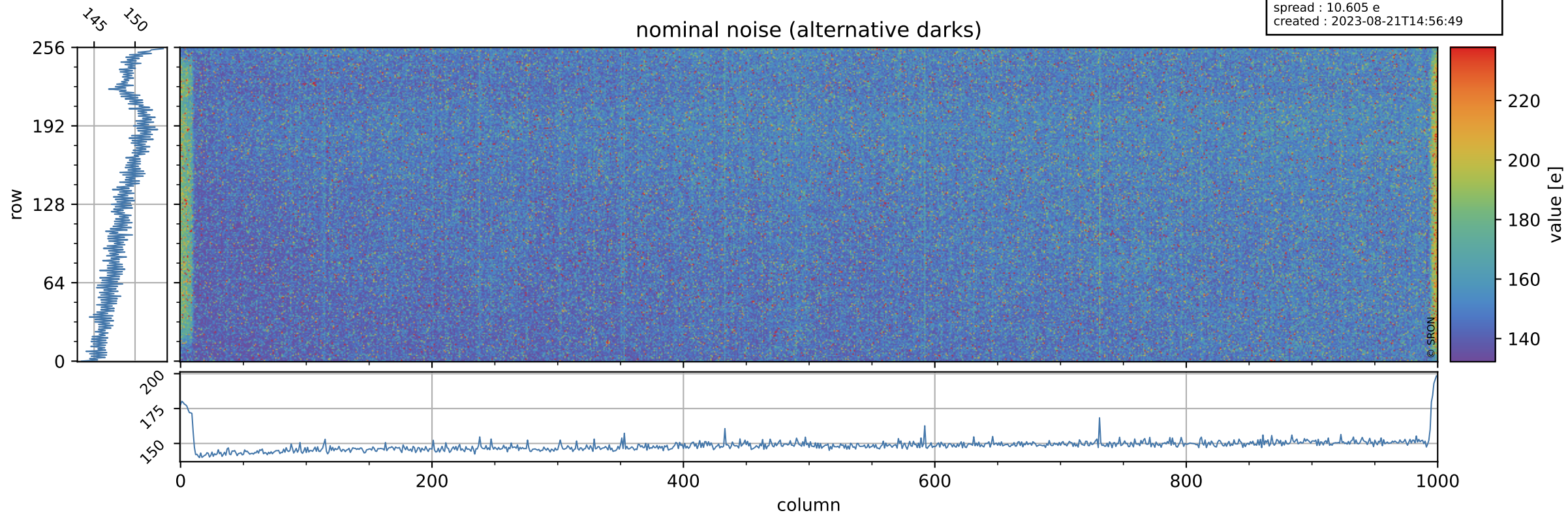


Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.605 e
created : 2023-08-21T14:56:49

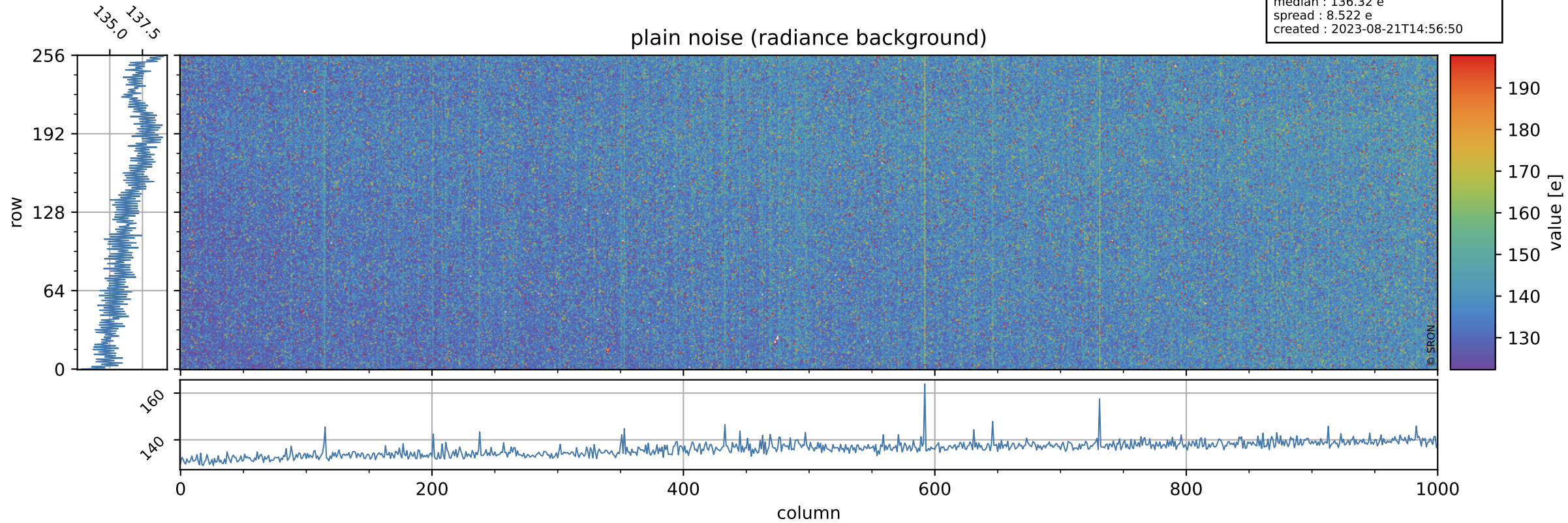
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.522 e
created : 2023-08-21T14:56:50

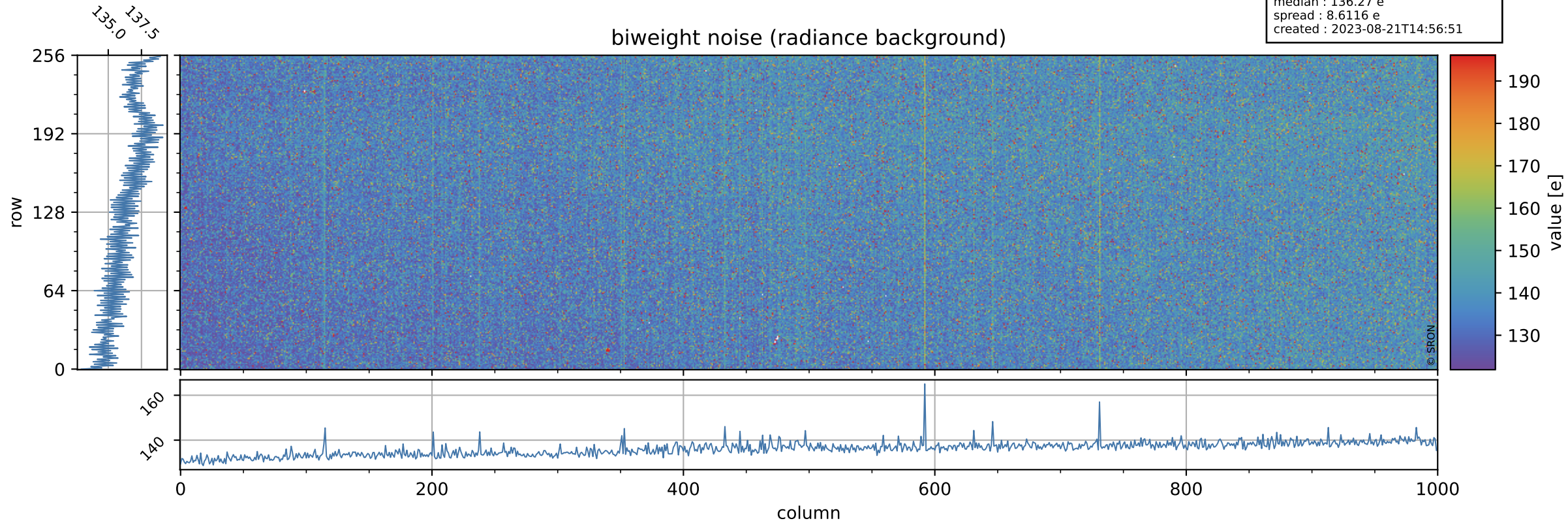
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6116 e
created : 2023-08-21T14:56:51

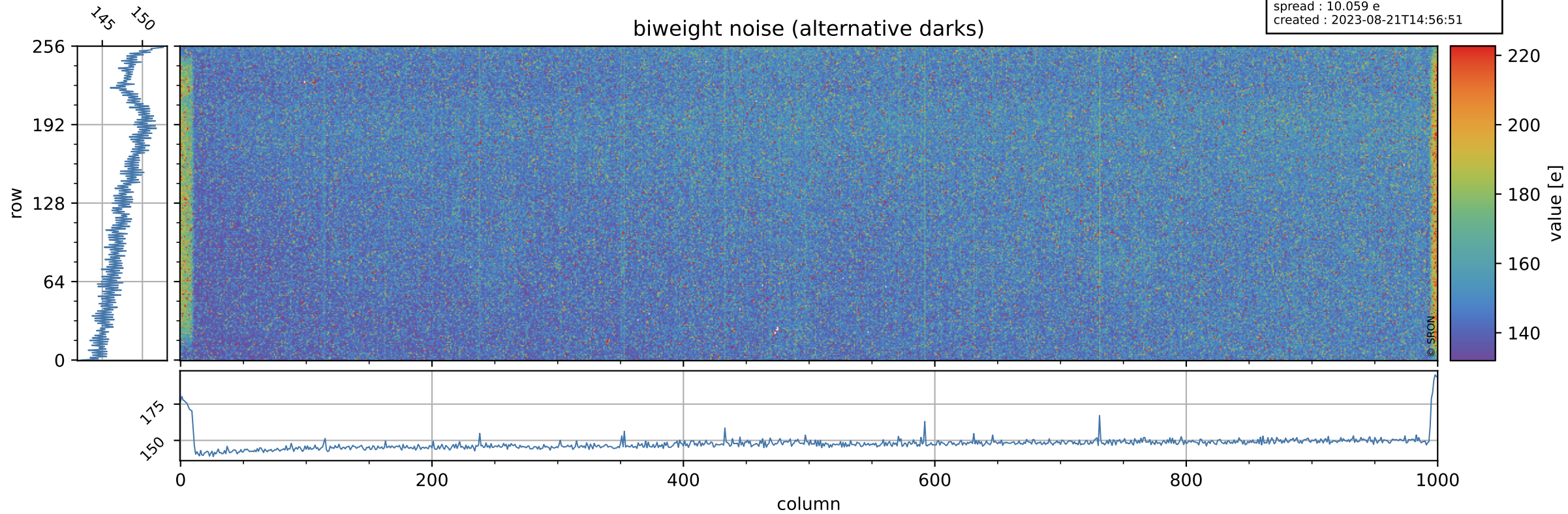
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.059 e
created : 2023-08-21T14:56:51

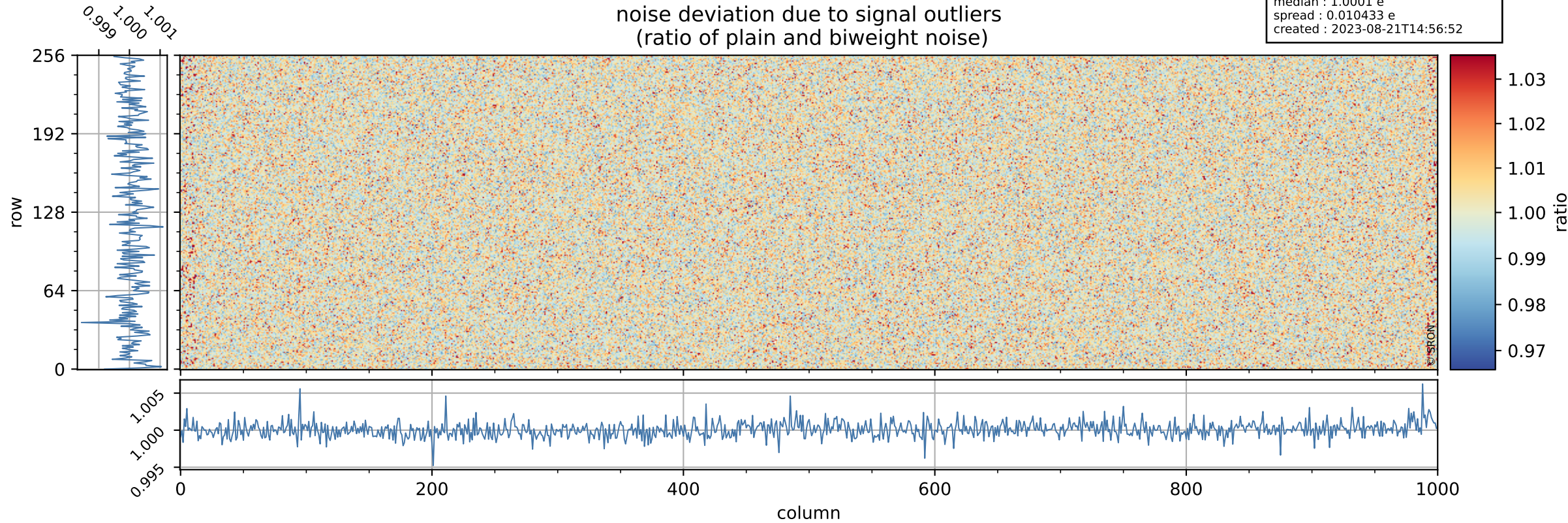
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

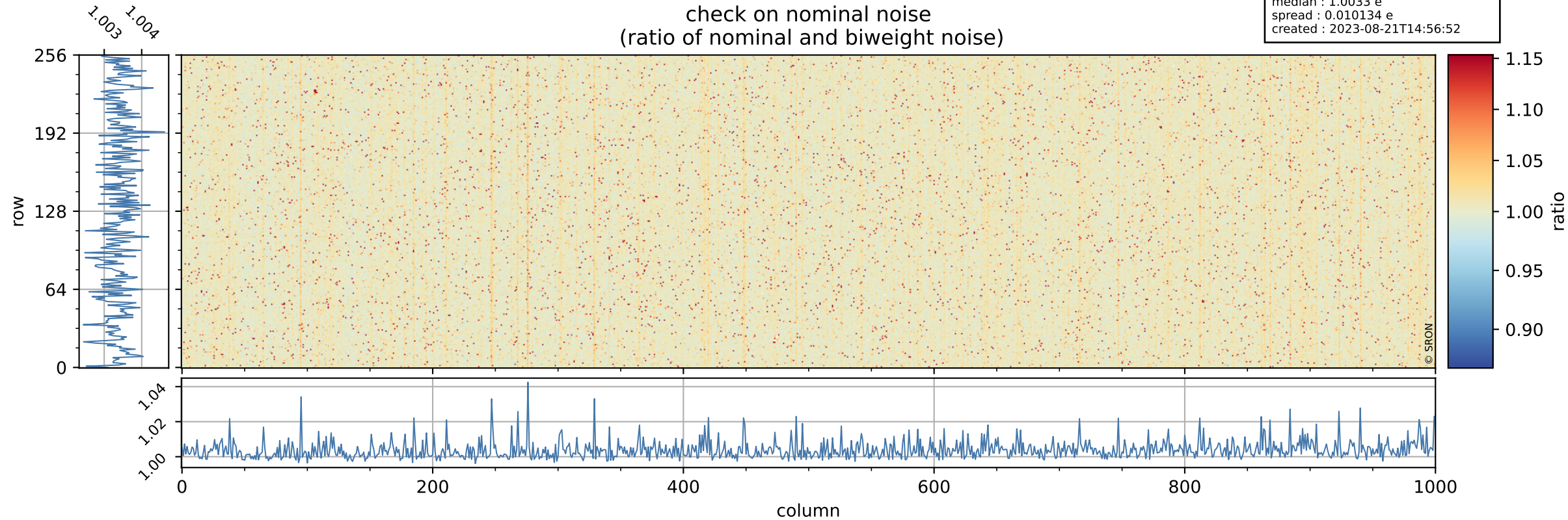
orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
median : 1.0001 e
spread : 0.010433 e
created : 2023-08-21T14:56:52



Tropomi SWIR background noise (swir)

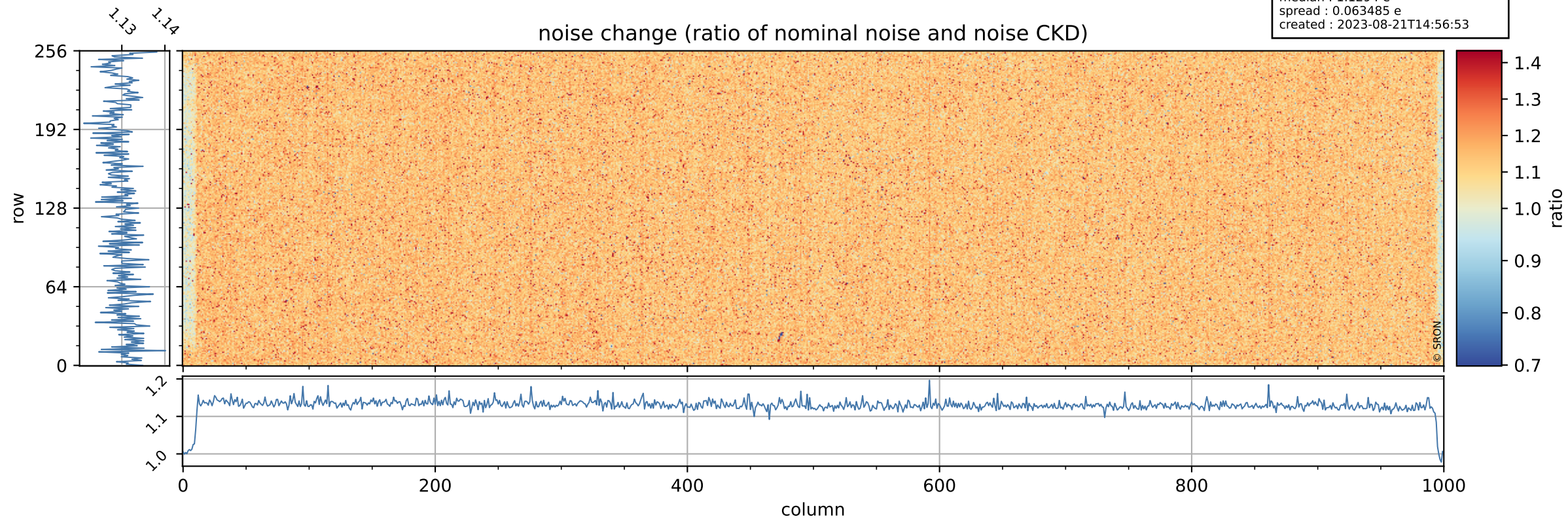
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
median : 1.0033 e
spread : 0.010134 e
created : 2023-08-21T14:56:52



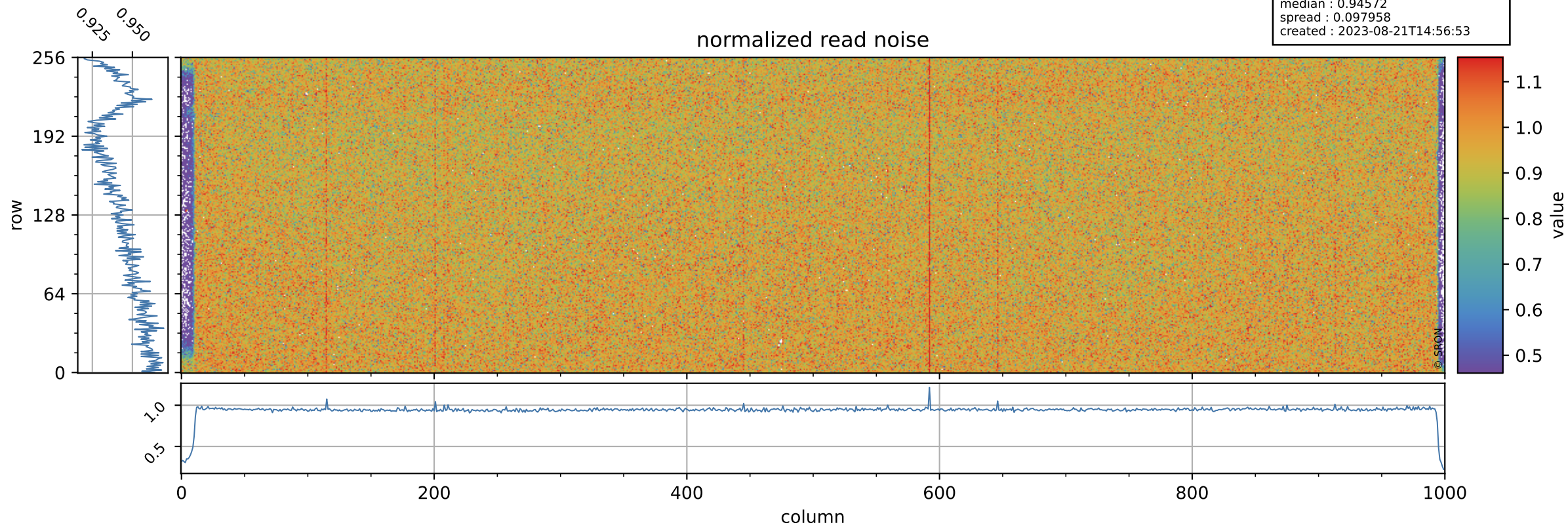
Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
median : 1.1294 e
spread : 0.063485 e
created : 2023-08-21T14:56:53



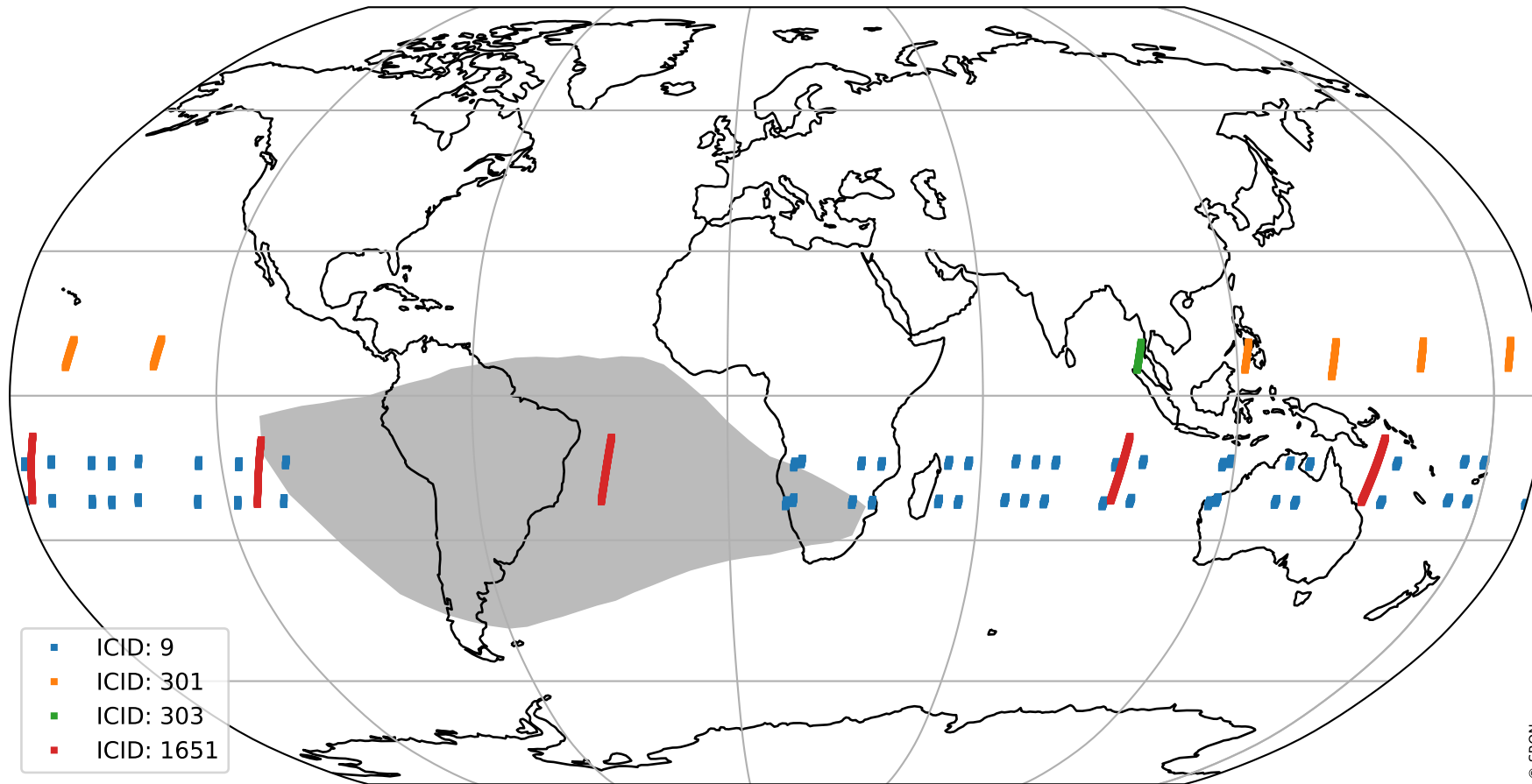
Tropomi SWIR background noise (swir)

orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
median : 0.94572
spread : 0.097958
created : 2023-08-21T14:56:53



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

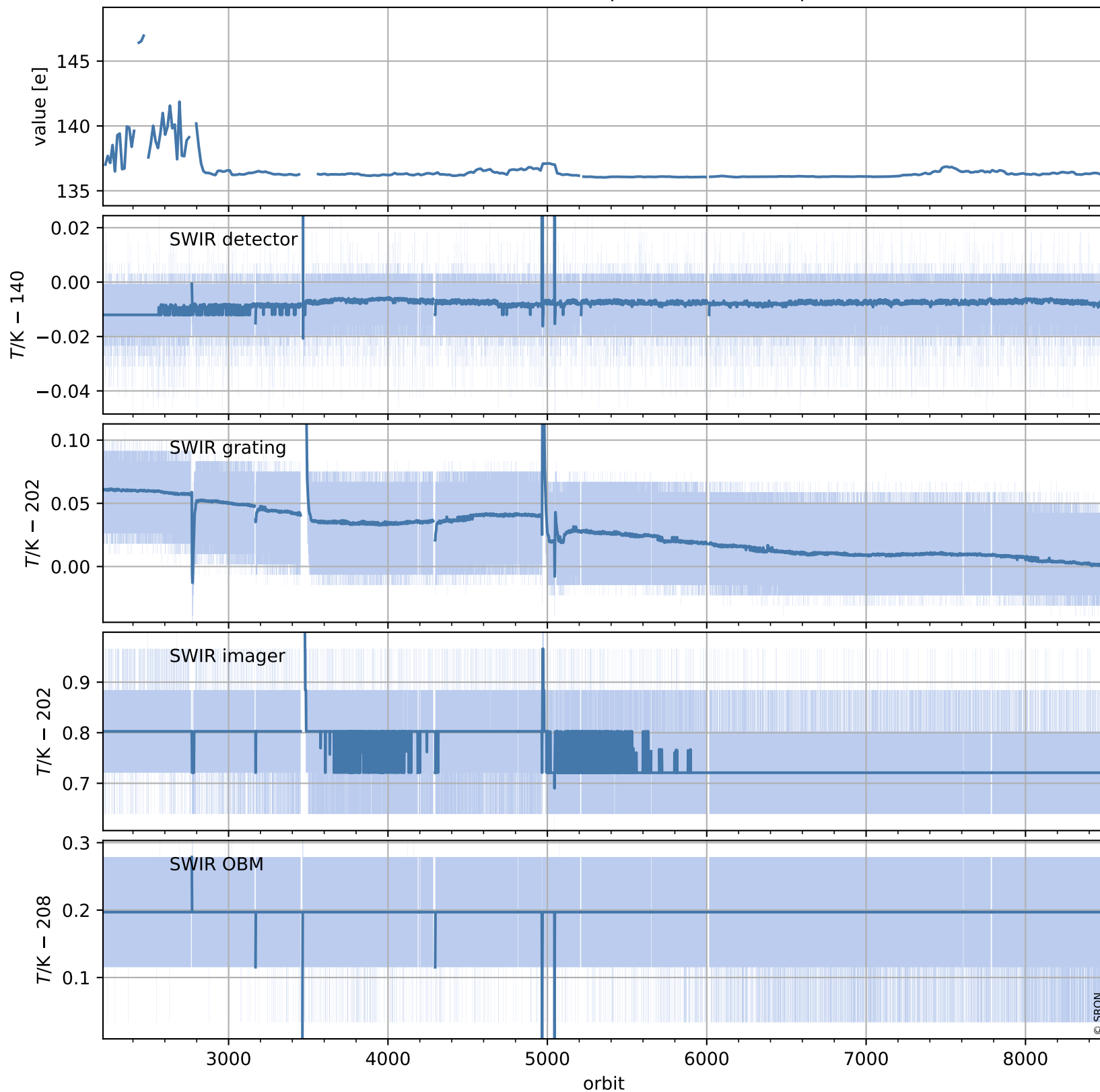
orbits : 12 in [8407, 8497]
coverage : 2019-05-29 / 2019-06-04
created : 2023-08-21T14:56:54



Tropomi SWIR background noise (swir)

orbits : [2212, 8497]
coverage : 2018-03-18 / 2019-06-04
created : 2023-08-21T14:56:54

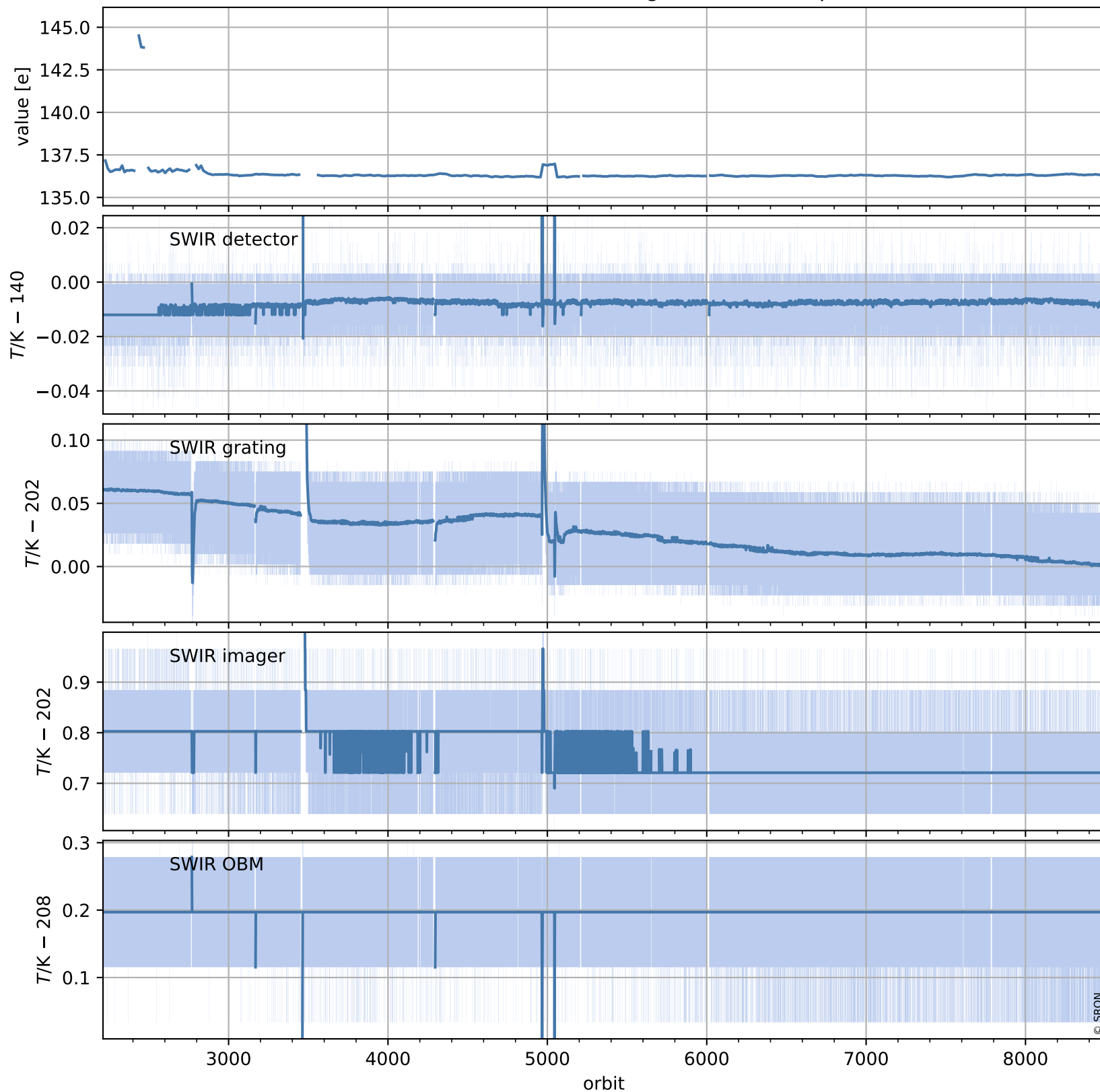
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8497]
coverage : 2018-03-18 / 2019-06-04
created : 2023-08-21T14:56:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8497]
coverage : 2018-03-18 / 2019-06-04
created : 2023-08-21T14:56:55

trend of normalized read-noise & temperatures

