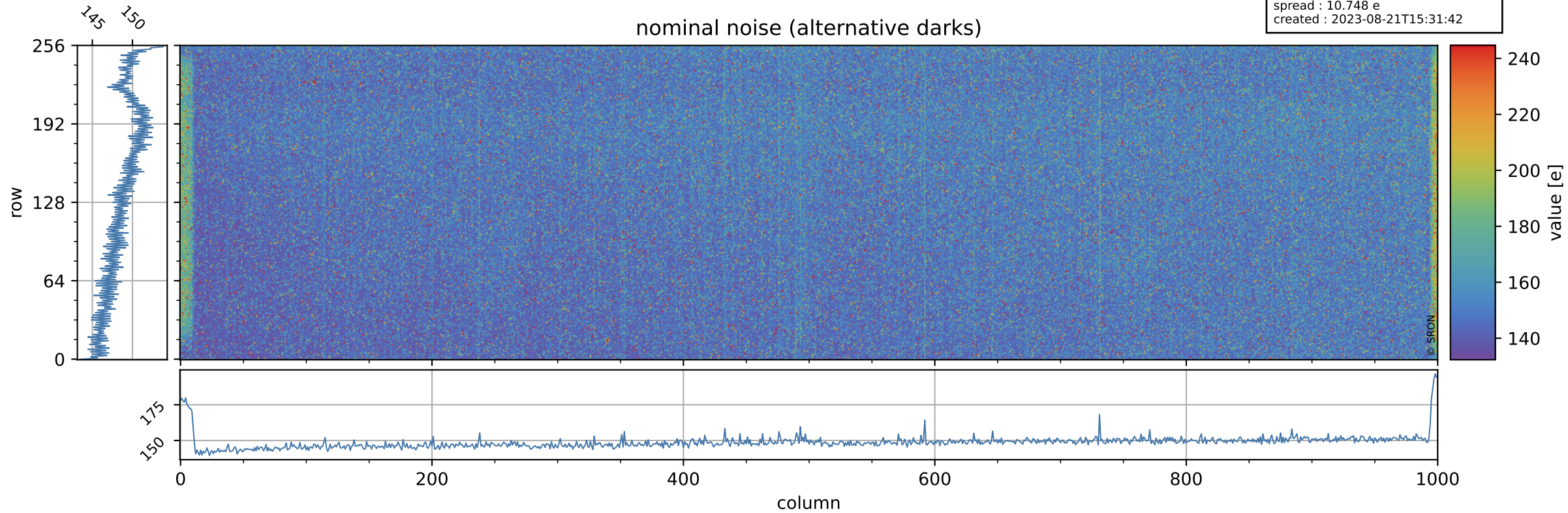


Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.748 e
created : 2023-08-21T15:31:42

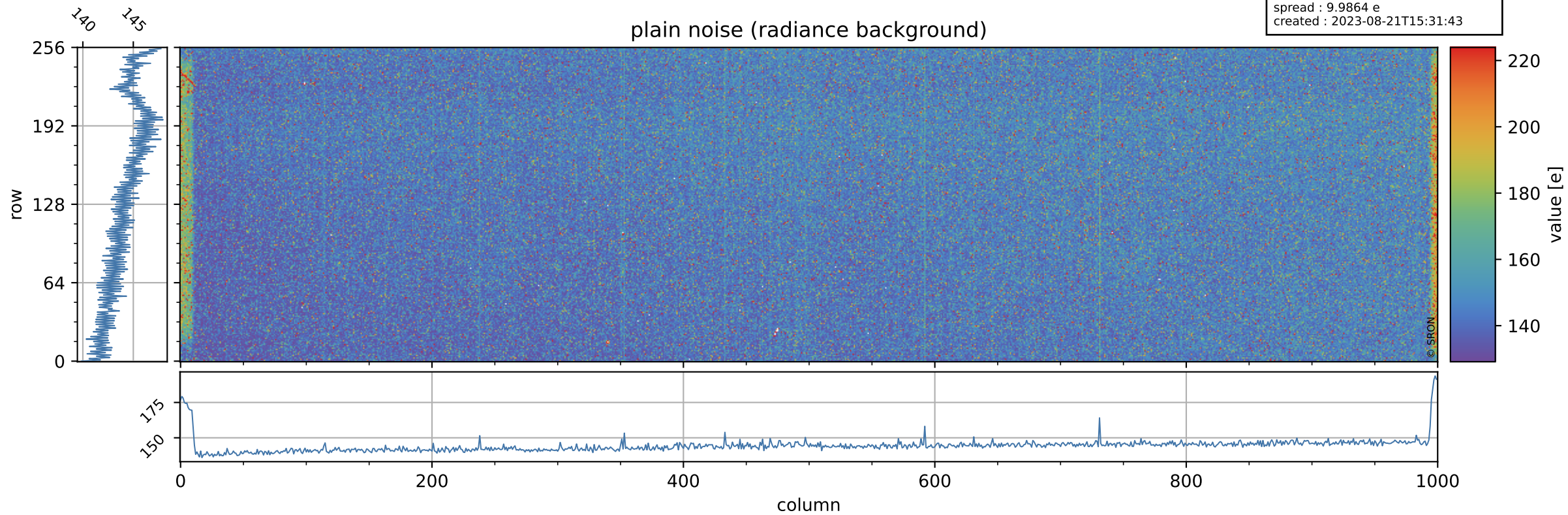
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
n_coad, t_exp : 1, 0.8383
median : 144.08 e
spread : 9.9864 e
created : 2023-08-21T15:31:43

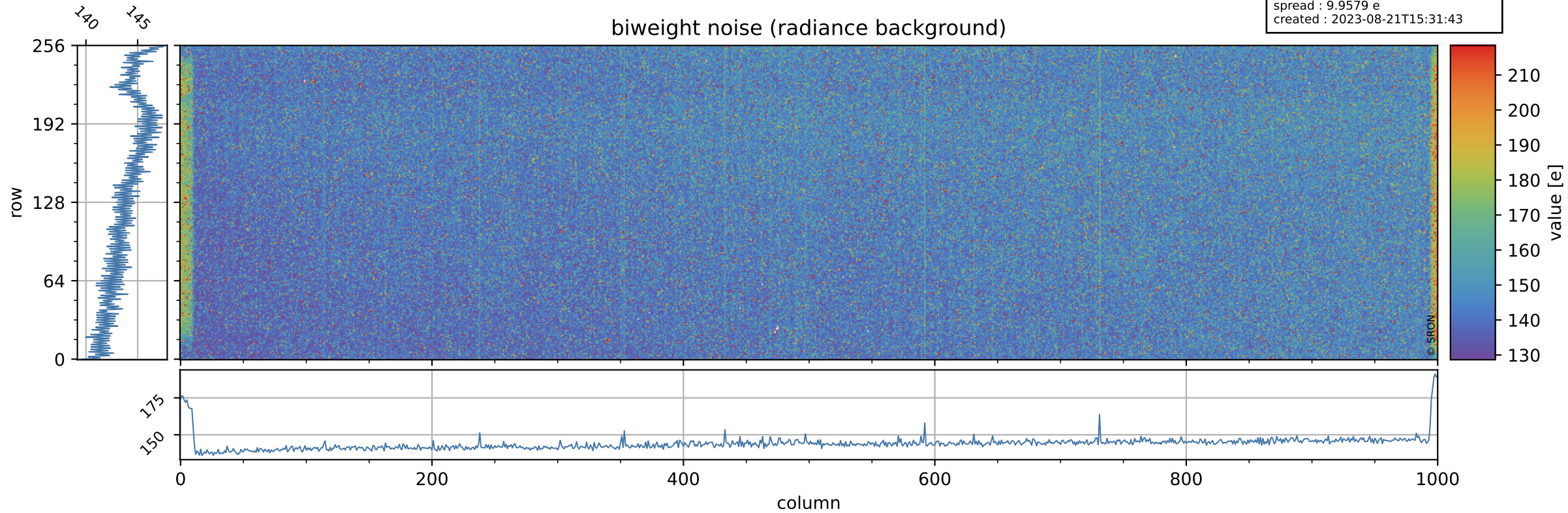
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9579 e
created : 2023-08-21T15:31:43

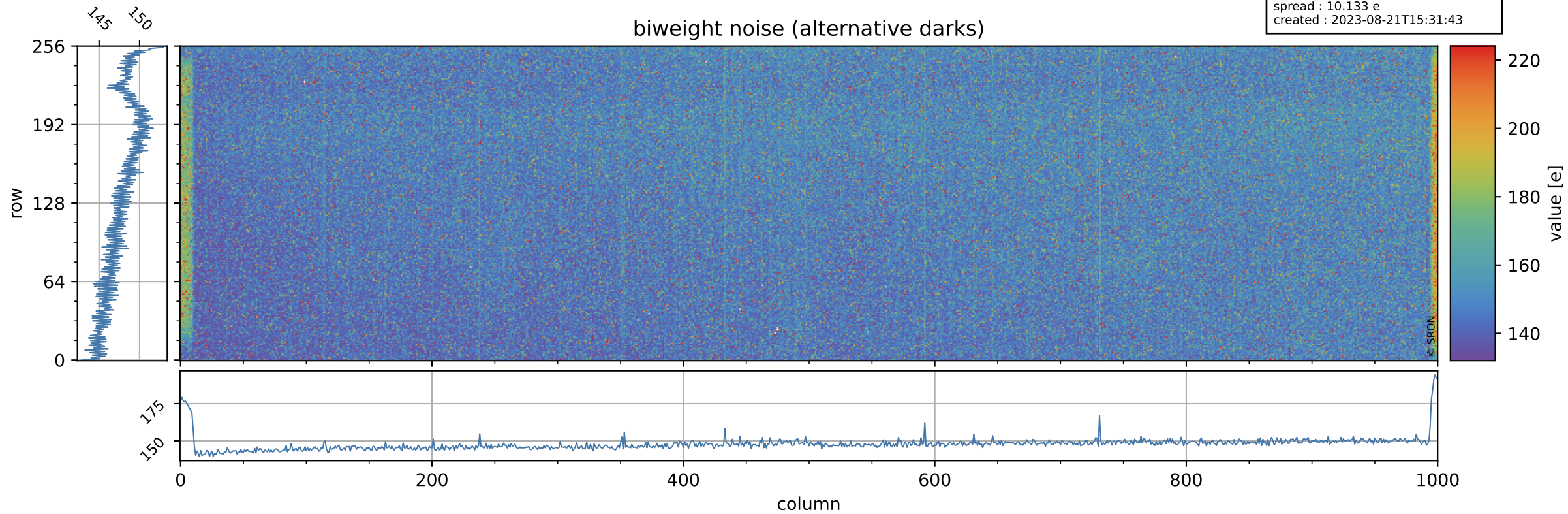
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.133 e
created : 2023-08-21T15:31:43

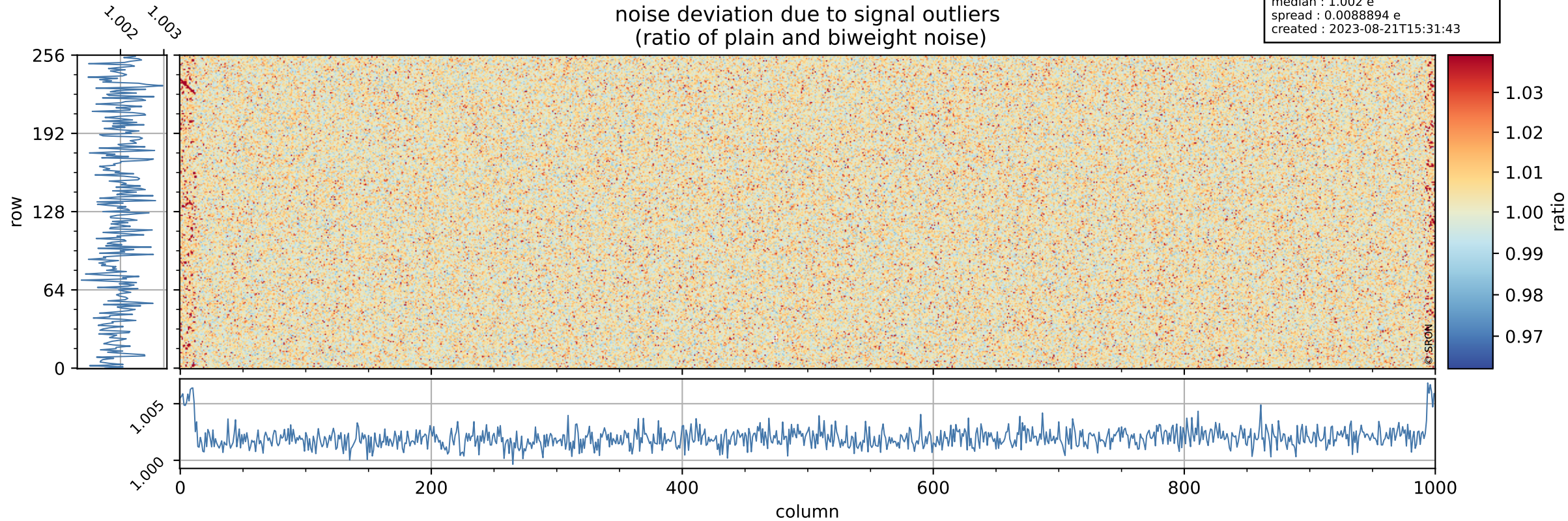
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

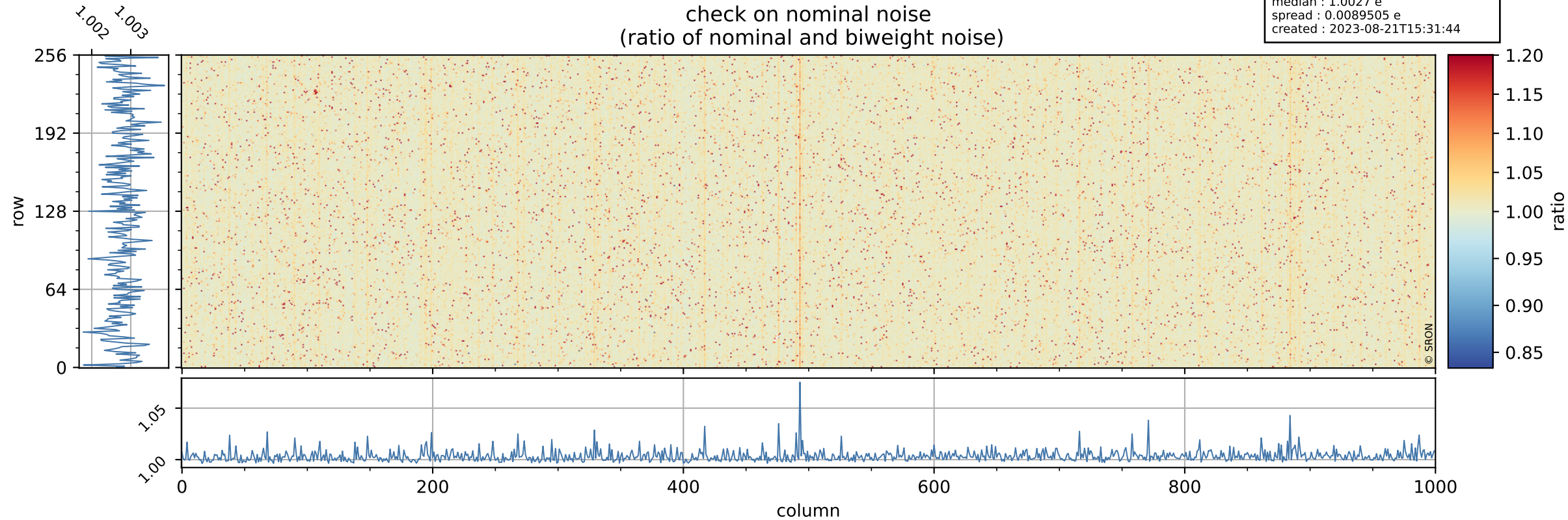
orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
median : 1.002 e
spread : 0.0088894 e
created : 2023-08-21T15:31:43



Tropomi SWIR background noise (swir)

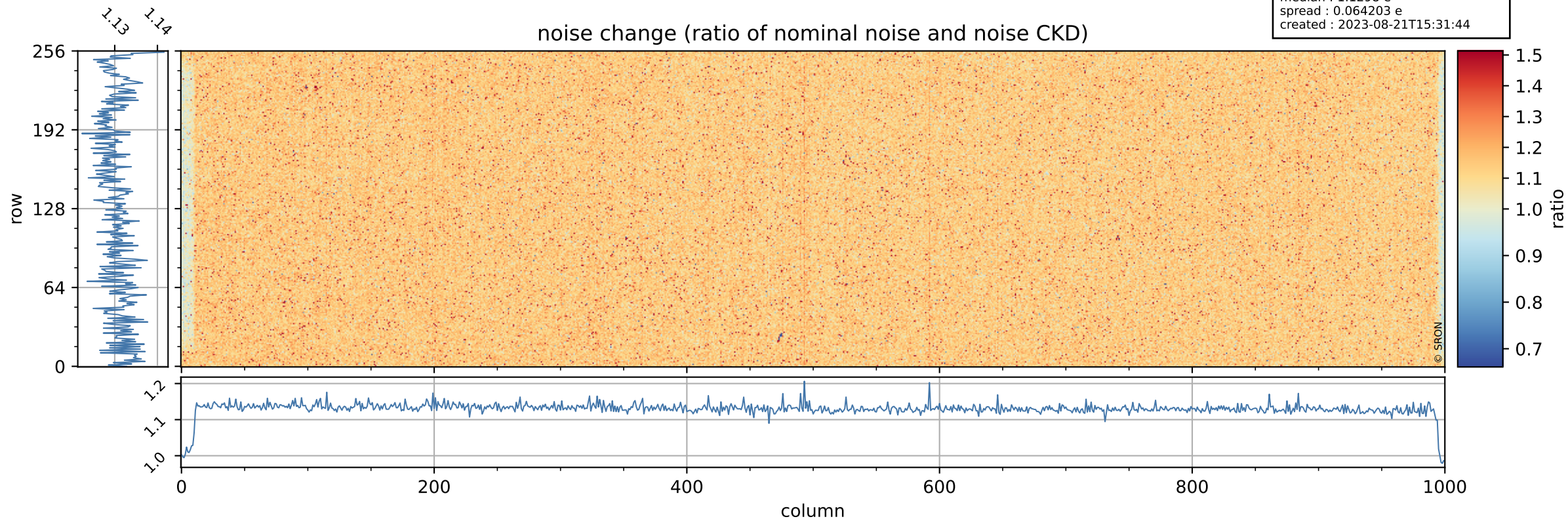
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
median : 1.0027 e
spread : 0.0089505 e
created : 2023-08-21T15:31:44



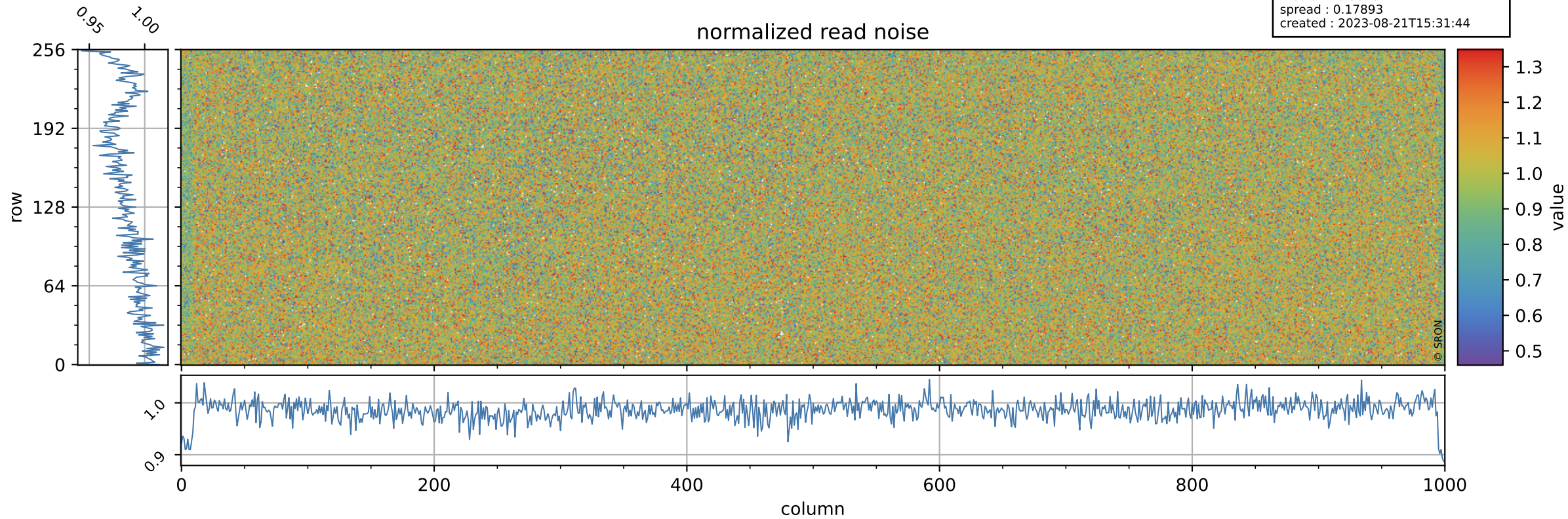
Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
median : 1.1298 e
spread : 0.064203 e
created : 2023-08-21T15:31:44



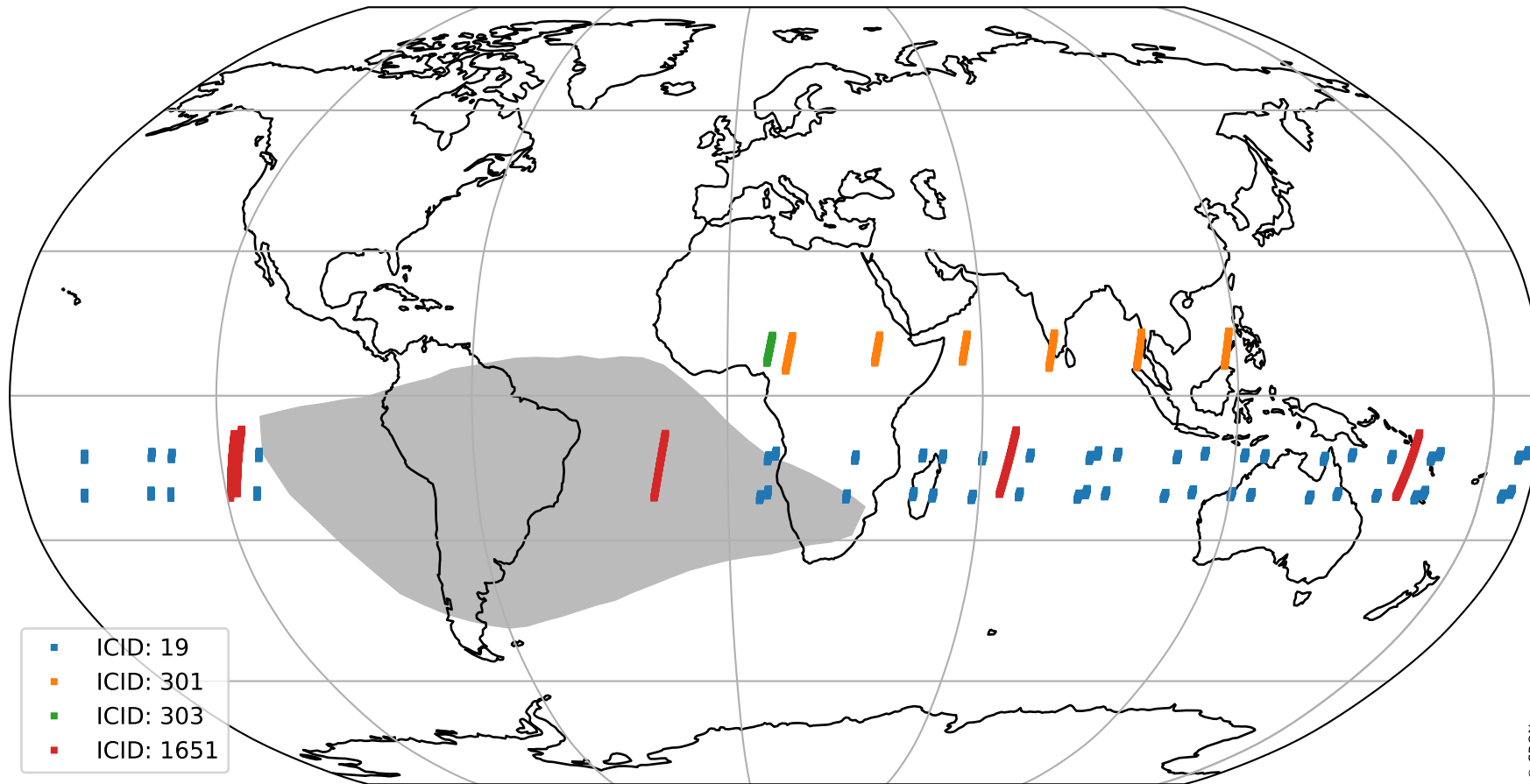
Tropomi SWIR background noise (swir)

orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
median : 0.98454
spread : 0.17893
created : 2023-08-21T15:31:44



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

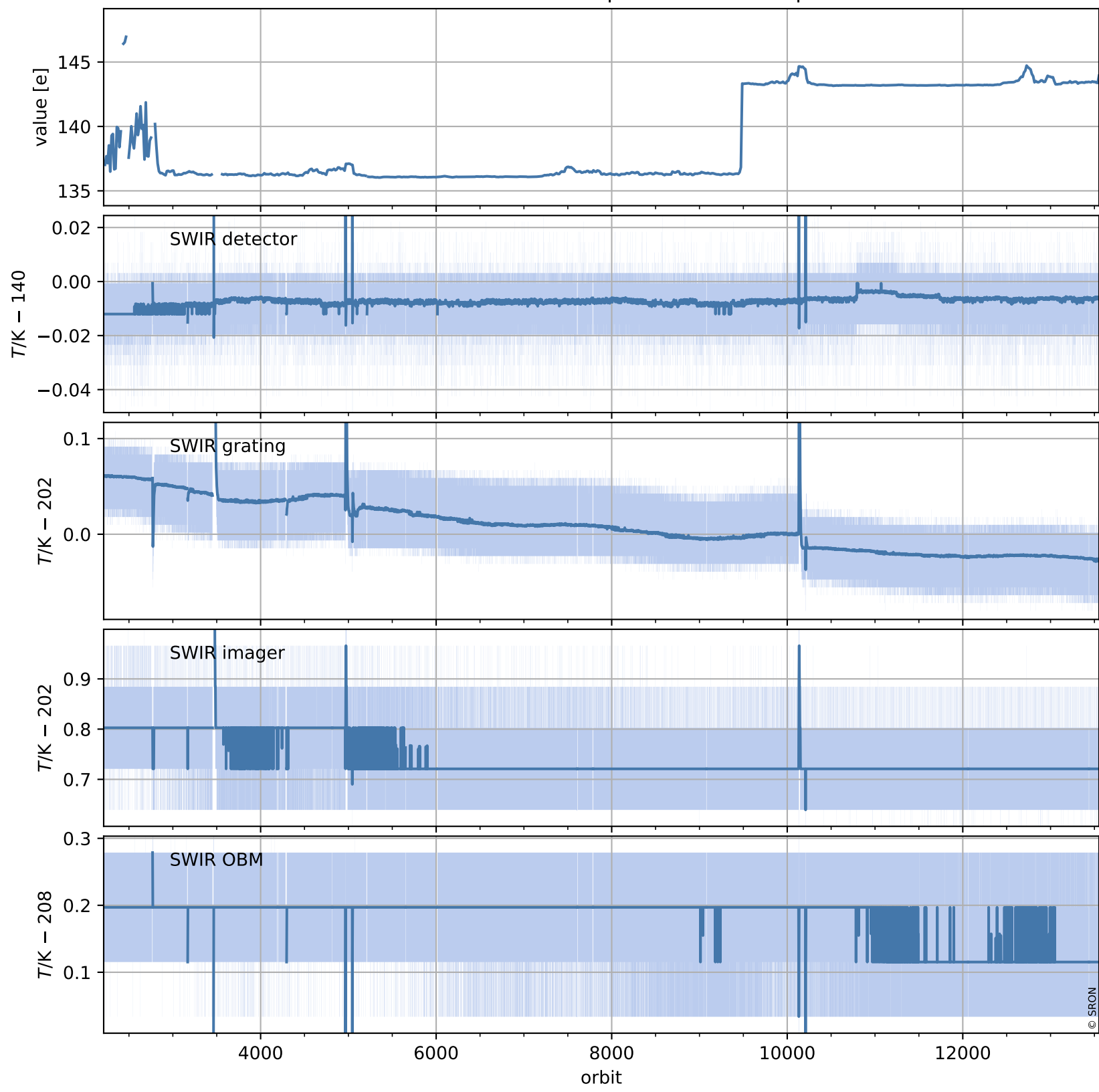
orbits : 12 in [13462, 13552]
coverage : 2020-05-19 / 2020-05-25
created : 2023-08-21T15:31:45



Tropomi SWIR background noise (swir)

orbits : [2212, 13552]
coverage : 2018-03-18 / 2020-05-25
created : 2023-08-21T15:31:45

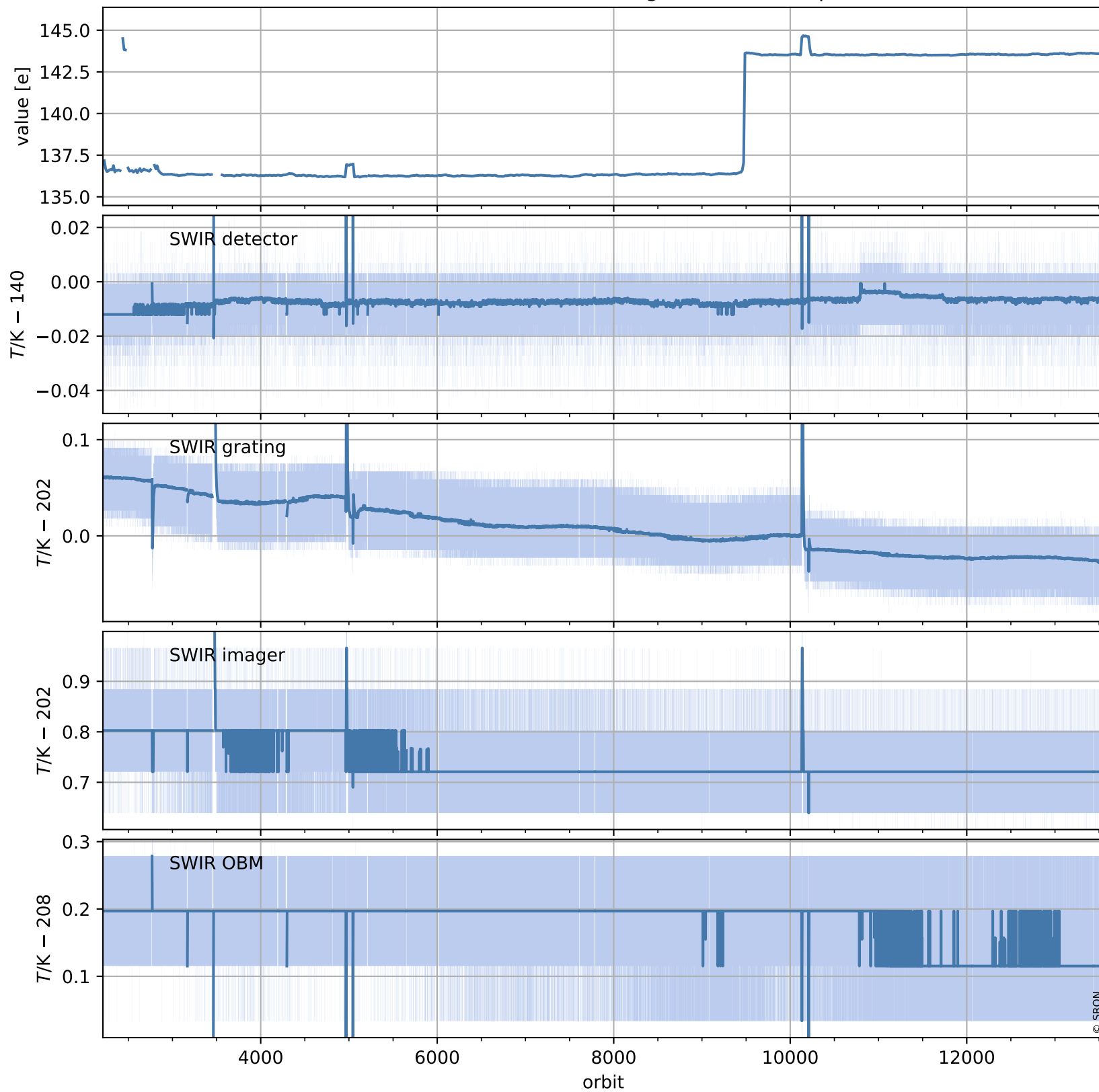
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13552]
coverage : 2018-03-18 / 2020-05-25
created : 2023-08-21T15:31:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13552]
coverage : 2018-03-18 / 2020-05-25
created : 2023-08-21T15:31:46

trend of normalized read-noise & temperatures

