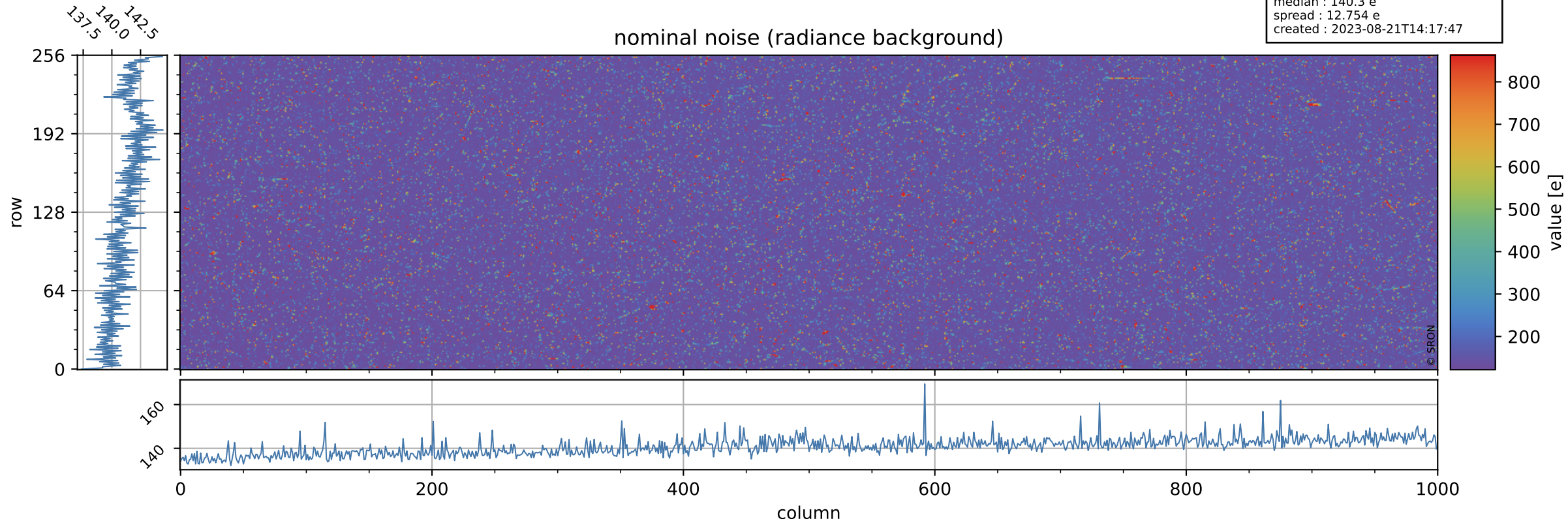


Tropomi SWIR background noise (swir)

orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
n_coad, t_exp : 2, 0.5383
median : 140.3 e
spread : 12.754 e
created : 2023-08-21T14:17:47

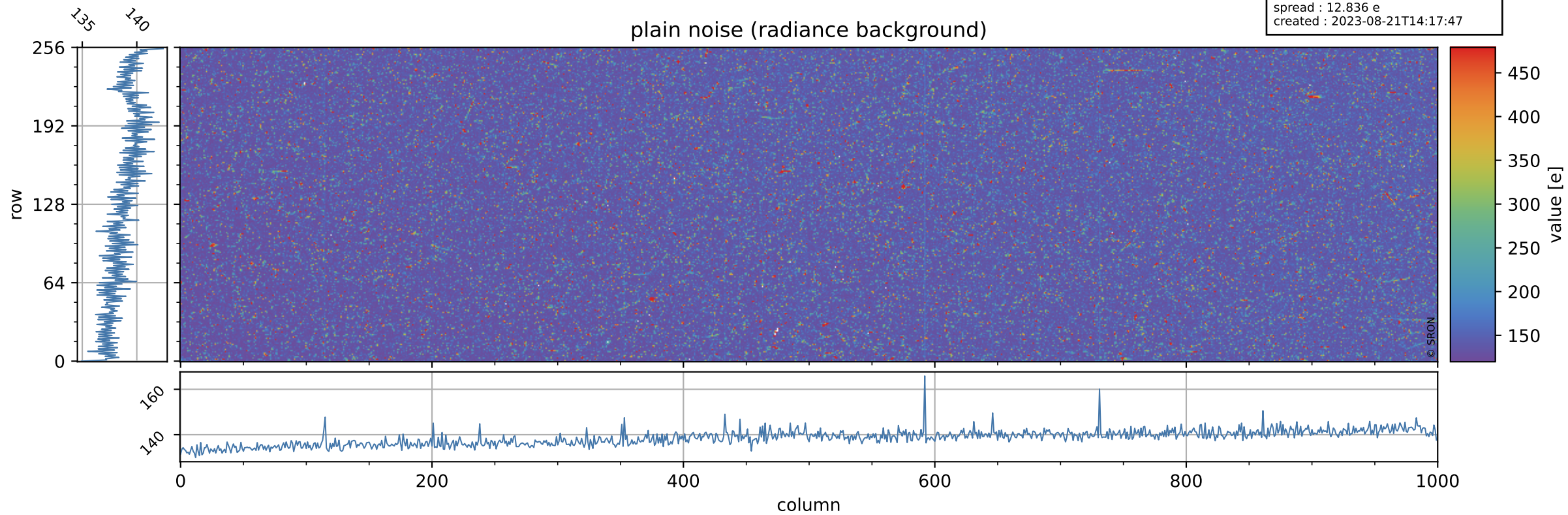
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

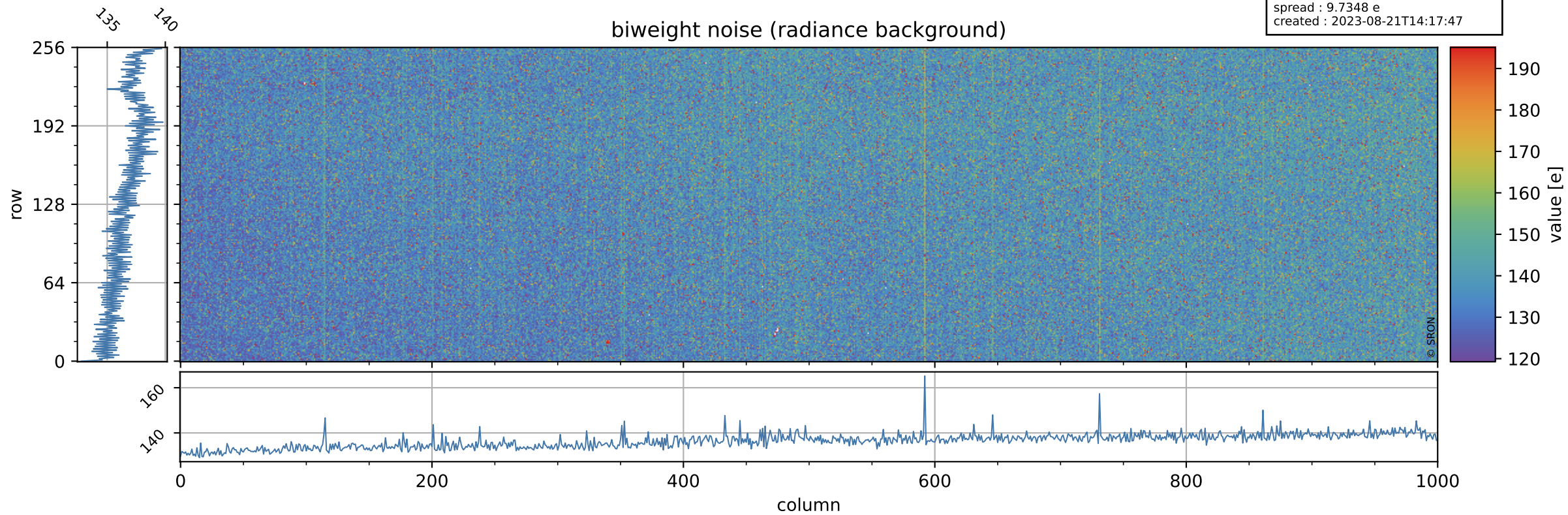
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
n_coad, t_exp : 2, 0.5383
median : 138.12 e
spread : 12.836 e
created : 2023-08-21T14:17:47

plain noise (radiance background)



Tropomi SWIR background noise (swir)

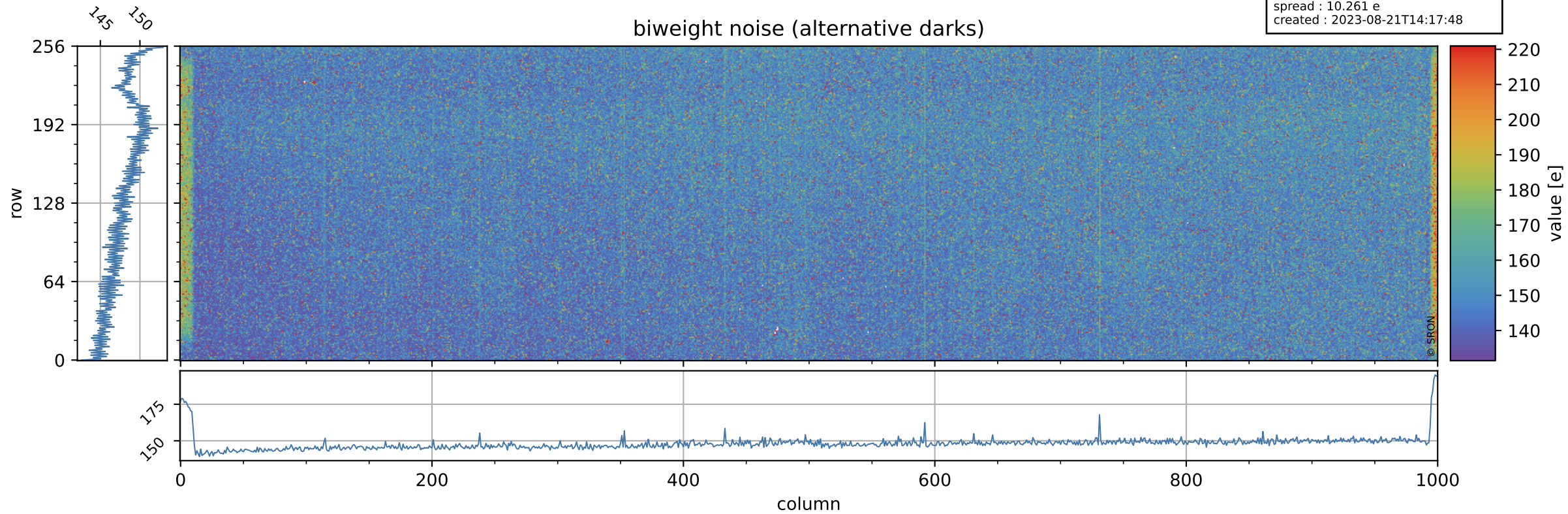
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
n_coad, t_exp : 2, 0.5383
median : 136.48 e
spread : 9.7348 e
created : 2023-08-21T14:17:47



Tropomi SWIR background noise (swir)

orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.261 e
created : 2023-08-21T14:17:48

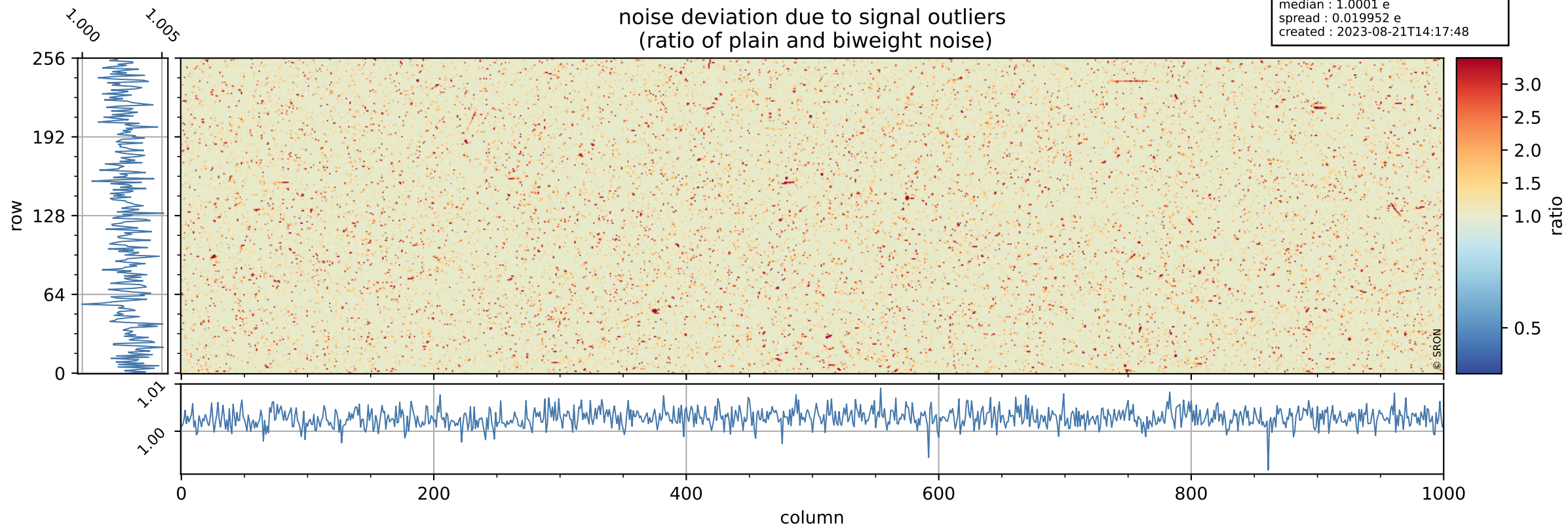
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

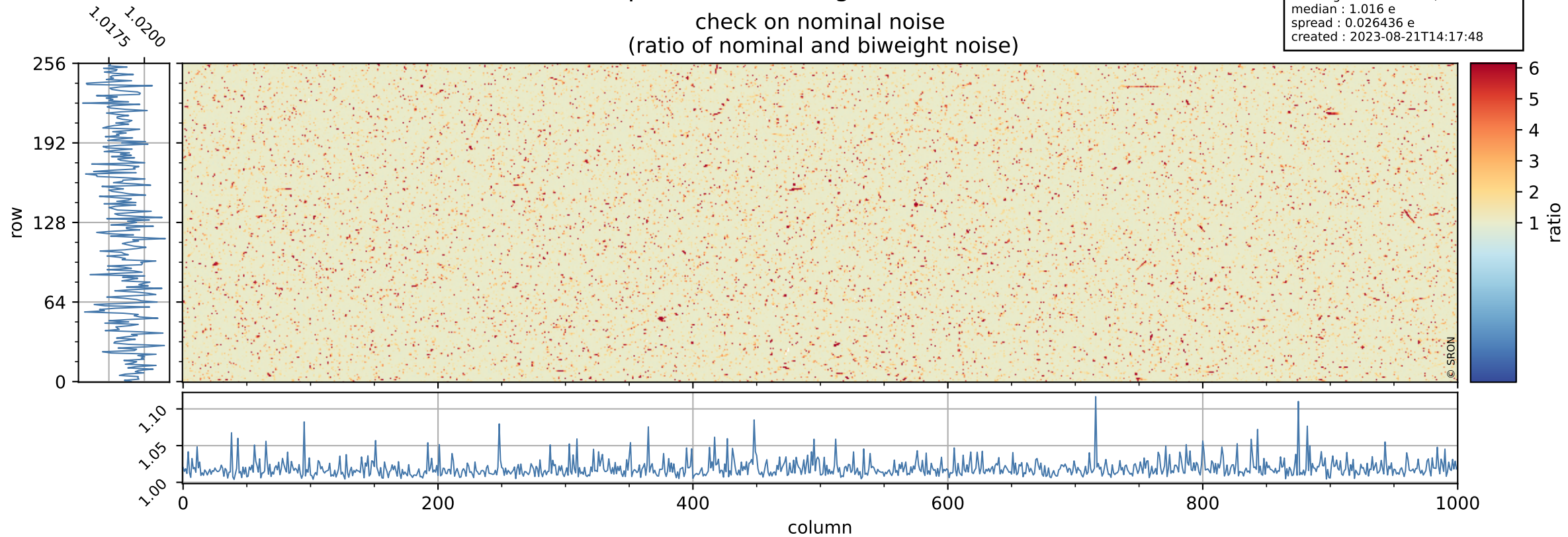
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
median : 1.0001 e
spread : 0.019952 e
created : 2023-08-21T14:17:48



Tropomi SWIR background noise (swir)

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

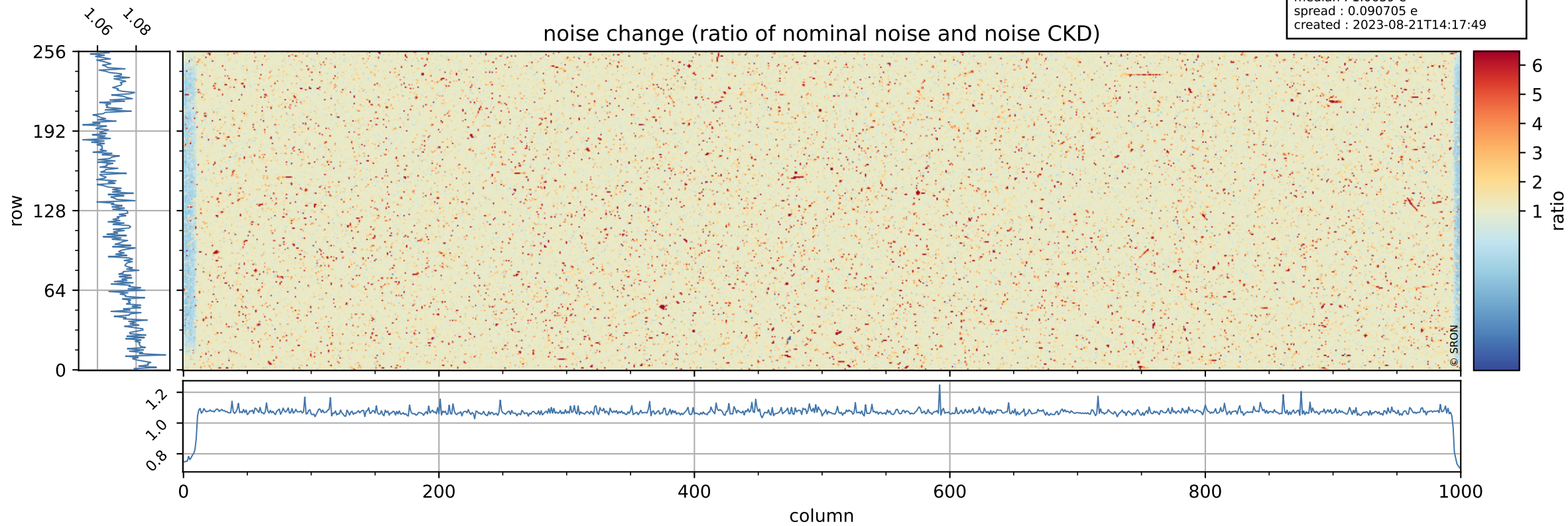
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
median : 1.016 e
spread : 0.026436 e
created : 2023-08-21T14:17:48



Tropomi SWIR background noise (swir)

orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
median : 1.0639 e
spread : 0.090705 e
created : 2023-08-21T14:17:49

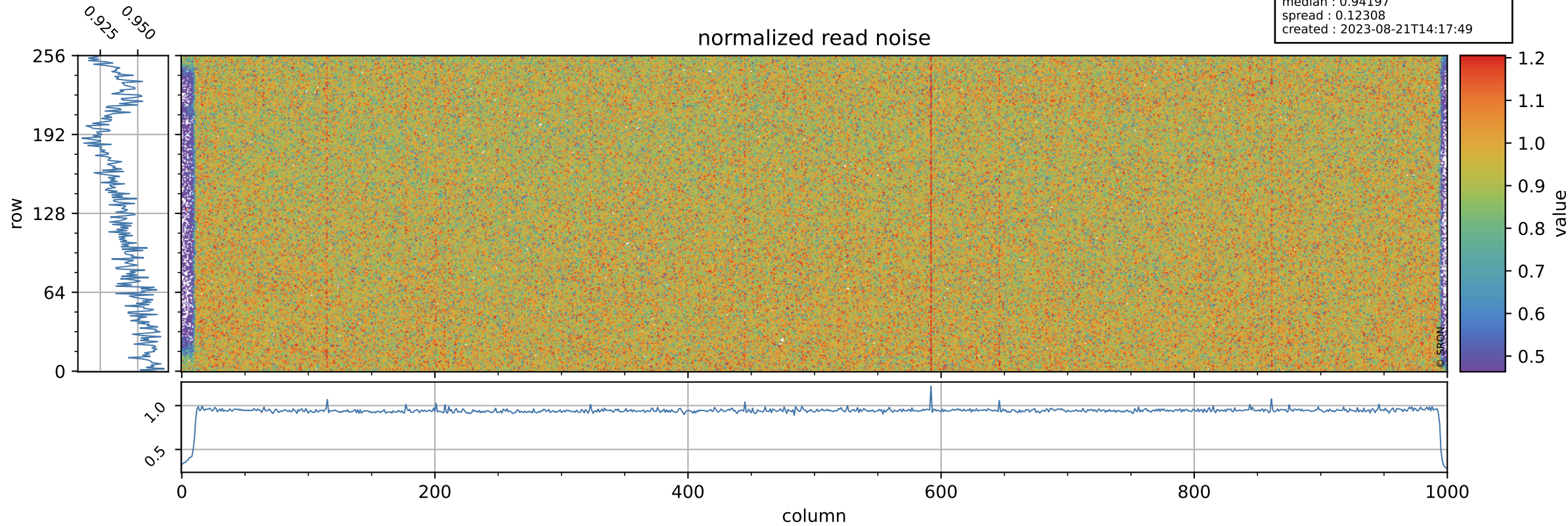
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

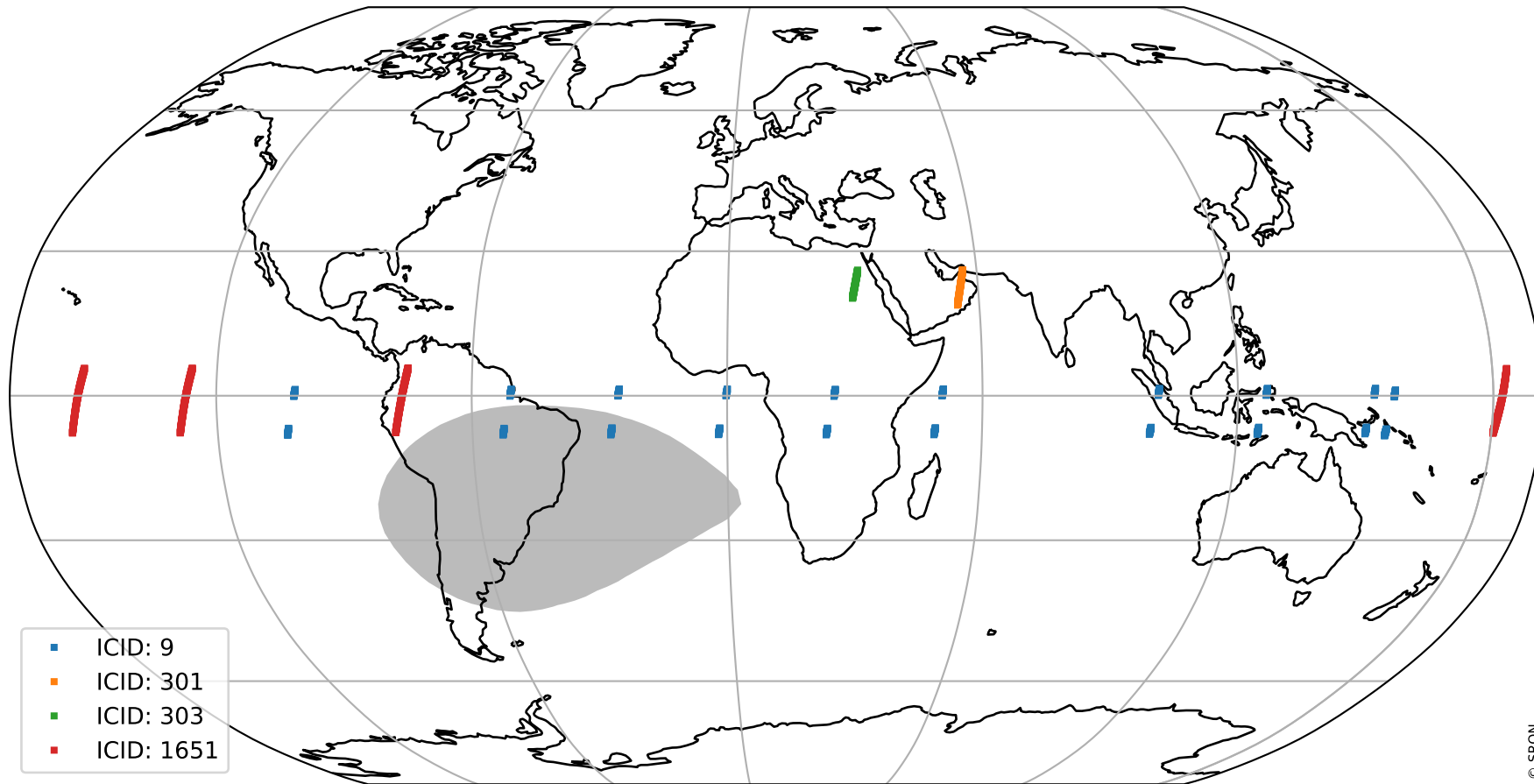
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
median : 0.94197
spread : 0.12308
created : 2023-08-21T14:17:49

normalized read noise



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

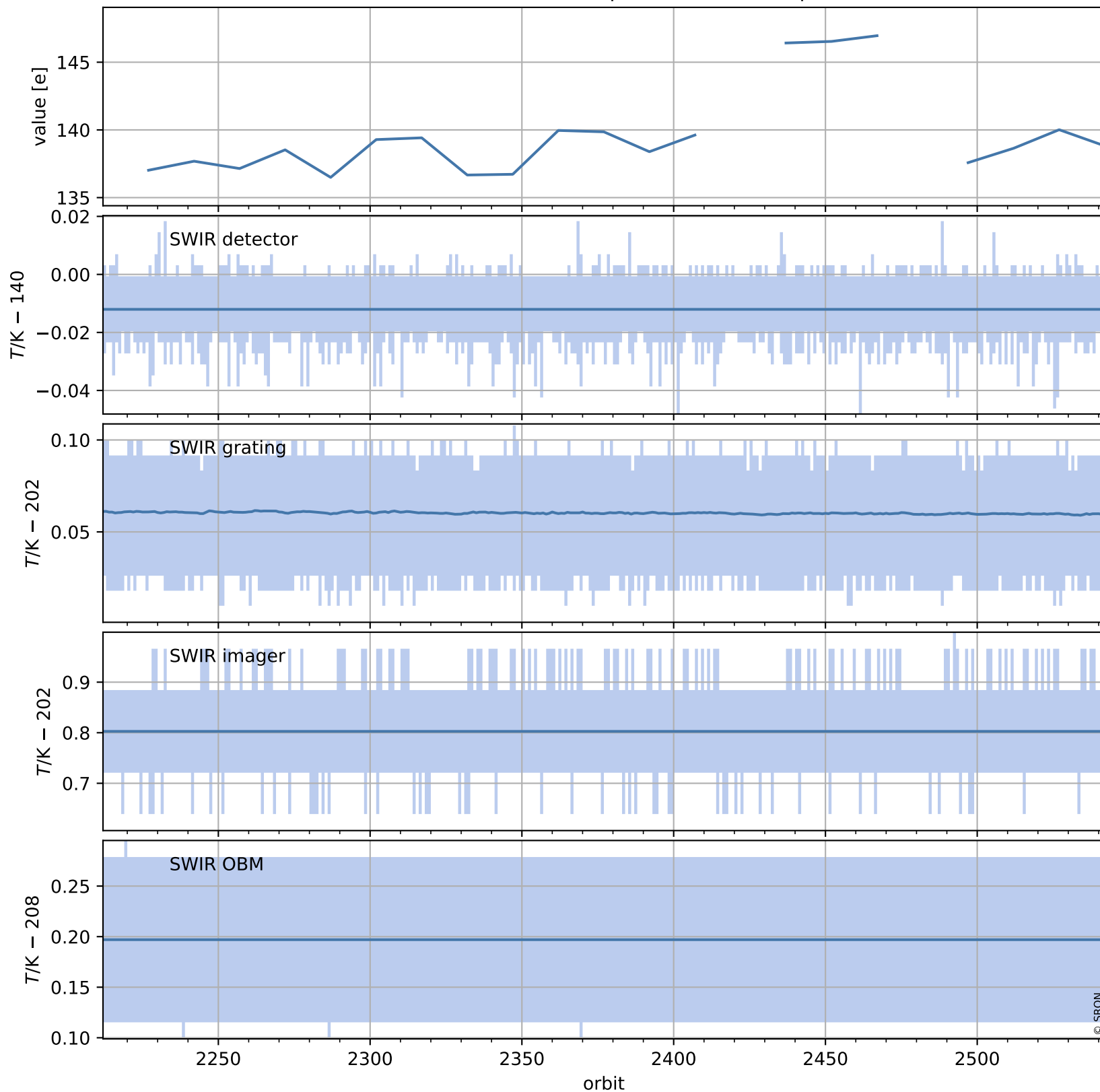
orbits : 10 in [2527, 2542]
coverage : 2018-04-09 / 2018-04-10
created : 2023-08-21T14:17:49



Tropomi SWIR background noise (swir)

orbits : [2212, 2542]
coverage : 2018-03-18 / 2018-04-10
created : 2023-08-21T14:17:49

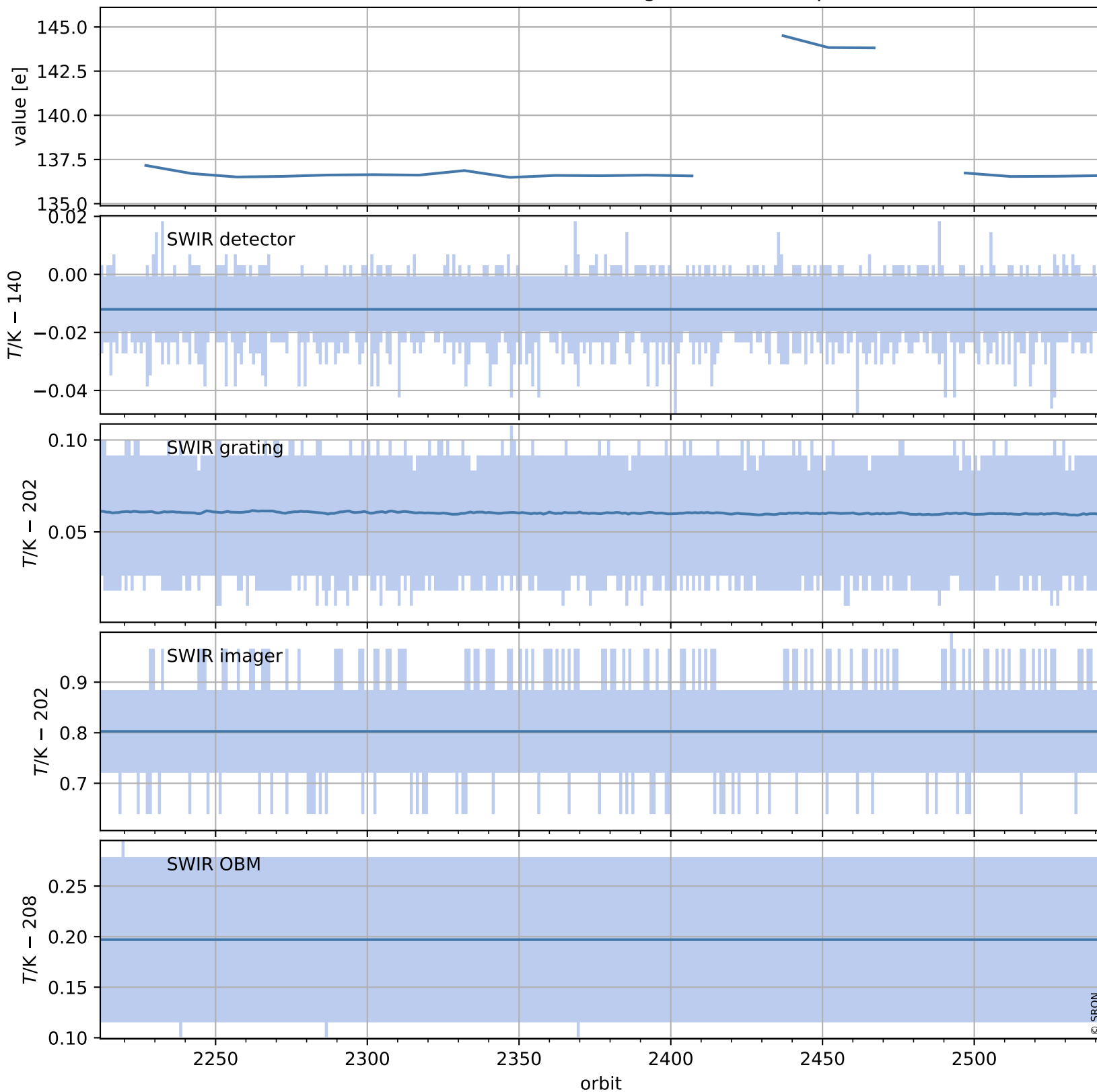
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2542]
coverage : 2018-03-18 / 2018-04-10
created : 2023-08-21T14:17:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2542]
coverage : 2018-03-18 / 2018-04-10
created : 2023-08-21T14:17:50

trend of normalized read-noise & temperatures

