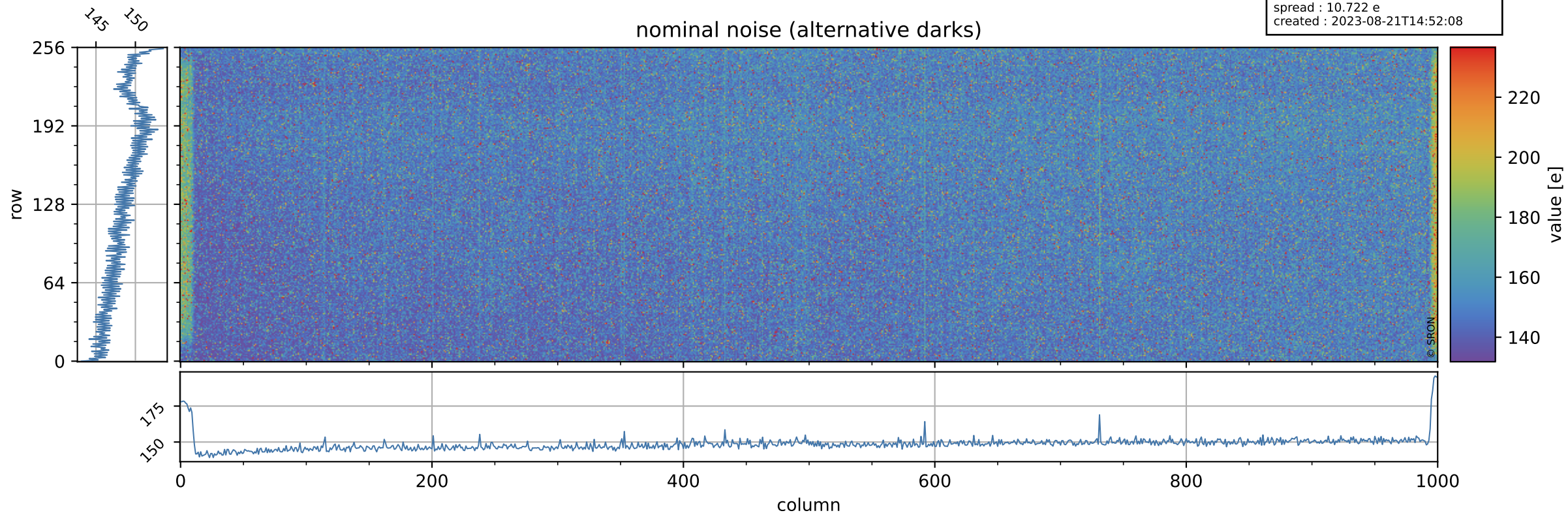


Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.722 e
created : 2023-08-21T14:52:08

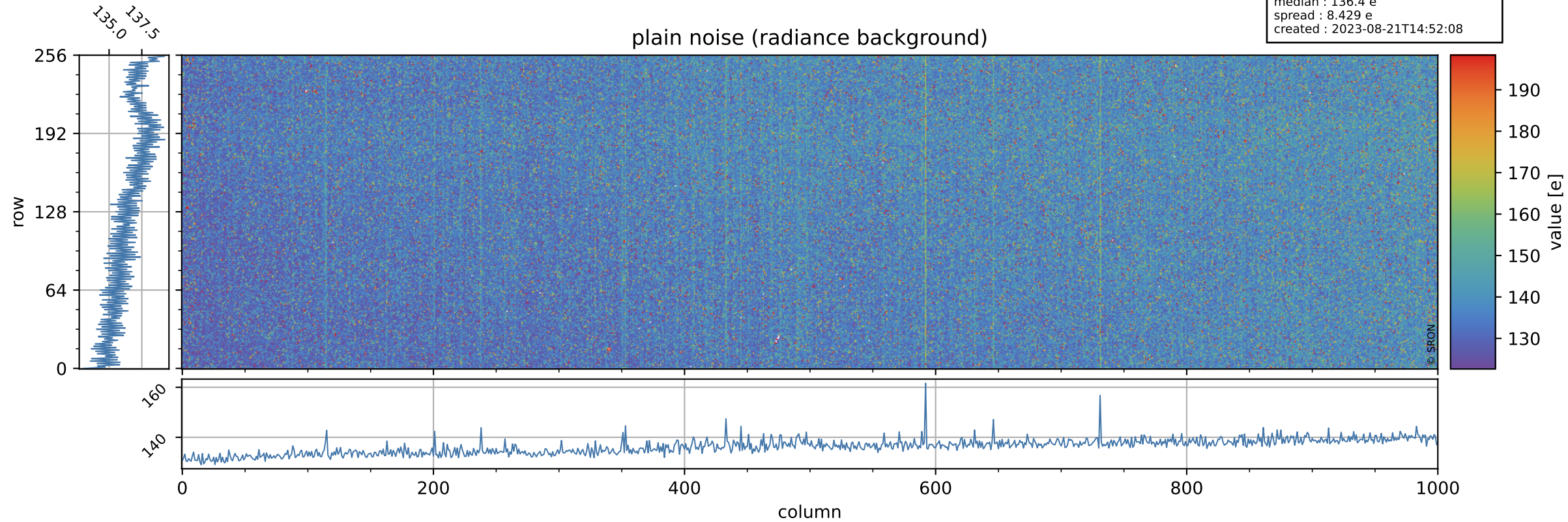
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
n_coad, t_exp : 2, 0.5383
median : 136.4 e
spread : 8.429 e
created : 2023-08-21T14:52:08

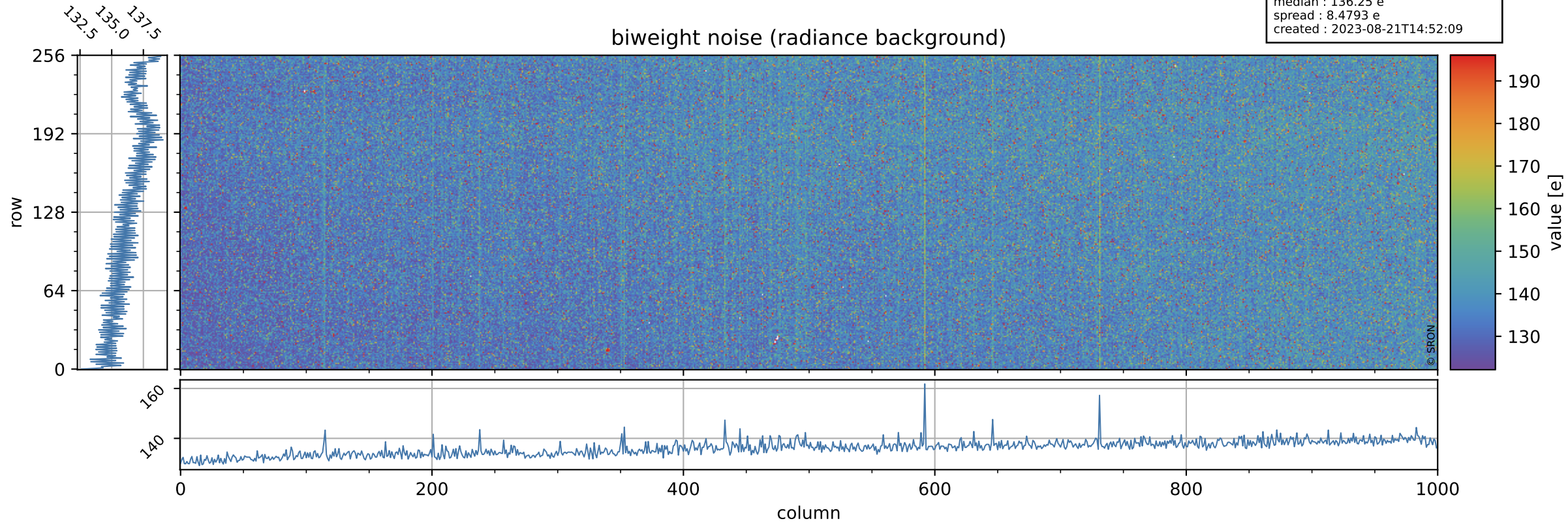
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.4793 e
created : 2023-08-21T14:52:09

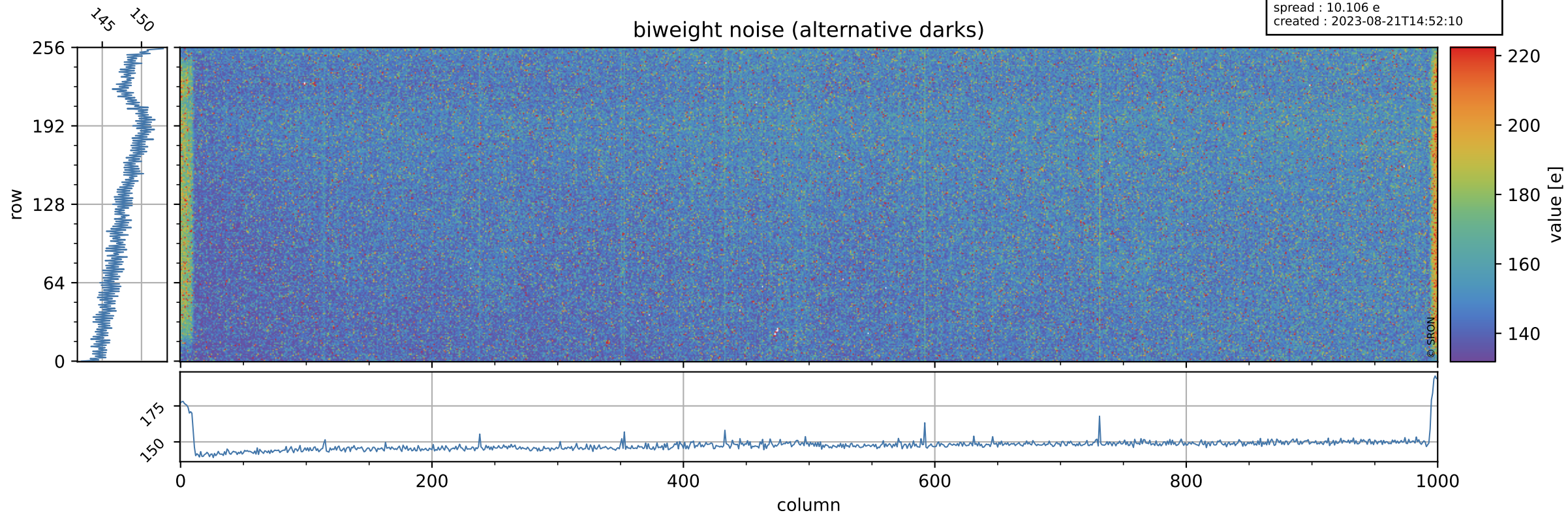
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.106 e
created : 2023-08-21T14:52:10

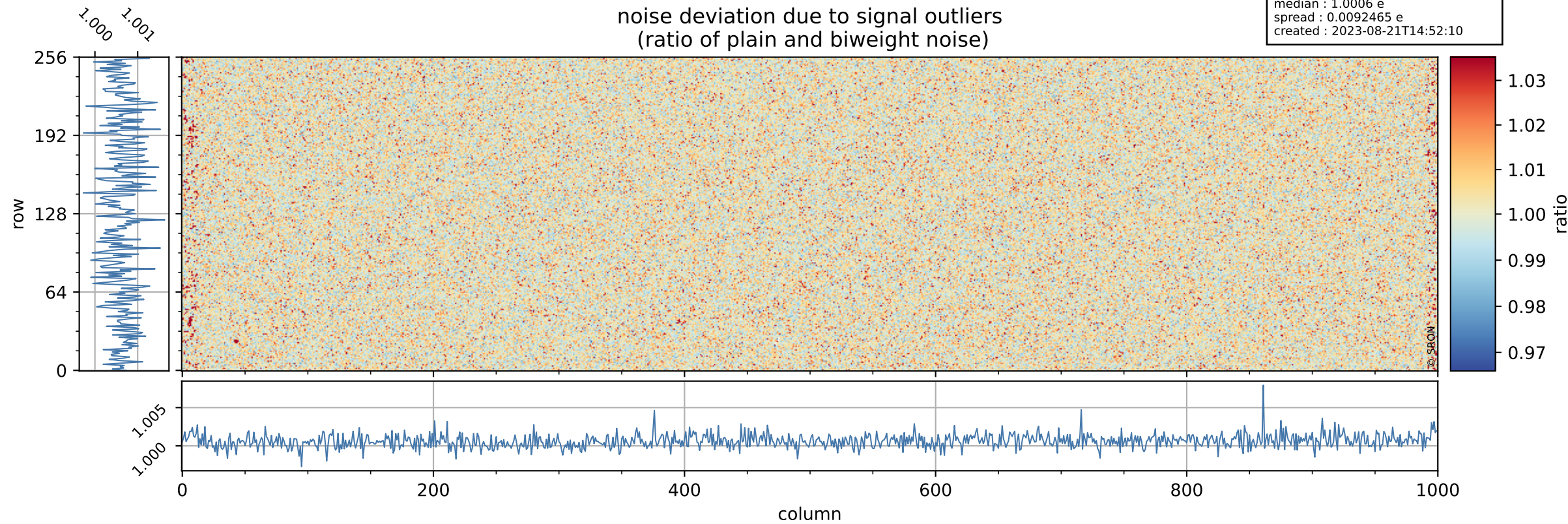
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

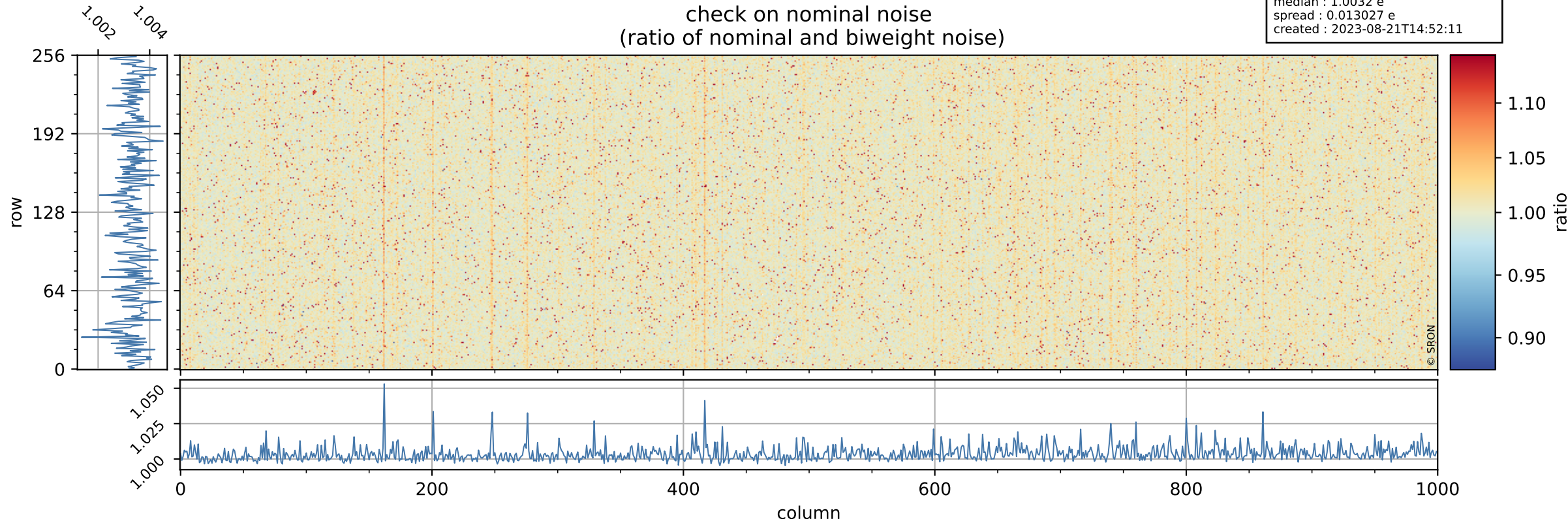
orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
median : 1.0006 e
spread : 0.0092465 e
created : 2023-08-21T14:52:10



Tropomi SWIR background noise (swir)

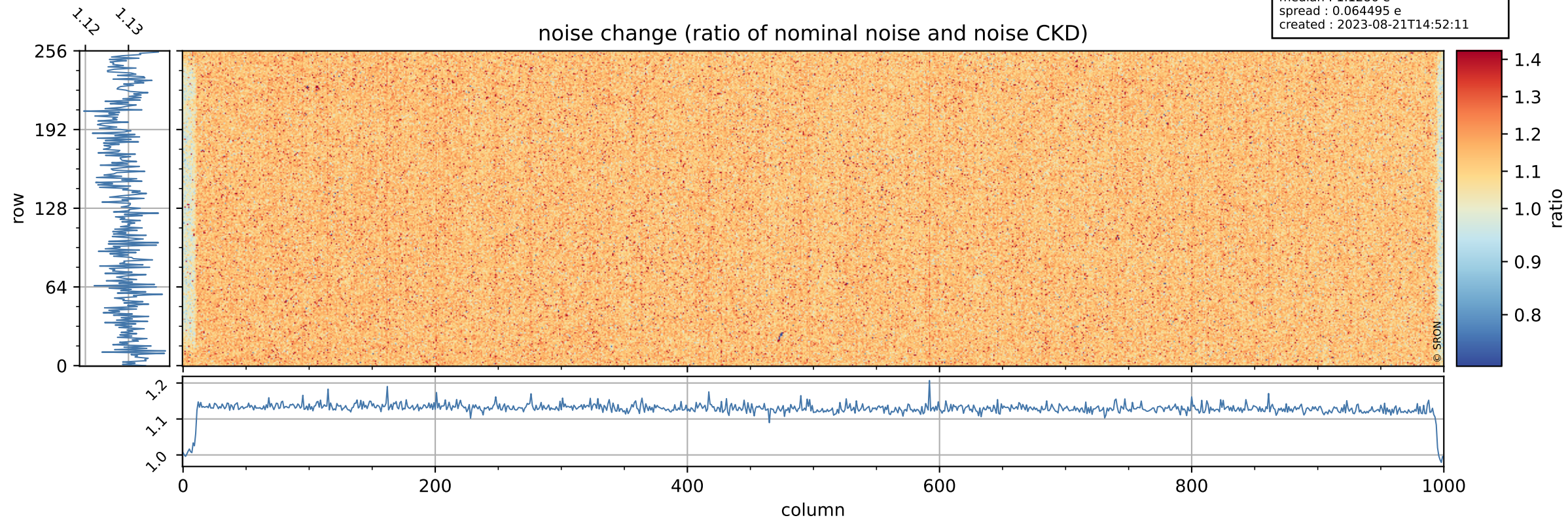
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
median : 1.0032 e
spread : 0.013027 e
created : 2023-08-21T14:52:11



Tropomi SWIR background noise (swir)

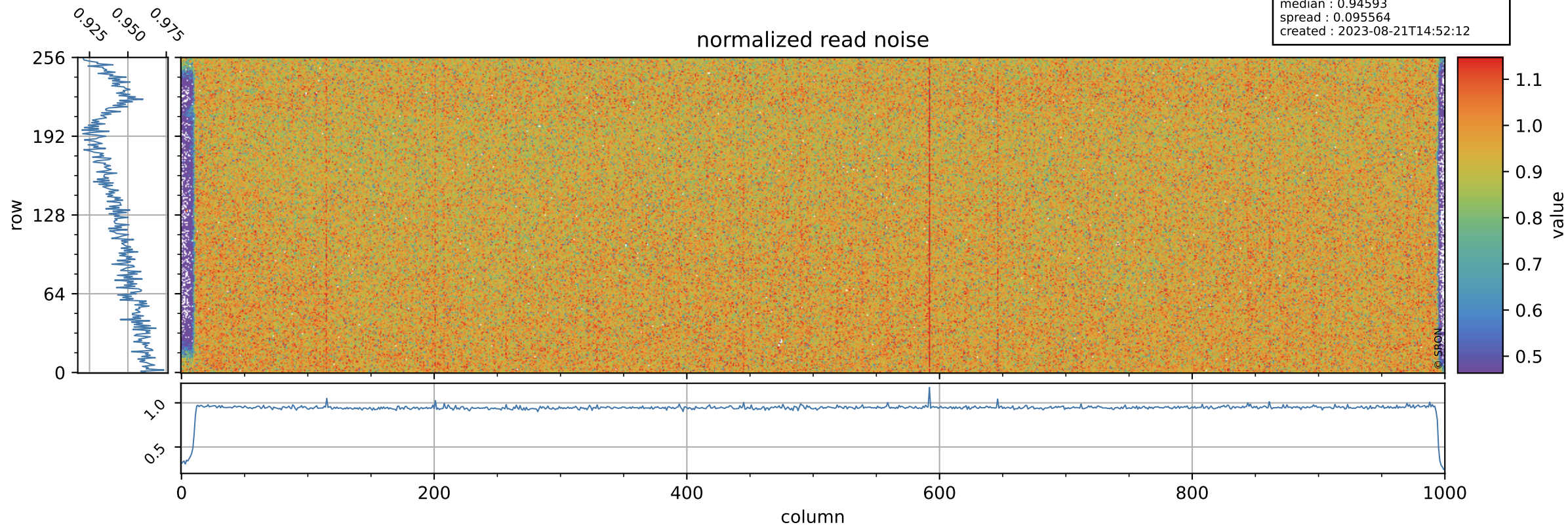
orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
median : 1.1286 e
spread : 0.064495 e
created : 2023-08-21T14:52:11



Tropomi SWIR background noise (swir)

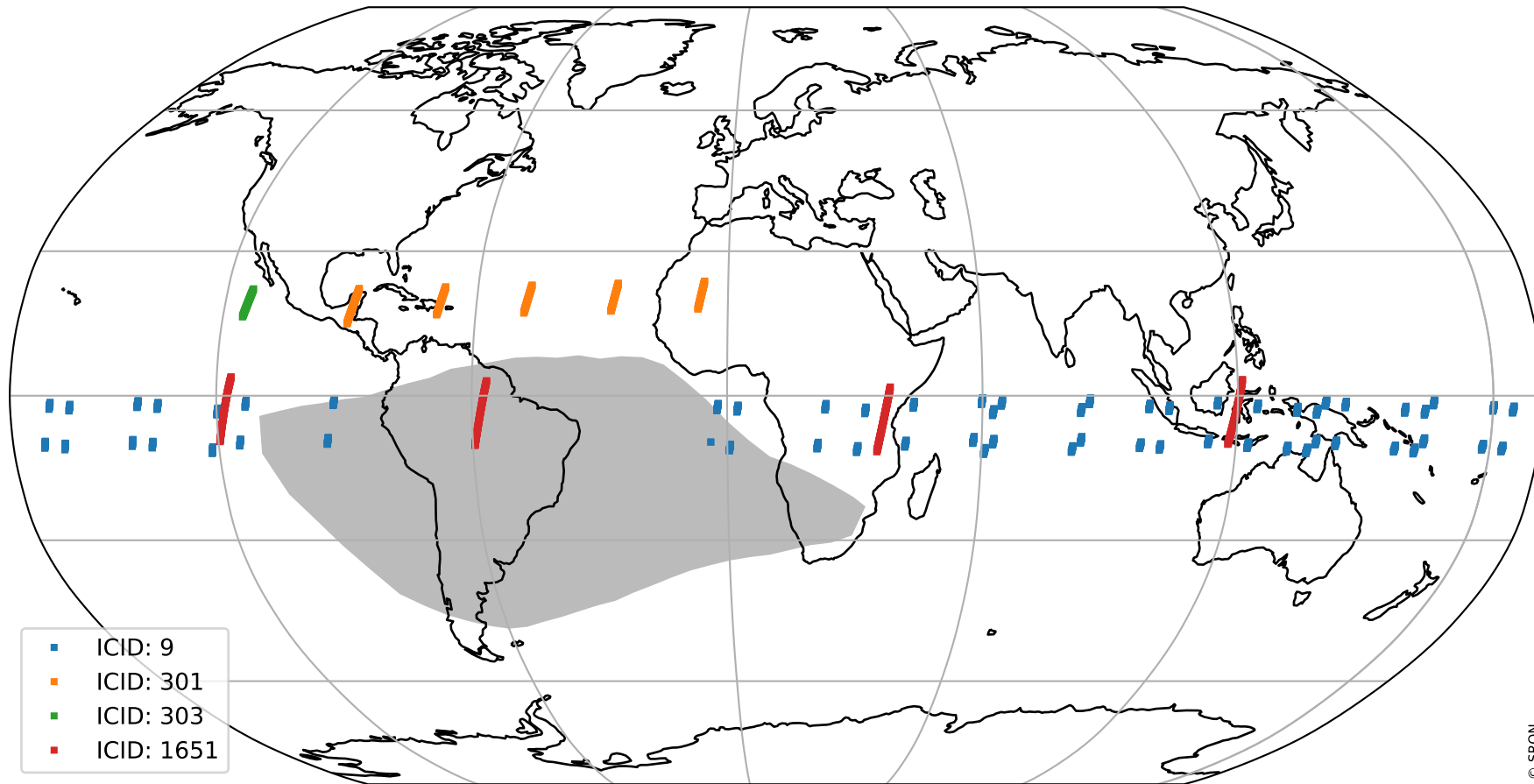
orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
median : 0.94593
spread : 0.095564
created : 2023-08-21T14:52:12

normalized read noise



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

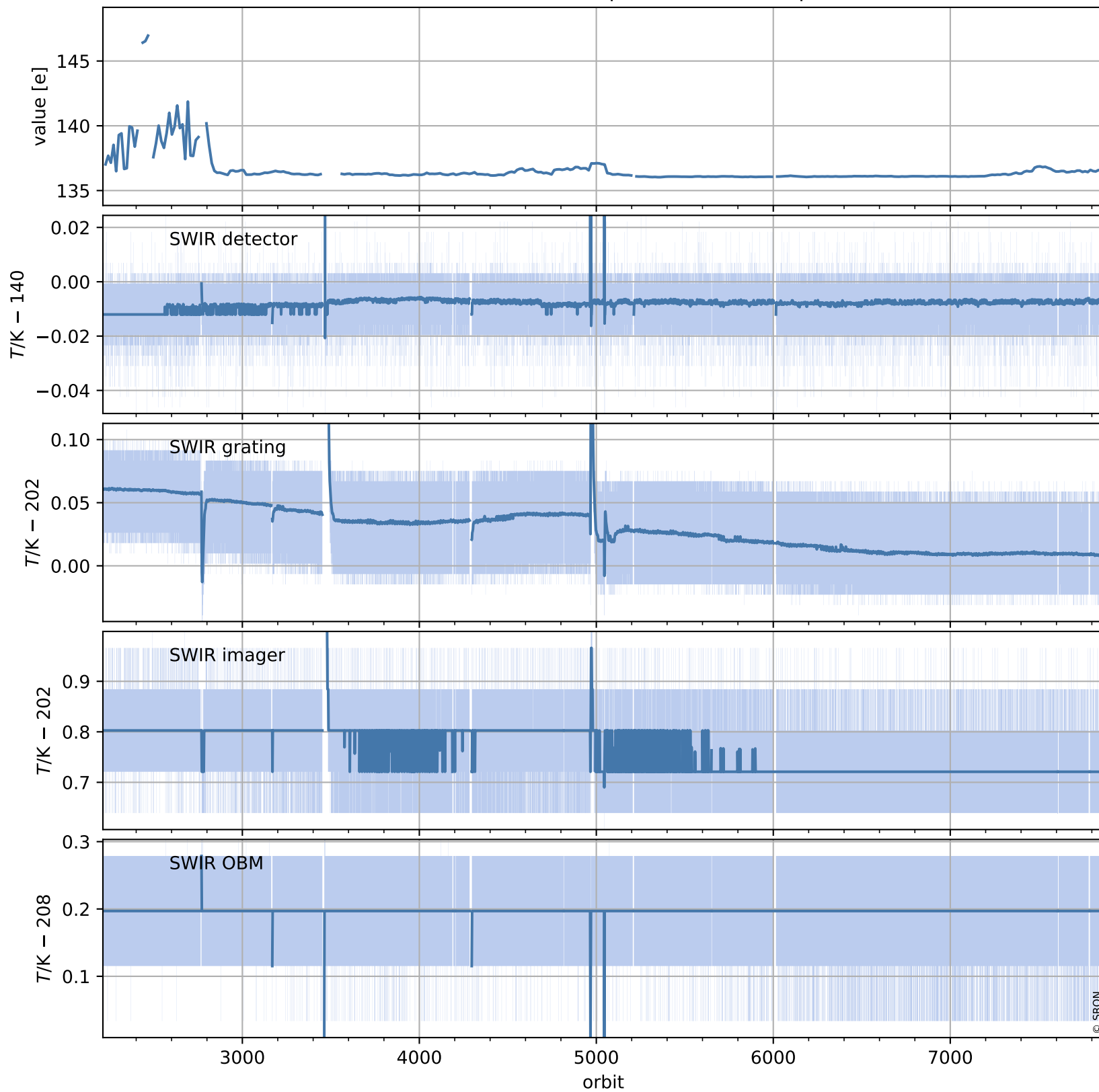
orbits : 10 in [7777, 7867]
coverage : 2019-04-15 / 2019-04-20
created : 2023-08-21T14:52:12



Tropomi SWIR background noise (swir)

orbits : [2212, 7867]
coverage : 2018-03-18 / 2019-04-20
created : 2023-08-21T14:52:13

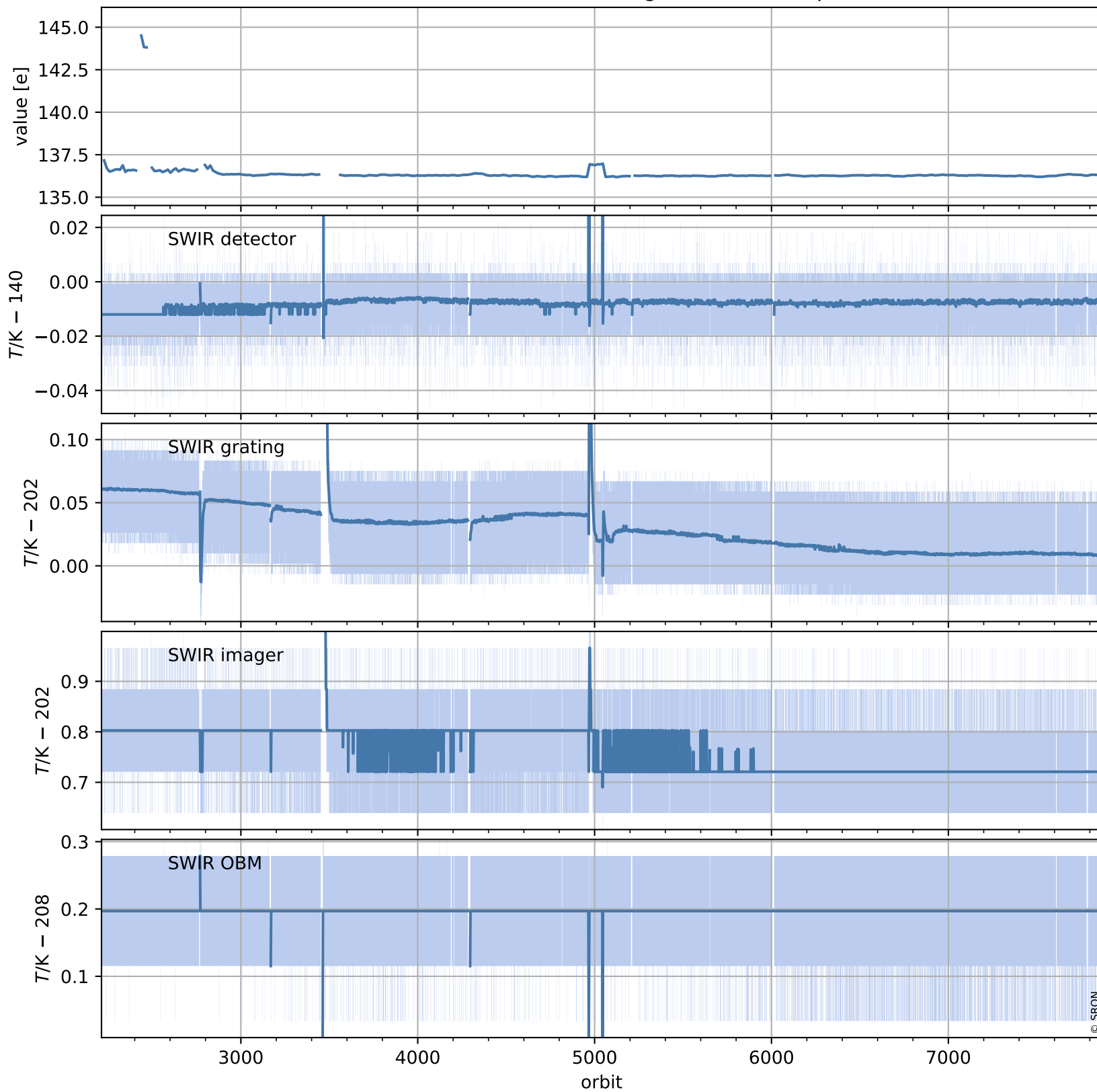
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7867]
coverage : 2018-03-18 / 2019-04-20
created : 2023-08-21T14:52:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7867]
coverage : 2018-03-18 / 2019-04-20
created : 2023-08-21T14:52:14

trend of normalized read-noise & temperatures

