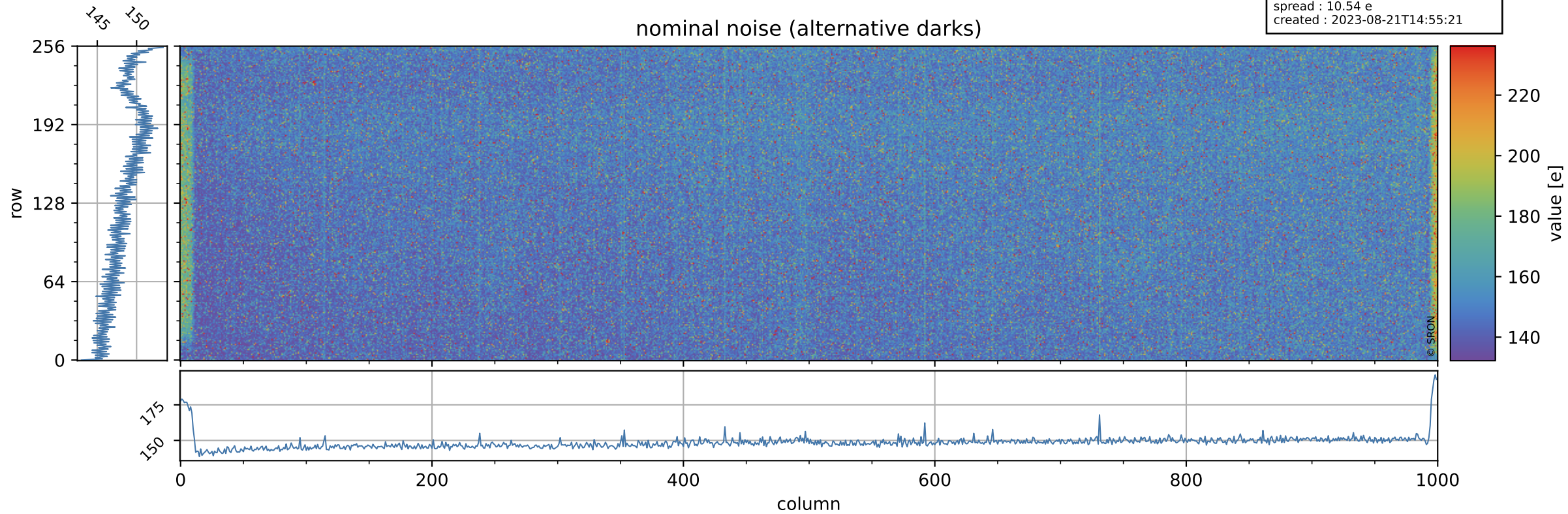


Tropomi SWIR background noise (swir)

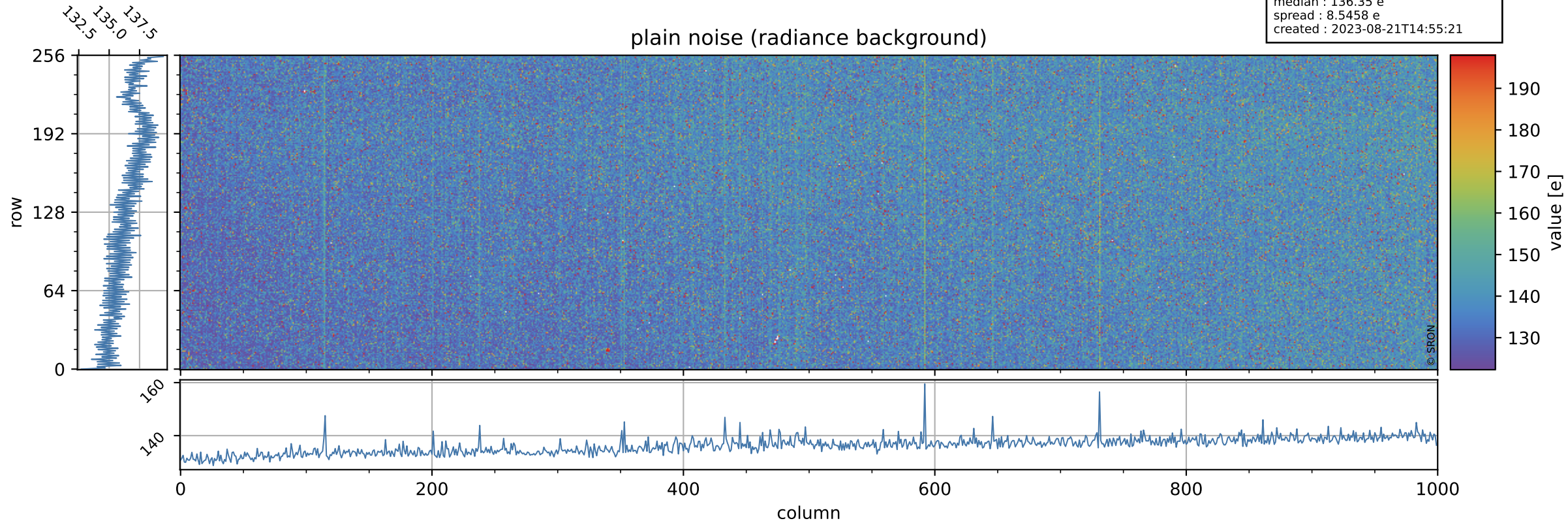
orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.54 e
created : 2023-08-21T14:55:21



Tropomi SWIR background noise (swir)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
n_coad, t_exp : 2, 0.5383
median : 136.35 e
spread : 8.5458 e
created : 2023-08-21T14:55:21

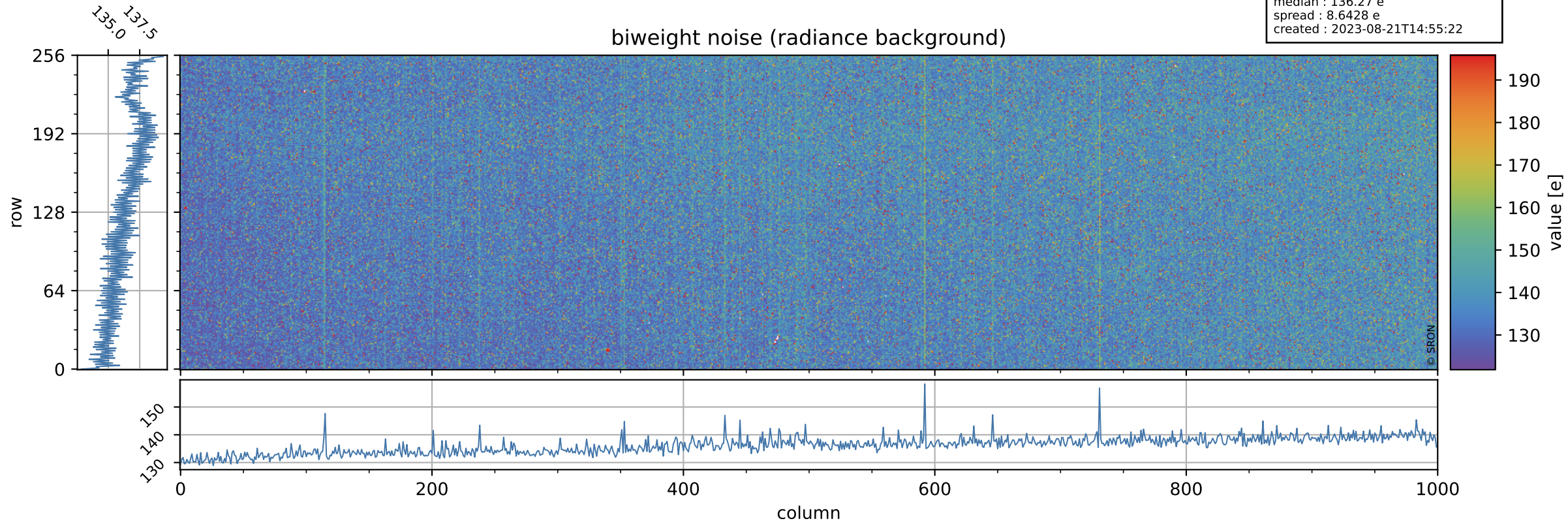
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6428 e
created : 2023-08-21T14:55:22

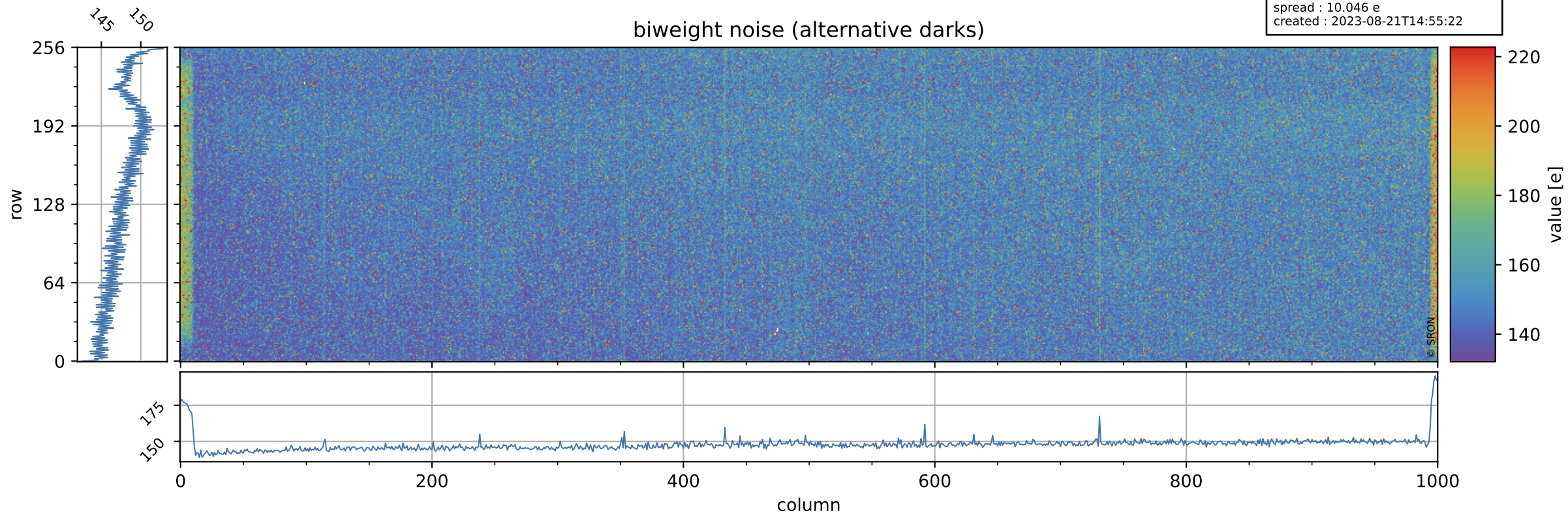
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.046 e
created : 2023-08-21T14:55:22

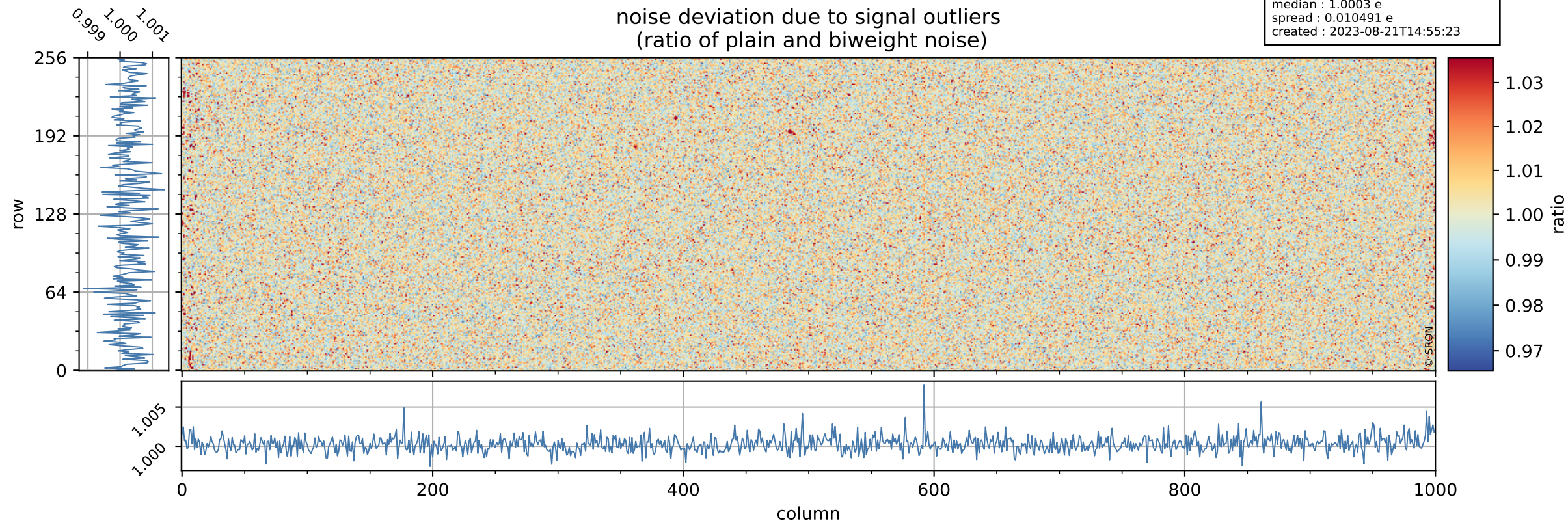
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

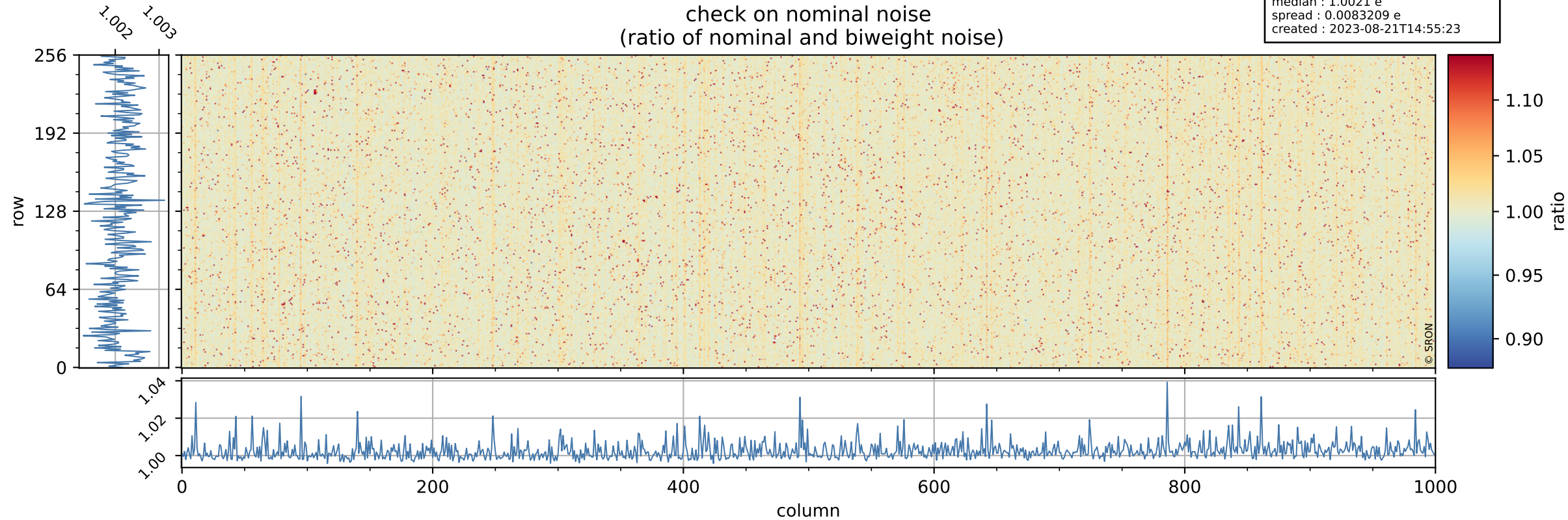
orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
median : 1.0003 e
spread : 0.010491 e
created : 2023-08-21T14:55:23



Tropomi SWIR background noise (swir)

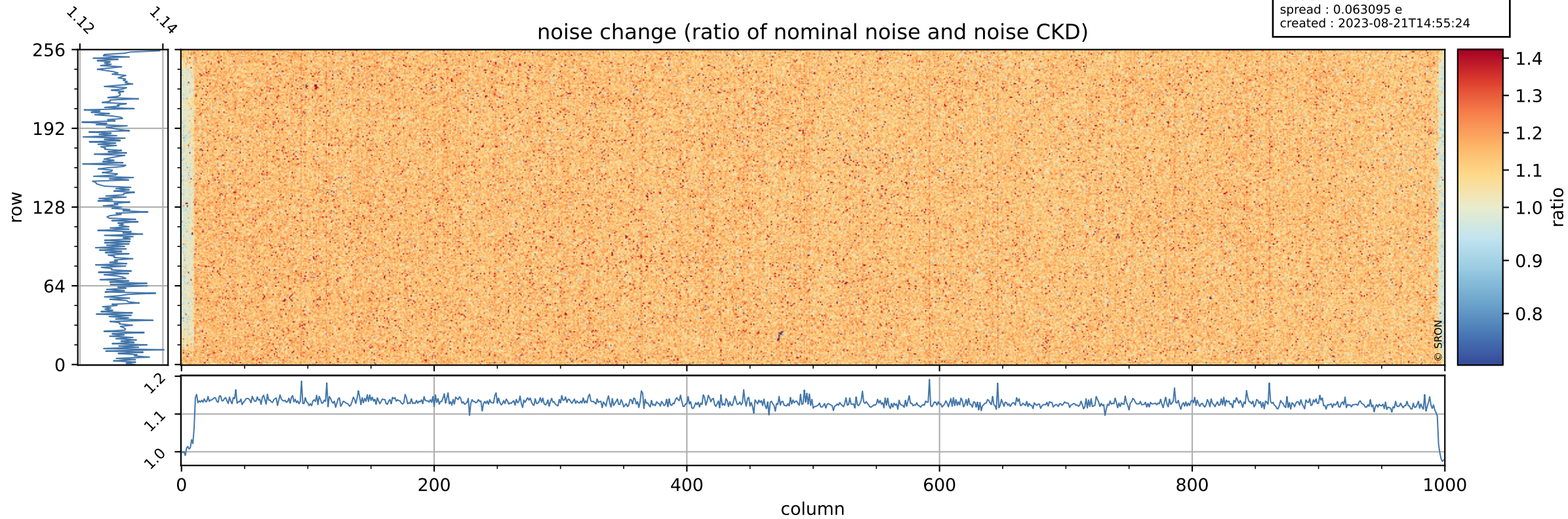
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
median : 1.0021 e
spread : 0.0083209 e
created : 2023-08-21T14:55:23



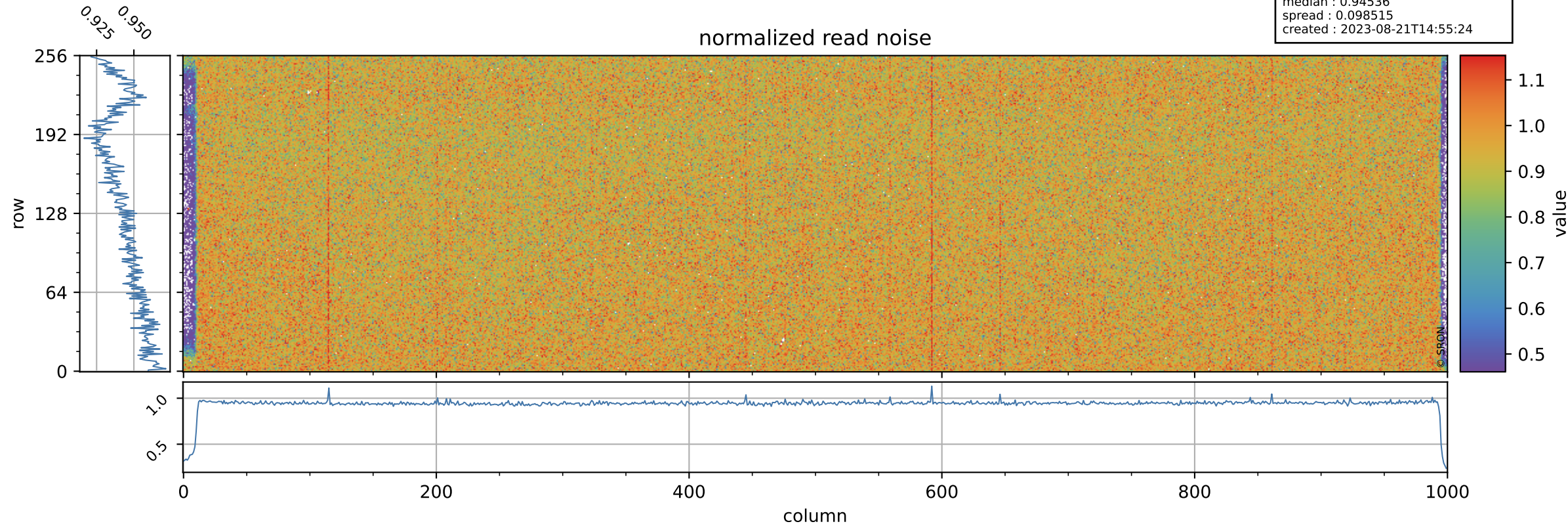
Tropomi SWIR background noise (swir)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
median : 1.1284 e
spread : 0.063095 e
created : 2023-08-21T14:55:24



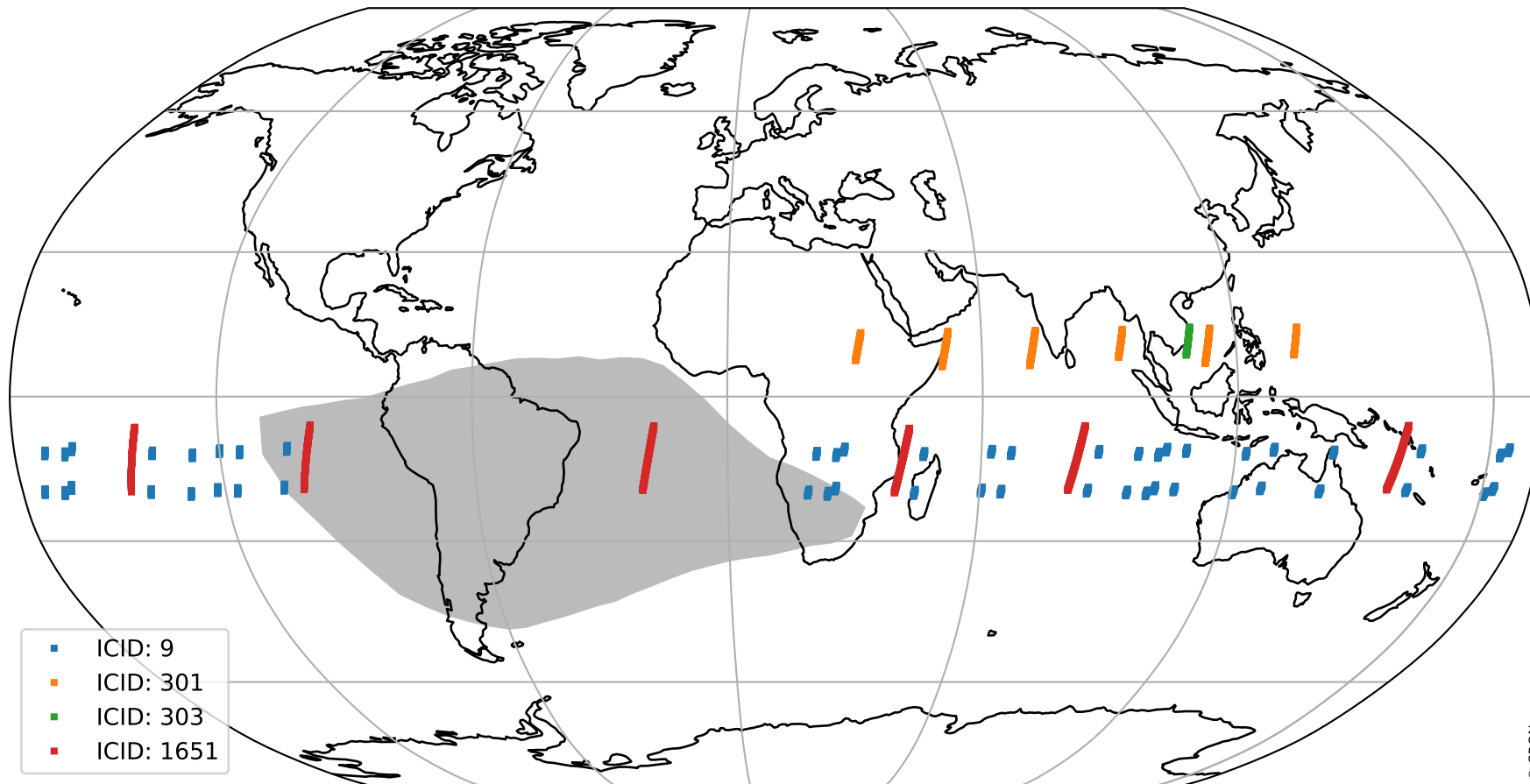
Tropomi SWIR background noise (swir)

orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
median : 0.94536
spread : 0.098515
created : 2023-08-21T14:55:24



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

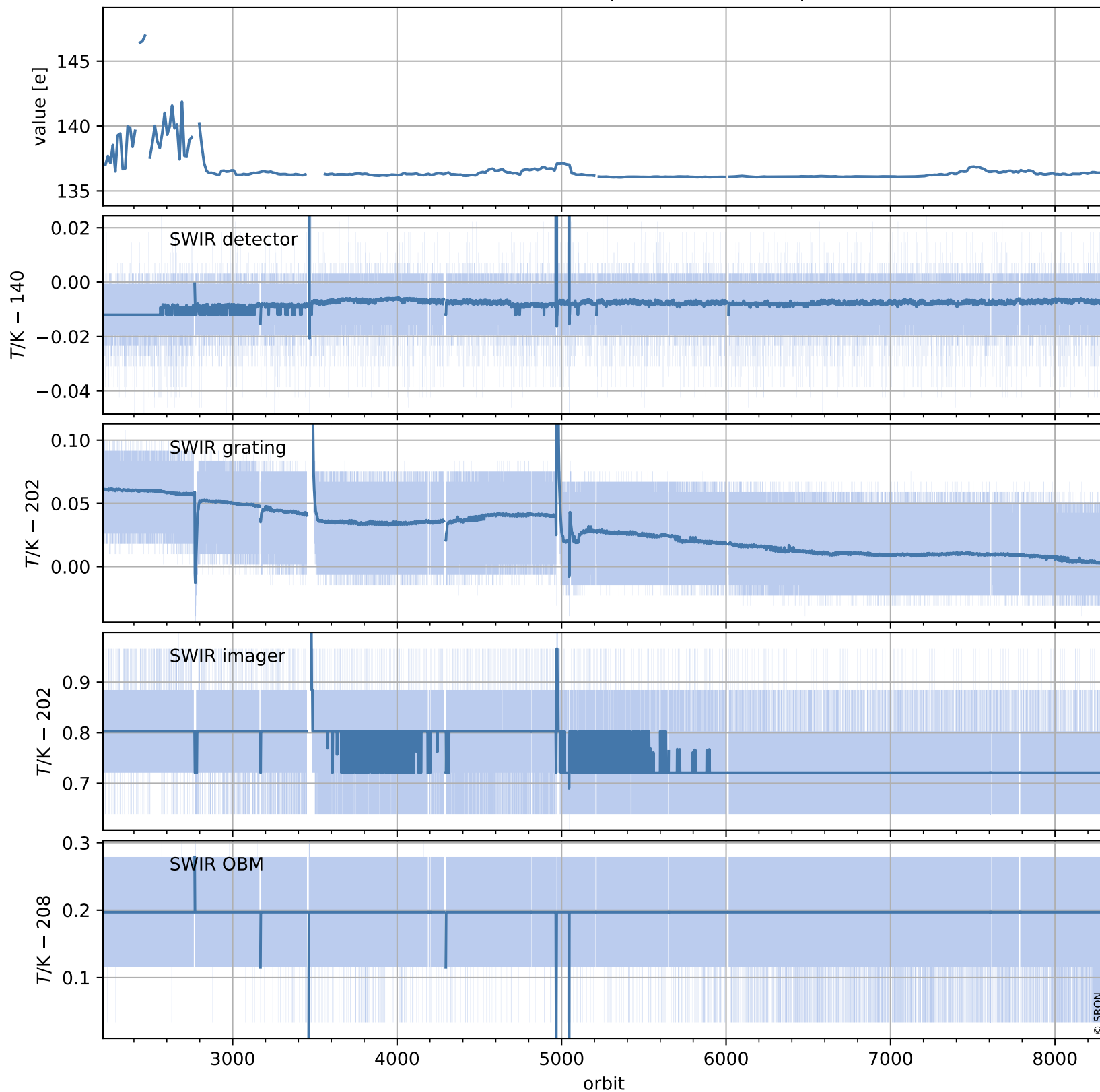
orbits : 13 in [8227, 8302]
coverage : 2019-05-15 / 2019-05-20
created : 2023-08-21T14:55:25



Tropomi SWIR background noise (swir)

orbits : [2212, 8302]
coverage : 2018-03-18 / 2019-05-20
created : 2023-08-21T14:55:25

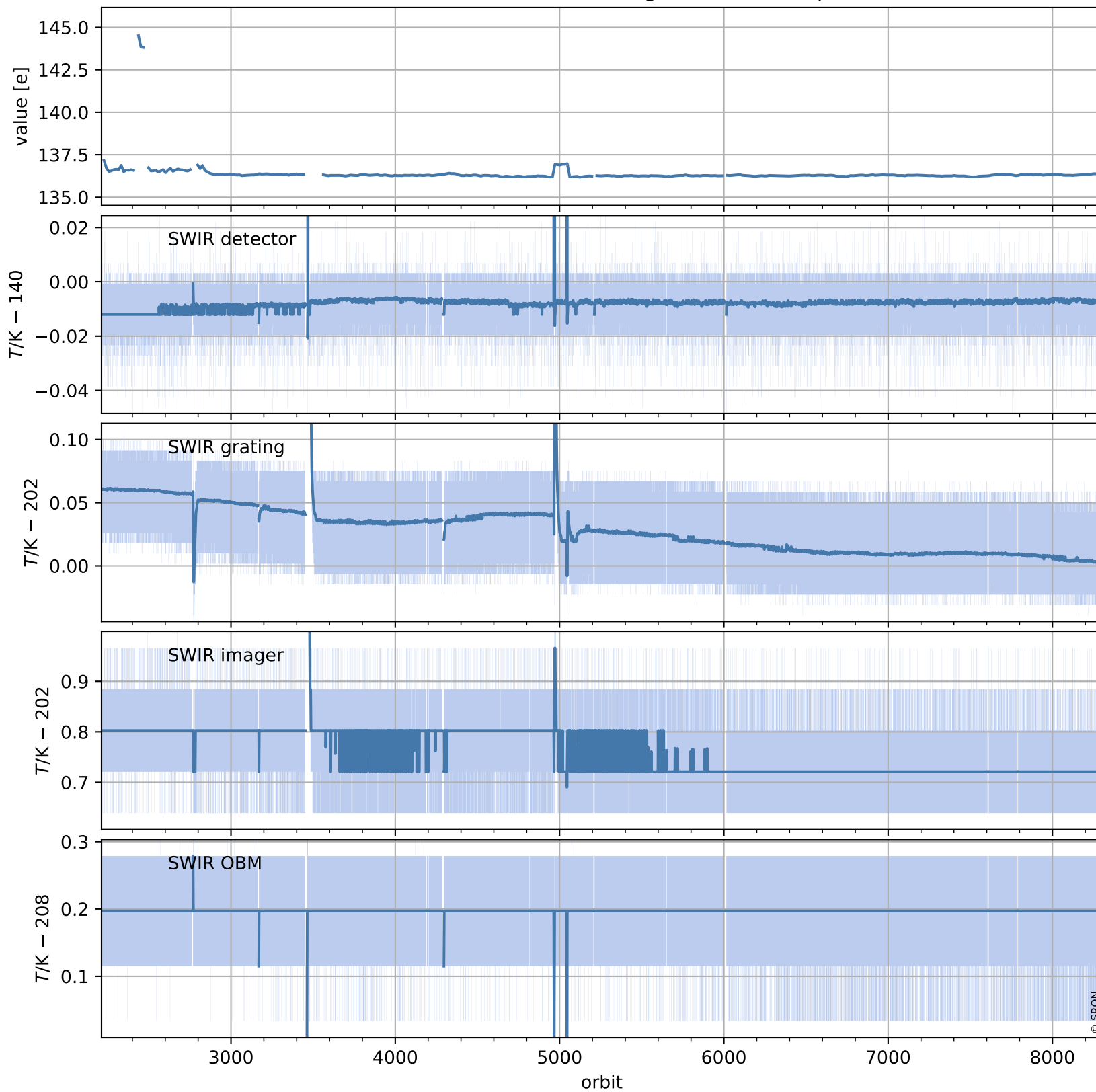
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8302]
coverage : 2018-03-18 / 2019-05-20
created : 2023-08-21T14:55:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8302]
coverage : 2018-03-18 / 2019-05-20
created : 2023-08-21T14:55:26

trend of normalized read-noise & temperatures

