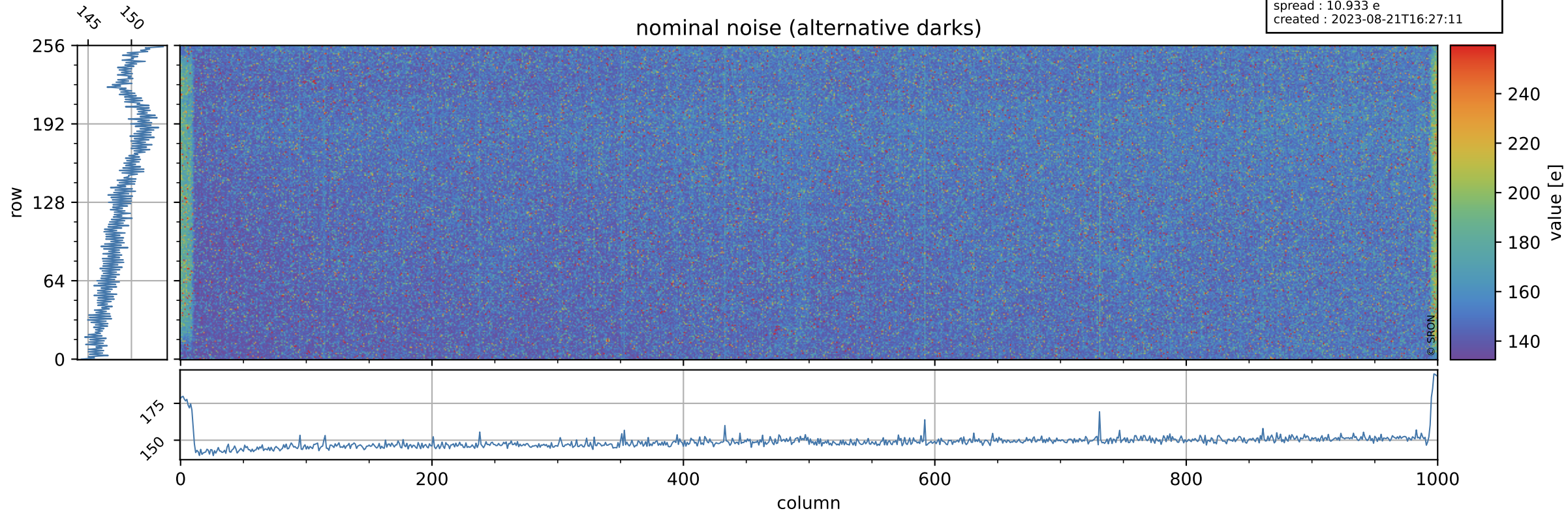


Tropomi SWIR background noise (swir)

orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.933 e
created : 2023-08-21T16:27:11

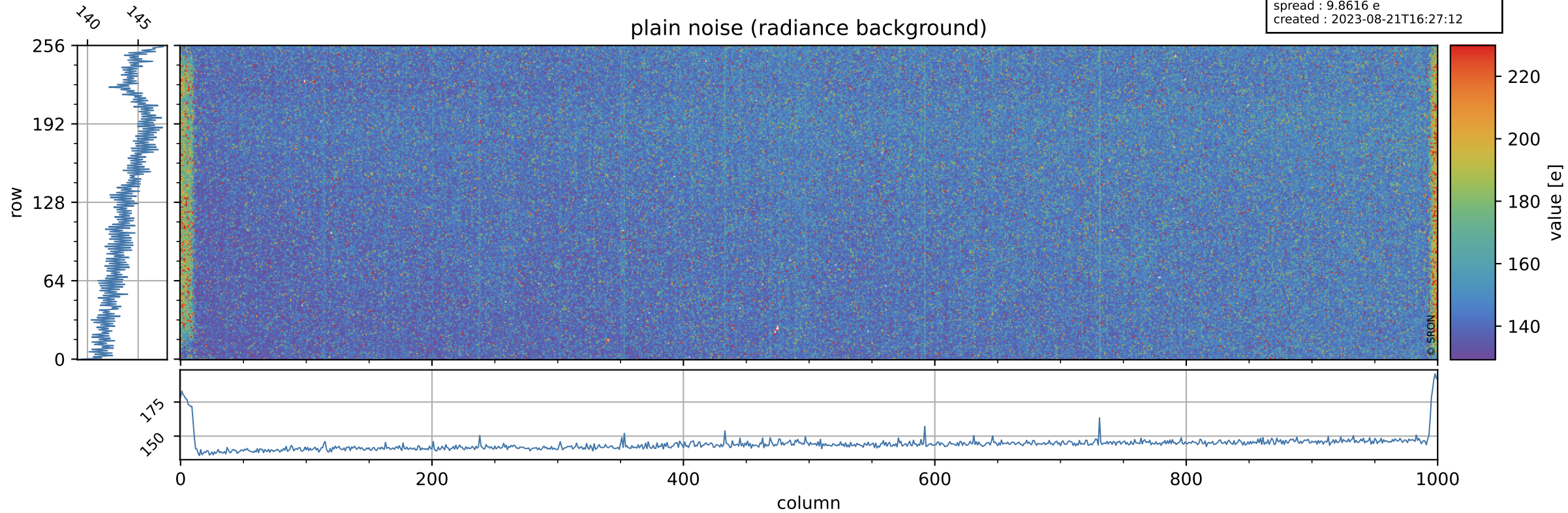
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8616 e
created : 2023-08-21T16:27:12

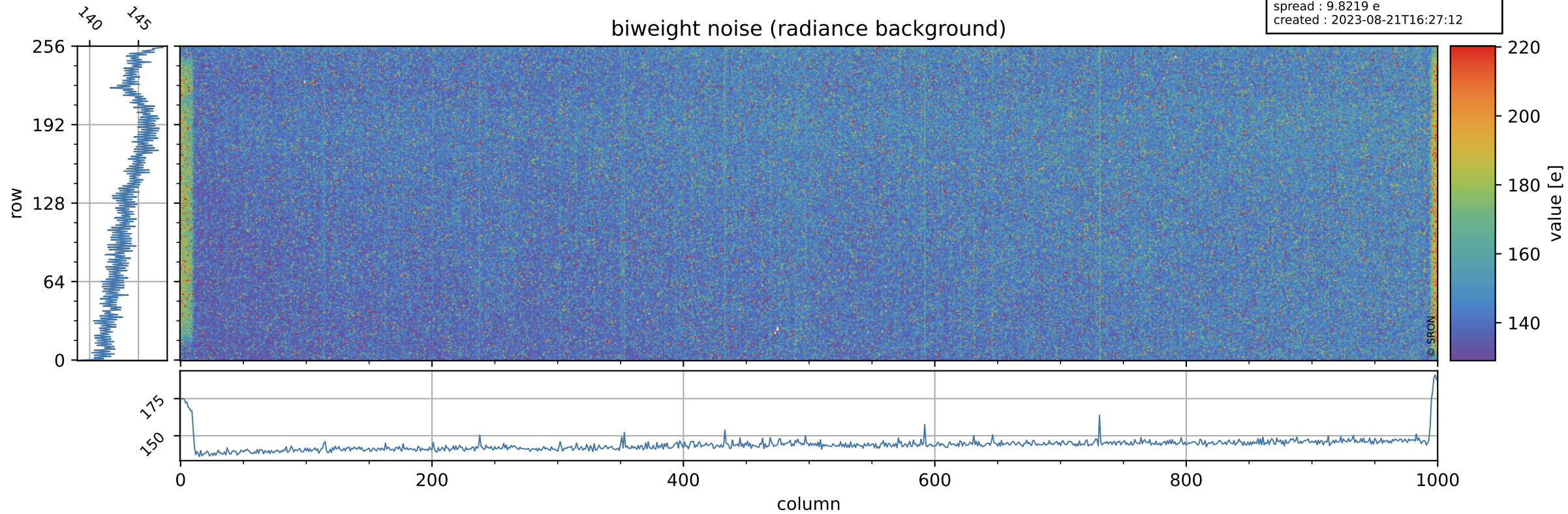
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8219 e
created : 2023-08-21T16:27:12

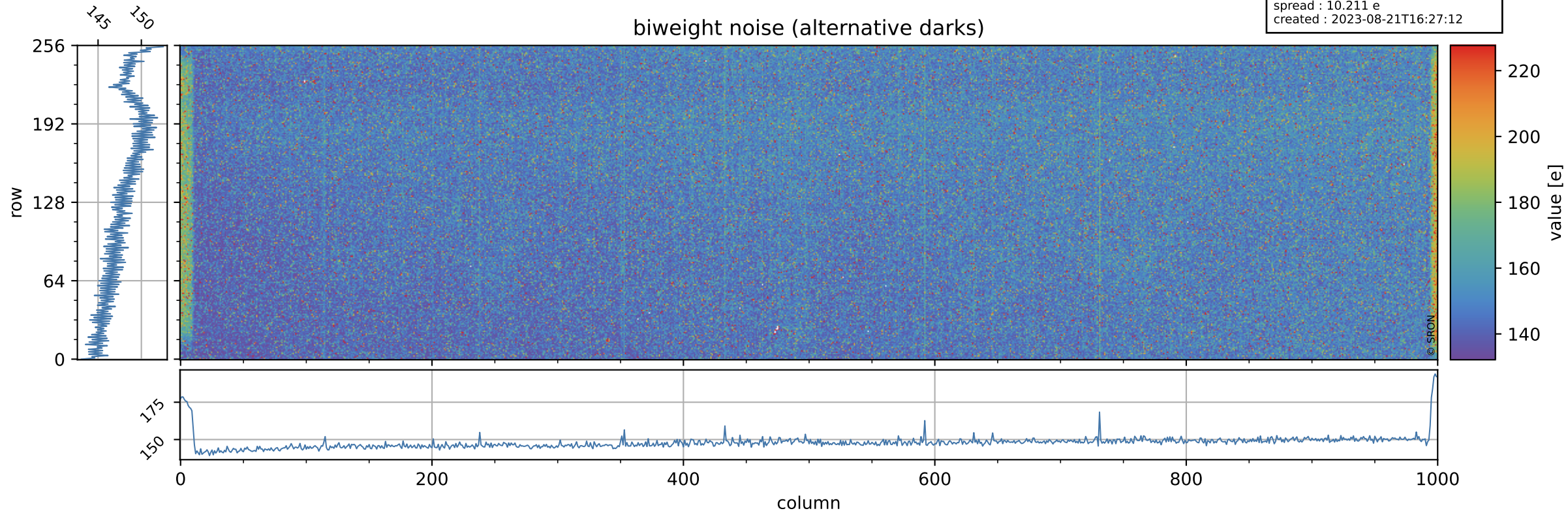
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.211 e
created : 2023-08-21T16:27:12

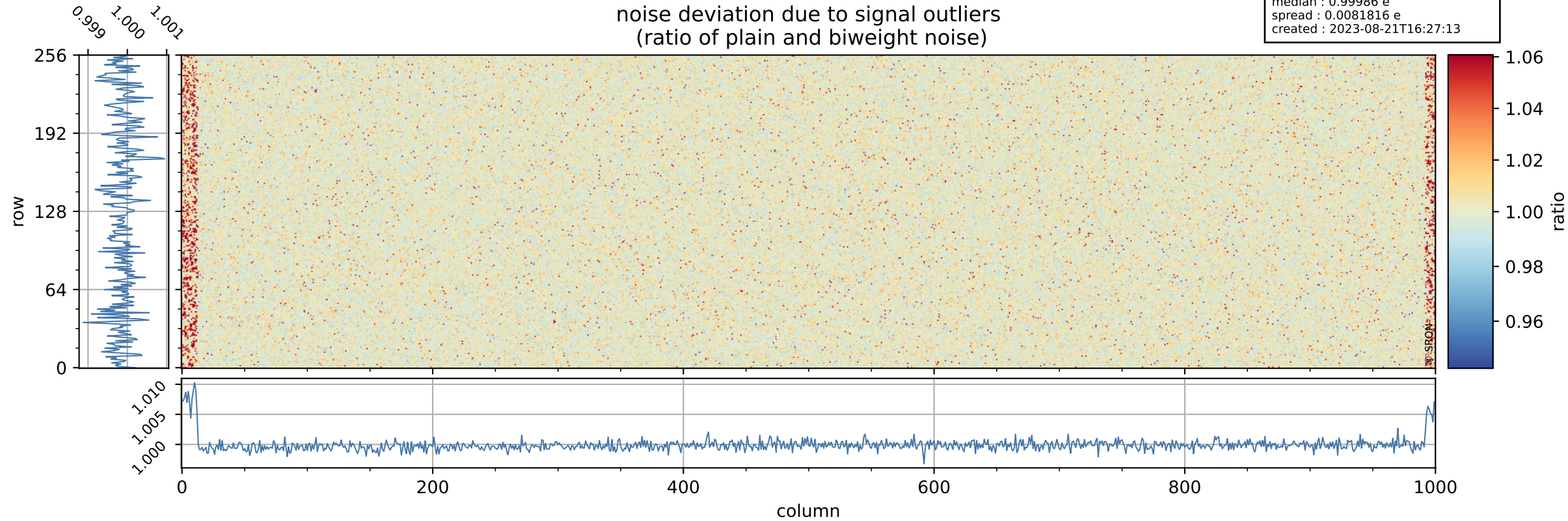
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

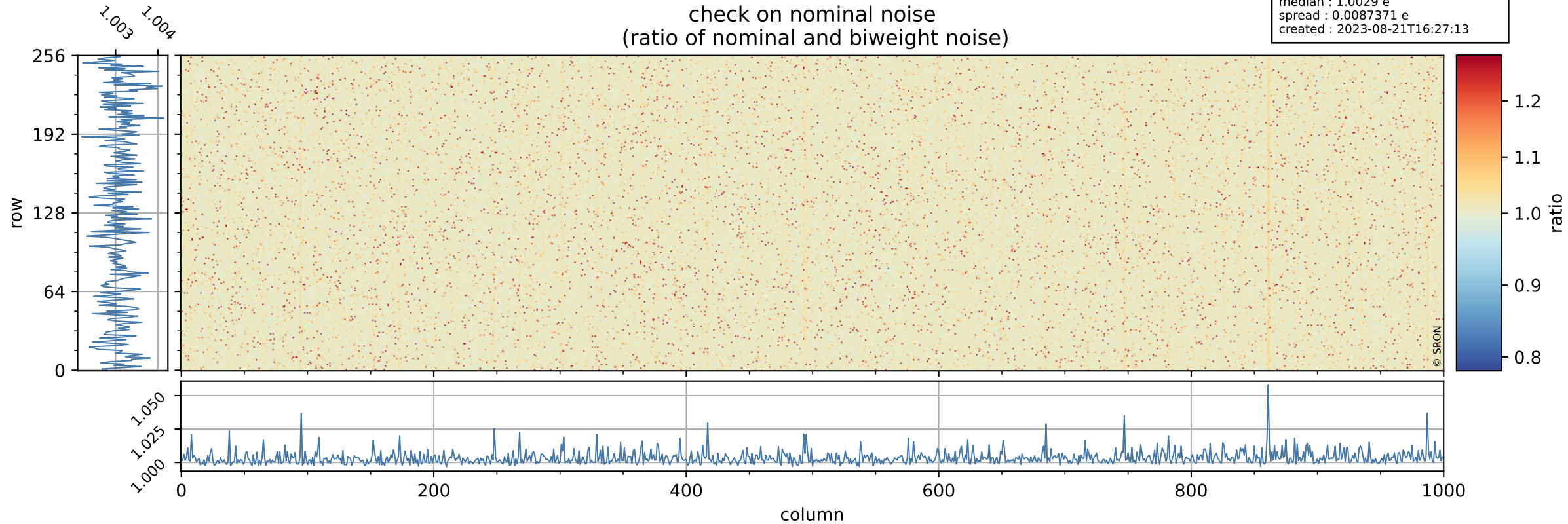
orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
median : 0.99986 e
spread : 0.0081816 e
created : 2023-08-21T16:27:13



Tropomi SWIR background noise (swir)

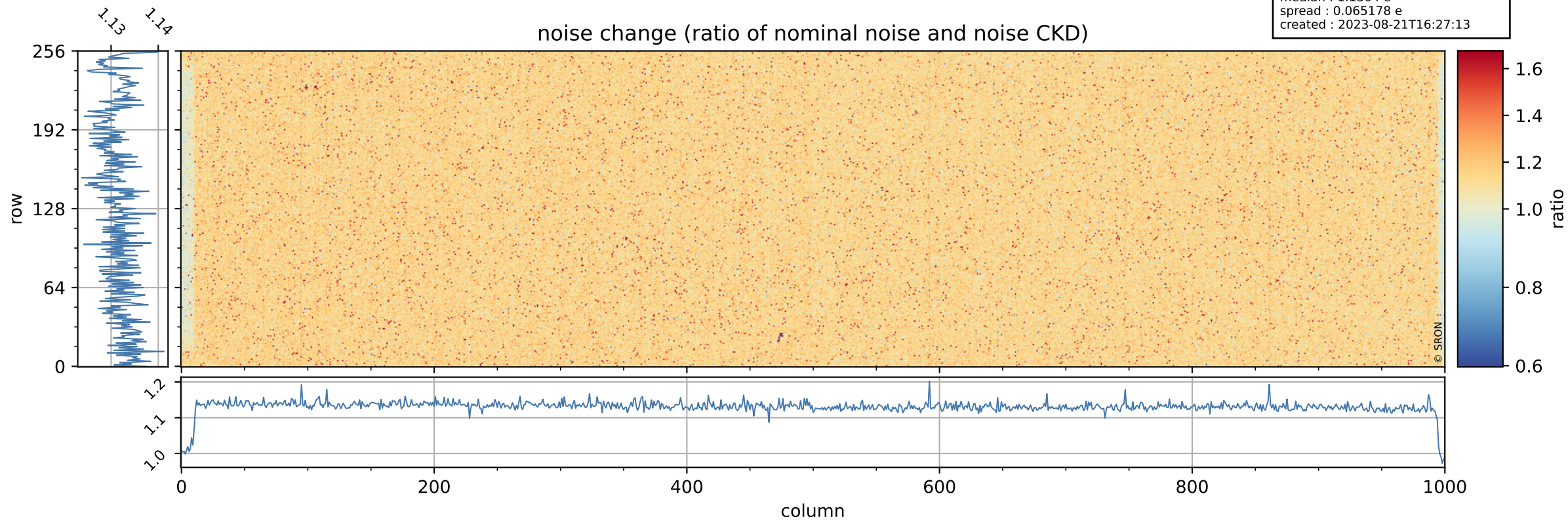
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
median : 1.0029 e
spread : 0.0087371 e
created : 2023-08-21T16:27:13



Tropomi SWIR background noise (swir)

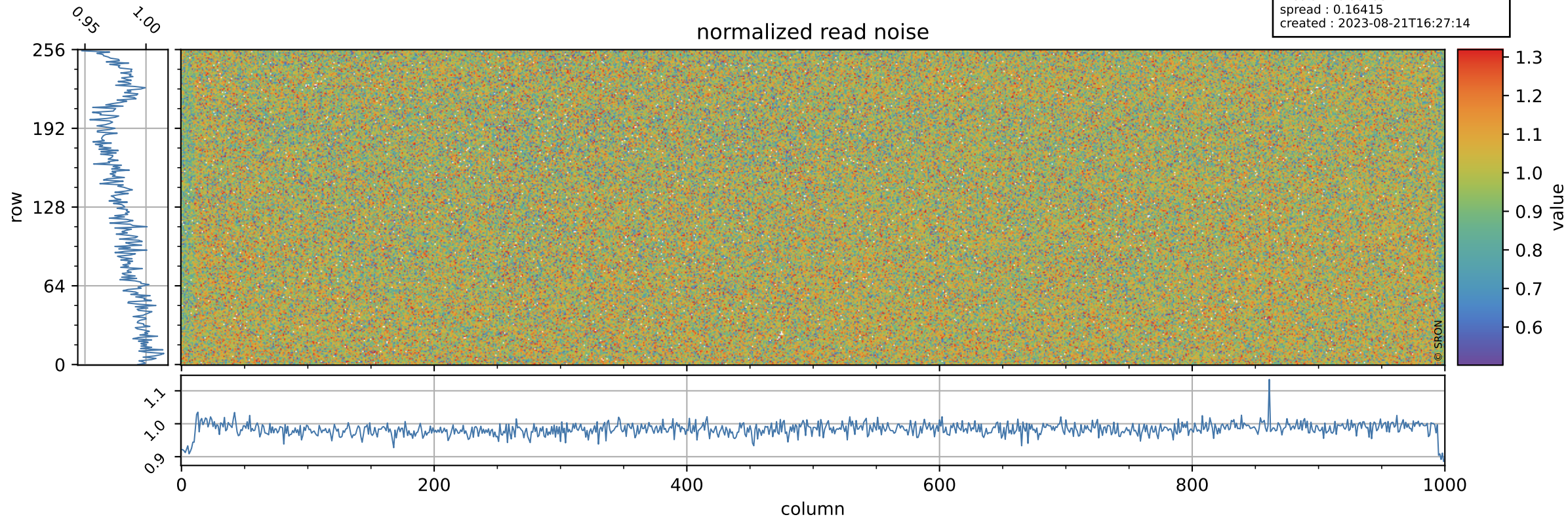
orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
median : 1.1304 e
spread : 0.065178 e
created : 2023-08-21T16:27:13



Tropomi SWIR background noise (swir)

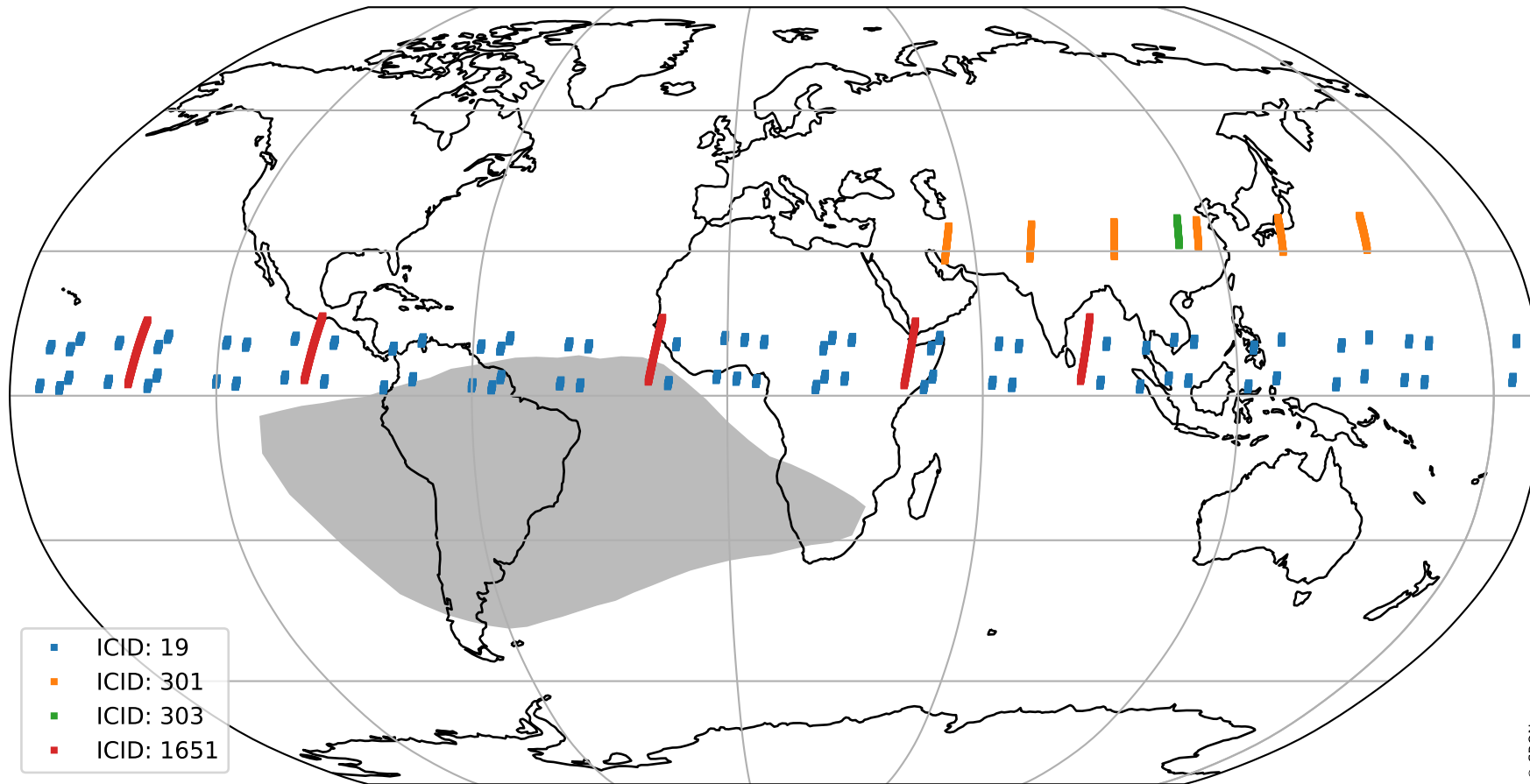
orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
median : 0.98193
spread : 0.16415
created : 2023-08-21T16:27:14

normalized read noise



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

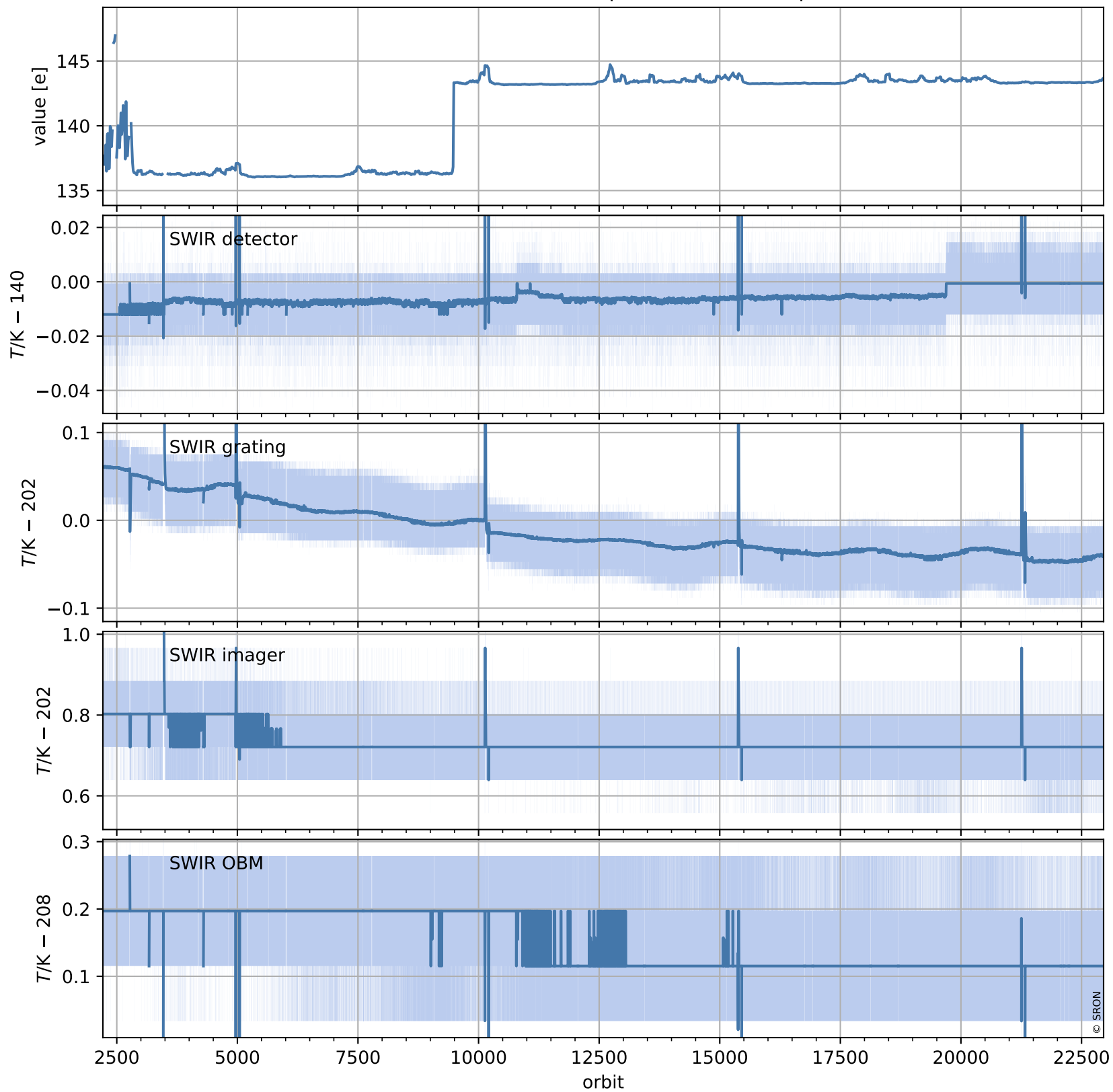
orbits : 12 in [22882, 22957]
coverage : 2022-03-13 / 2022-03-18
created : 2023-08-21T16:27:14



Tropomi SWIR background noise (swir)

orbits : [2212, 22957]
coverage : 2018-03-18 / 2022-03-18
created : 2023-08-21T16:27:14

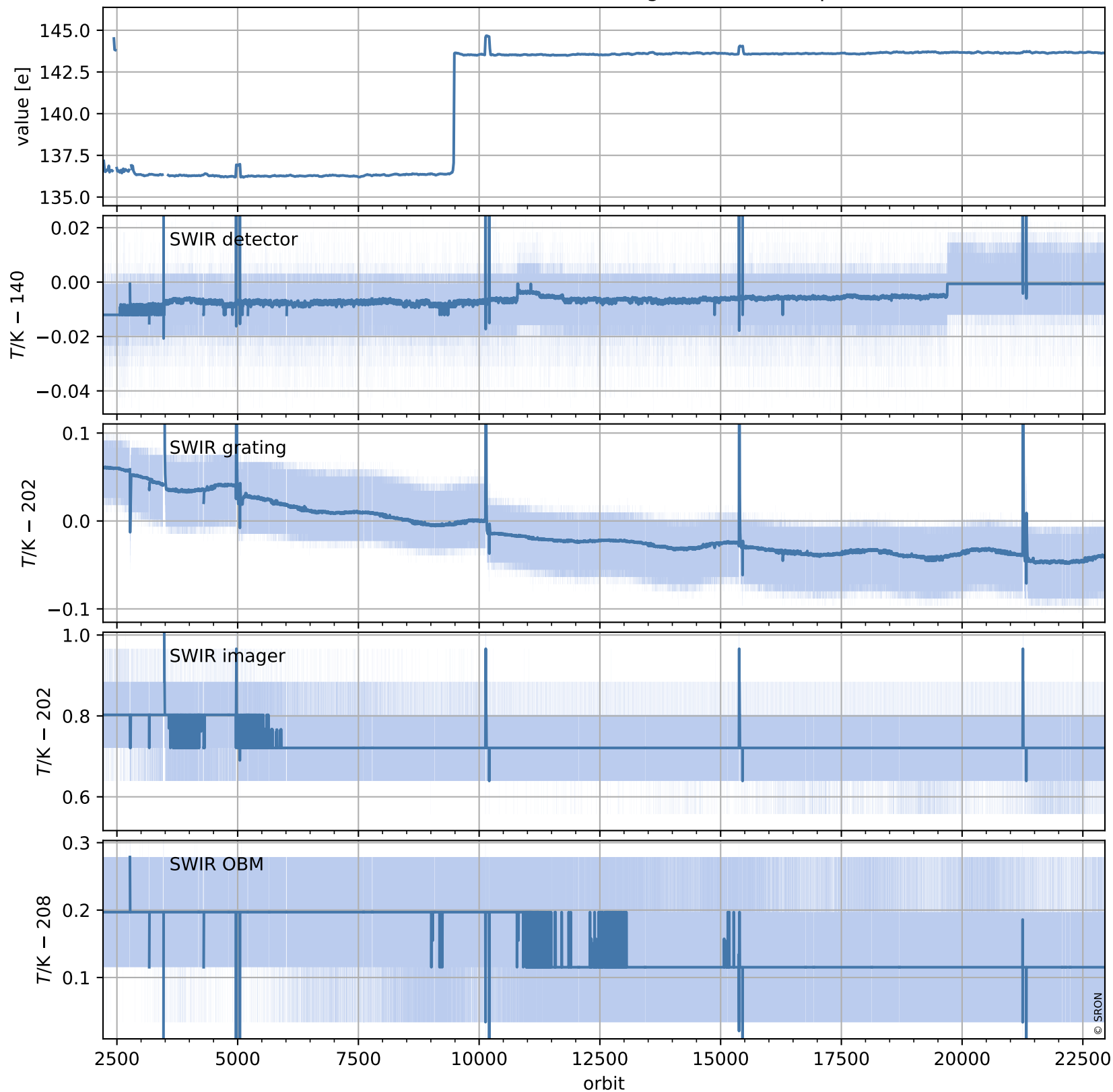
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22957]
coverage : 2018-03-18 / 2022-03-18
created : 2023-08-21T16:27:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22957]
coverage : 2018-03-18 / 2022-03-18
created : 2023-08-21T16:27:16

trend of normalized read-noise & temperatures

