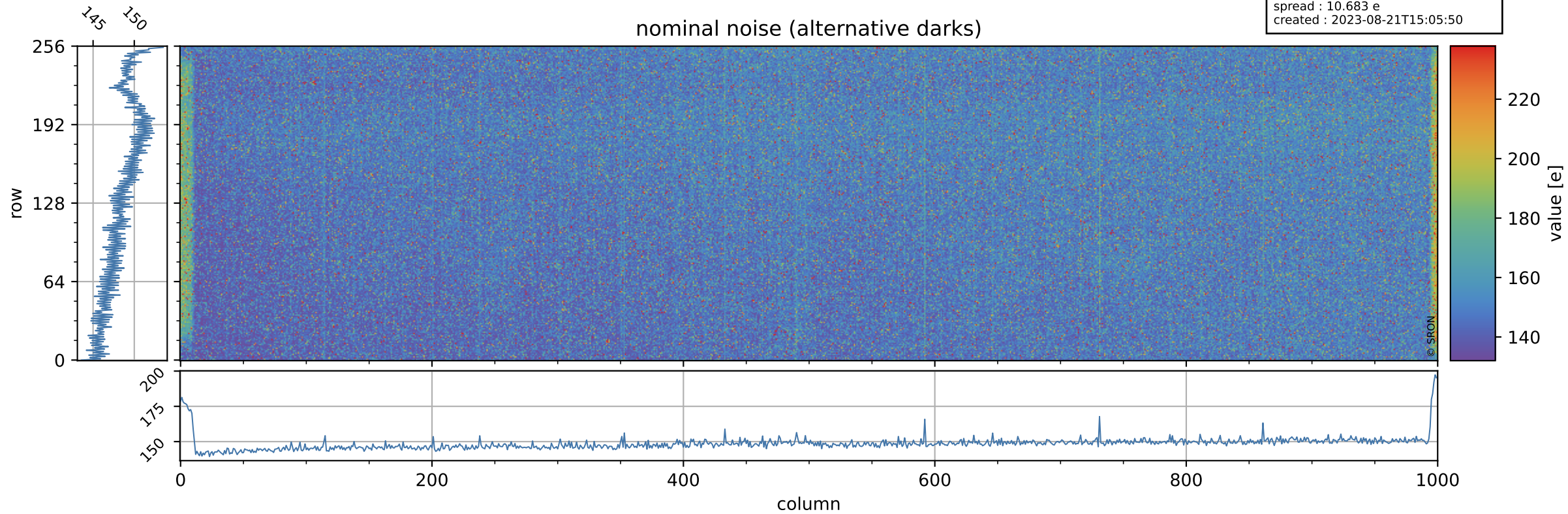


Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.683 e
created : 2023-08-21T15:05:50

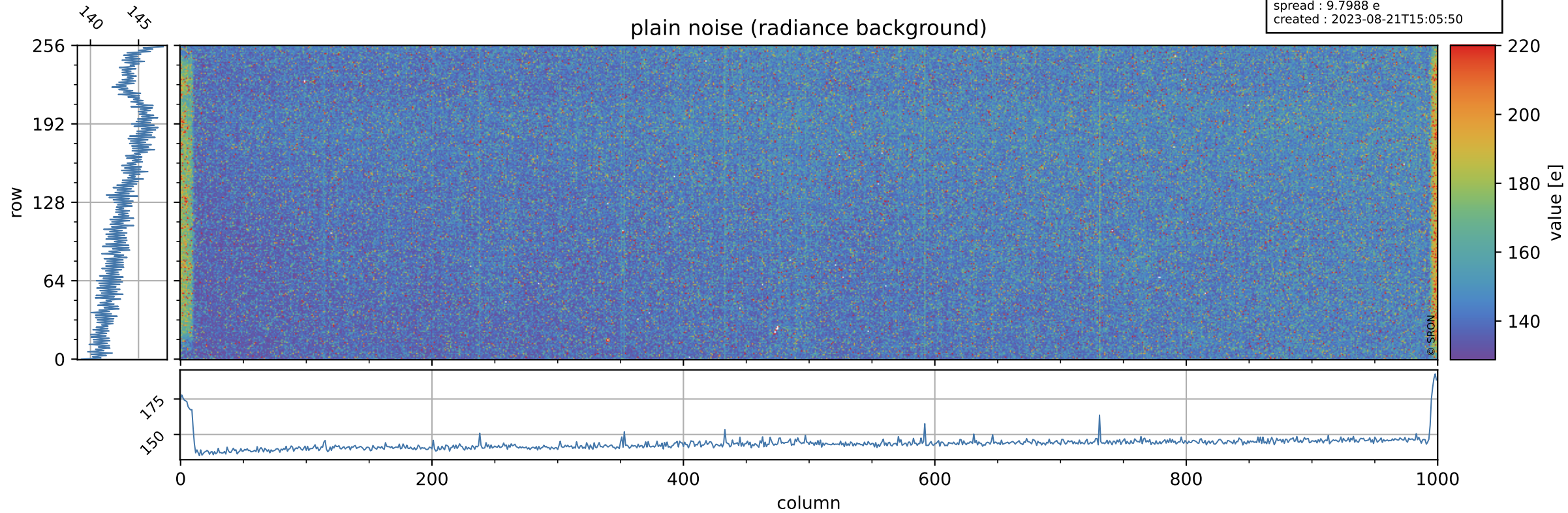
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7988 e
created : 2023-08-21T15:05:50

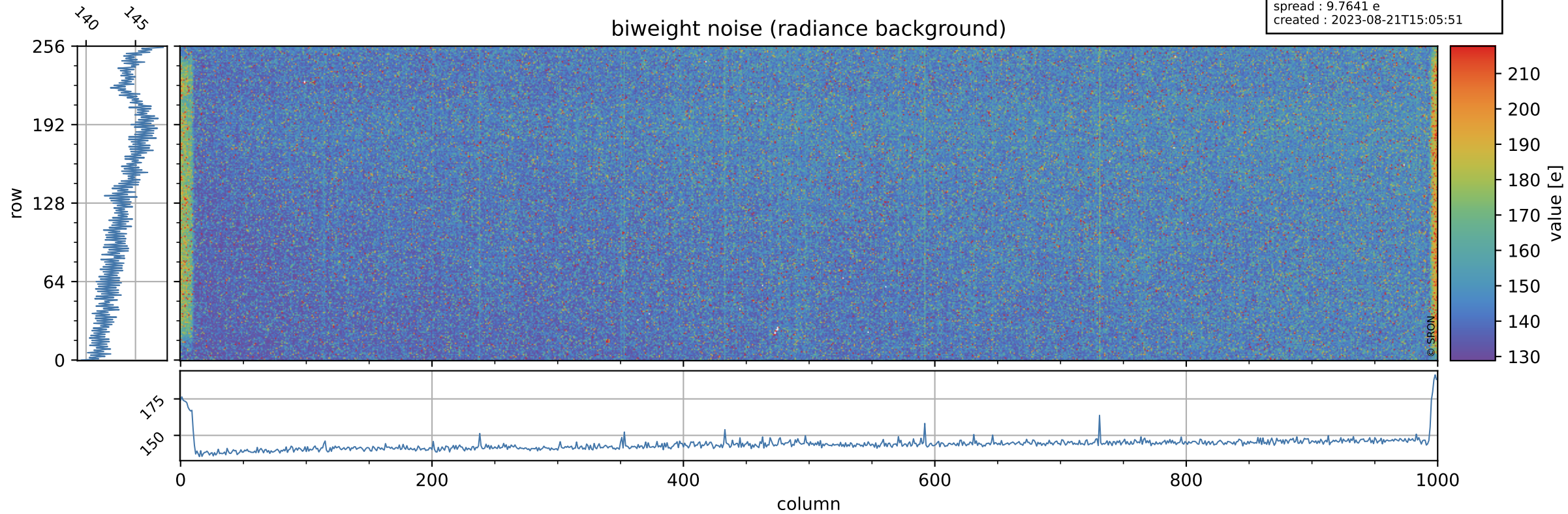
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.7641 e
created : 2023-08-21T15:05:51

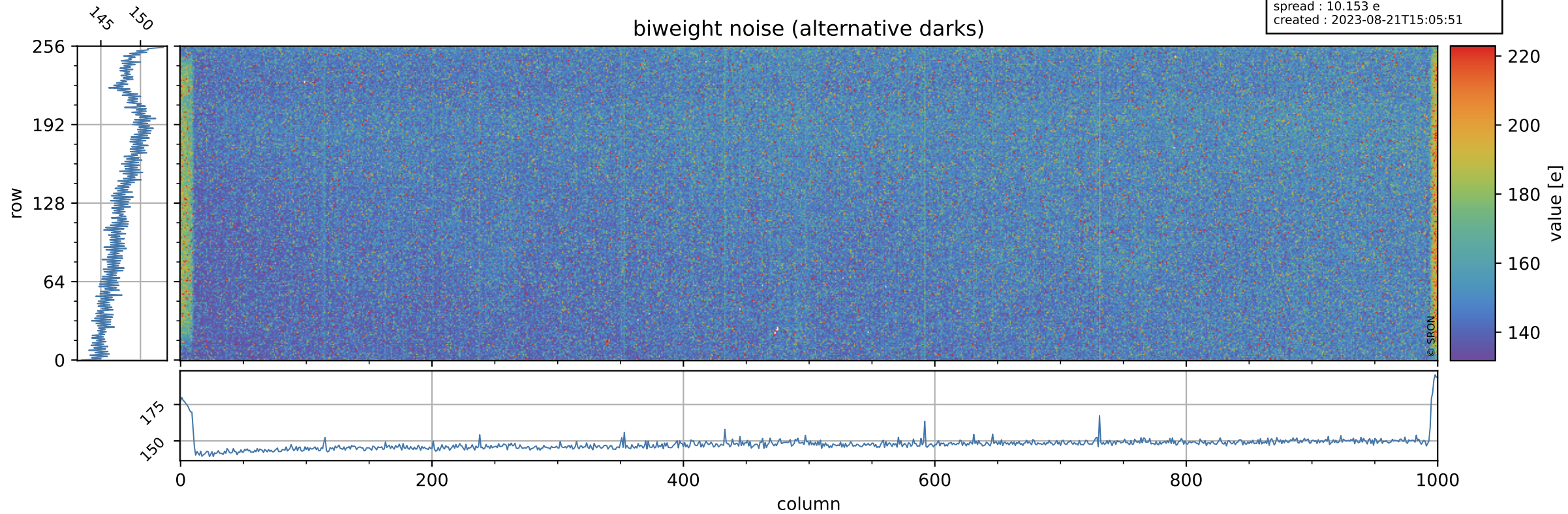
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.153 e
created : 2023-08-21T15:05:51

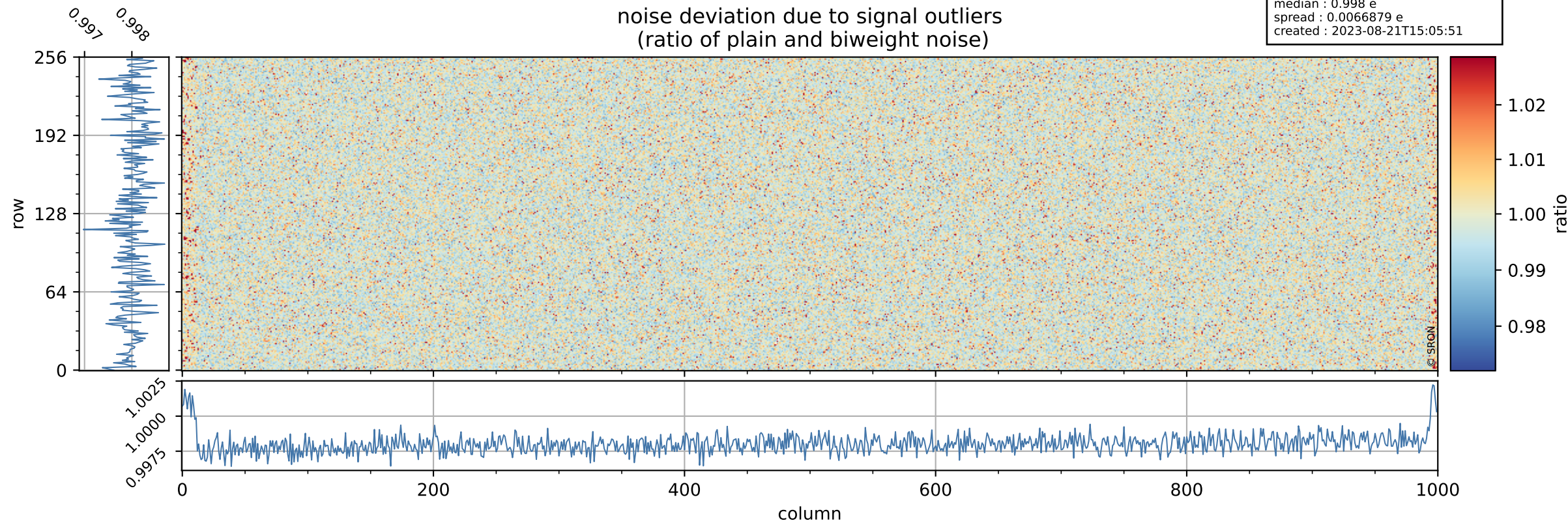
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

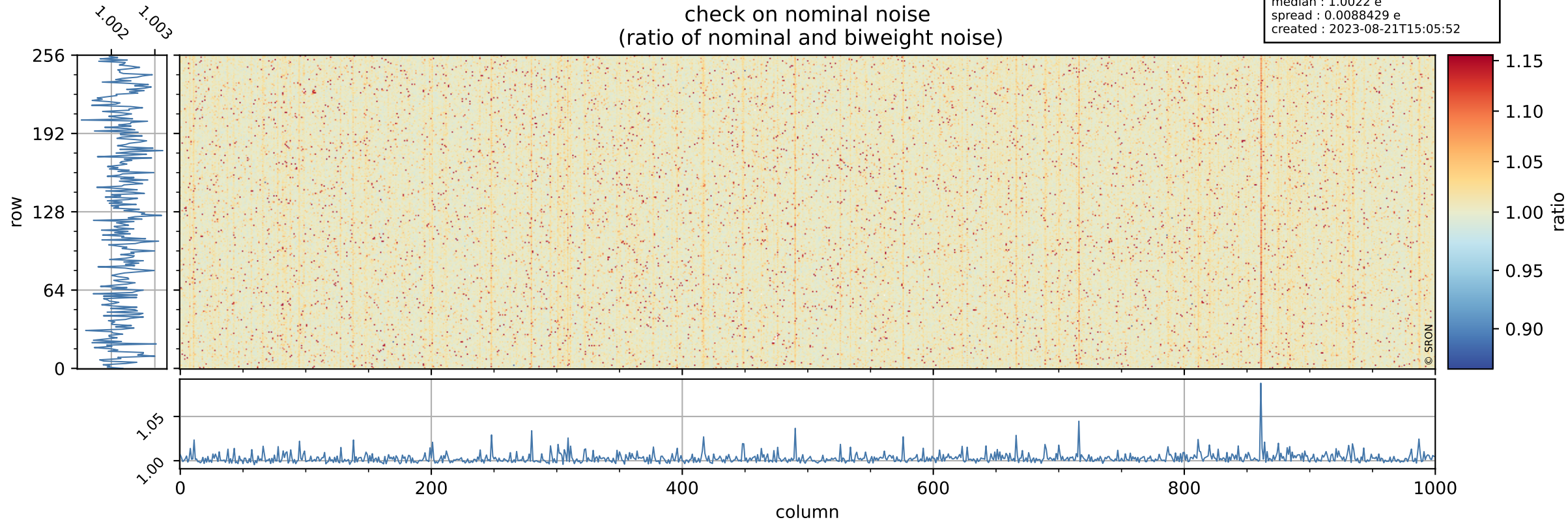
orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
median : 0.998 e
spread : 0.0066879 e
created : 2023-08-21T15:05:51



Tropomi SWIR background noise (swir)

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

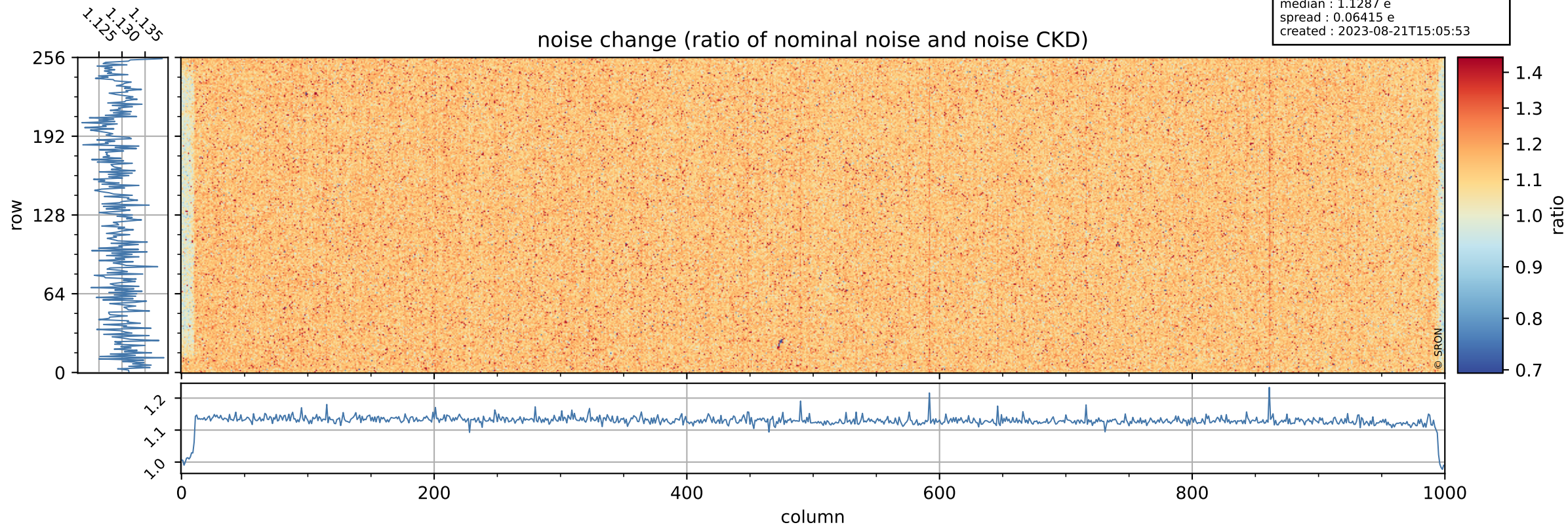
orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
median : 1.0022 e
spread : 0.0088429 e
created : 2023-08-21T15:05:52



Tropomi SWIR background noise (swir)

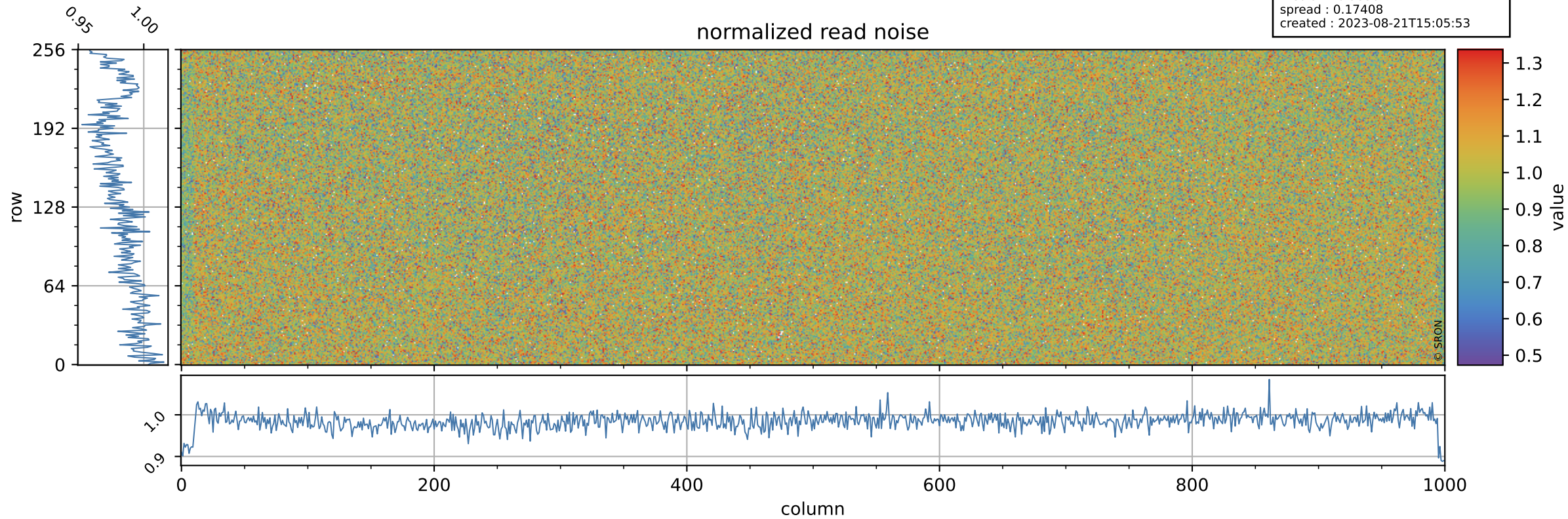
orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
median : 1.1287 e
spread : 0.06415 e
created : 2023-08-21T15:05:53

noise change (ratio of nominal noise and noise CKD)



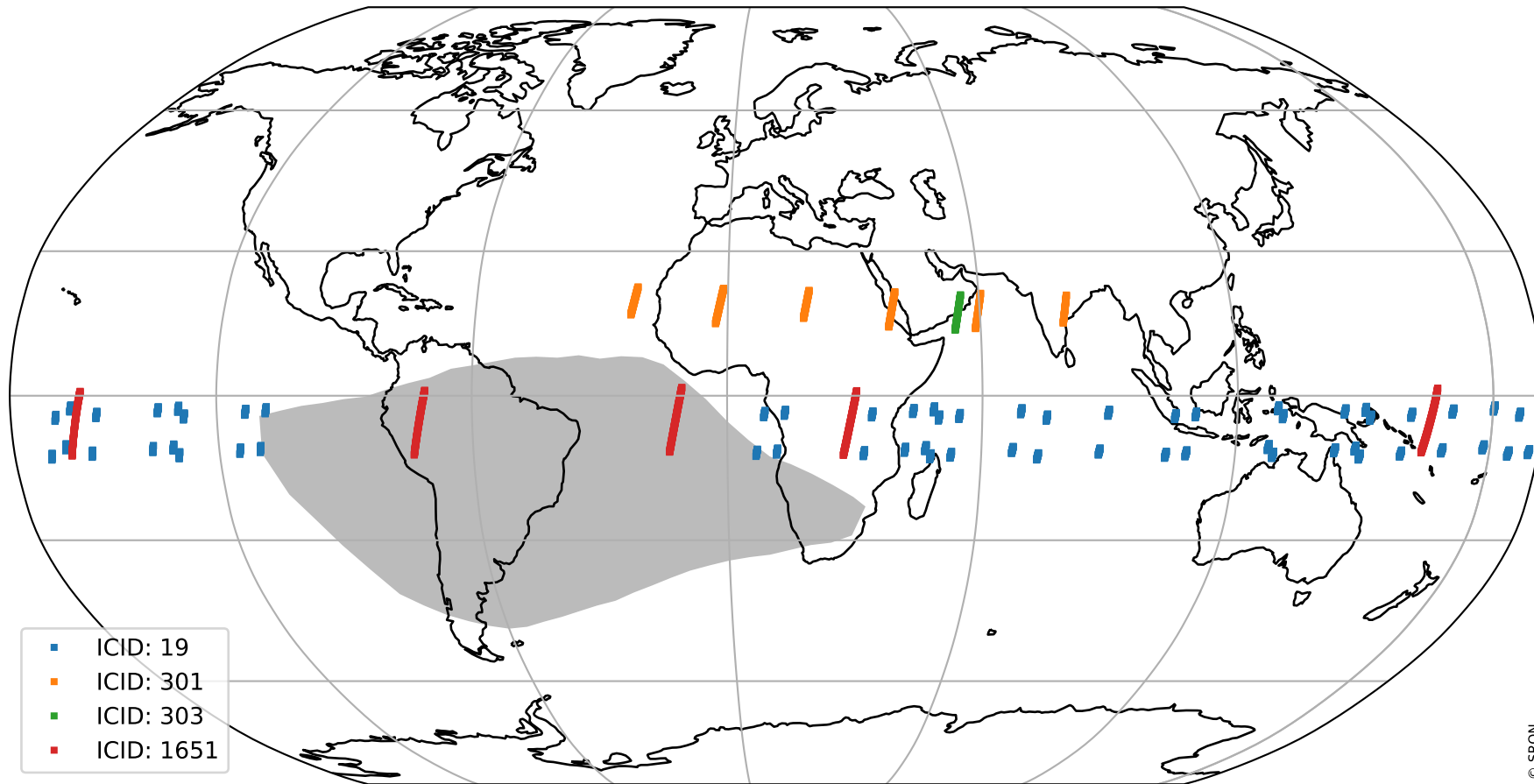
Tropomi SWIR background noise (swir)

orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
median : 0.98301
spread : 0.17408
created : 2023-08-21T15:05:53



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

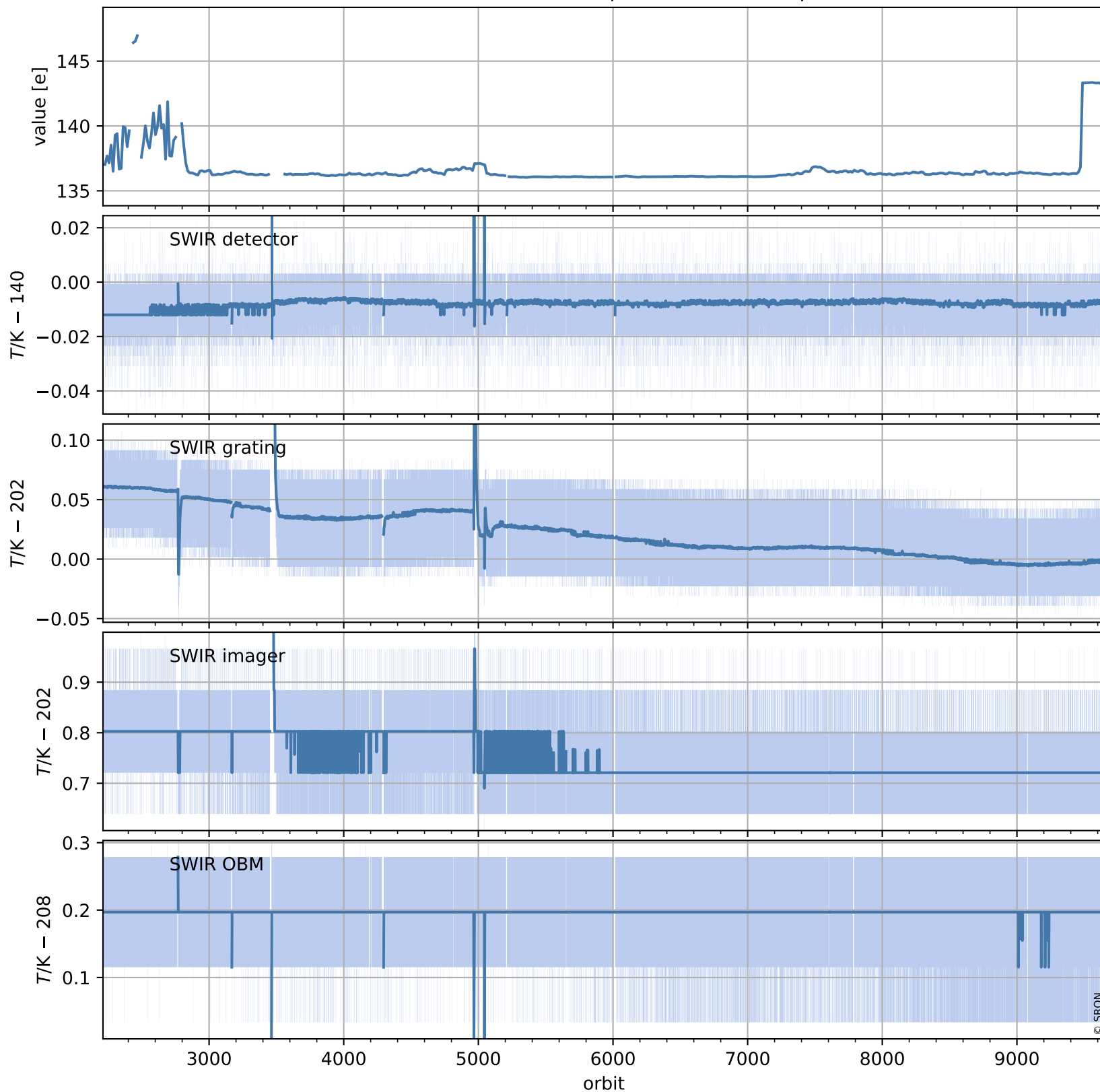
orbits : 12 in [9577, 9652]
coverage : 2019-08-18 / 2019-08-24
created : 2023-08-21T15:05:54



Tropomi SWIR background noise (swir)

orbits : [2212, 9652]
coverage : 2018-03-18 / 2019-08-24
created : 2023-08-21T15:05:54

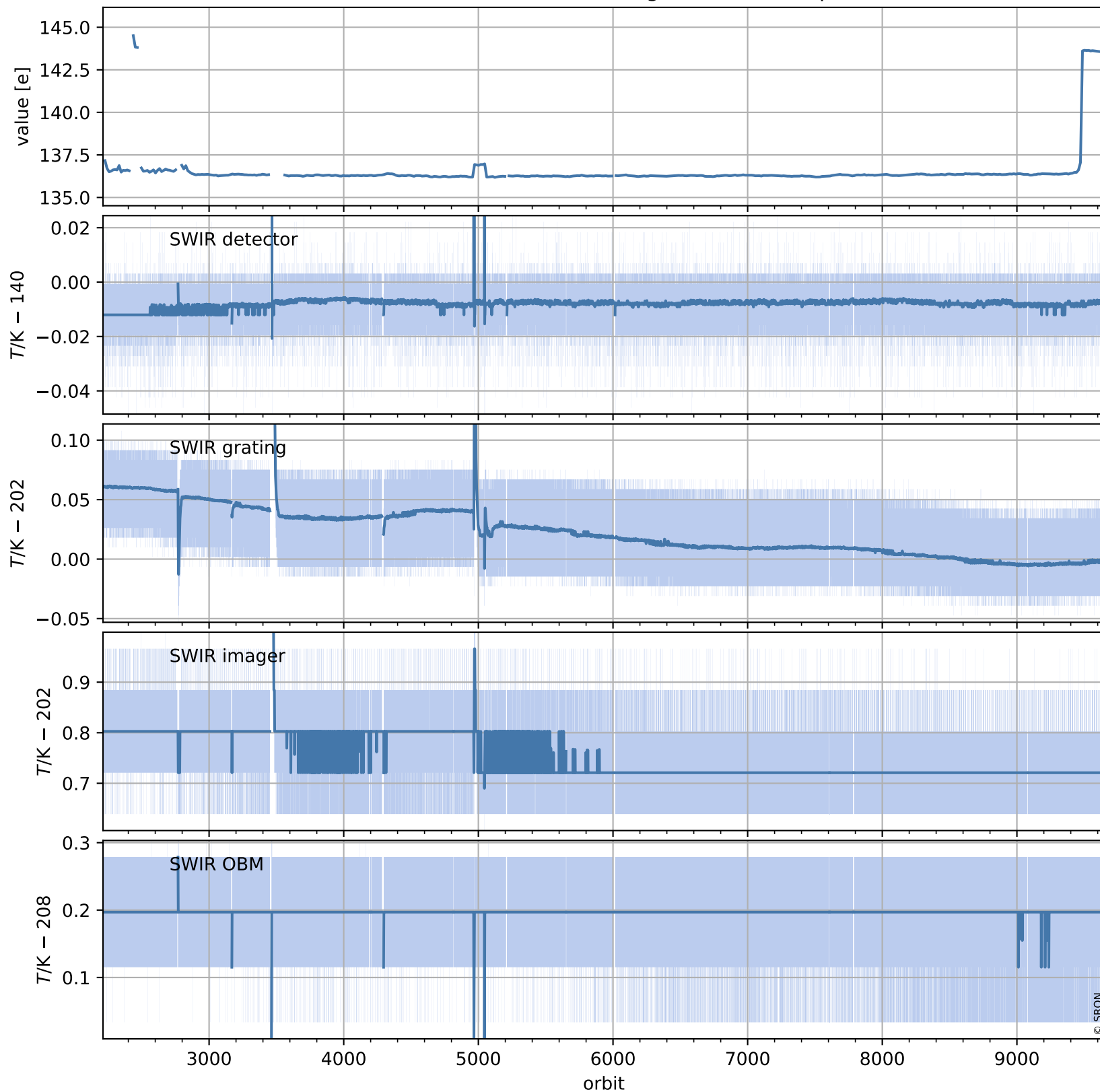
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9652]
coverage : 2018-03-18 / 2019-08-24
created : 2023-08-21T15:05:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9652]
coverage : 2018-03-18 / 2019-08-24
created : 2023-08-21T15:05:55

trend of normalized read-noise & temperatures

