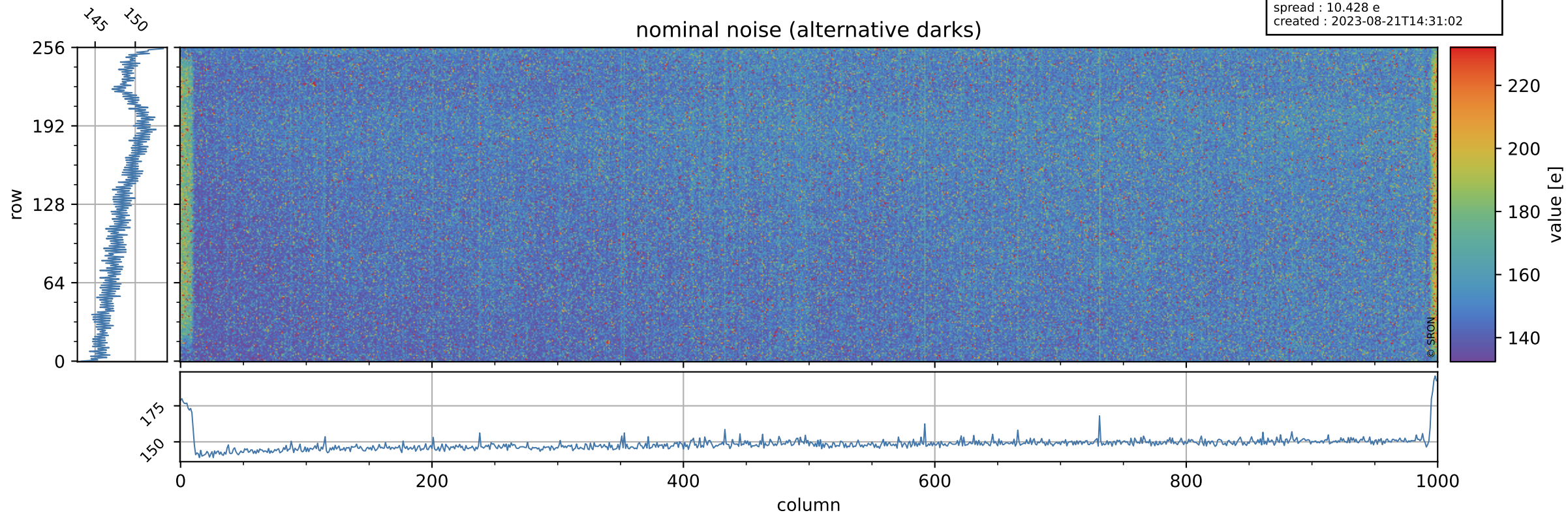


Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.428 e
created : 2023-08-21T14:31:02

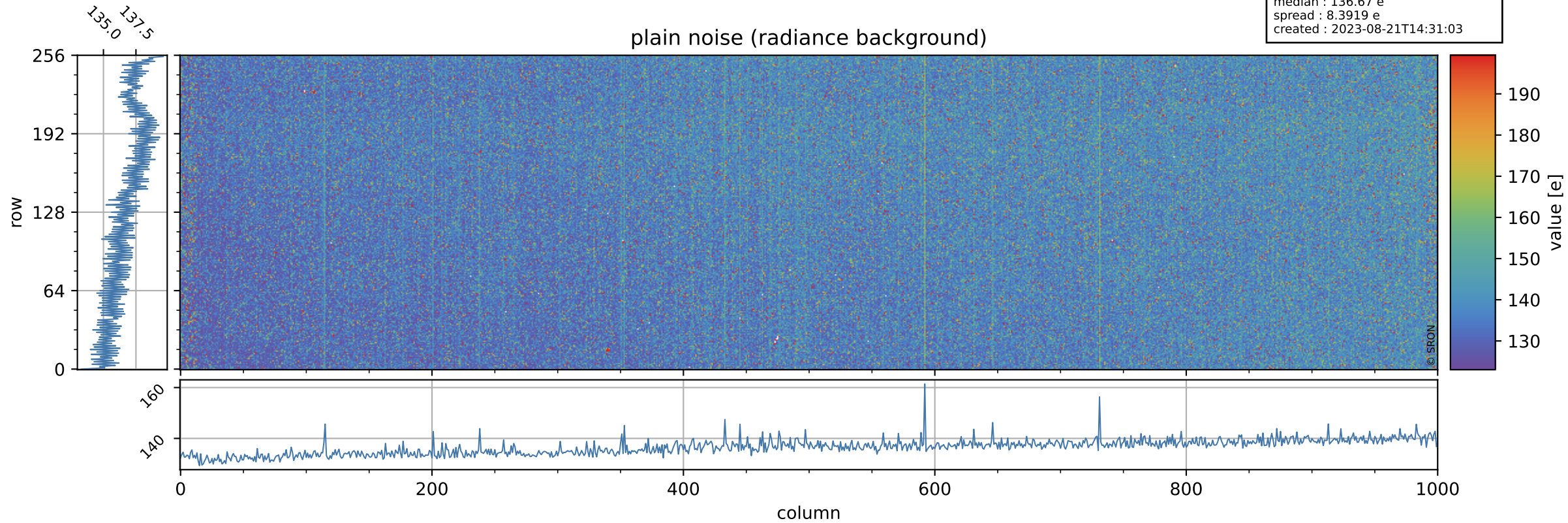
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
n_coad, t_exp : 2, 0.5383
median : 136.67 e
spread : 8.3919 e
created : 2023-08-21T14:31:03

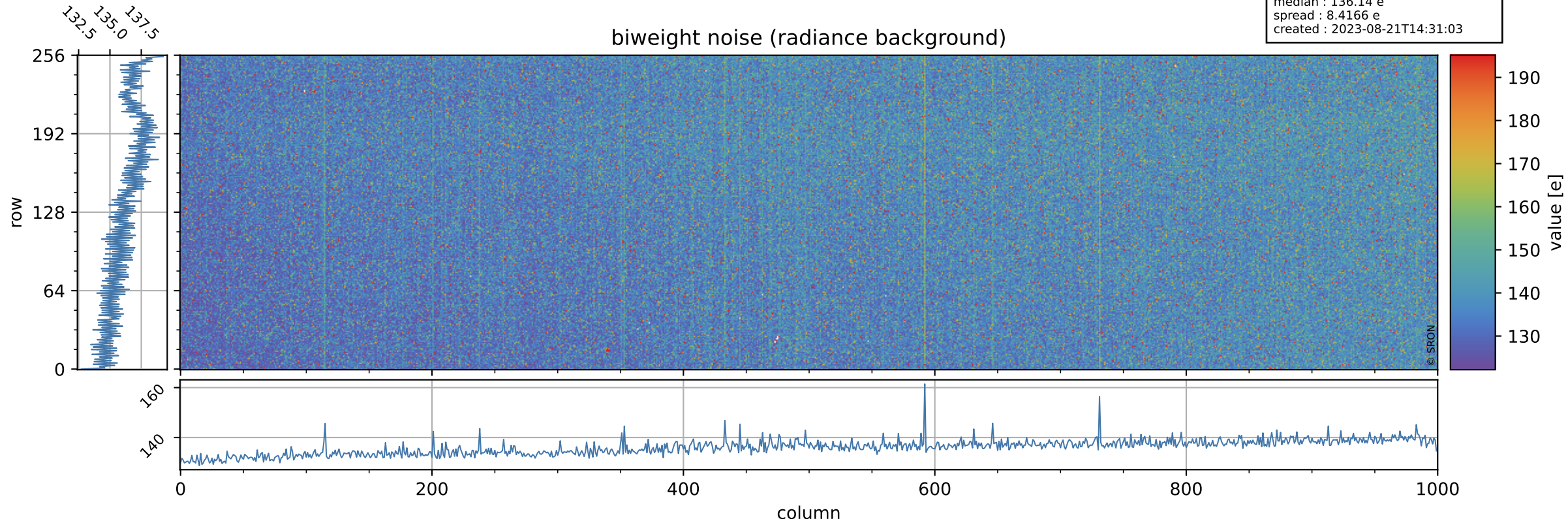
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4166 e
created : 2023-08-21T14:31:03

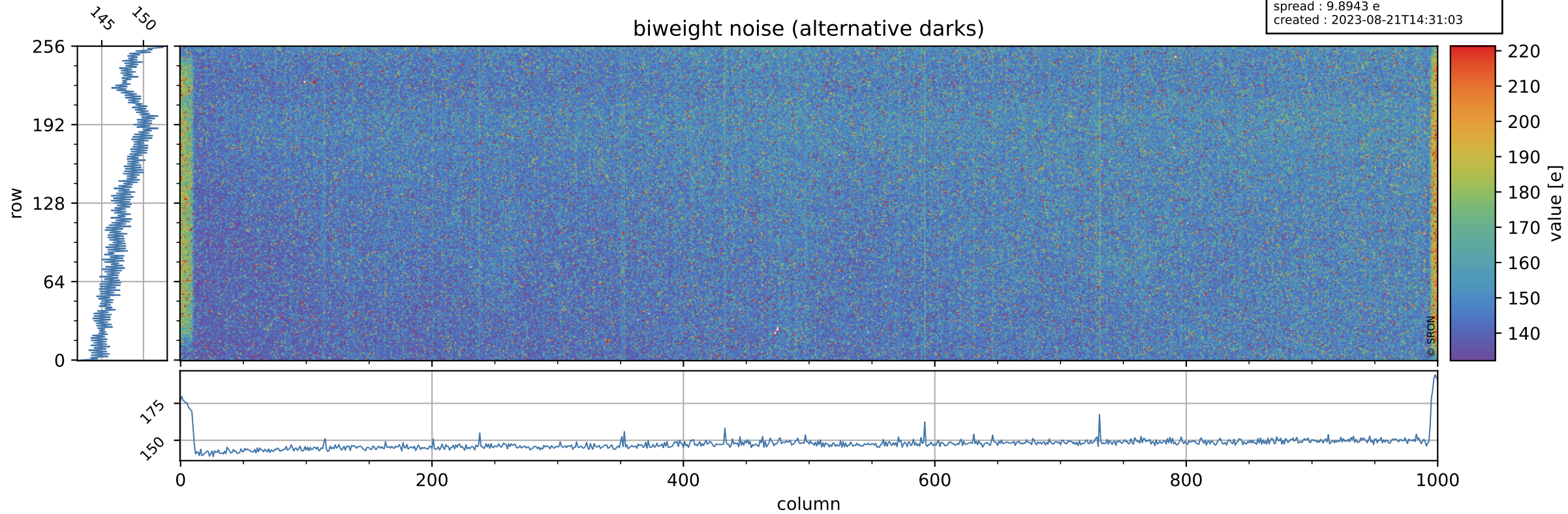
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.8943 e
created : 2023-08-21T14:31:03

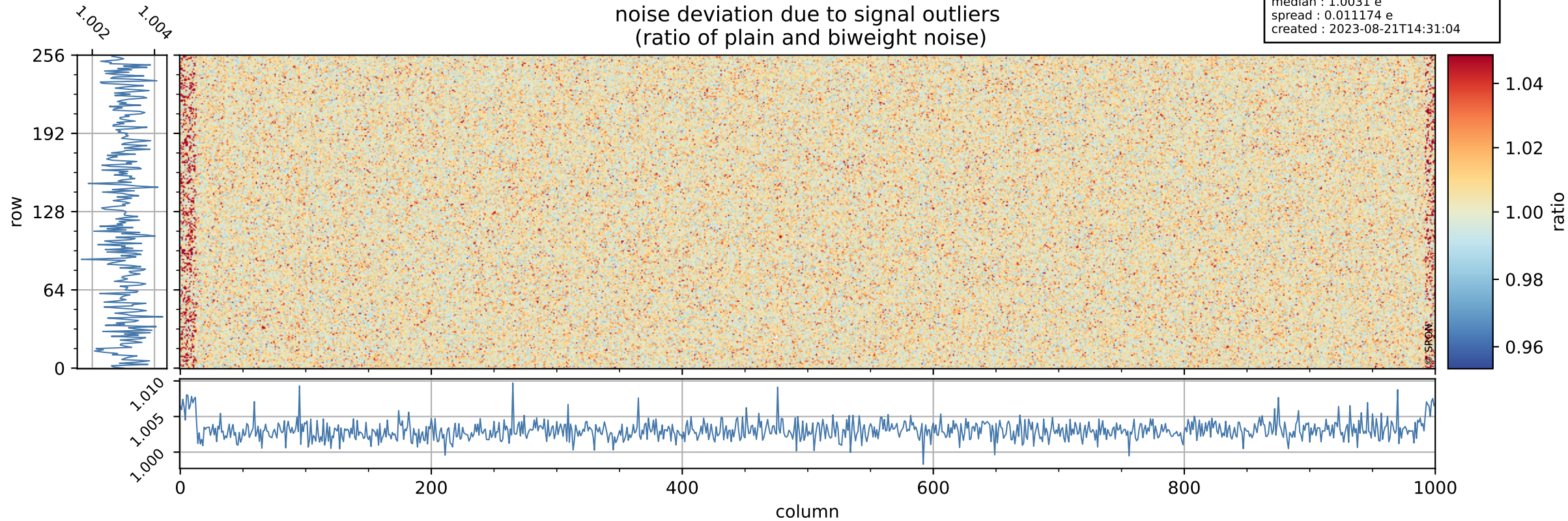
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

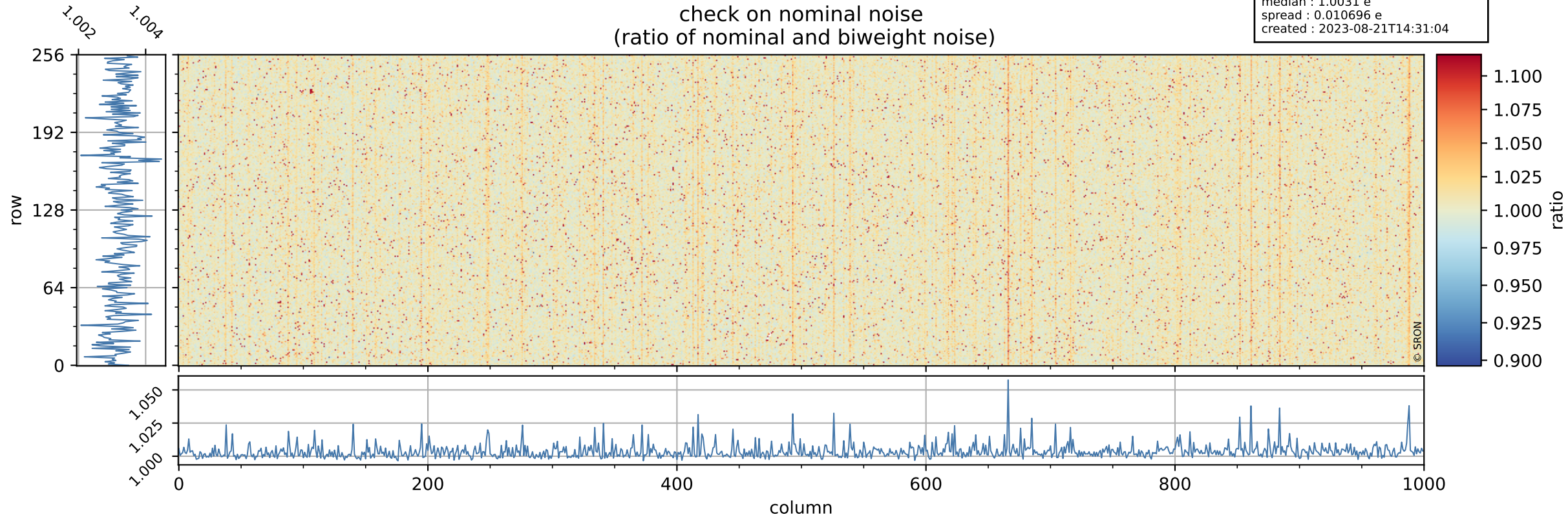
orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
median : 1.0031 e
spread : 0.011174 e
created : 2023-08-21T14:31:04



Tropomi SWIR background noise (swir)

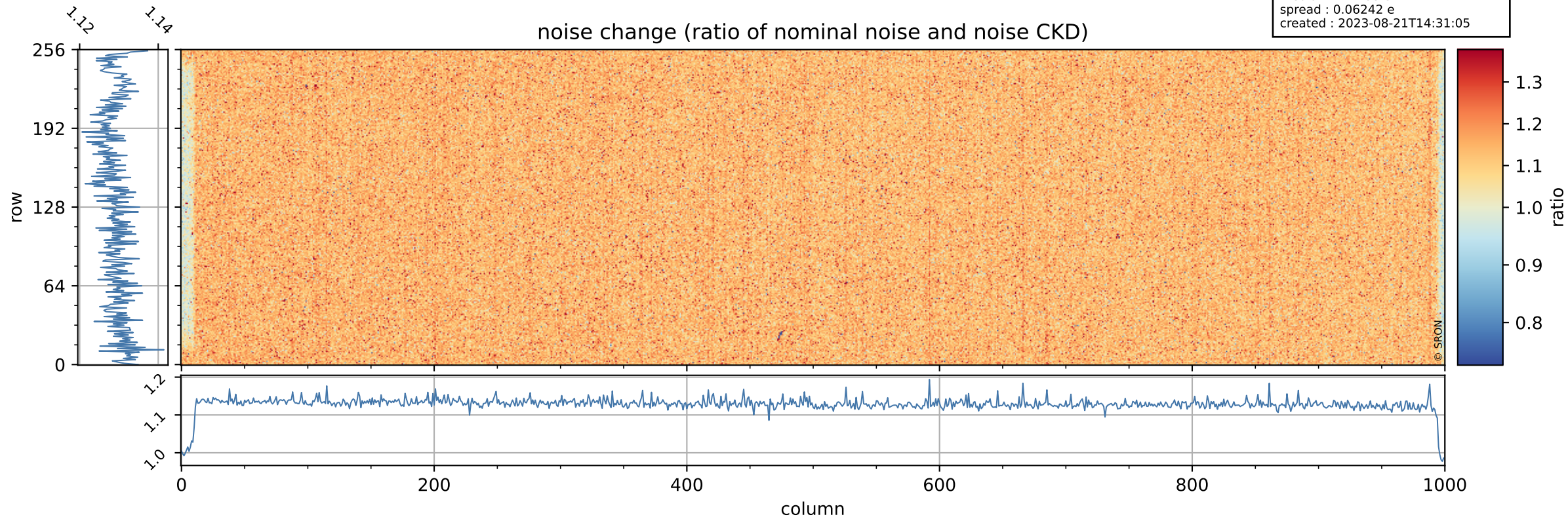
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
median : 1.0031 e
spread : 0.010696 e
created : 2023-08-21T14:31:04



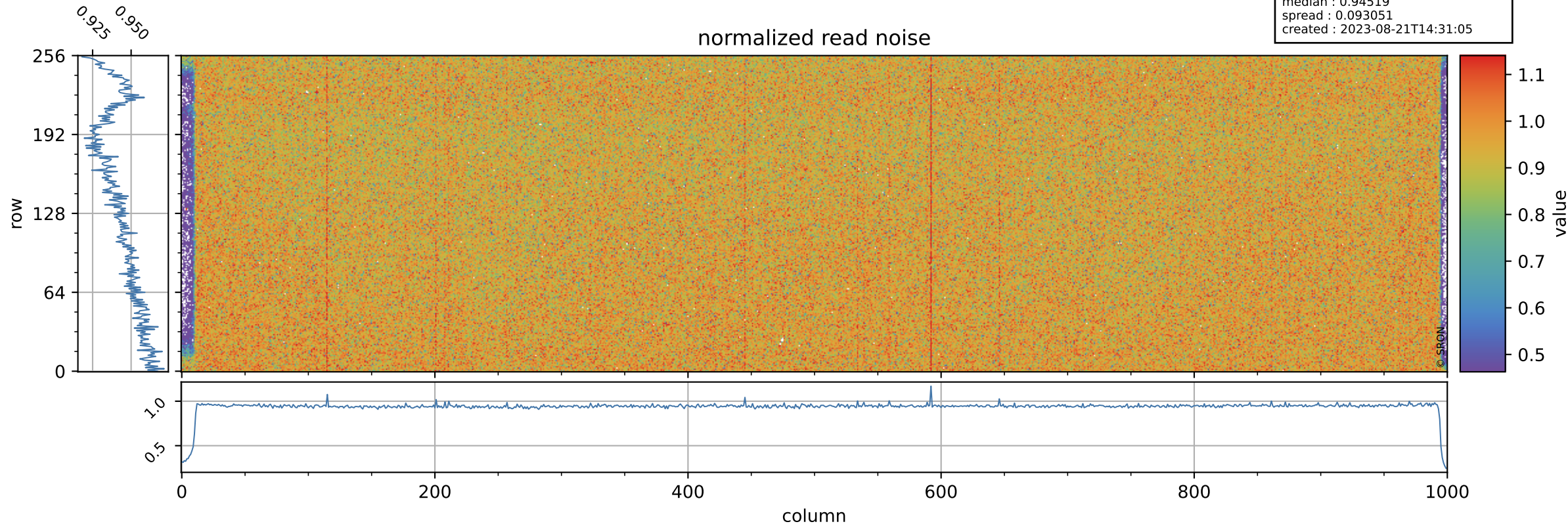
Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
median : 1.1288 e
spread : 0.06242 e
created : 2023-08-21T14:31:05



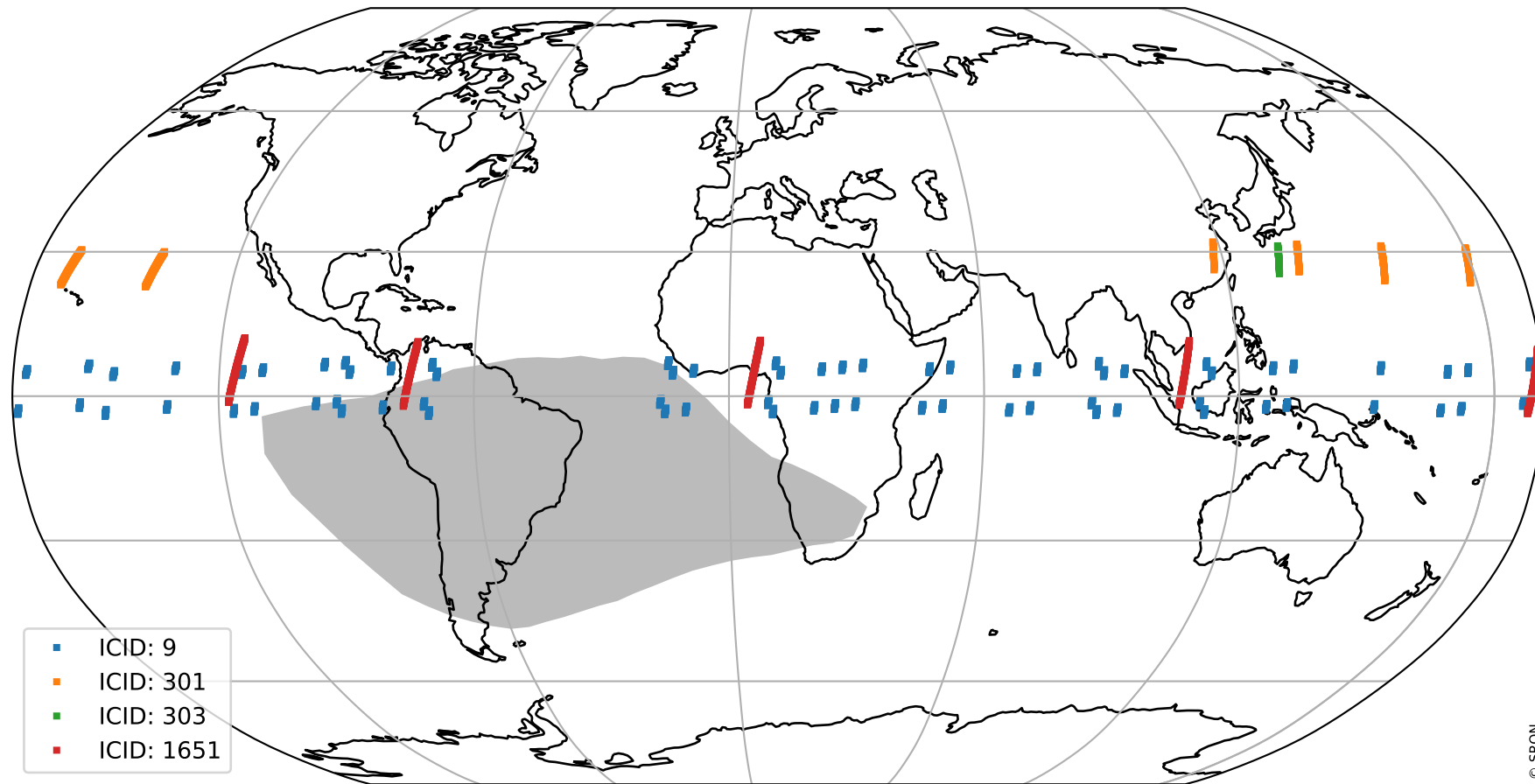
Tropomi SWIR background noise (swir)

orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
median : 0.94519
spread : 0.093051
created : 2023-08-21T14:31:05



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

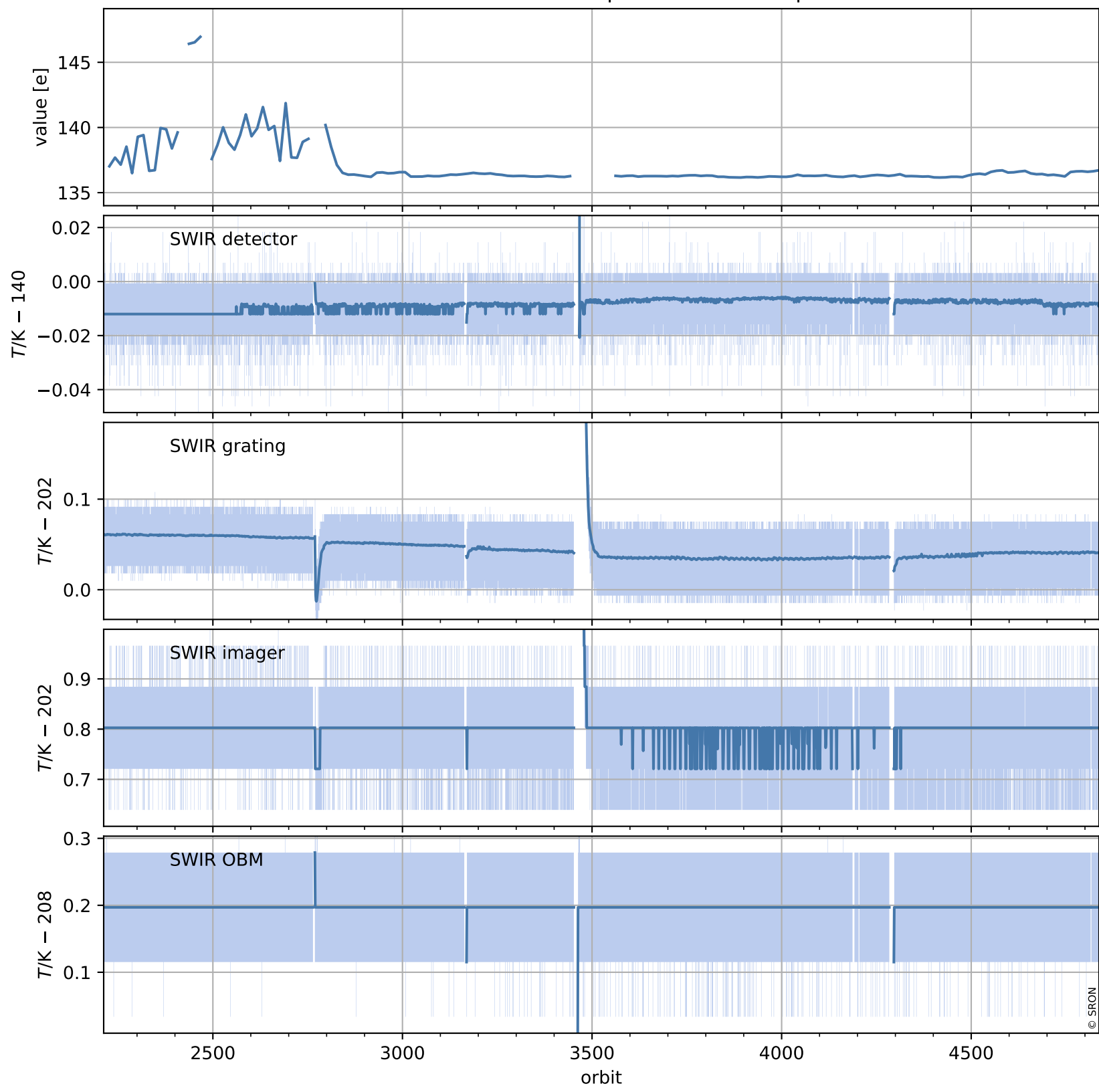
orbits : 12 in [4747, 4837]
coverage : 2018-09-13 / 2018-09-19
created : 2023-08-21T14:31:06



Tropomi SWIR background noise (swir)

orbits : [2212, 4837]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:06

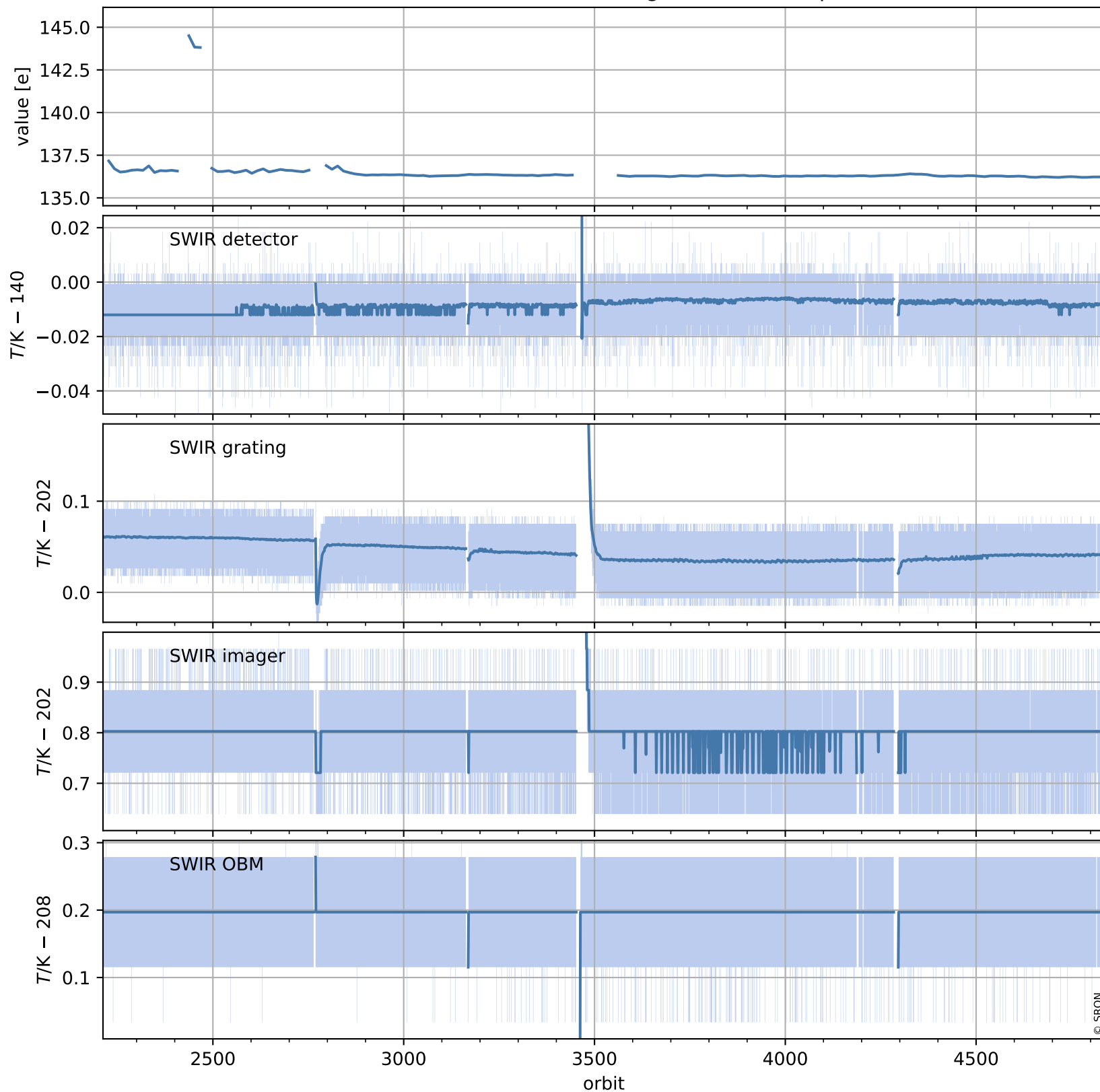
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4837]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4837]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:07

trend of normalized read-noise & temperatures

