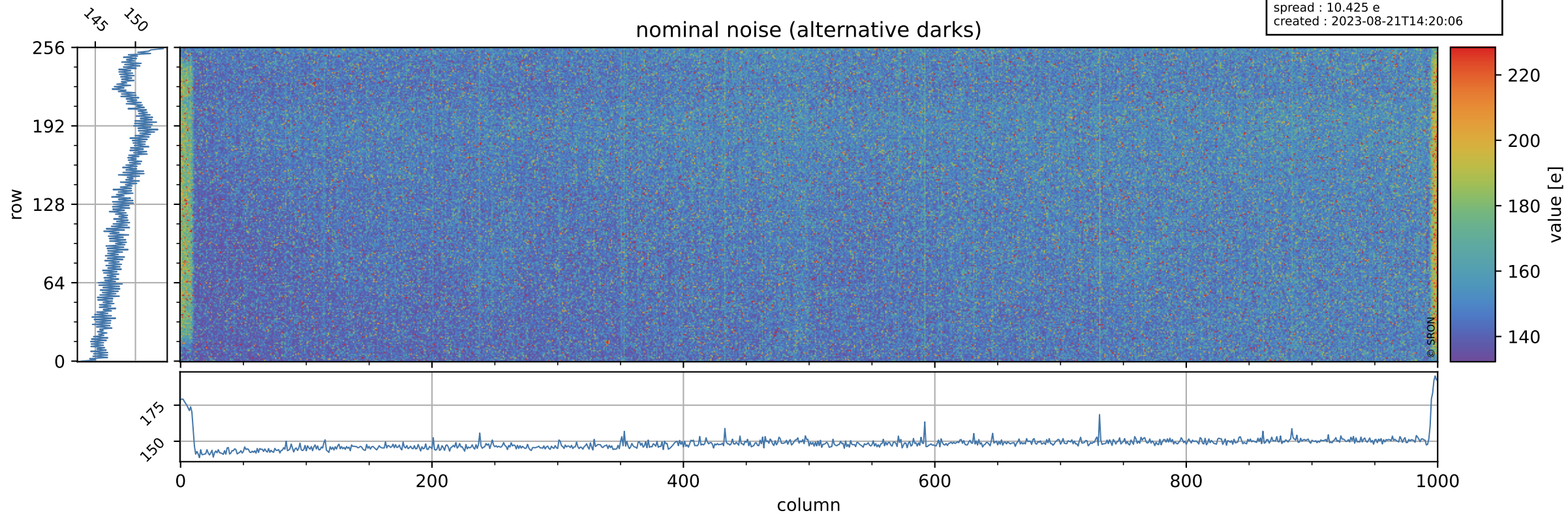


Tropomi SWIR background noise (swir)

orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.425 e
created : 2023-08-21T14:20:06

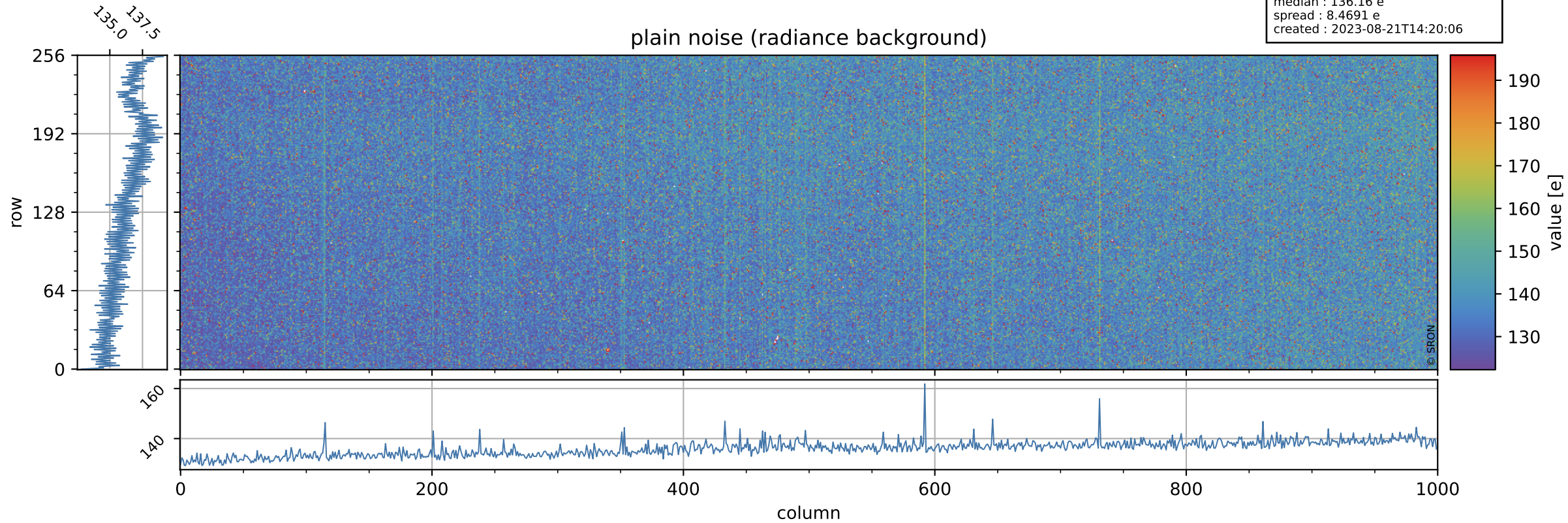
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.4691 e
created : 2023-08-21T14:20:06

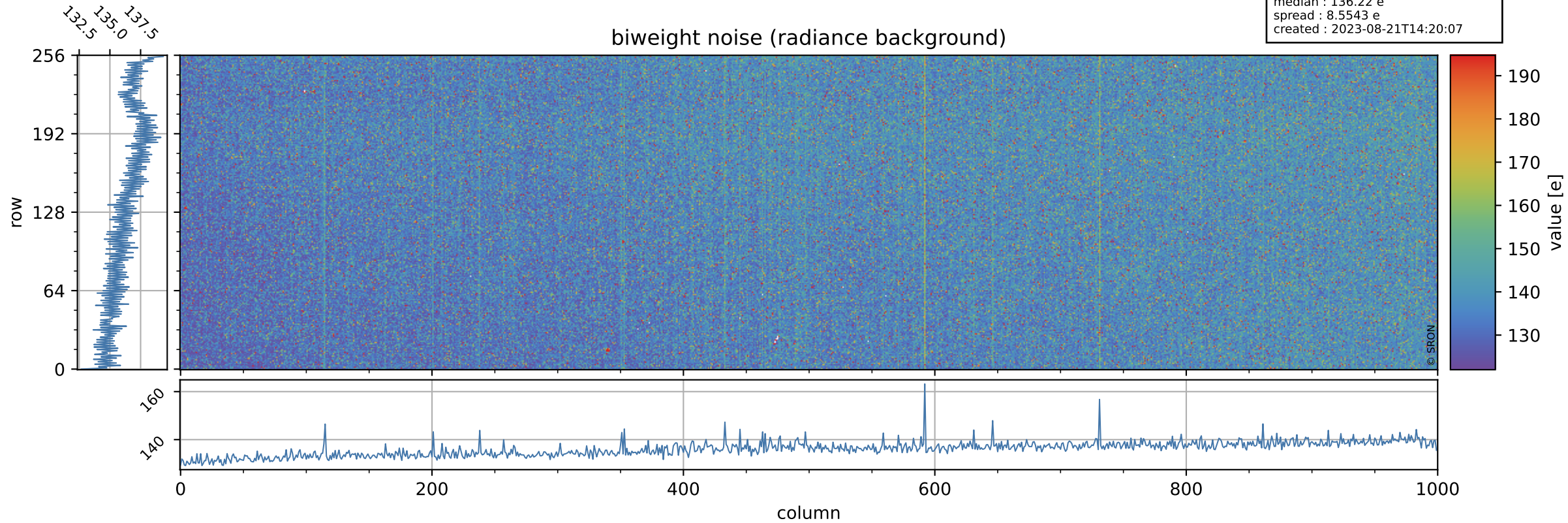
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5543 e
created : 2023-08-21T14:20:07

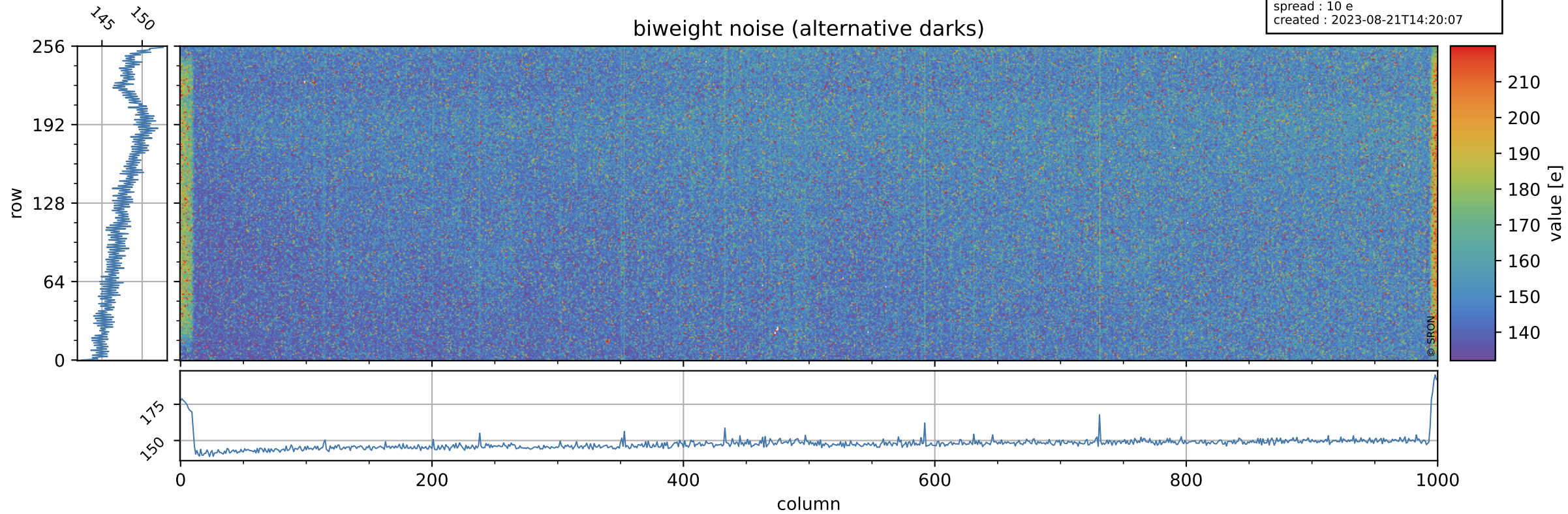
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10 e
created : 2023-08-21T14:20:07

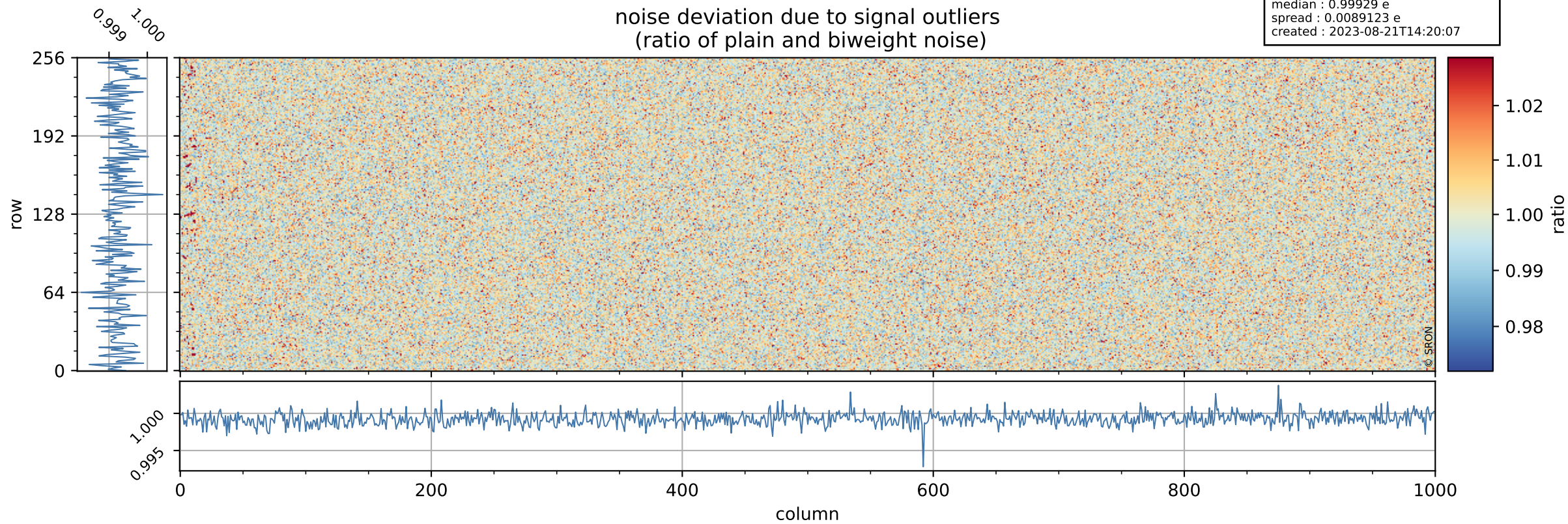
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

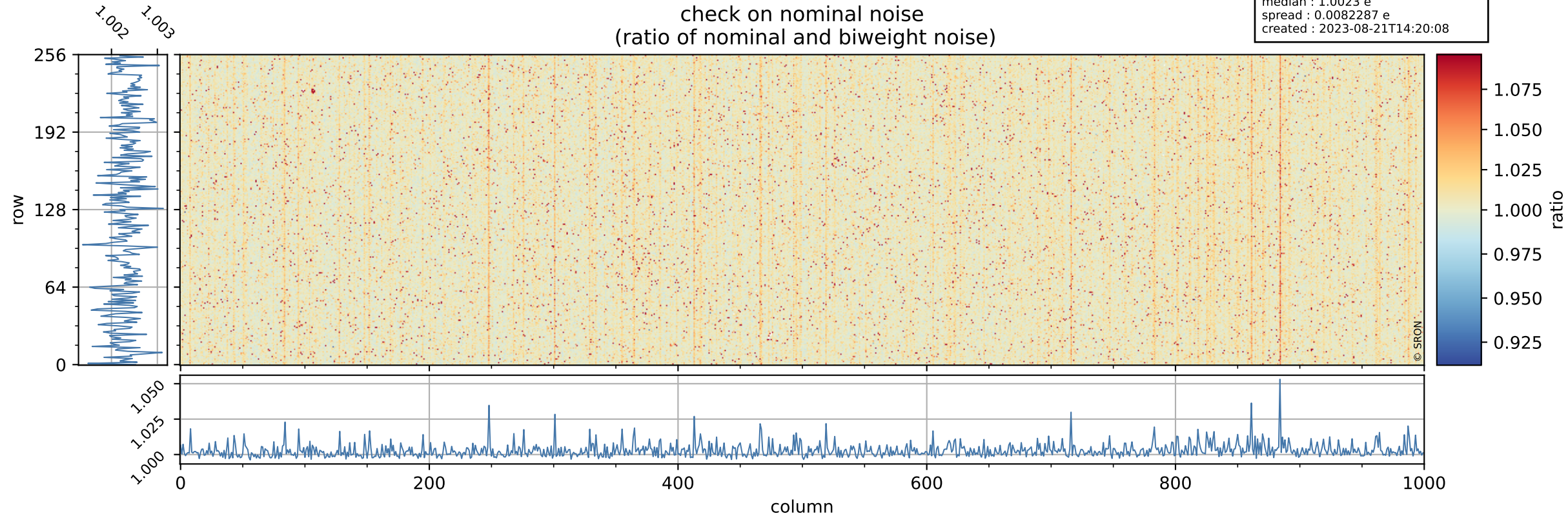
orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
median : 0.99929 e
spread : 0.0089123 e
created : 2023-08-21T14:20:07



Tropomi SWIR background noise (swir)

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

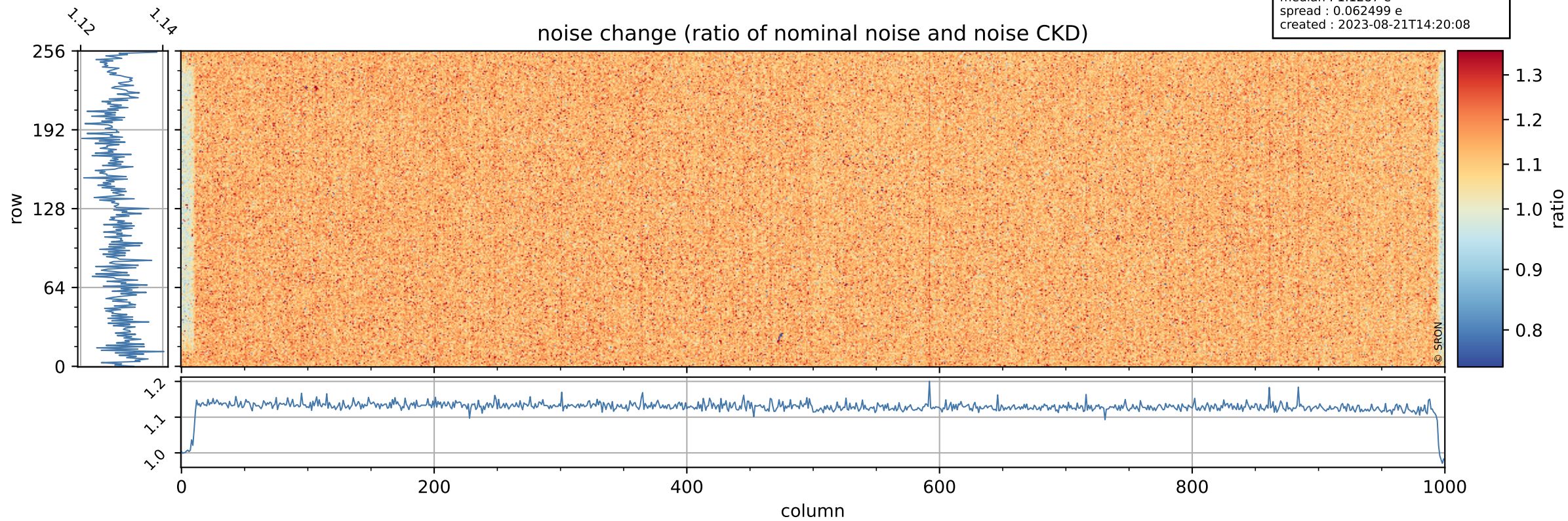
orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
median : 1.0023 e
spread : 0.0082287 e
created : 2023-08-21T14:20:08



Tropomi SWIR background noise (swir)

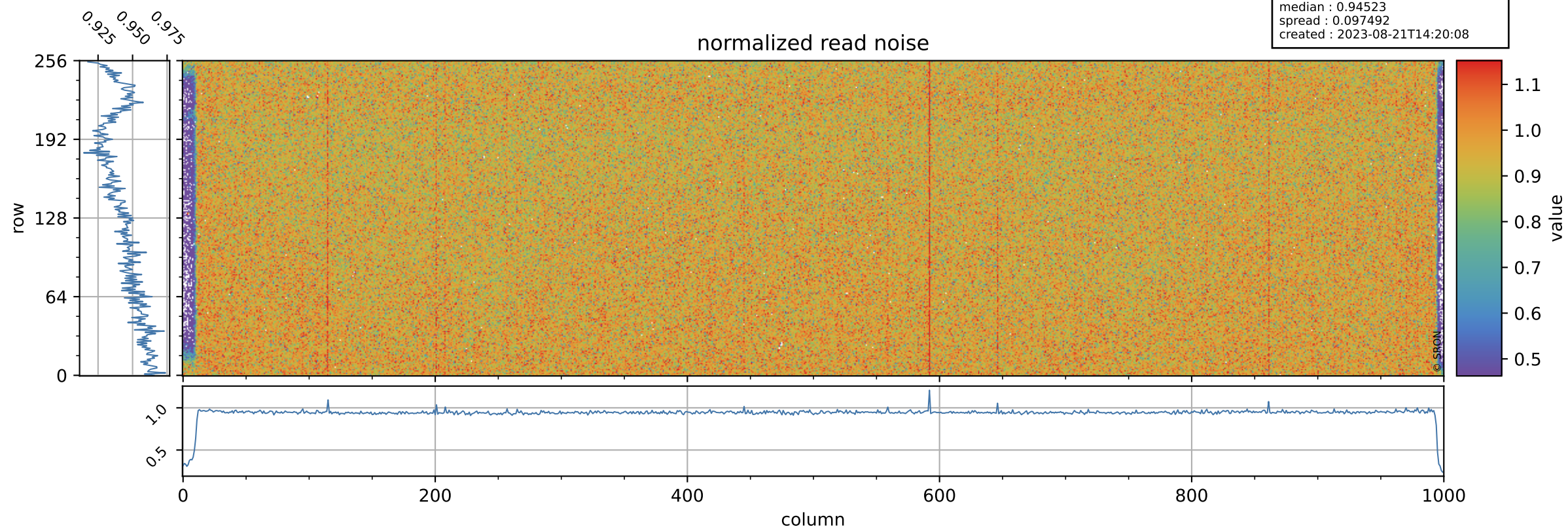
orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
median : 1.1287 e
spread : 0.062499 e
created : 2023-08-21T14:20:08

noise change (ratio of nominal noise and noise CKD)



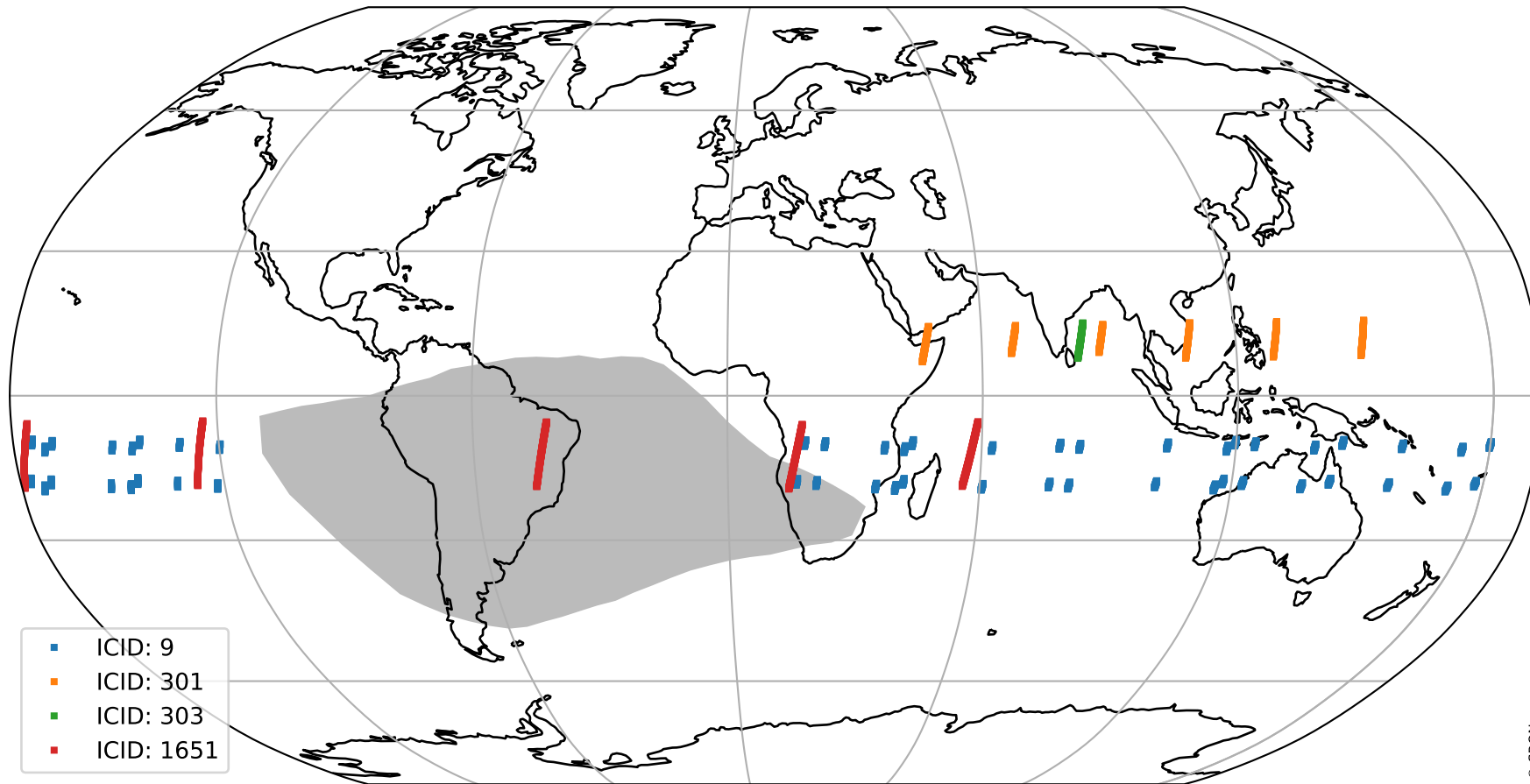
Tropomi SWIR background noise (swir)

orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
median : 0.94523
spread : 0.097492
created : 2023-08-21T14:20:08



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

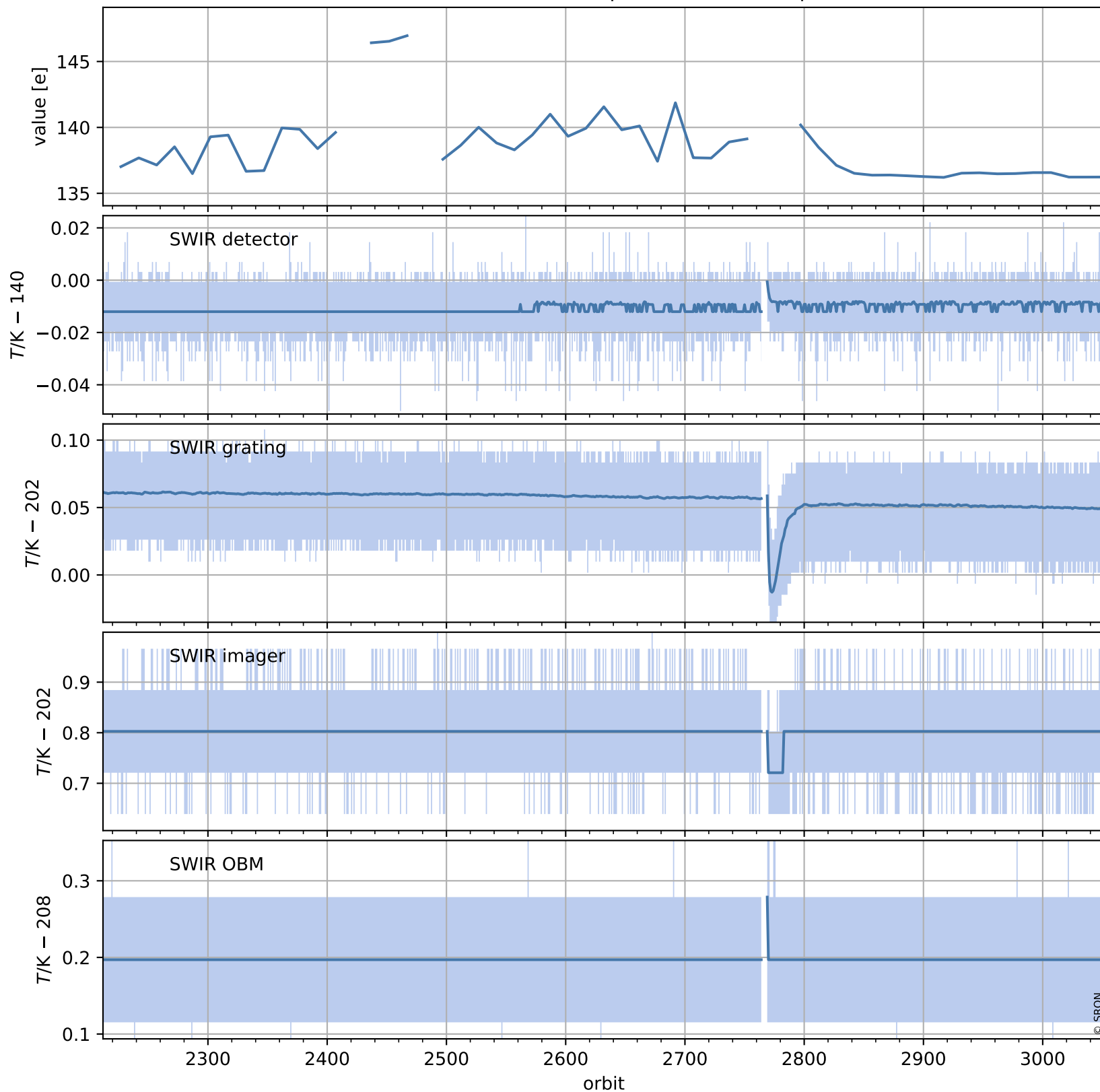
orbits : 12 in [2962, 3052]
coverage : 2018-05-10 / 2018-05-16
created : 2023-08-21T14:20:08



Tropomi SWIR background noise (swir)

orbits : [2212, 3052]
coverage : 2018-03-18 / 2018-05-16
created : 2023-08-21T14:20:09

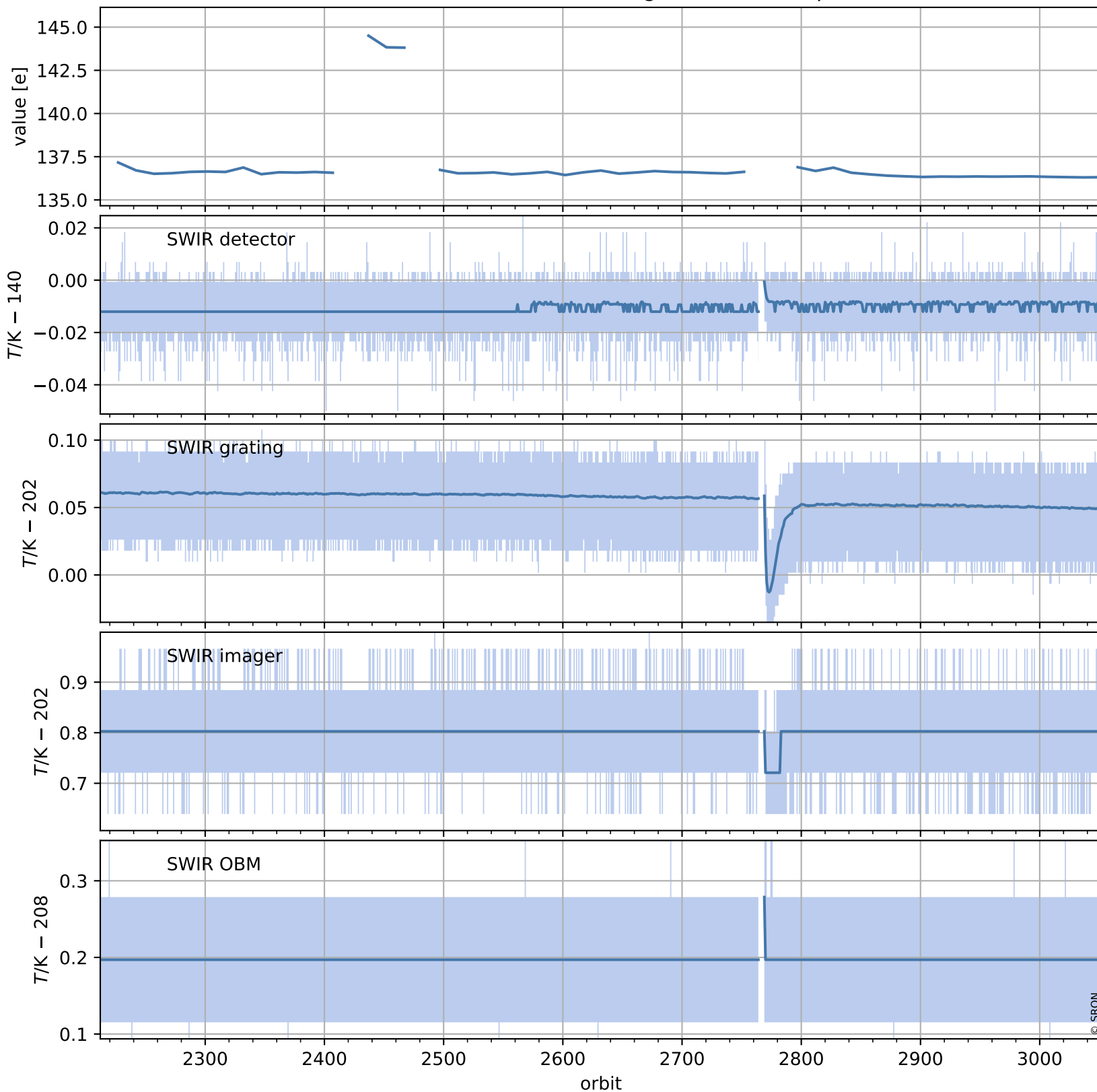
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3052]
coverage : 2018-03-18 / 2018-05-16
created : 2023-08-21T14:20:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3052]
coverage : 2018-03-18 / 2018-05-16
created : 2023-08-21T14:20:10

trend of normalized read-noise & temperatures

