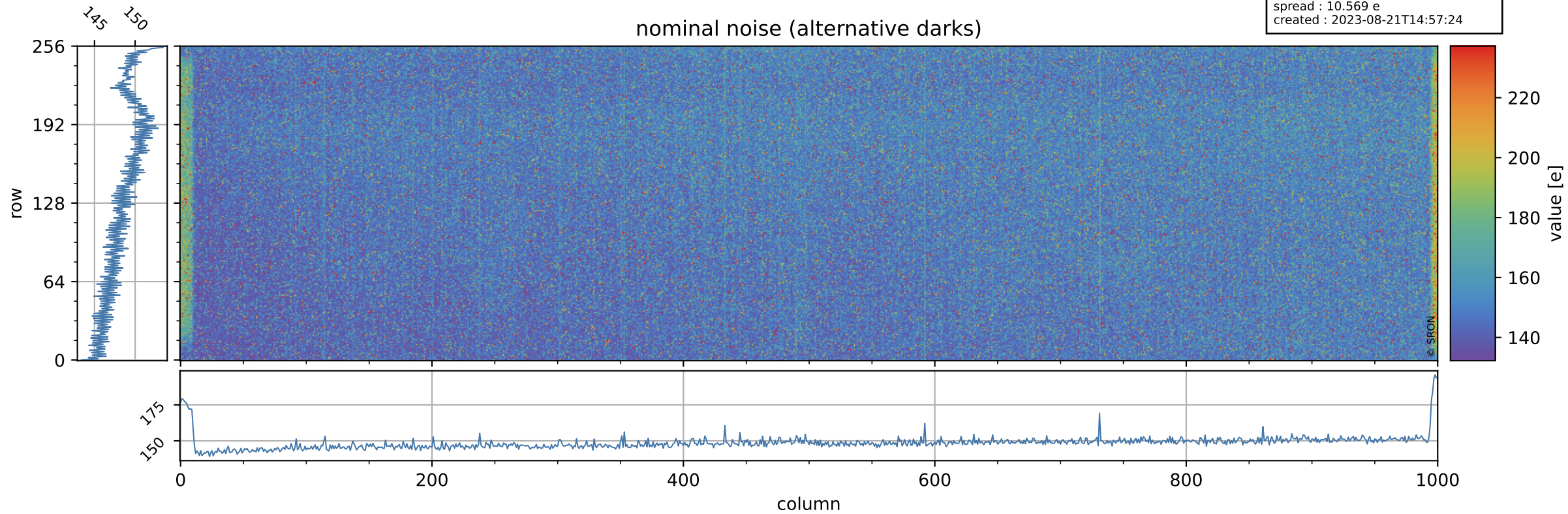


Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.569 e
created : 2023-08-21T14:57:24

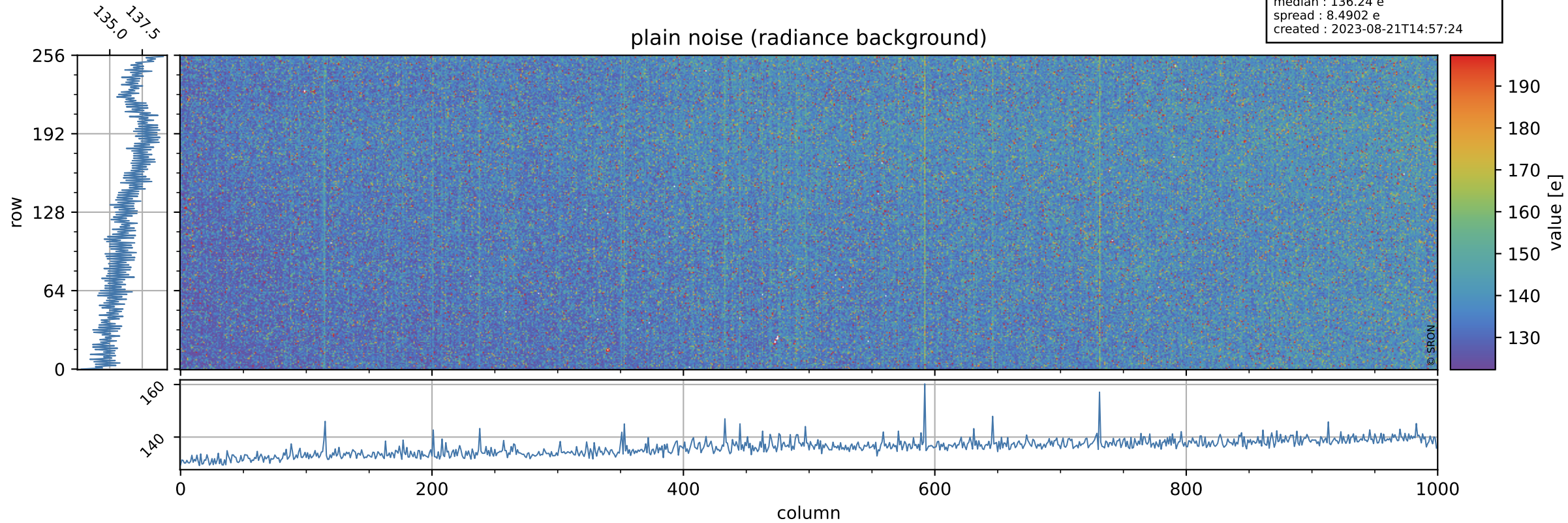
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4902 e
created : 2023-08-21T14:57:24

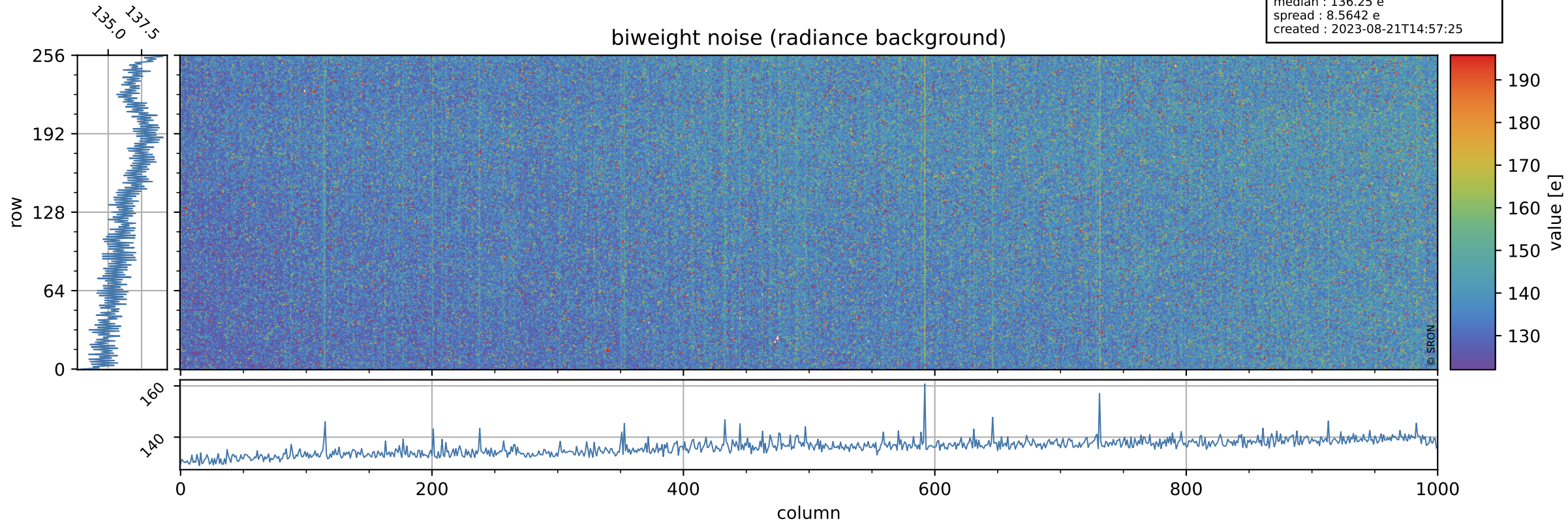
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5642 e
created : 2023-08-21T14:57:25

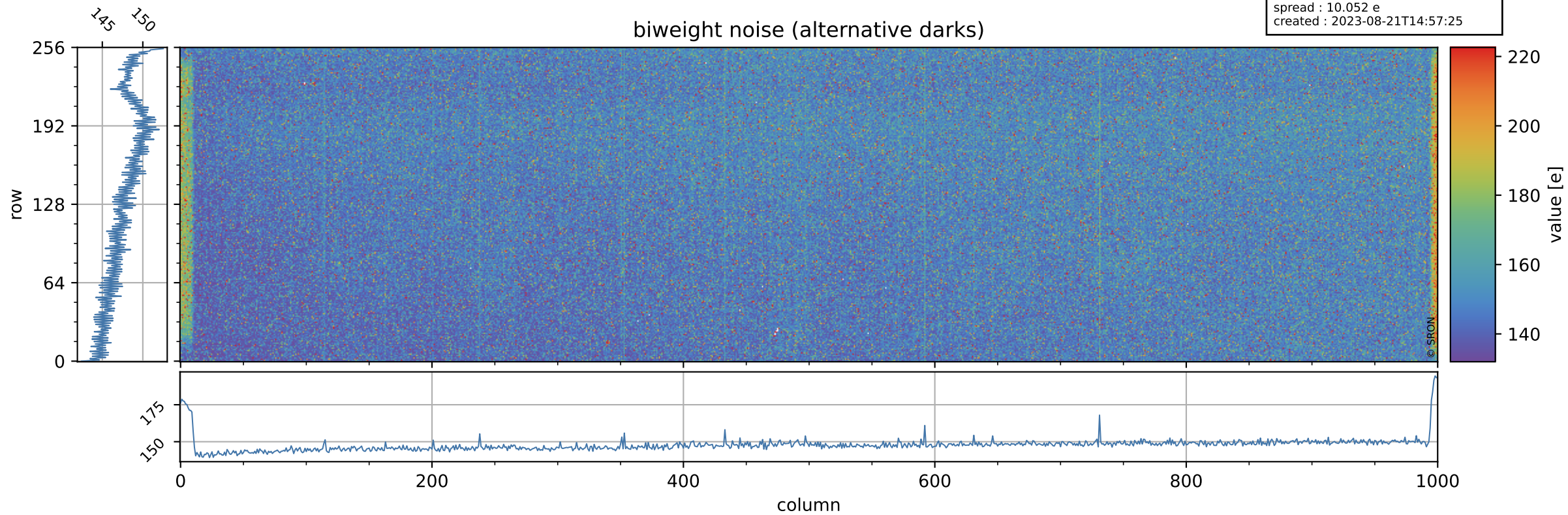
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.052 e
created : 2023-08-21T14:57:25

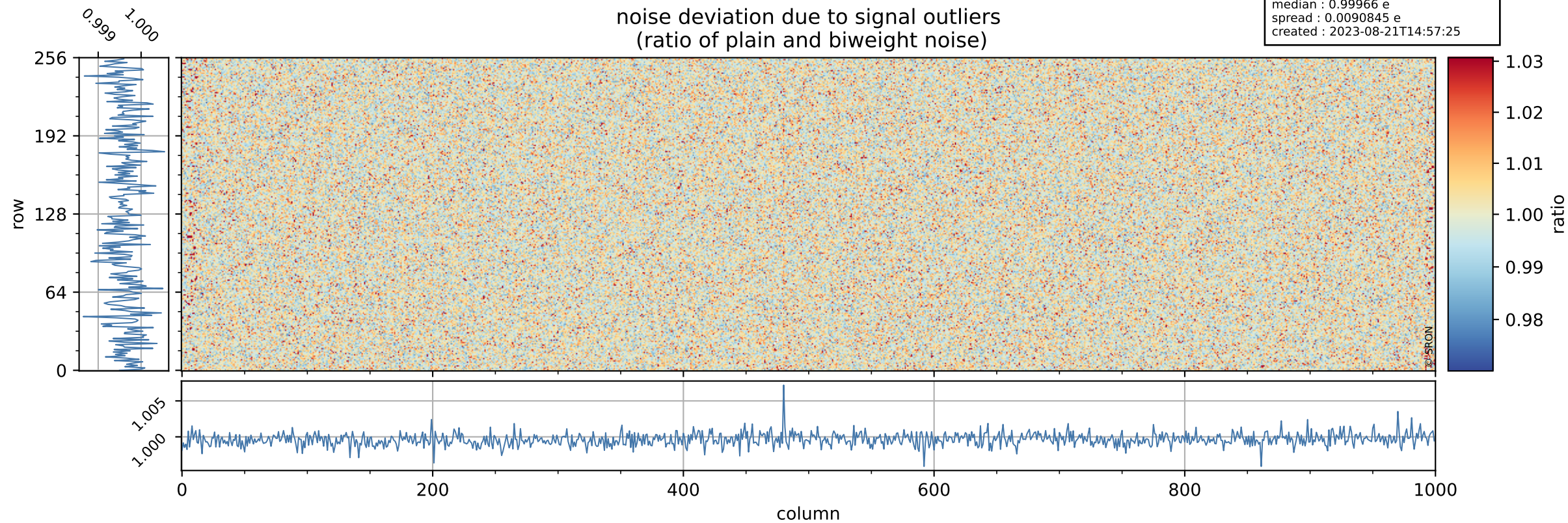
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

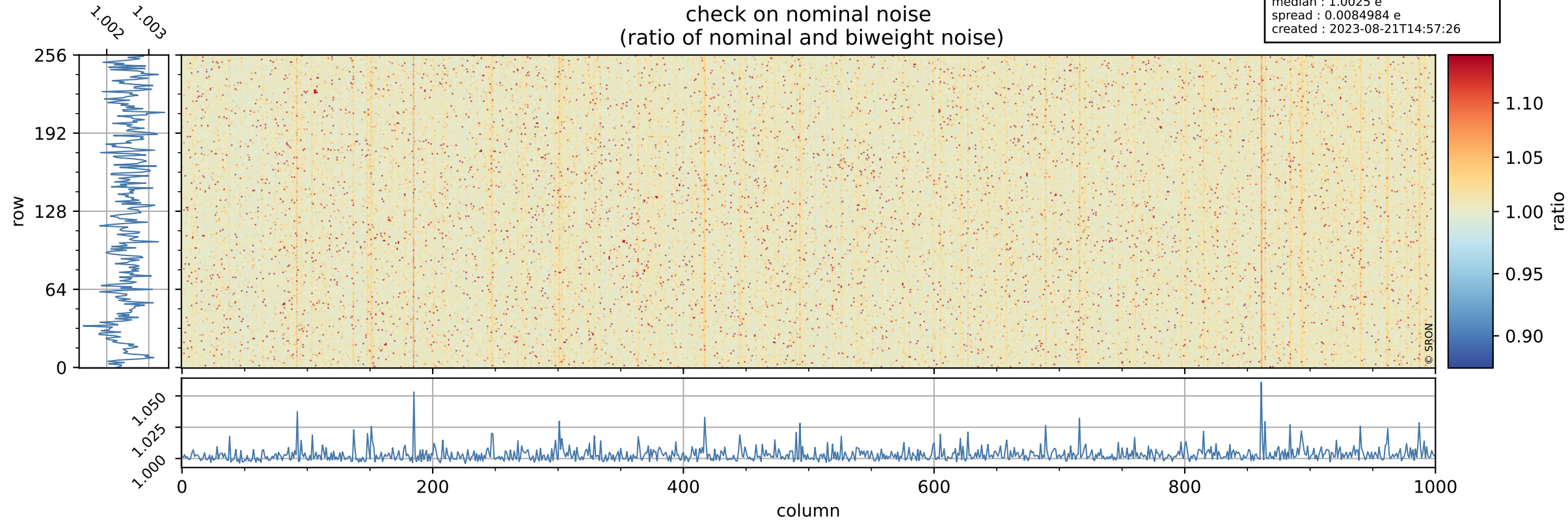
orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
median : 0.99966 e
spread : 0.0090845 e
created : 2023-08-21T14:57:25



Tropomi SWIR background noise (swir)

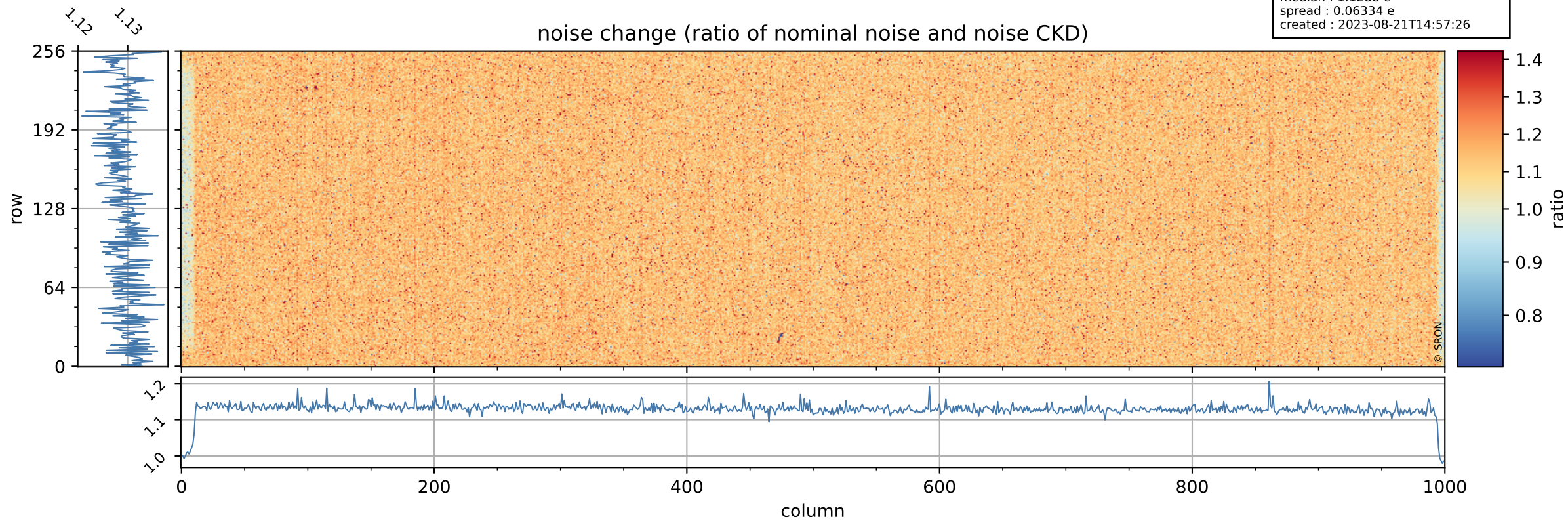
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
median : 1.0025 e
spread : 0.0084984 e
created : 2023-08-21T14:57:26



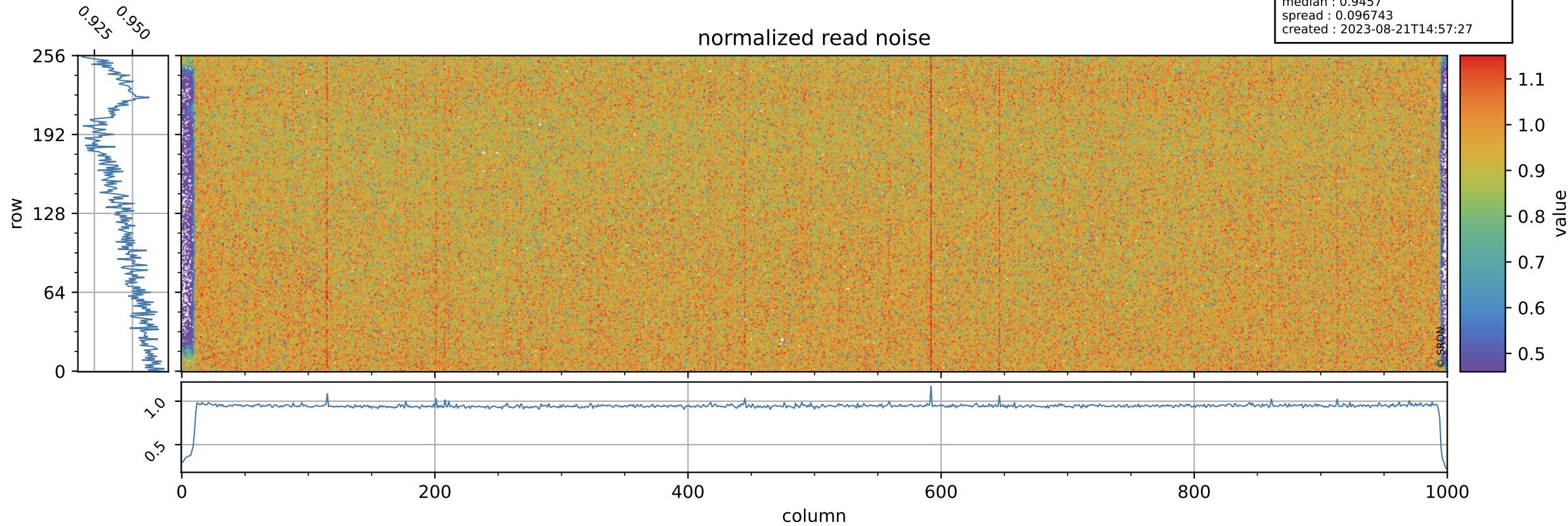
Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
median : 1.1288 e
spread : 0.06334 e
created : 2023-08-21T14:57:26



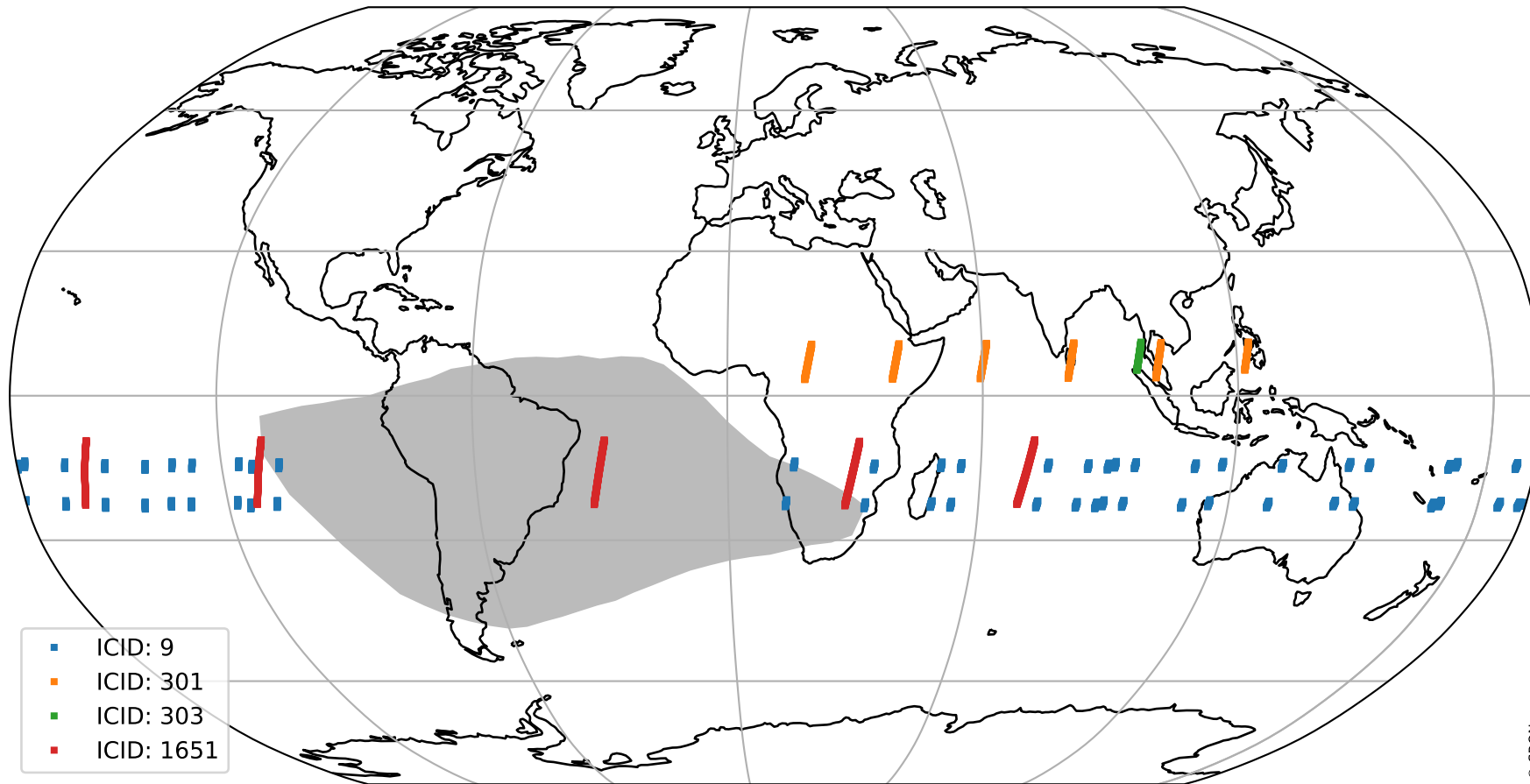
Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
median : 0.9457
spread : 0.096743
created : 2023-08-21T14:57:27



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

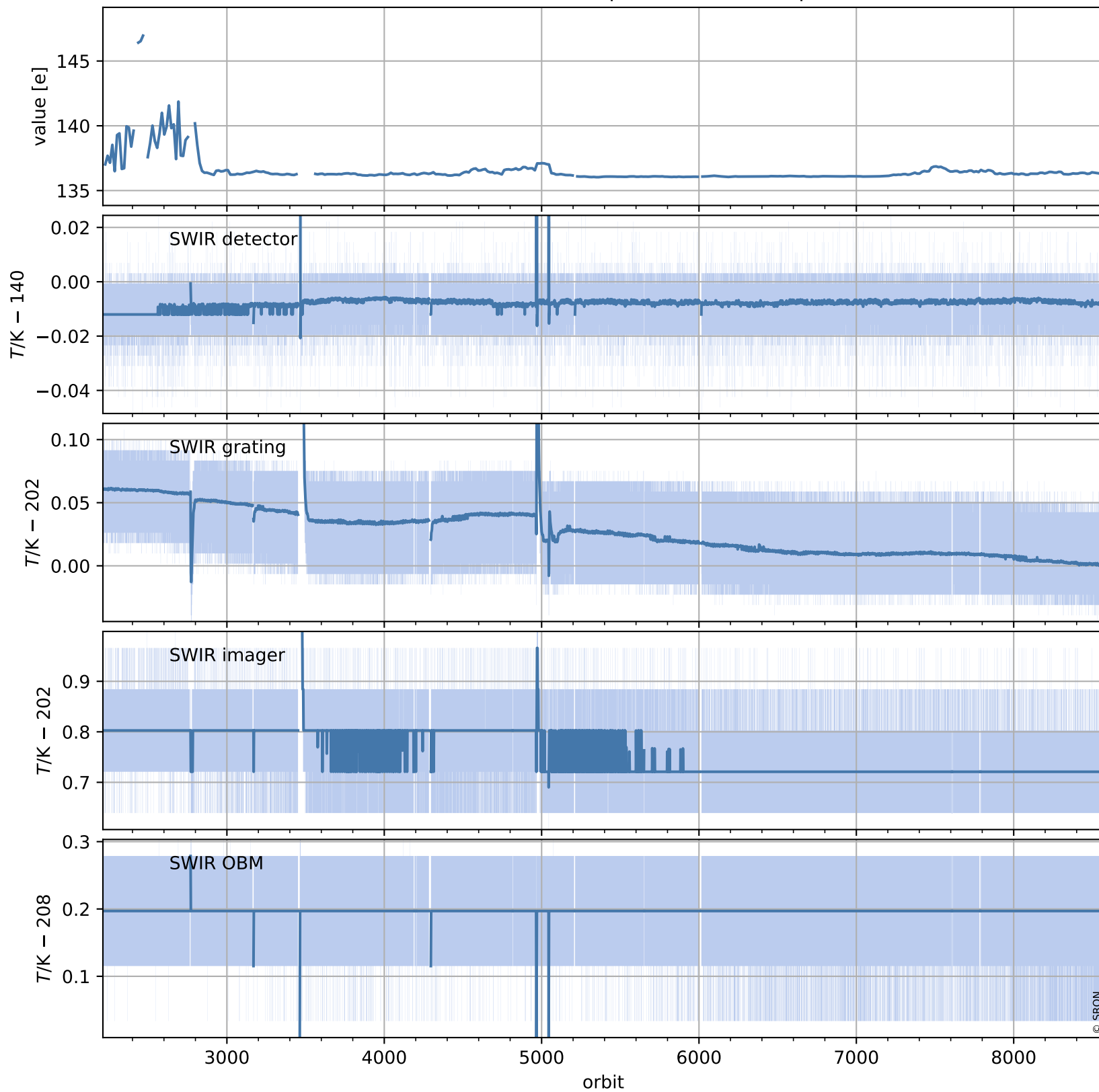
orbits : 12 in [8497, 8572]
coverage : 2019-06-03 / 2019-06-09
created : 2023-08-21T14:57:27



Tropomi SWIR background noise (swir)

orbits : [2212, 8572]
coverage : 2018-03-18 / 2019-06-09
created : 2023-08-21T14:57:28

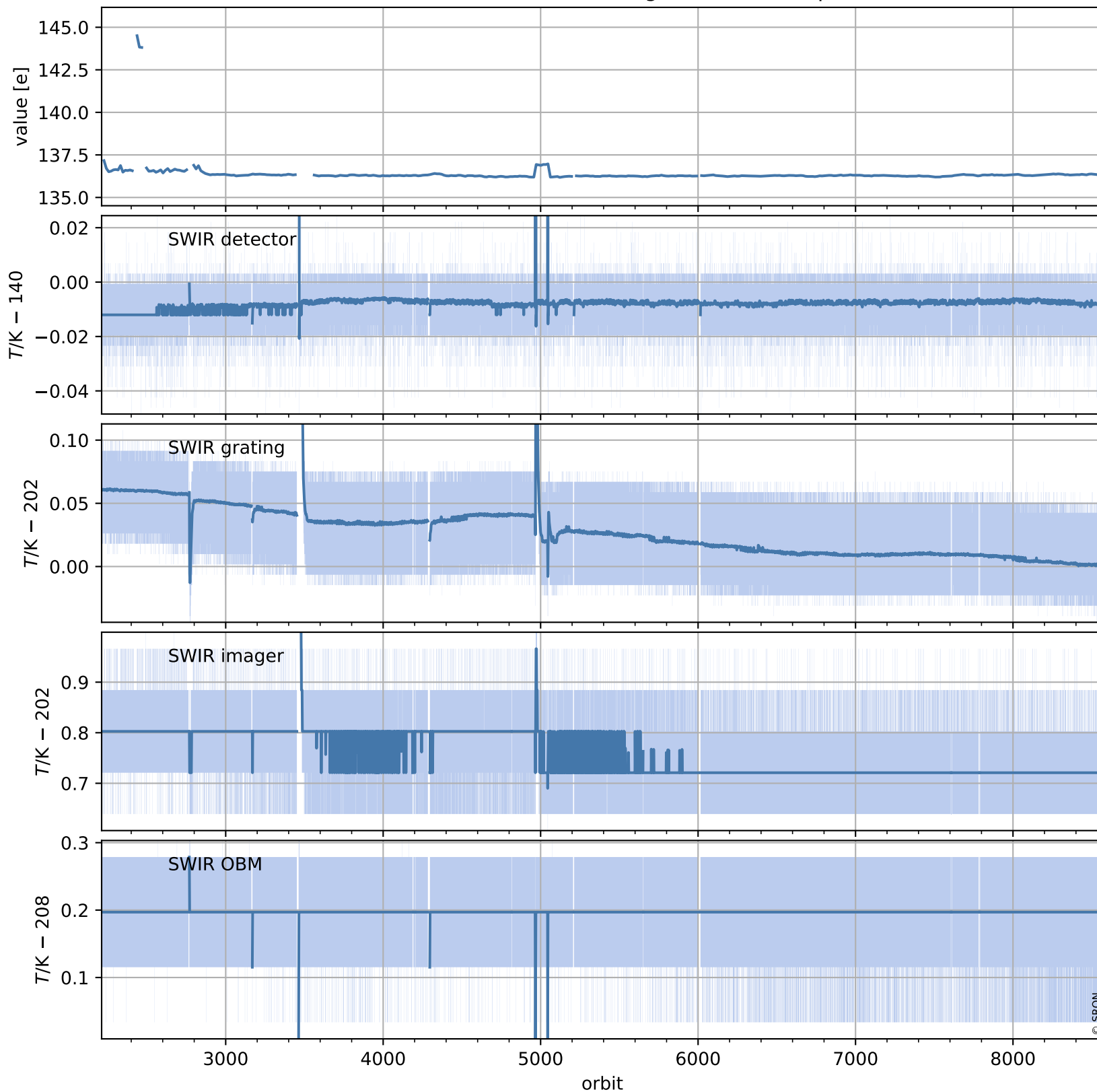
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8572]
coverage : 2018-03-18 / 2019-06-09
created : 2023-08-21T14:57:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8572]
coverage : 2018-03-18 / 2019-06-09
created : 2023-08-21T14:57:29

trend of normalized read-noise & temperatures

