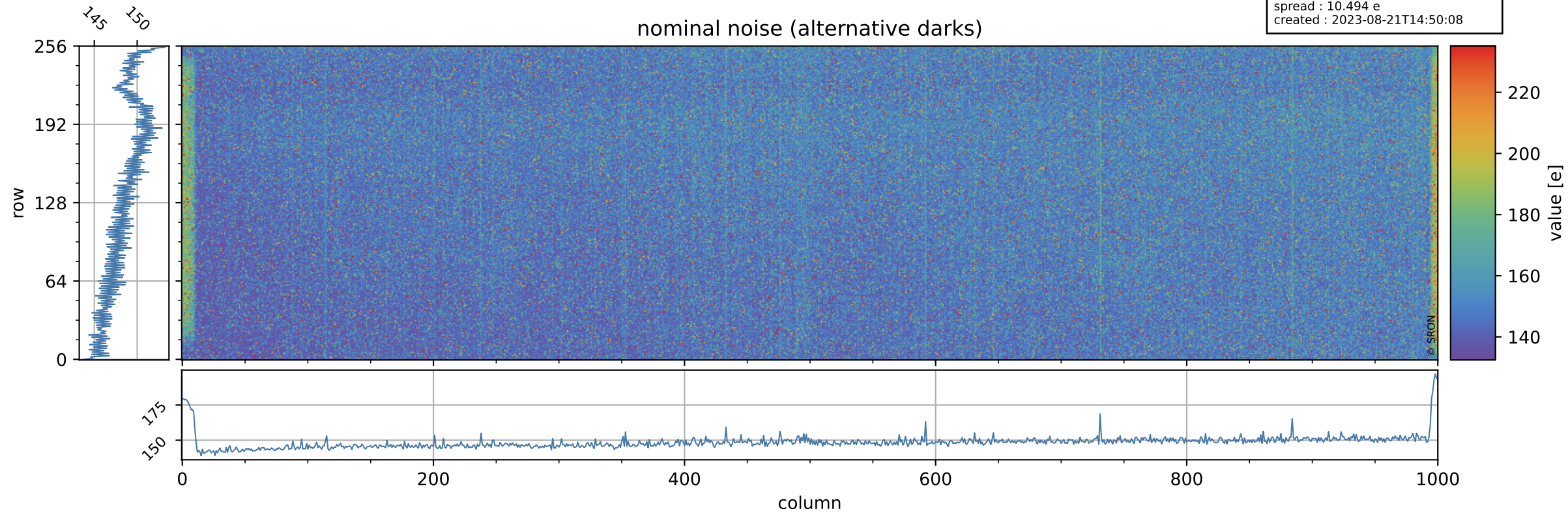


Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.494 e
created : 2023-08-21T14:50:08

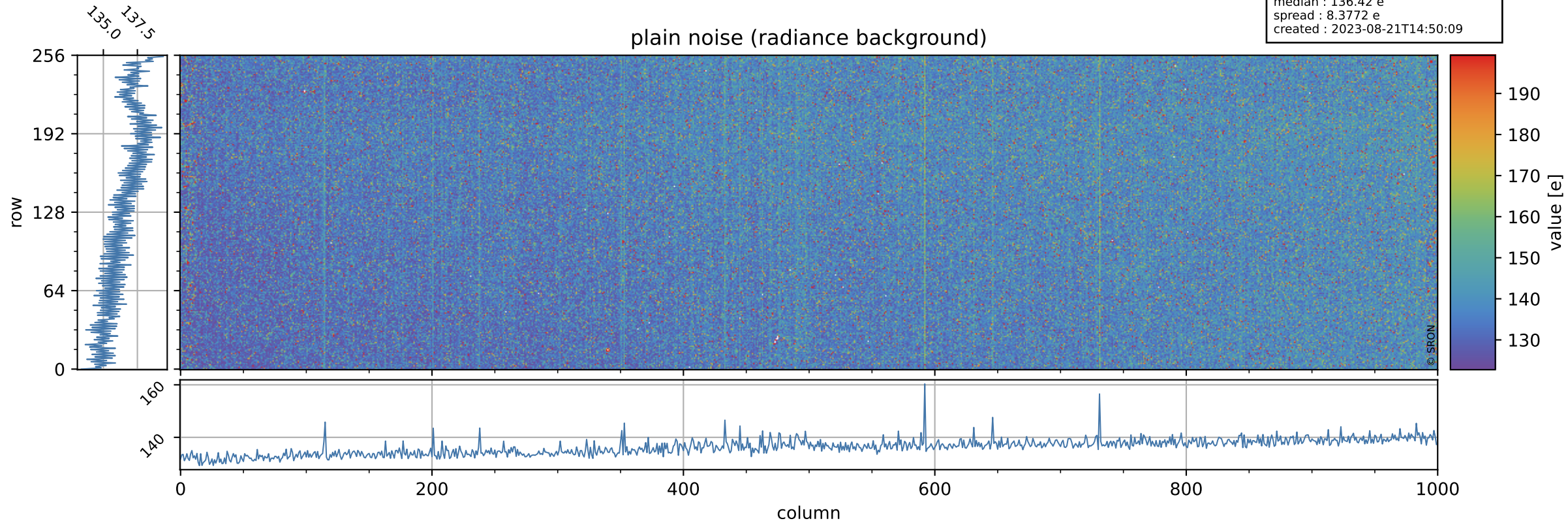
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
n_coad, t_exp : 2, 0.5383
median : 136.42 e
spread : 8.3772 e
created : 2023-08-21T14:50:09

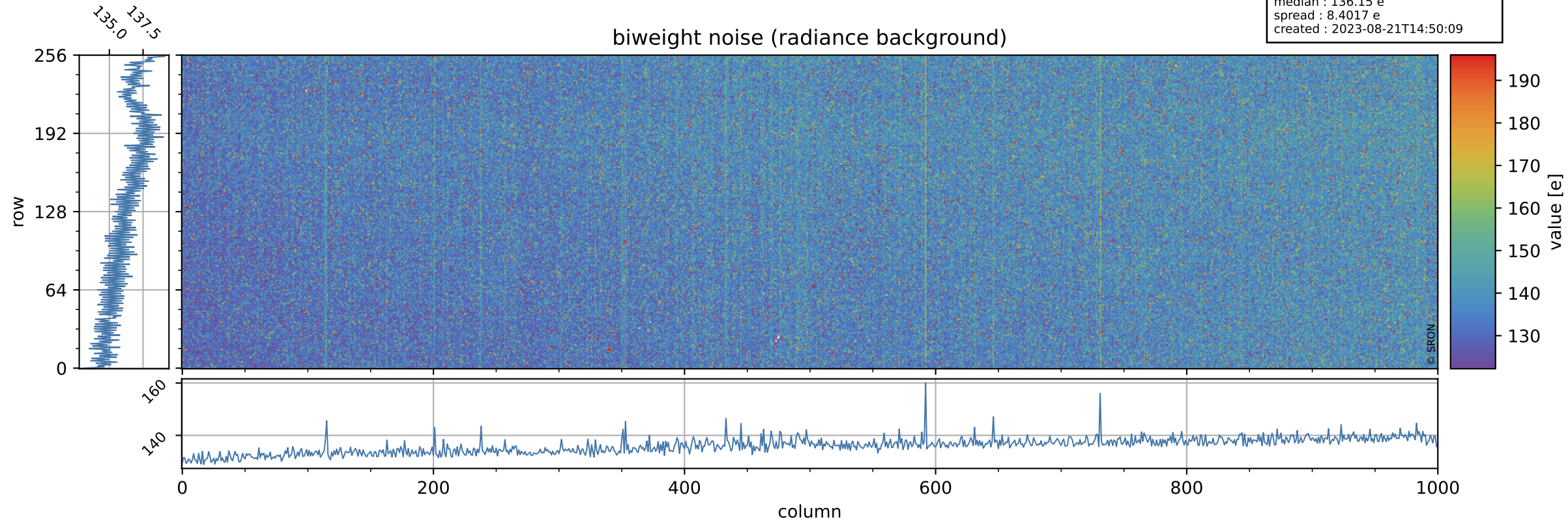
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.4017 e
created : 2023-08-21T14:50:09

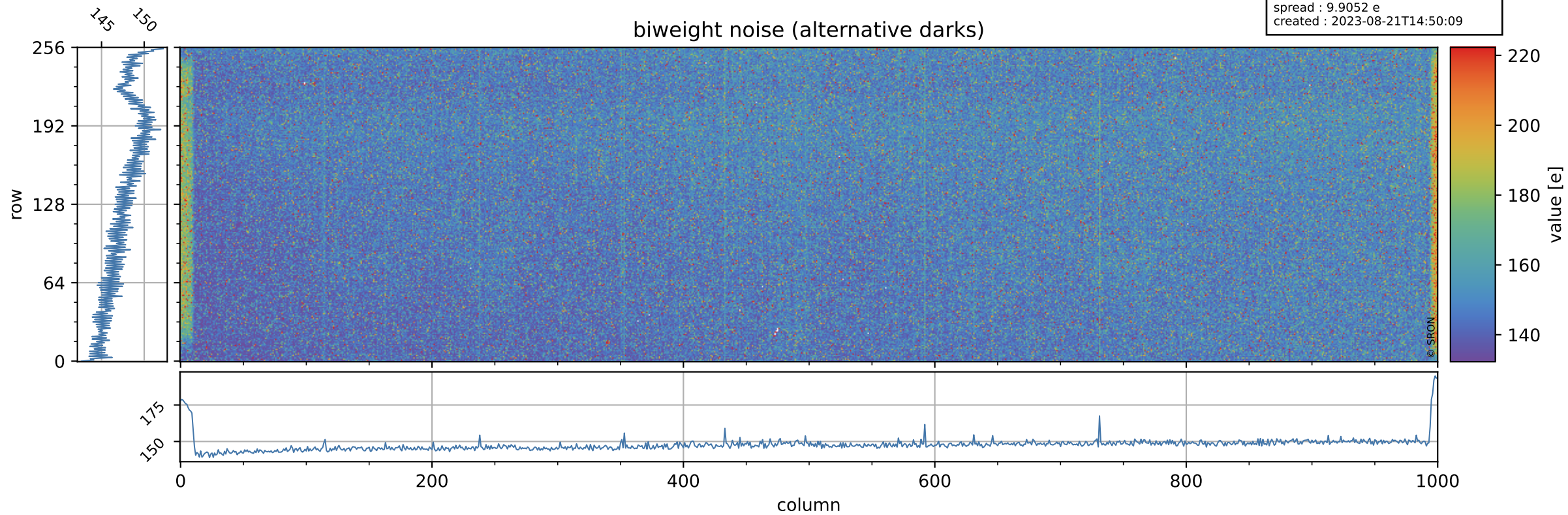
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9052 e
created : 2023-08-21T14:50:09

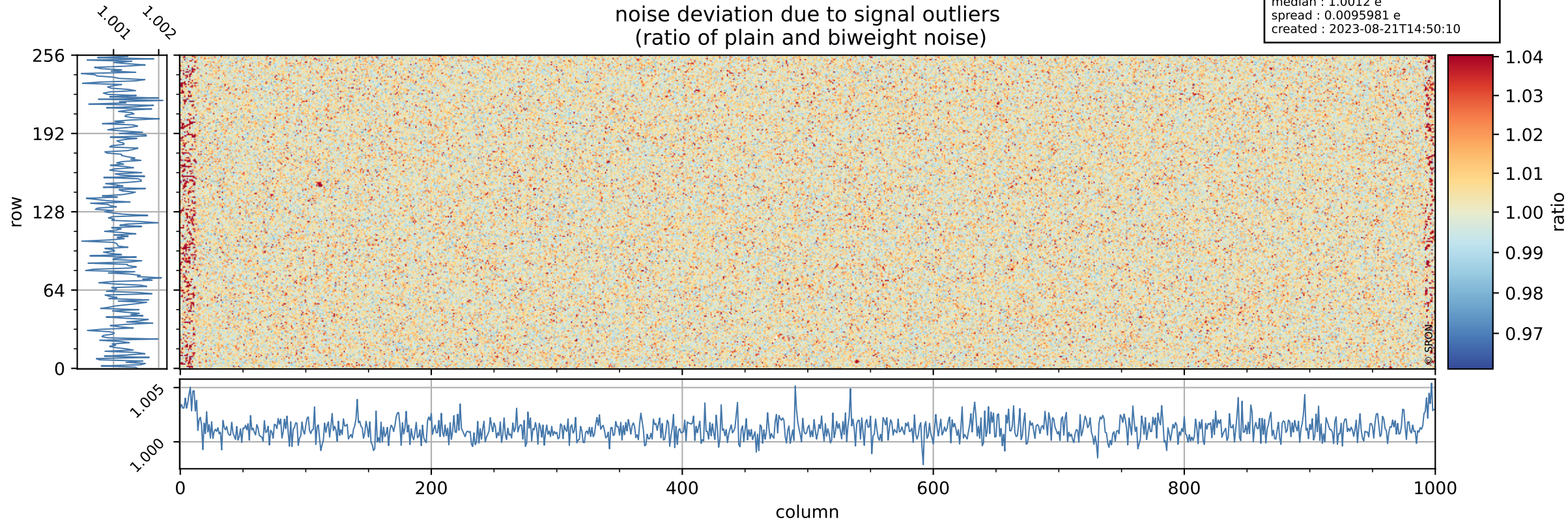
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

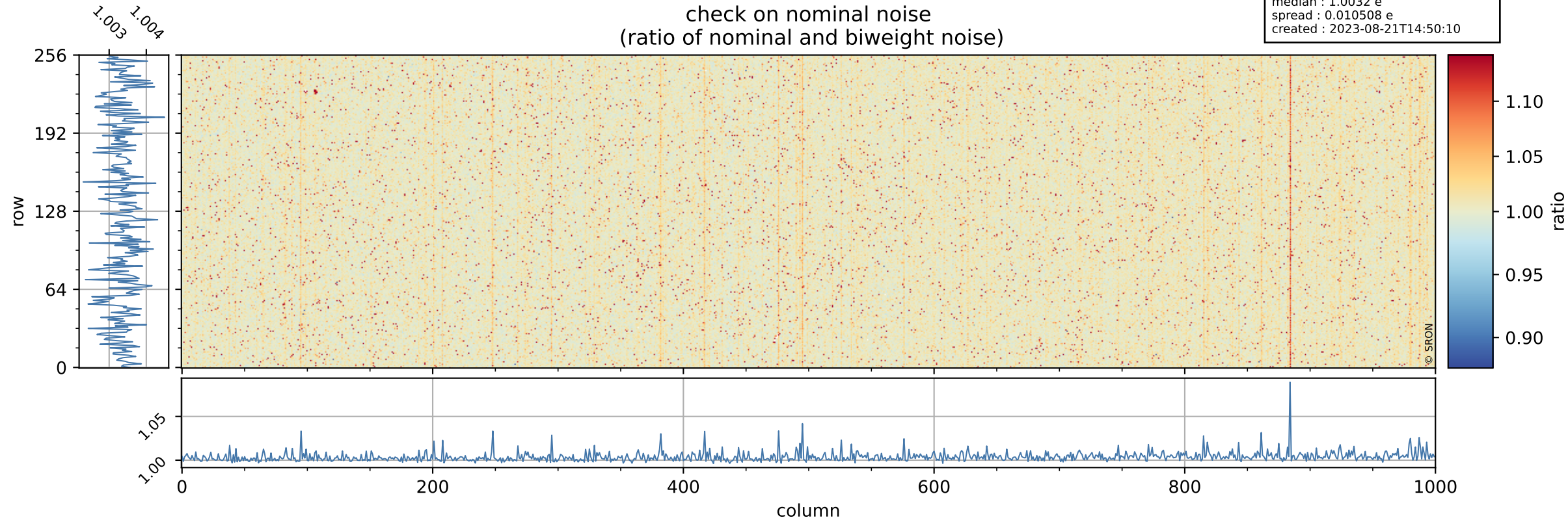
orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
median : 1.0012 e
spread : 0.0095981 e
created : 2023-08-21T14:50:10



Tropomi SWIR background noise (swir)

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

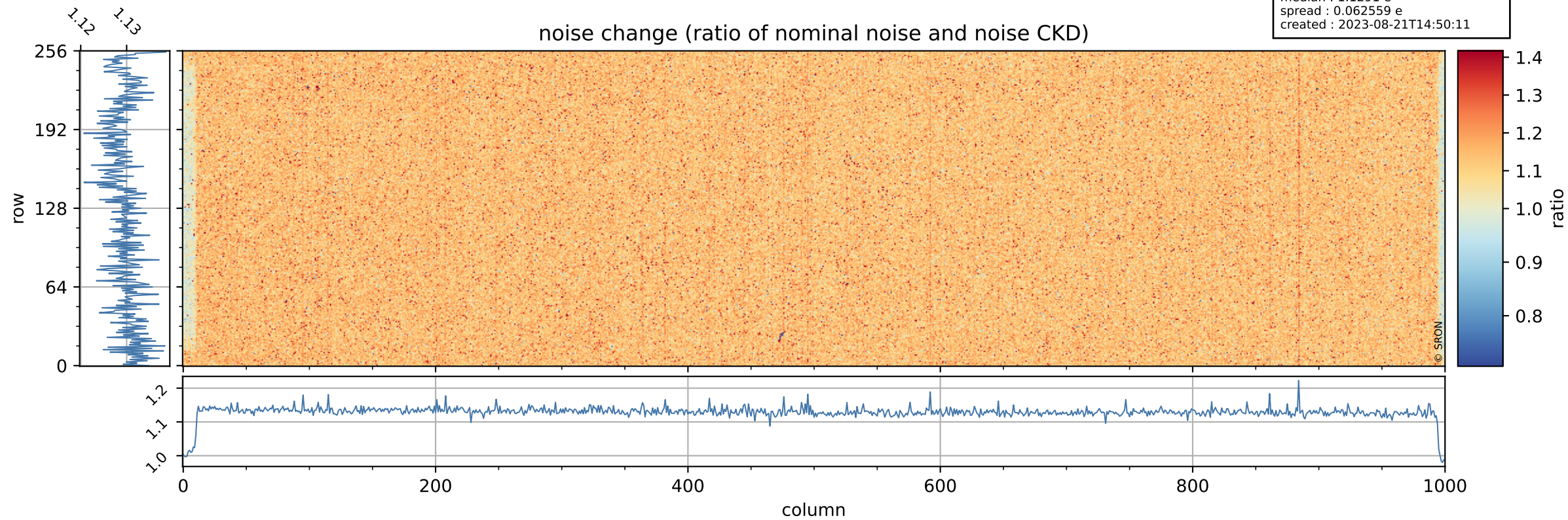
orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
median : 1.0032 e
spread : 0.010508 e
created : 2023-08-21T14:50:10



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
median : 1.1291 e
spread : 0.062559 e
created : 2023-08-21T14:50:11

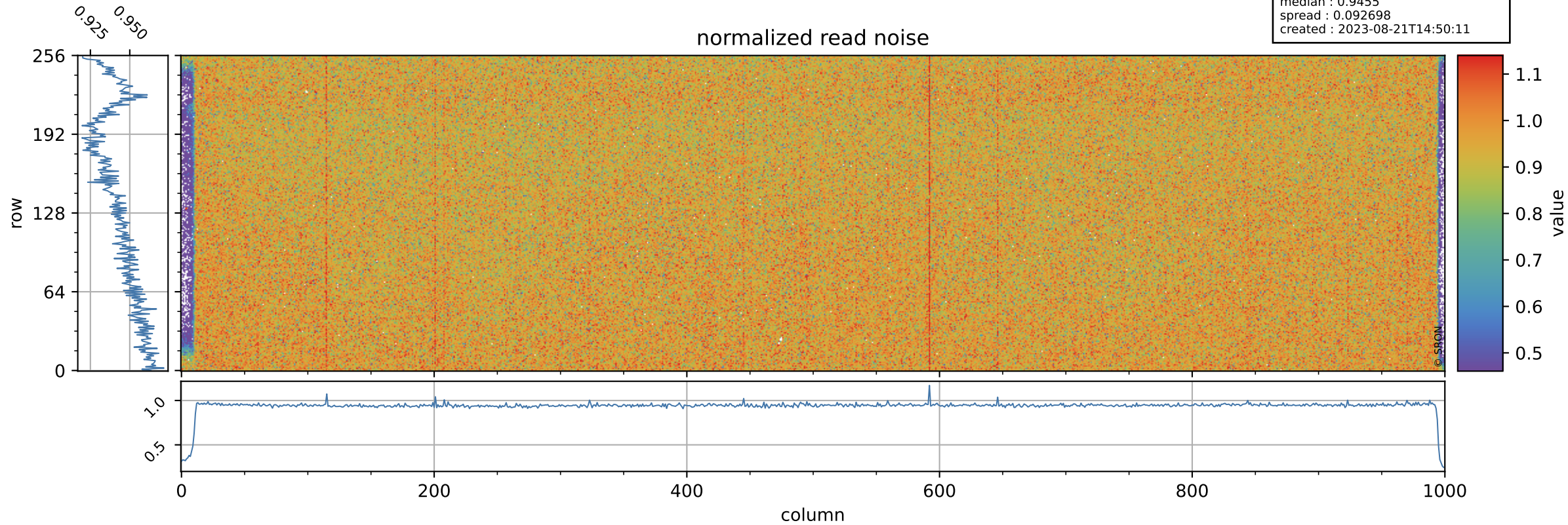
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

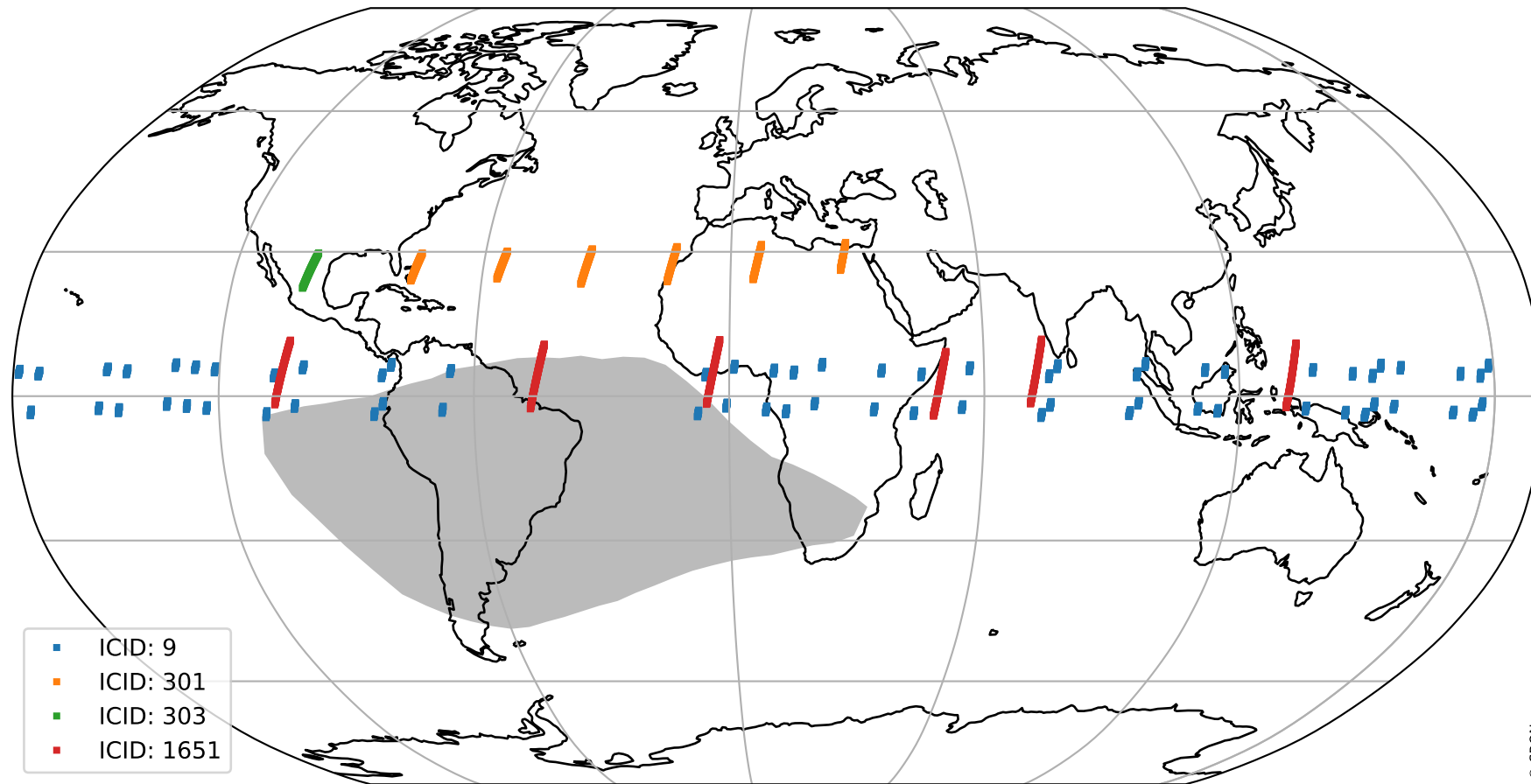
orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
median : 0.9455
spread : 0.092698
created : 2023-08-21T14:50:11

normalized read noise



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

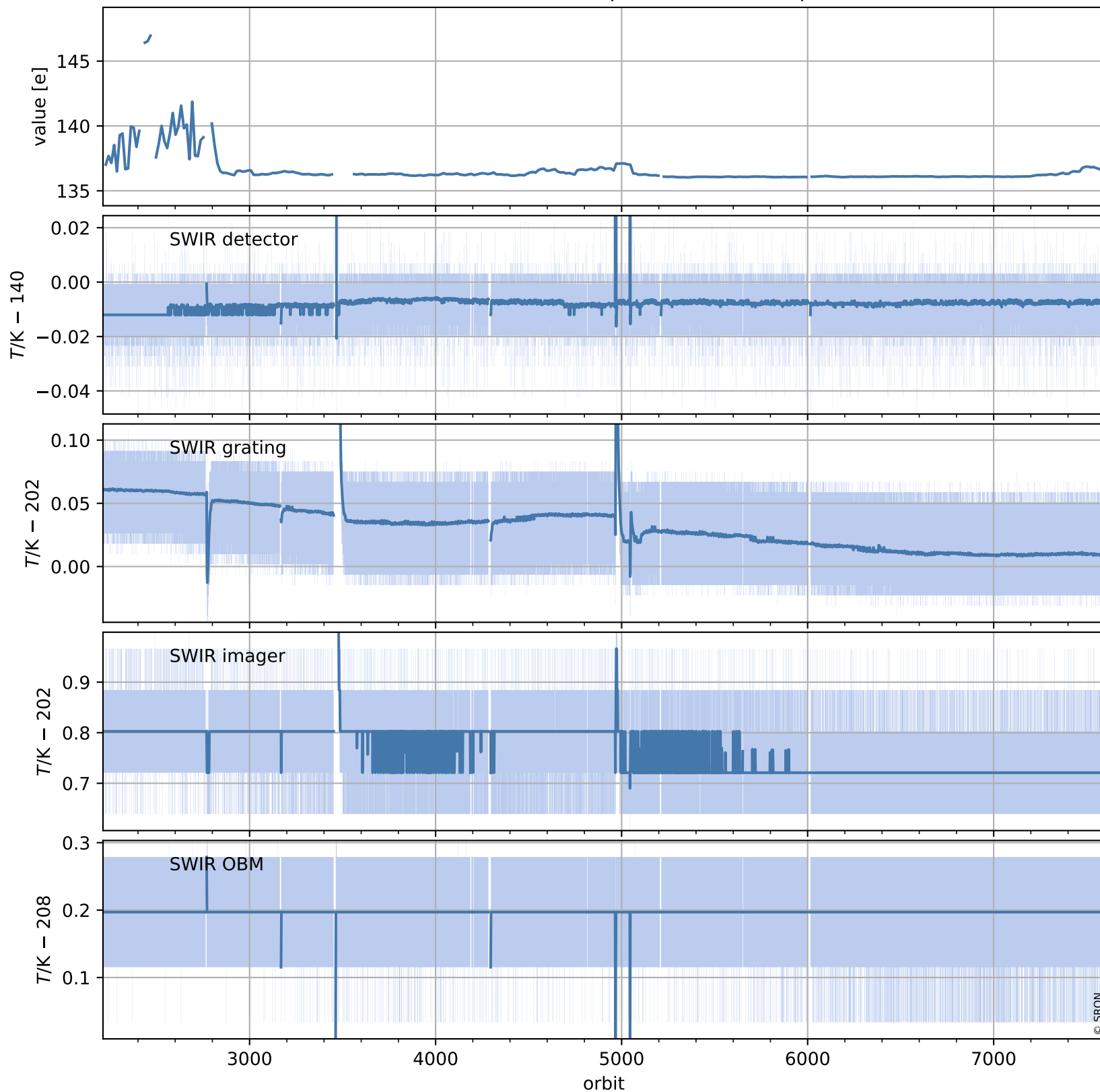
orbits : 13 in [7507, 7597]
coverage : 2019-03-26 / 2019-04-01
created : 2023-08-21T14:50:11



Tropomi SWIR background noise (swir)

orbits : [2212, 7597]
coverage : 2018-03-18 / 2019-04-01
created : 2023-08-21T14:50:12

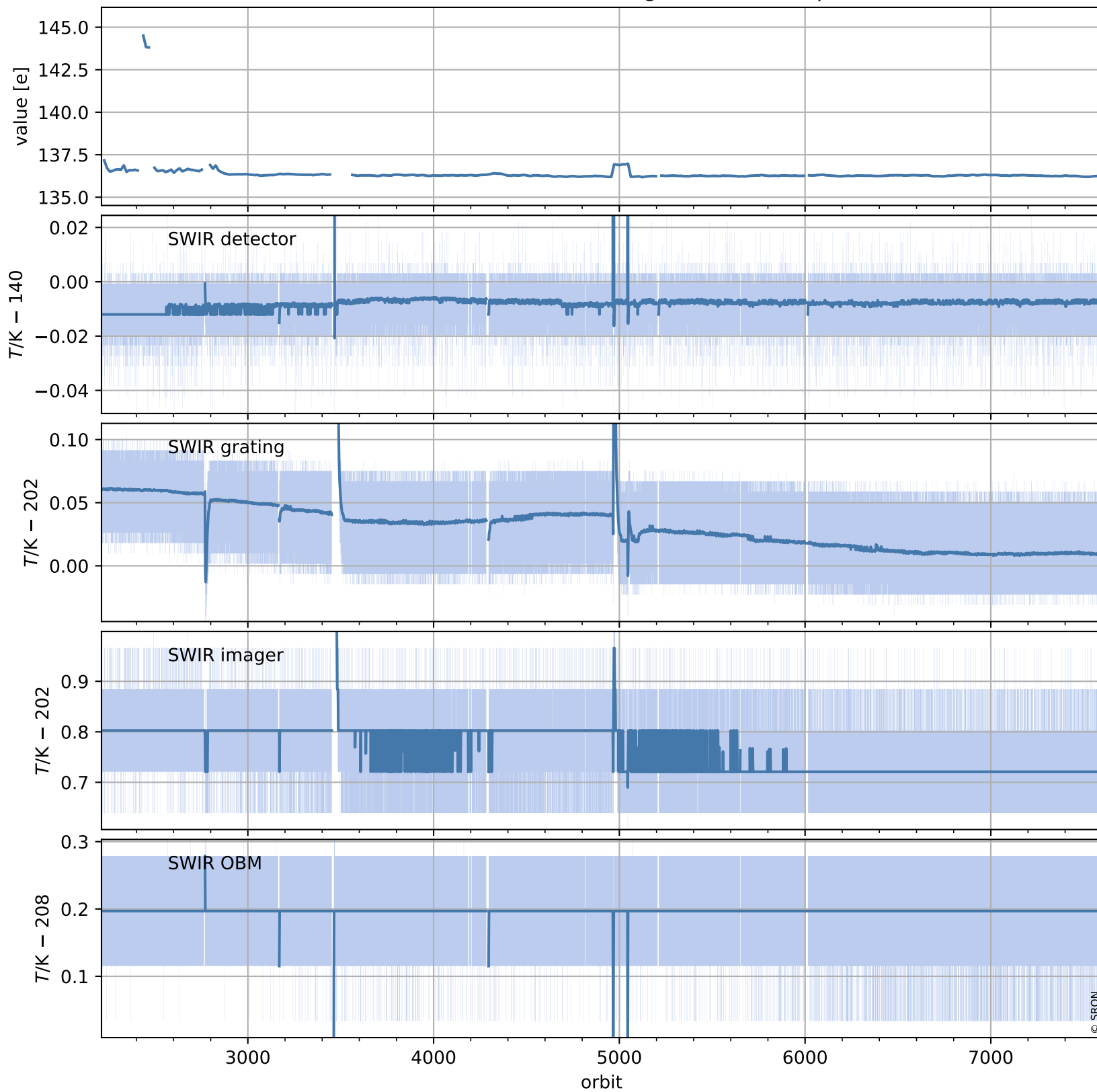
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7597]
coverage : 2018-03-18 / 2019-04-01
created : 2023-08-21T14:50:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7597]
coverage : 2018-03-18 / 2019-04-01
created : 2023-08-21T14:50:14

trend of normalized read-noise & temperatures

