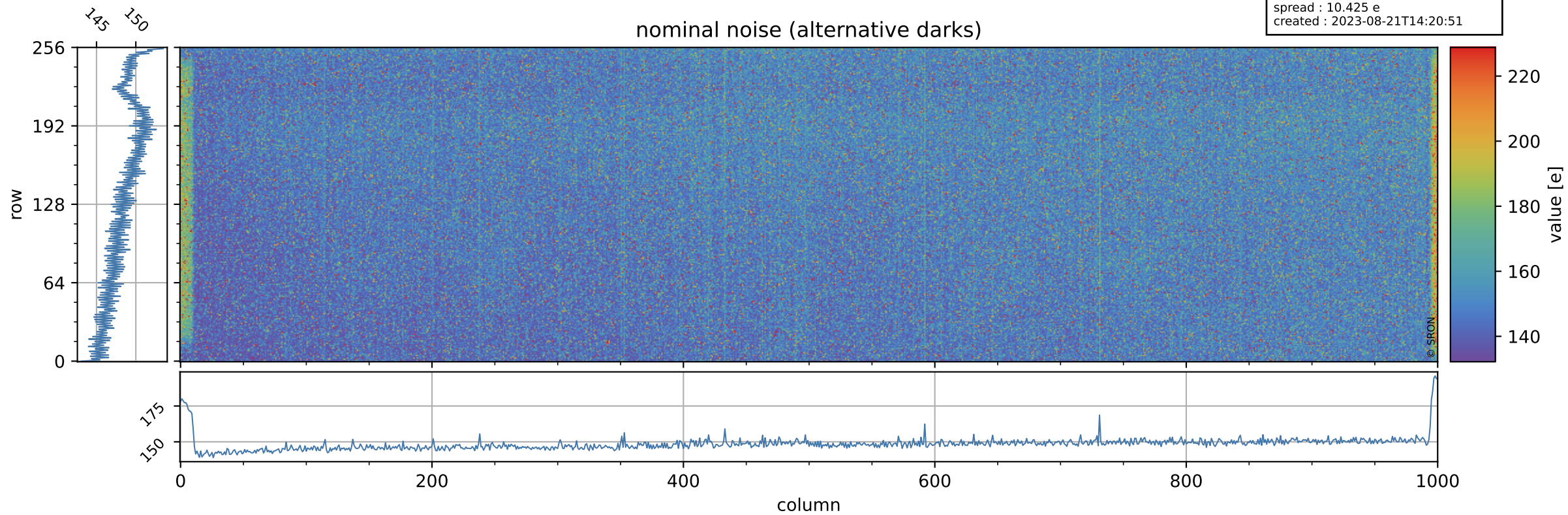


Tropomi SWIR background noise (swir)

orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.425 e
created : 2023-08-21T14:20:51

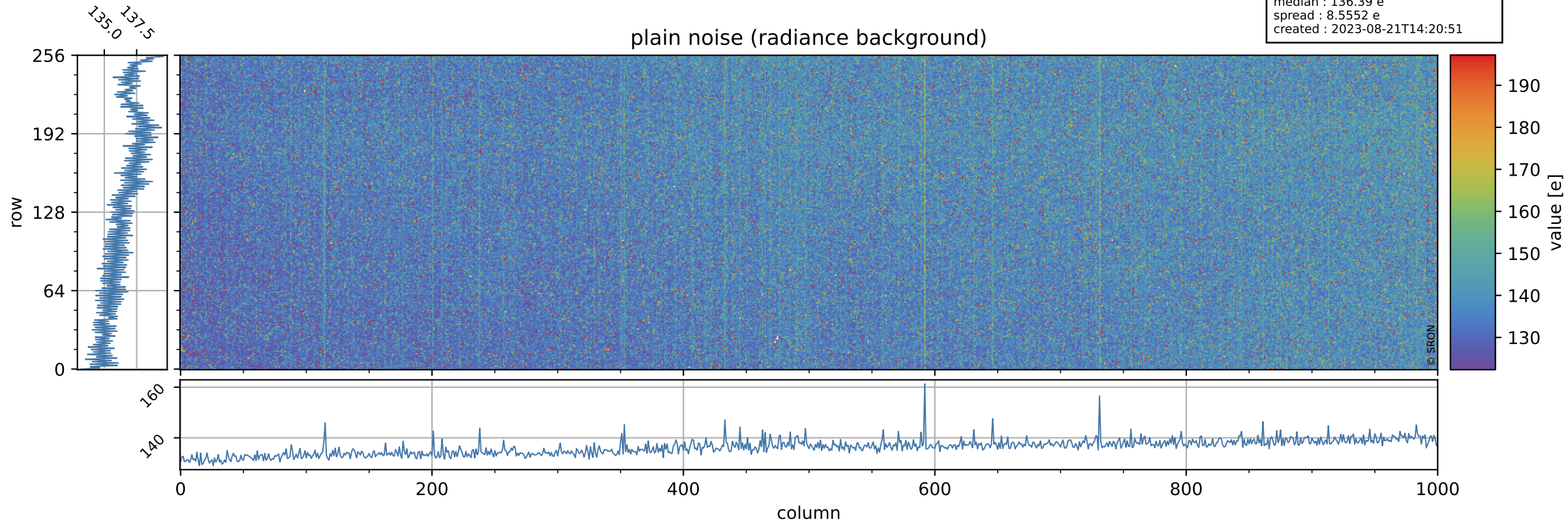
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
n_coad, t_exp : 2, 0.5383
median : 136.39 e
spread : 8.5552 e
created : 2023-08-21T14:20:51

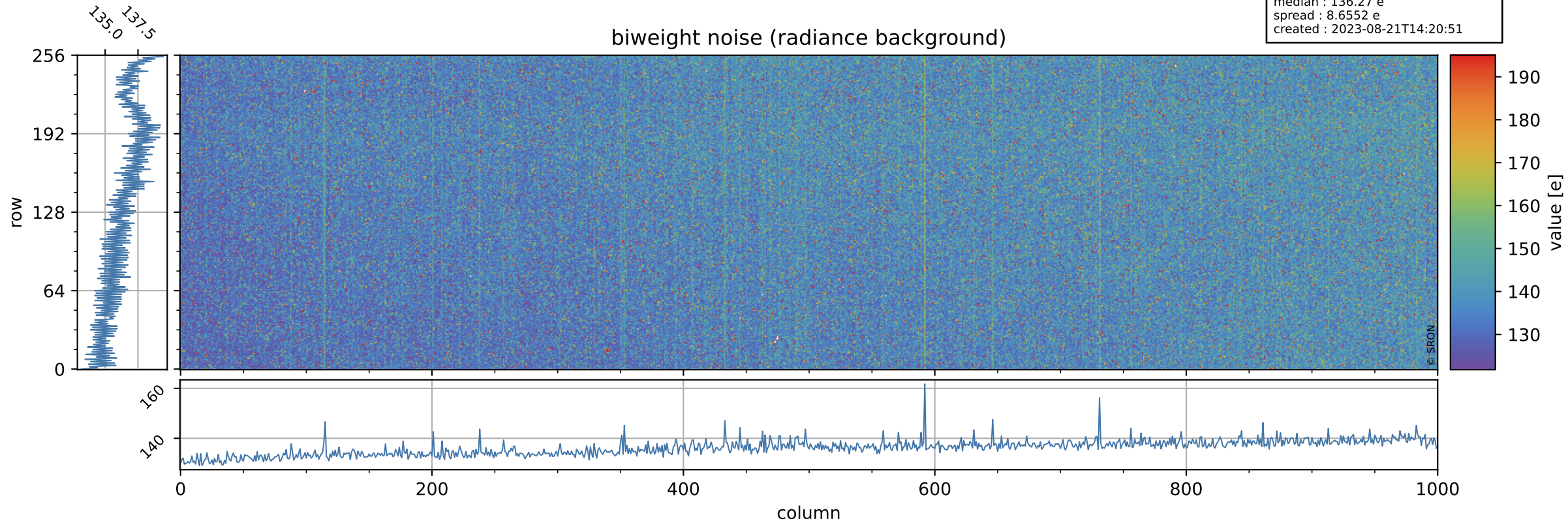
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6552 e
created : 2023-08-21T14:20:51

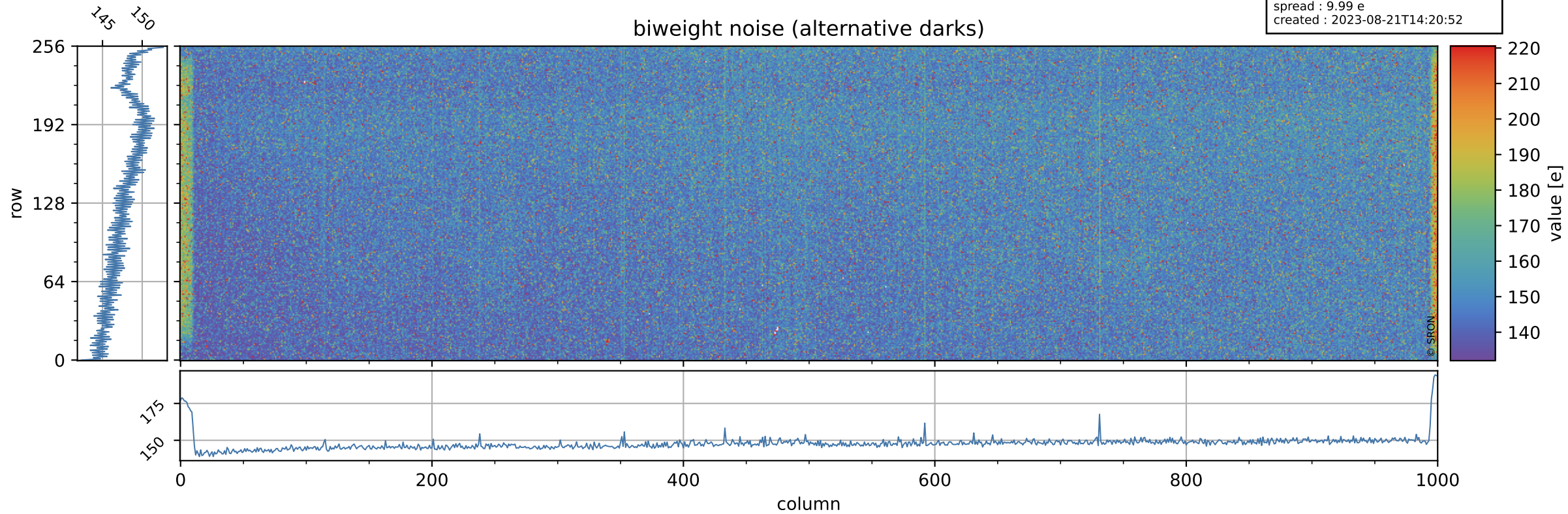
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.99 e
created : 2023-08-21T14:20:52

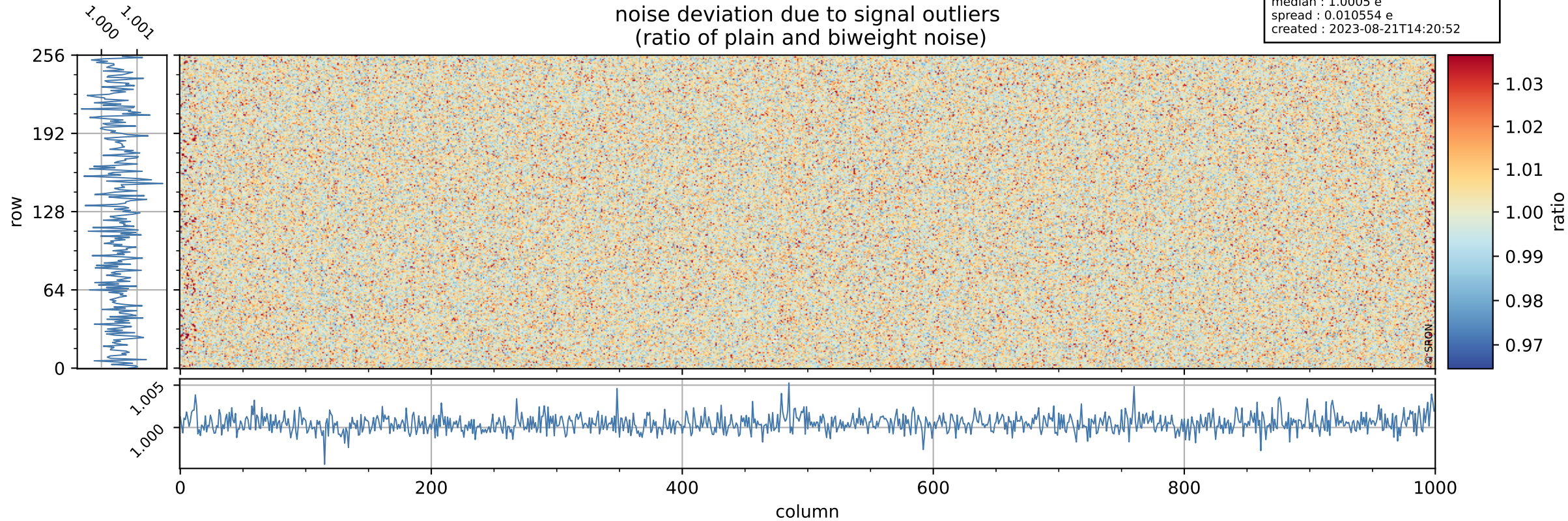
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

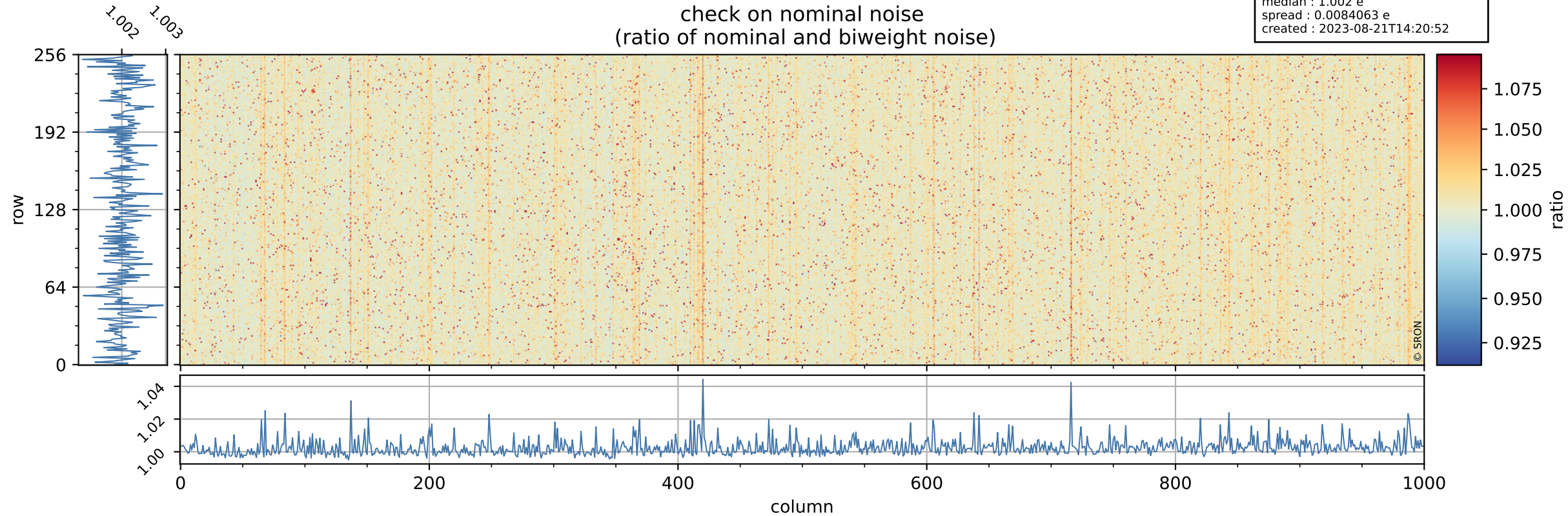
orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
median : 1.0005 e
spread : 0.010554 e
created : 2023-08-21T14:20:52



Tropomi SWIR background noise (swir)

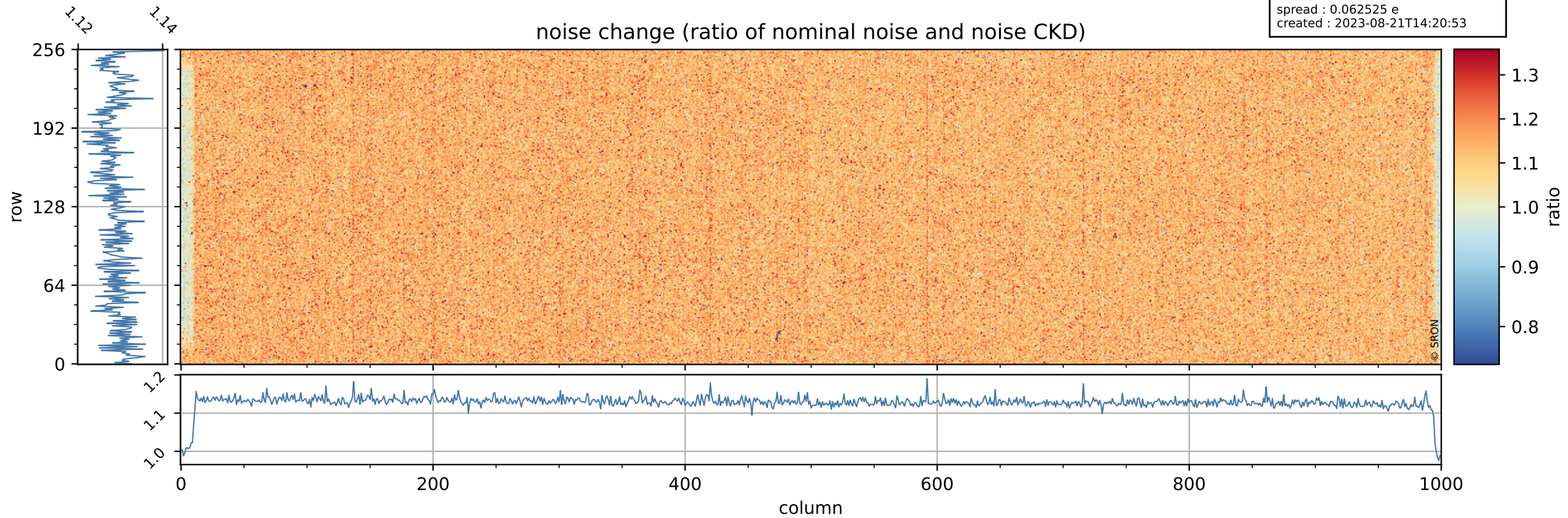
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
median : 1.002 e
spread : 0.0084063 e
created : 2023-08-21T14:20:52



Tropomi SWIR background noise (swir)

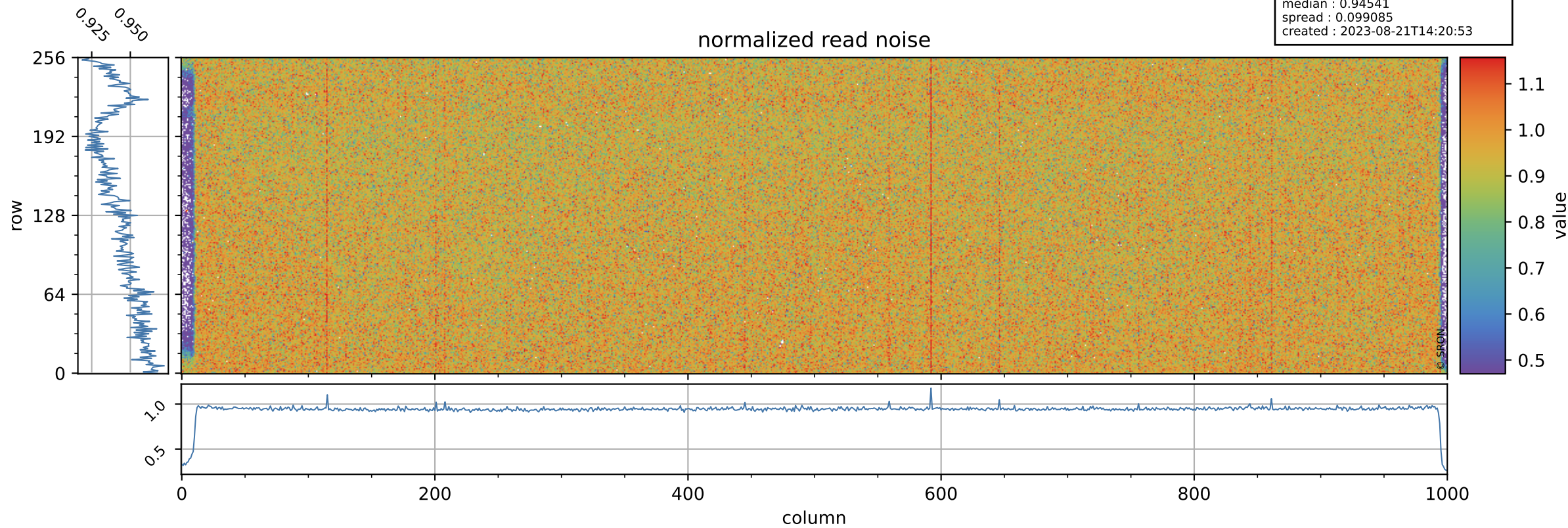
orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
median : 1.1285 e
spread : 0.062525 e
created : 2023-08-21T14:20:53



Tropomi SWIR background noise (swir)

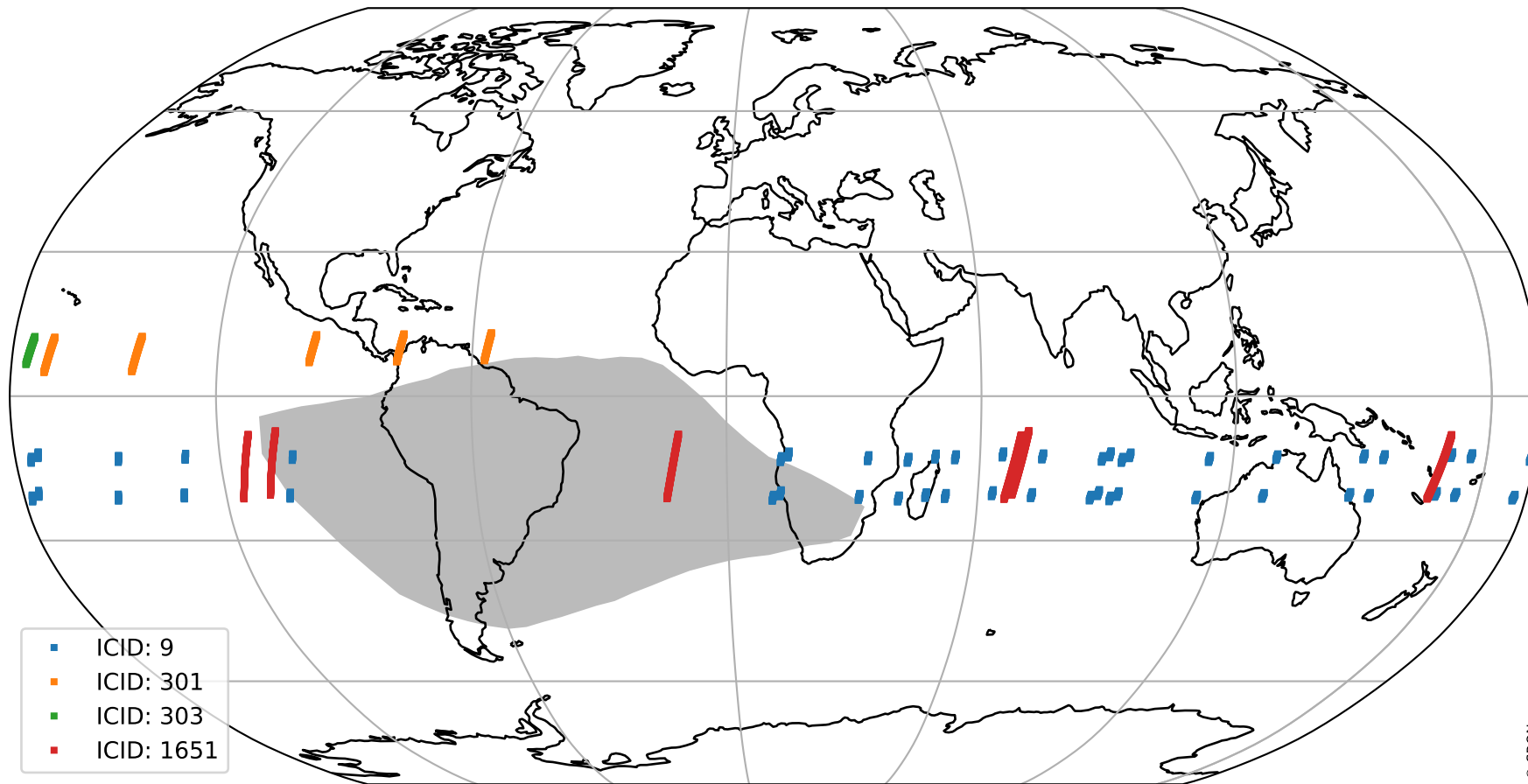
orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
median : 0.94541
spread : 0.099085
created : 2023-08-21T14:20:53

normalized read noise



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

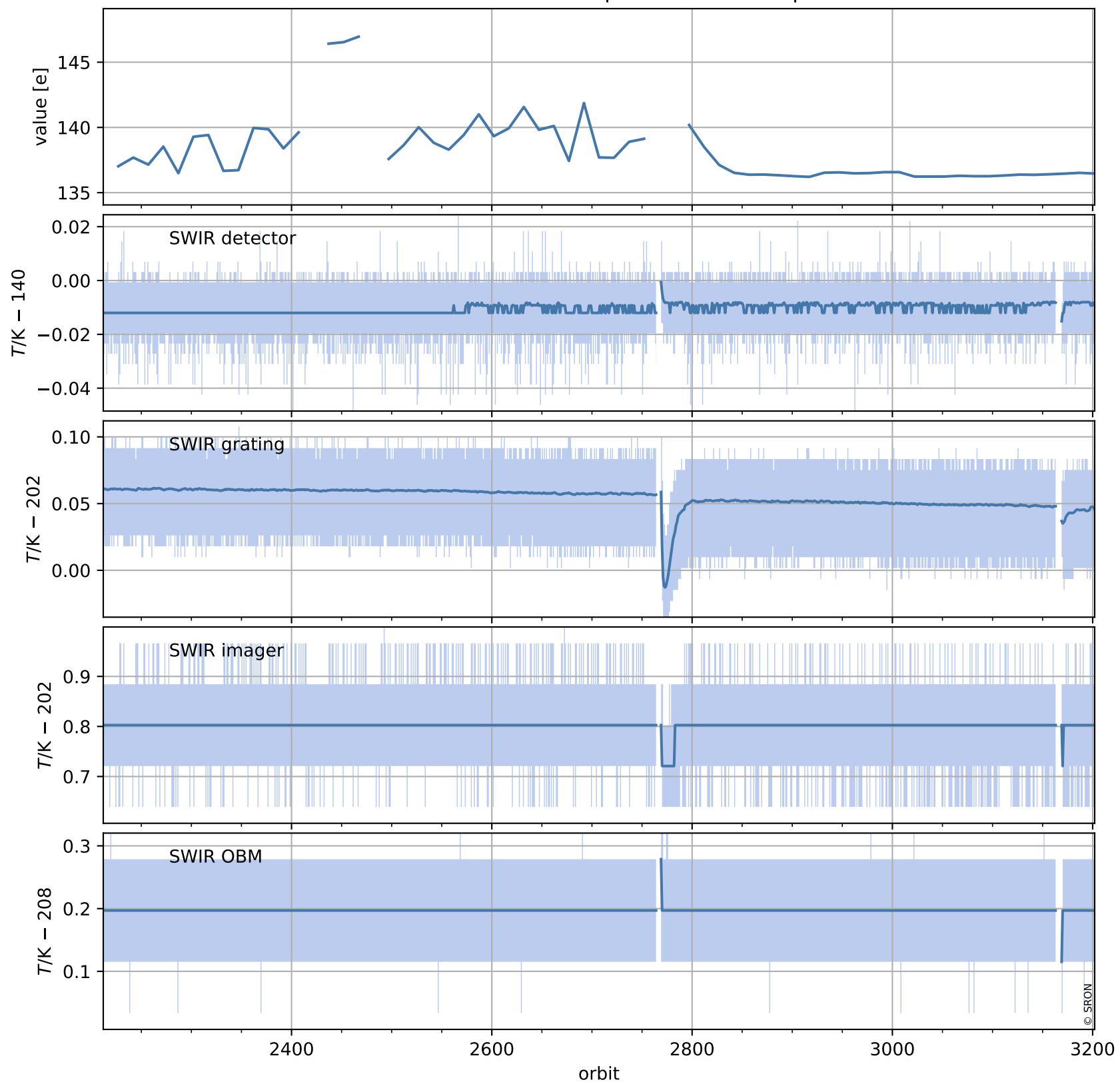
orbits : 12 in [3112, 3202]
coverage : 2018-05-21 / 2018-05-26
created : 2023-08-21T14:20:53



Tropomi SWIR background noise (swir)

orbits : [2212, 3202]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:53

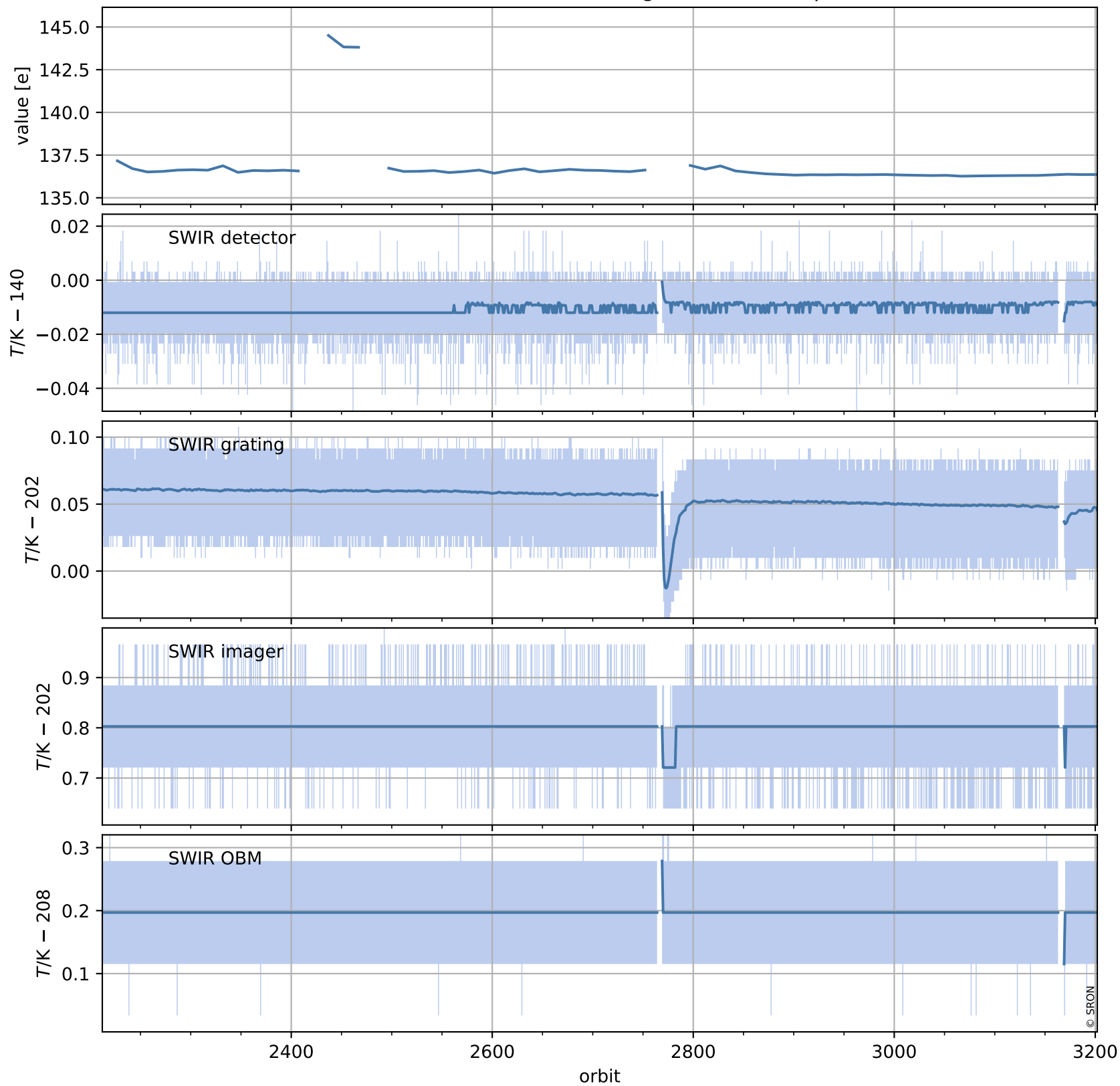
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3202]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3202]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:54

trend of normalized read-noise & temperatures

