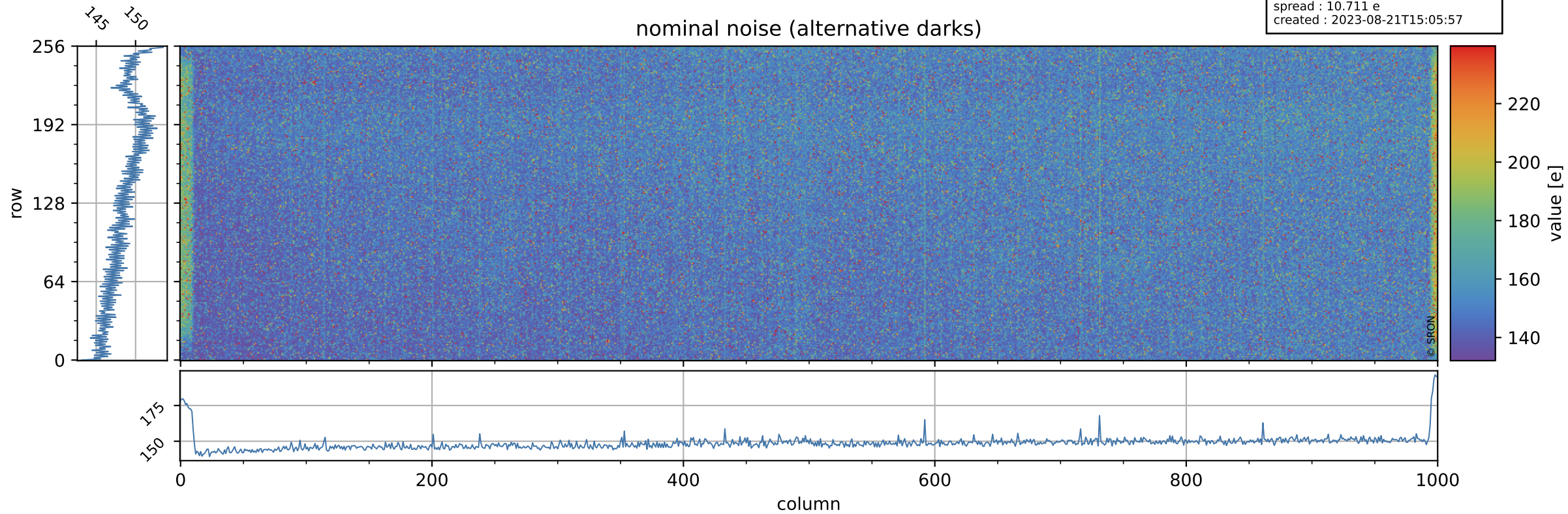


Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.711 e
created : 2023-08-21T15:05:57

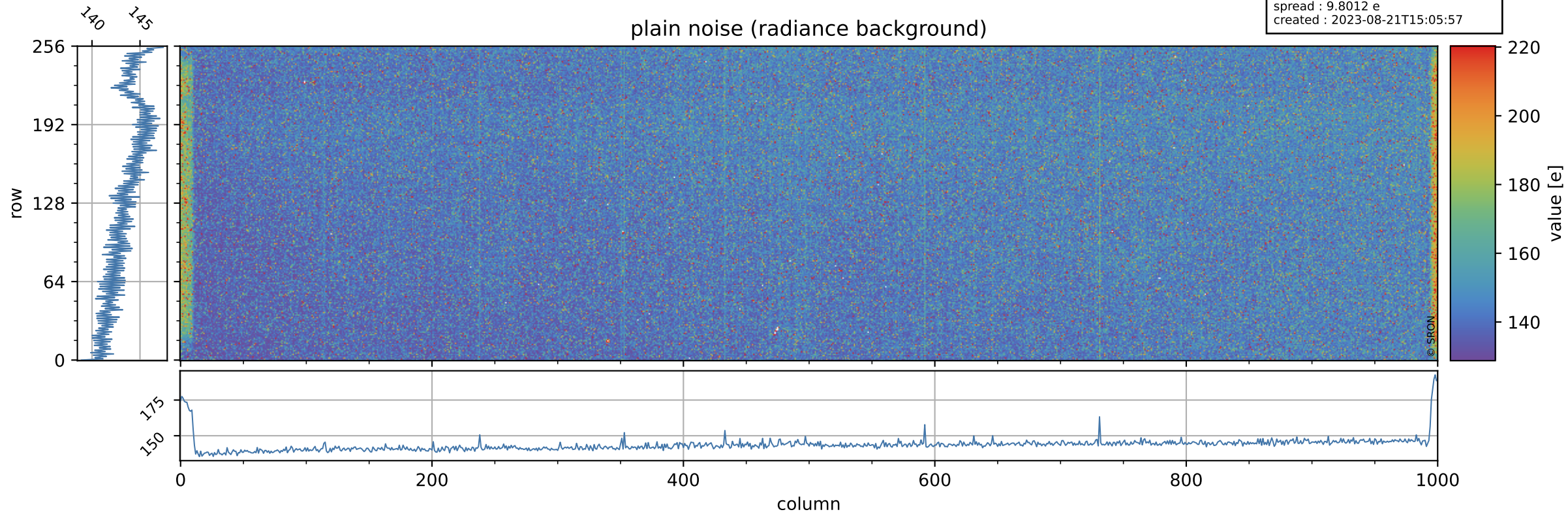
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
n_coad, t_exp : 1, 0.8383
median : 143.39 e
spread : 9.8012 e
created : 2023-08-21T15:05:57

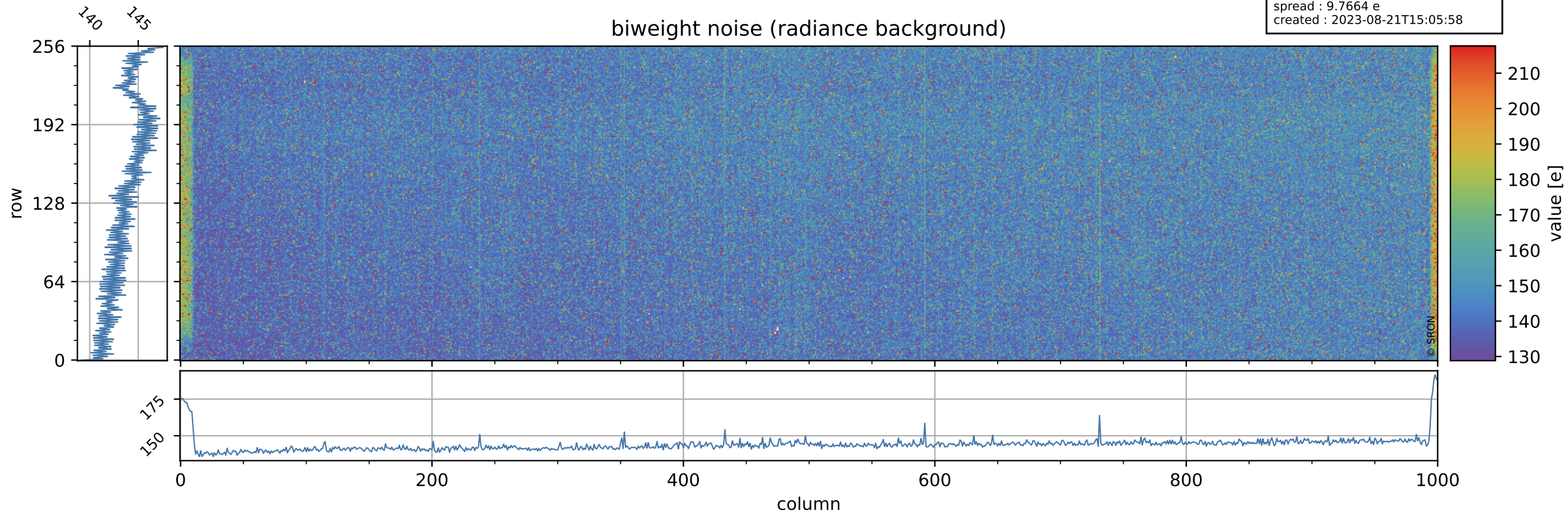
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7664 e
created : 2023-08-21T15:05:58

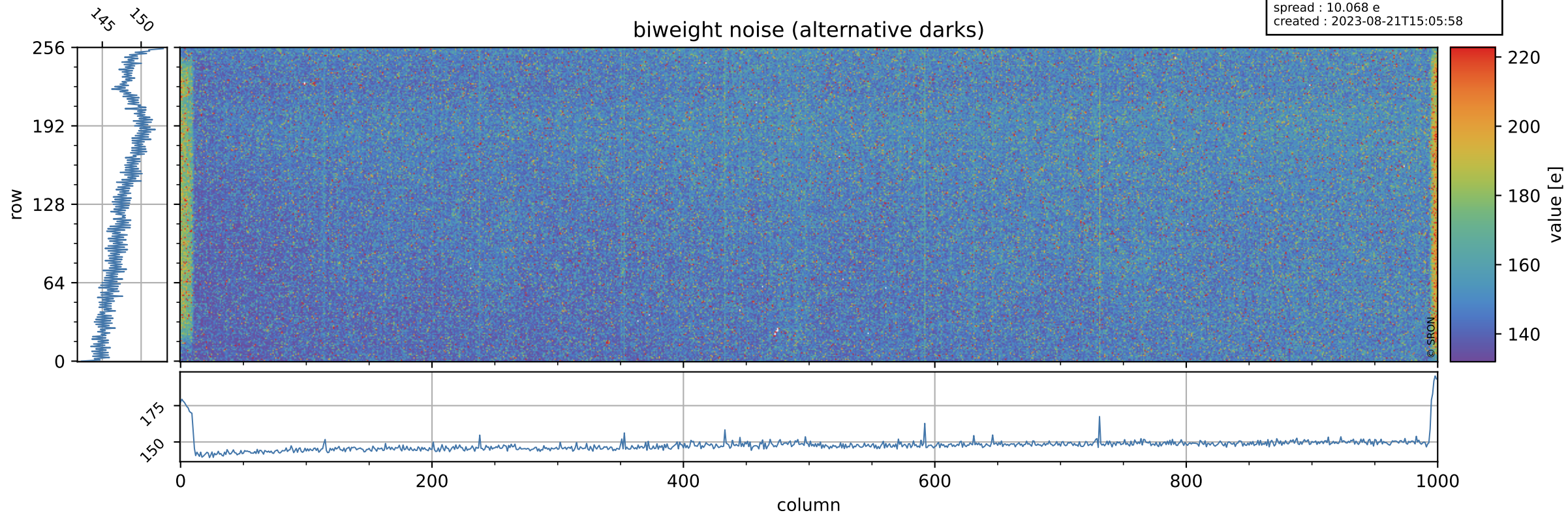
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.068 e
created : 2023-08-21T15:05:58

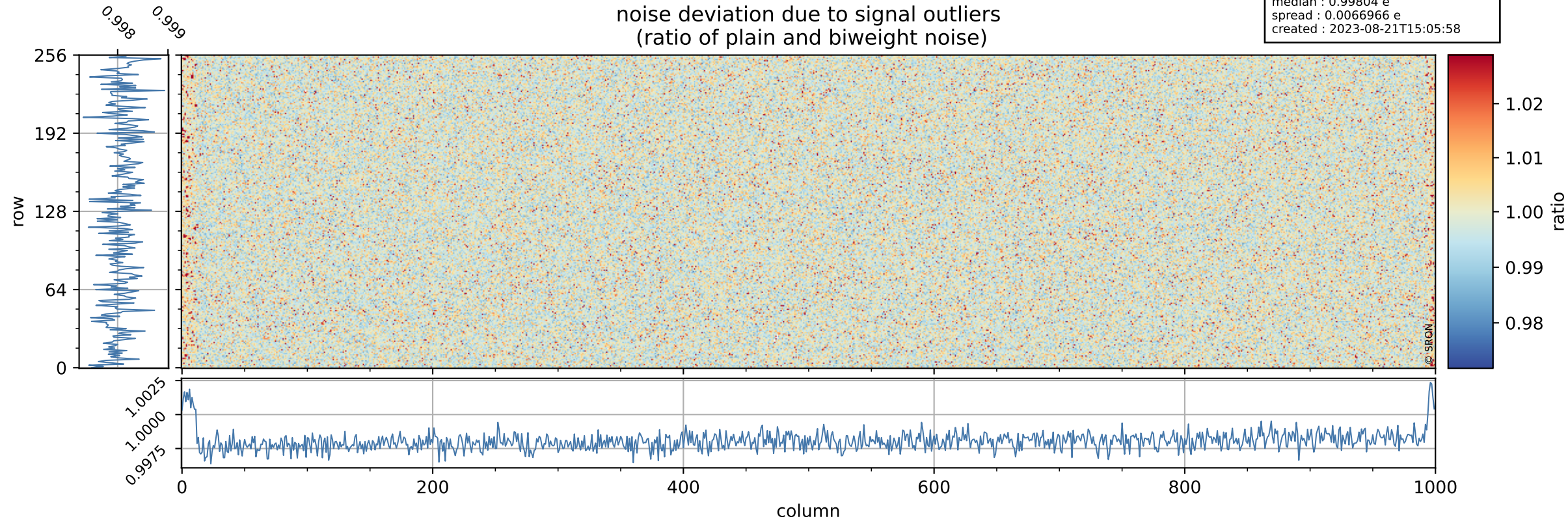
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

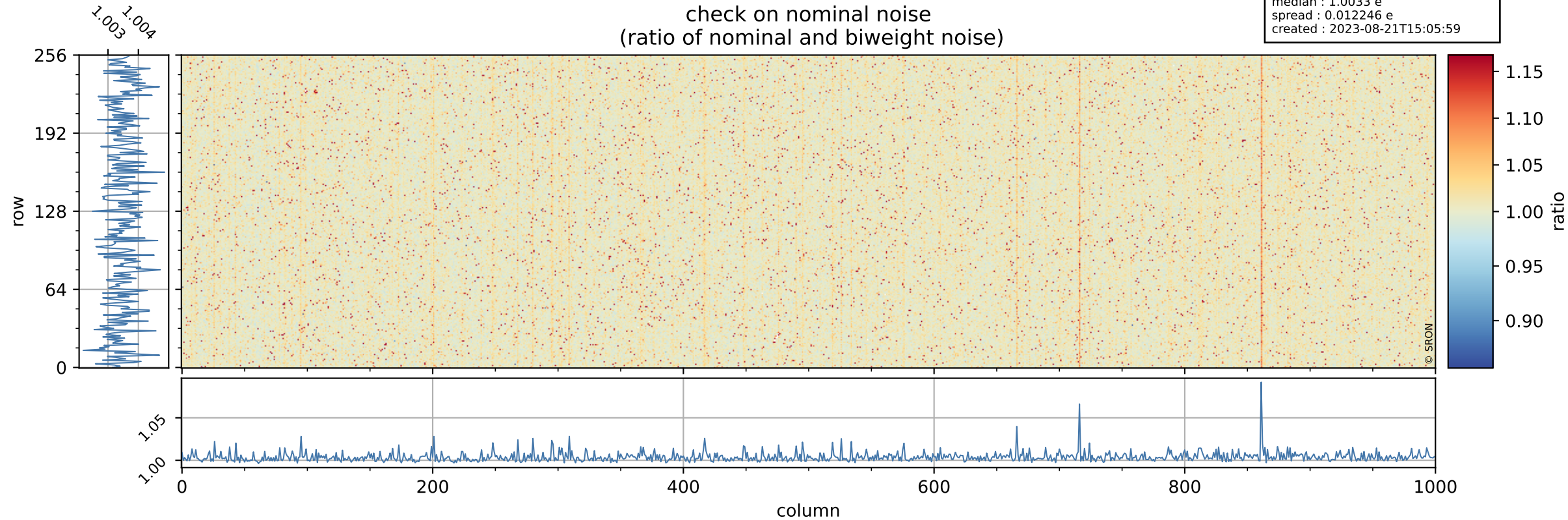
orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
median : 0.99804 e
spread : 0.0066966 e
created : 2023-08-21T15:05:58



Tropomi SWIR background noise (swir)

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

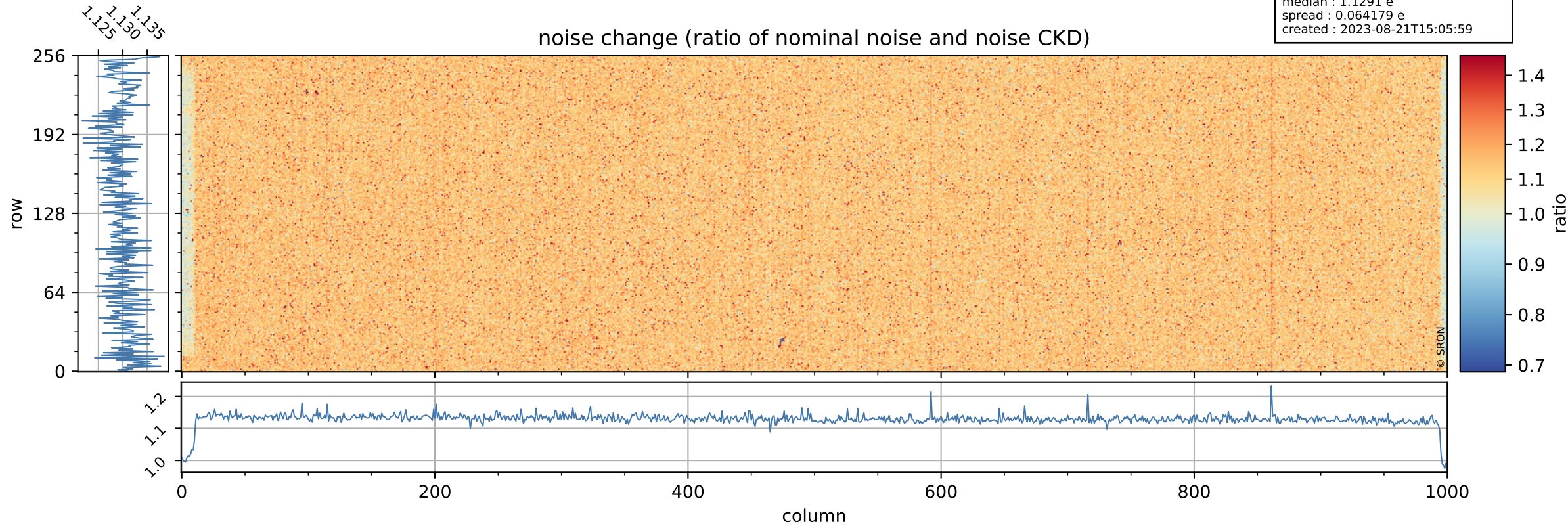
orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
median : 1.0033 e
spread : 0.012246 e
created : 2023-08-21T15:05:59



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
median : 1.1291 e
spread : 0.064179 e
created : 2023-08-21T15:05:59

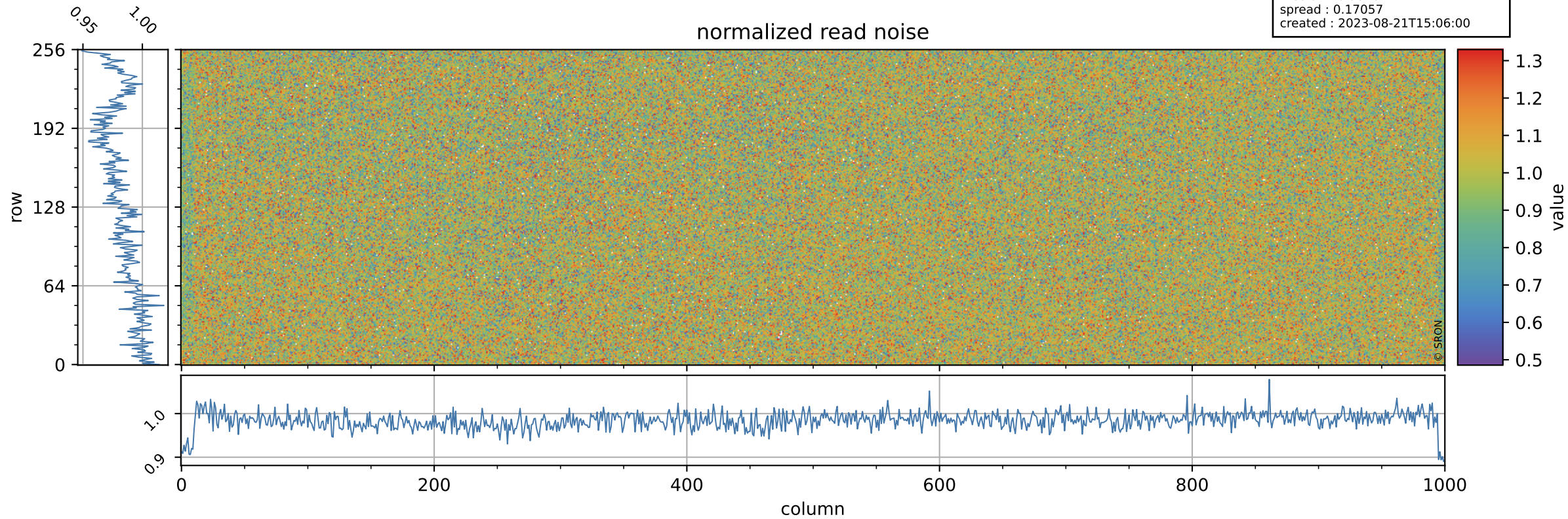
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

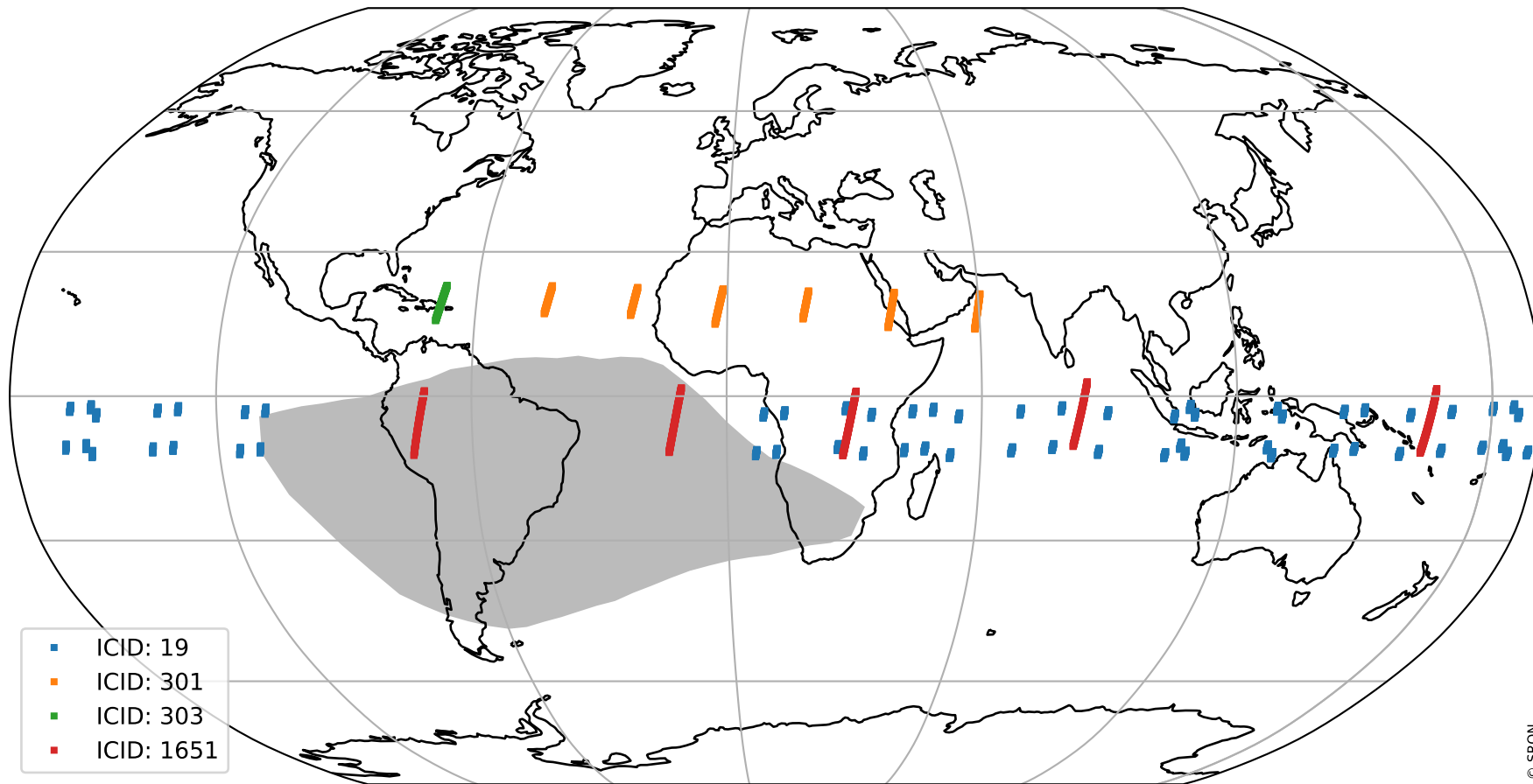
orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
median : 0.98261
spread : 0.17057
created : 2023-08-21T15:06:00

normalized read noise



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

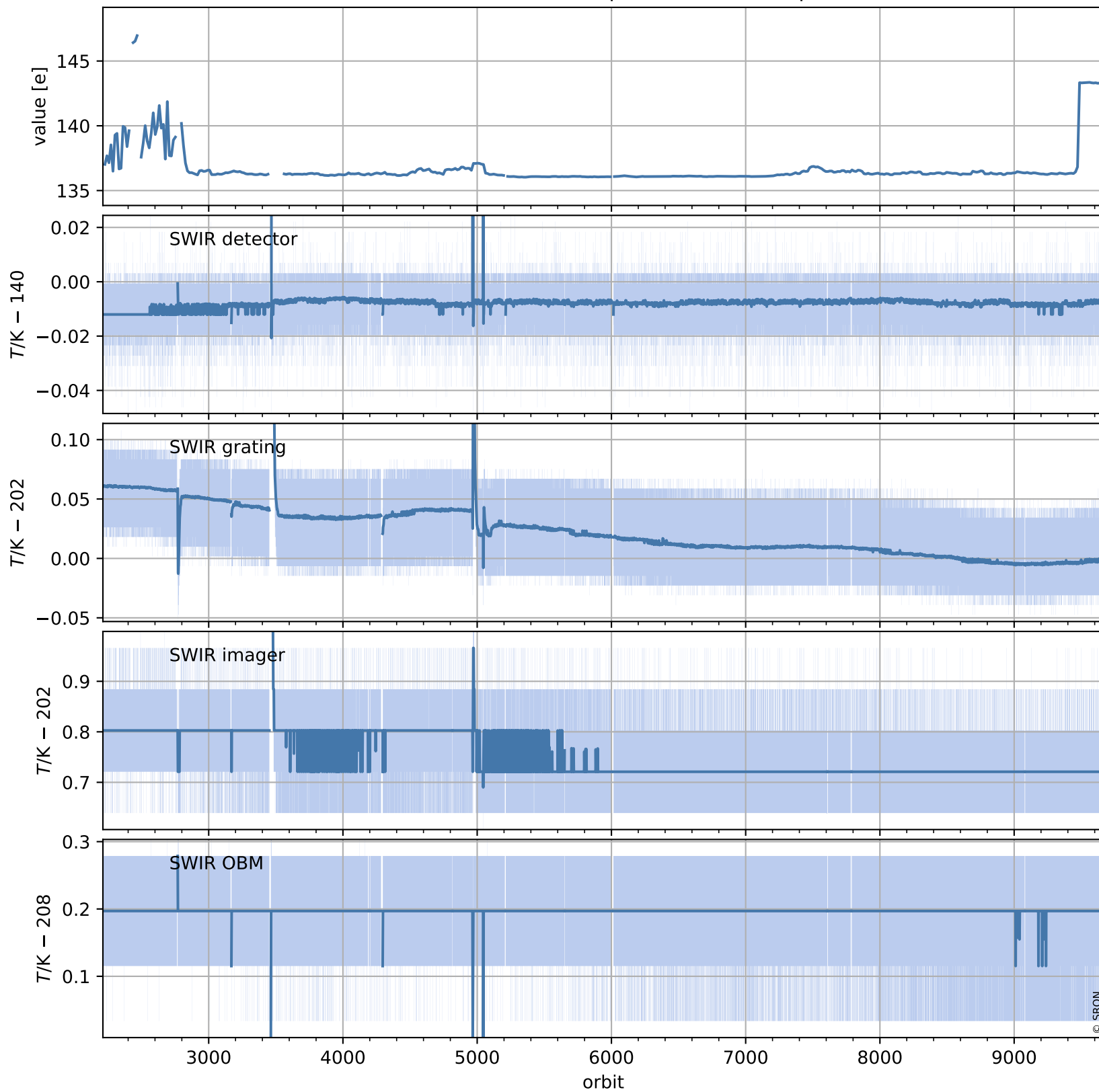
orbits : 12 in [9577, 9667]
coverage : 2019-08-19 / 2019-08-25
created : 2023-08-21T15:06:00



Tropomi SWIR background noise (swir)

orbits : [2212, 9667]
coverage : 2018-03-18 / 2019-08-25
created : 2023-08-21T15:06:01

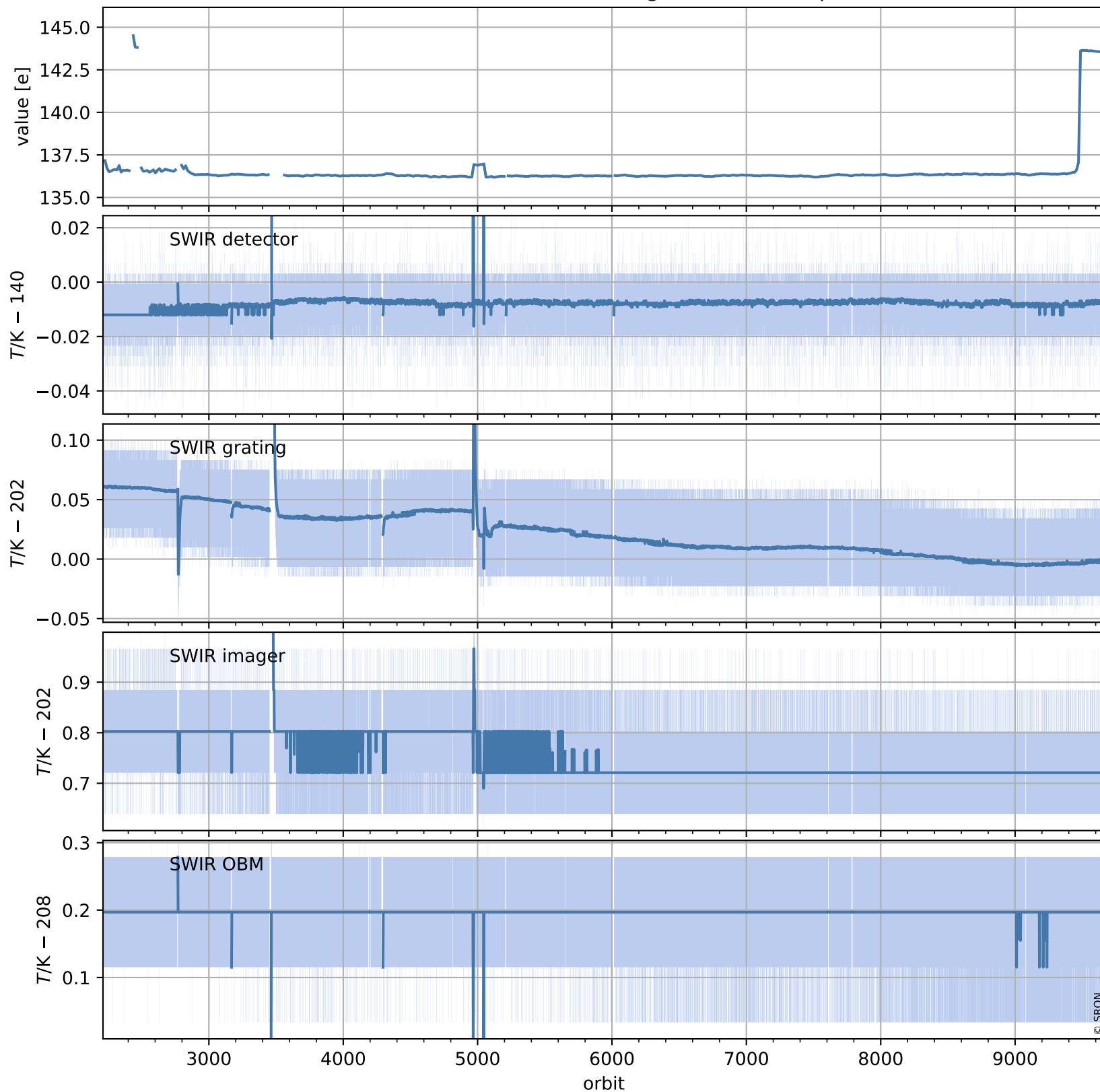
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9667]
coverage : 2018-03-18 / 2019-08-25
created : 2023-08-21T15:06:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9667]
coverage : 2018-03-18 / 2019-08-25
created : 2023-08-21T15:06:03

trend of normalized read-noise & temperatures

