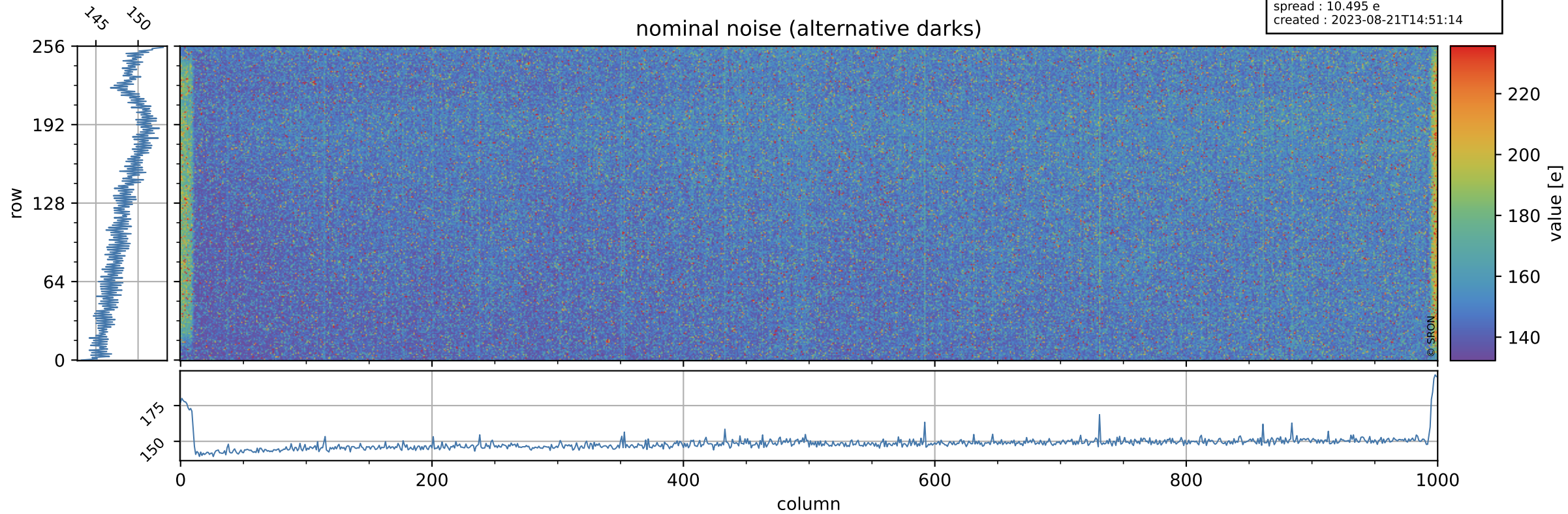


Tropomi SWIR background noise (swir)

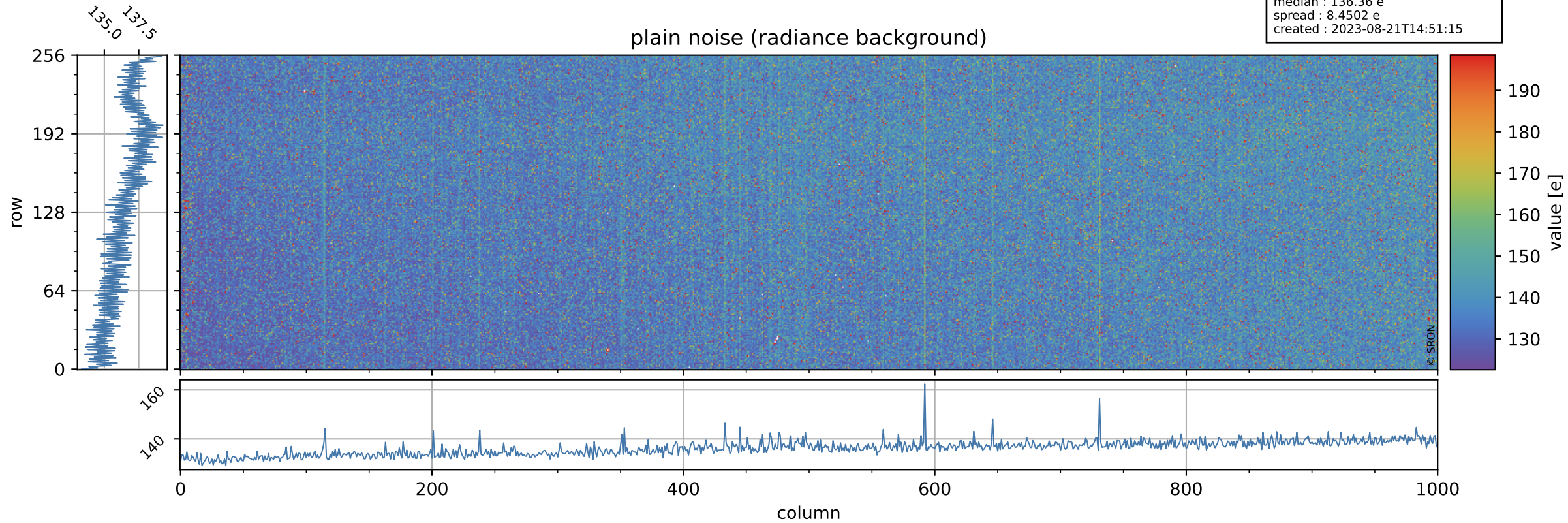
orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.495 e
created : 2023-08-21T14:51:14



Tropomi SWIR background noise (swir)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
n_coad, t_exp : 2, 0.5383
median : 136.36 e
spread : 8.4502 e
created : 2023-08-21T14:51:15

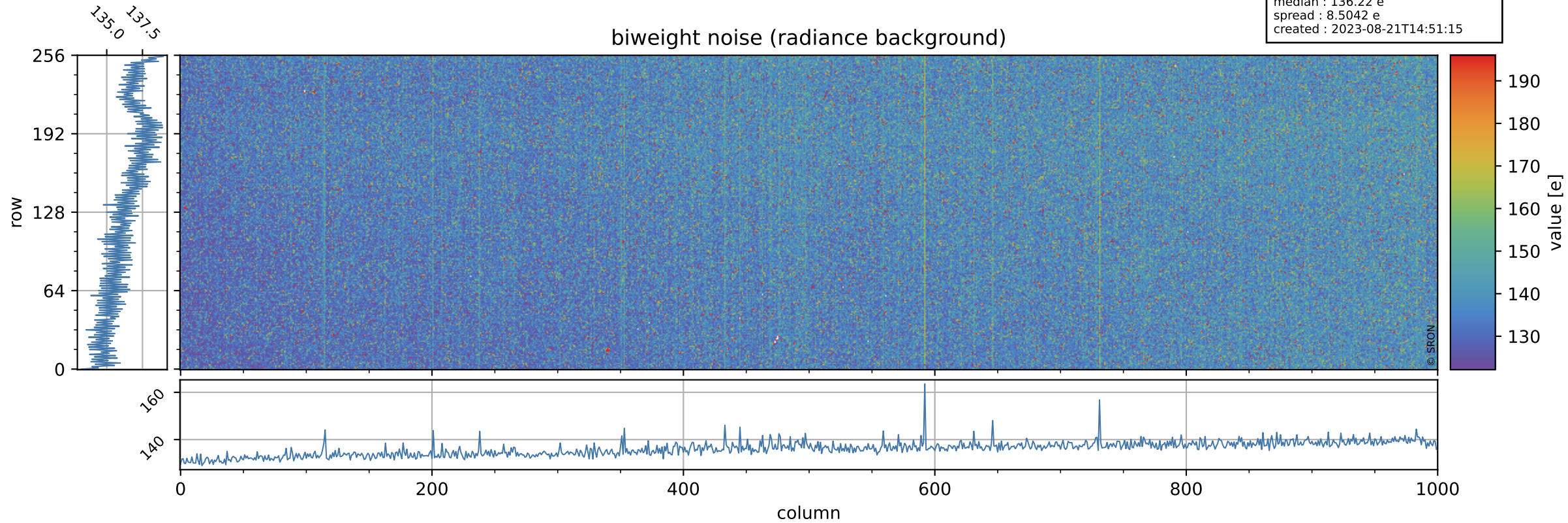
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5042 e
created : 2023-08-21T14:51:15

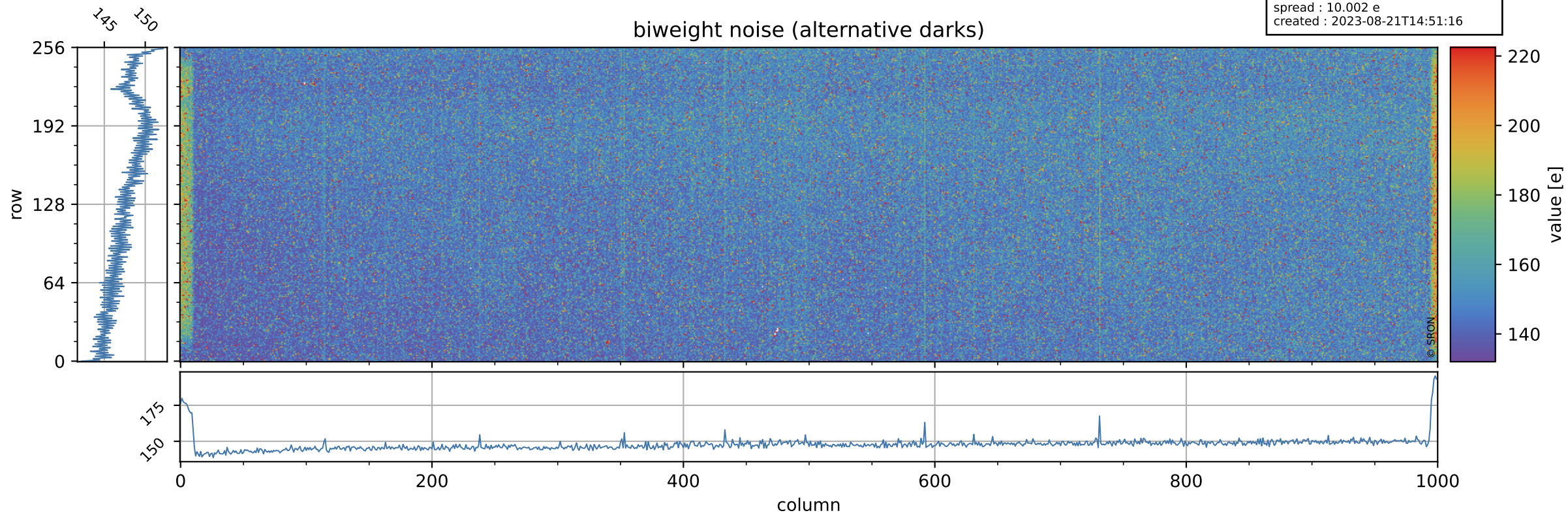
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.002 e
created : 2023-08-21T14:51:16

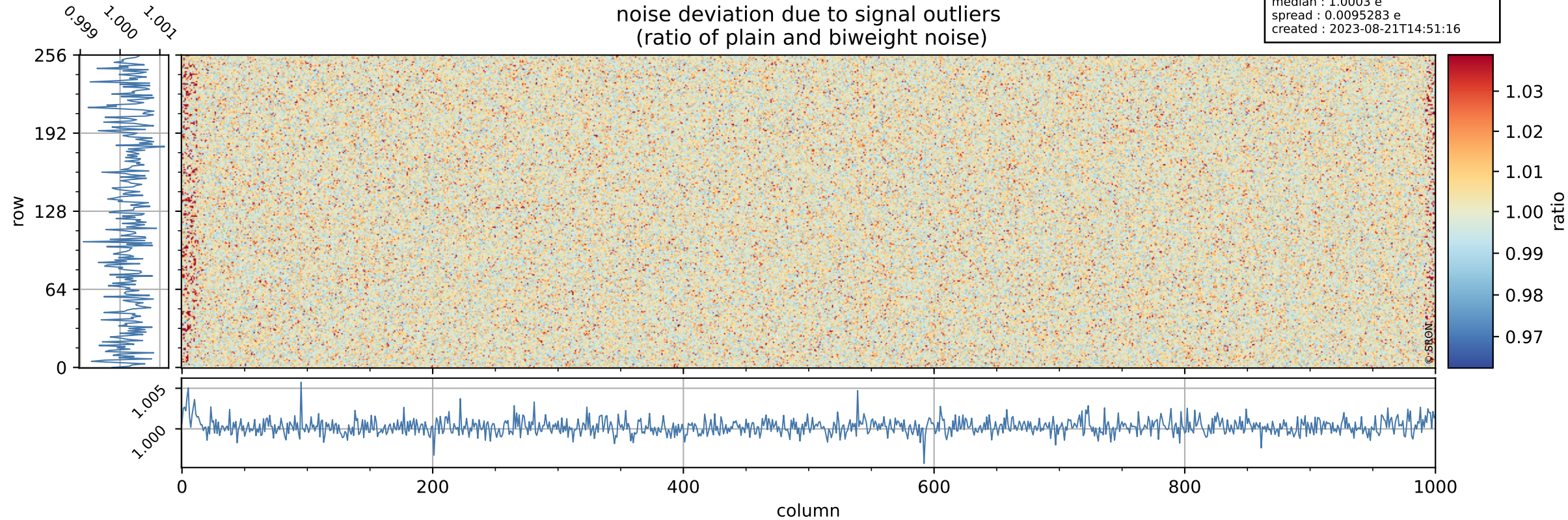
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

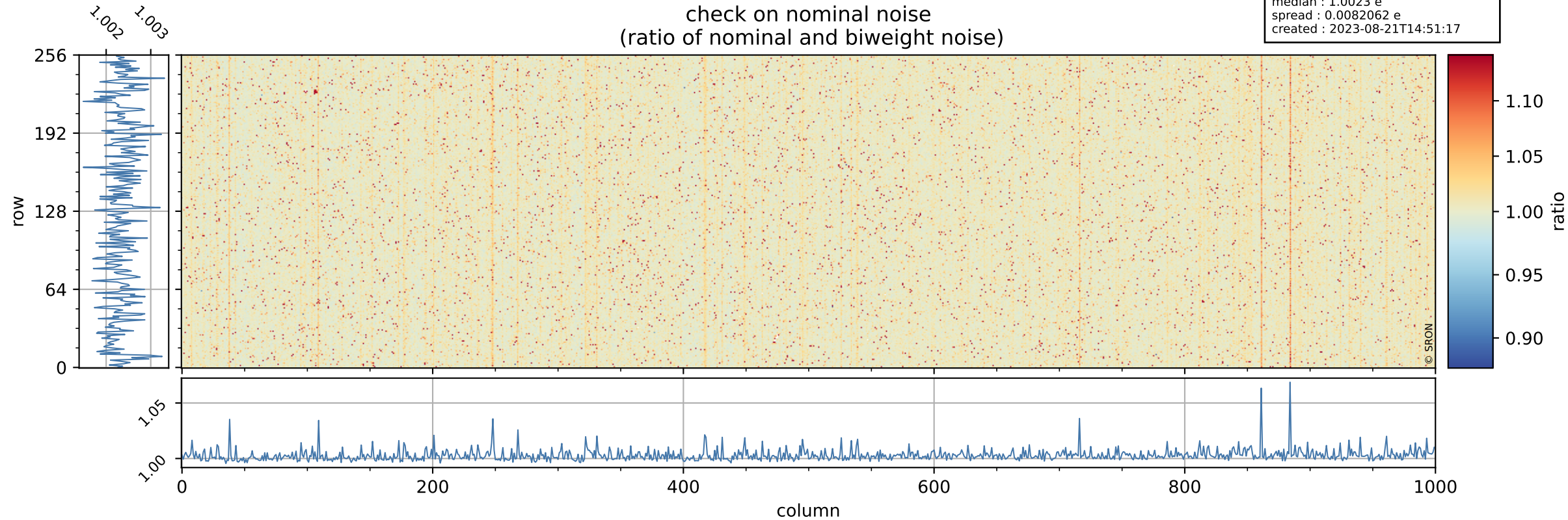
orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
median : 1.0003 e
spread : 0.0095283 e
created : 2023-08-21T14:51:16



Tropomi SWIR background noise (swir)

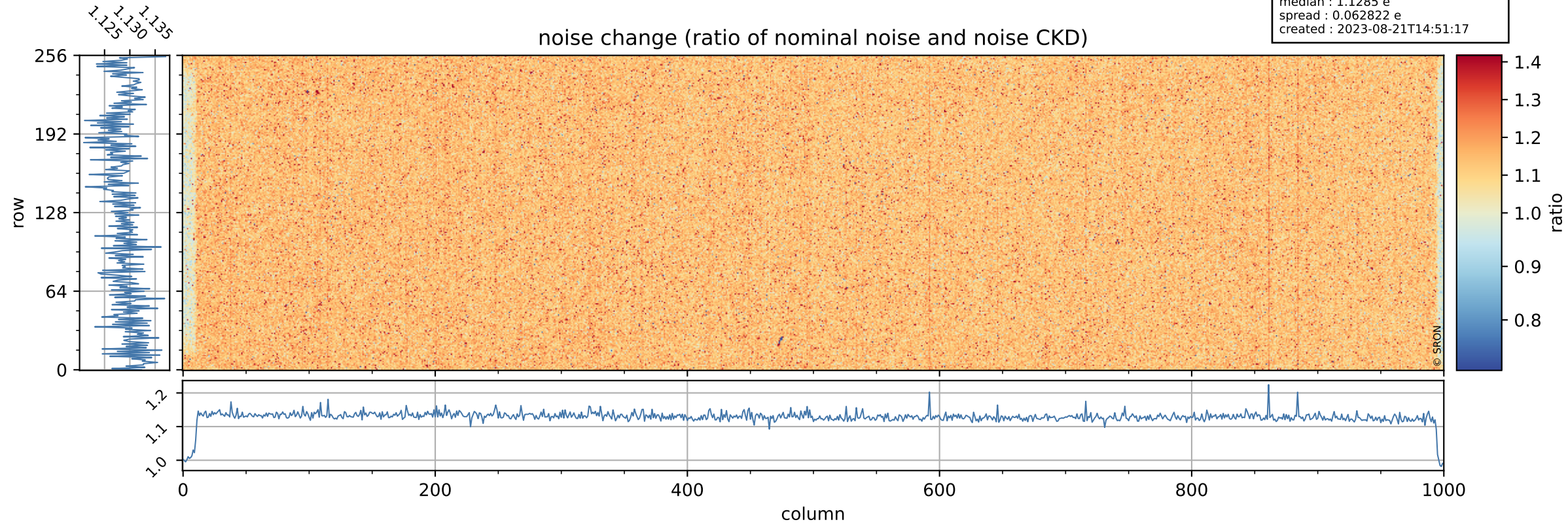
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
median : 1.0023 e
spread : 0.0082062 e
created : 2023-08-21T14:51:17



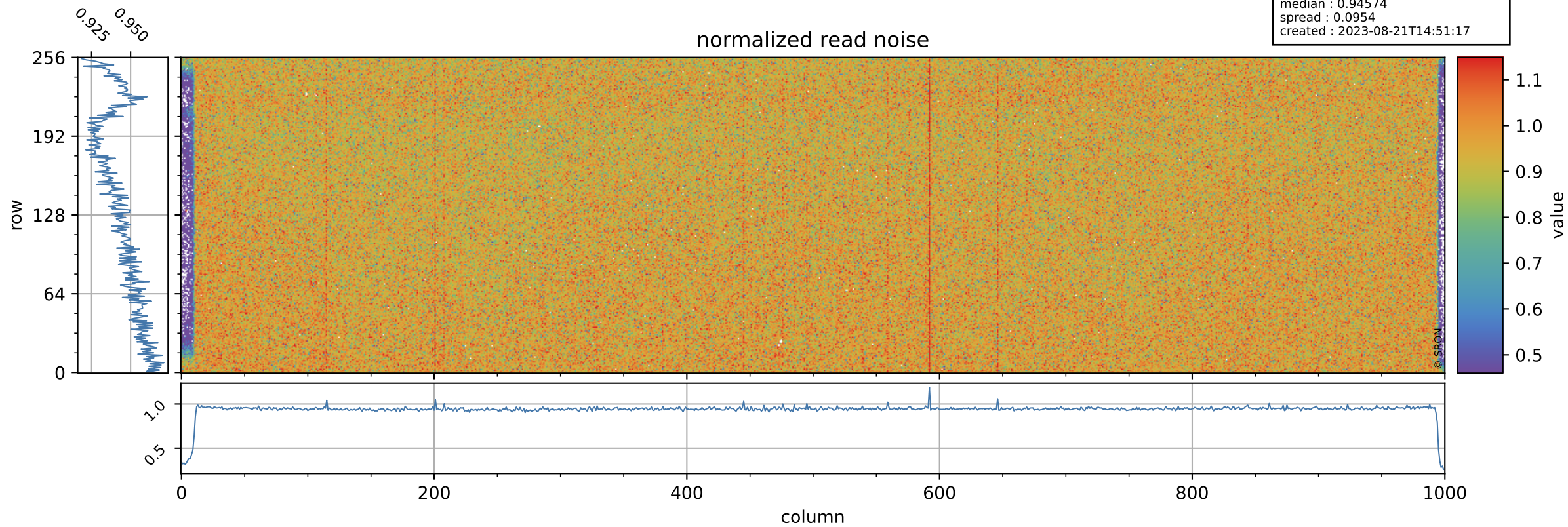
Tropomi SWIR background noise (swir)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
median : 1.1285 e
spread : 0.062822 e
created : 2023-08-21T14:51:17



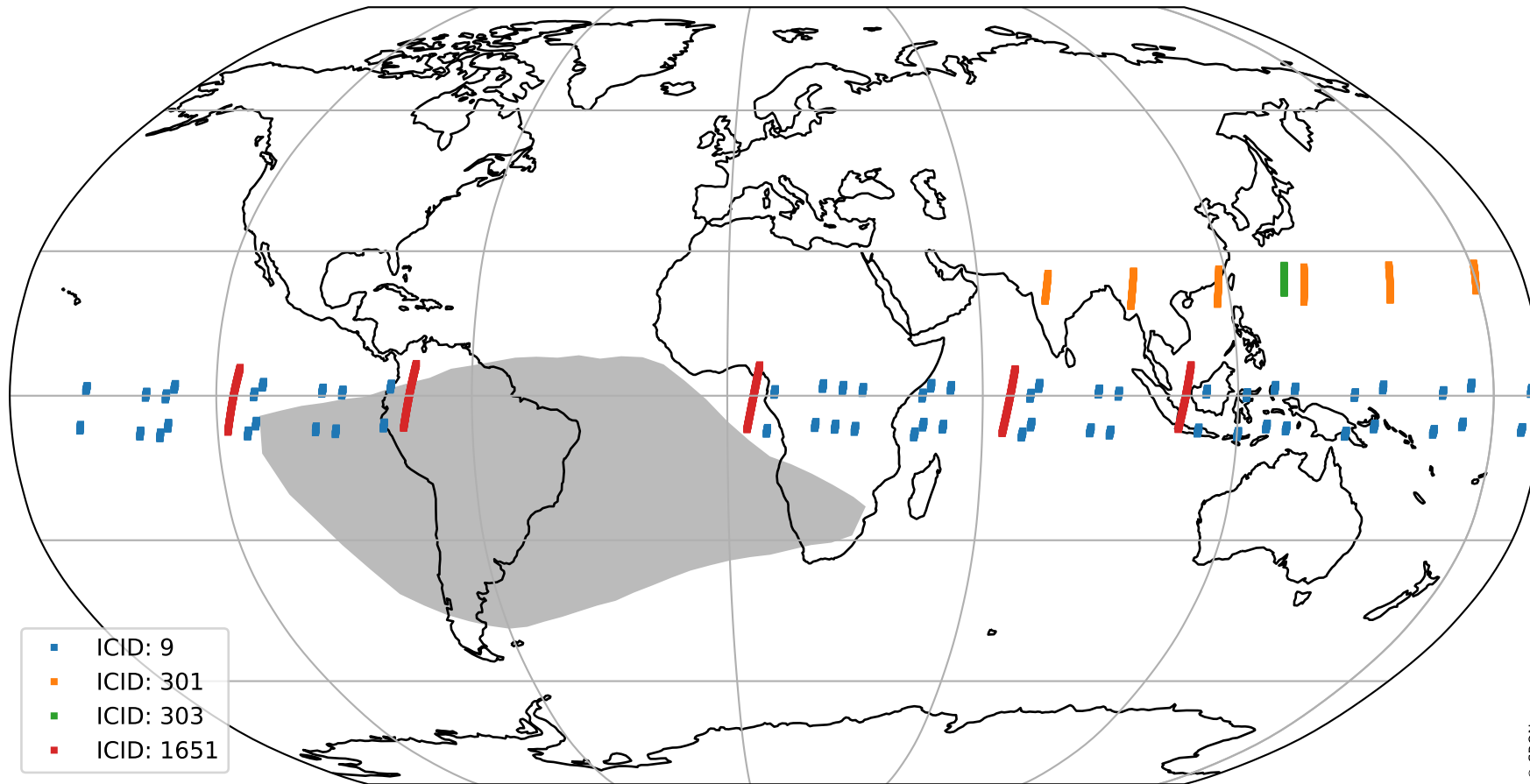
Tropomi SWIR background noise (swir)

orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
median : 0.94574
spread : 0.0954
created : 2023-08-21T14:51:17



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

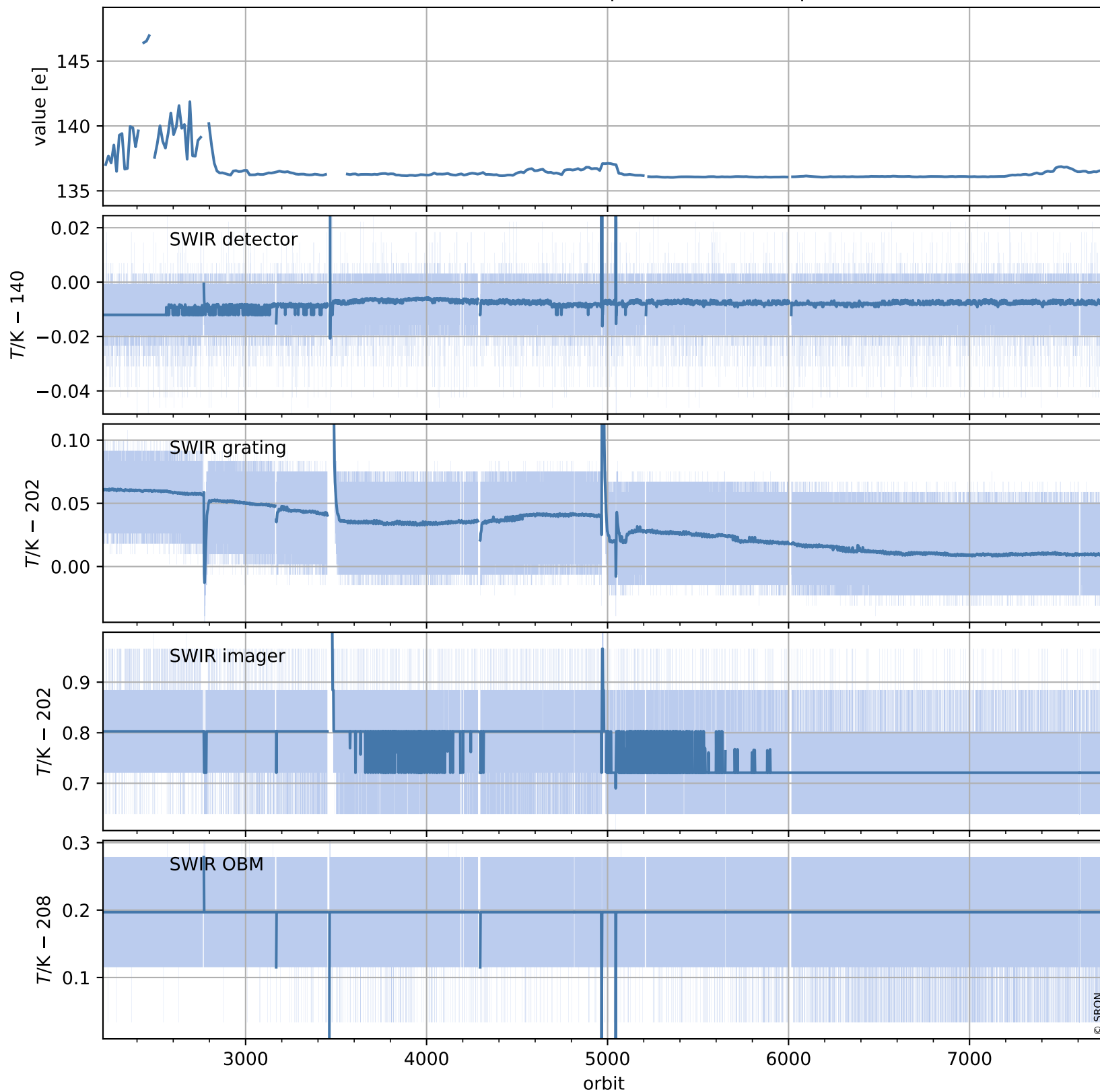
orbits : 12 in [7672, 7747]
coverage : 2019-04-06 / 2019-04-11
created : 2023-08-21T14:51:18



Tropomi SWIR background noise (swir)

orbits : [2212, 7747]
coverage : 2018-03-18 / 2019-04-11
created : 2023-08-21T14:51:18

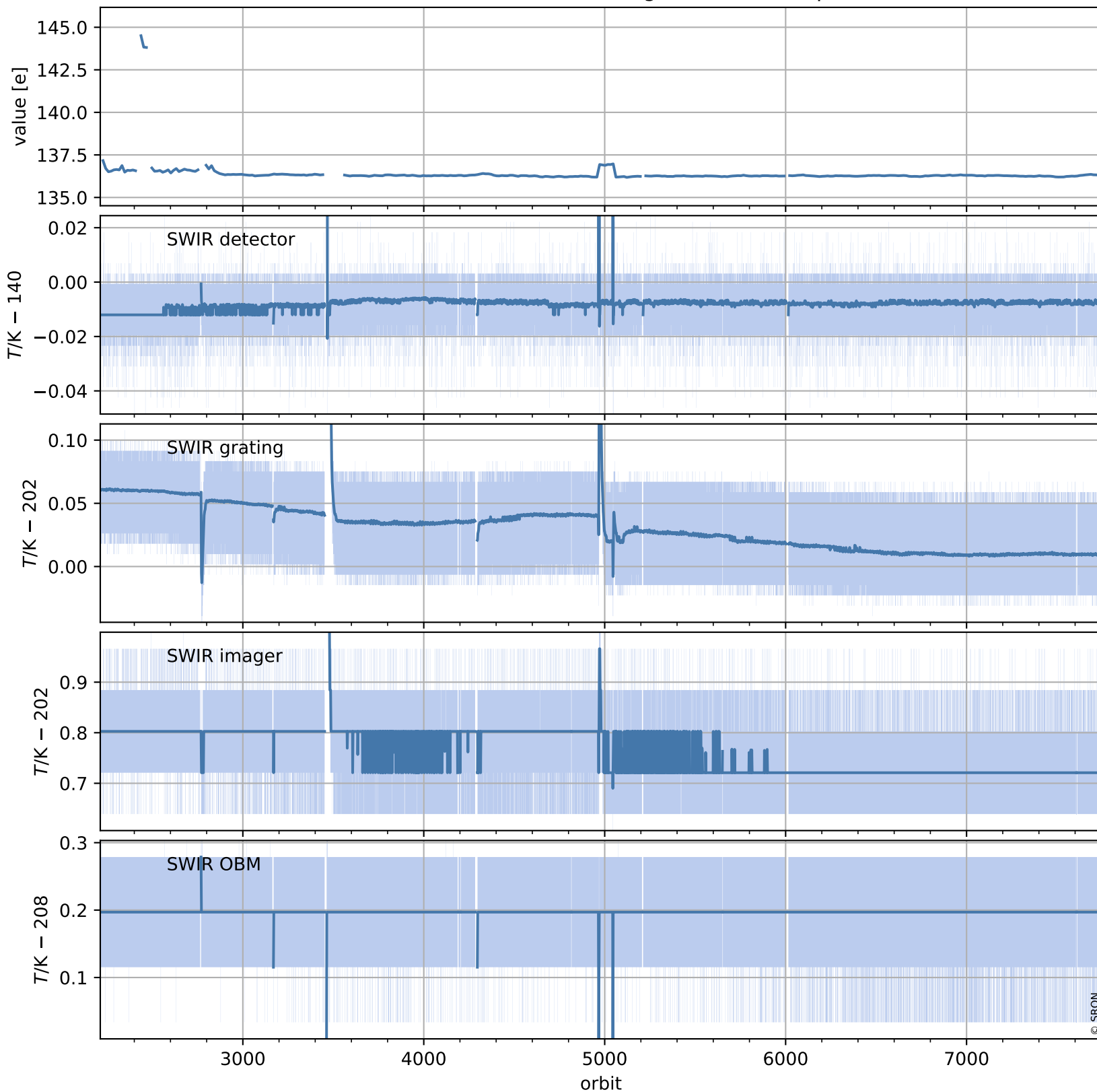
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7747]
coverage : 2018-03-18 / 2019-04-11
created : 2023-08-21T14:51:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7747]
coverage : 2018-03-18 / 2019-04-11
created : 2023-08-21T14:51:20

trend of normalized read-noise & temperatures

