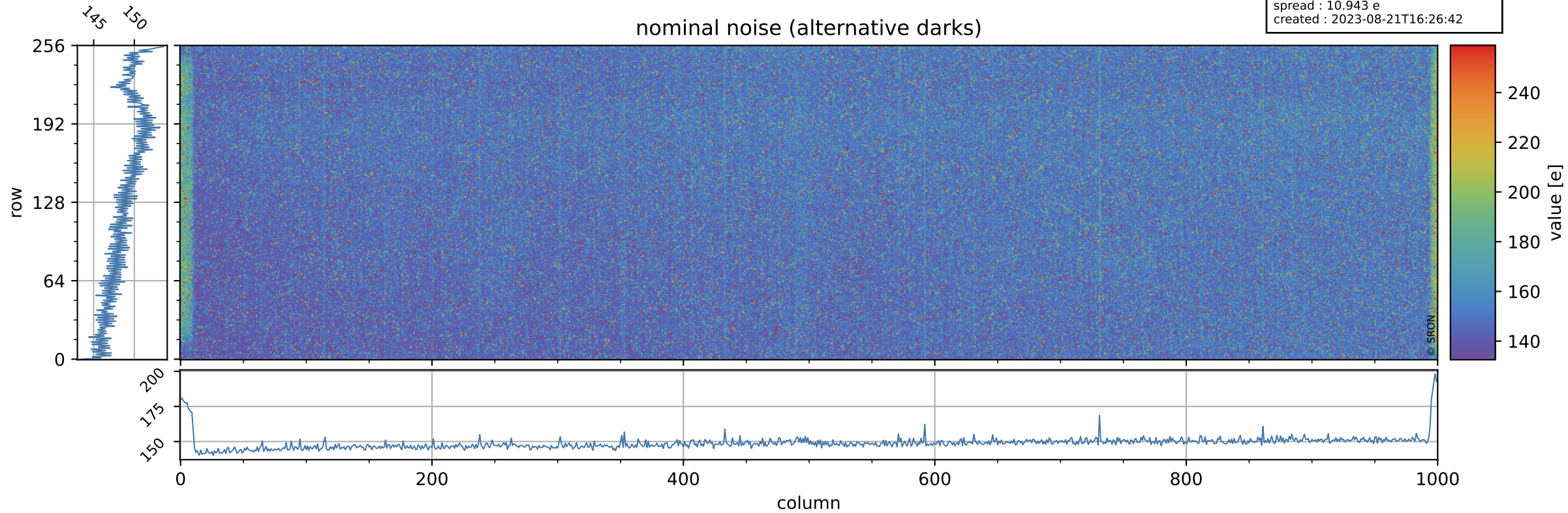


Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.943 e
created : 2023-08-21T16:26:42

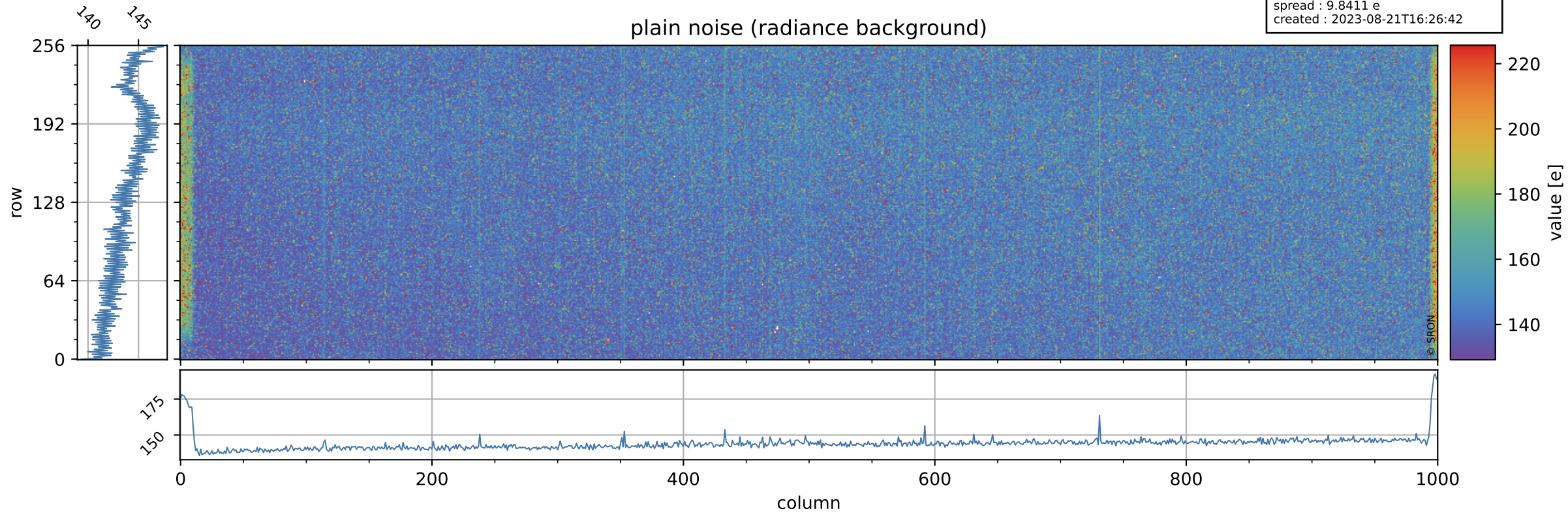
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.8411 e
created : 2023-08-21T16:26:42

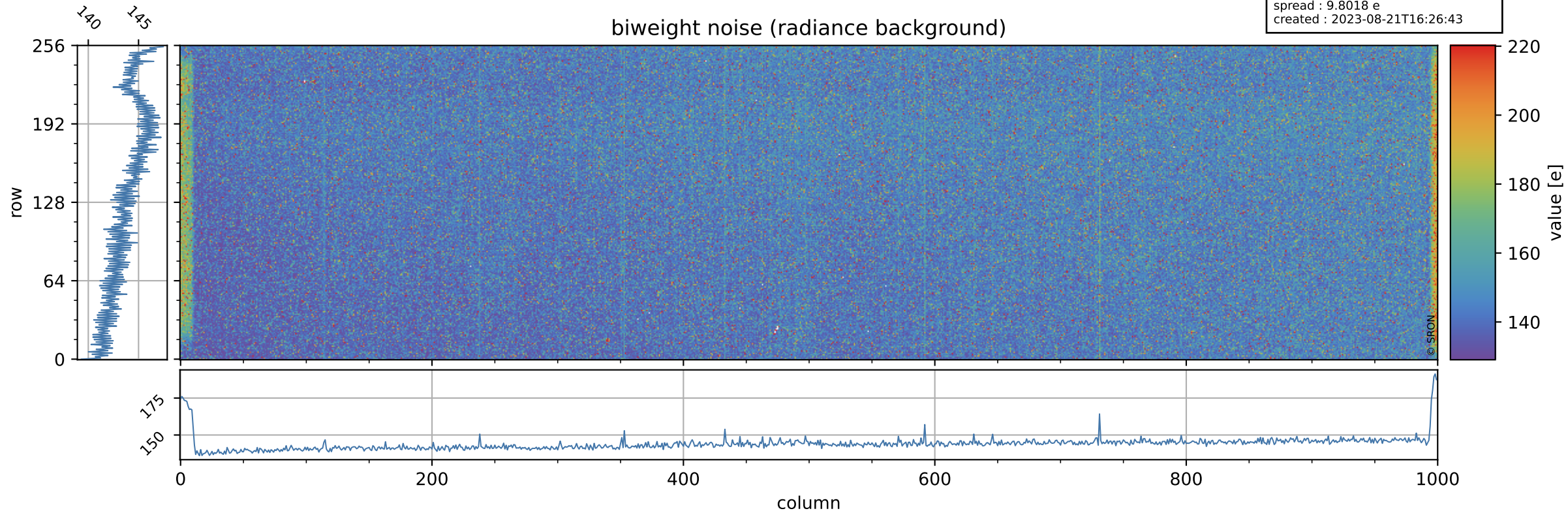
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8018 e
created : 2023-08-21T16:26:43

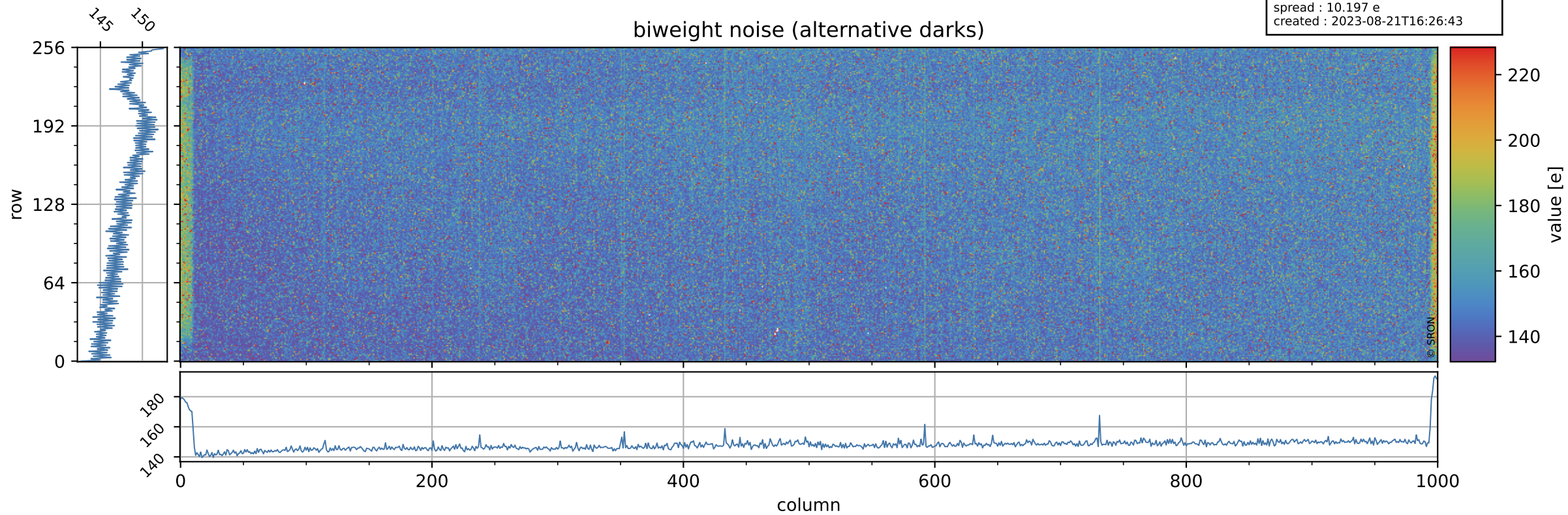
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.197 e
created : 2023-08-21T16:26:43

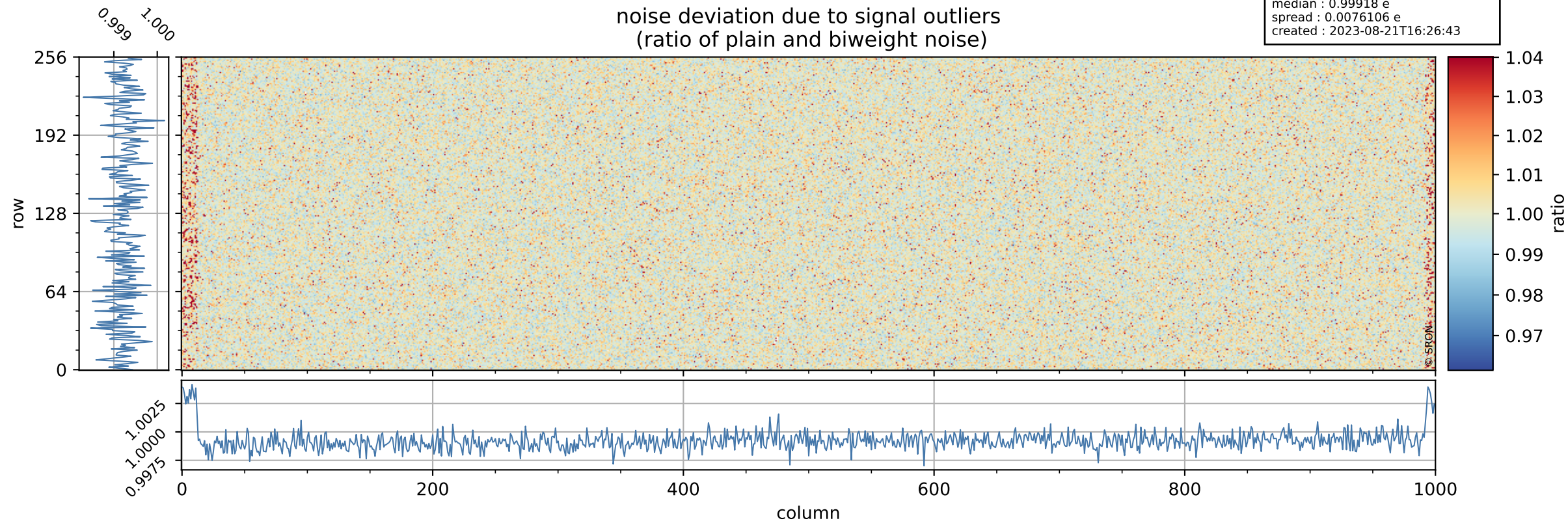
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

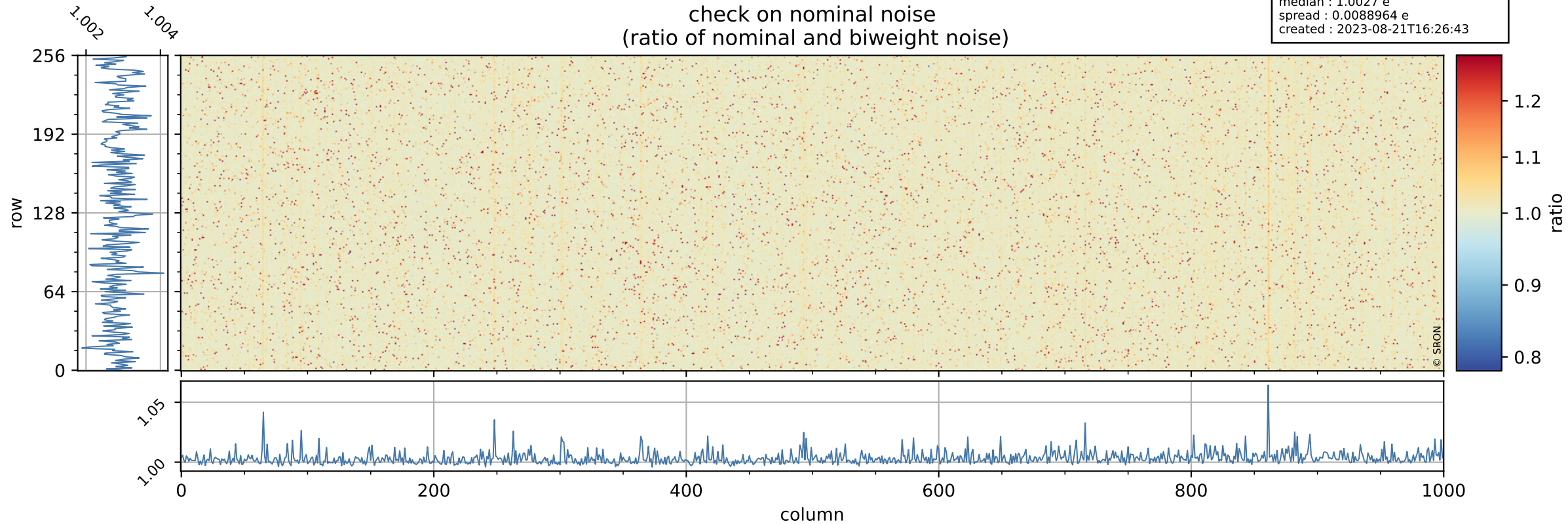
orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
median : 0.99918 e
spread : 0.0076106 e
created : 2023-08-21T16:26:43



Tropomi SWIR background noise (swir)

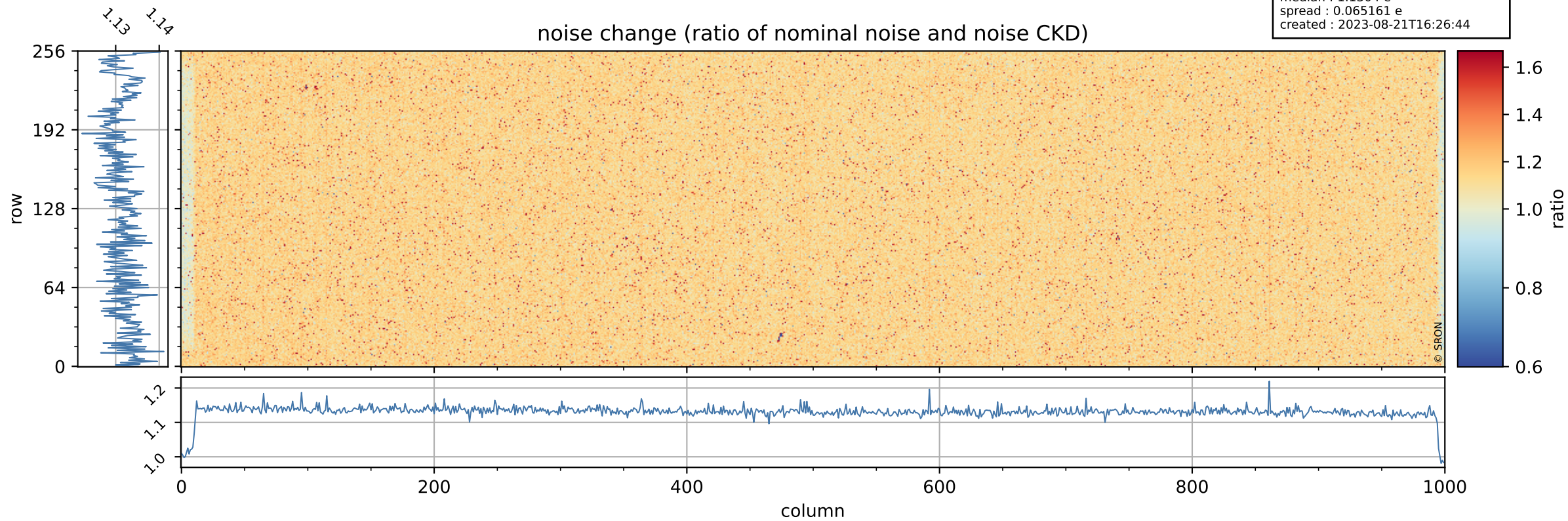
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
median : 1.0027 e
spread : 0.0088964 e
created : 2023-08-21T16:26:43



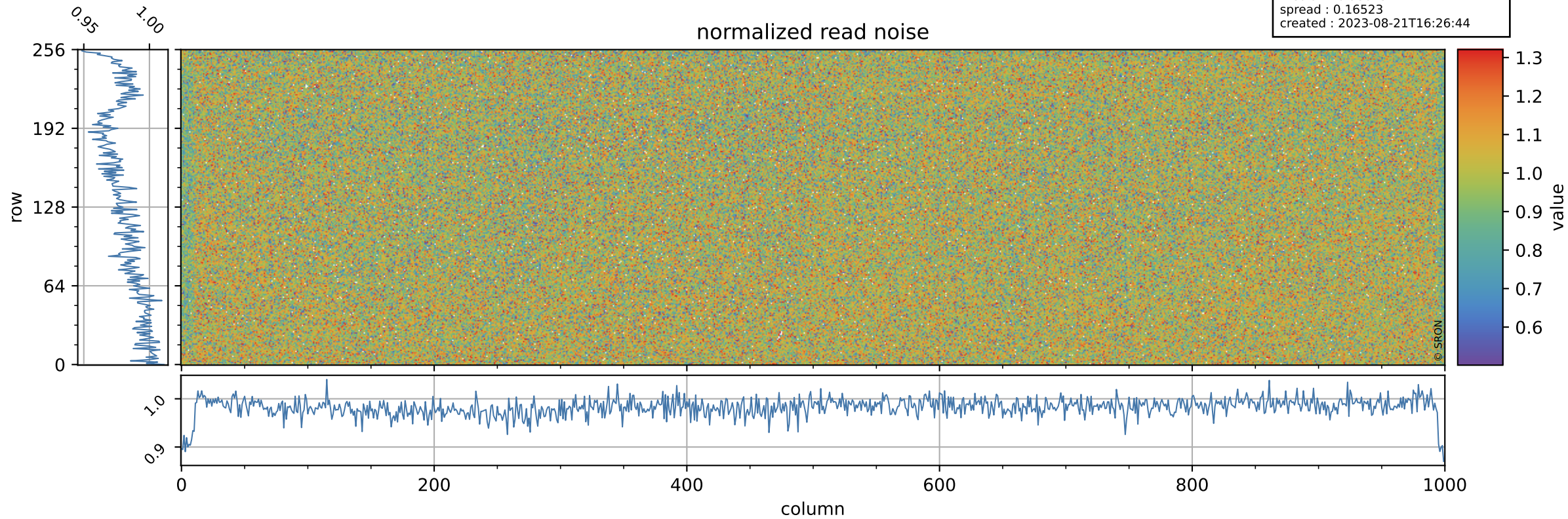
Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
median : 1.1304 e
spread : 0.065161 e
created : 2023-08-21T16:26:44



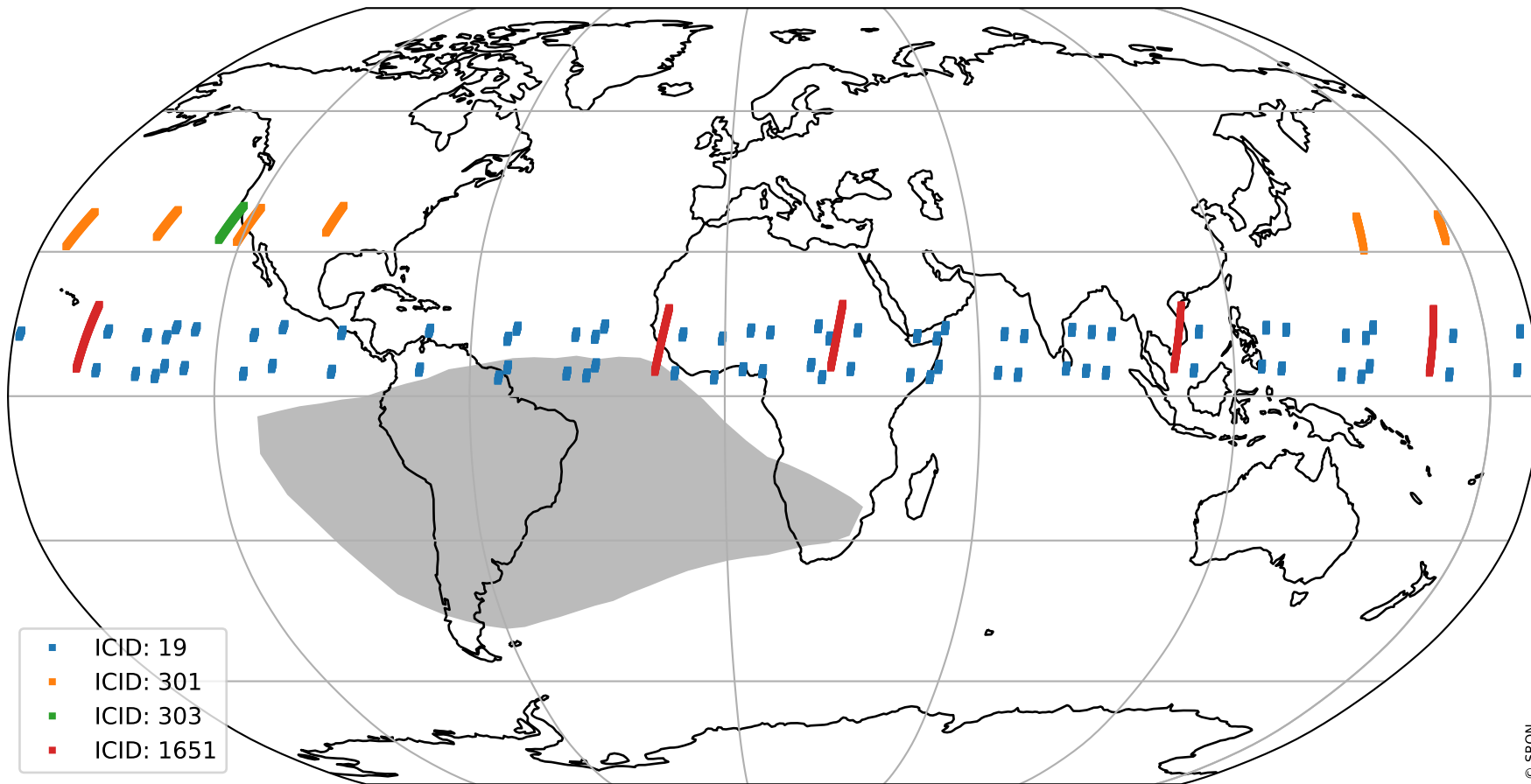
Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
median : 0.98075
spread : 0.16523
created : 2023-08-21T16:26:44



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

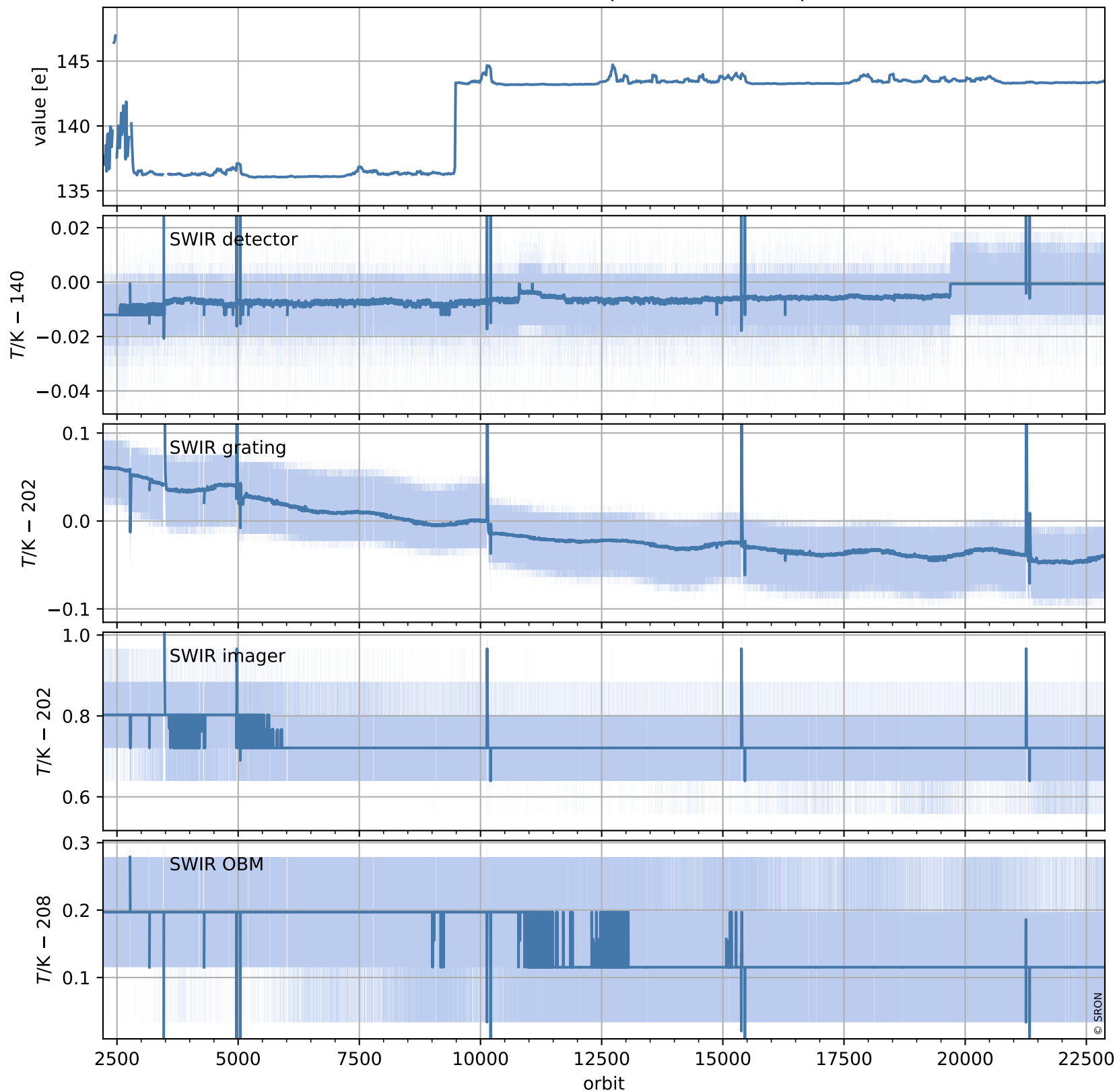
orbits : 12 in [22807, 22882]
coverage : 2022-03-08 / 2022-03-13
created : 2023-08-21T16:26:44



Tropomi SWIR background noise (swir)

orbits : [2212, 22882]
coverage : 2018-03-18 / 2022-03-13
created : 2023-08-21T16:26:45

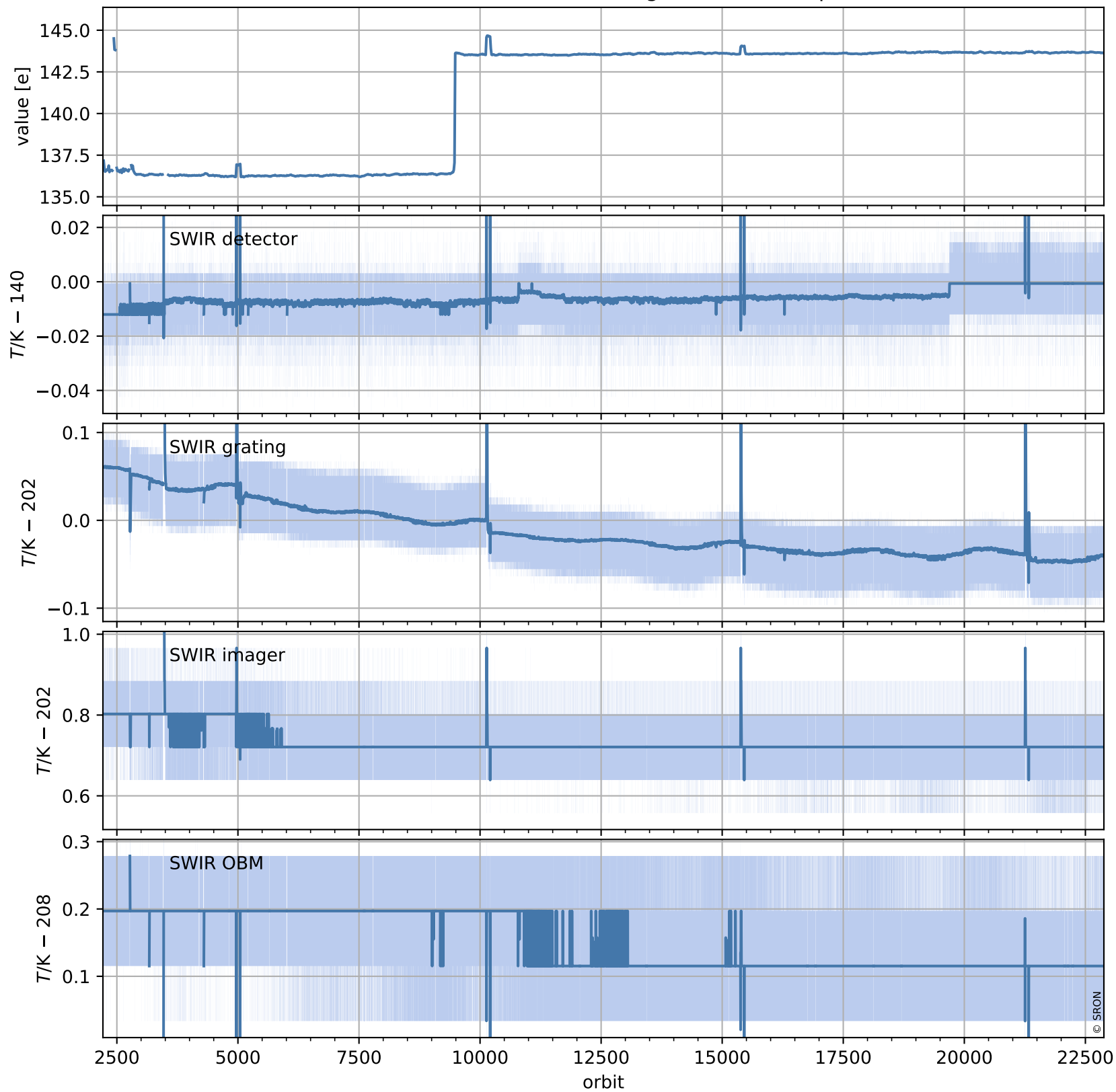
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22882]
coverage : 2018-03-18 / 2022-03-13
created : 2023-08-21T16:26:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22882]
coverage : 2018-03-18 / 2022-03-13
created : 2023-08-21T16:26:47

trend of normalized read-noise & temperatures

