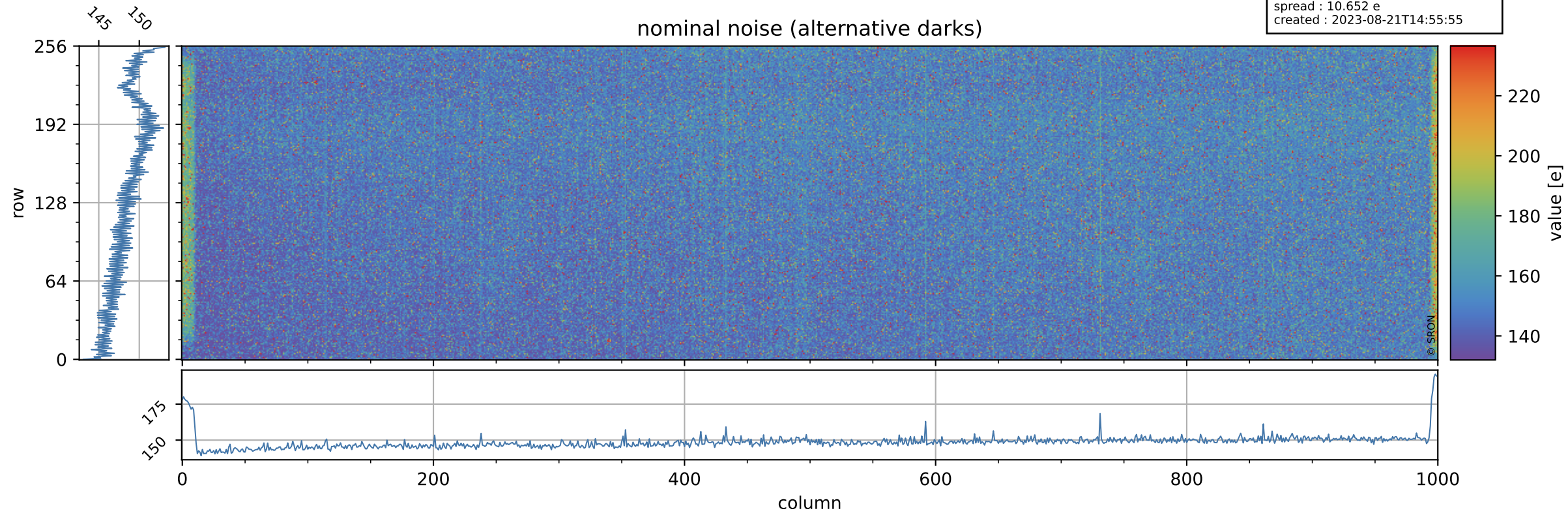


Tropomi SWIR background noise (swir)

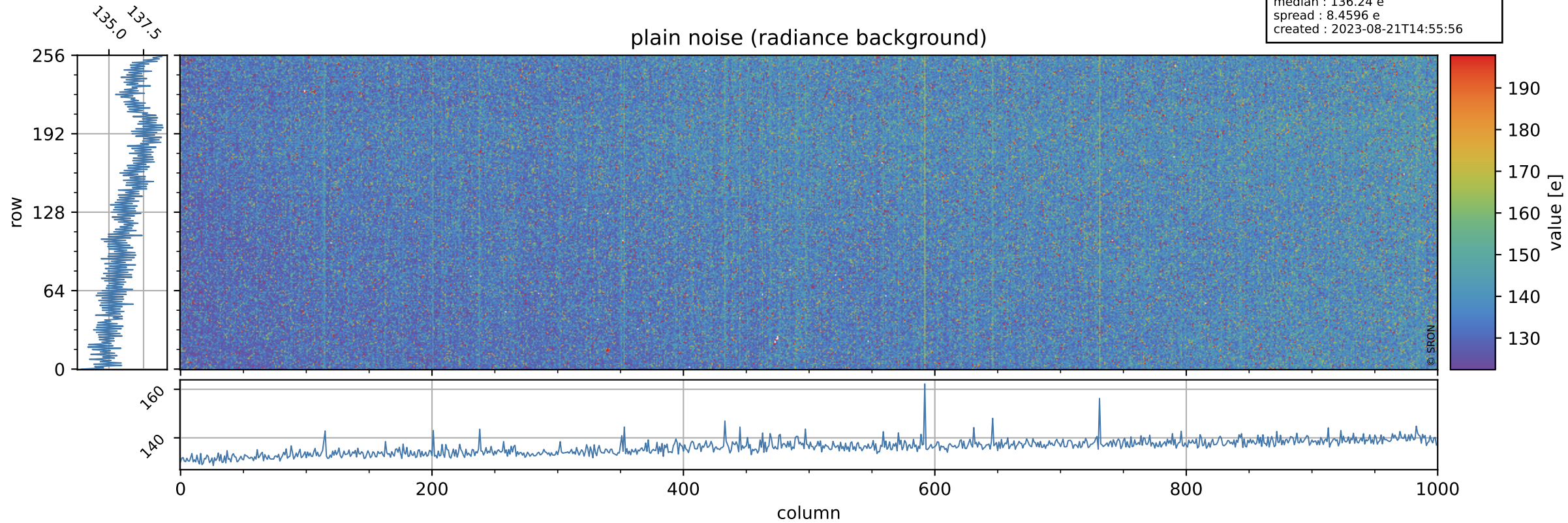
orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.652 e
created : 2023-08-21T14:55:55



Tropomi SWIR background noise (swir)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4596 e
created : 2023-08-21T14:55:56

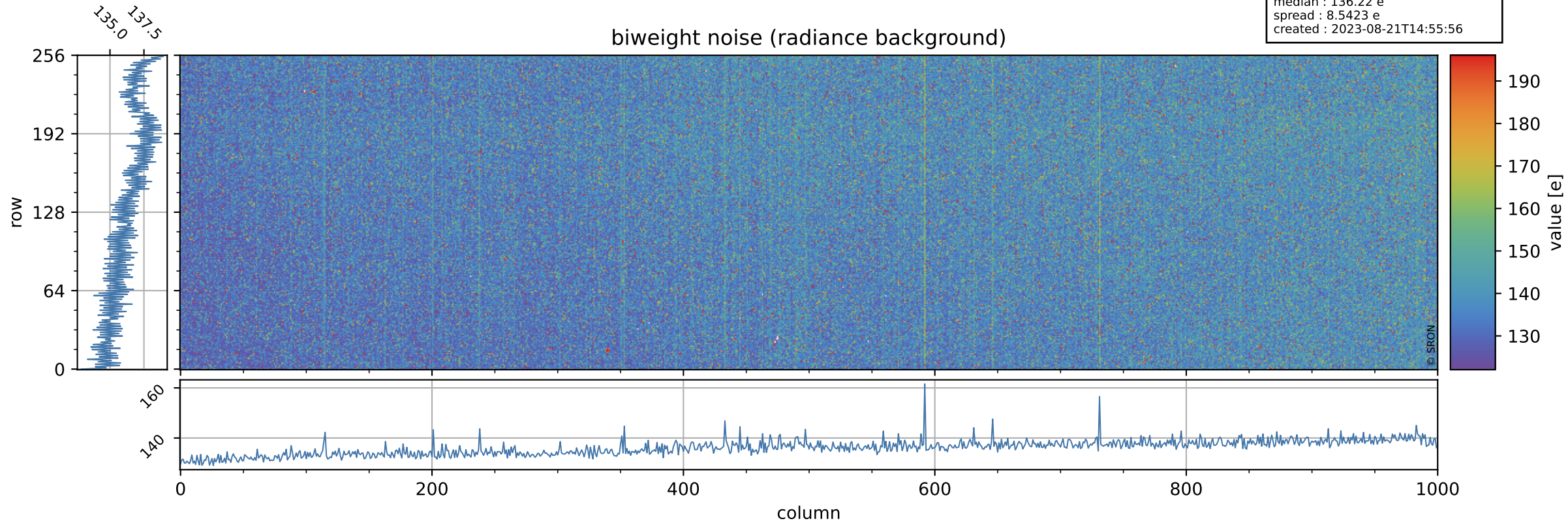
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5423 e
created : 2023-08-21T14:55:56

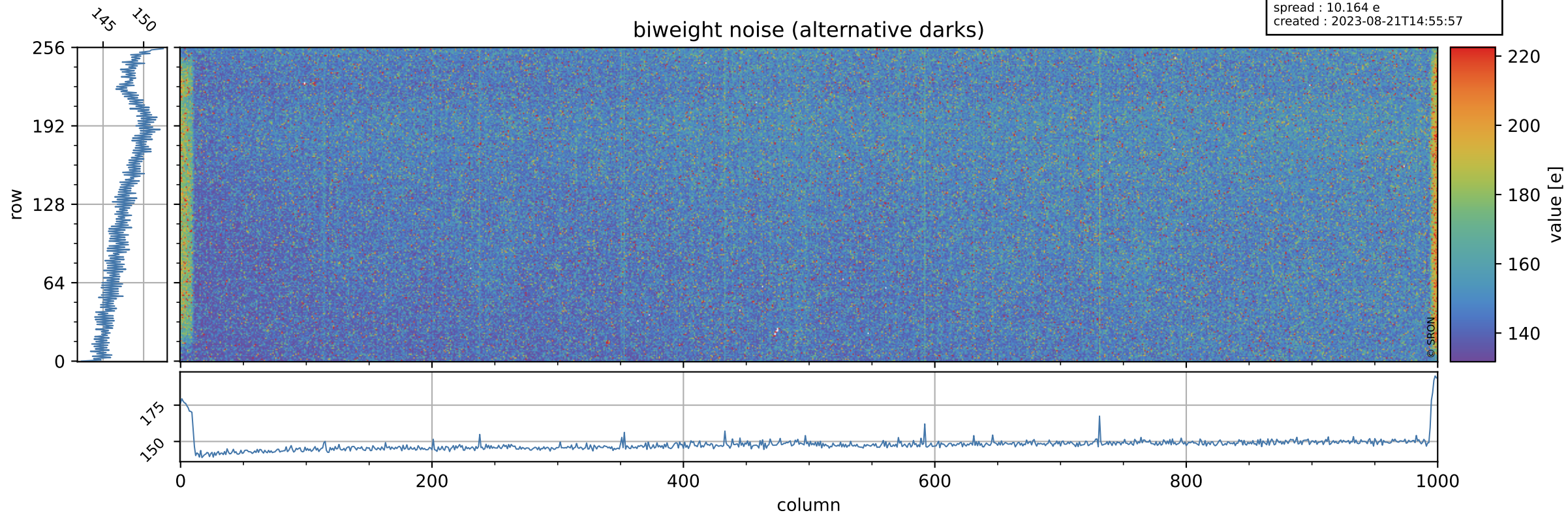
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.164 e
created : 2023-08-21T14:55:57

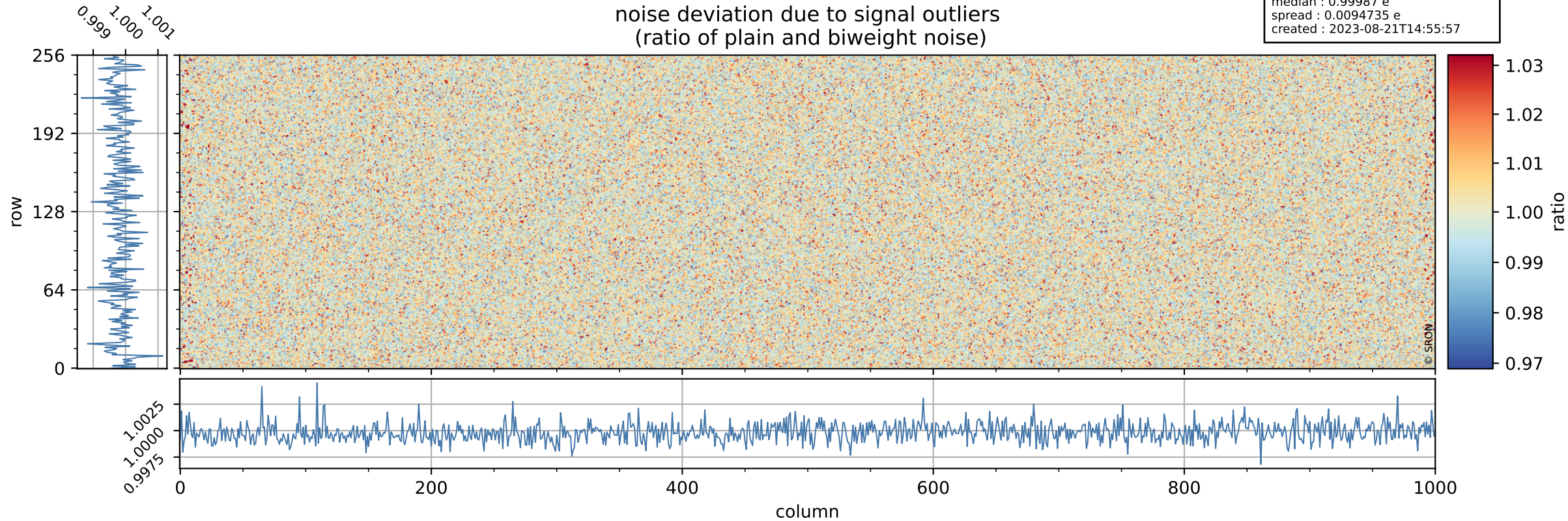
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

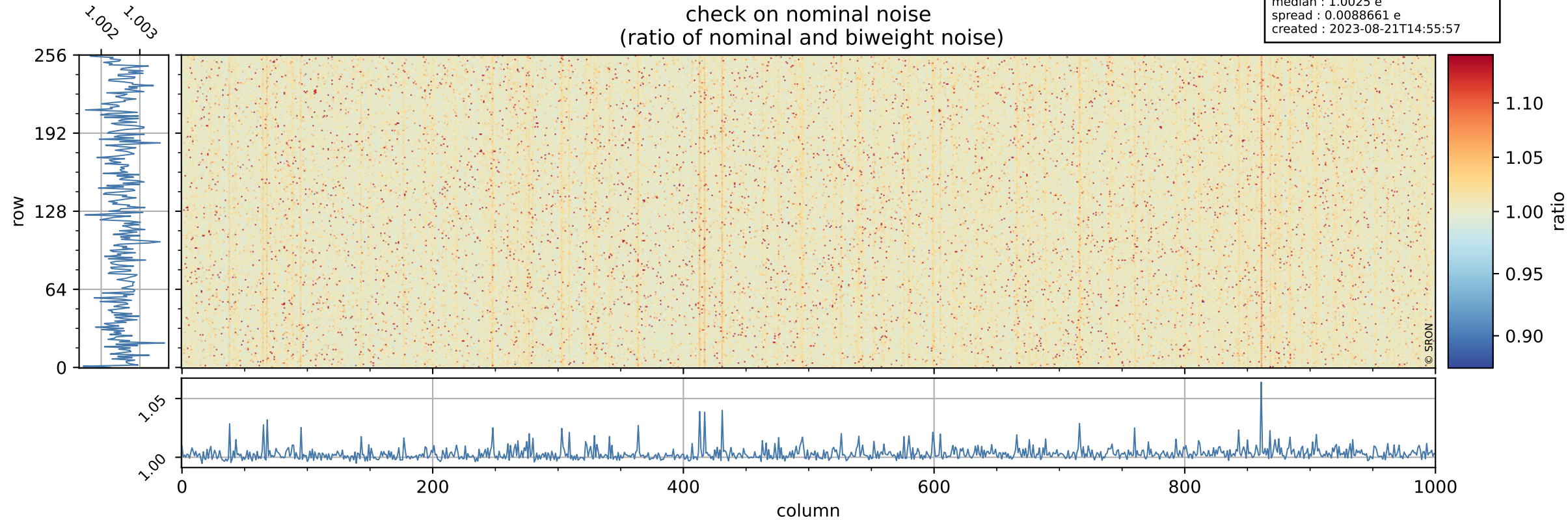
orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
median : 0.99987 e
spread : 0.0094735 e
created : 2023-08-21T14:55:57



Tropomi SWIR background noise (swir)

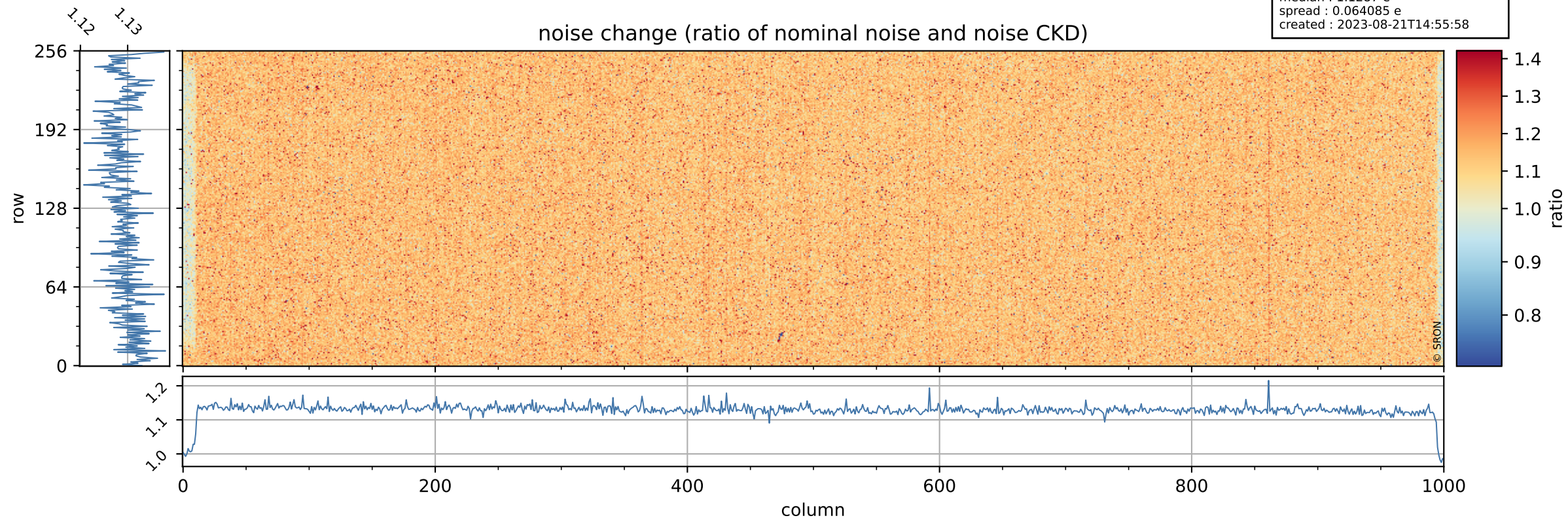
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
median : 1.0025 e
spread : 0.0088661 e
created : 2023-08-21T14:55:57



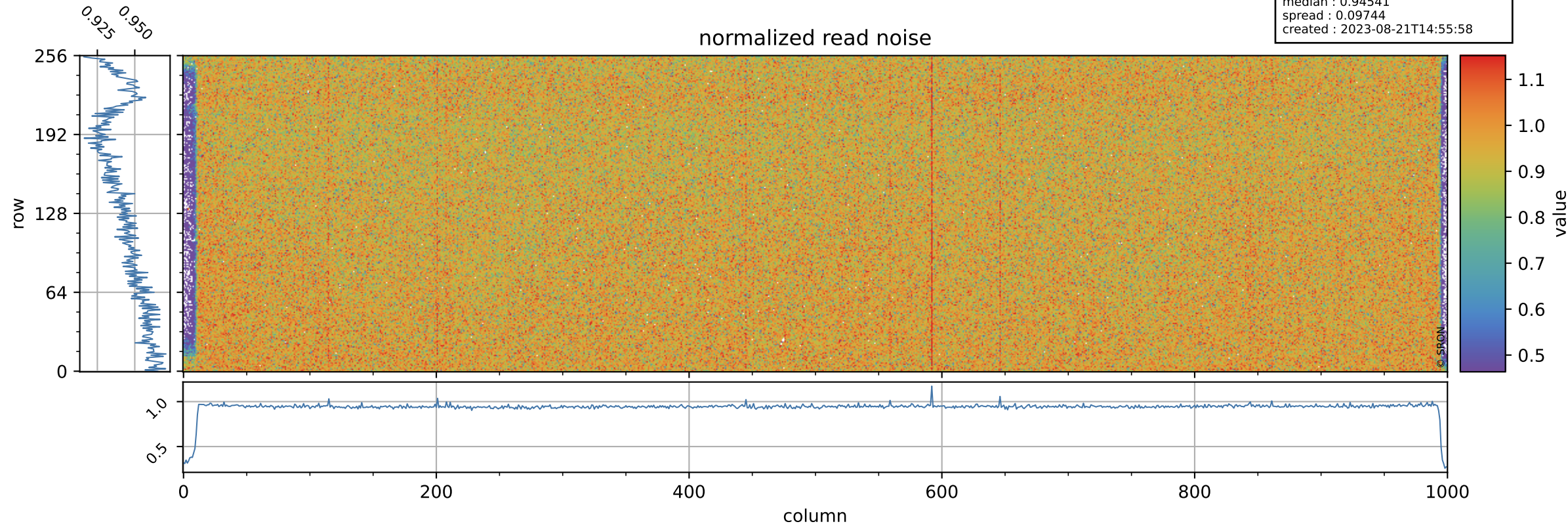
Tropomi SWIR background noise (swir)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
median : 1.1287 e
spread : 0.064085 e
created : 2023-08-21T14:55:58



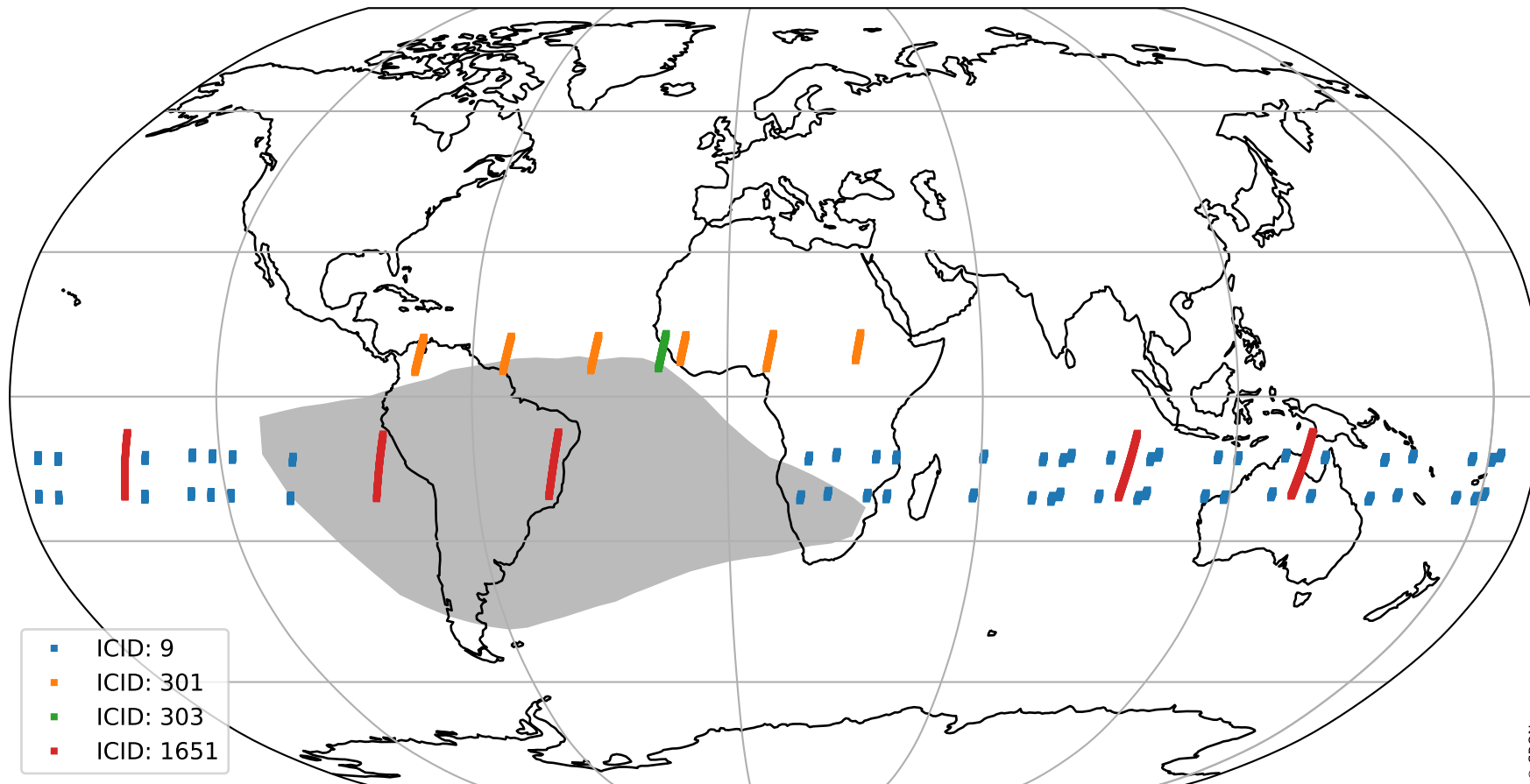
Tropomi SWIR background noise (swir)

orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
median : 0.94541
spread : 0.09744
created : 2023-08-21T14:55:58



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

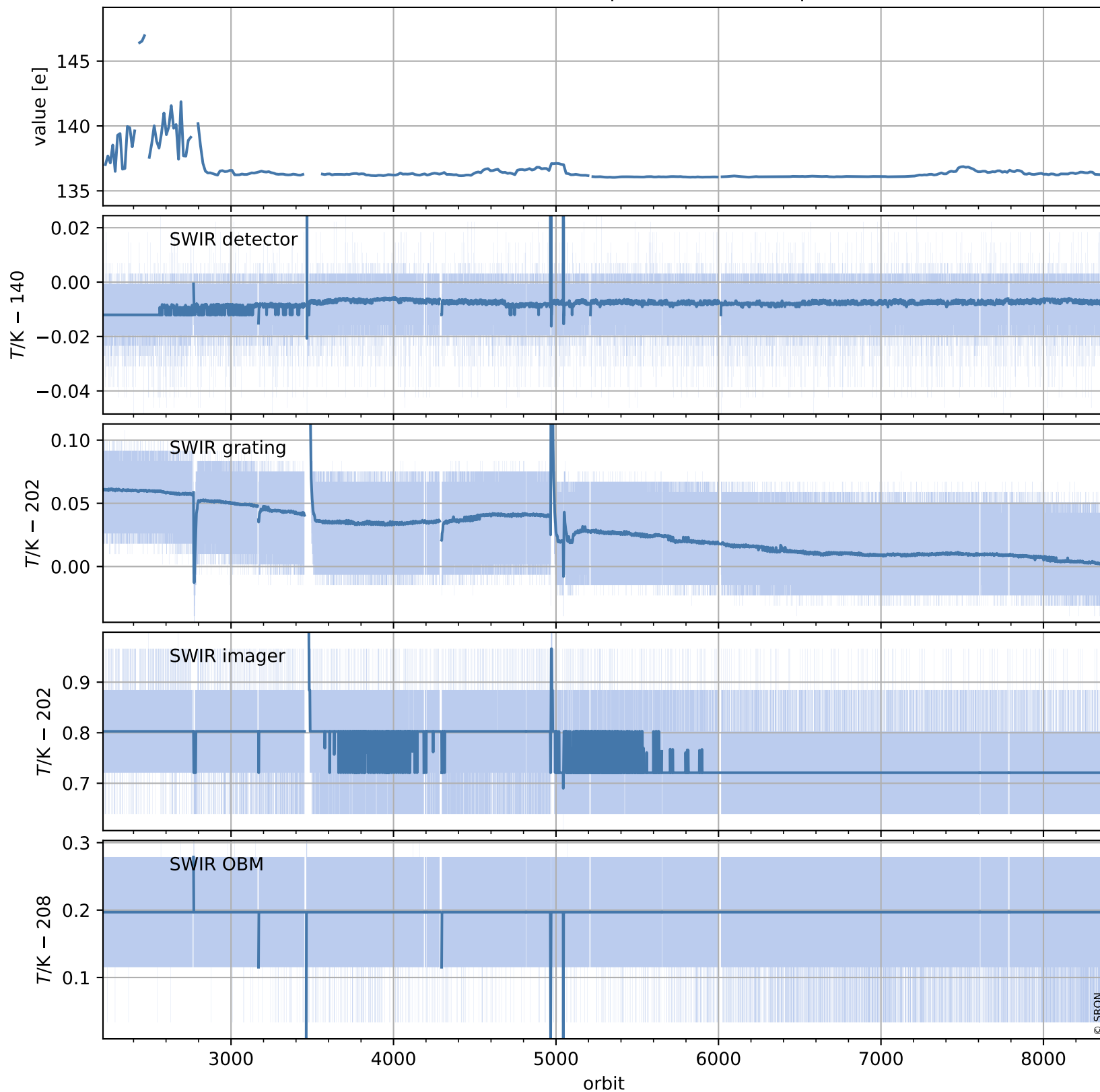
orbits : 12 in [8302, 8377]
coverage : 2019-05-20 / 2019-05-26
created : 2023-08-21T14:55:59



Tropomi SWIR background noise (swir)

orbits : [2212, 8377]
coverage : 2018-03-18 / 2019-05-26
created : 2023-08-21T14:55:59

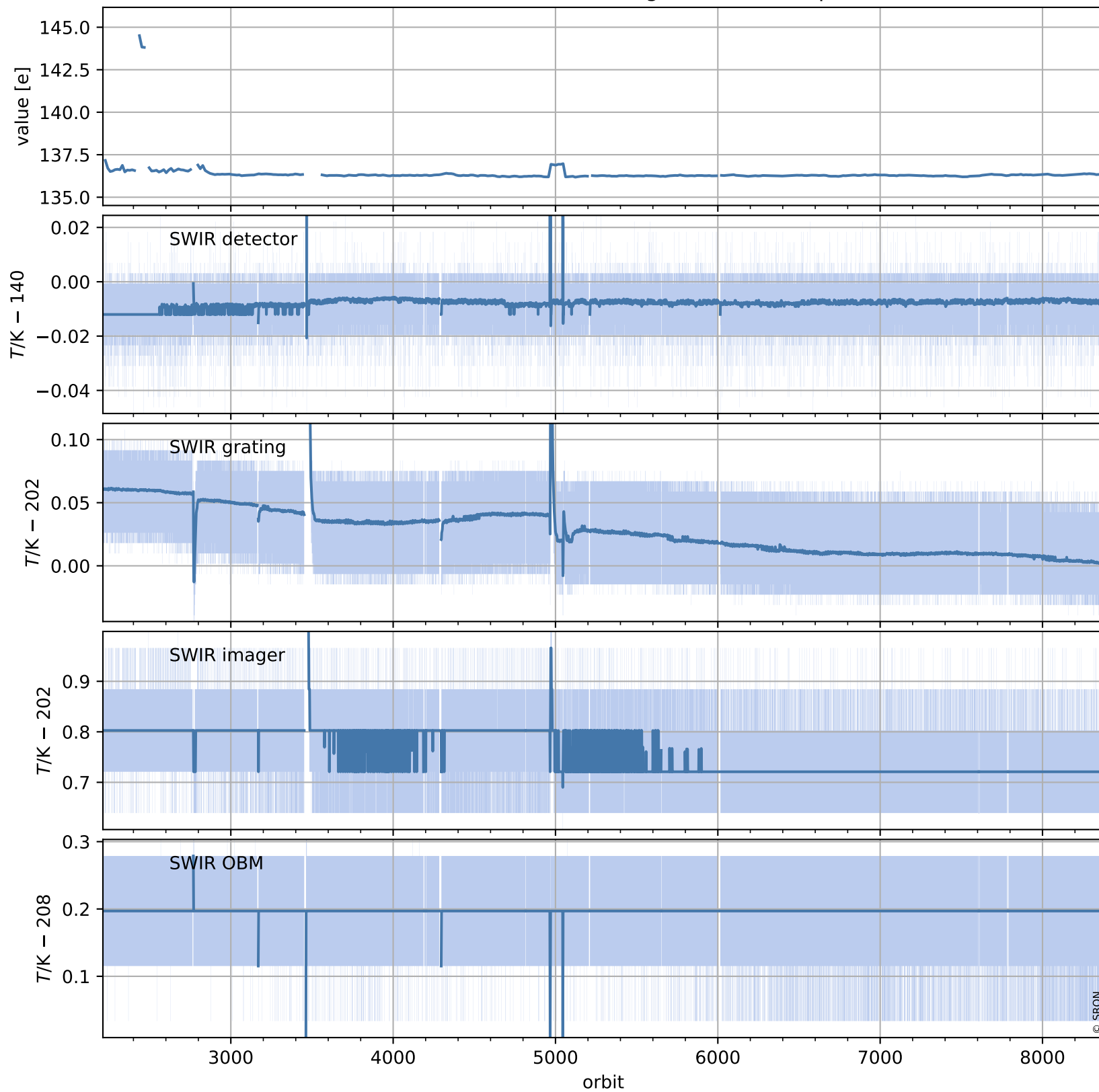
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8377]
coverage : 2018-03-18 / 2019-05-26
created : 2023-08-21T14:56:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8377]
coverage : 2018-03-18 / 2019-05-26
created : 2023-08-21T14:56:01

trend of normalized read-noise & temperatures

