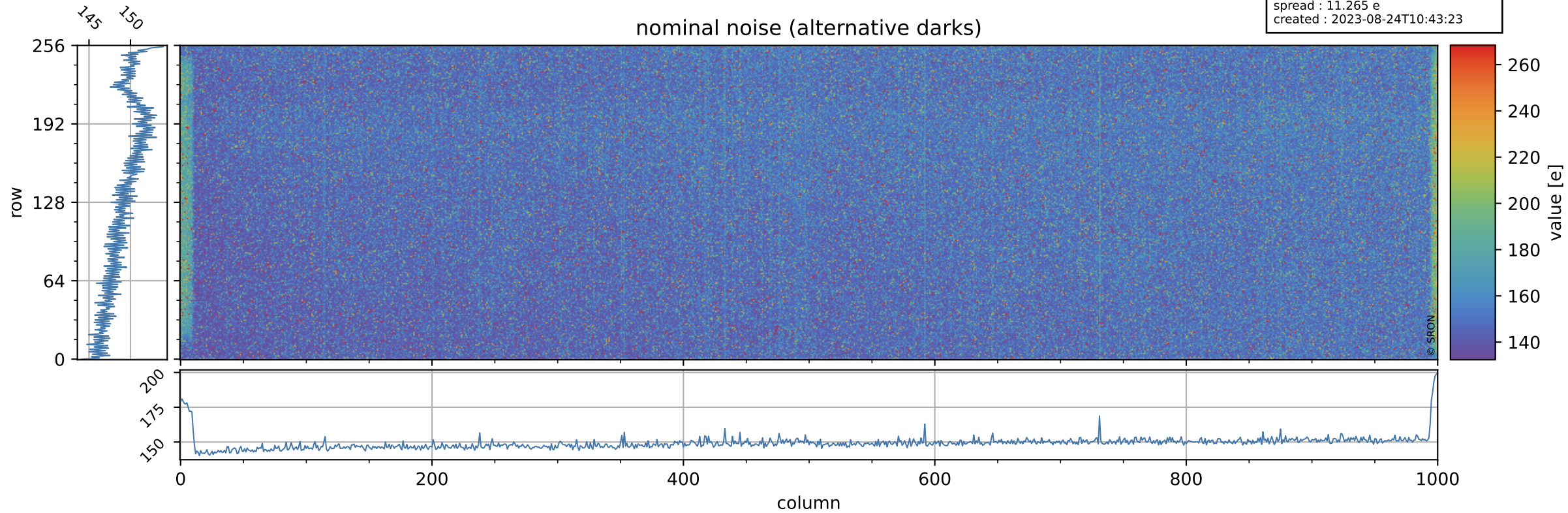


Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
n_coad, t_exp : 1, 1.0783
median : 149.03 e
spread : 11.265 e
created : 2023-08-24T10:43:23

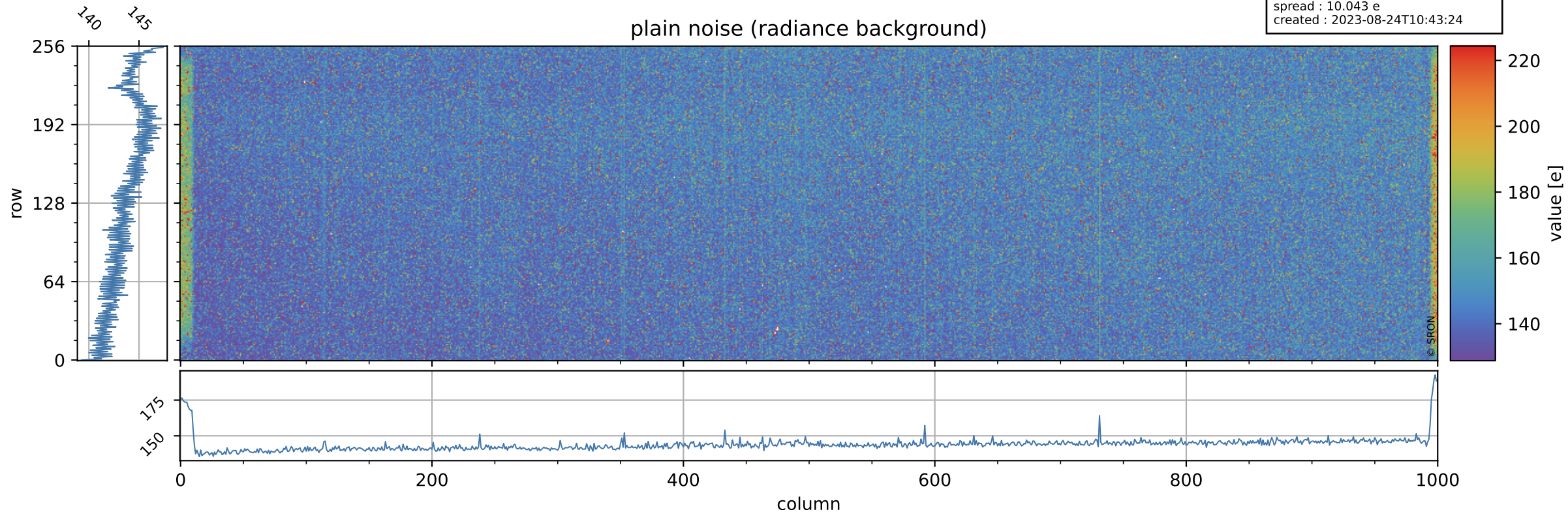
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 10.043 e
created : 2023-08-24T10:43:24

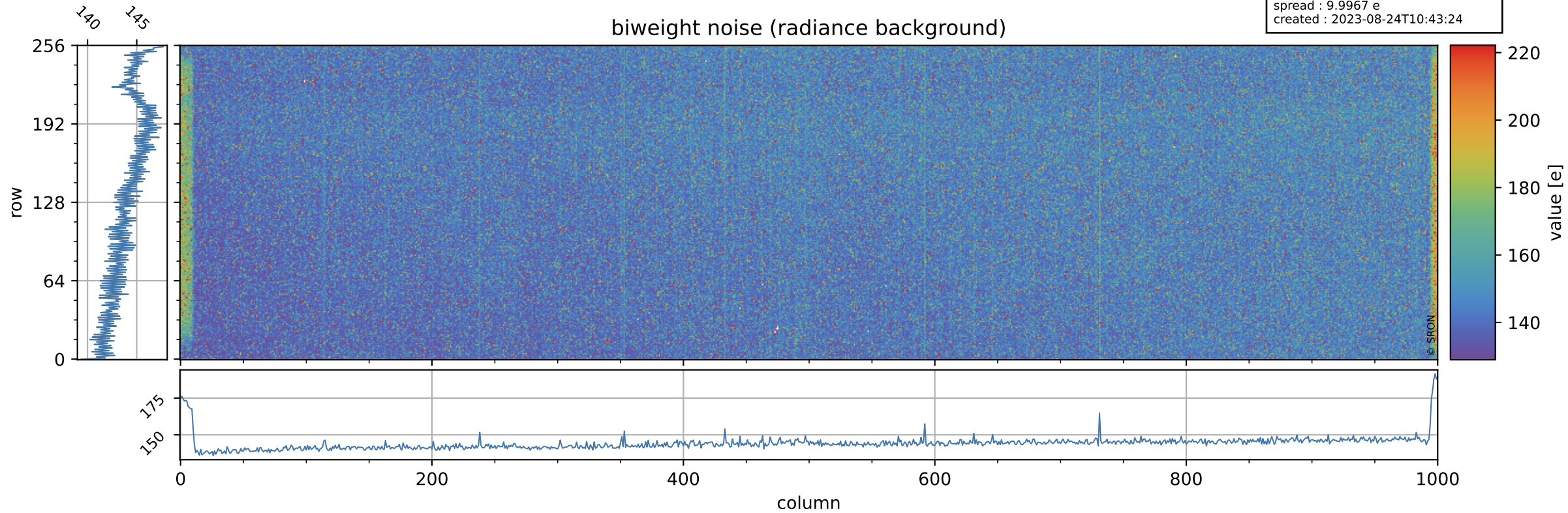
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 9.9967 e
created : 2023-08-24T10:43:24

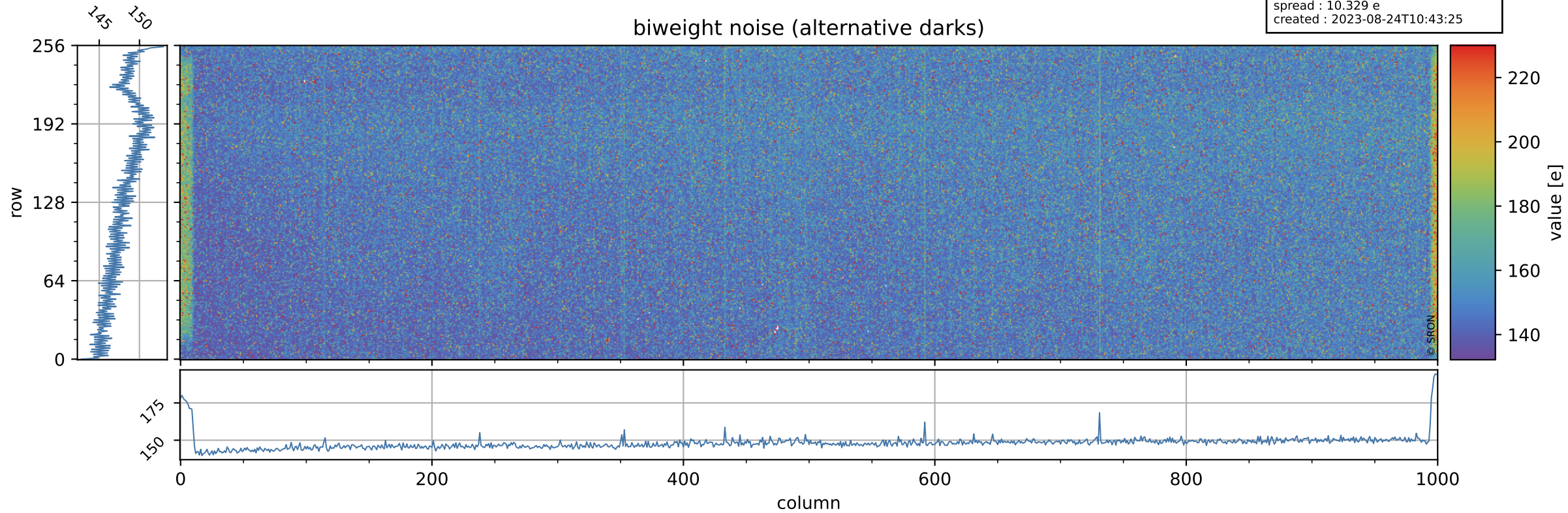
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
n_coad, t_exp : 1, 1.0783
median : 147.88 e
spread : 10.329 e
created : 2023-08-24T10:43:25

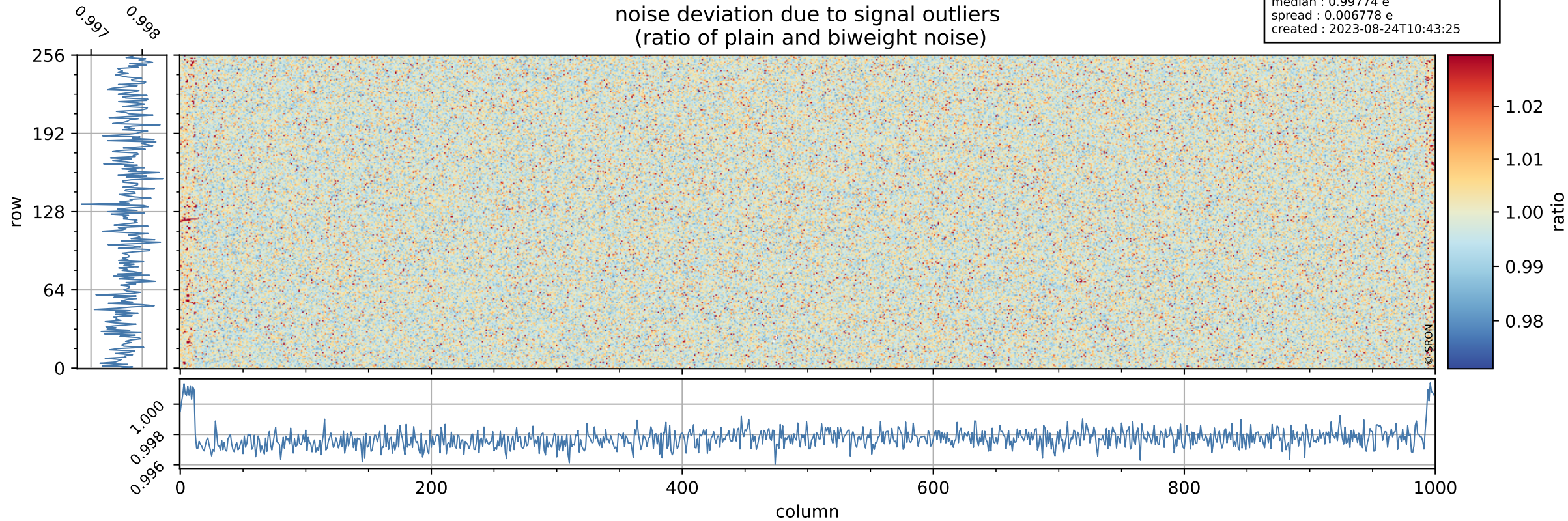
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

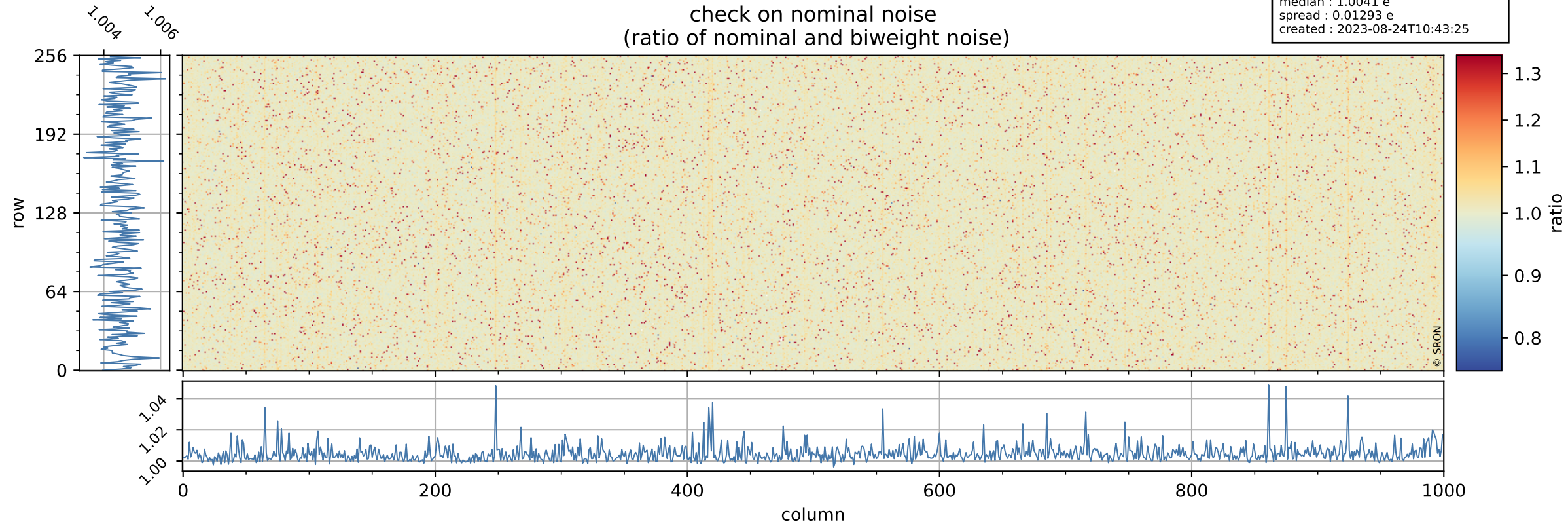
orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
median : 0.99774 e
spread : 0.006778 e
created : 2023-08-24T10:43:25



Tropomi SWIR background noise (swir)

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

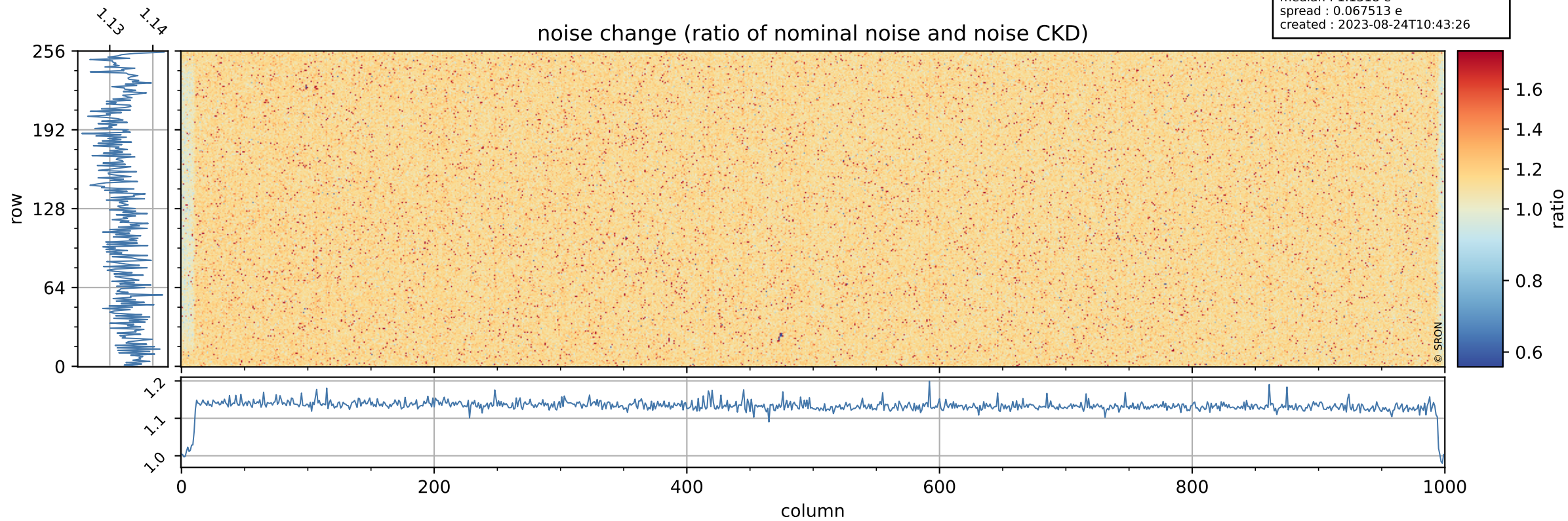
orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
median : 1.0041 e
spread : 0.01293 e
created : 2023-08-24T10:43:25



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
median : 1.1318 e
spread : 0.067513 e
created : 2023-08-24T10:43:26

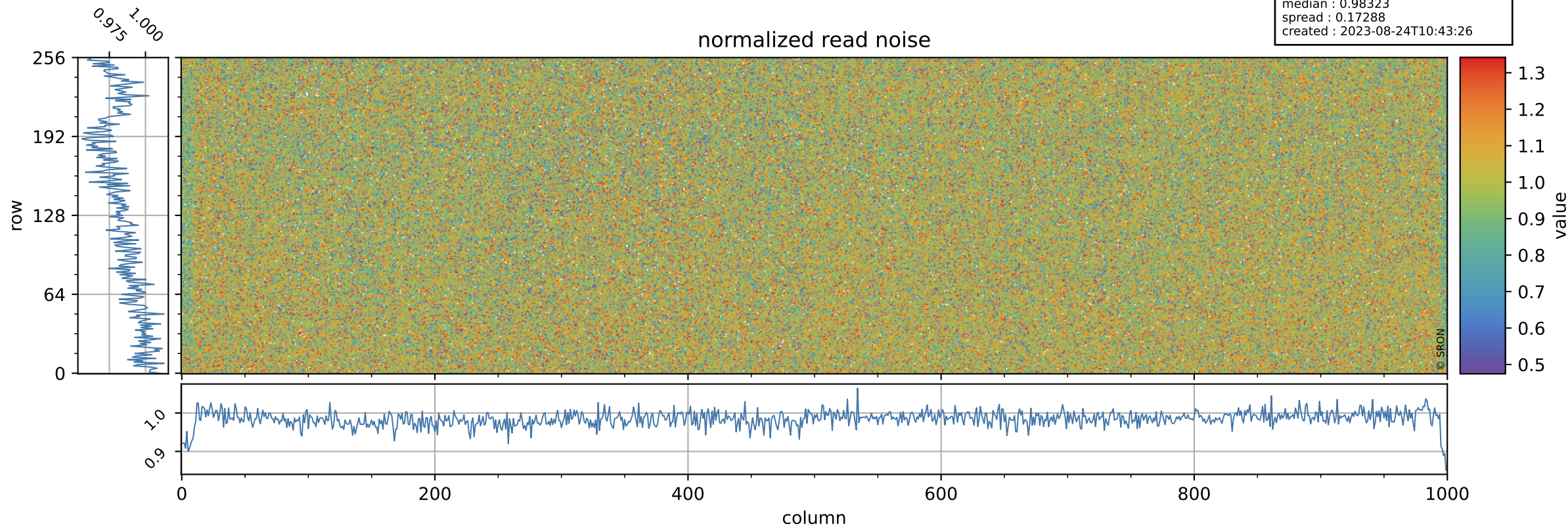
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

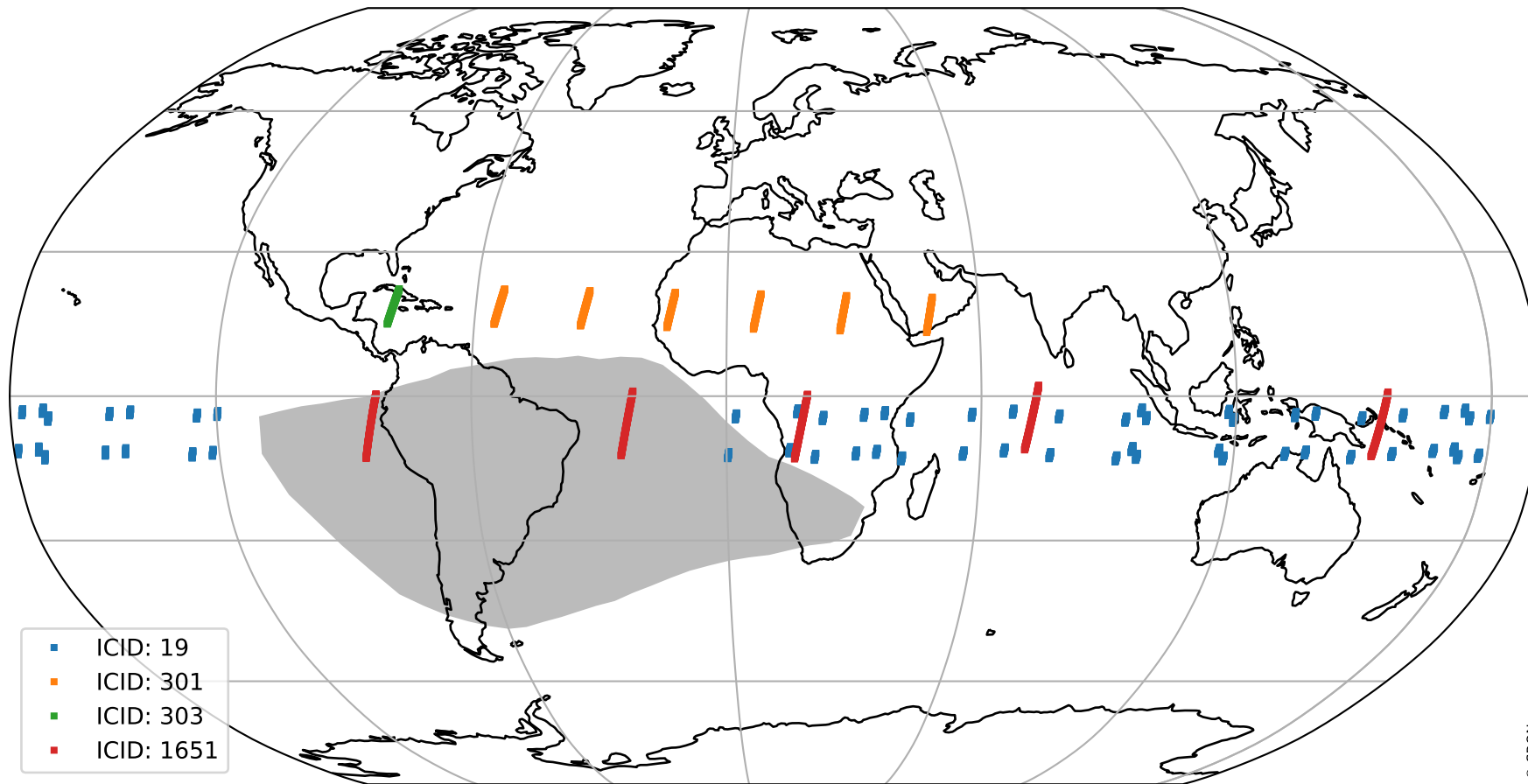
orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
median : 0.98323
spread : 0.17288
created : 2023-08-24T10:43:26

normalized read noise



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

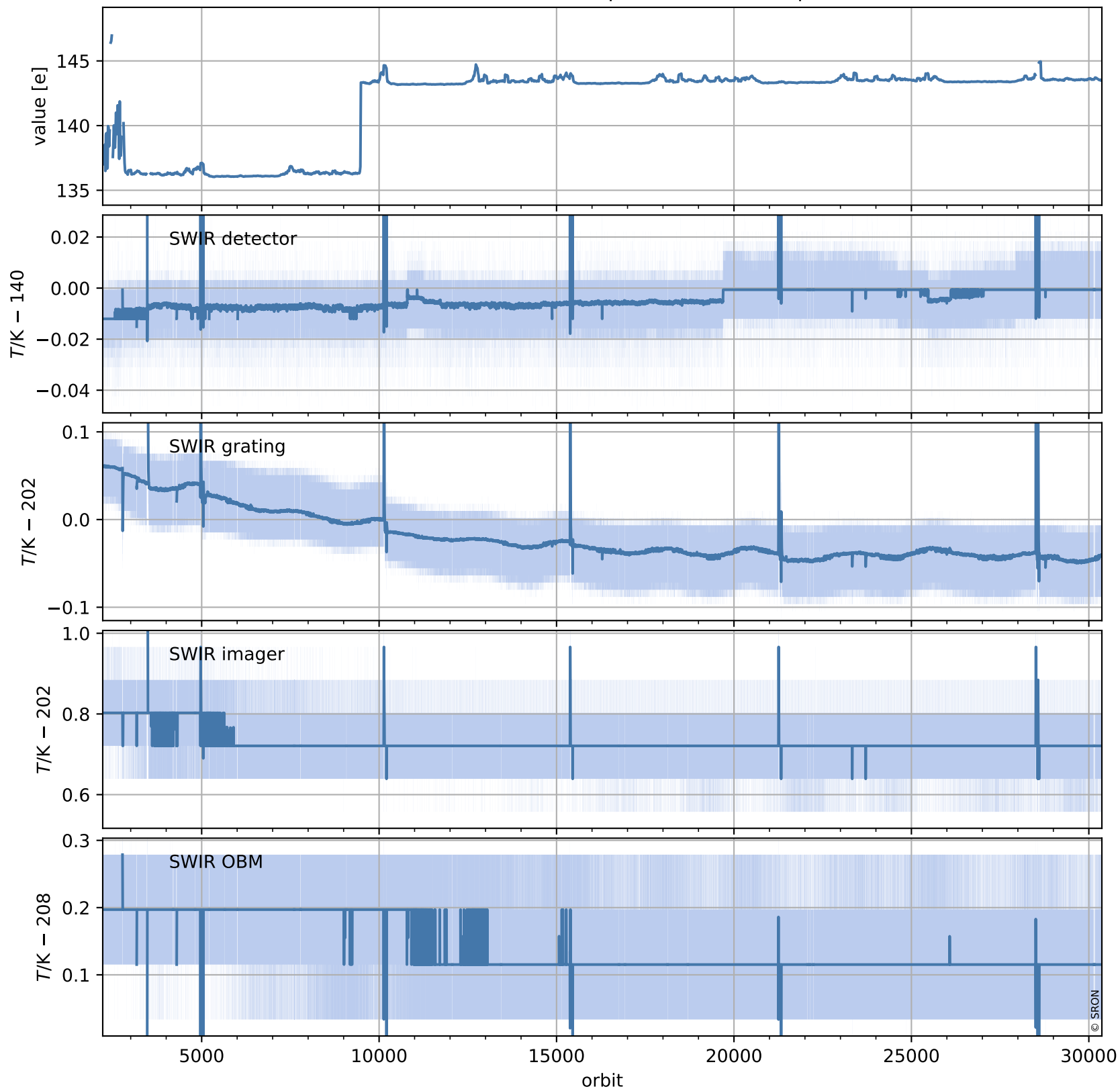
orbits : 12 in [30277, 30367]
coverage : 2023-08-17 / 2023-08-23
created : 2023-08-24T10:43:27



Tropomi SWIR background noise (swir)

orbits : [2212, 30367]
coverage : 2018-03-18 / 2023-08-23
created : 2023-08-24T10:43:28

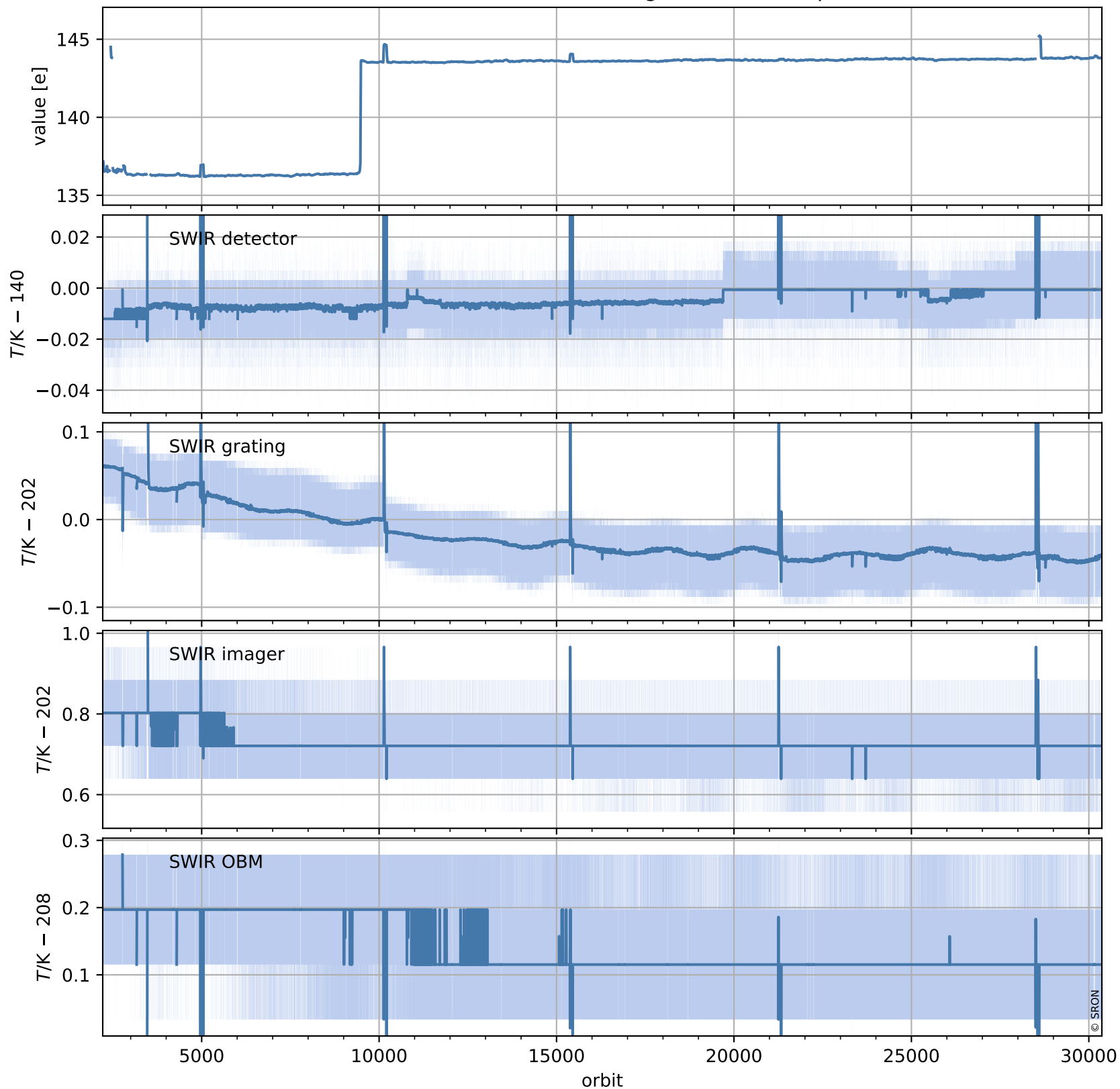
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30367]
coverage : 2018-03-18 / 2023-08-23
created : 2023-08-24T10:43:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30367]
coverage : 2018-03-18 / 2023-08-23
created : 2023-08-24T10:43:30

trend of normalized read-noise & temperatures

