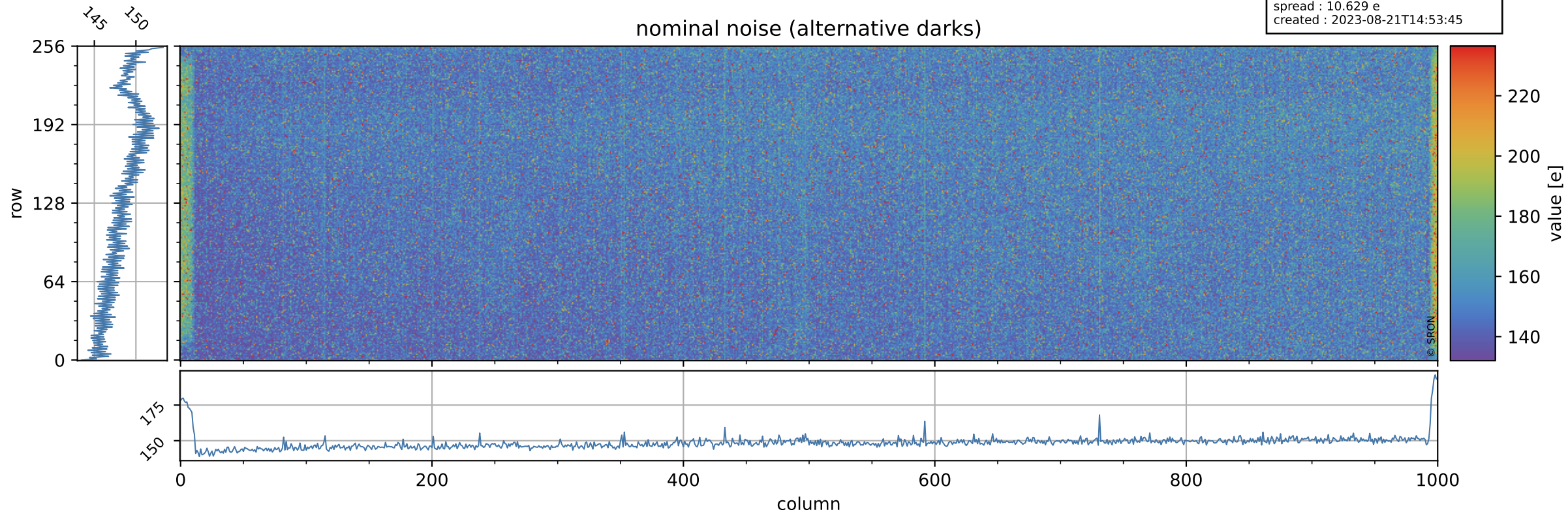


Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.629 e
created : 2023-08-21T14:53:45

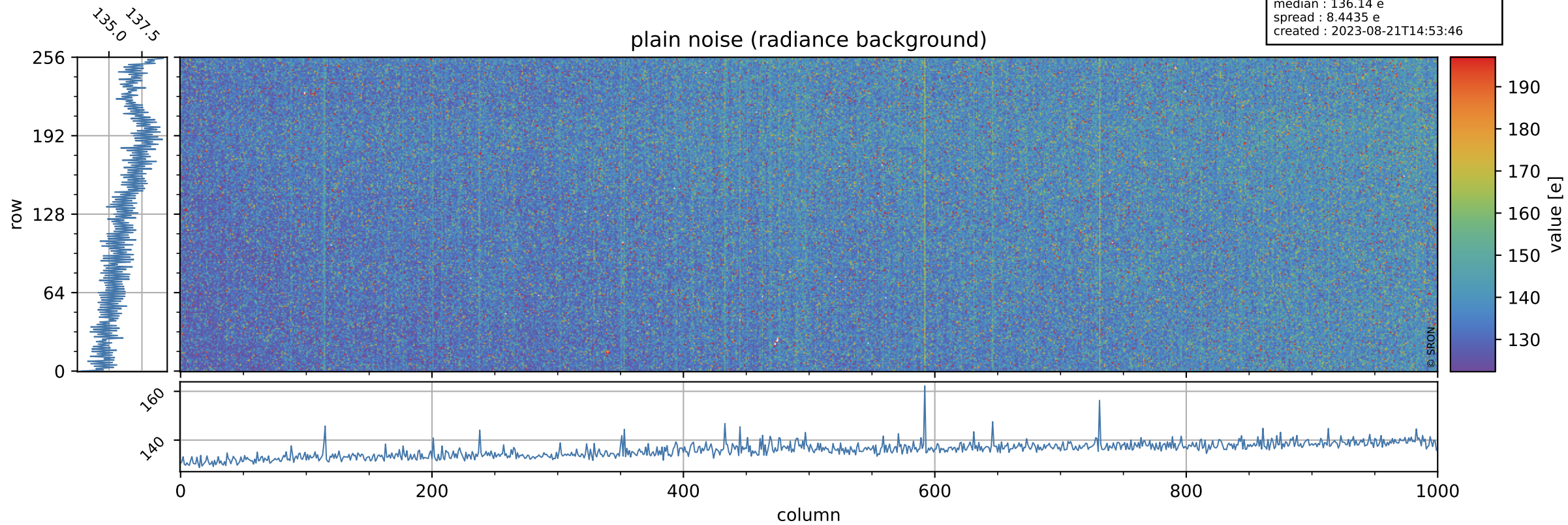
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4435 e
created : 2023-08-21T14:53:46

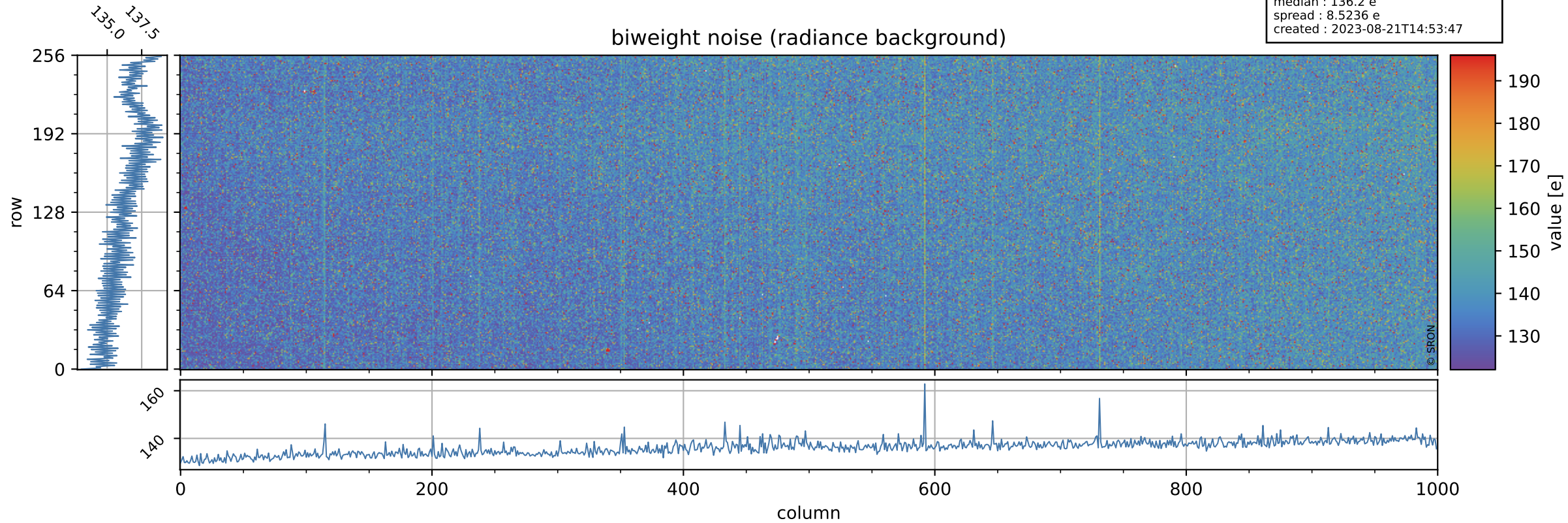
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5236 e
created : 2023-08-21T14:53:47

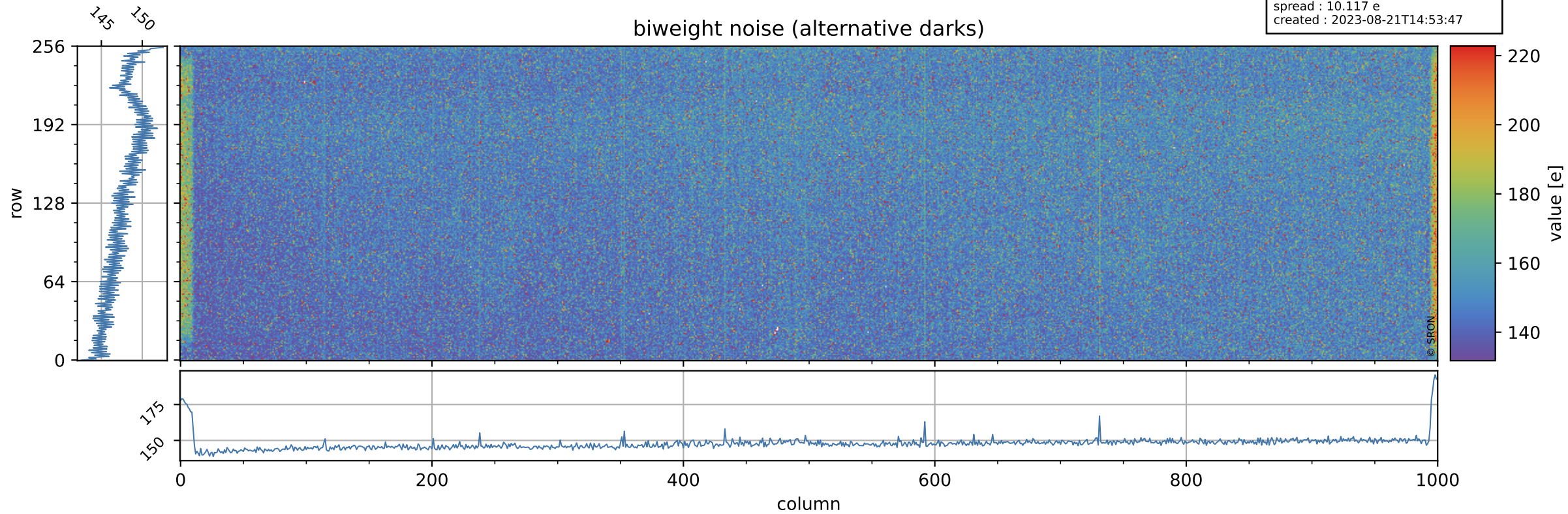
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.117 e
created : 2023-08-21T14:53:47

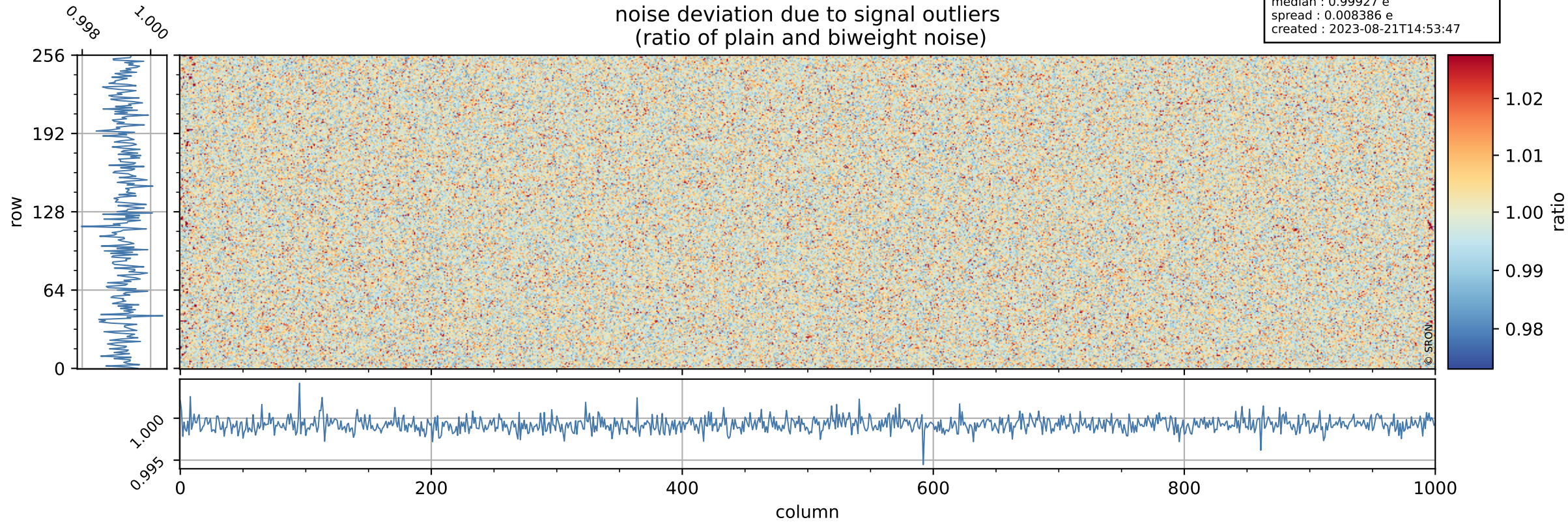
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

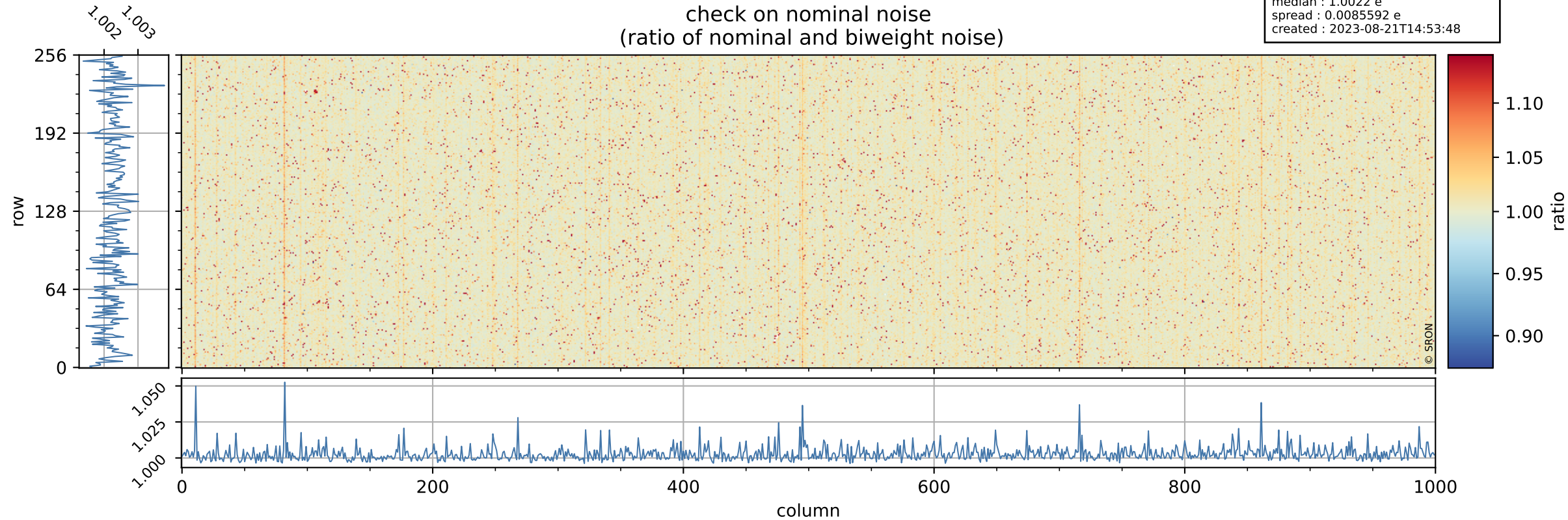
orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
median : 0.99927 e
spread : 0.008386 e
created : 2023-08-21T14:53:47



Tropomi SWIR background noise (swir)

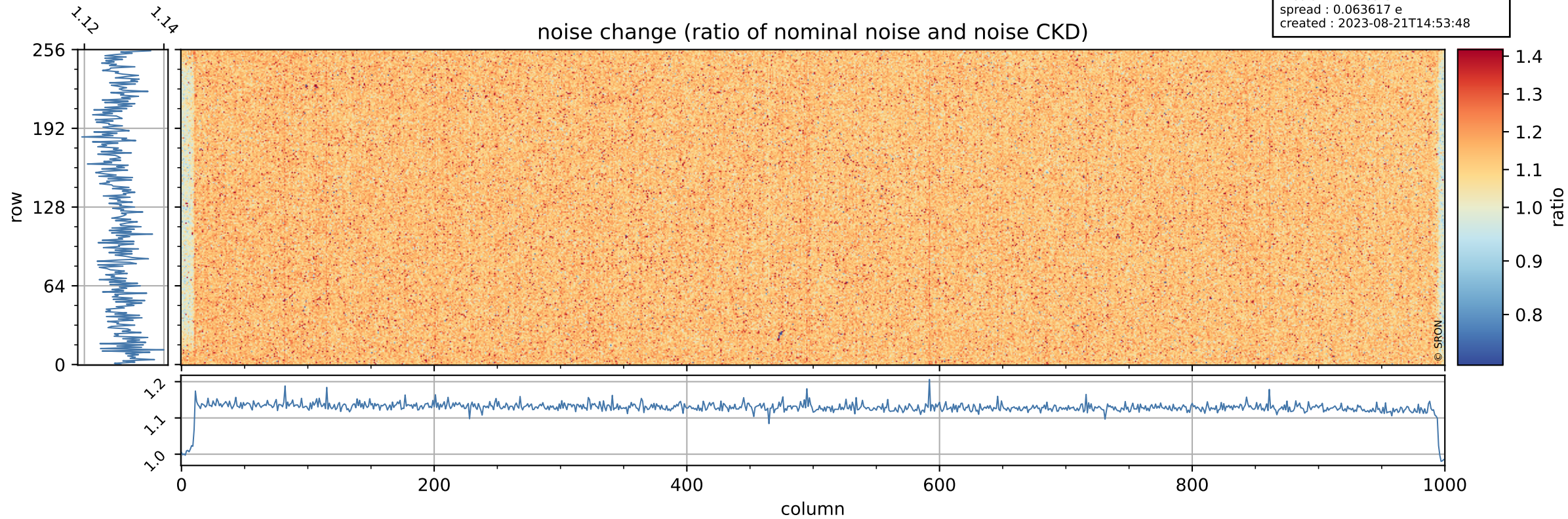
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
median : 1.0022 e
spread : 0.0085592 e
created : 2023-08-21T14:53:48



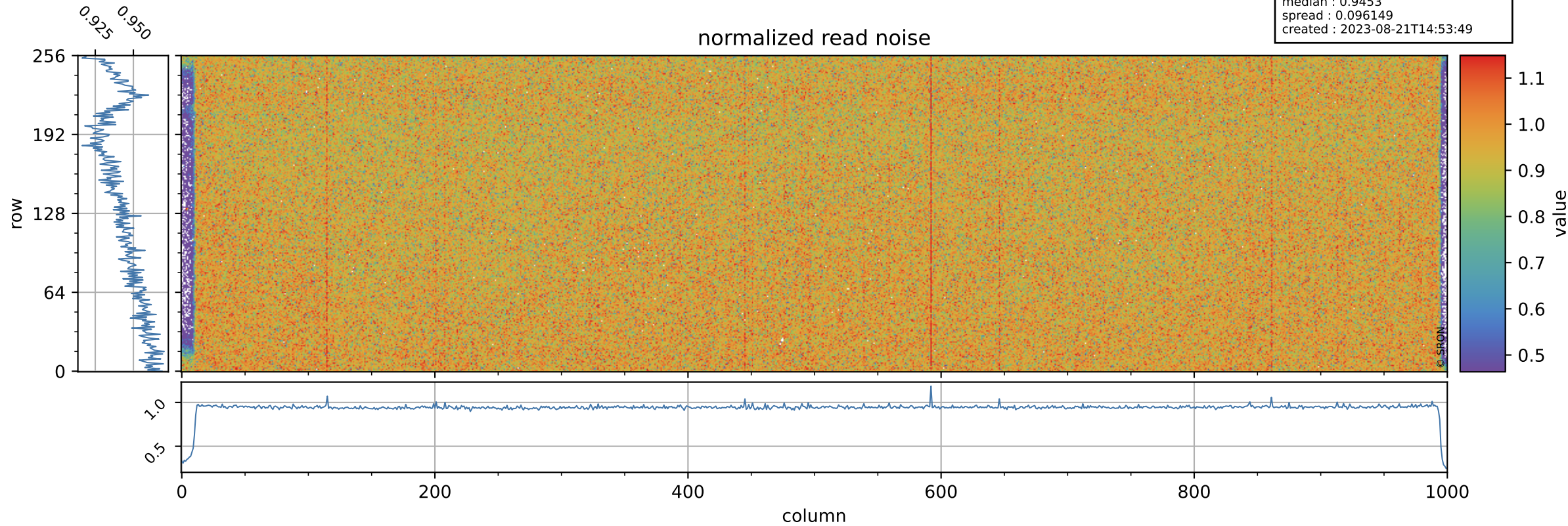
Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
median : 1.1283 e
spread : 0.063617 e
created : 2023-08-21T14:53:48



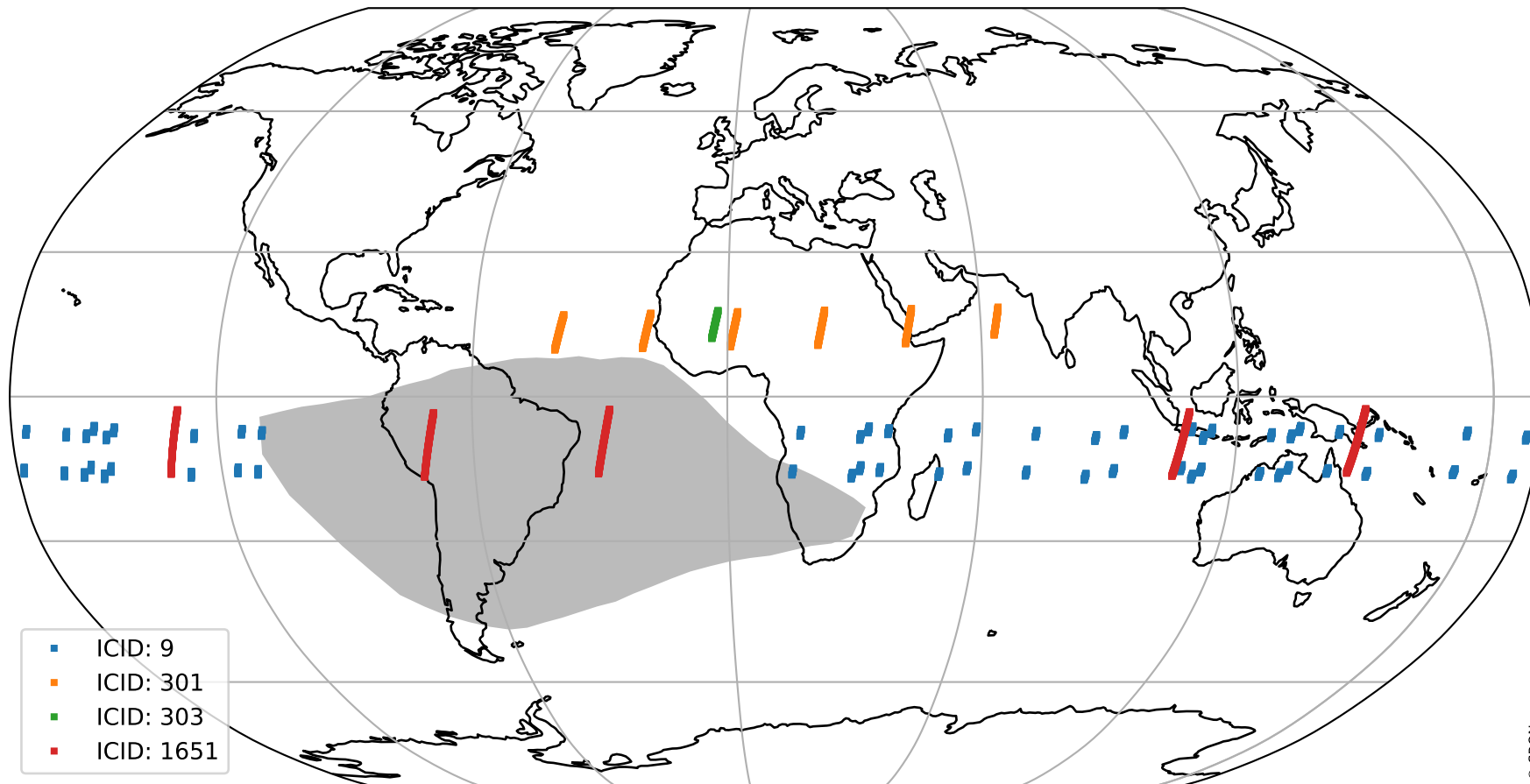
Tropomi SWIR background noise (swir)

orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
median : 0.9453
spread : 0.096149
created : 2023-08-21T14:53:49



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

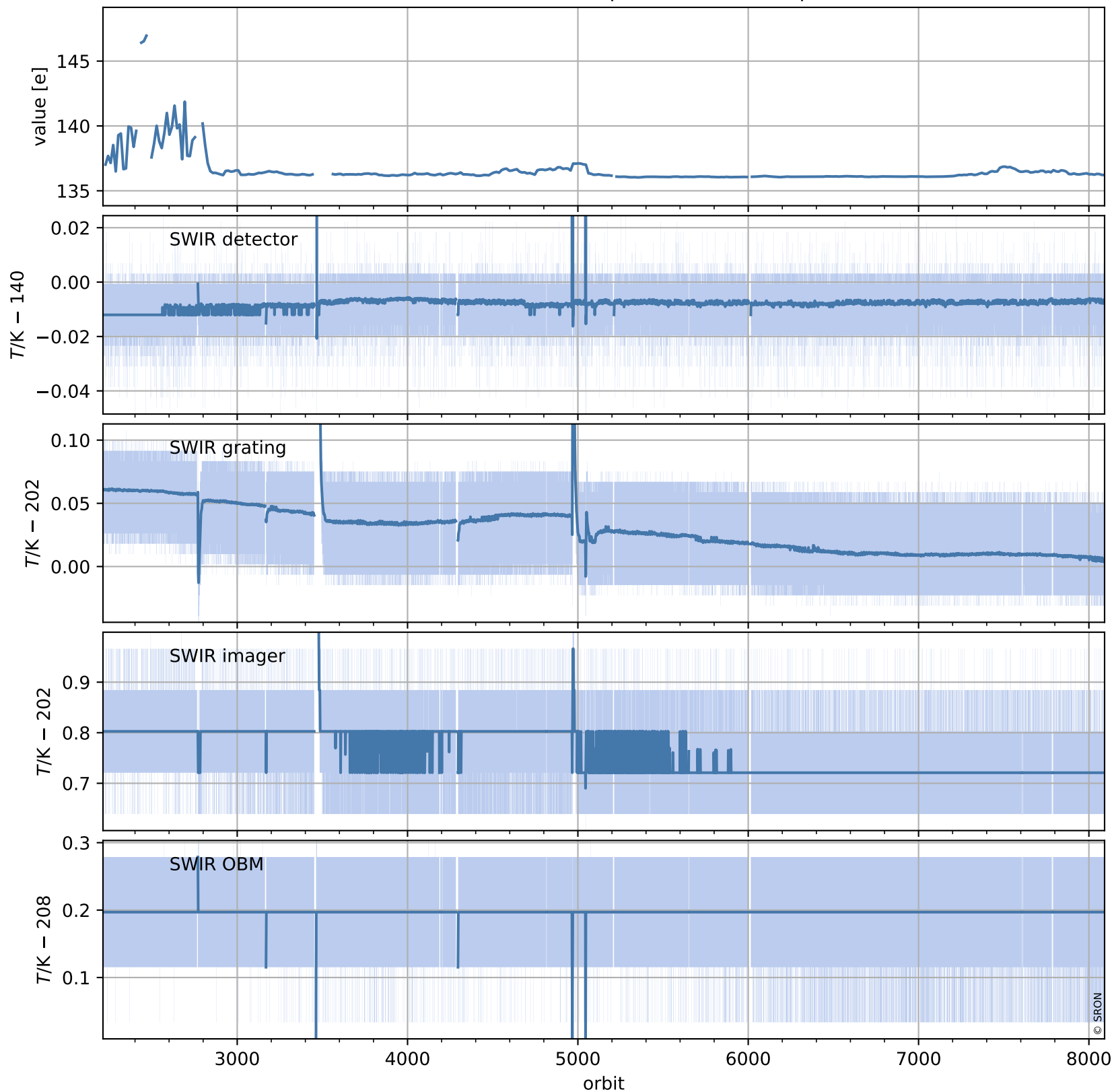
orbits : 12 in [8002, 8092]
coverage : 2019-04-30 / 2019-05-06
created : 2023-08-21T14:53:49



Tropomi SWIR background noise (swir)

orbits : [2212, 8092]
coverage : 2018-03-18 / 2019-05-06
created : 2023-08-21T14:53:50

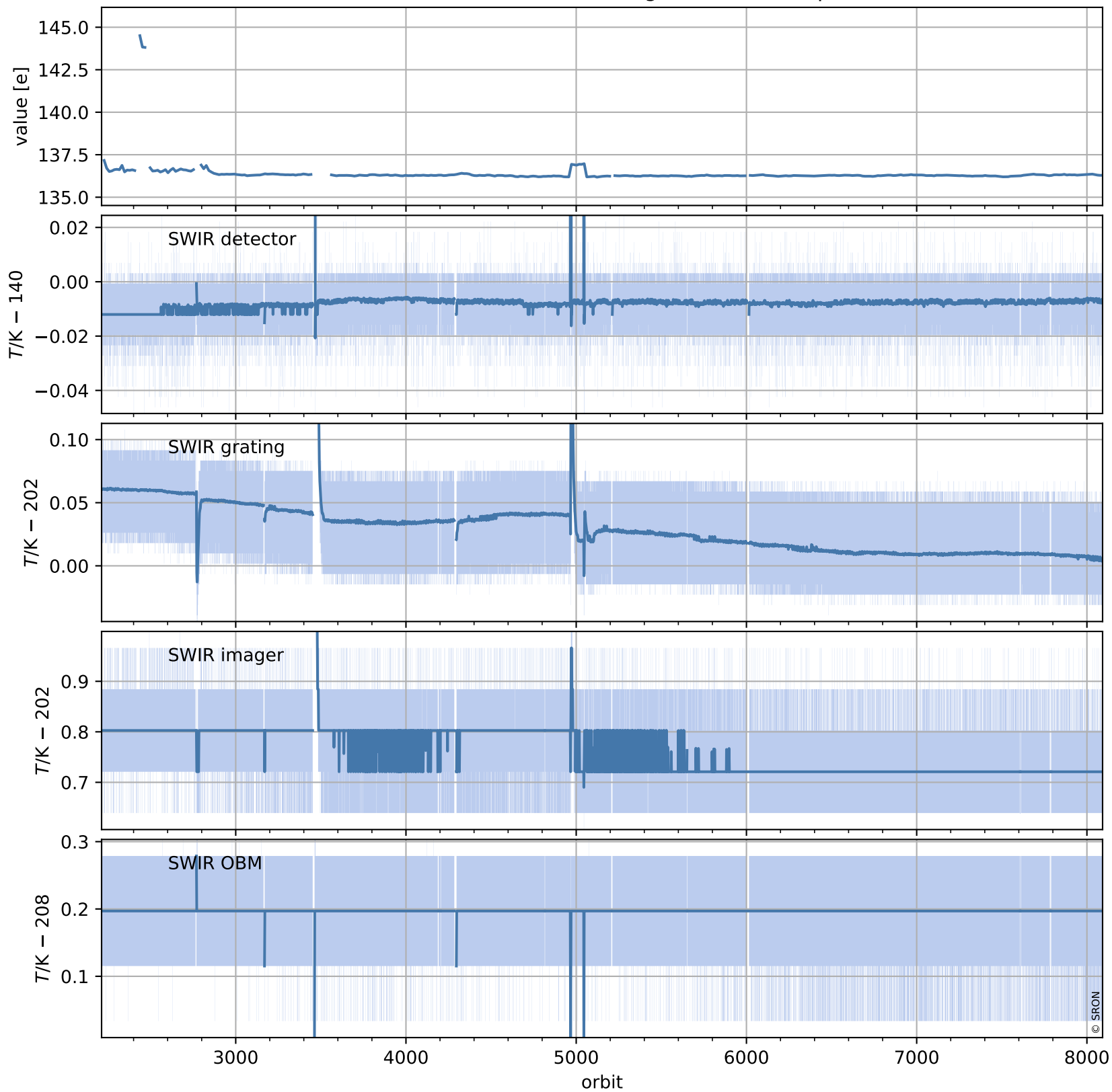
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8092]
coverage : 2018-03-18 / 2019-05-06
created : 2023-08-21T14:53:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8092]
coverage : 2018-03-18 / 2019-05-06
created : 2023-08-21T14:53:51

trend of normalized read-noise & temperatures

