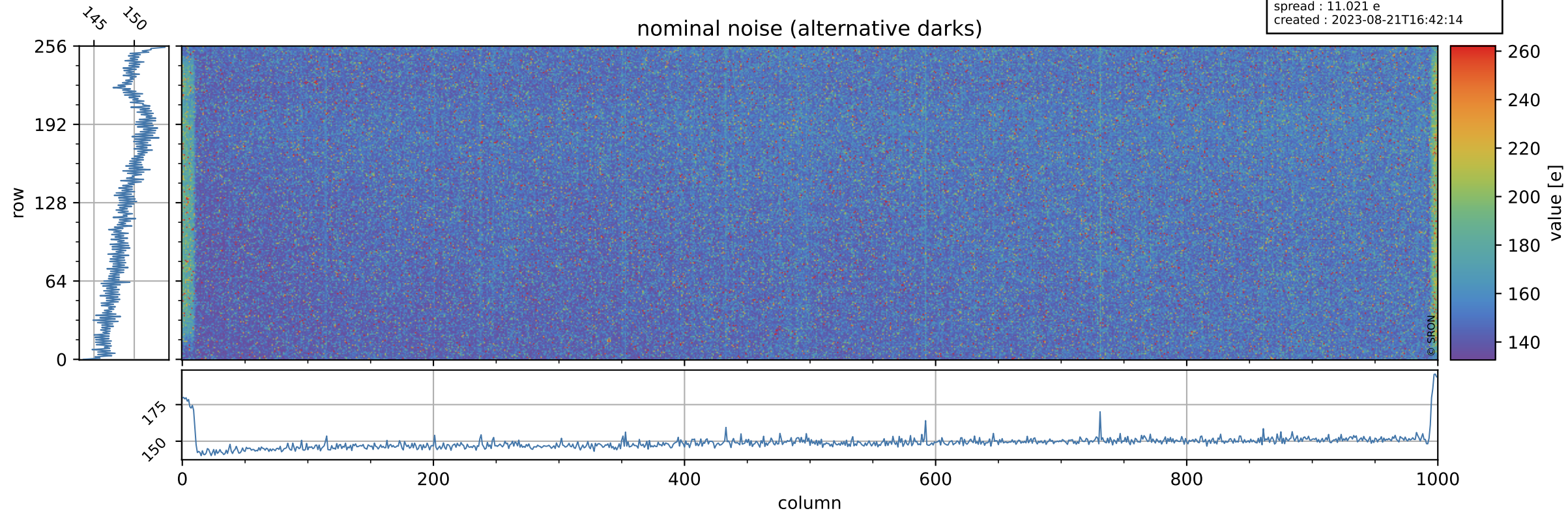


Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.021 e
created : 2023-08-21T16:42:14

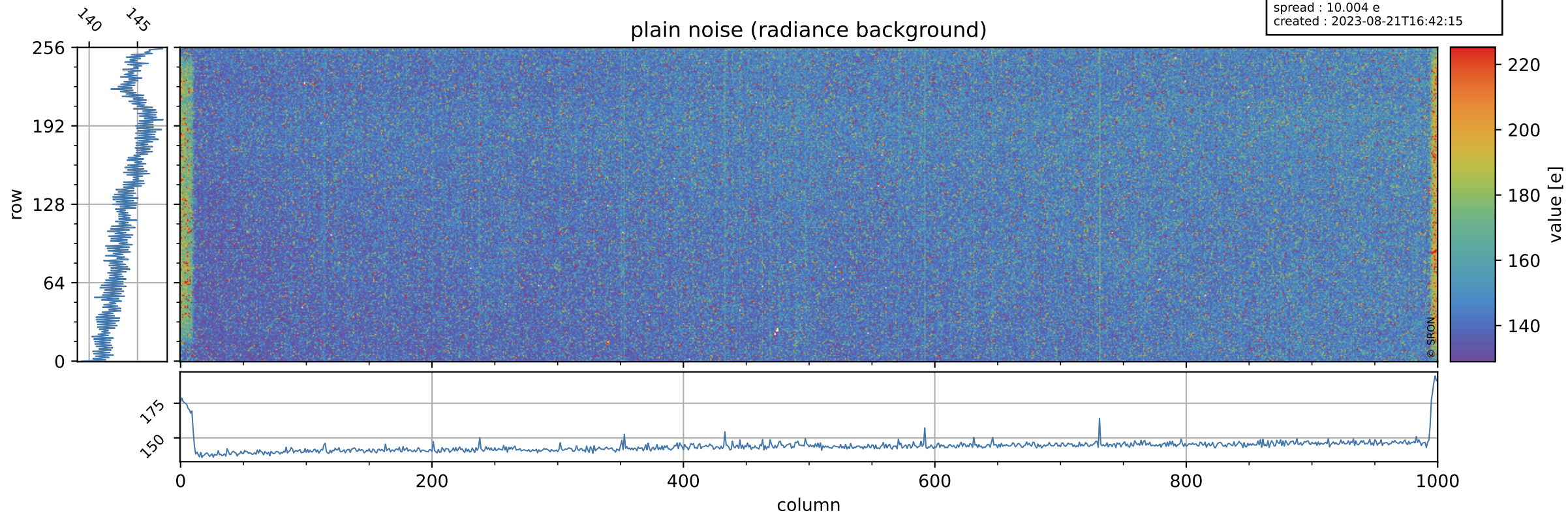
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 10.004 e
created : 2023-08-21T16:42:15

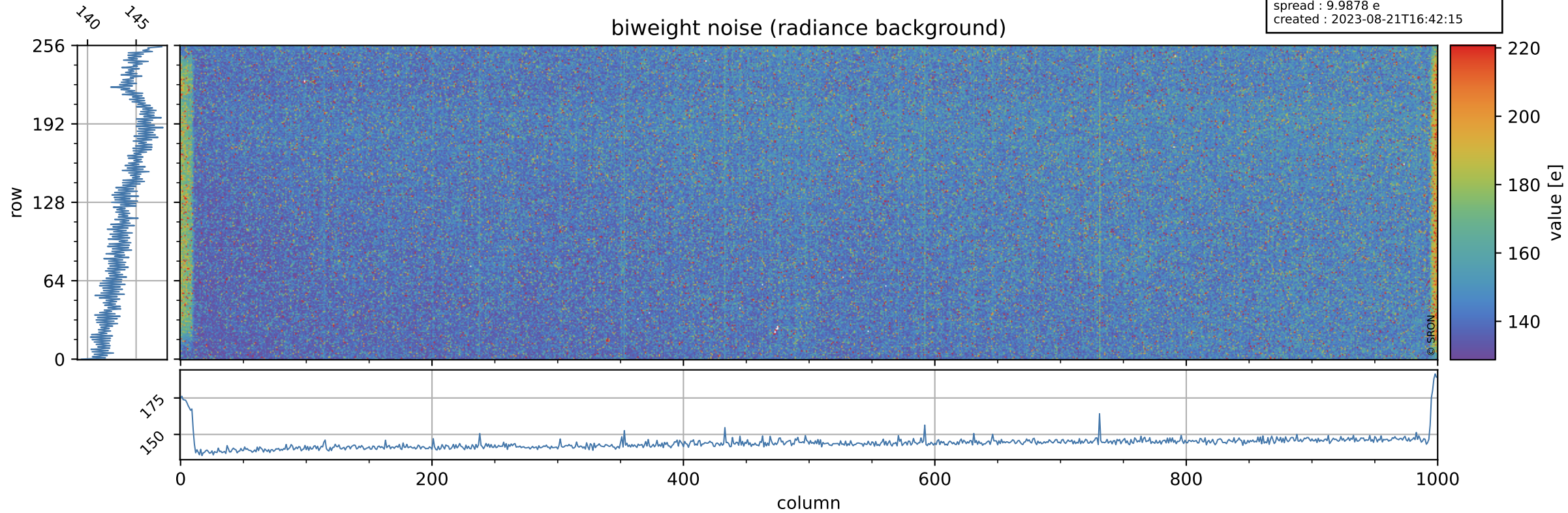
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9878 e
created : 2023-08-21T16:42:15

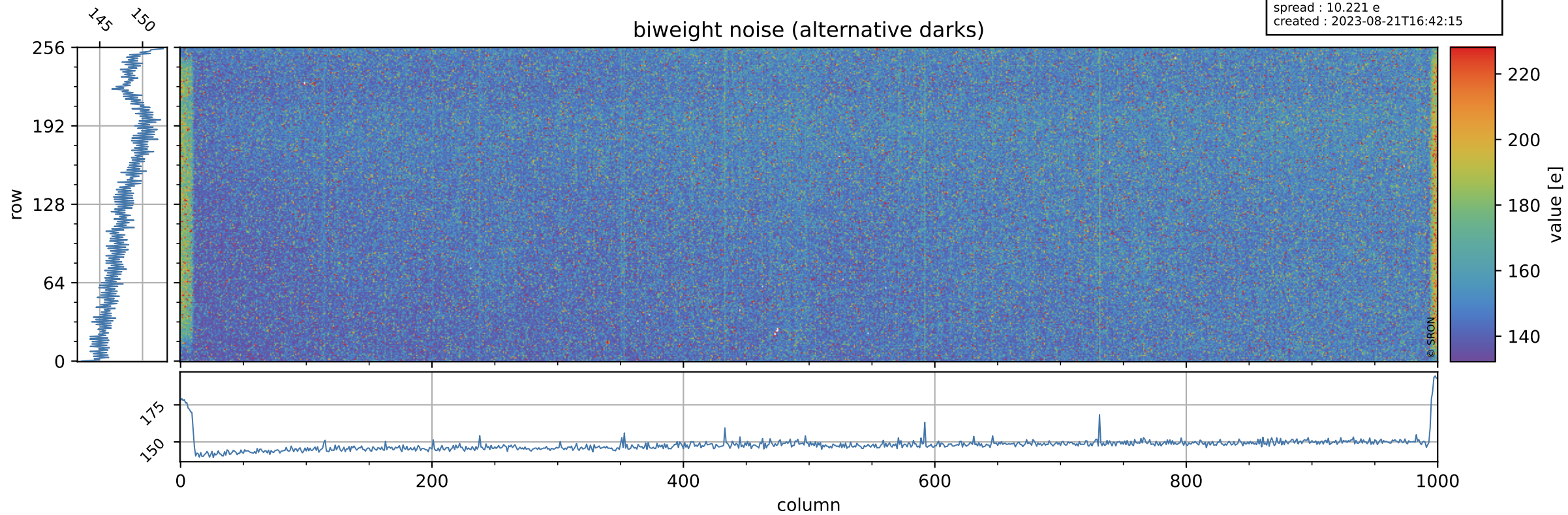
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.221 e
created : 2023-08-21T16:42:15

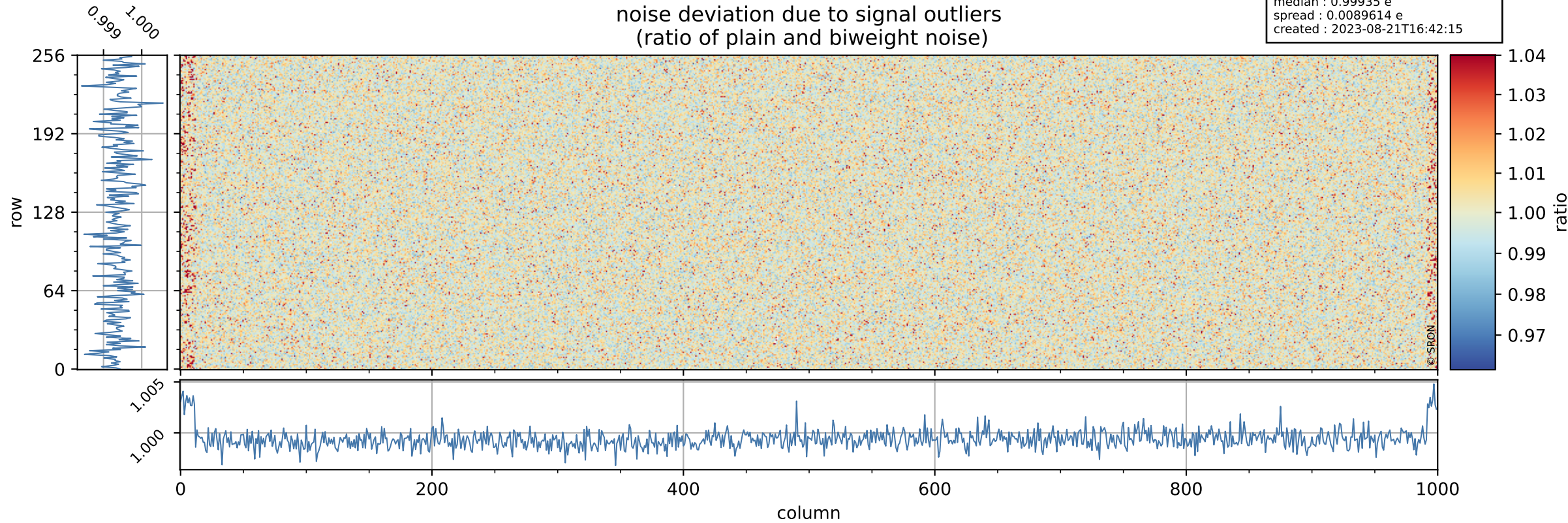
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

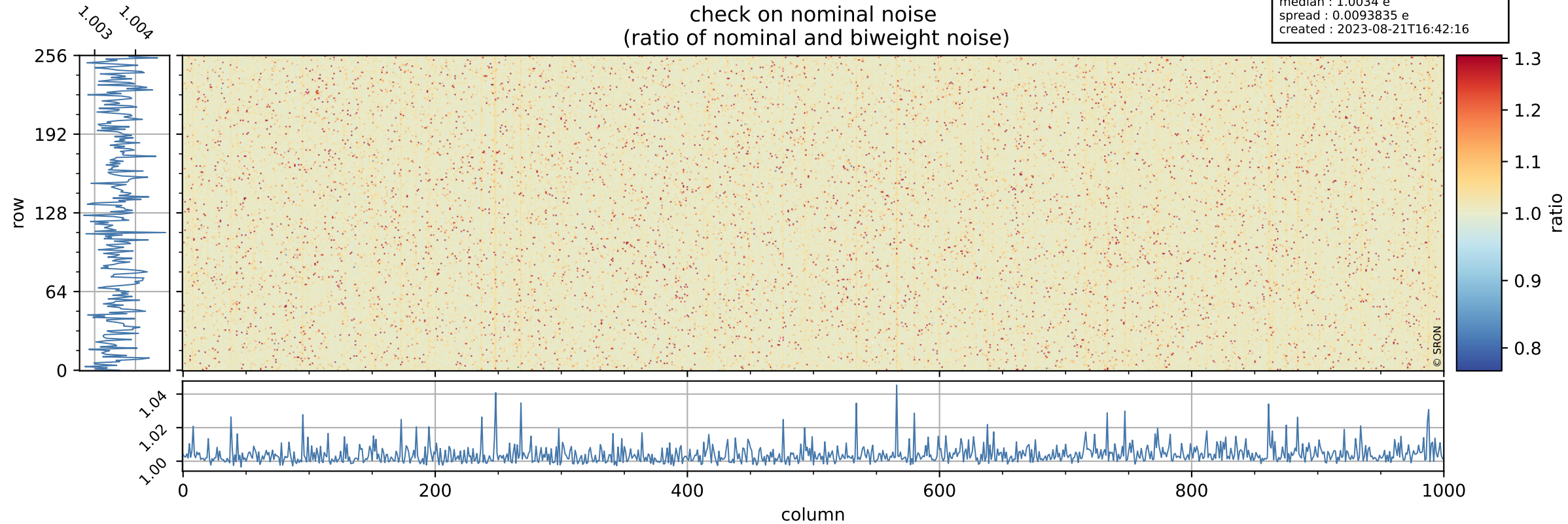
orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
median : 0.99935 e
spread : 0.0089614 e
created : 2023-08-21T16:42:15



Tropomi SWIR background noise (swir)

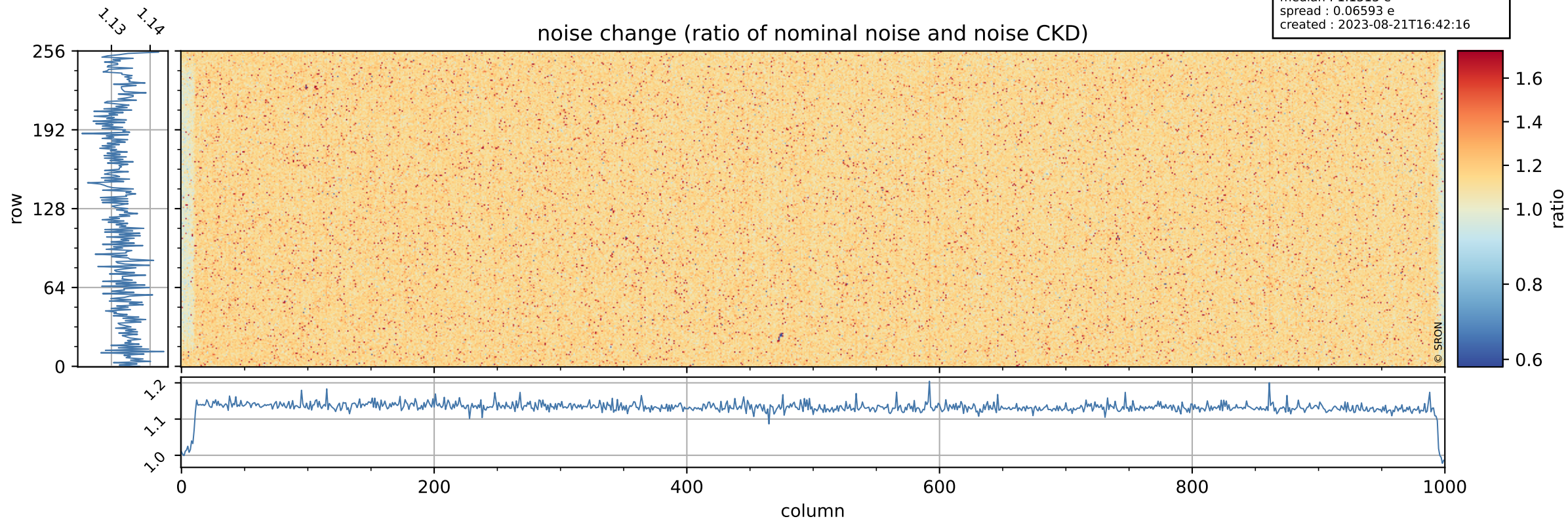
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
median : 1.0034 e
spread : 0.0093835 e
created : 2023-08-21T16:42:16



Tropomi SWIR background noise (swir)

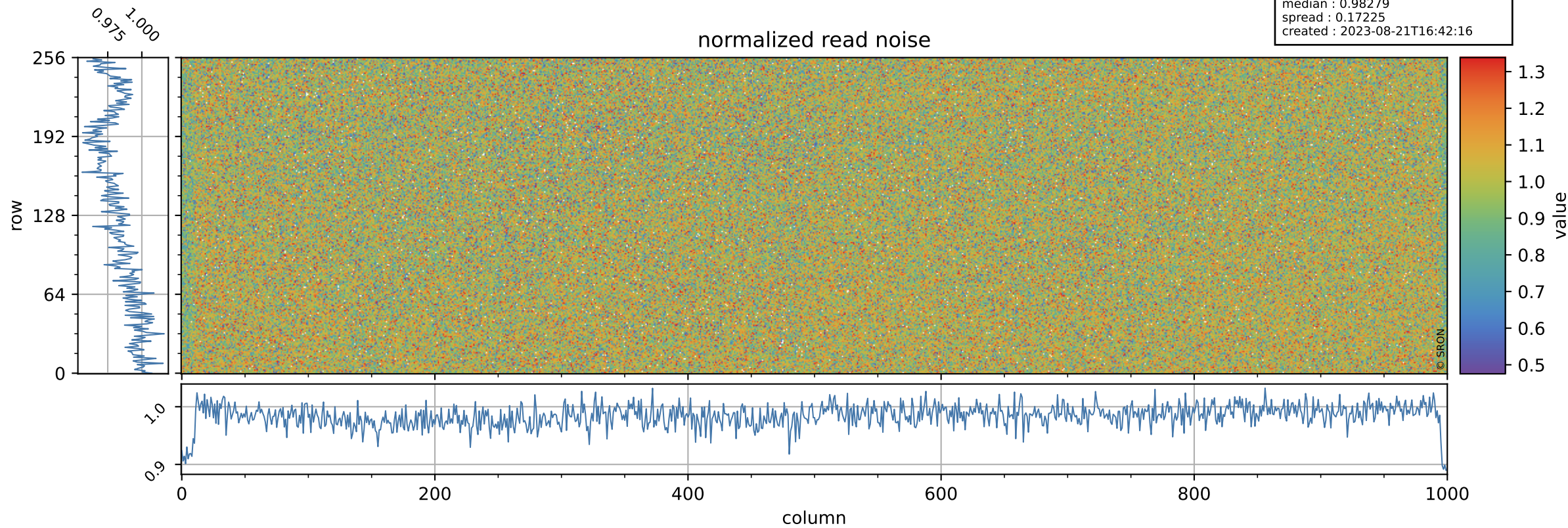
orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
median : 1.1313 e
spread : 0.06593 e
created : 2023-08-21T16:42:16



Tropomi SWIR background noise (swir)

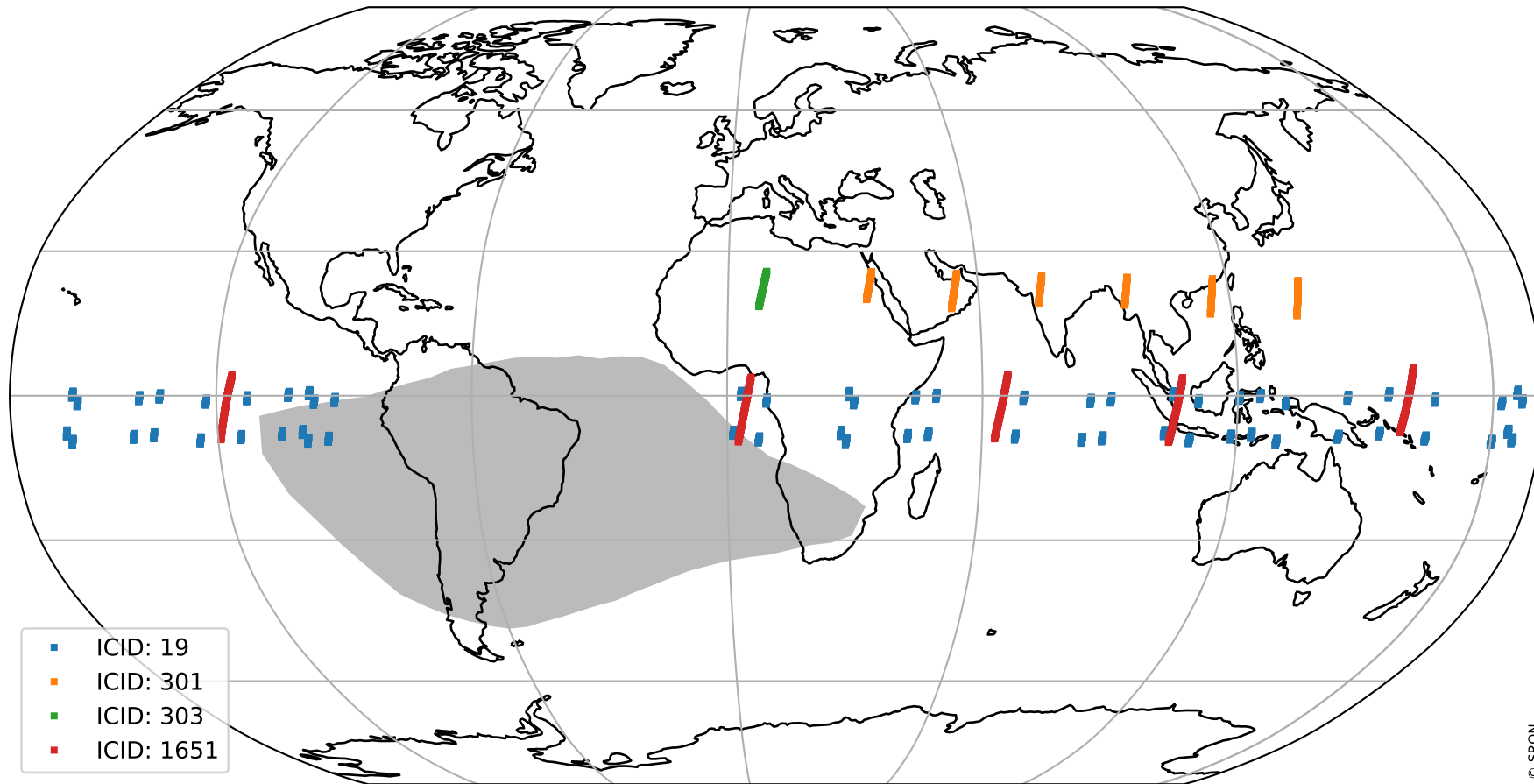
orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
median : 0.98279
spread : 0.17225
created : 2023-08-21T16:42:16

normalized read noise



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

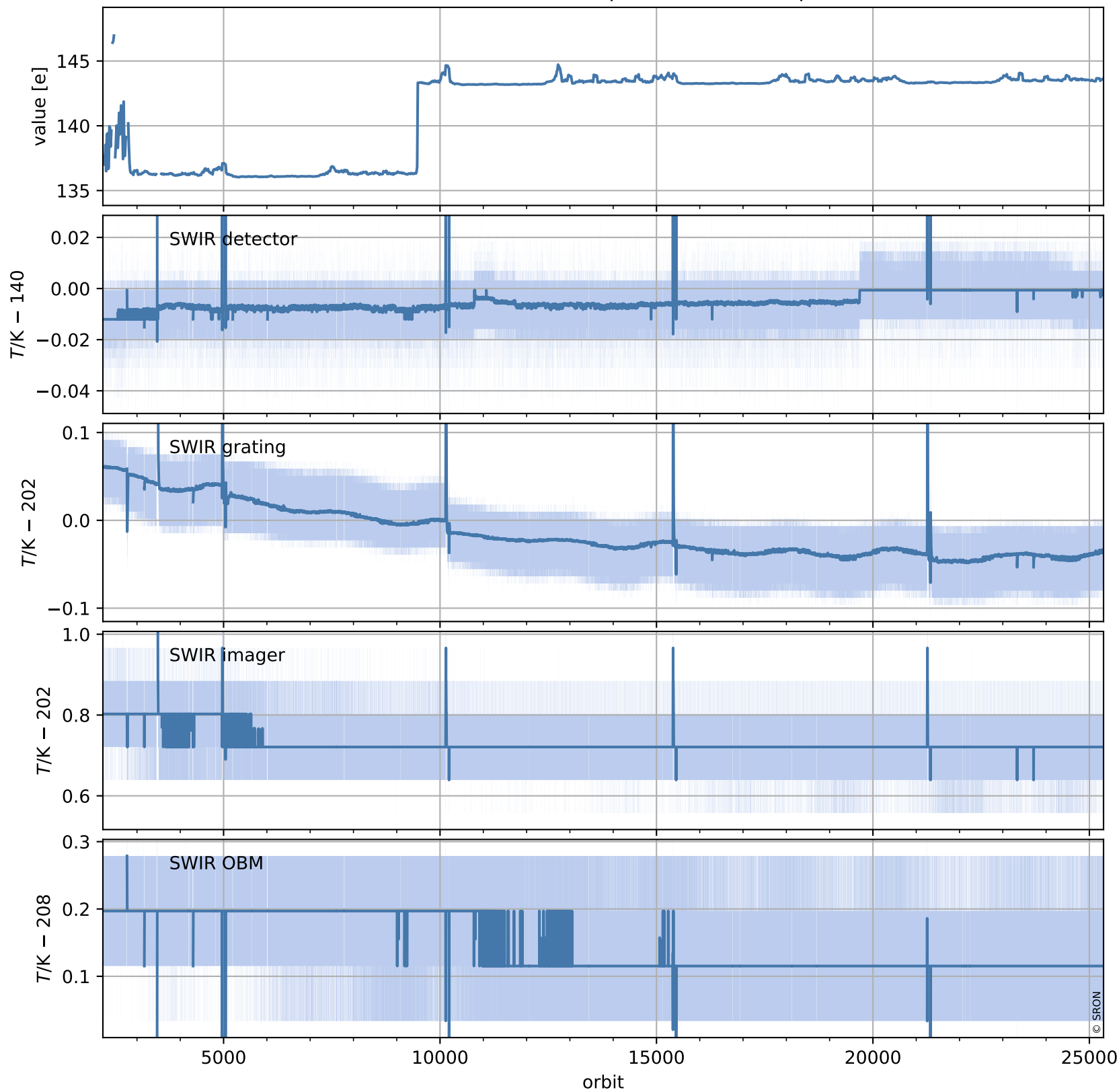
orbits : 12 in [25237, 25327]
coverage : 2022-08-27 / 2022-09-02
created : 2023-08-21T16:42:17



Tropomi SWIR background noise (swir)

orbits : [2212, 25327]
coverage : 2018-03-18 / 2022-09-02
created : 2023-08-21T16:42:17

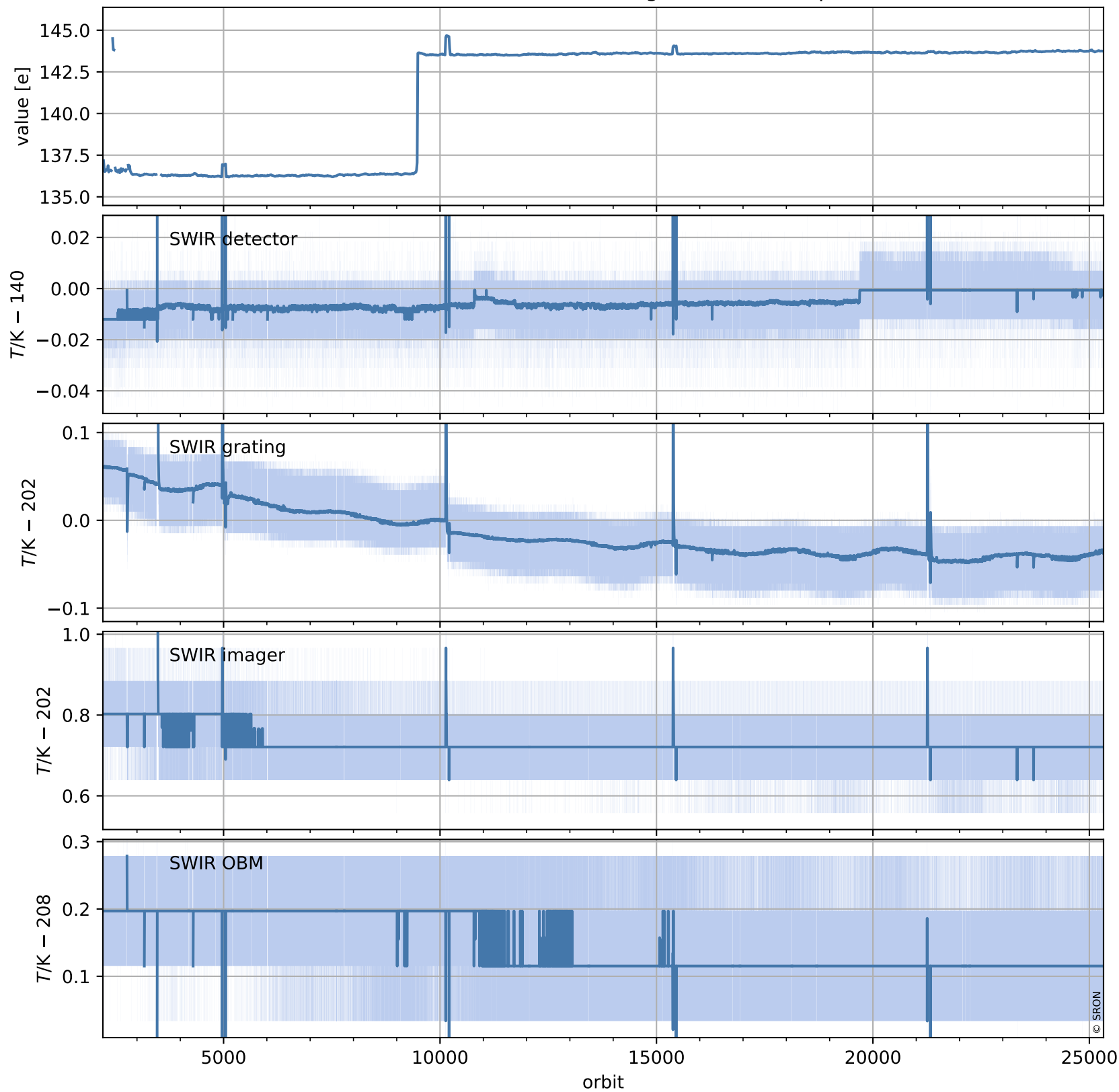
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25327]
coverage : 2018-03-18 / 2022-09-02
created : 2023-08-21T16:42:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25327]
coverage : 2018-03-18 / 2022-09-02
created : 2023-08-21T16:42:19

trend of normalized read-noise & temperatures

