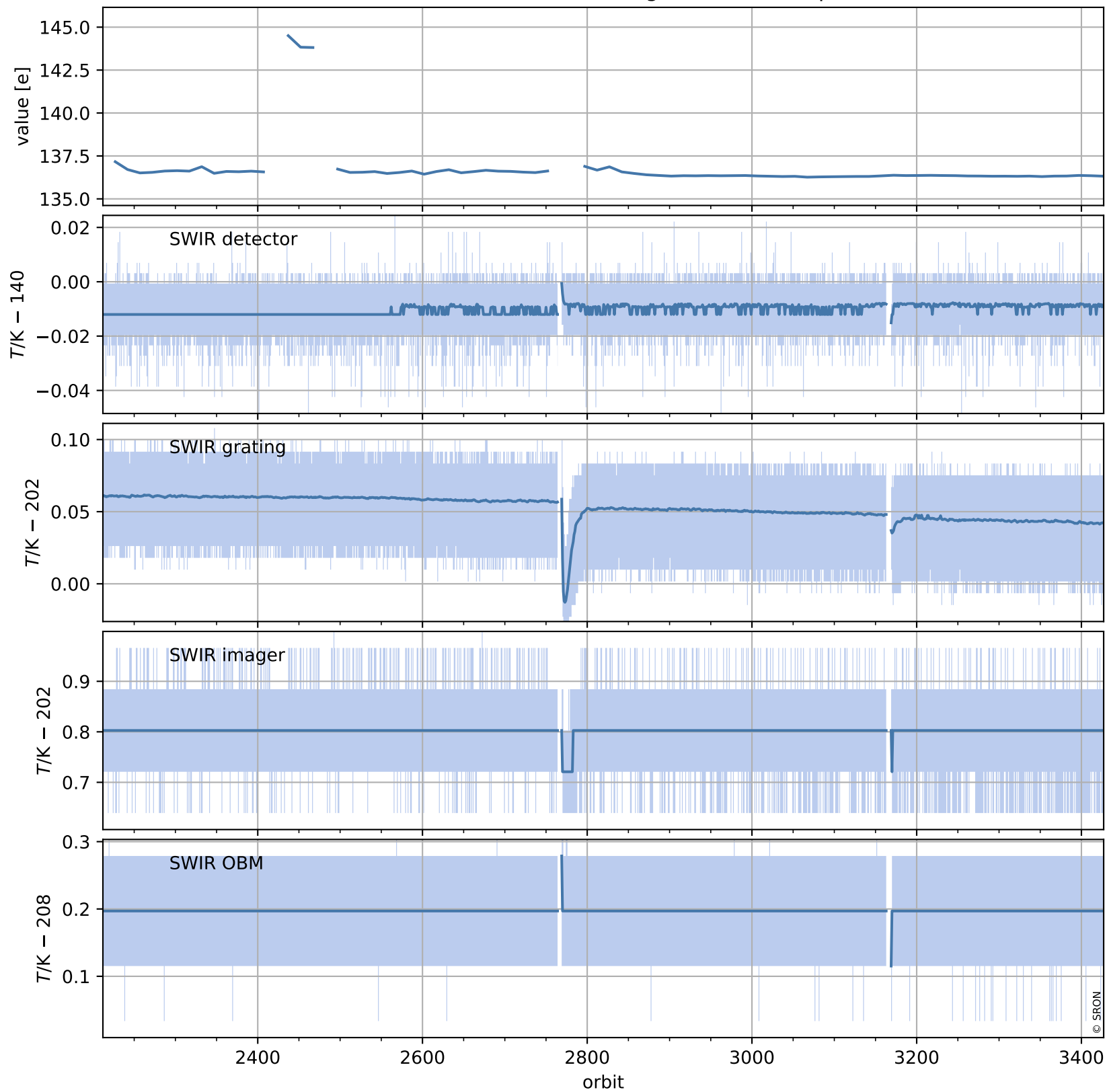
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3427]
coverage : 2018-03-18 / 2018-06-11
created : 2023-08-21T14:21:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3427]
coverage : 2018-03-18 / 2018-06-11
created : 2023-08-21T14:21:58

trend of normalized read-noise & temperatures

