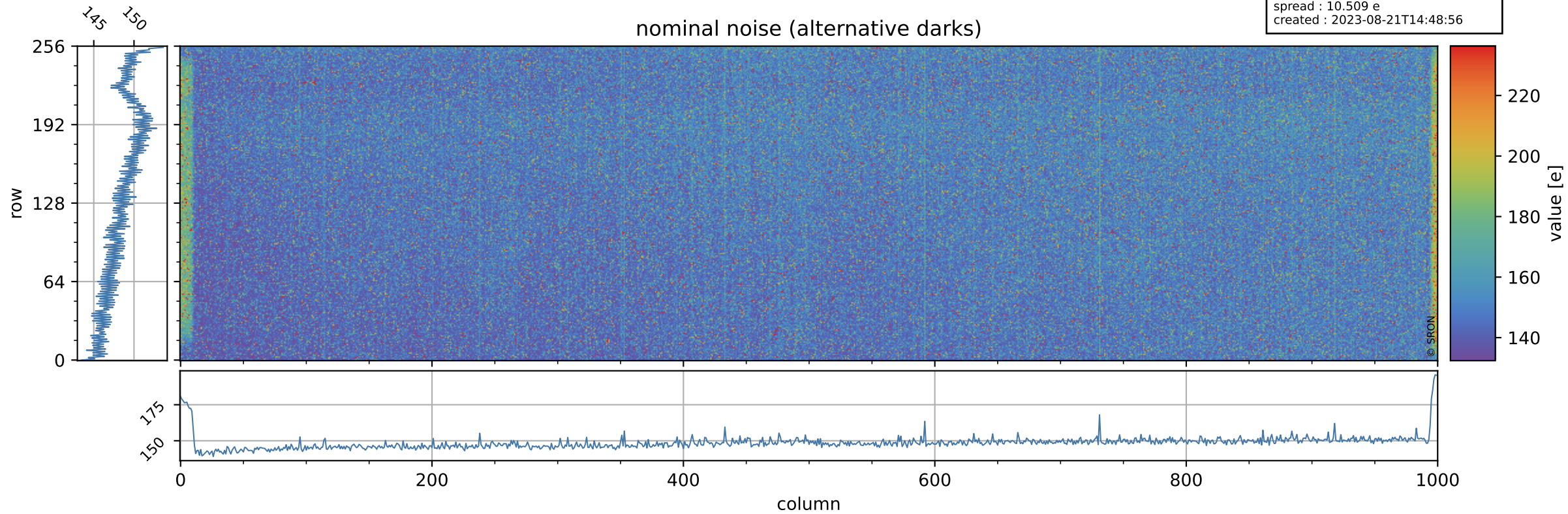


Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.509 e
created : 2023-08-21T14:48:56

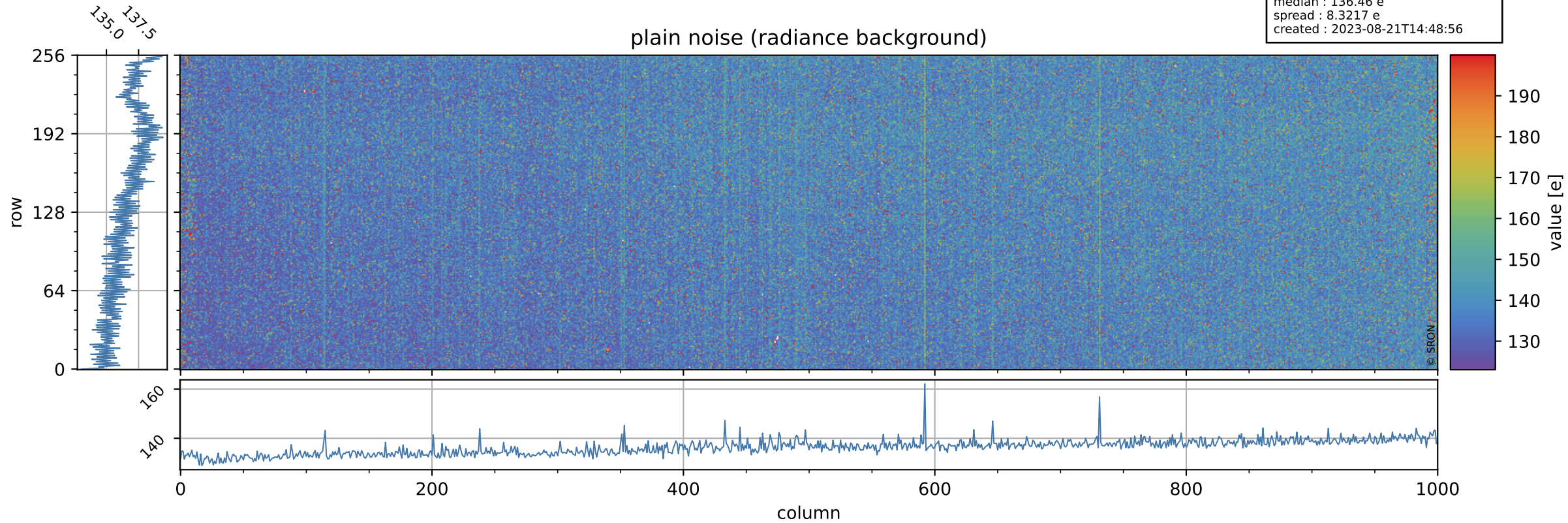
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
n_coad, t_exp : 2, 0.5383
median : 136.46 e
spread : 8.3217 e
created : 2023-08-21T14:48:56

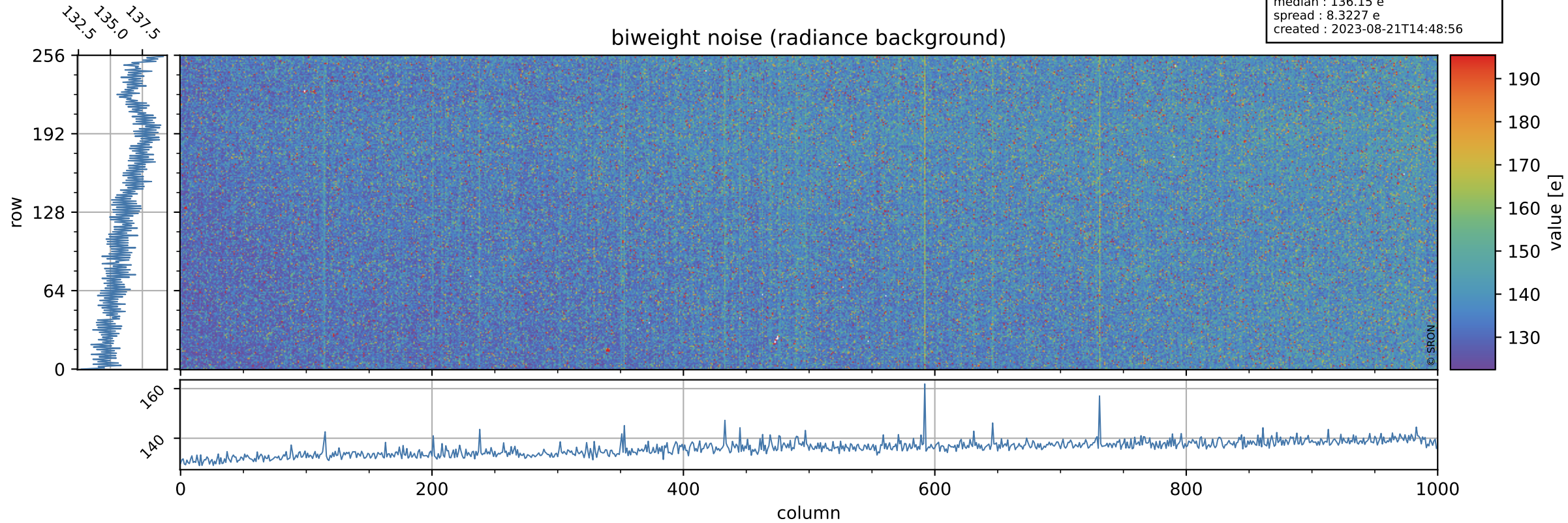
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3227 e
created : 2023-08-21T14:48:56

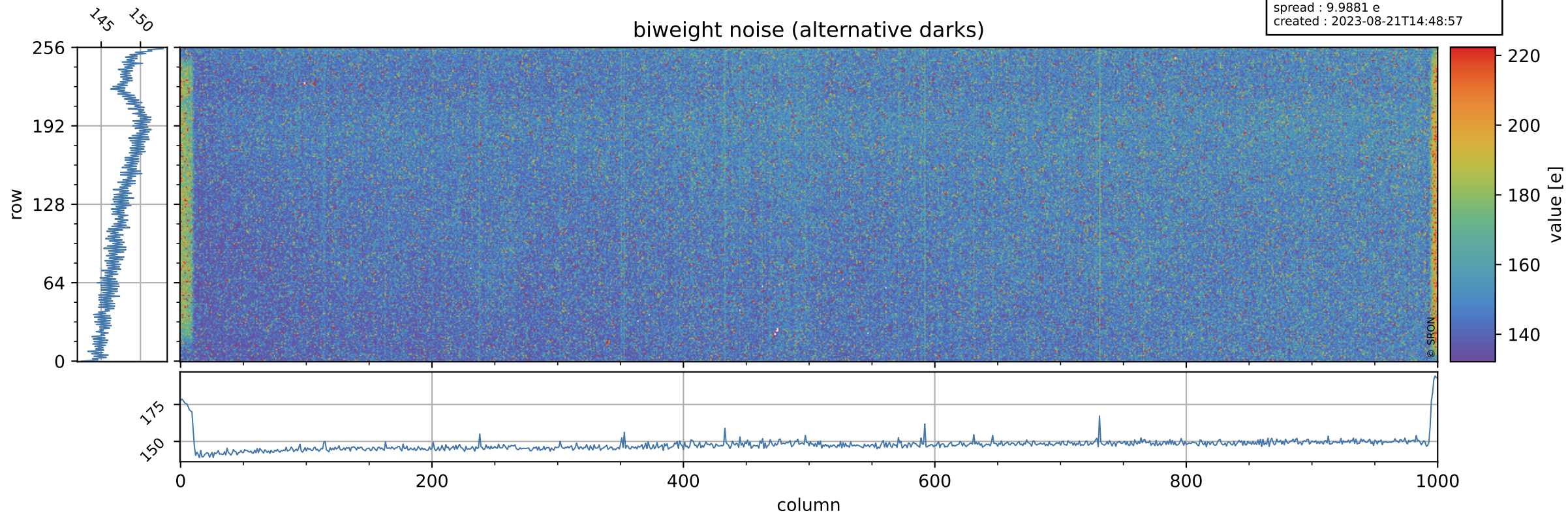
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9881 e
created : 2023-08-21T14:48:57

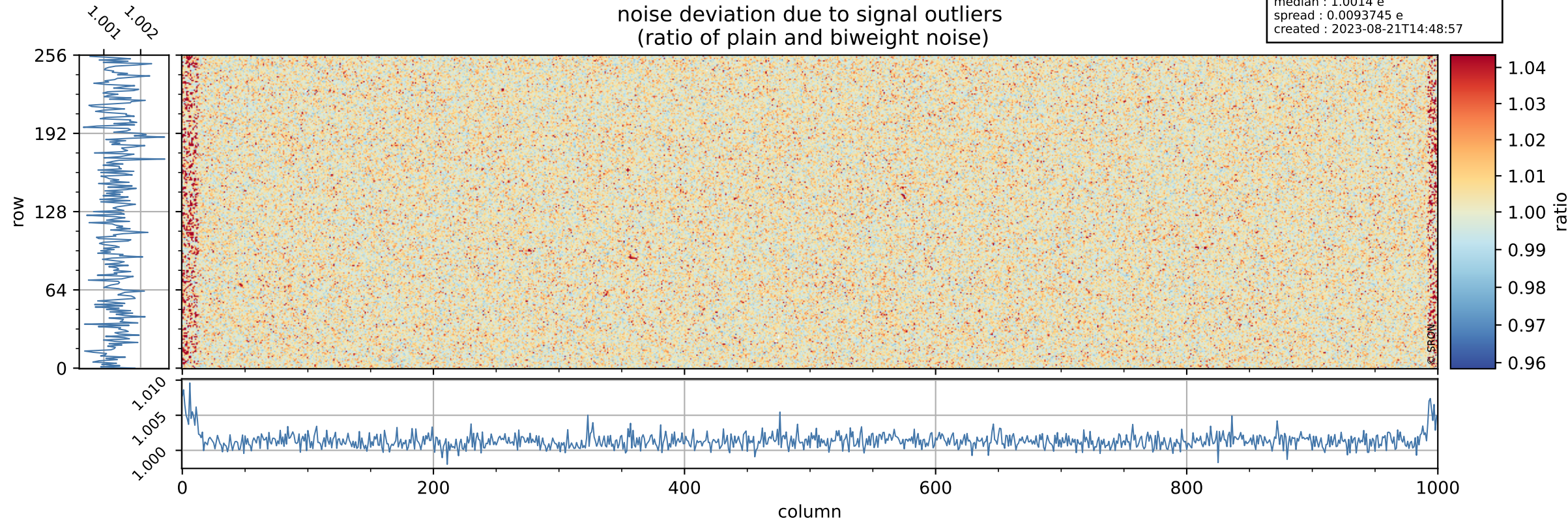
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

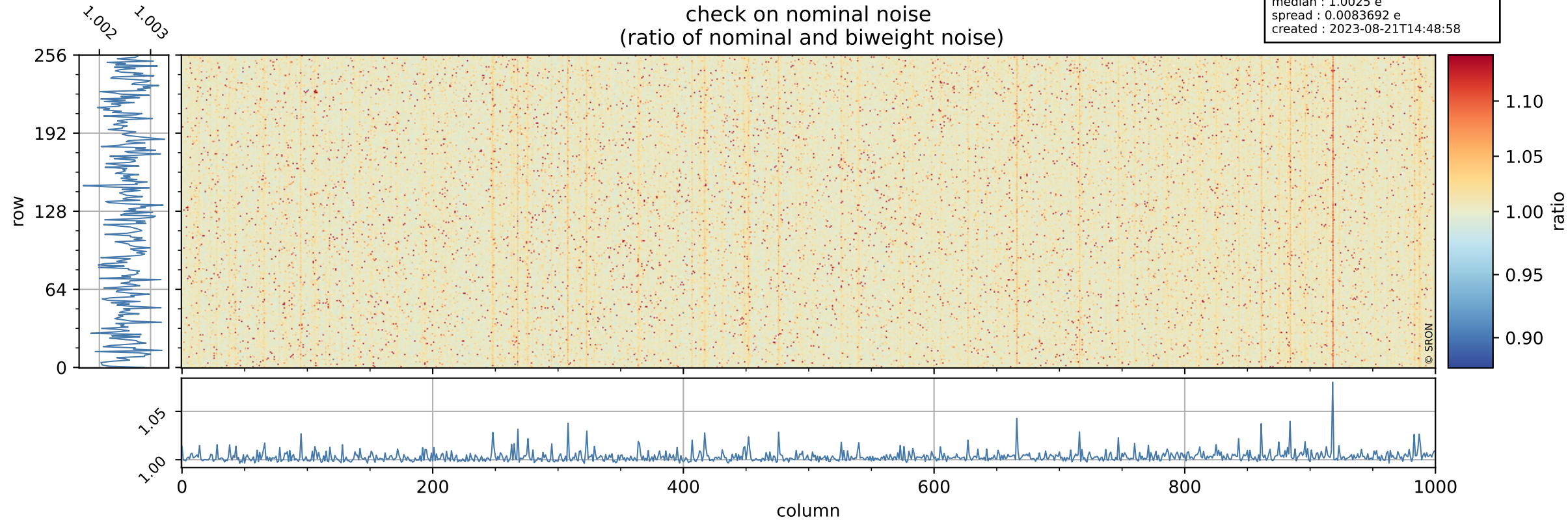
orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
median : 1.0014 e
spread : 0.0093745 e
created : 2023-08-21T14:48:57



Tropomi SWIR background noise (swir)

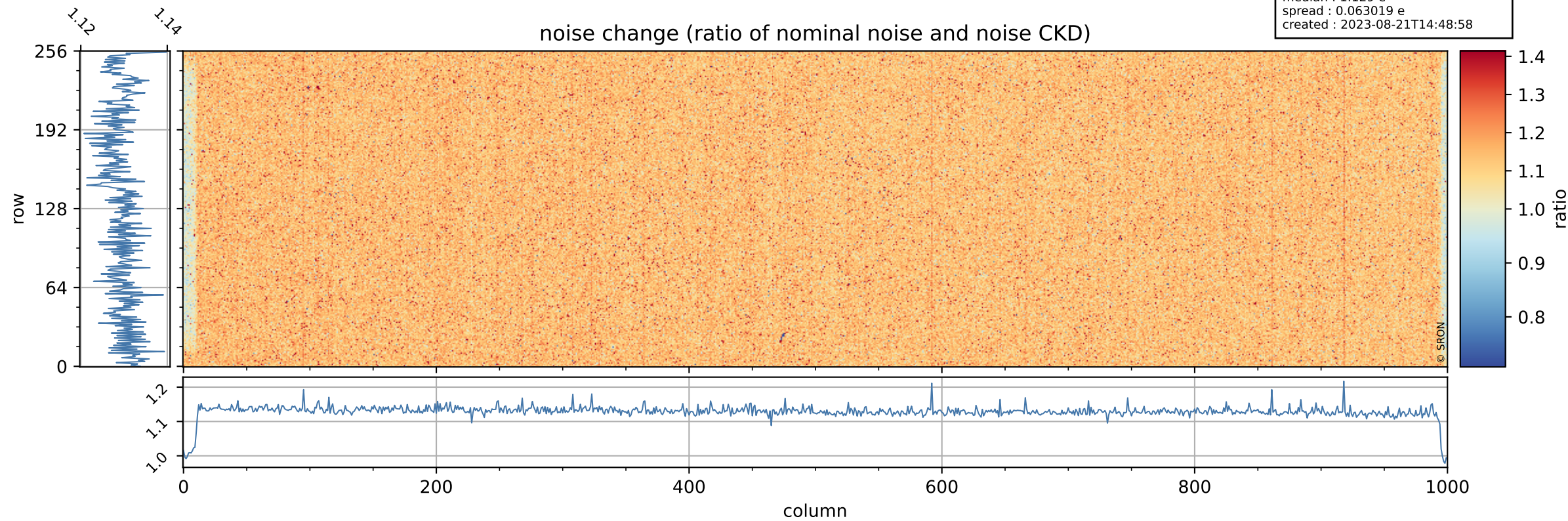
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
median : 1.0025 e
spread : 0.0083692 e
created : 2023-08-21T14:48:58



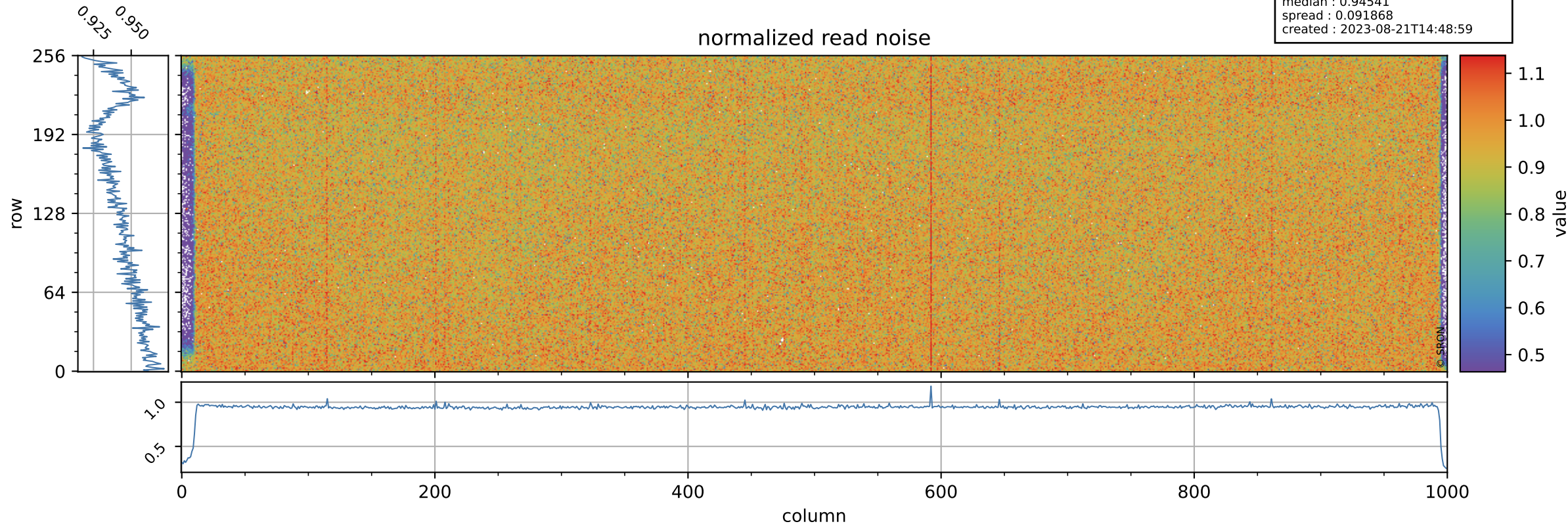
Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
median : 1.129 e
spread : 0.063019 e
created : 2023-08-21T14:48:58



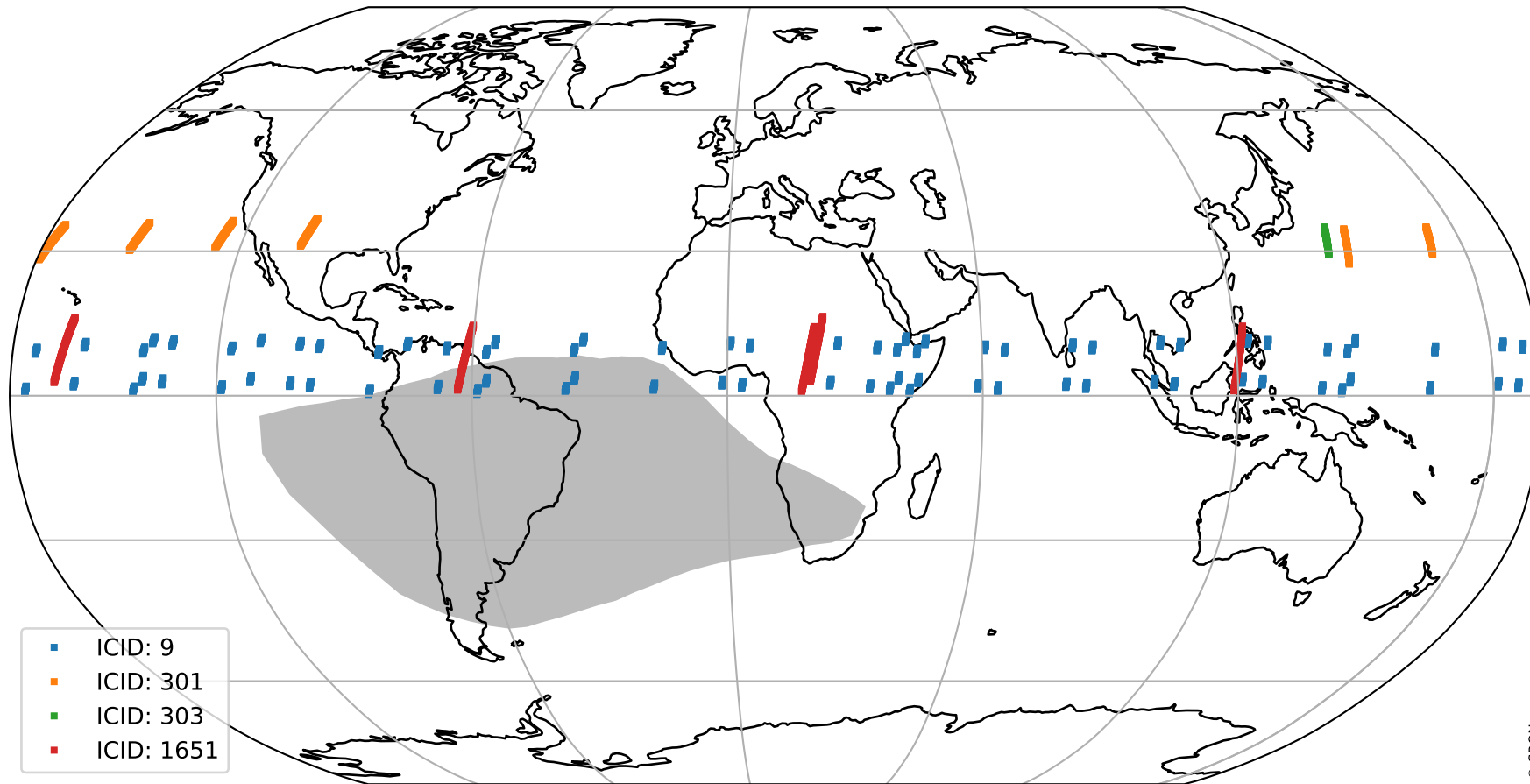
Tropomi SWIR background noise (swir)

orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
median : 0.94541
spread : 0.091868
created : 2023-08-21T14:48:59



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

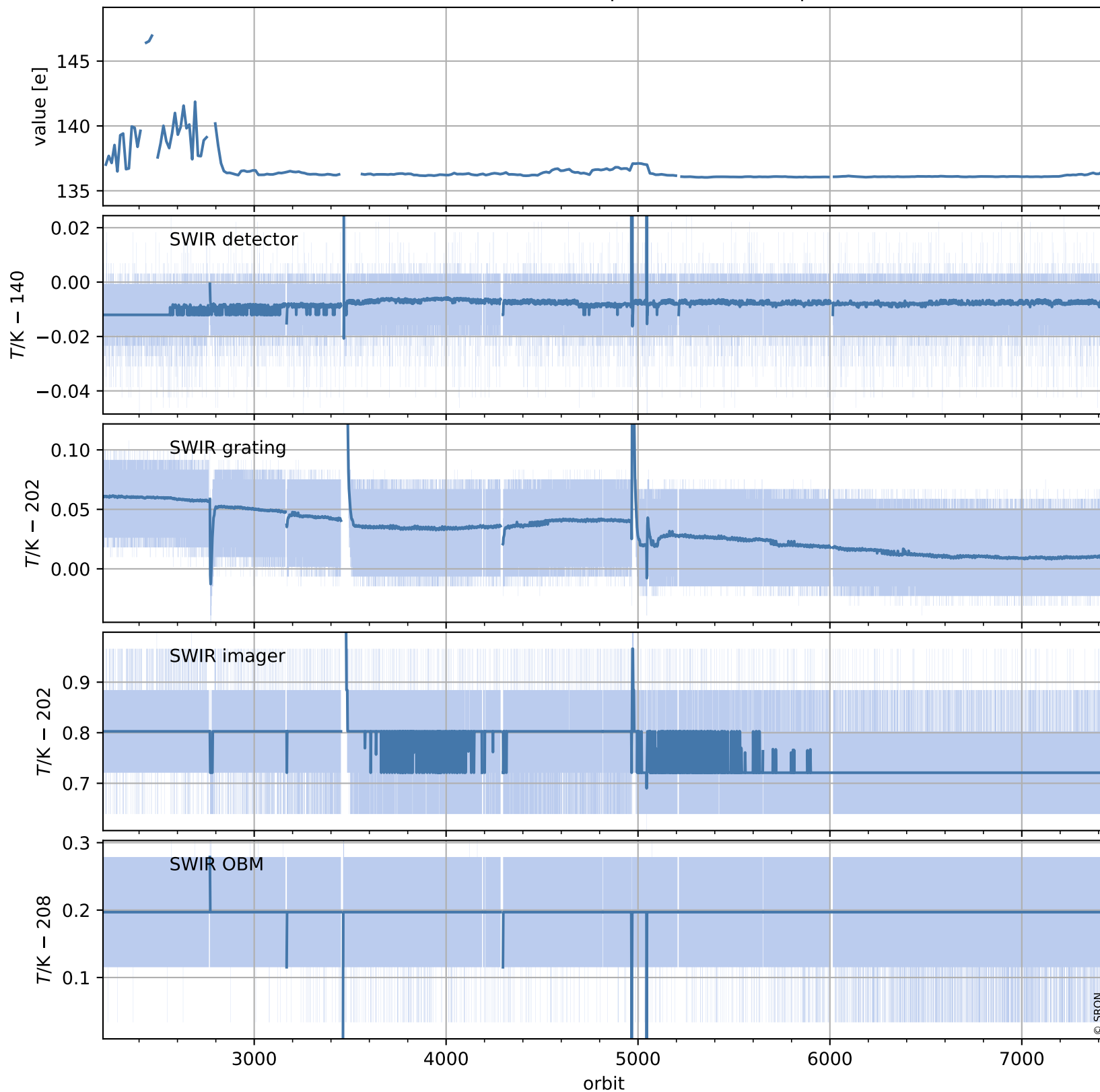
orbits : 12 in [7342, 7432]
coverage : 2019-03-15 / 2019-03-21
created : 2023-08-21T14:48:59



Tropomi SWIR background noise (swir)

orbits : [2212, 7432]
coverage : 2018-03-18 / 2019-03-21
created : 2023-08-21T14:49:00

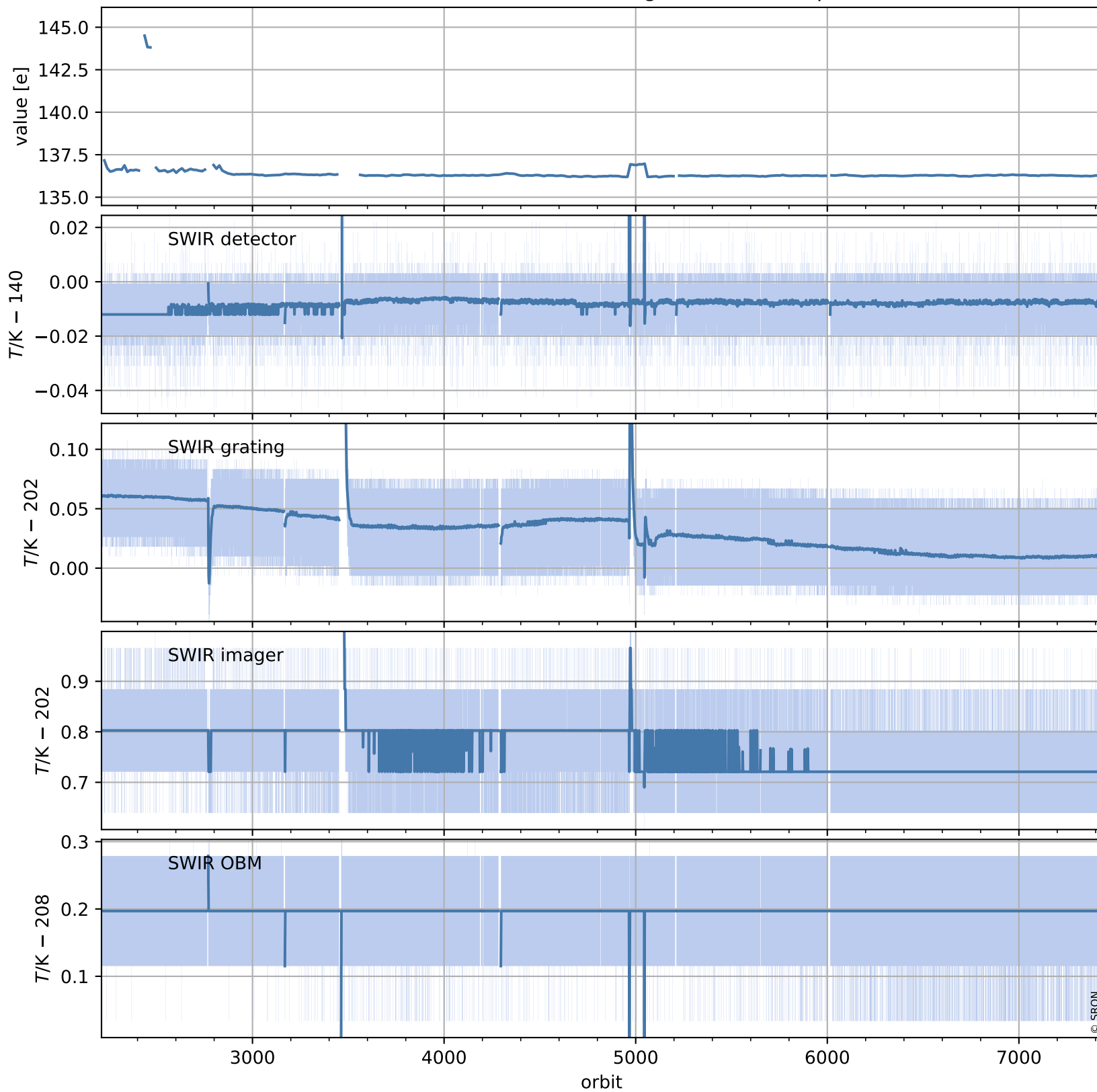
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7432]
coverage : 2018-03-18 / 2019-03-21
created : 2023-08-21T14:49:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7432]
coverage : 2018-03-18 / 2019-03-21
created : 2023-08-21T14:49:01

trend of normalized read-noise & temperatures

