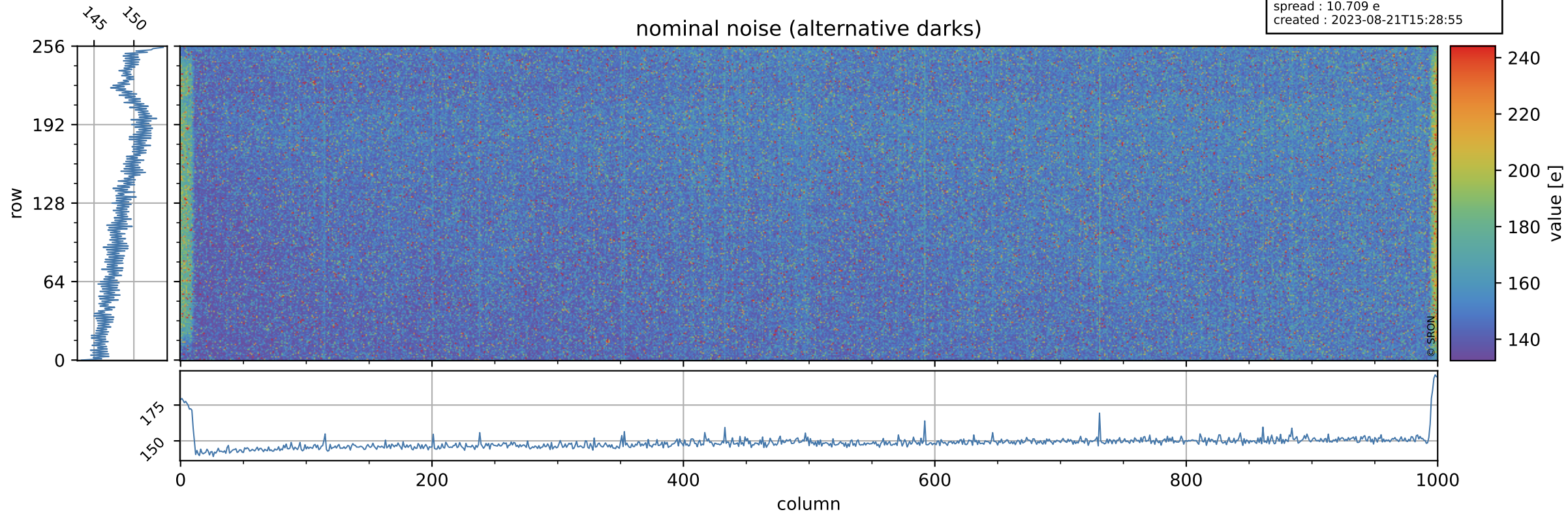


Tropomi SWIR background noise (swir)

orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.709 e
created : 2023-08-21T15:28:55

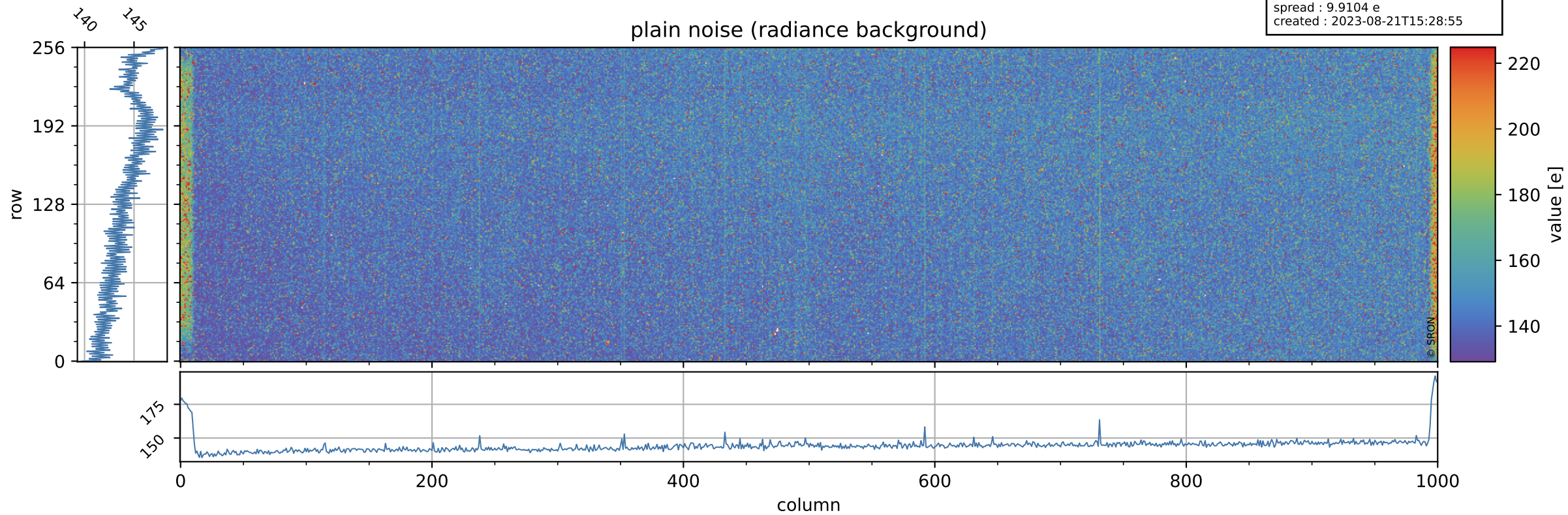
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
n_coad, t_exp : 1, 0.8383
median : 143.97 e
spread : 9.9104 e
created : 2023-08-21T15:28:55

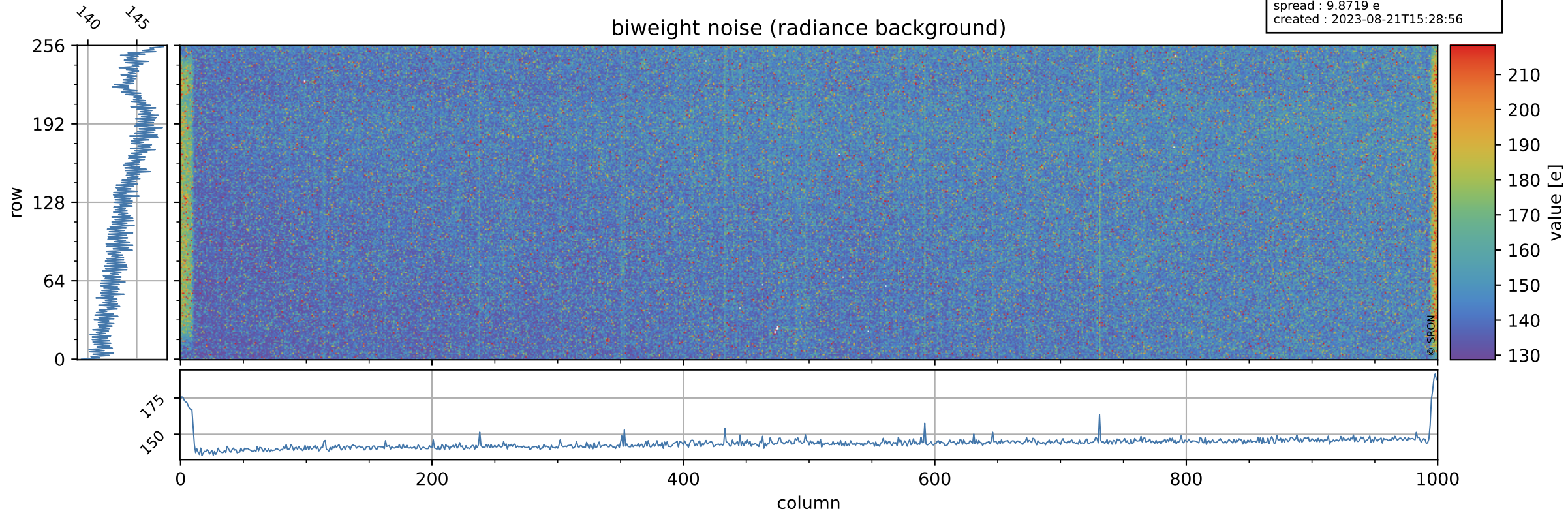
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8719 e
created : 2023-08-21T15:28:56

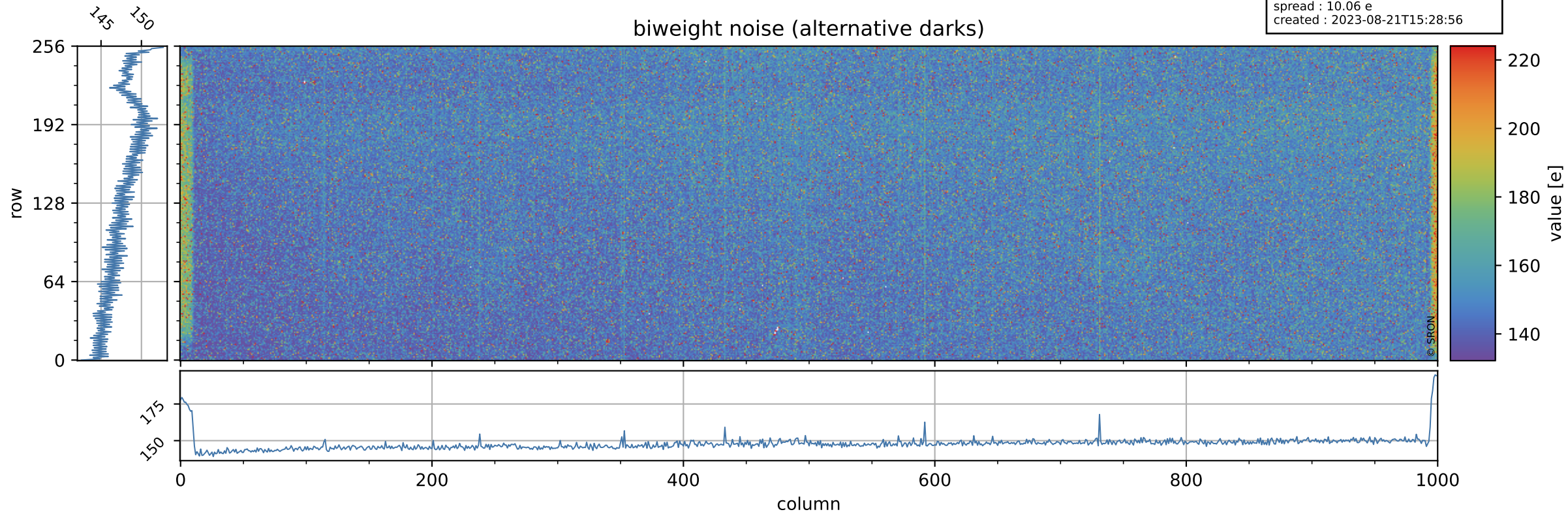
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.06 e
created : 2023-08-21T15:28:56

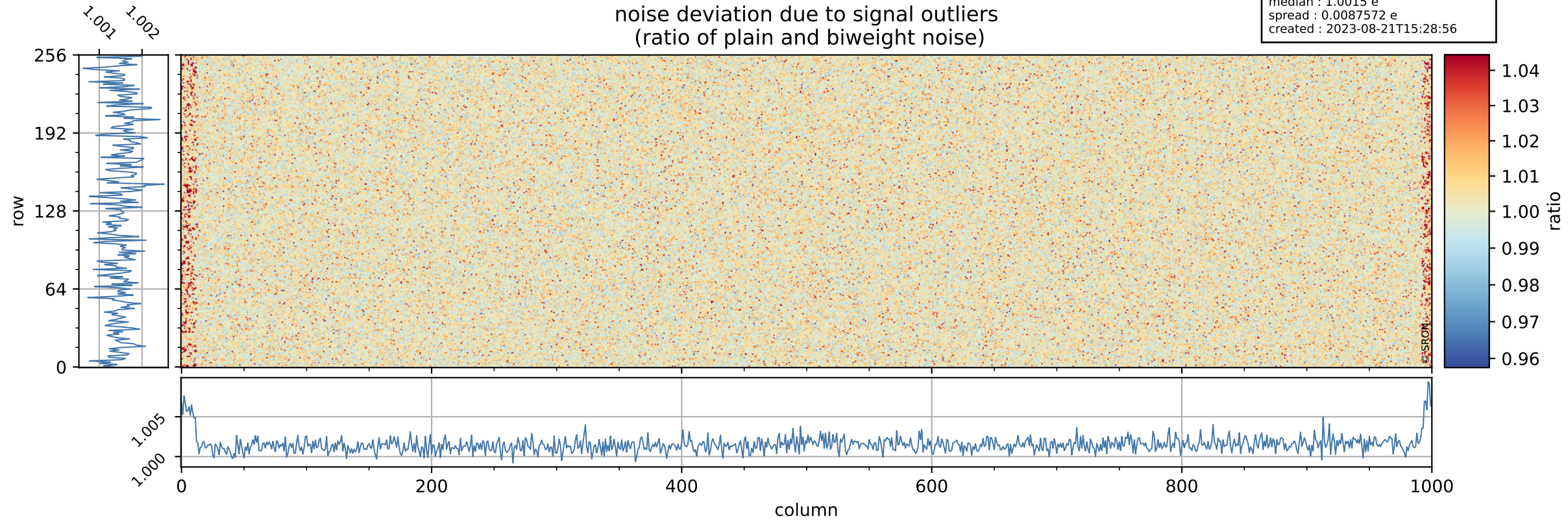
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

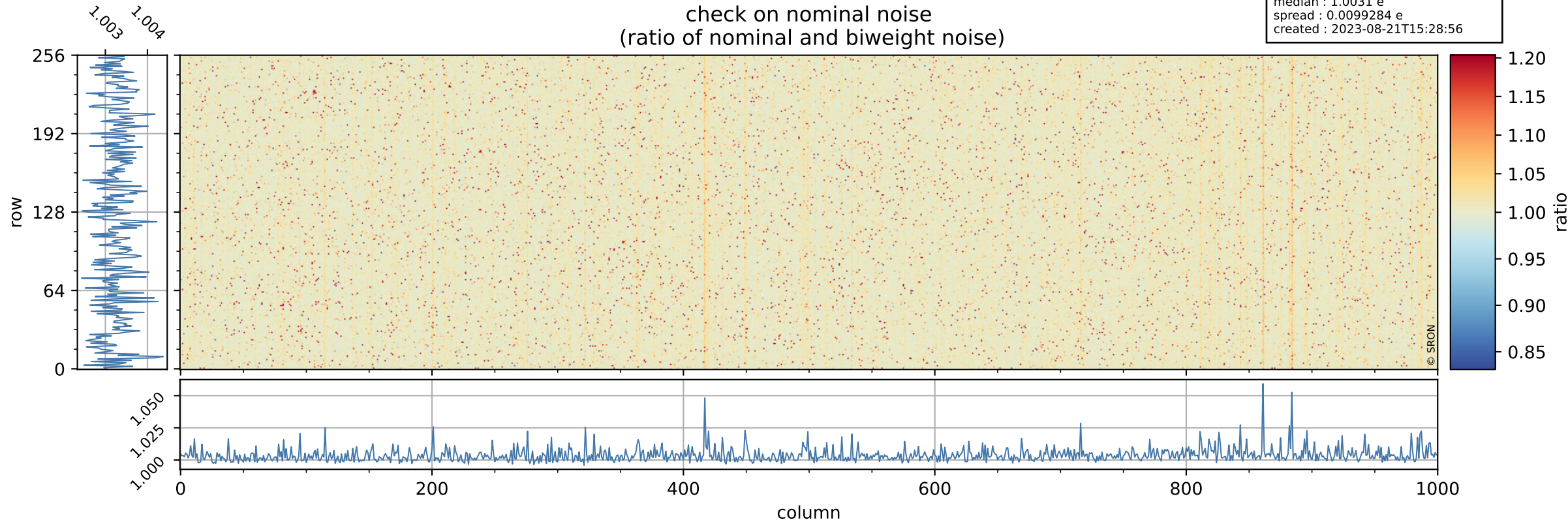
orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
median : 1.0015 e
spread : 0.0087572 e
created : 2023-08-21T15:28:56



Tropomi SWIR background noise (swir)

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

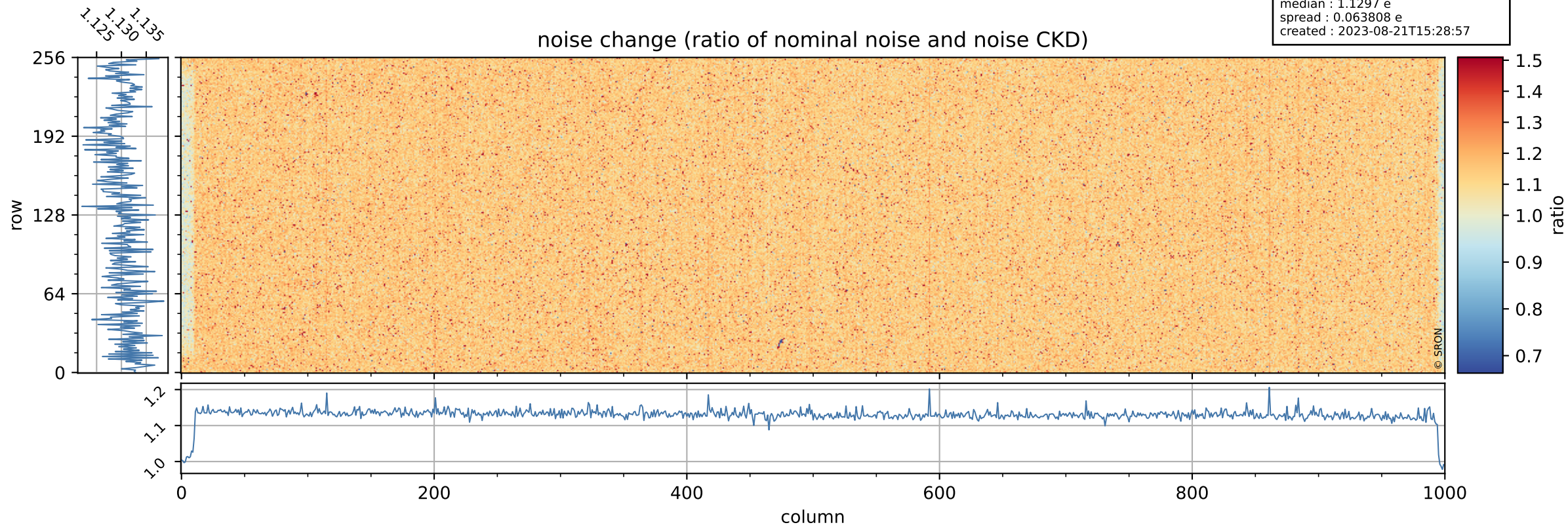
orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
median : 1.0031 e
spread : 0.0099284 e
created : 2023-08-21T15:28:56



Tropomi SWIR background noise (swir)

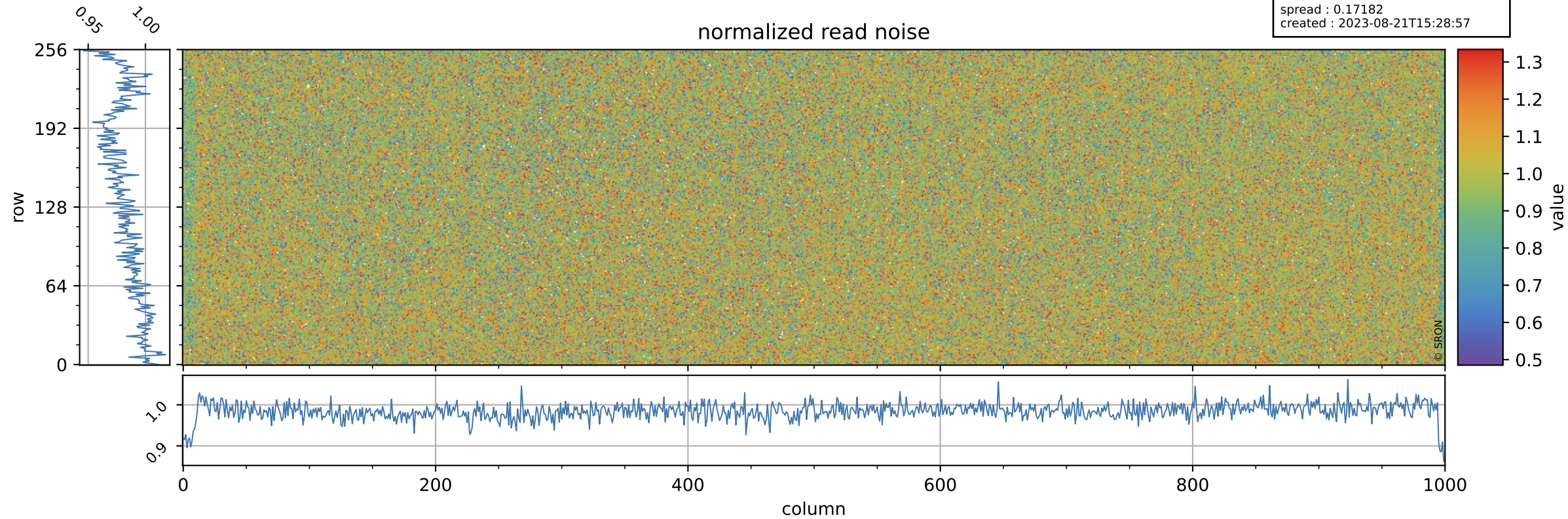
orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
median : 1.1297 e
spread : 0.063808 e
created : 2023-08-21T15:28:57

noise change (ratio of nominal noise and noise CKD)



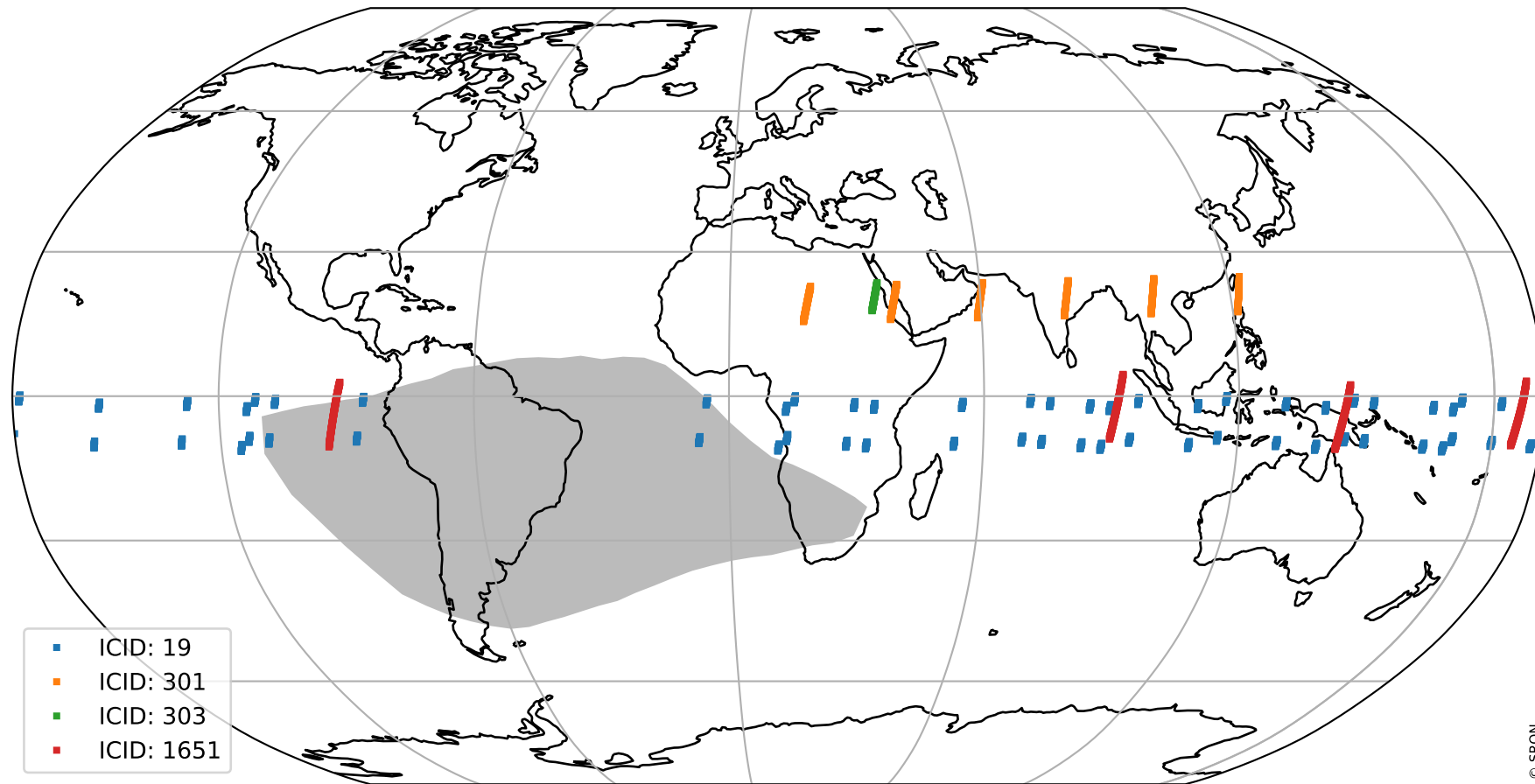
Tropomi SWIR background noise (swir)

orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
median : 0.98293
spread : 0.17182
created : 2023-08-21T15:28:57



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

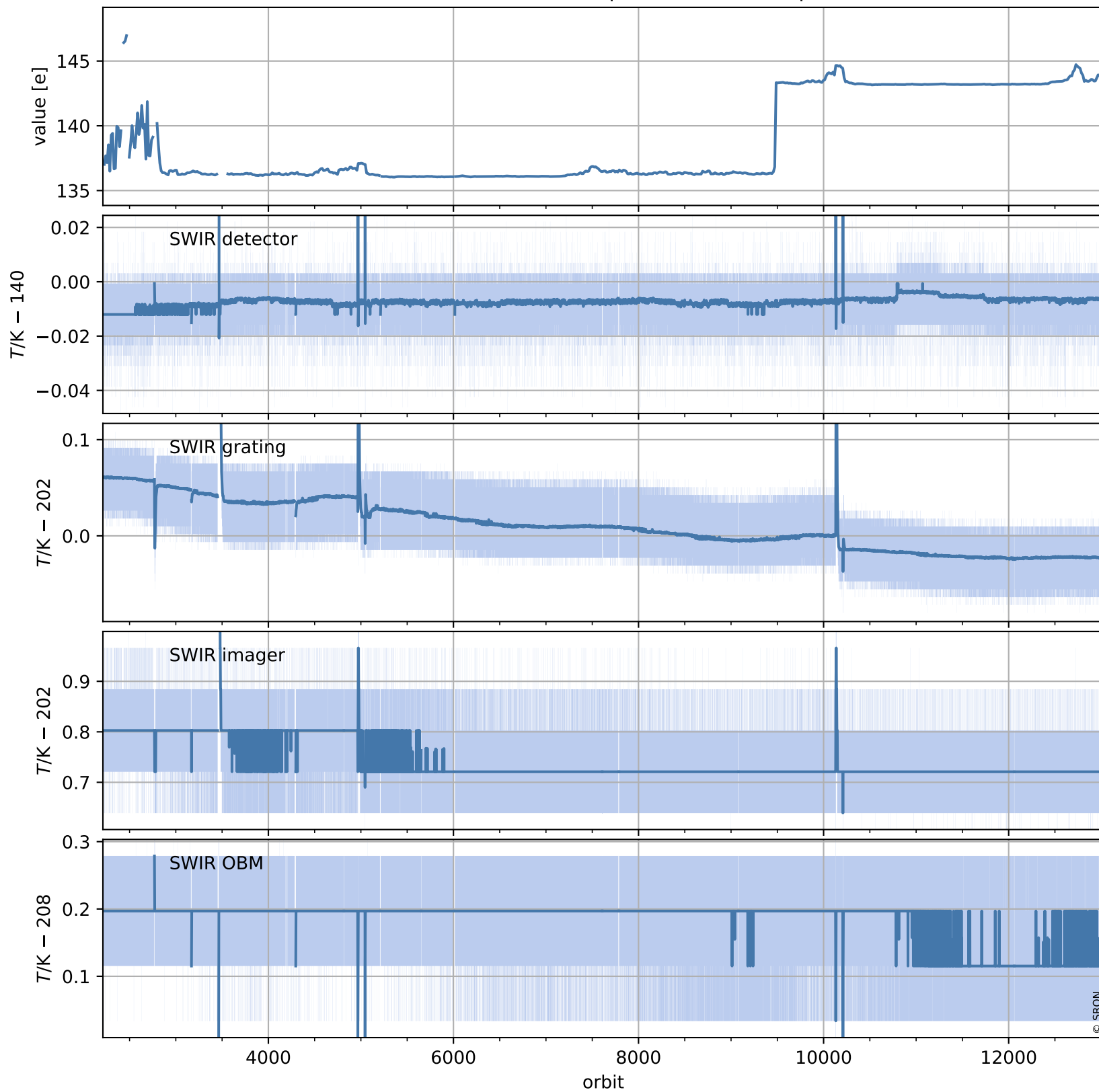
orbits : 12 in [12937, 13027]
coverage : 2020-04-12 / 2020-04-18
created : 2023-08-21T15:28:57



Tropomi SWIR background noise (swir)

orbits : [2212, 13027]
coverage : 2018-03-18 / 2020-04-18
created : 2023-08-21T15:28:58

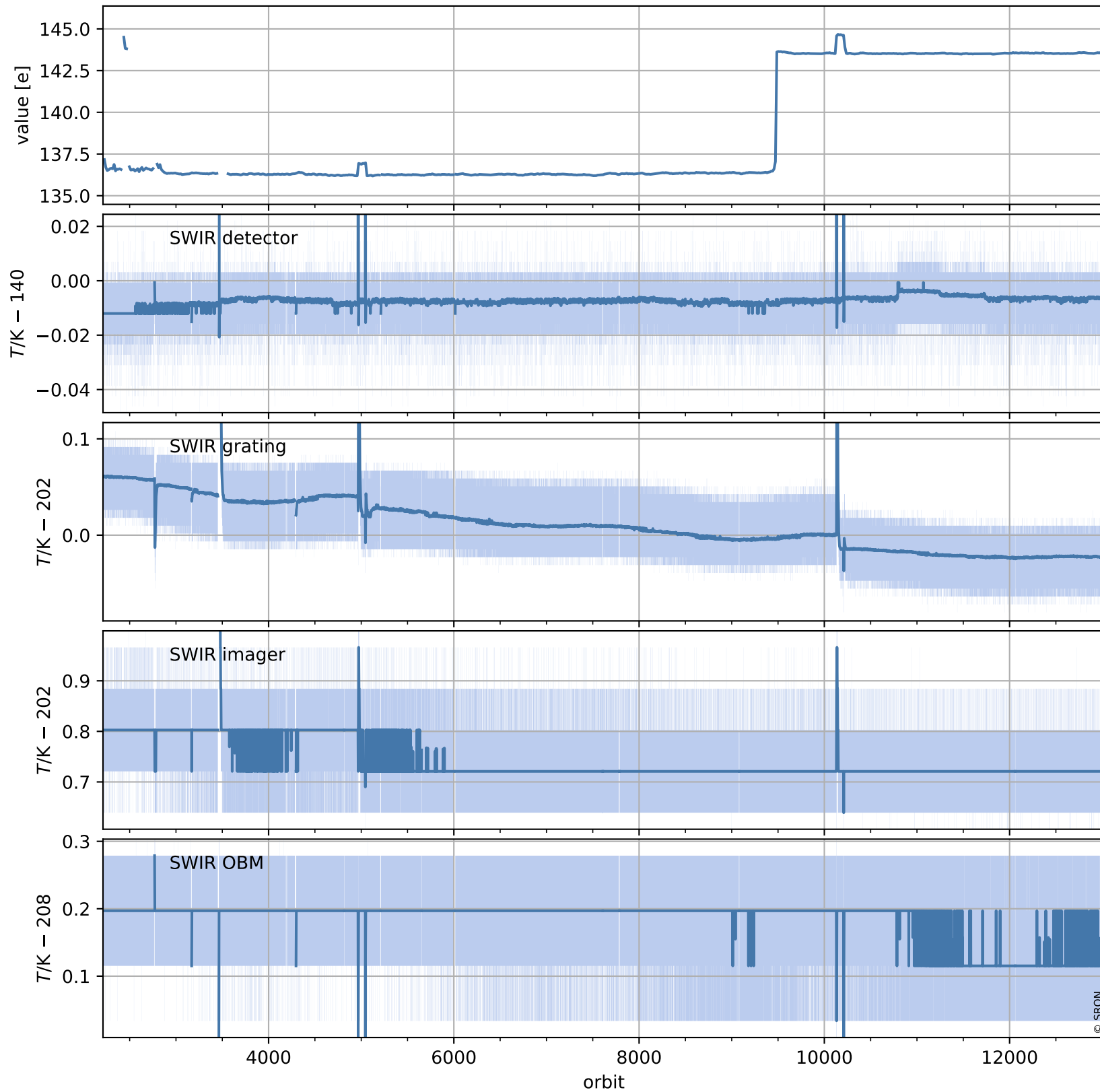
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13027]
coverage : 2018-03-18 / 2020-04-18
created : 2023-08-21T15:28:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13027]
coverage : 2018-03-18 / 2020-04-18
created : 2023-08-21T15:28:59

trend of normalized read-noise & temperatures

