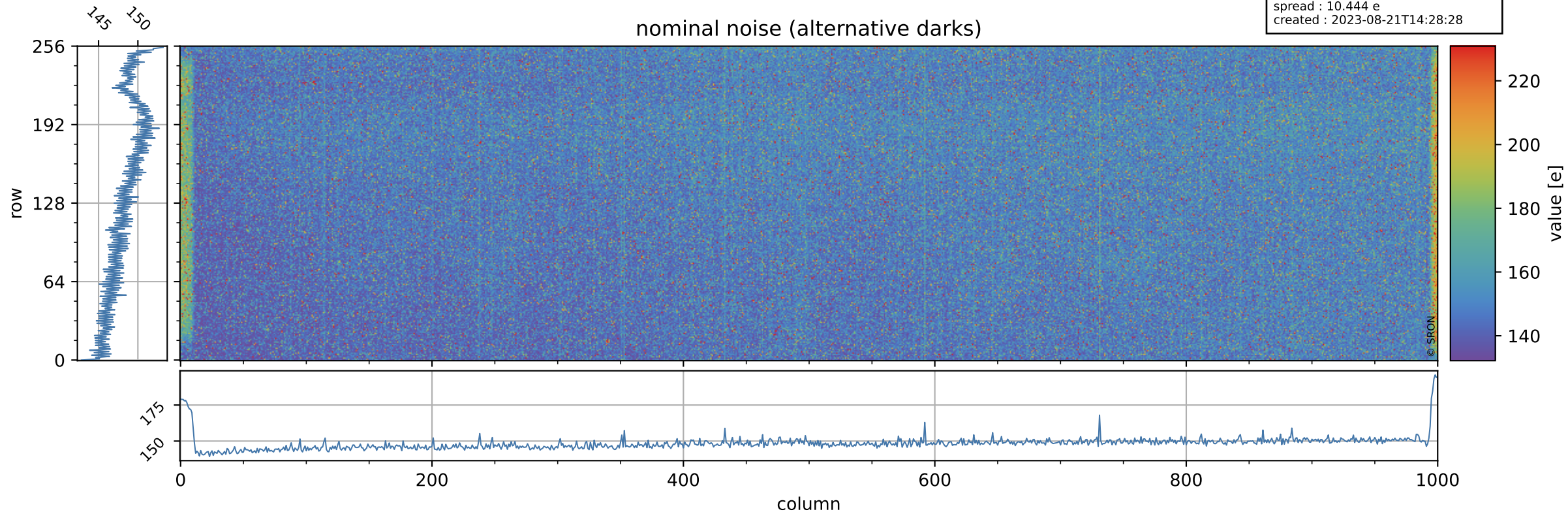


Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.444 e
created : 2023-08-21T14:28:28

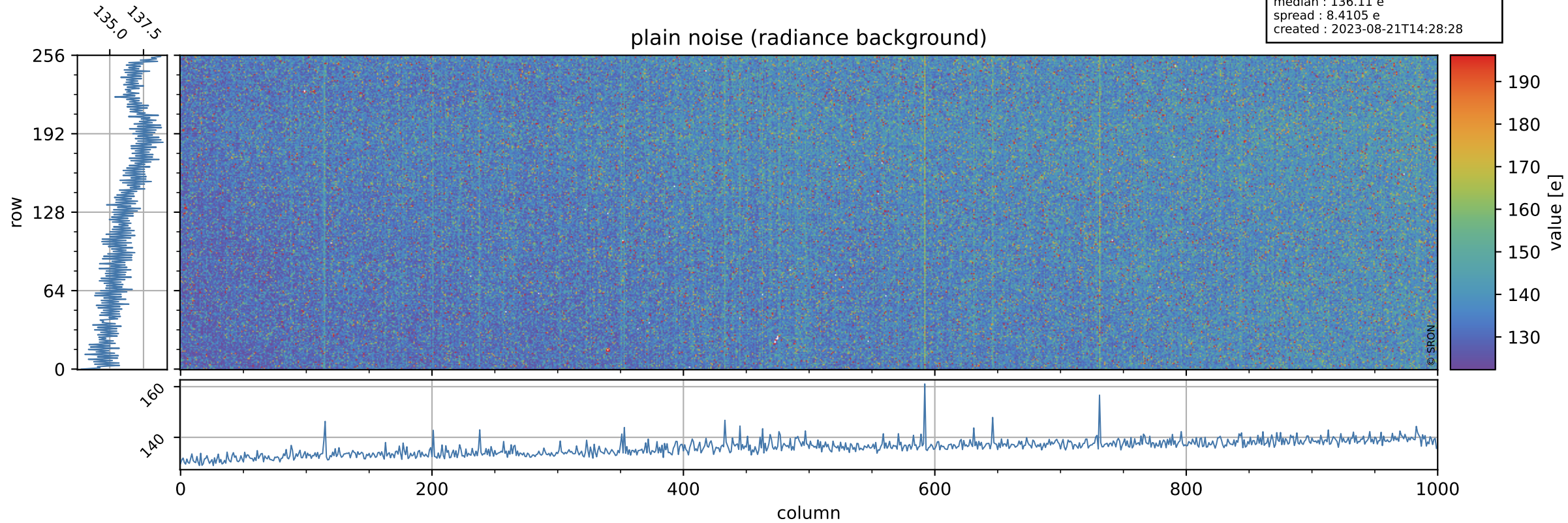
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.4105 e
created : 2023-08-21T14:28:28

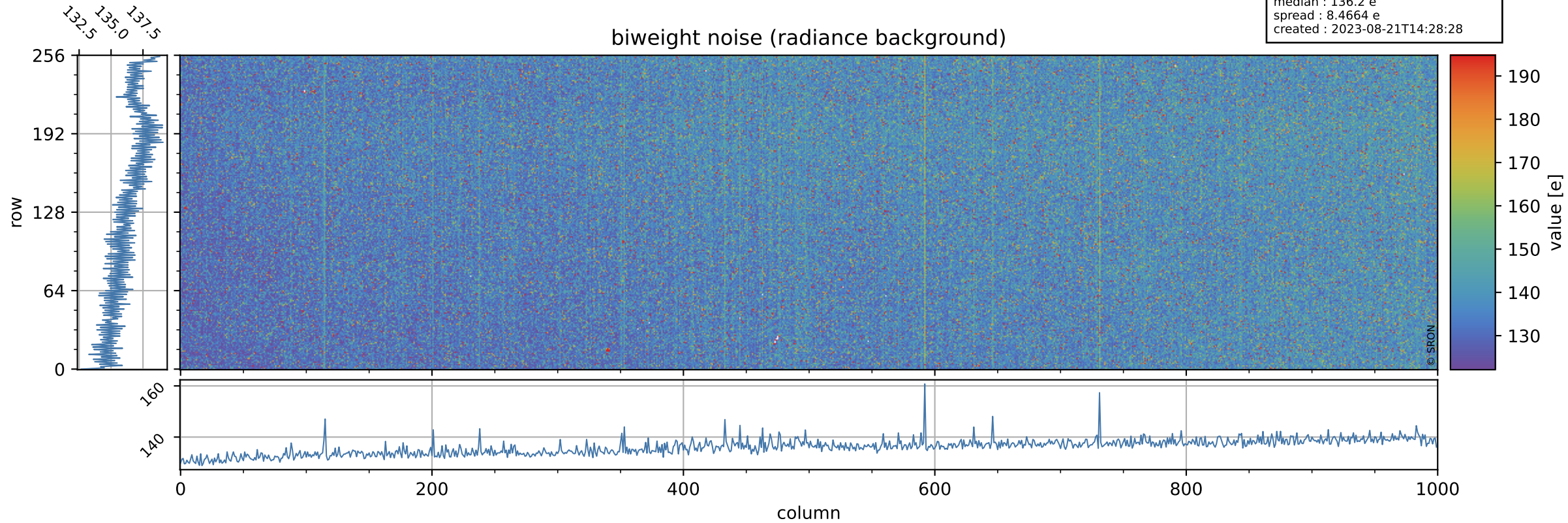
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4664 e
created : 2023-08-21T14:28:28

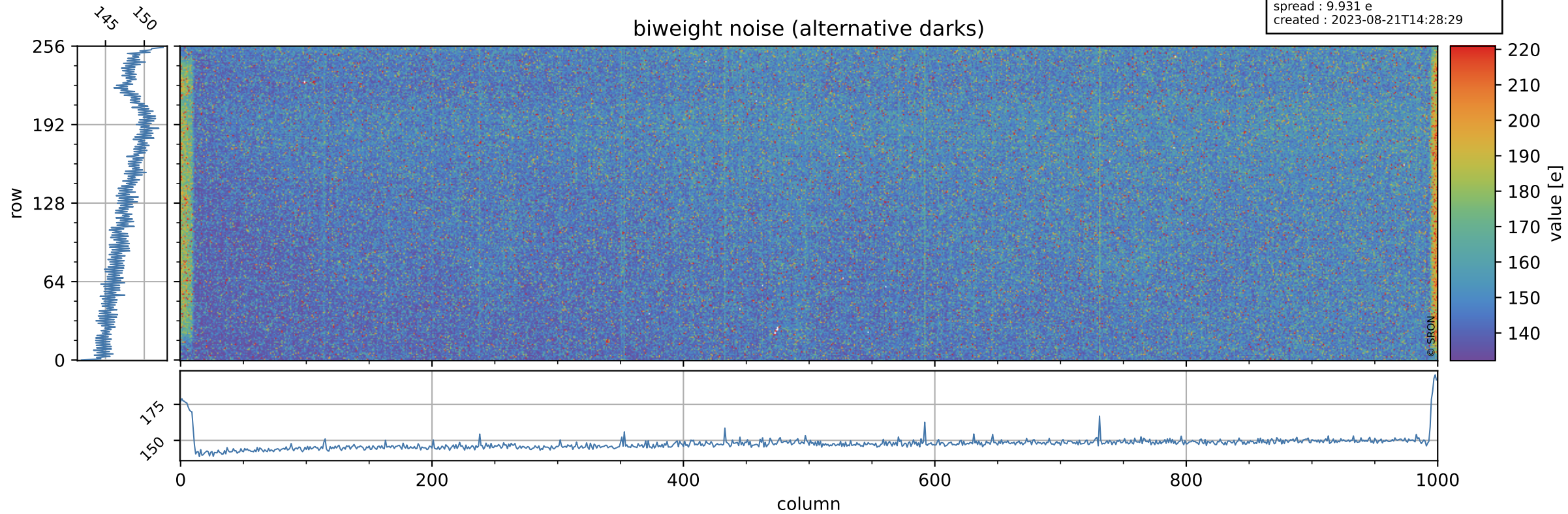
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.931 e
created : 2023-08-21T14:28:29

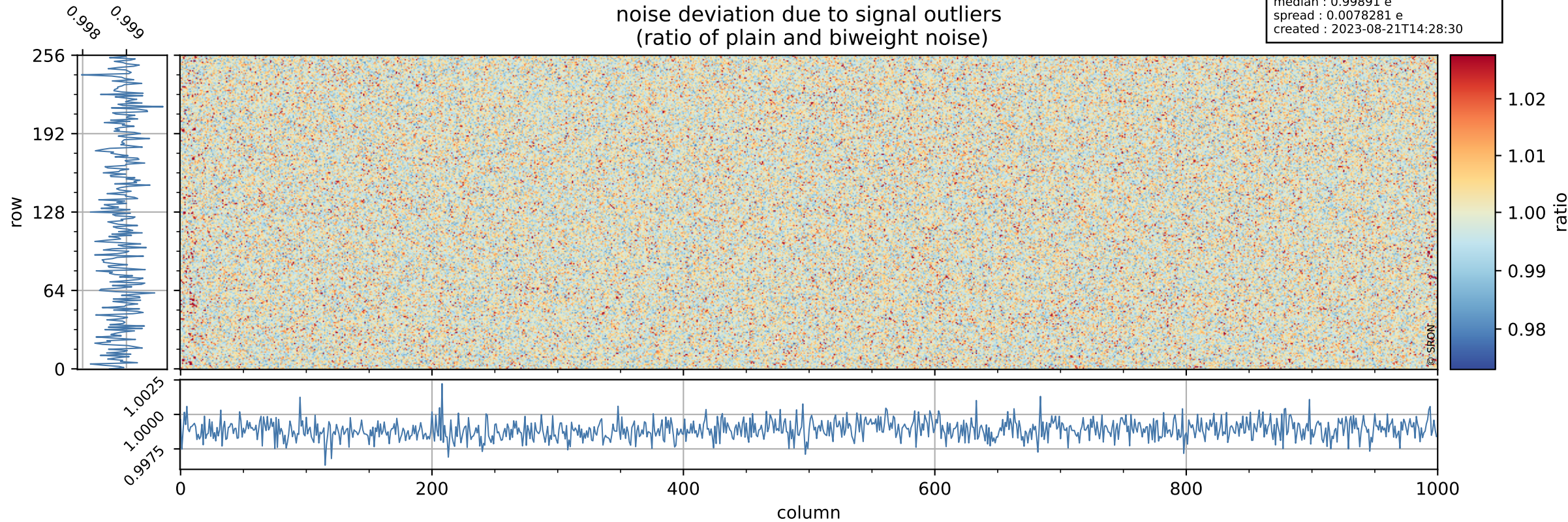
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

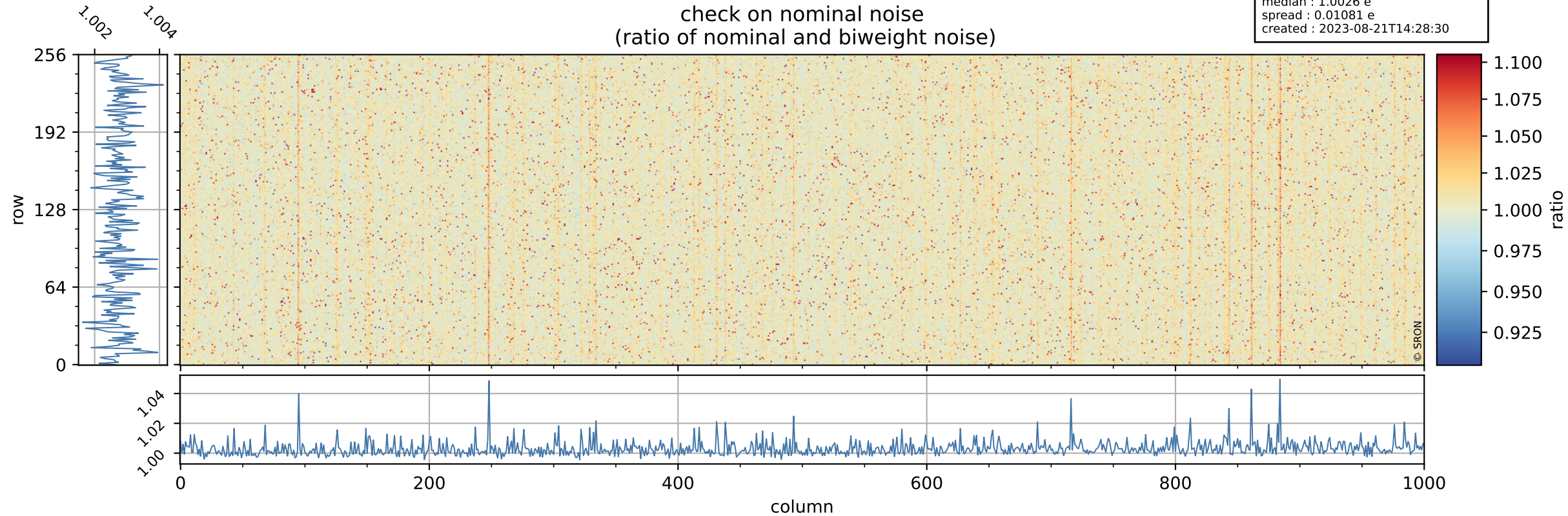
orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
median : 0.99891 e
spread : 0.0078281 e
created : 2023-08-21T14:28:30



Tropomi SWIR background noise (swir)

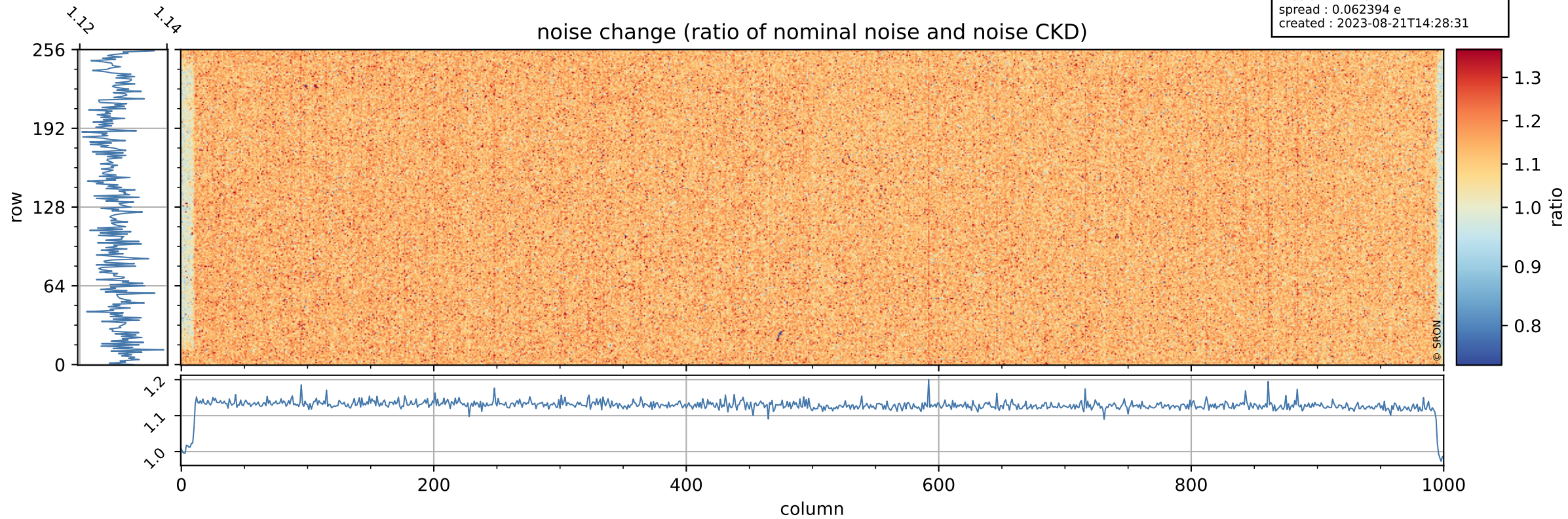
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
median : 1.0026 e
spread : 0.01081 e
created : 2023-08-21T14:28:30



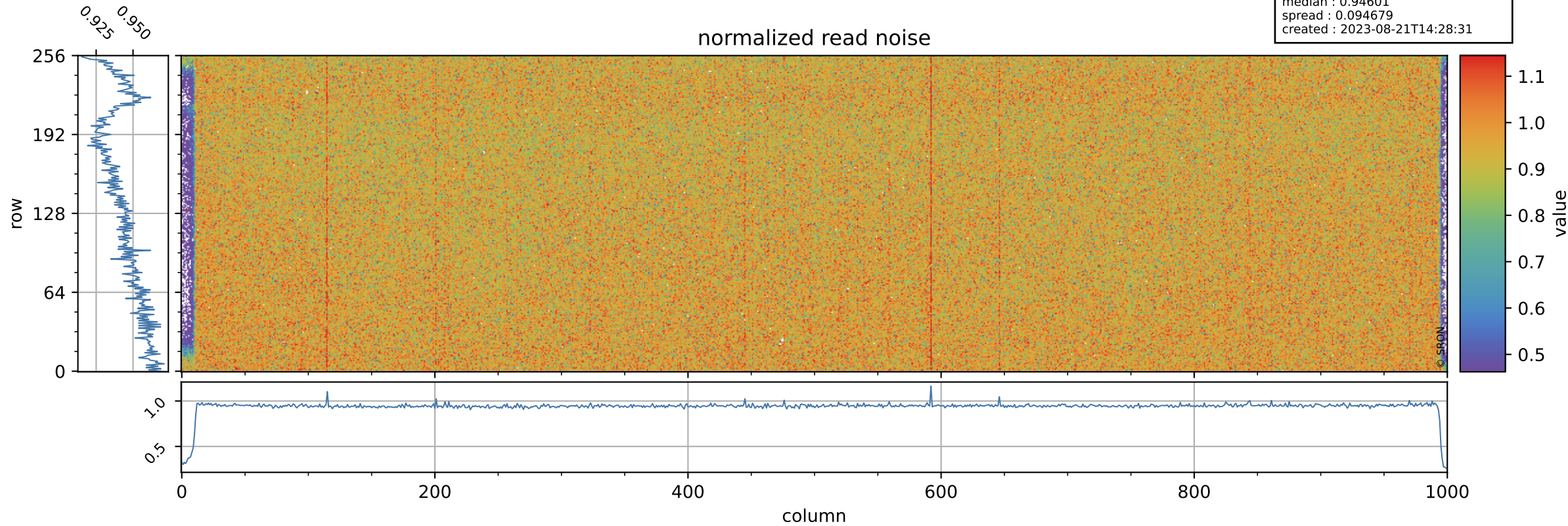
Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
median : 1.128 e
spread : 0.062394 e
created : 2023-08-21T14:28:31



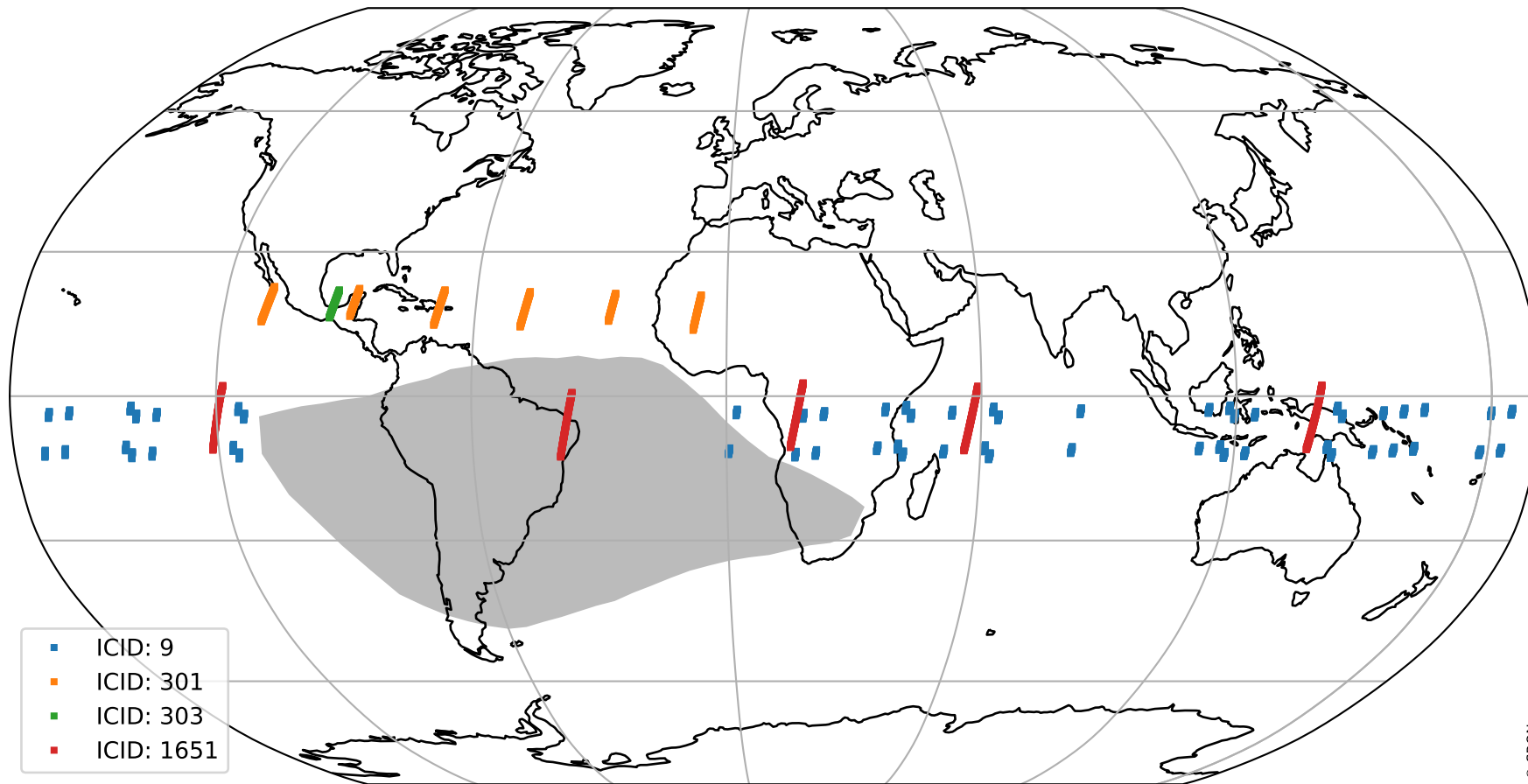
Tropomi SWIR background noise (swir)

orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
median : 0.94601
spread : 0.094679
created : 2023-08-21T14:28:31



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

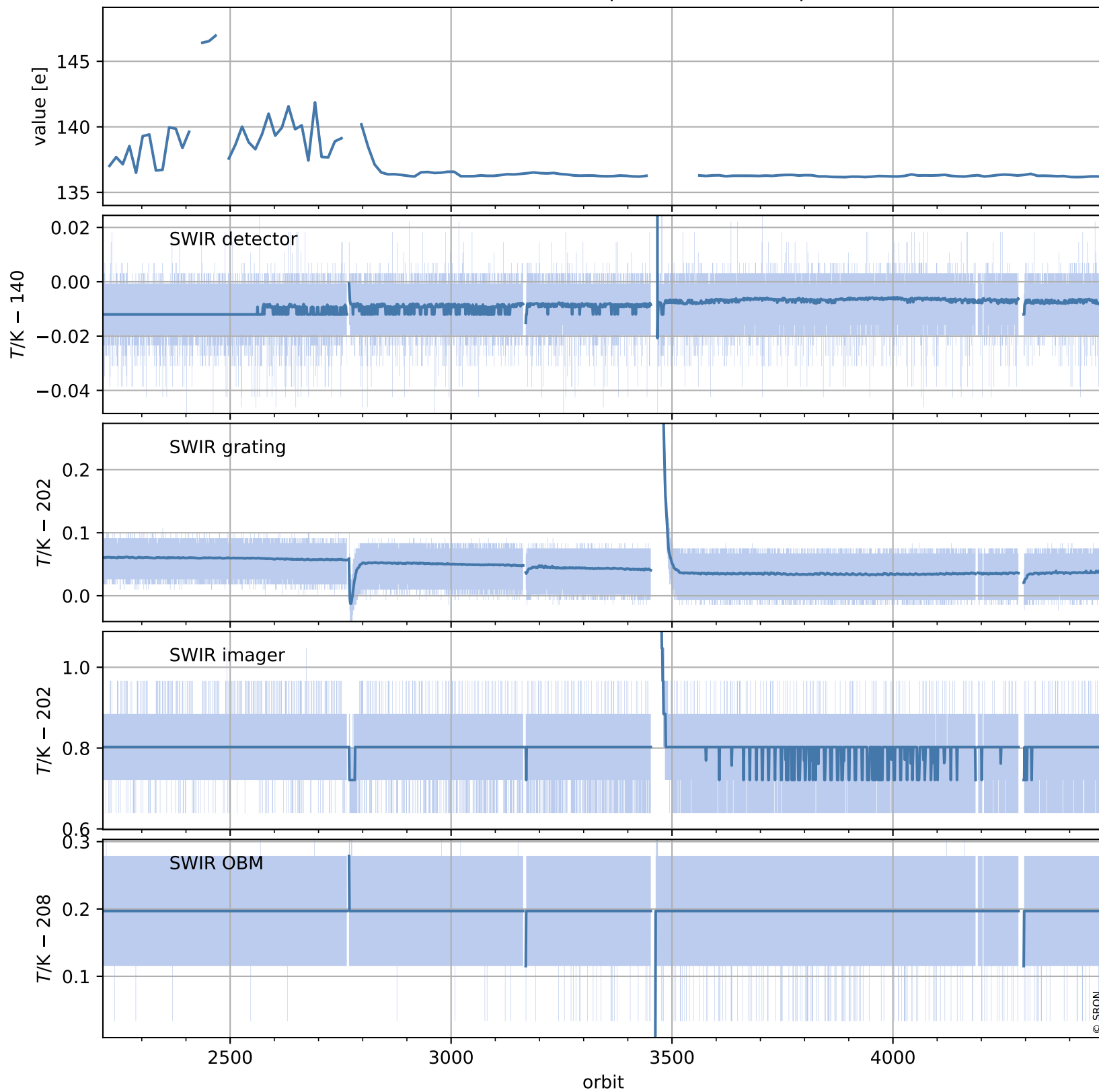
orbits : 12 in [4387, 4477]
coverage : 2018-08-19 / 2018-08-25
created : 2023-08-21T14:28:32



Tropomi SWIR background noise (swir)

orbits : [2212, 4477]
coverage : 2018-03-18 / 2018-08-25
created : 2023-08-21T14:28:32

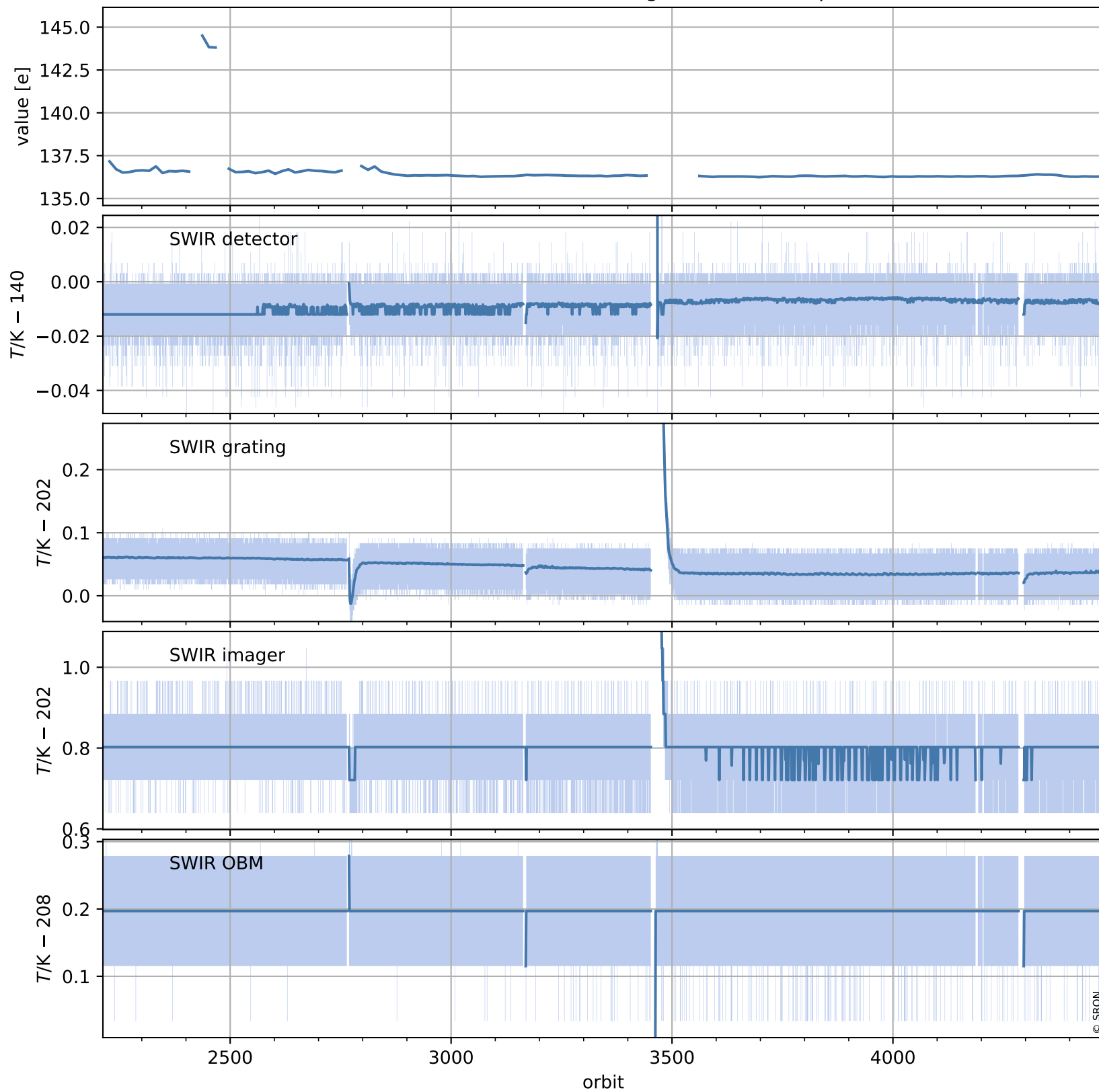
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4477]
coverage : 2018-03-18 / 2018-08-25
created : 2023-08-21T14:28:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4477]
coverage : 2018-03-18 / 2018-08-25
created : 2023-08-21T14:28:33

trend of normalized read-noise & temperatures

