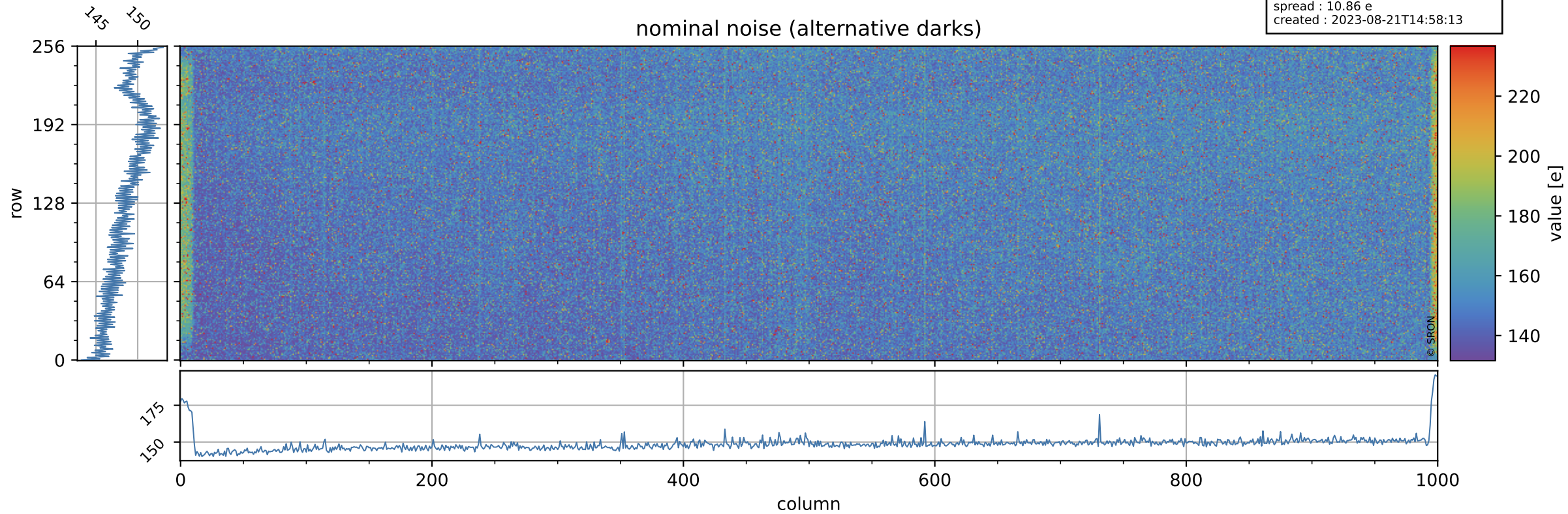


Tropomi SWIR background noise (swir)

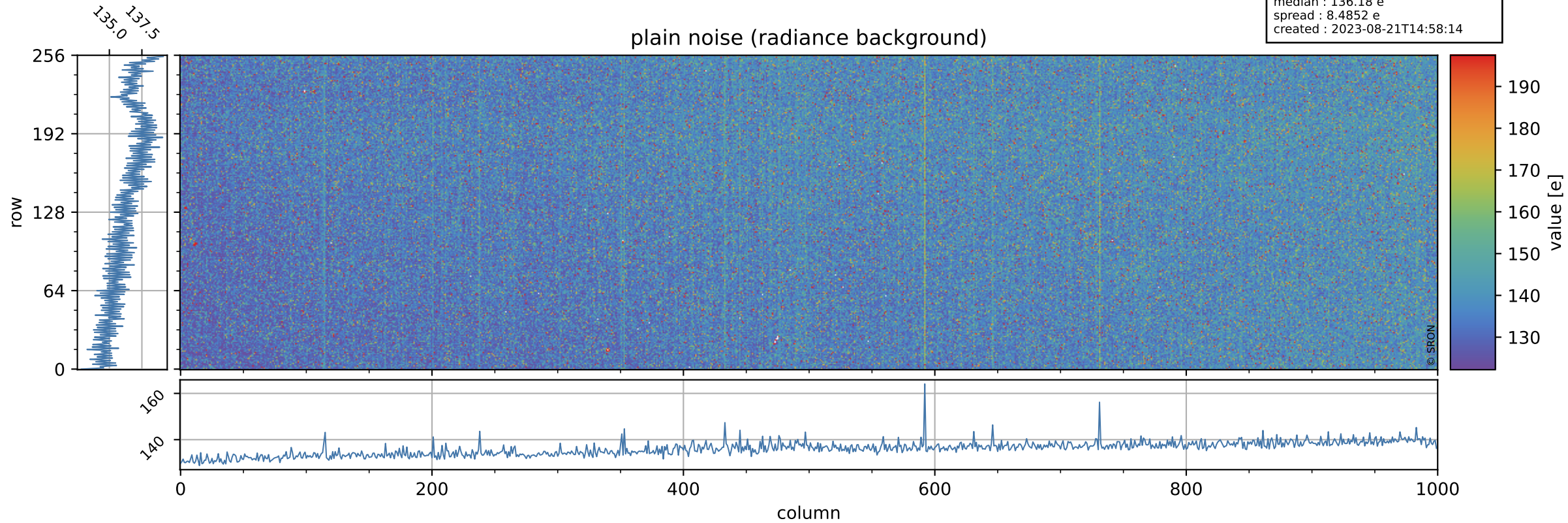
orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.86 e
created : 2023-08-21T14:58:13



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4852 e
created : 2023-08-21T14:58:14

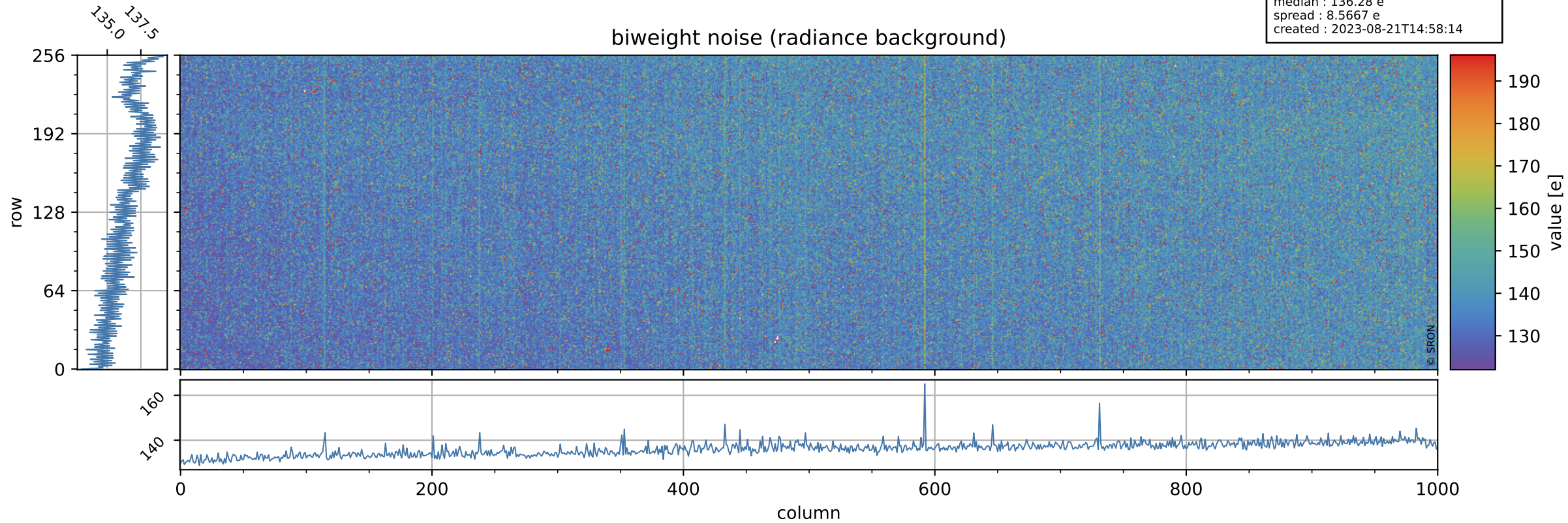
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.5667 e
created : 2023-08-21T14:58:14

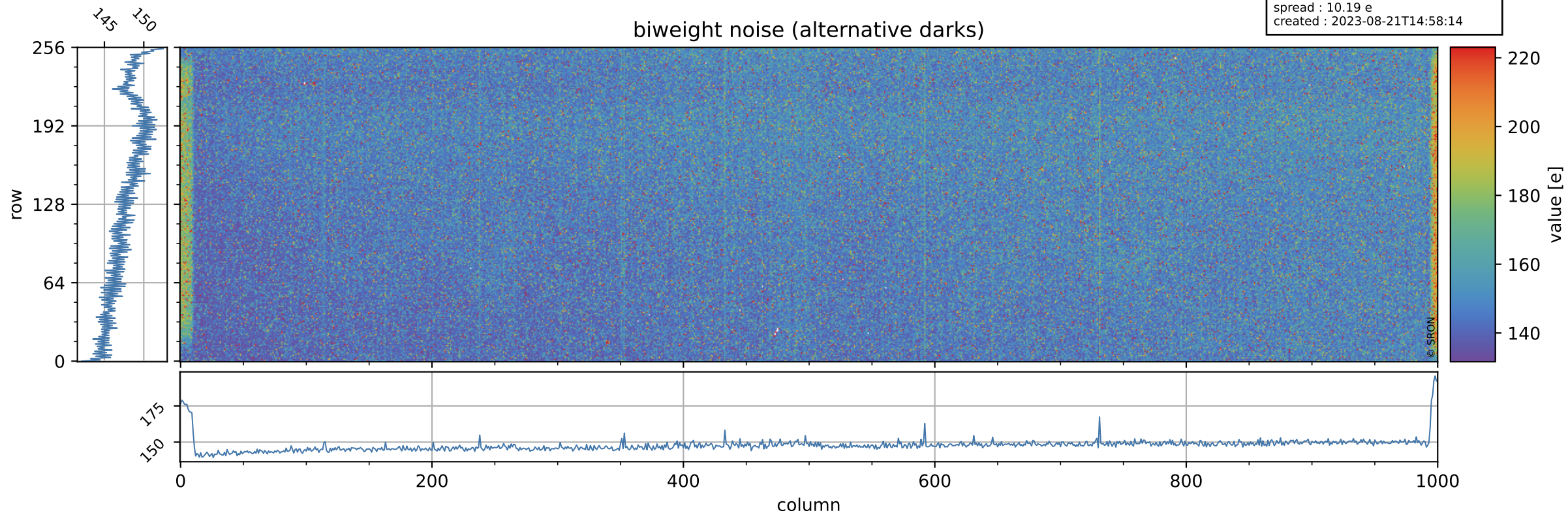
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.19 e
created : 2023-08-21T14:58:14

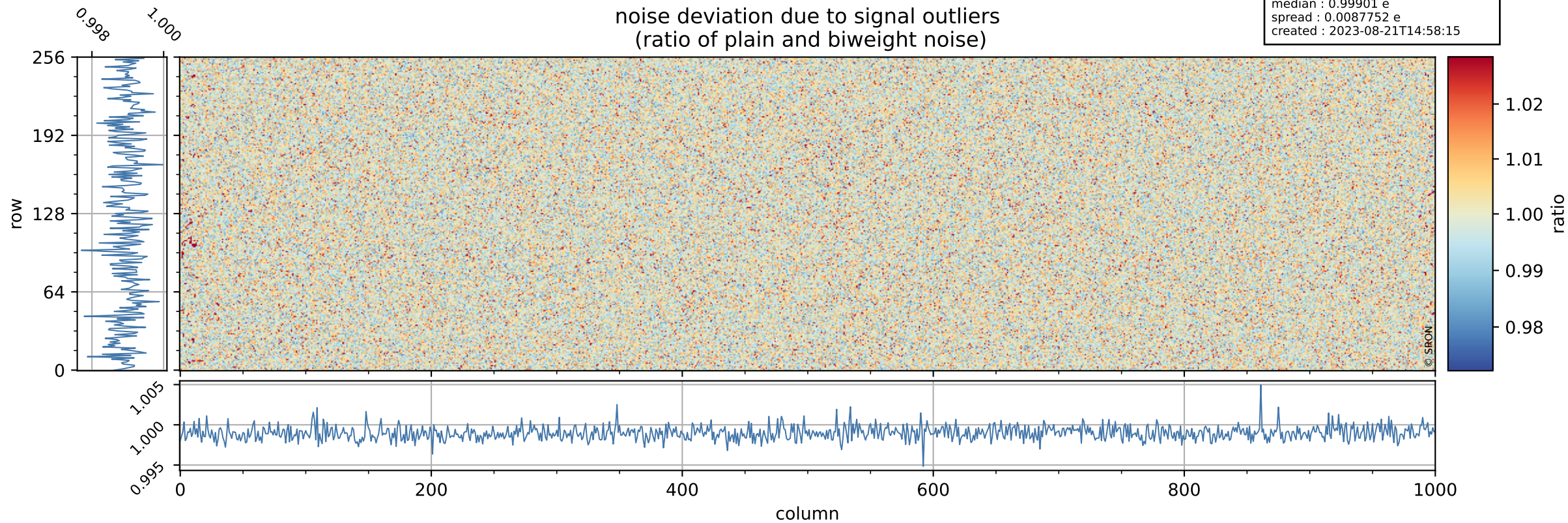
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

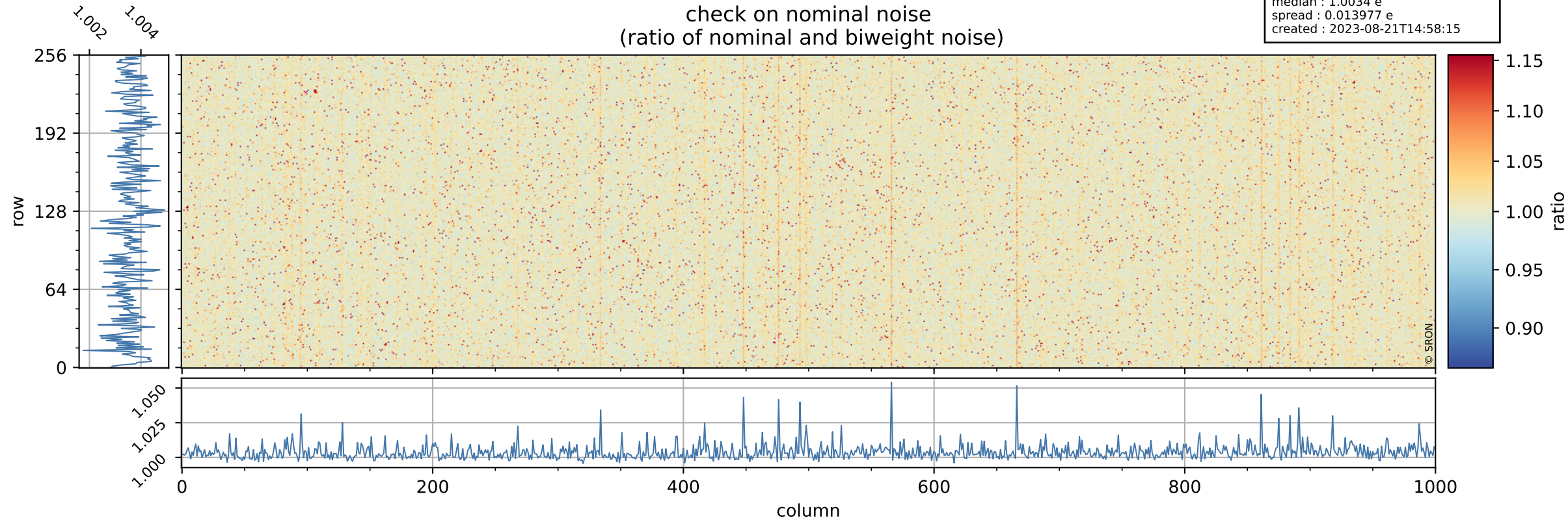
orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
median : 0.99901 e
spread : 0.0087752 e
created : 2023-08-21T14:58:15



Tropomi SWIR background noise (swir)

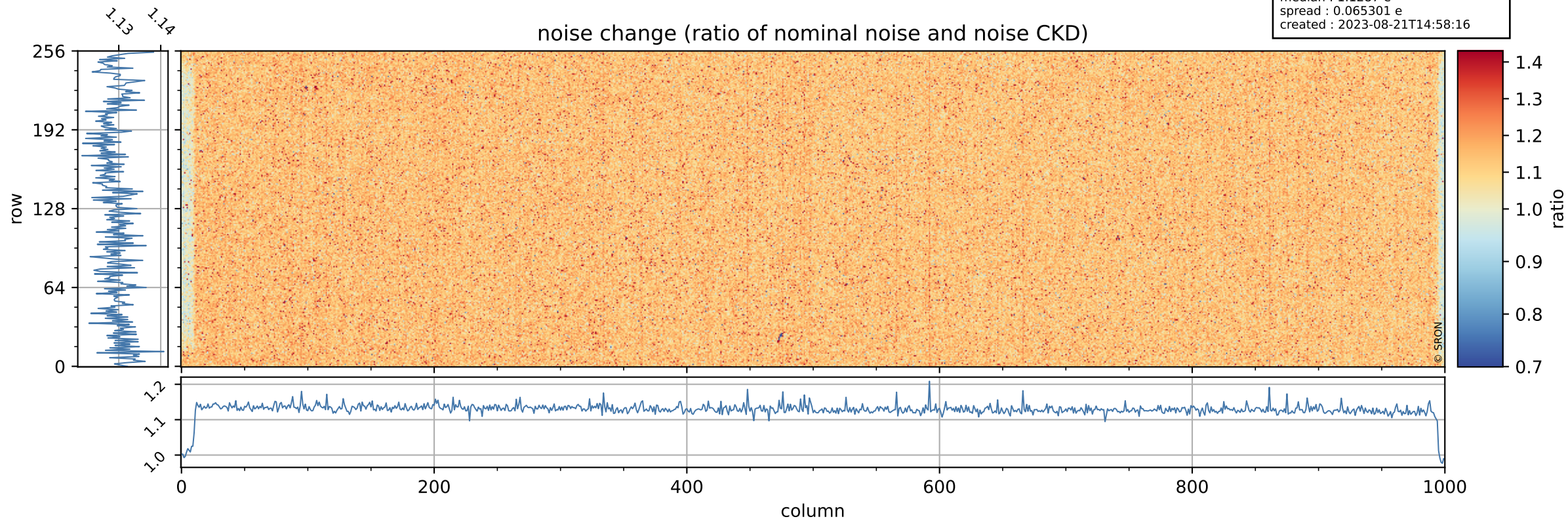
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
median : 1.0034 e
spread : 0.013977 e
created : 2023-08-21T14:58:15



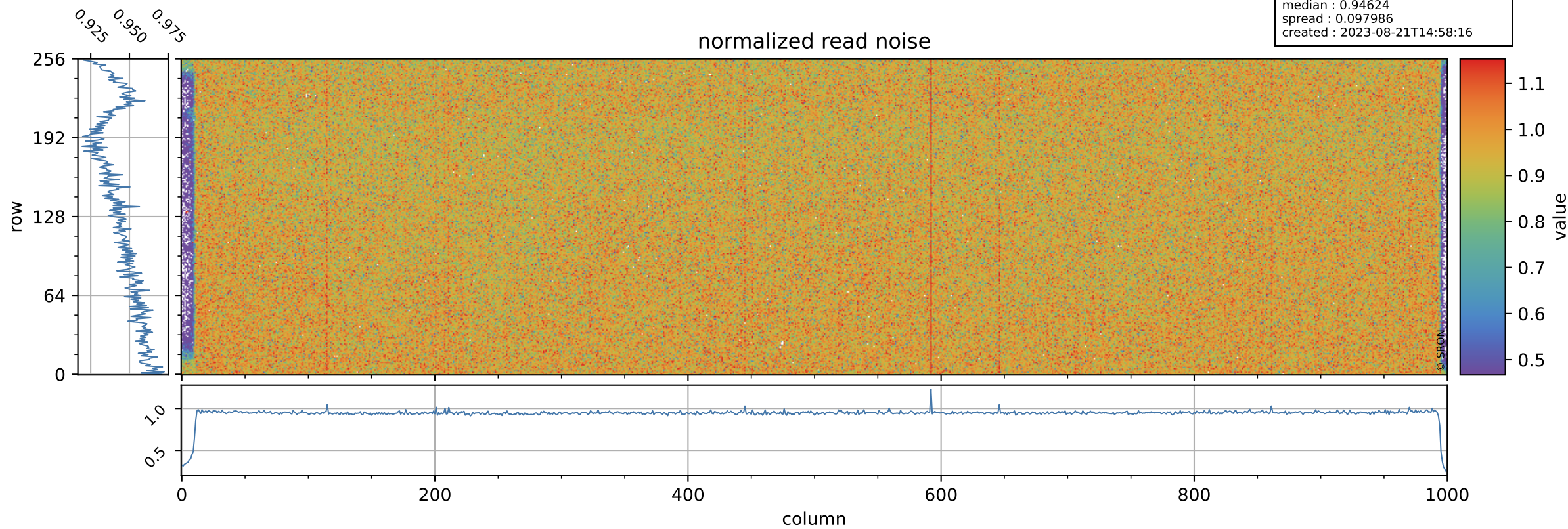
Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
median : 1.1287 e
spread : 0.065301 e
created : 2023-08-21T14:58:16



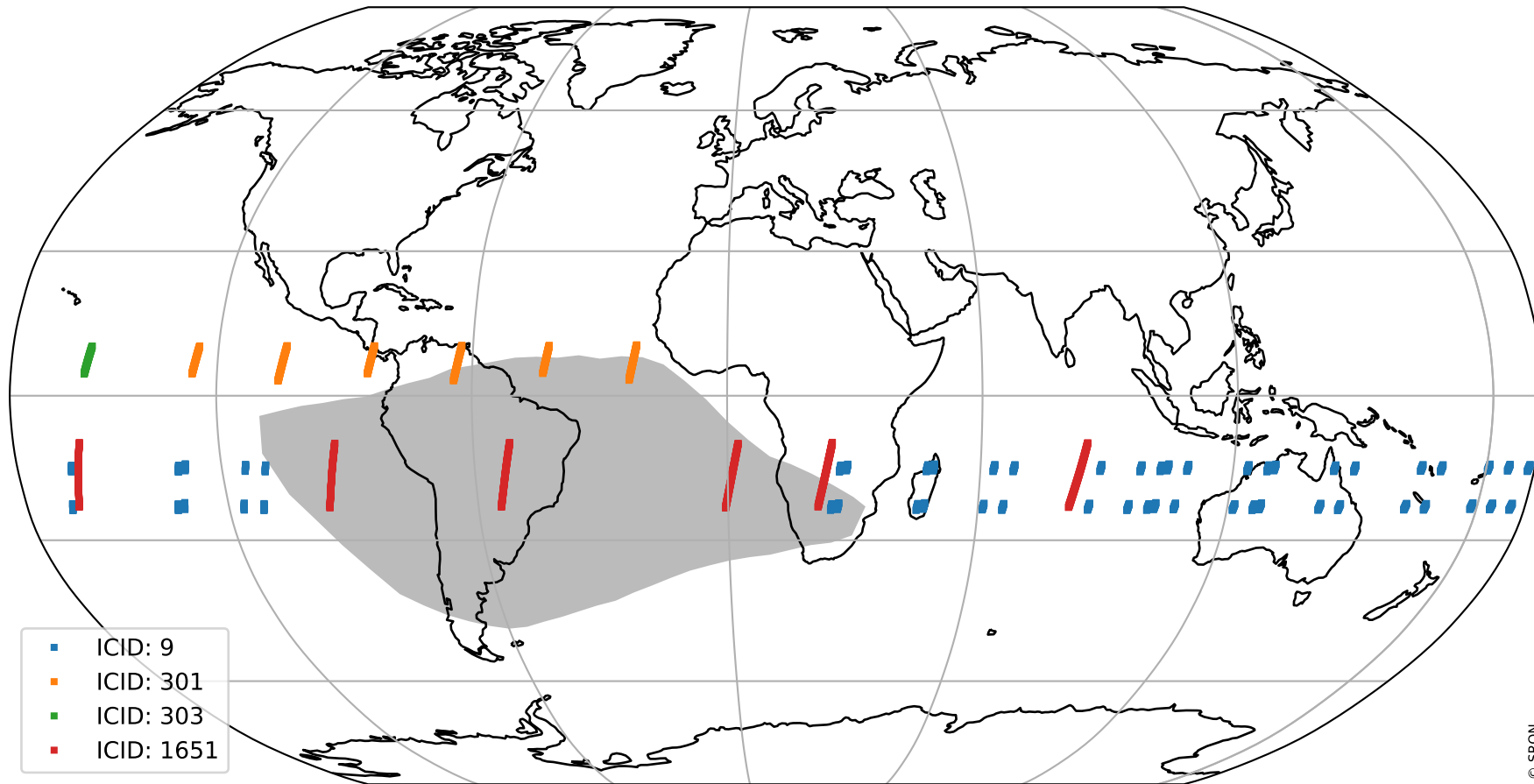
Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
median : 0.94624
spread : 0.097986
created : 2023-08-21T14:58:16



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

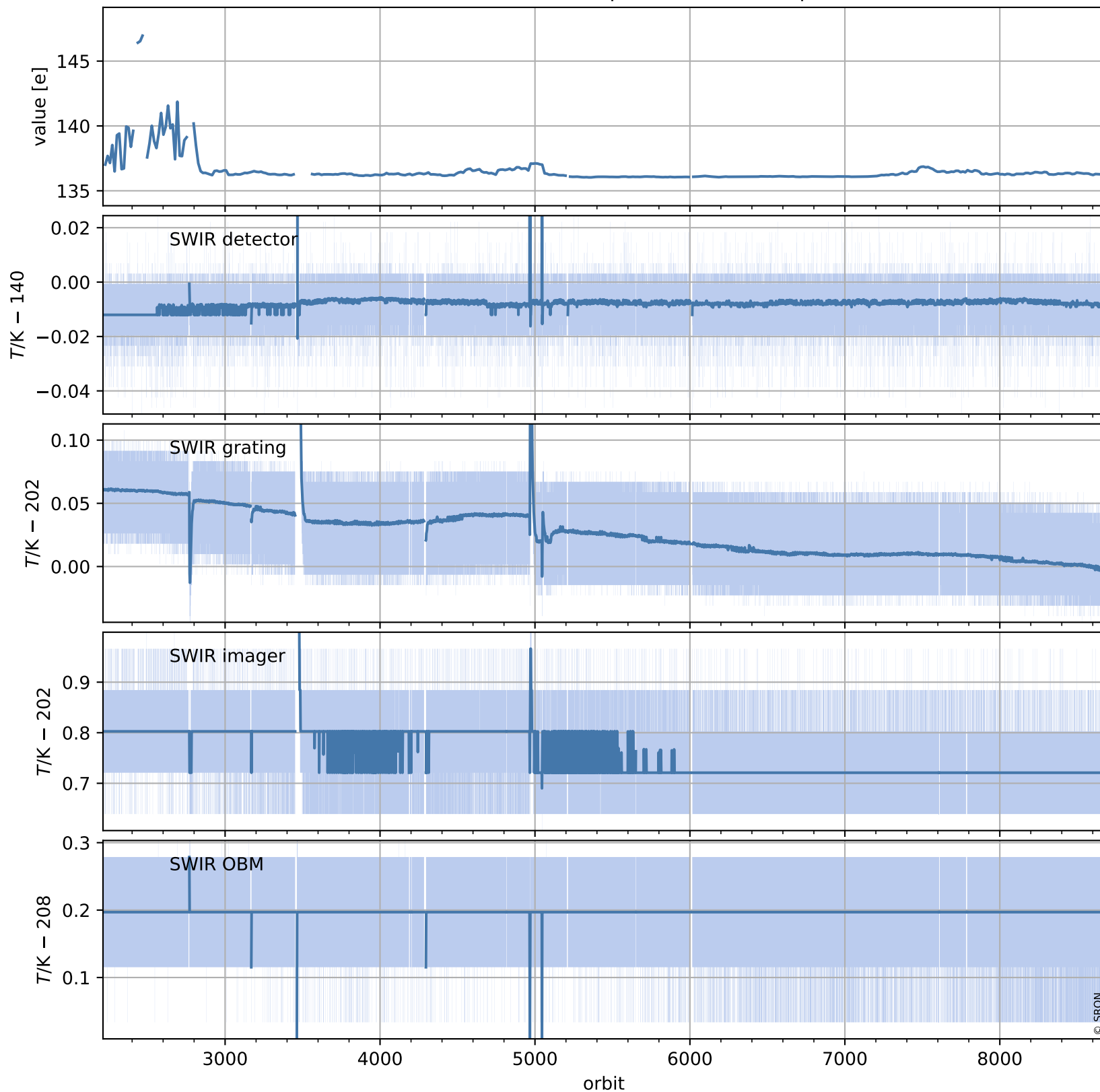
orbits : 13 in [8587, 8677]
coverage : 2019-06-10 / 2019-06-17
created : 2023-08-21T14:58:17



Tropomi SWIR background noise (swir)

orbits : [2212, 8677]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:17

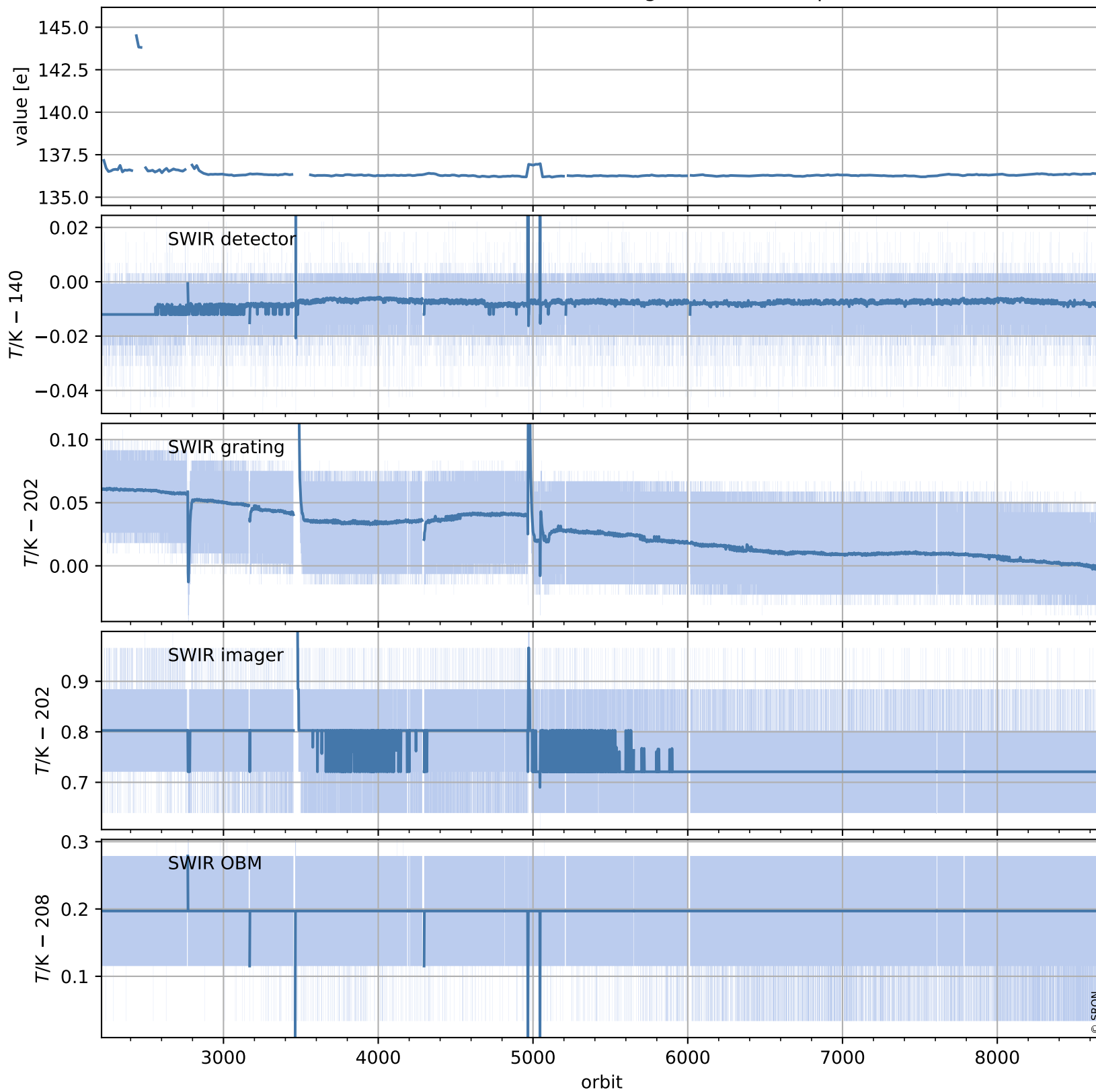
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8677]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8677]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:19

trend of normalized read-noise & temperatures

