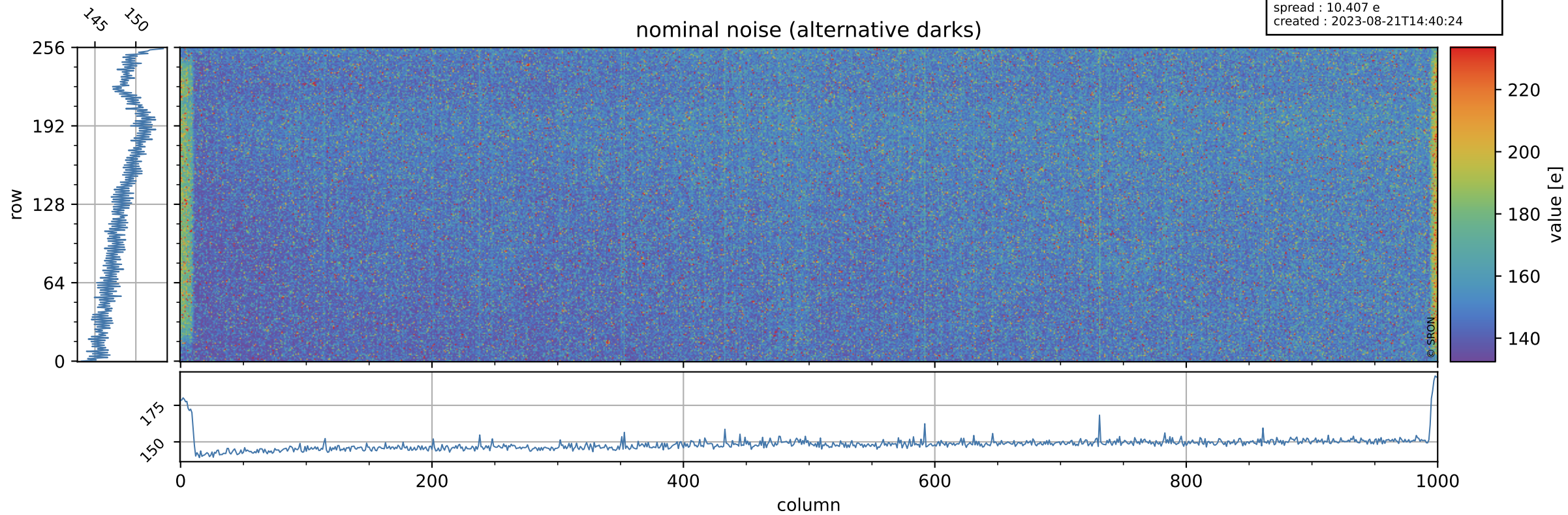


Tropomi SWIR background noise (swir)

orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.407 e
created : 2023-08-21T14:40:24

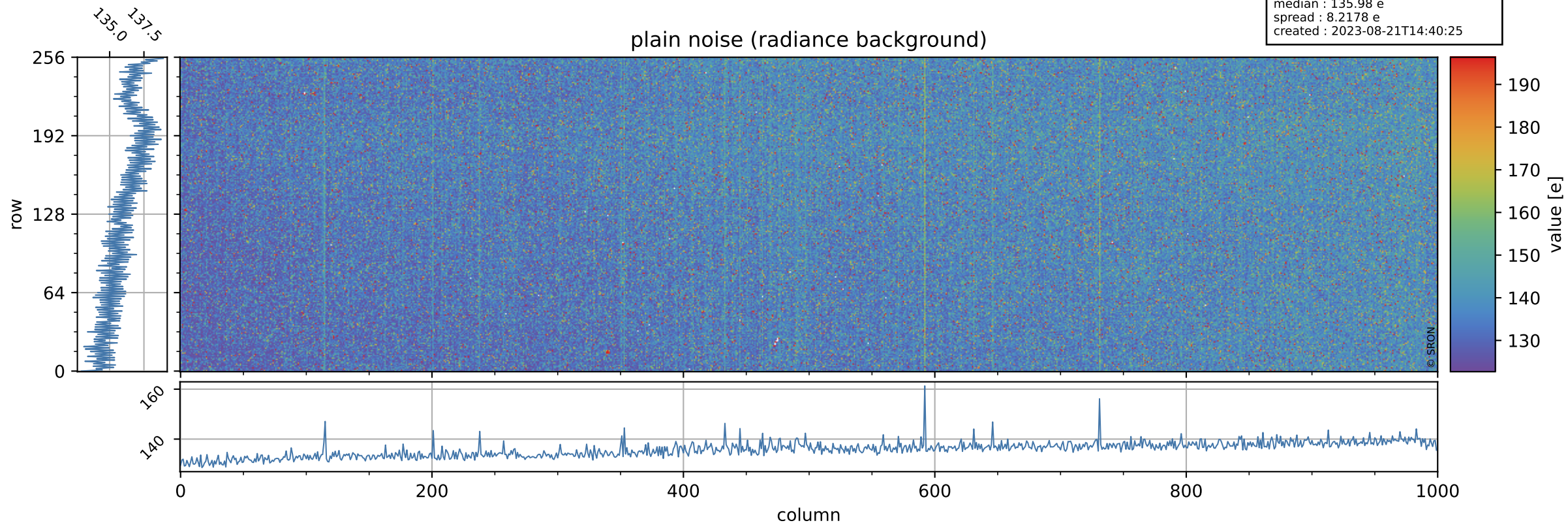
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2178 e
created : 2023-08-21T14:40:25

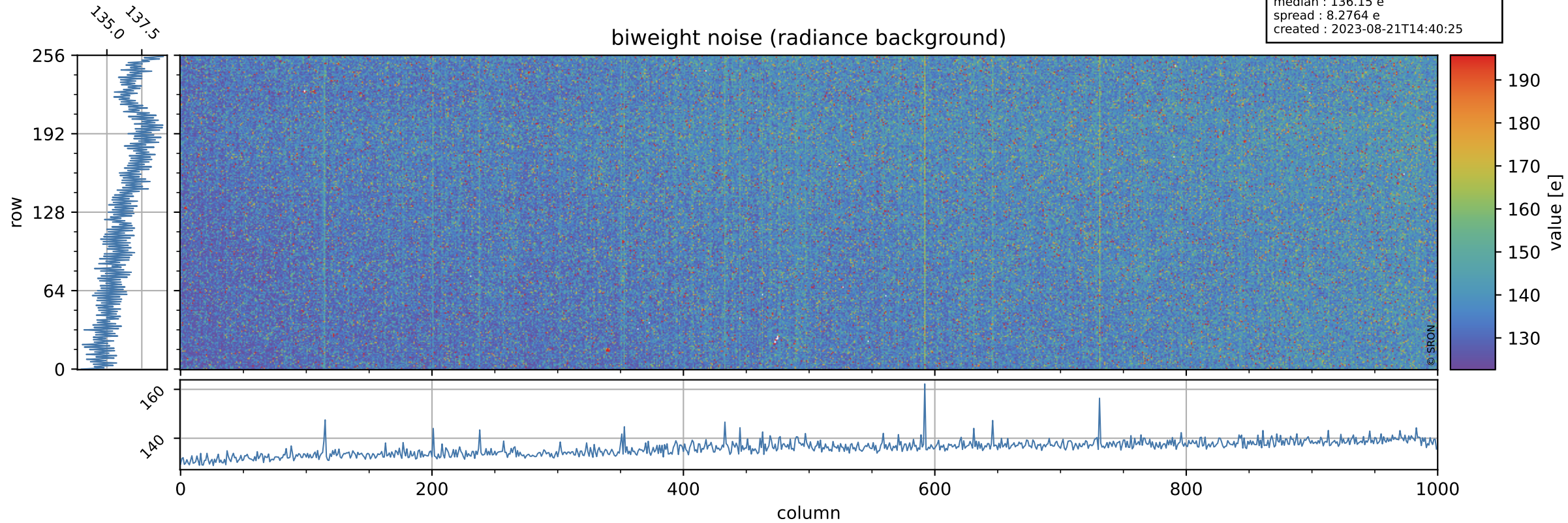
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2764 e
created : 2023-08-21T14:40:25

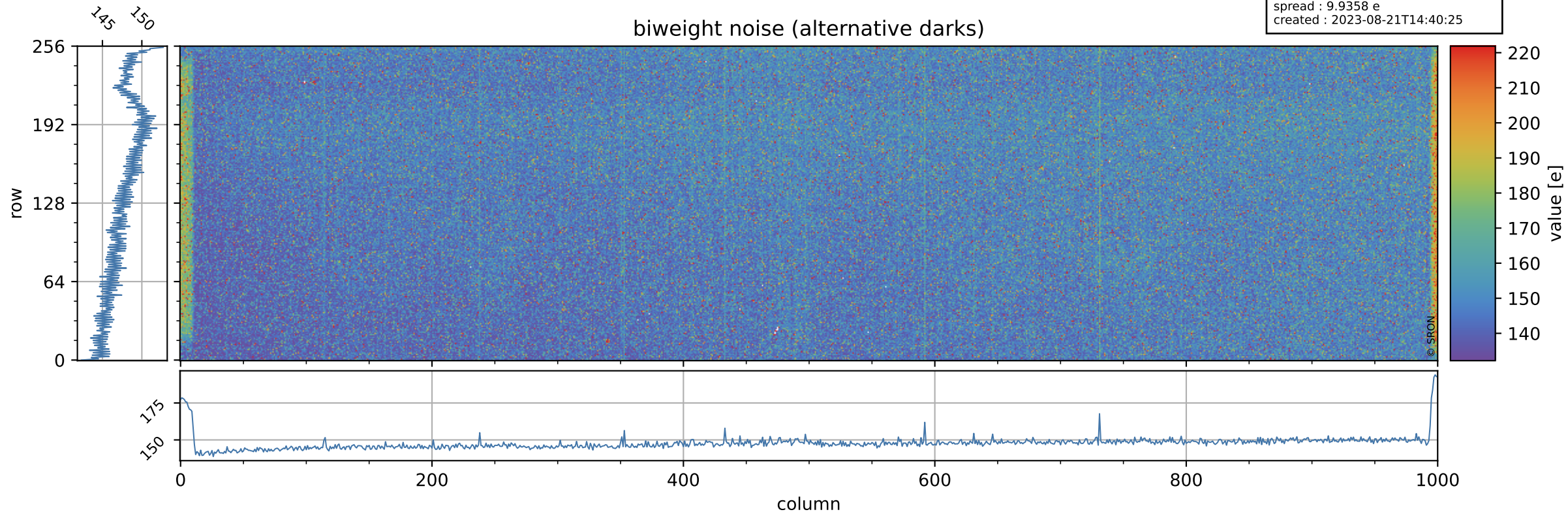
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9358 e
created : 2023-08-21T14:40:25

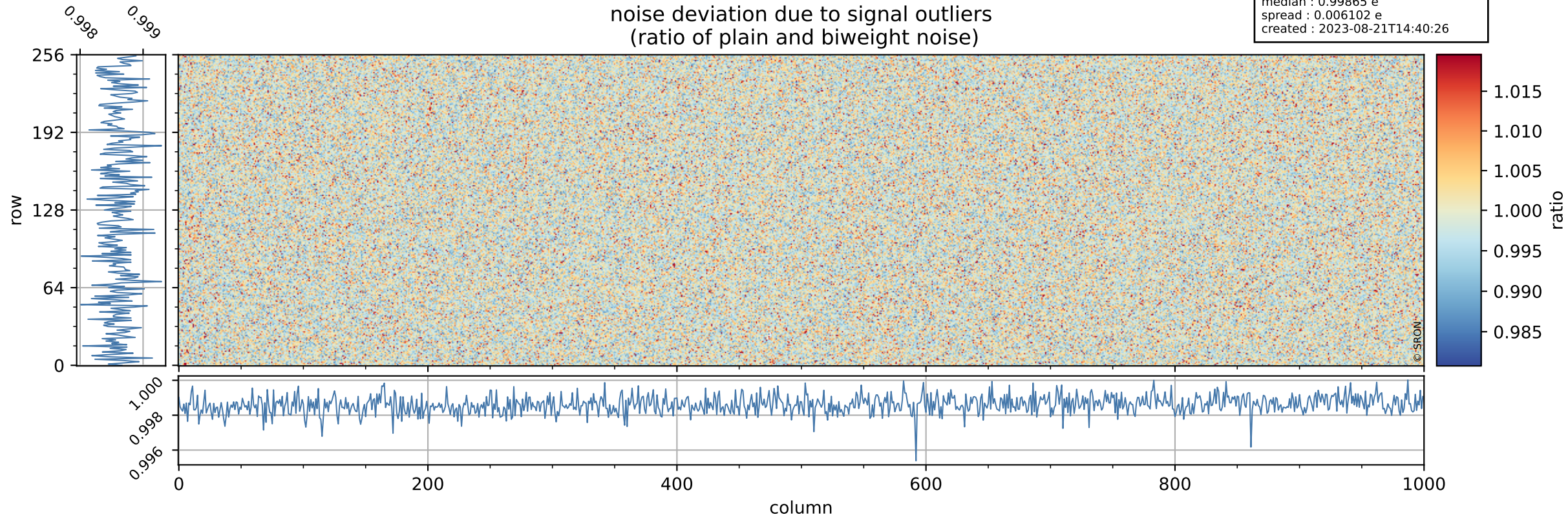
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

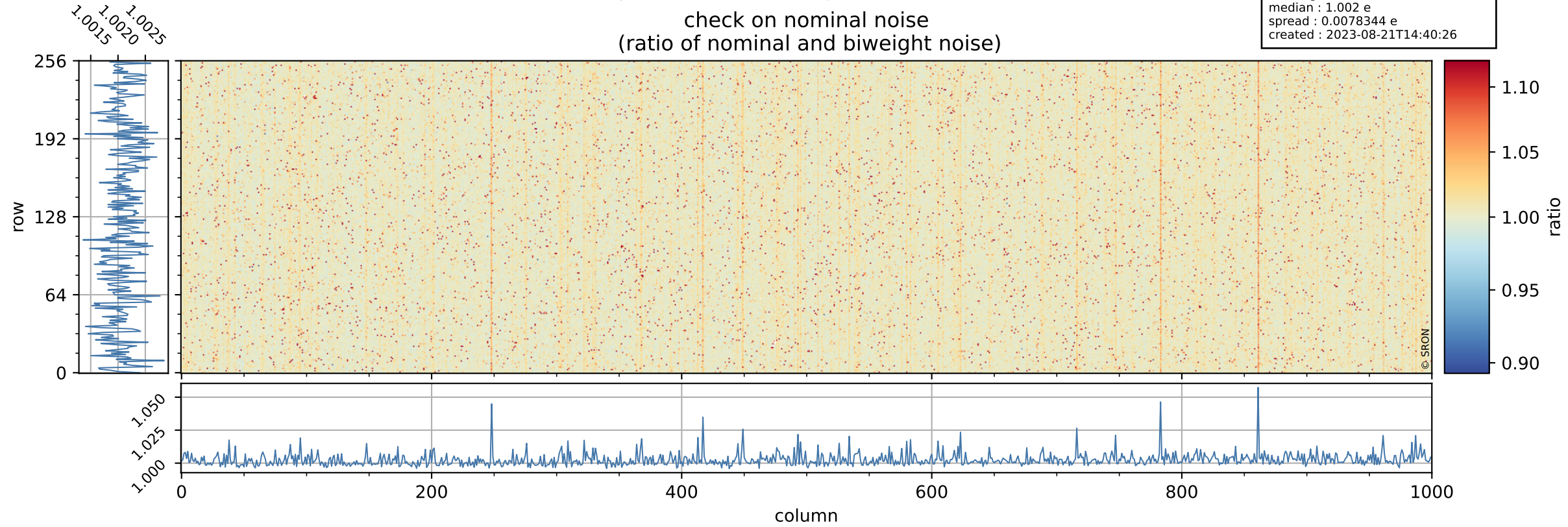
orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
median : 0.99865 e
spread : 0.006102 e
created : 2023-08-21T14:40:26



Tropomi SWIR background noise (swir)

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

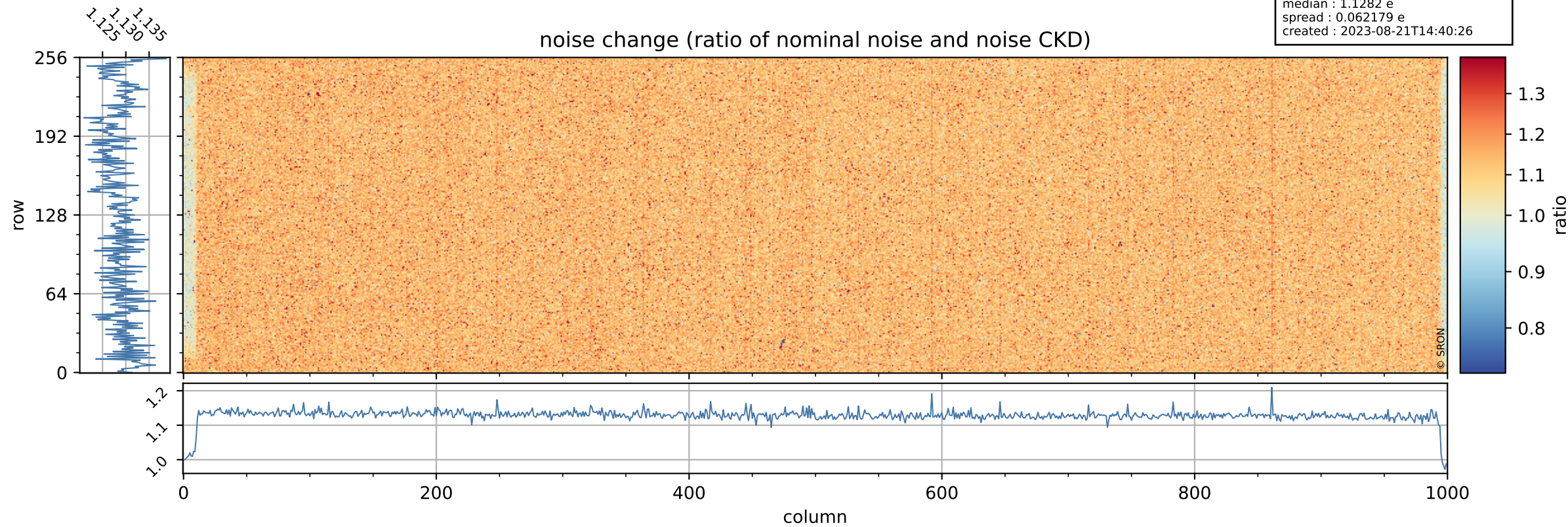
orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
median : 1.002 e
spread : 0.0078344 e
created : 2023-08-21T14:40:26



Tropomi SWIR background noise (swir)

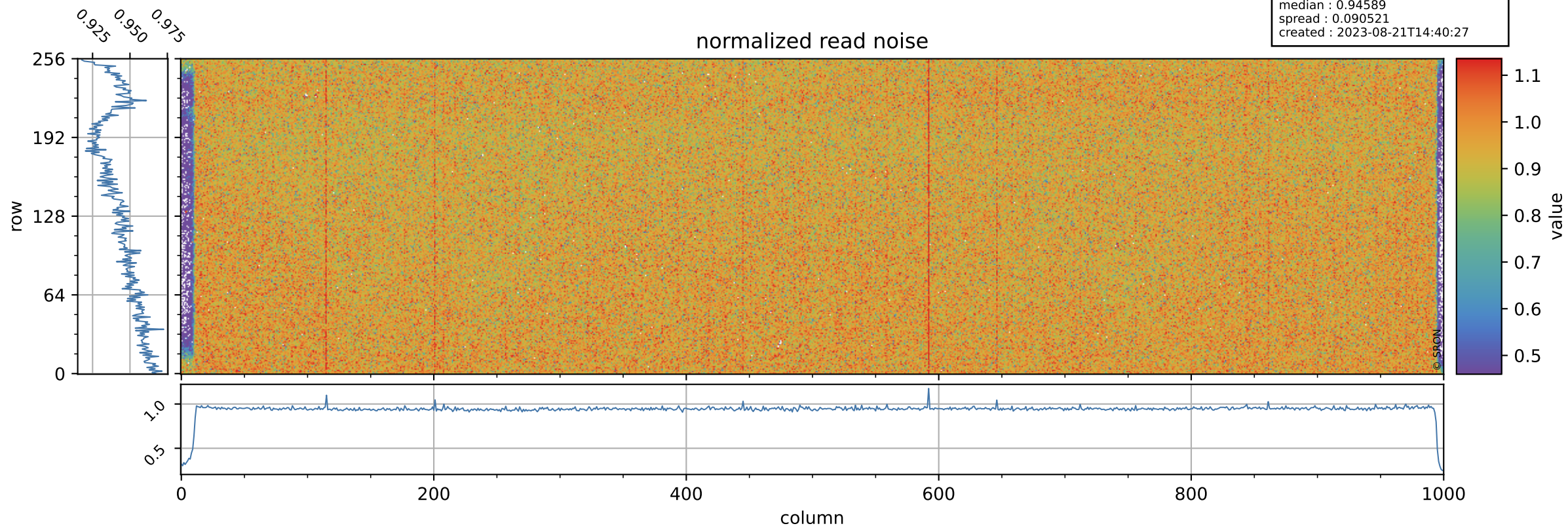
orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
median : 1.1282 e
spread : 0.062179 e
created : 2023-08-21T14:40:26

noise change (ratio of nominal noise and noise CKD)



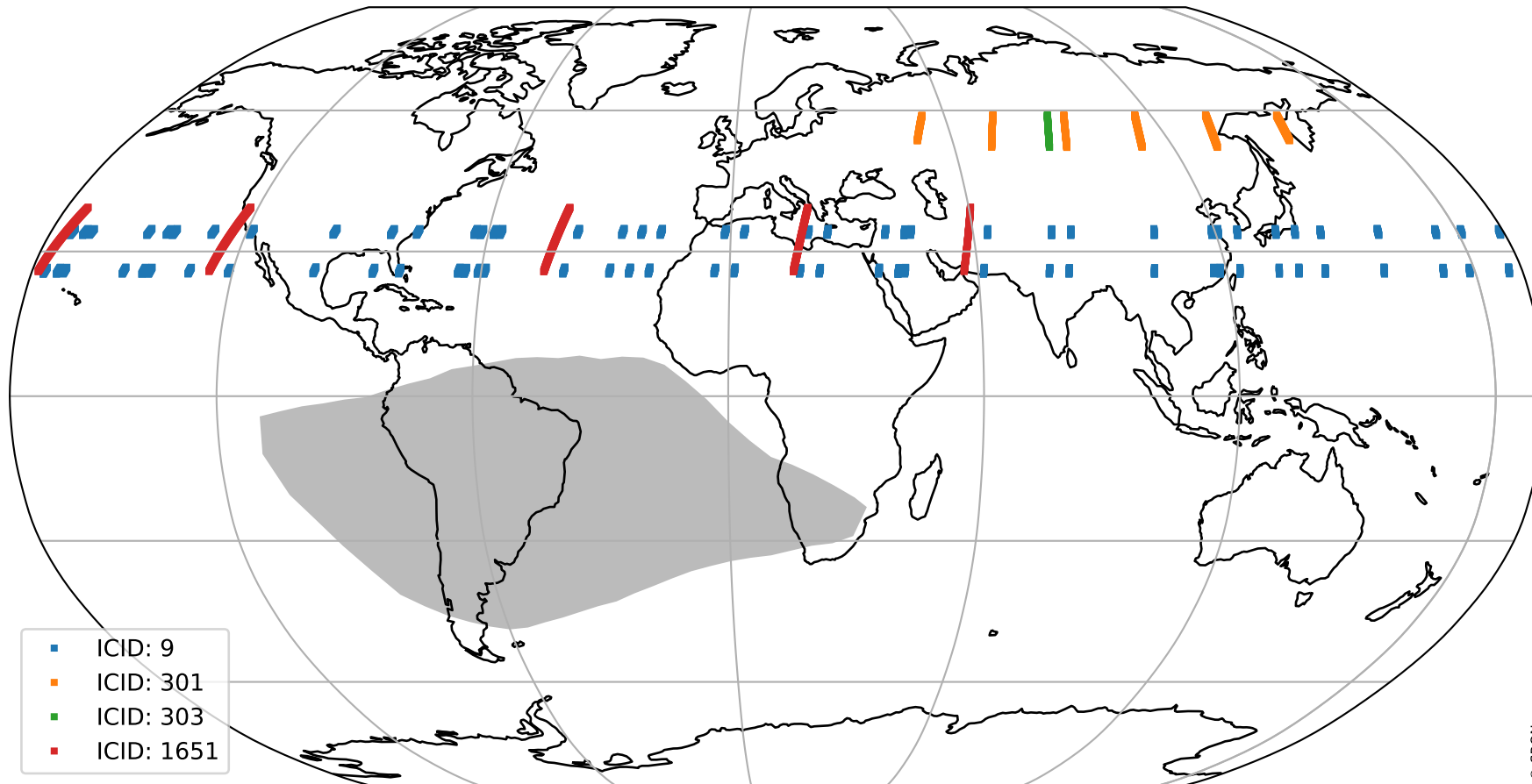
Tropomi SWIR background noise (swir)

orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
median : 0.94589
spread : 0.090521
created : 2023-08-21T14:40:27



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

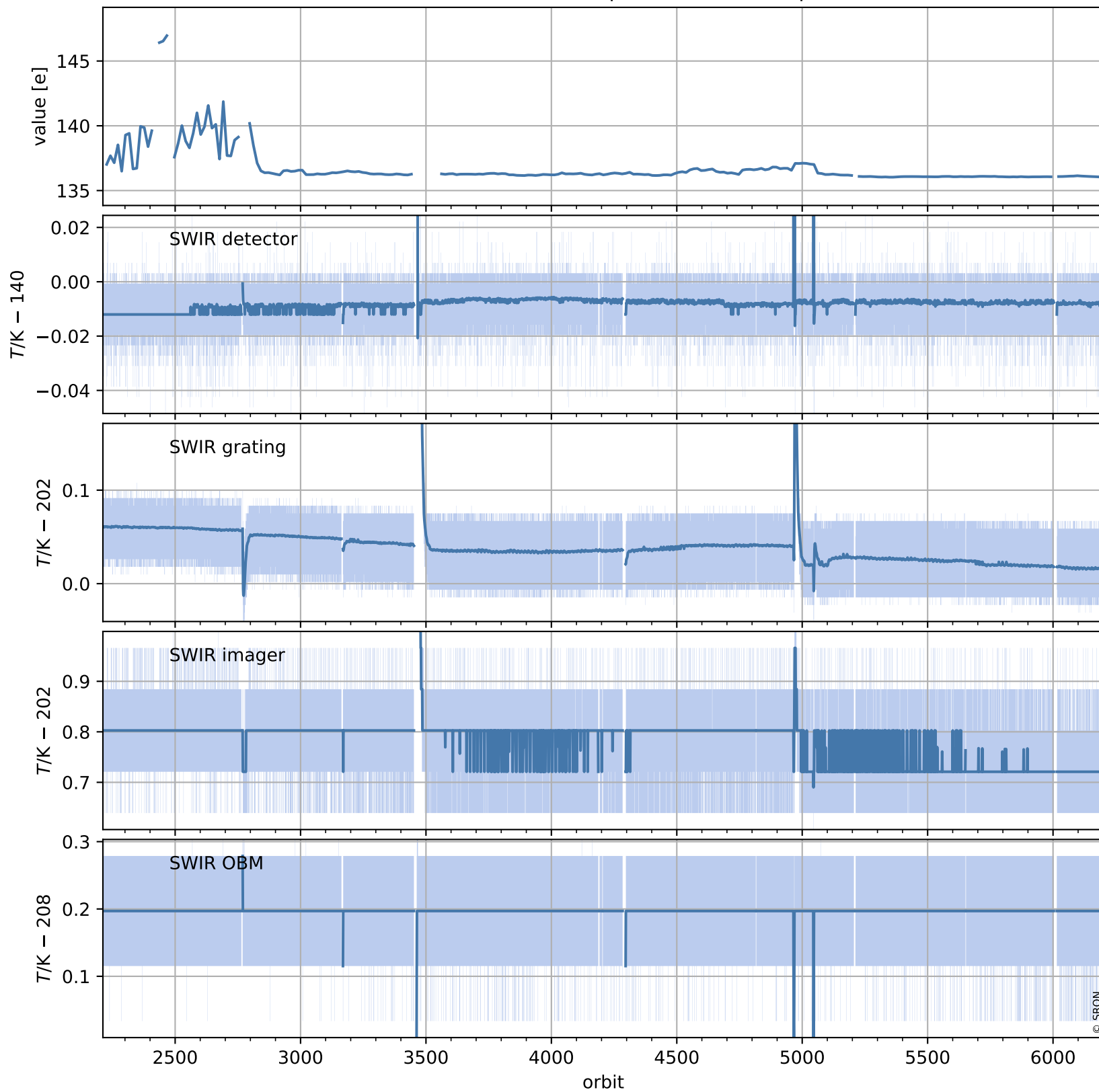
orbits : 12 in [6112, 6202]
coverage : 2018-12-18 / 2018-12-24
created : 2023-08-21T14:40:27



Tropomi SWIR background noise (swir)

orbits : [2212, 6202]
coverage : 2018-03-18 / 2018-12-24
created : 2023-08-21T14:40:27

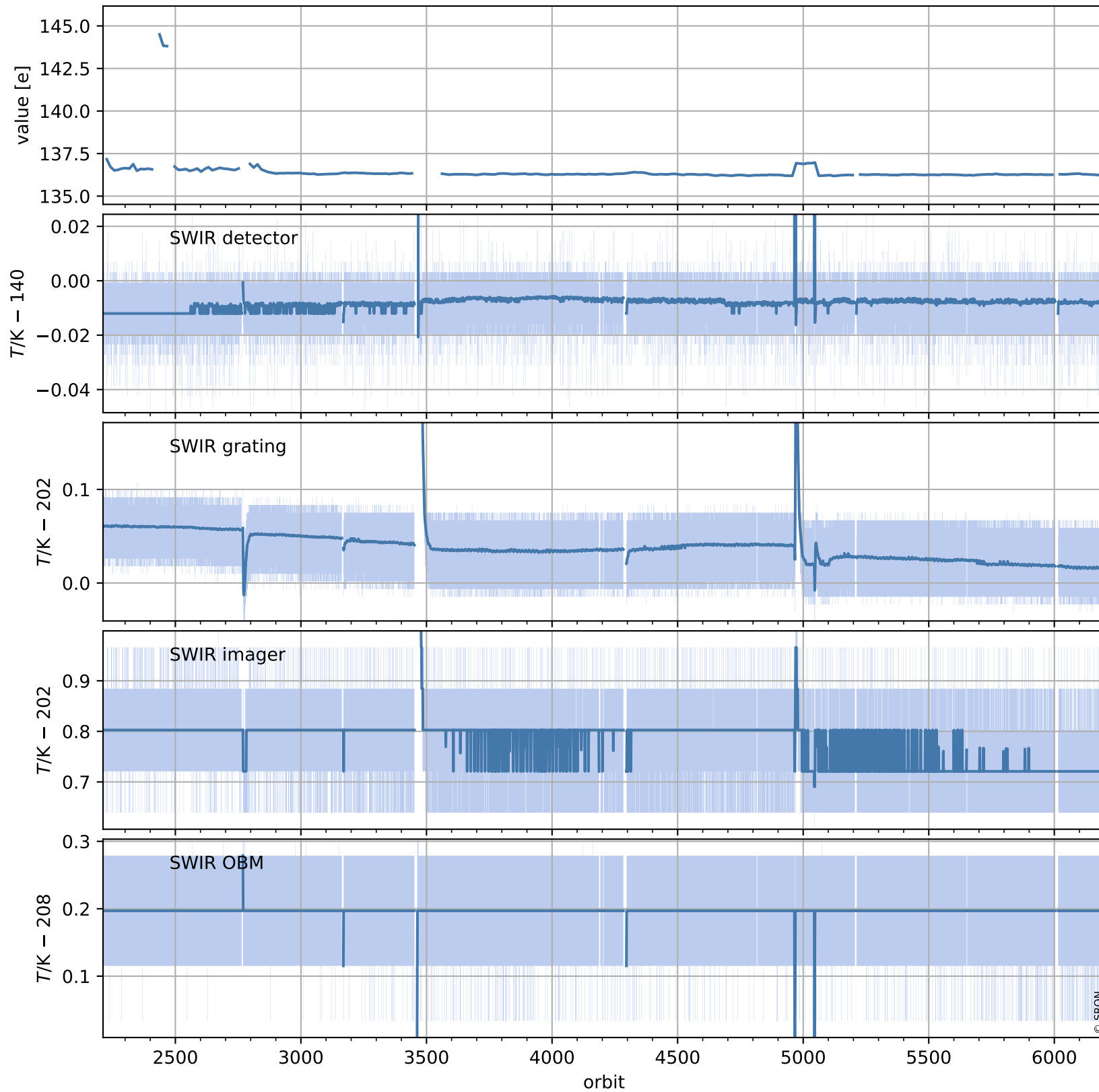
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6202]
coverage : 2018-03-18 / 2018-12-24
created : 2023-08-21T14:40:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6202]
coverage : 2018-03-18 / 2018-12-24
created : 2023-08-21T14:40:28

trend of normalized read-noise & temperatures

