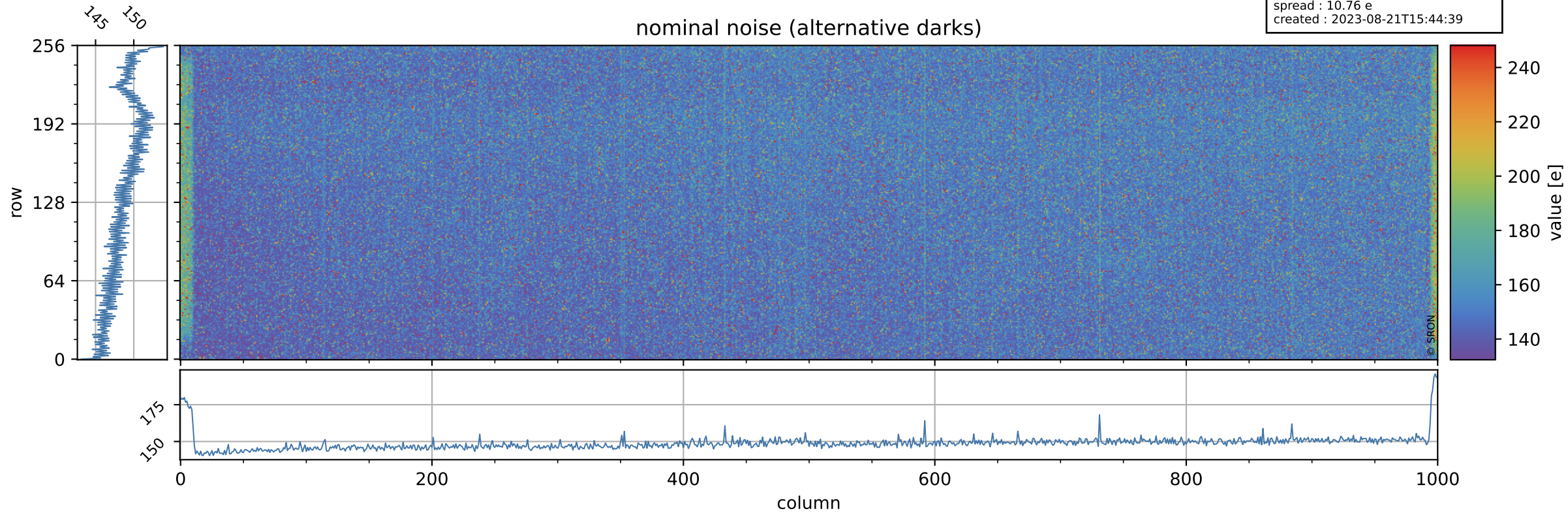


Tropomi SWIR background noise (swir)

orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.76 e
created : 2023-08-21T15:44:39

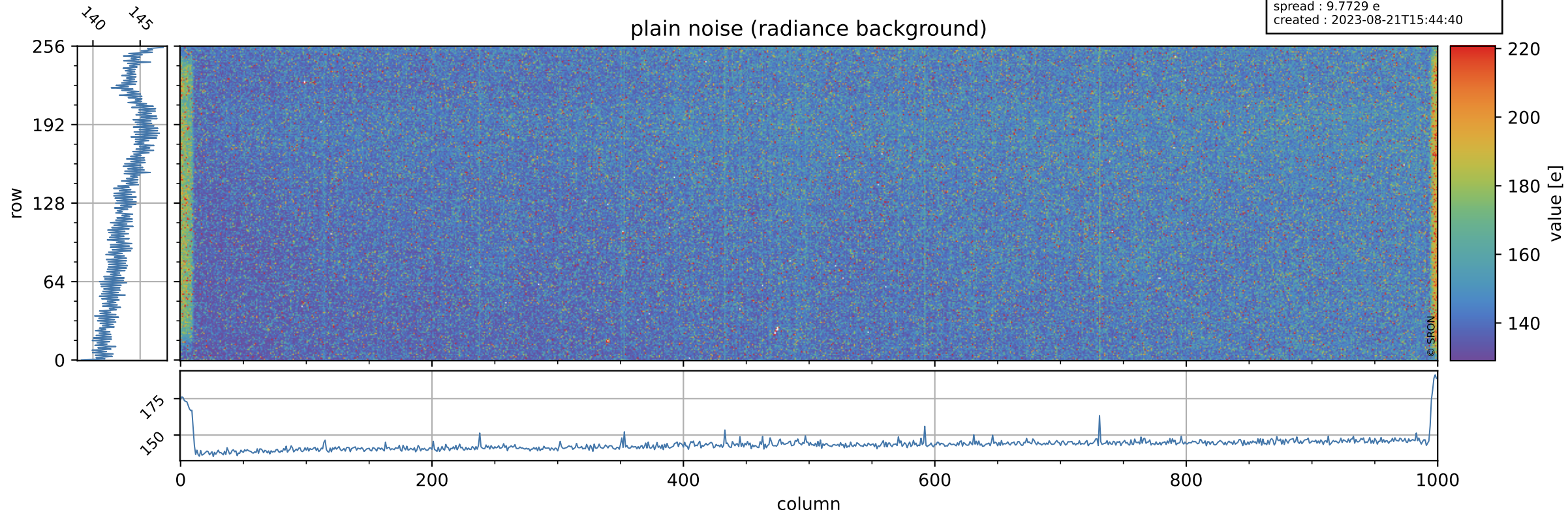
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7729 e
created : 2023-08-21T15:44:40

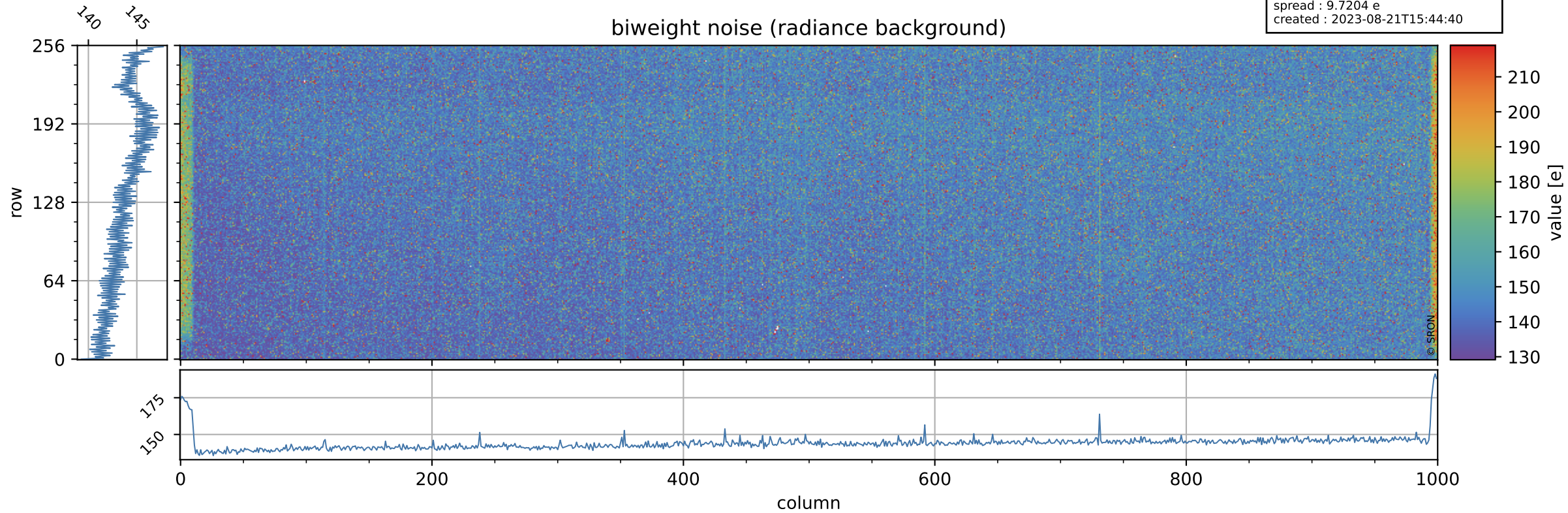
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7204 e
created : 2023-08-21T15:44:40

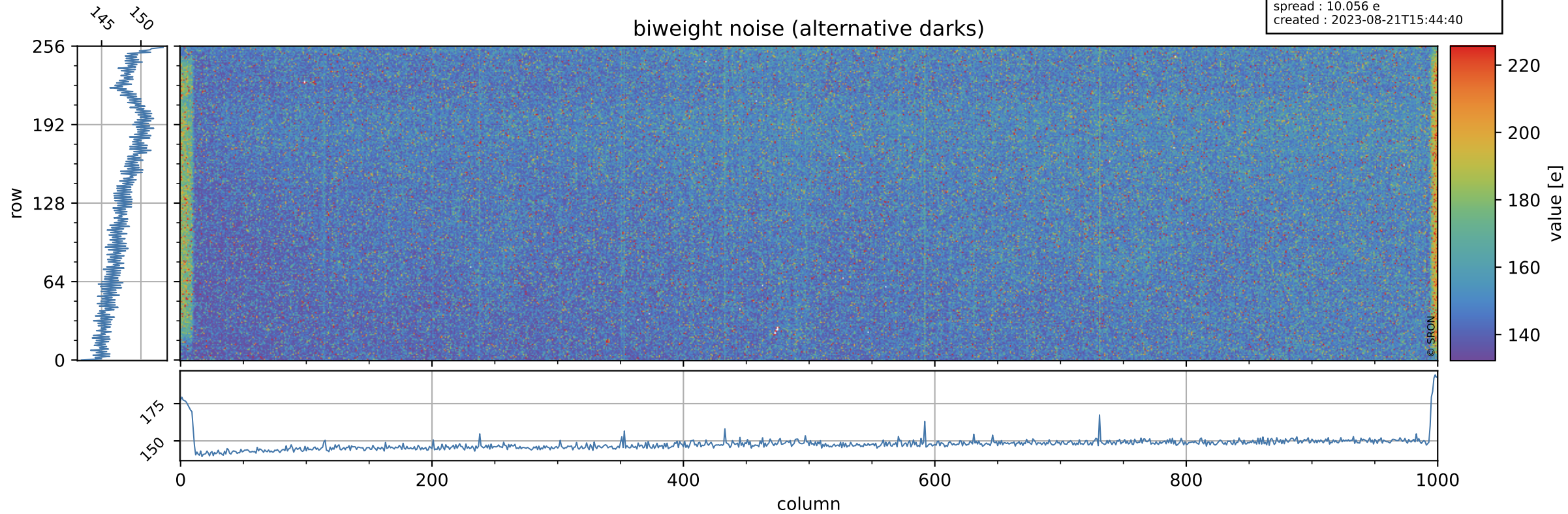
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.056 e
created : 2023-08-21T15:44:40

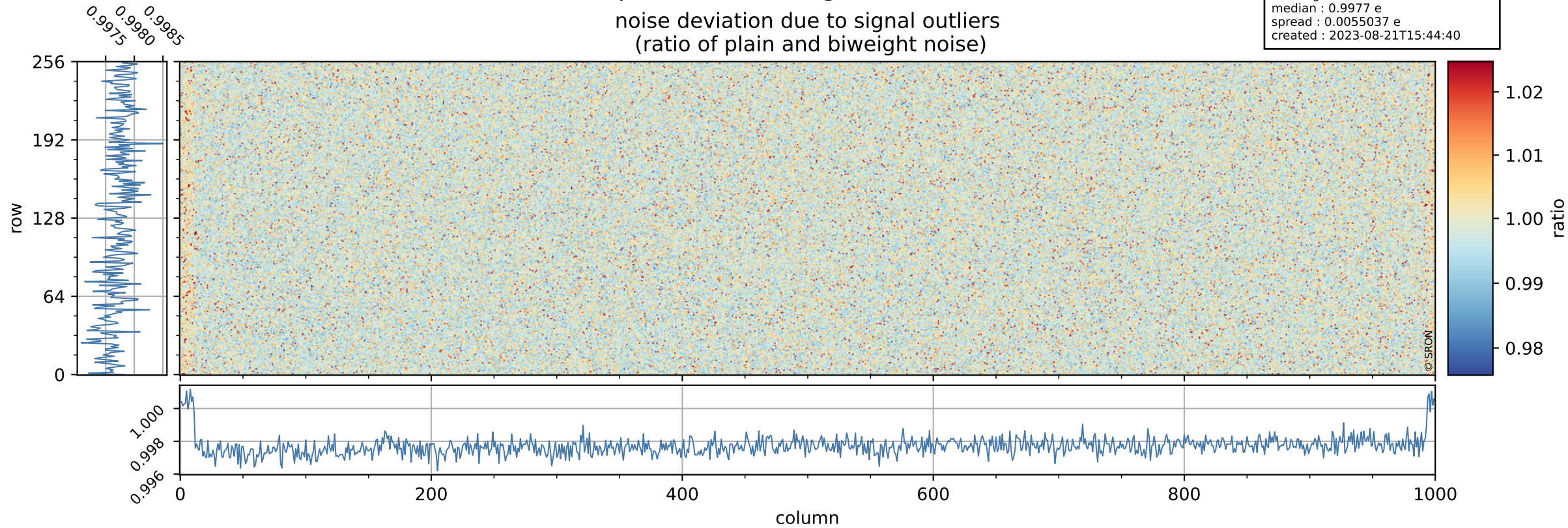
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

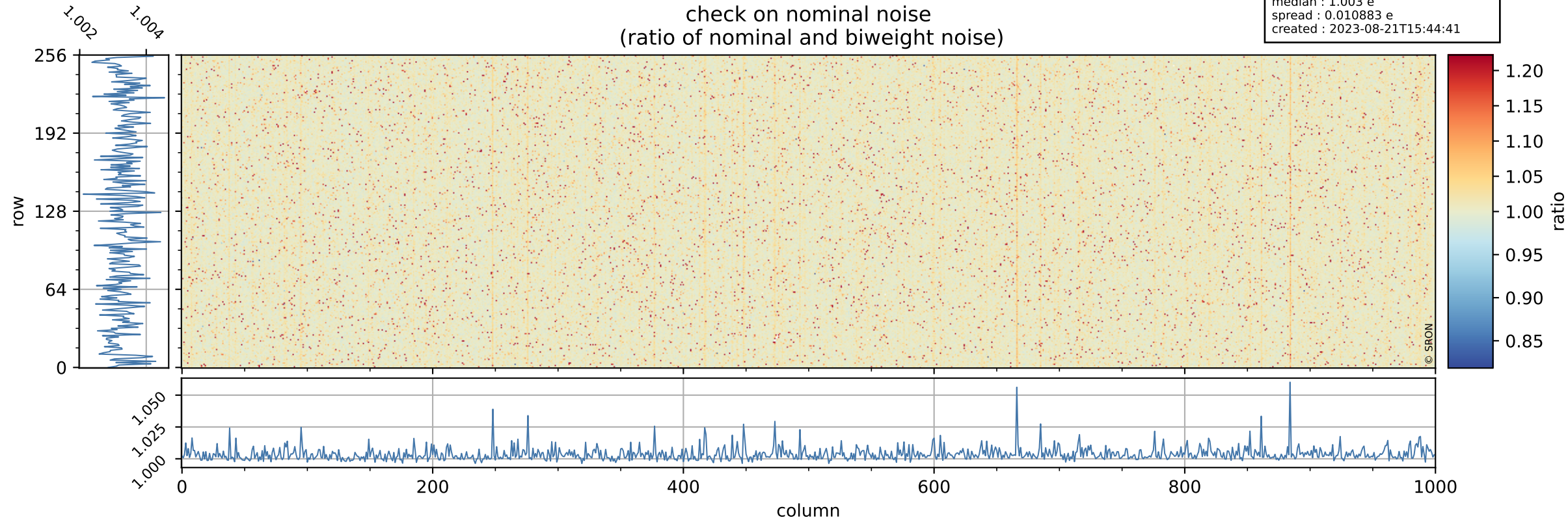
orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
median : 0.9977 e
spread : 0.0055037 e
created : 2023-08-21T15:44:40



Tropomi SWIR background noise (swir)

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

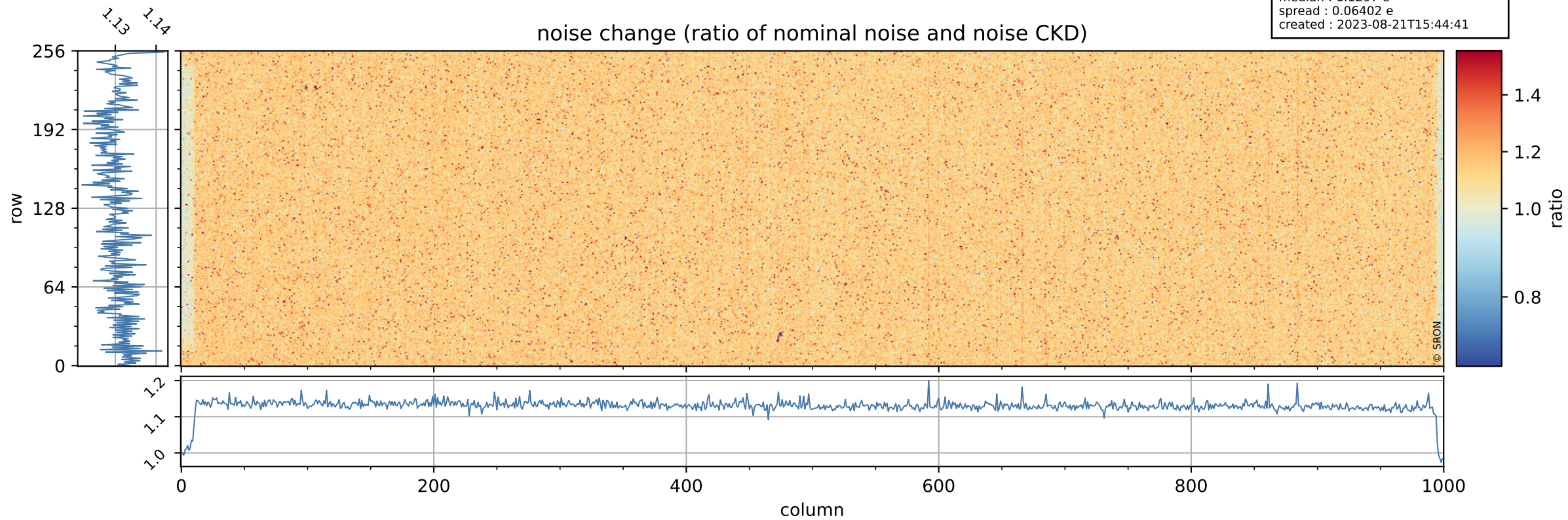
orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
median : 1.003 e
spread : 0.010883 e
created : 2023-08-21T15:44:41



Tropomi SWIR background noise (swir)

orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
median : 1.1297 e
spread : 0.06402 e
created : 2023-08-21T15:44:41

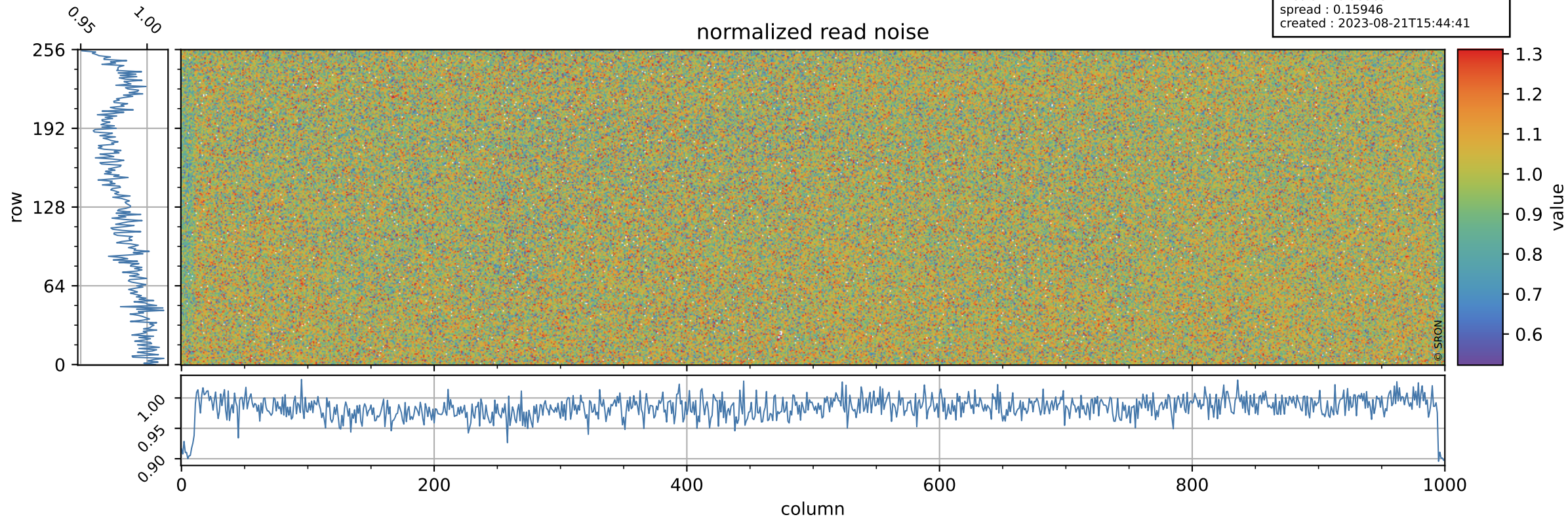
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

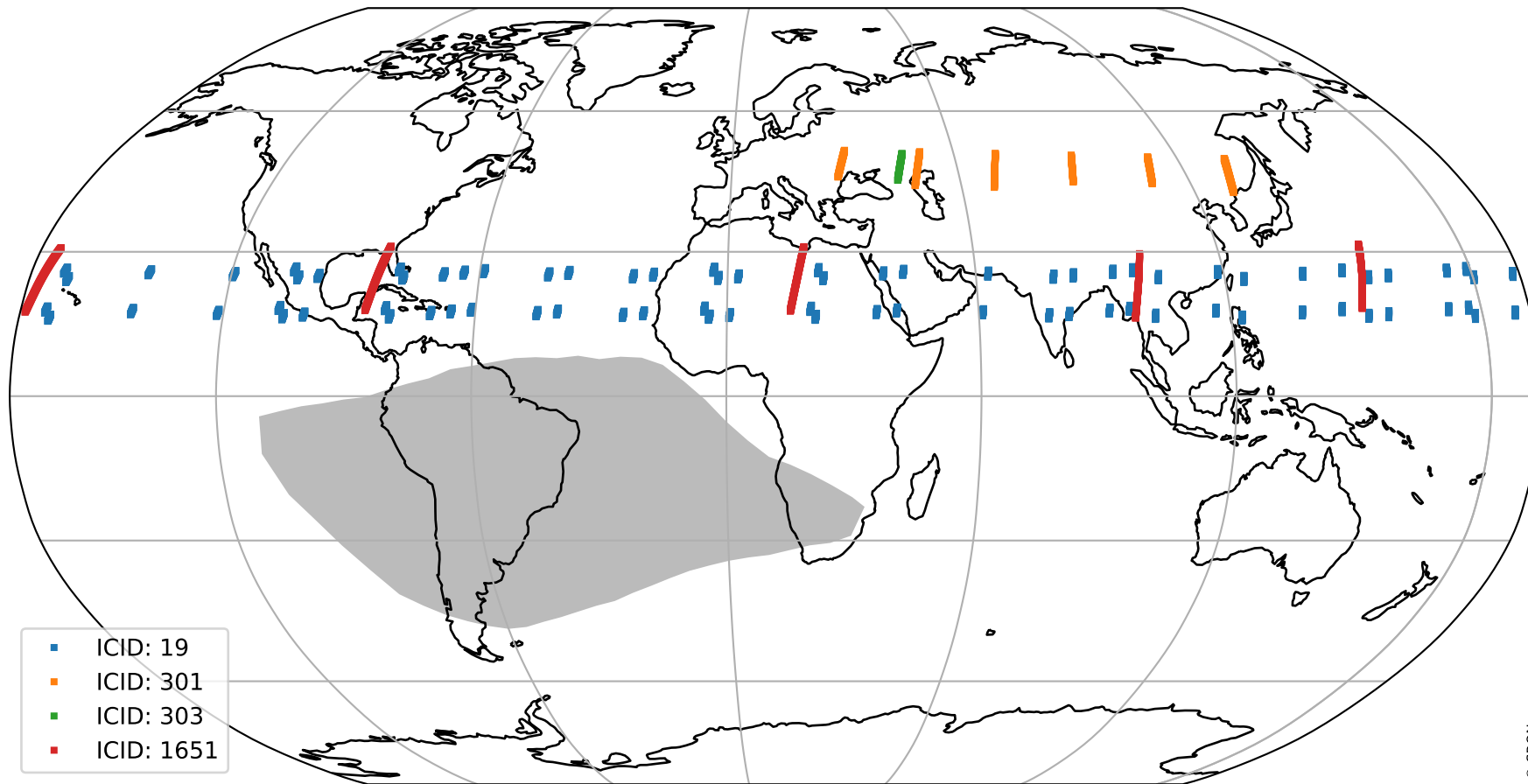
orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
median : 0.98303
spread : 0.15946
created : 2023-08-21T15:44:41

normalized read noise



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

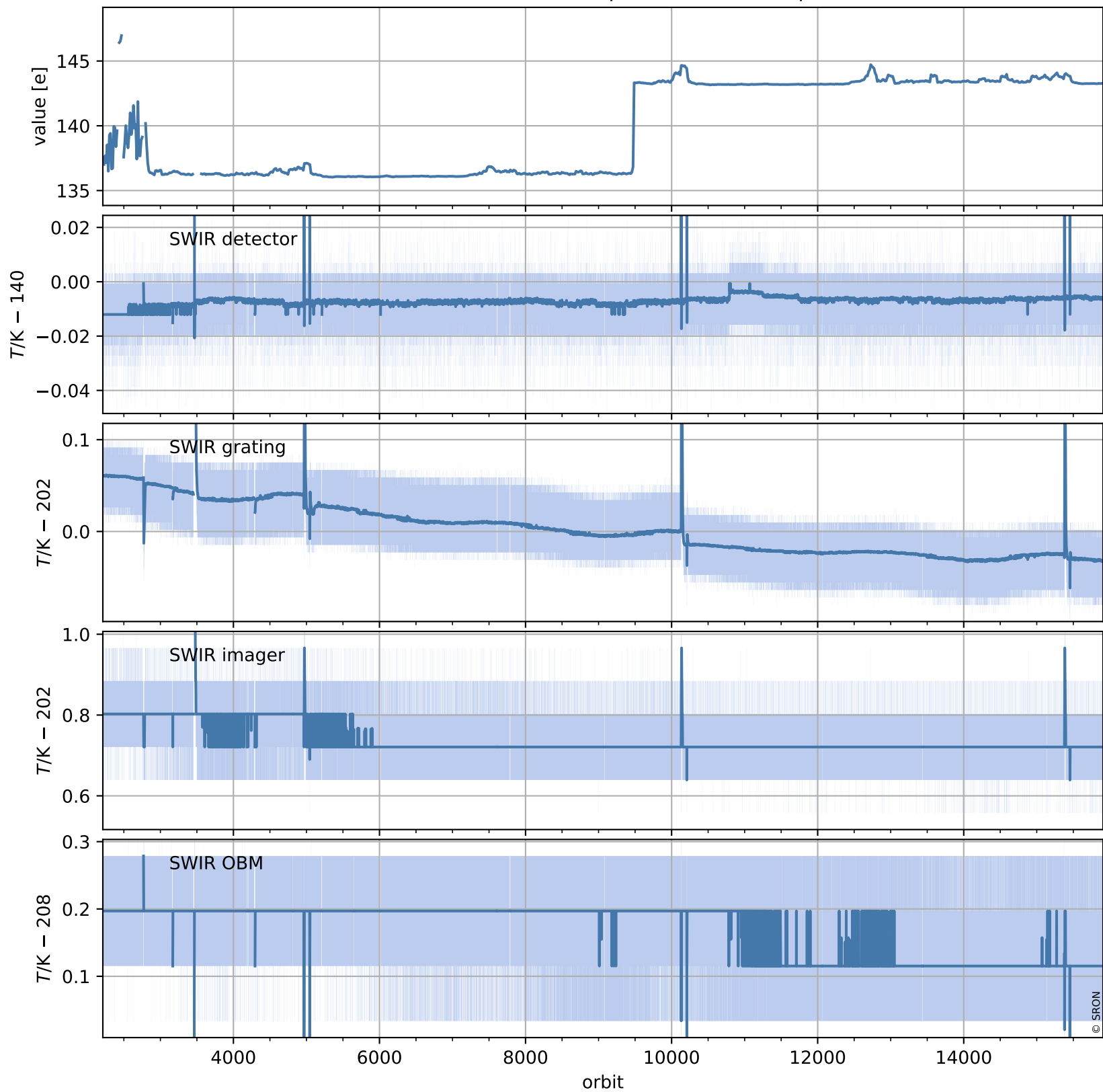
orbits : 12 in [15817, 15907]
coverage : 2020-11-01 / 2020-11-07
created : 2023-08-21T15:44:42



Tropomi SWIR background noise (swir)

orbits : [2212, 15907]
coverage : 2018-03-18 / 2020-11-07
created : 2023-08-21T15:44:42

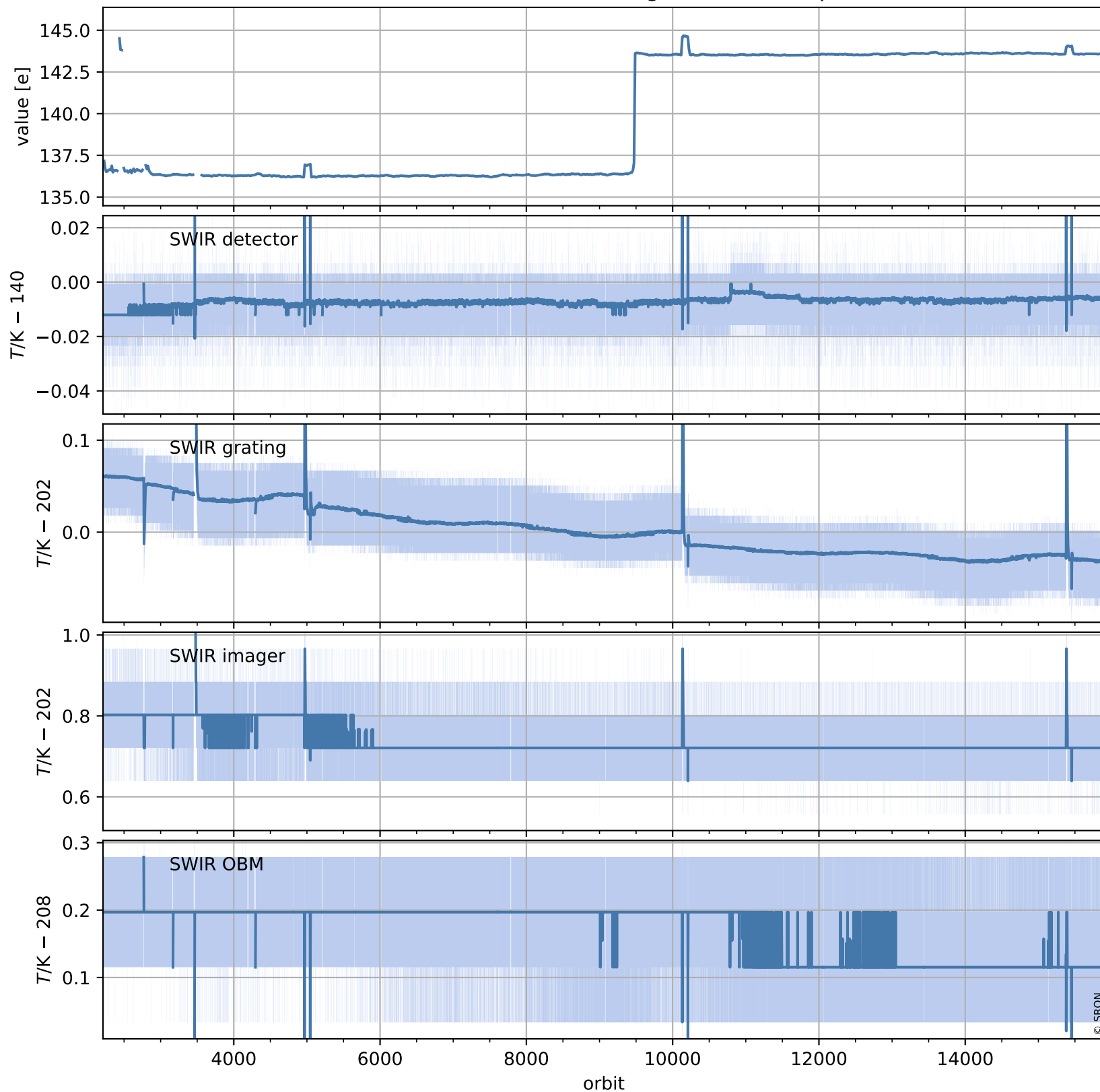
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15907]
coverage : 2018-03-18 / 2020-11-07
created : 2023-08-21T15:44:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15907]
coverage : 2018-03-18 / 2020-11-07
created : 2023-08-21T15:44:43

trend of normalized read-noise & temperatures

