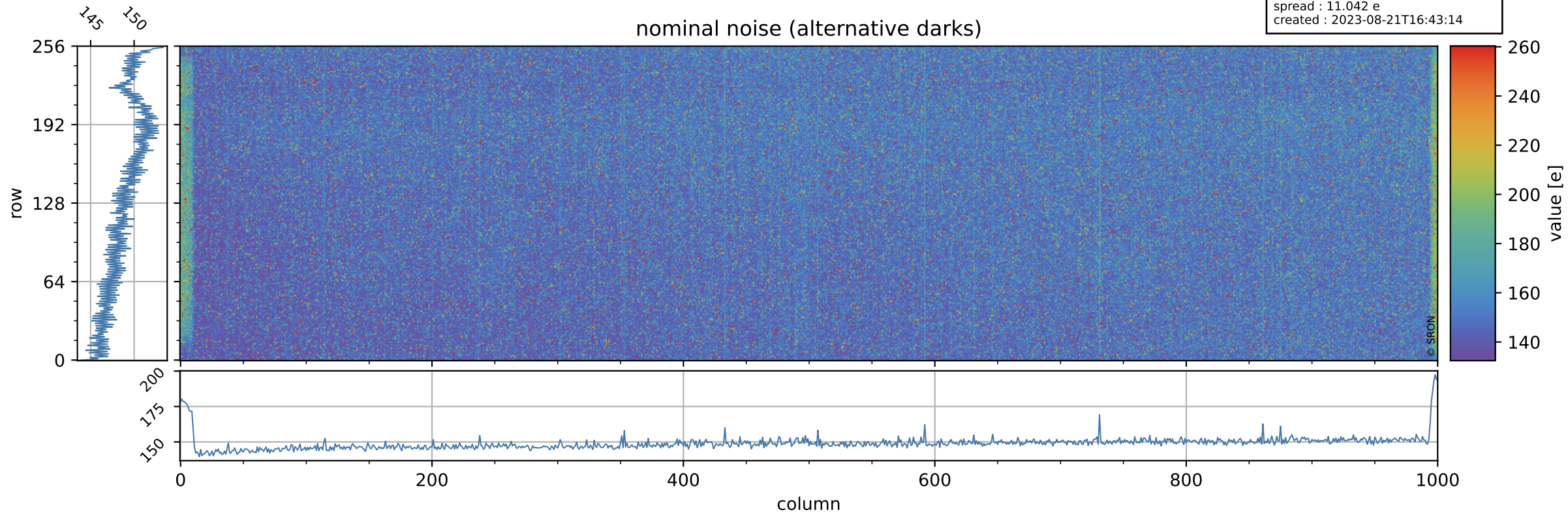


Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.042 e
created : 2023-08-21T16:43:14

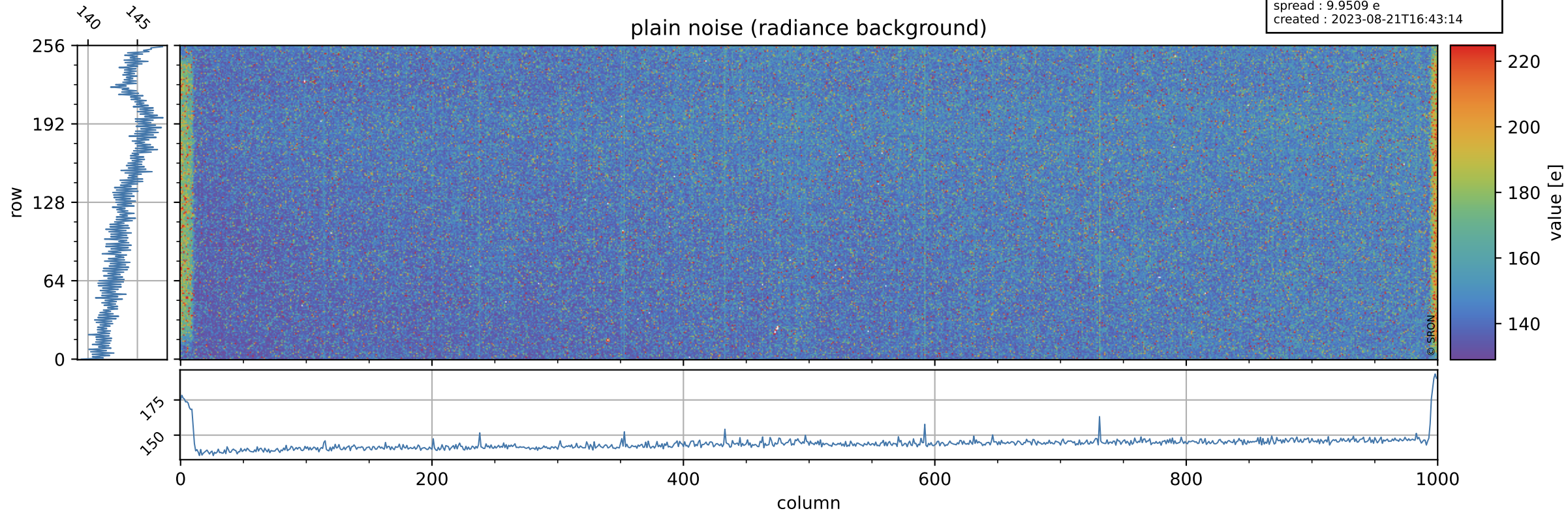
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9509 e
created : 2023-08-21T16:43:14

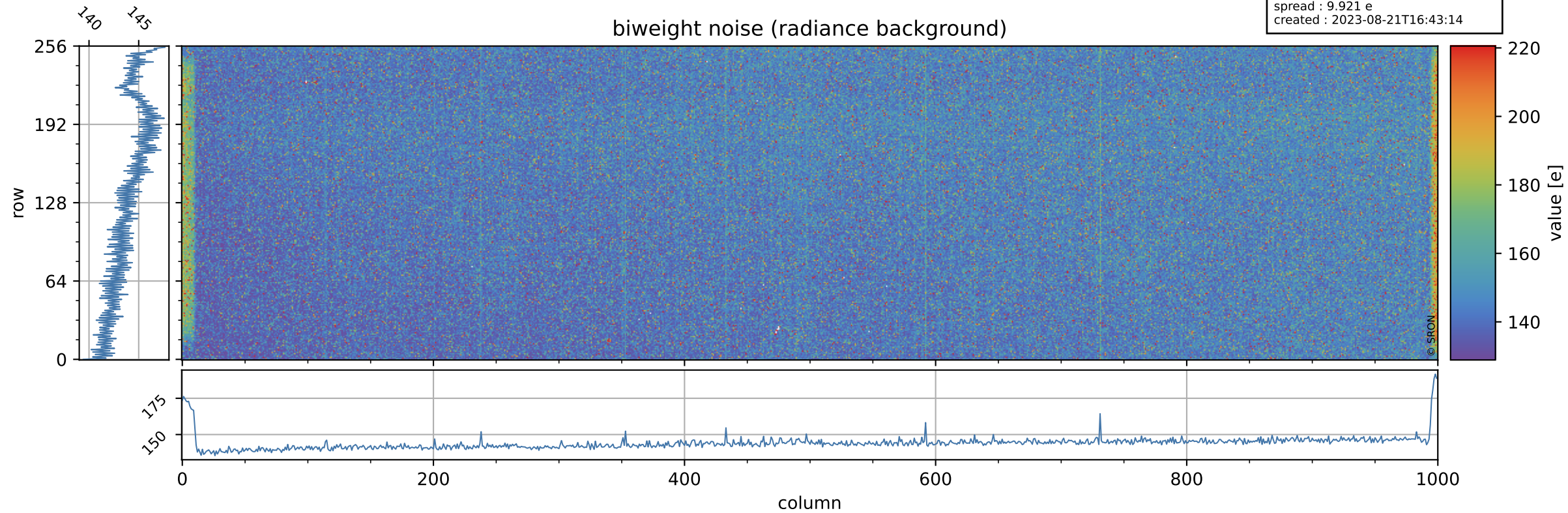
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.921 e
created : 2023-08-21T16:43:14

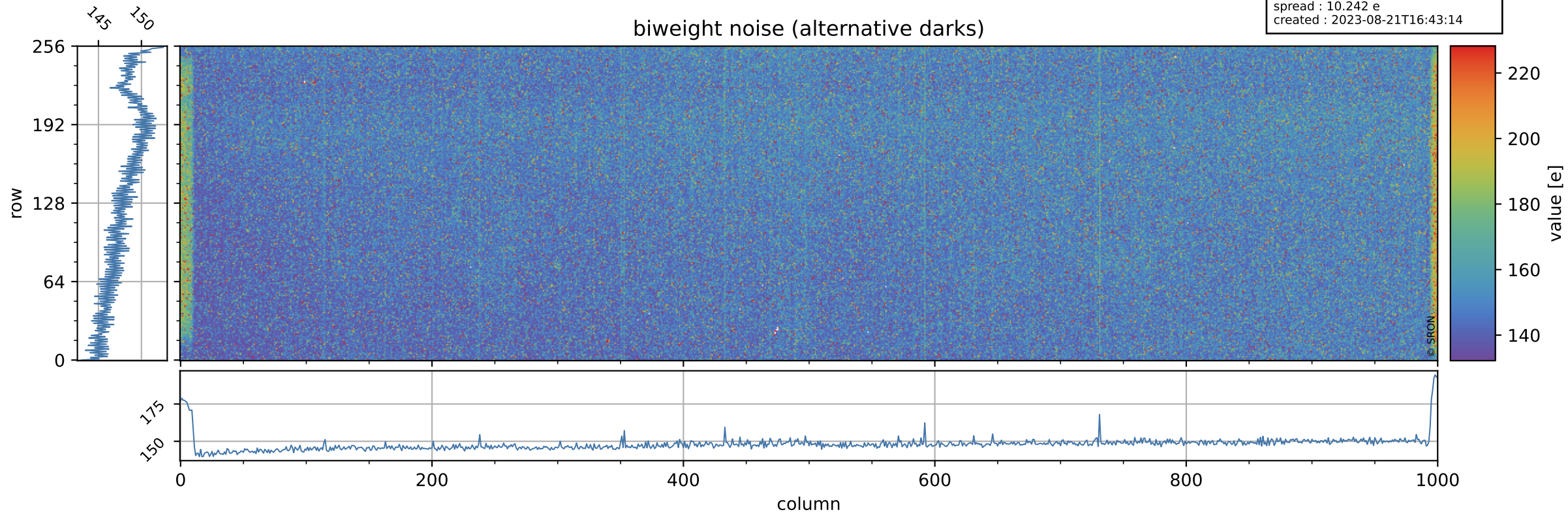
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.242 e
created : 2023-08-21T16:43:14

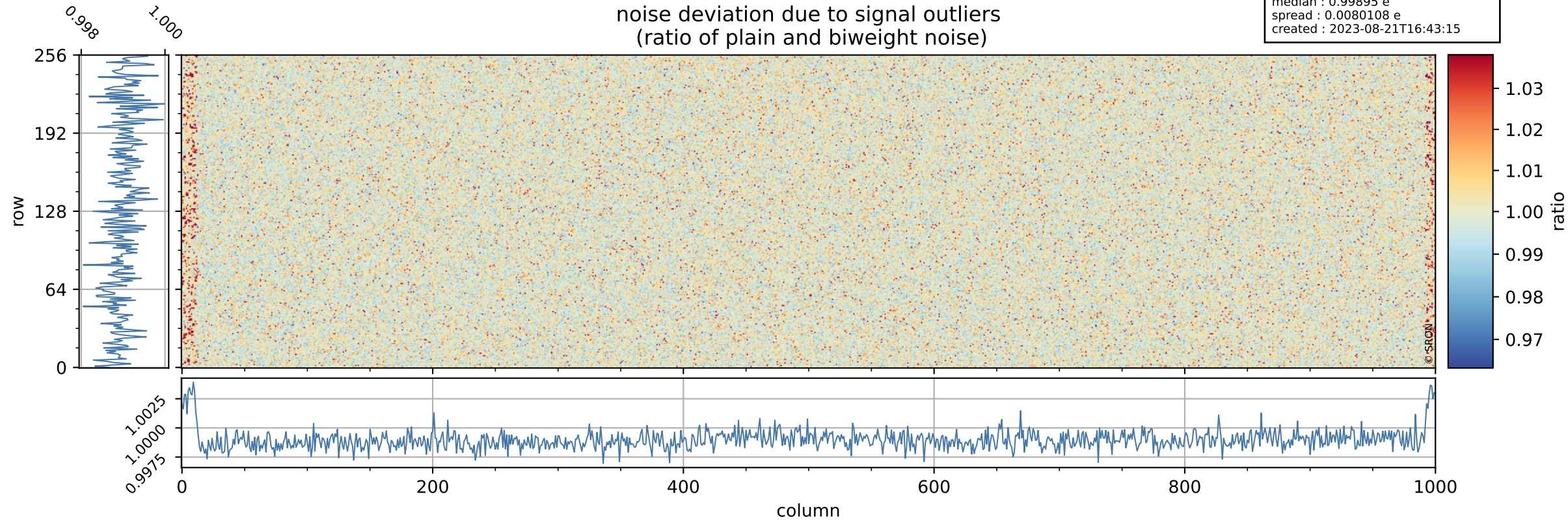
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

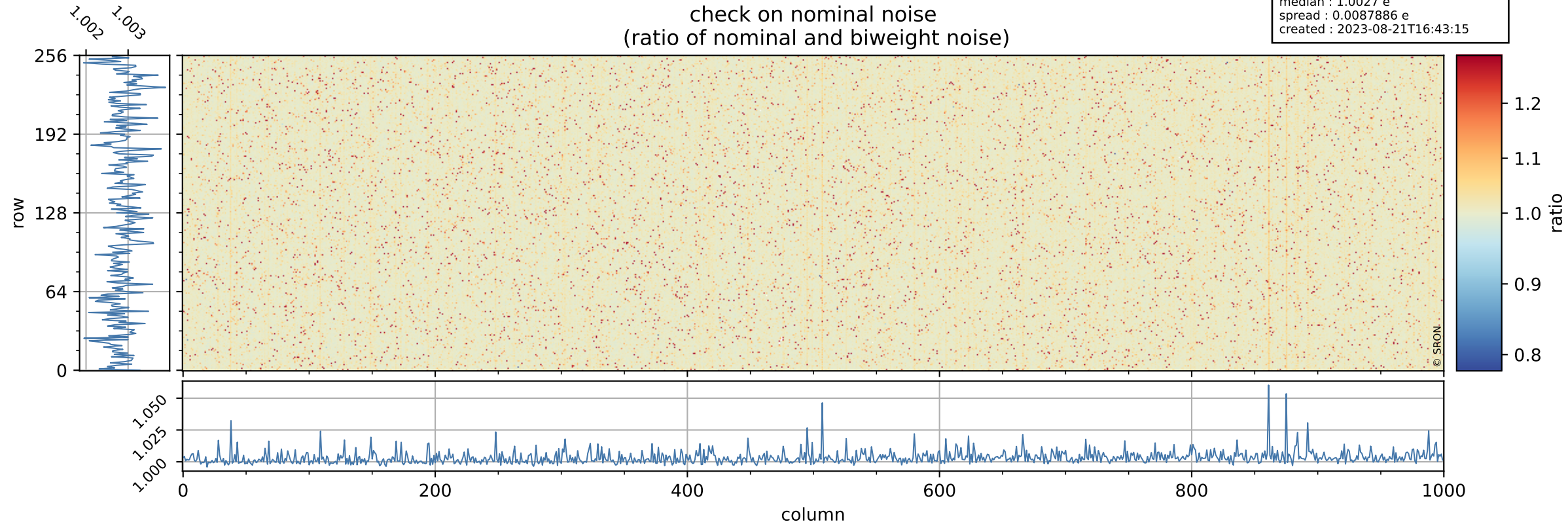
orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
median : 0.99895 e
spread : 0.0080108 e
created : 2023-08-21T16:43:15



Tropomi SWIR background noise (swir)

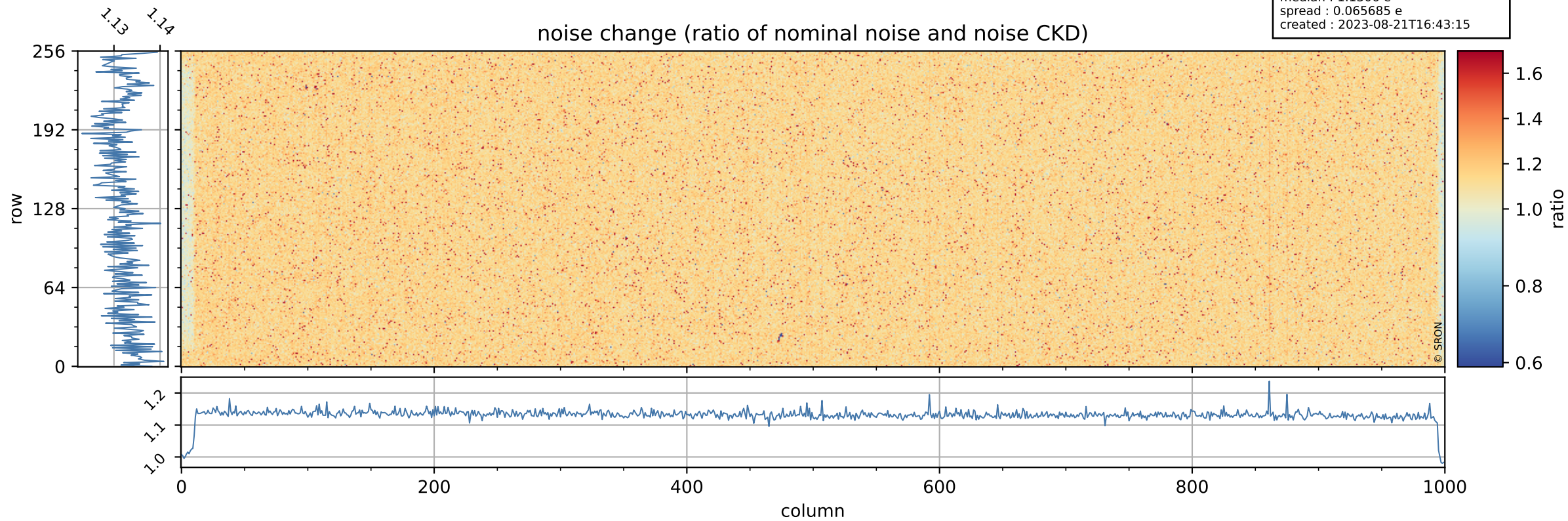
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
median : 1.0027 e
spread : 0.0087886 e
created : 2023-08-21T16:43:15



Tropomi SWIR background noise (swir)

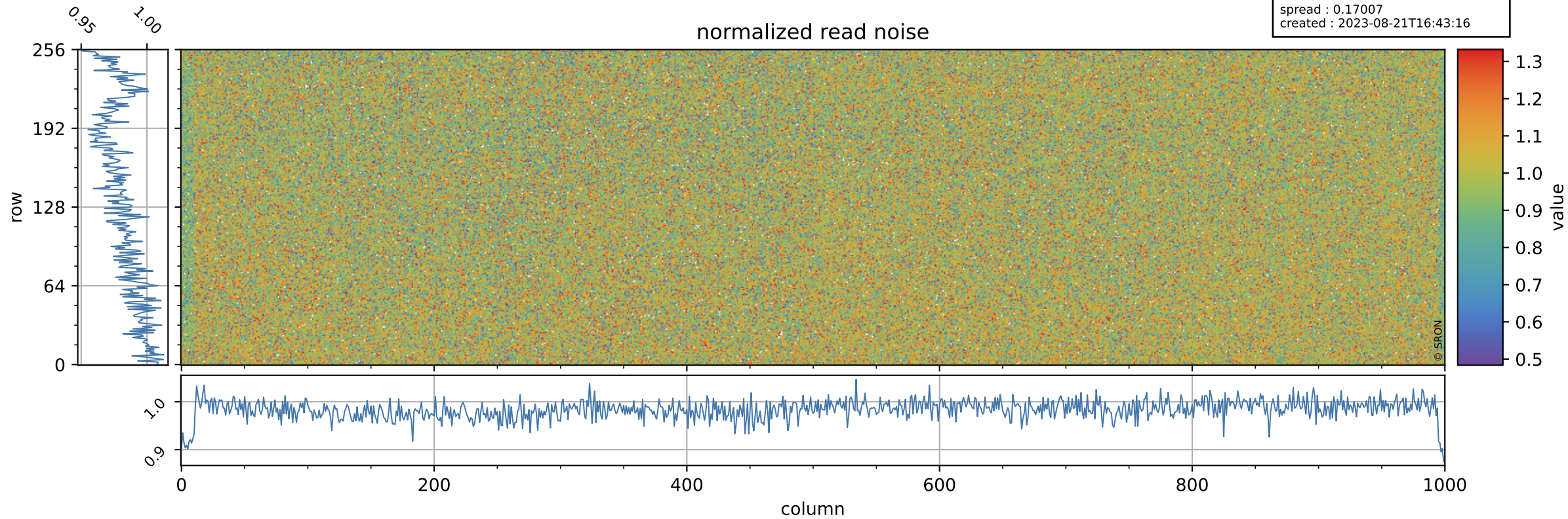
orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
median : 1.1306 e
spread : 0.065685 e
created : 2023-08-21T16:43:15



Tropomi SWIR background noise (swir)

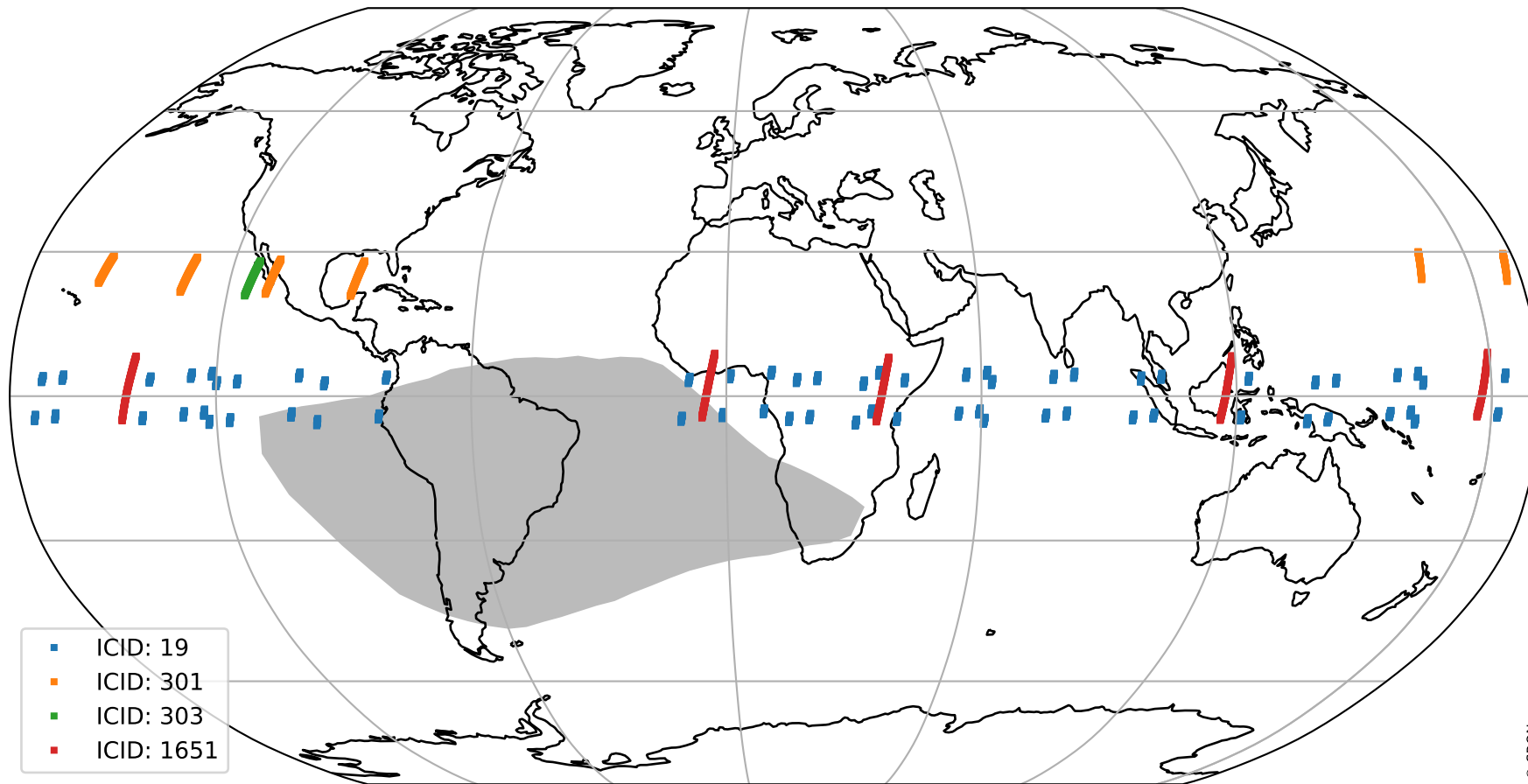
orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
median : 0.98174
spread : 0.17007
created : 2023-08-21T16:43:16

normalized read noise



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

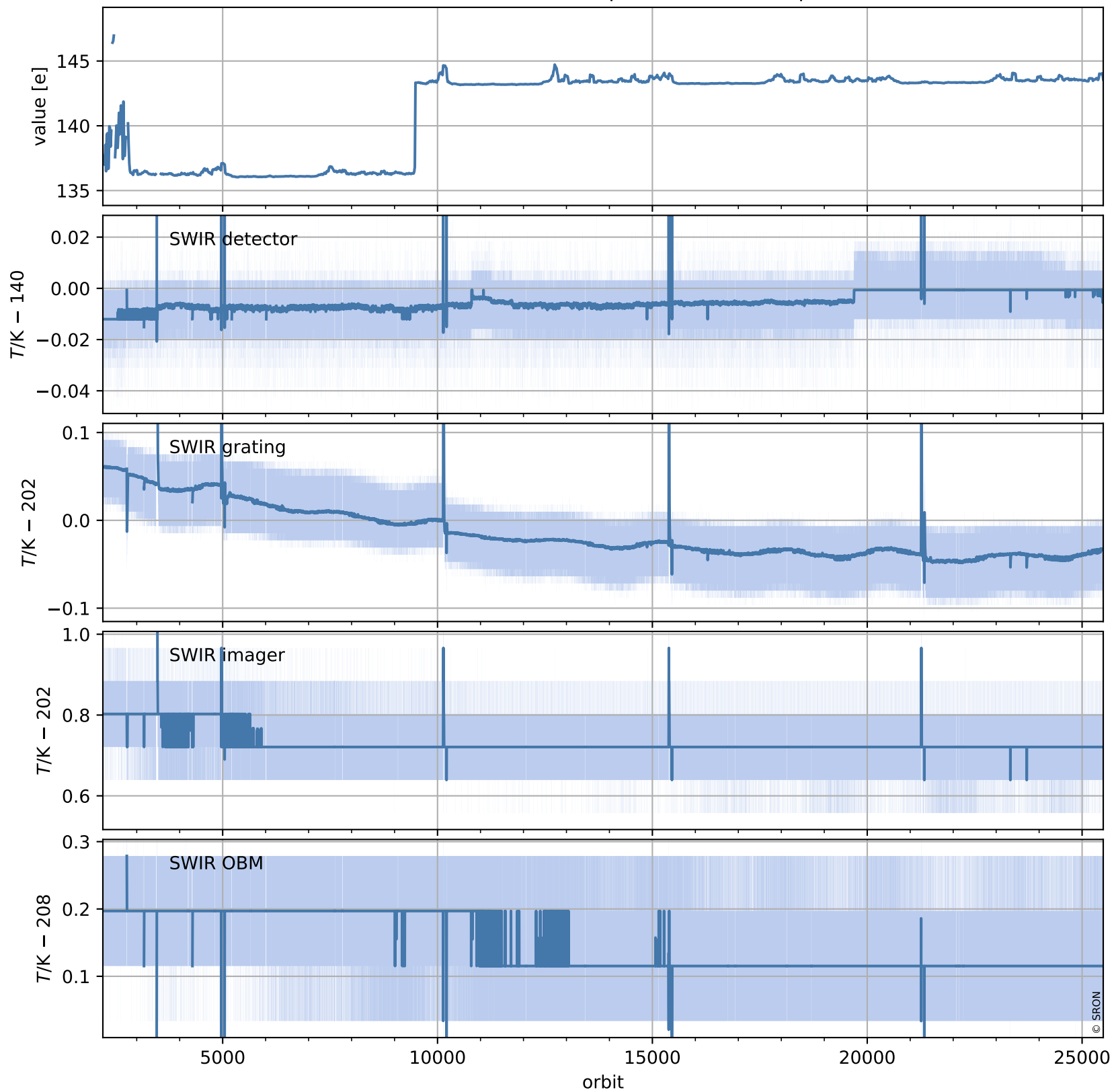
orbits : 12 in [25417, 25492]
coverage : 2022-09-08 / 2022-09-13
created : 2023-08-21T16:43:16



Tropomi SWIR background noise (swir)

orbits : [2212, 25492]
coverage : 2018-03-18 / 2022-09-13
created : 2023-08-21T16:43:16

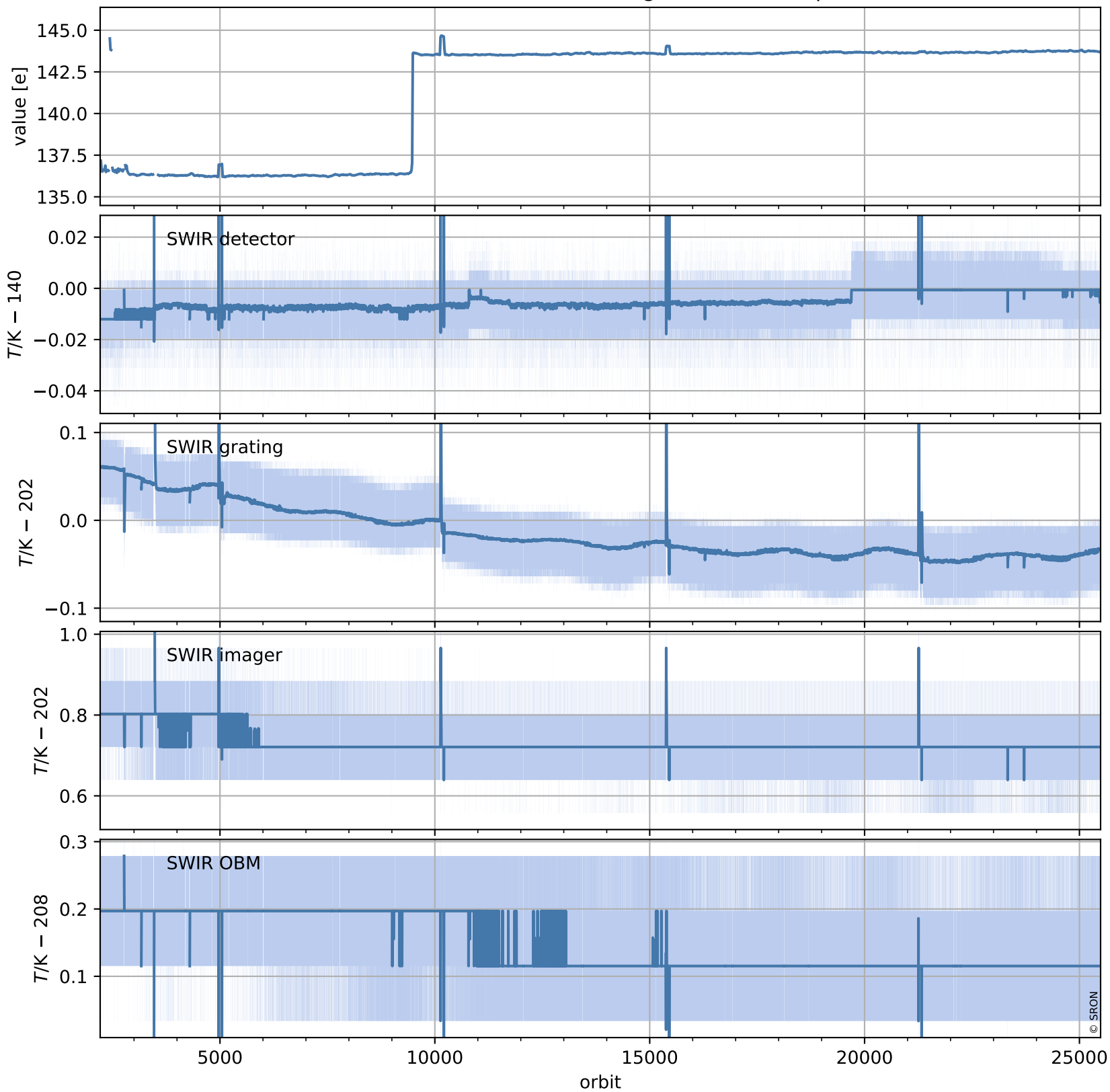
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25492]
coverage : 2018-03-18 / 2022-09-13
created : 2023-08-21T16:43:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25492]
coverage : 2018-03-18 / 2022-09-13
created : 2023-08-21T16:43:18

trend of normalized read-noise & temperatures

