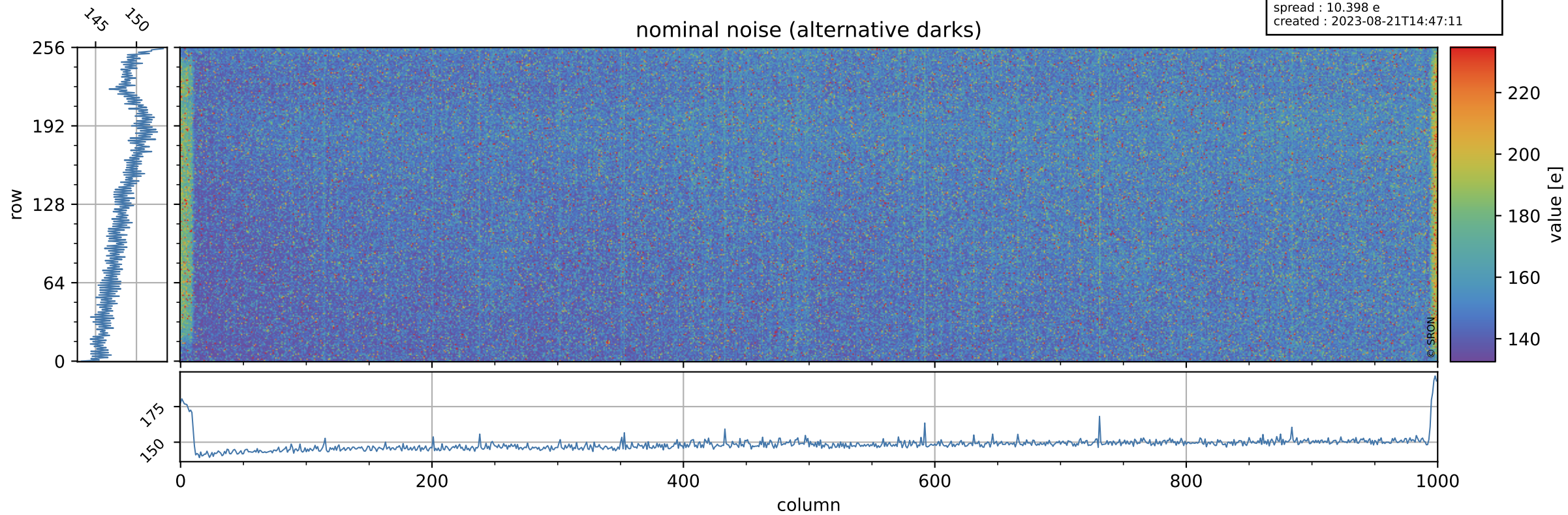


Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.398 e
created : 2023-08-21T14:47:11

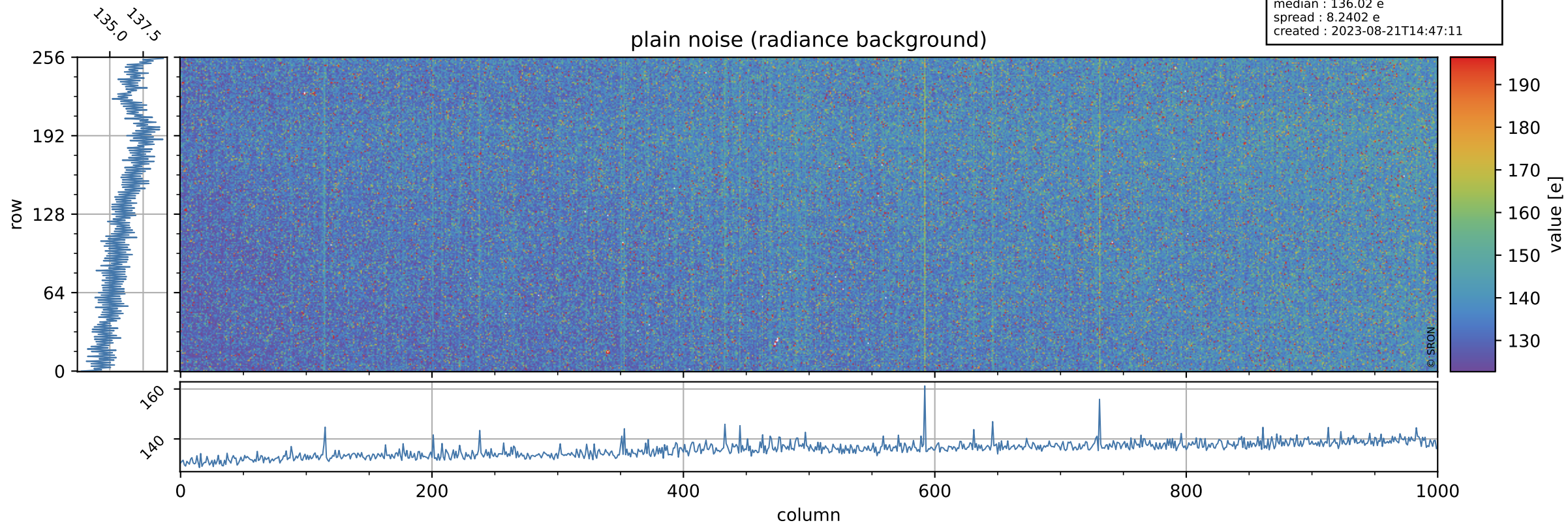
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2402 e
created : 2023-08-21T14:47:11

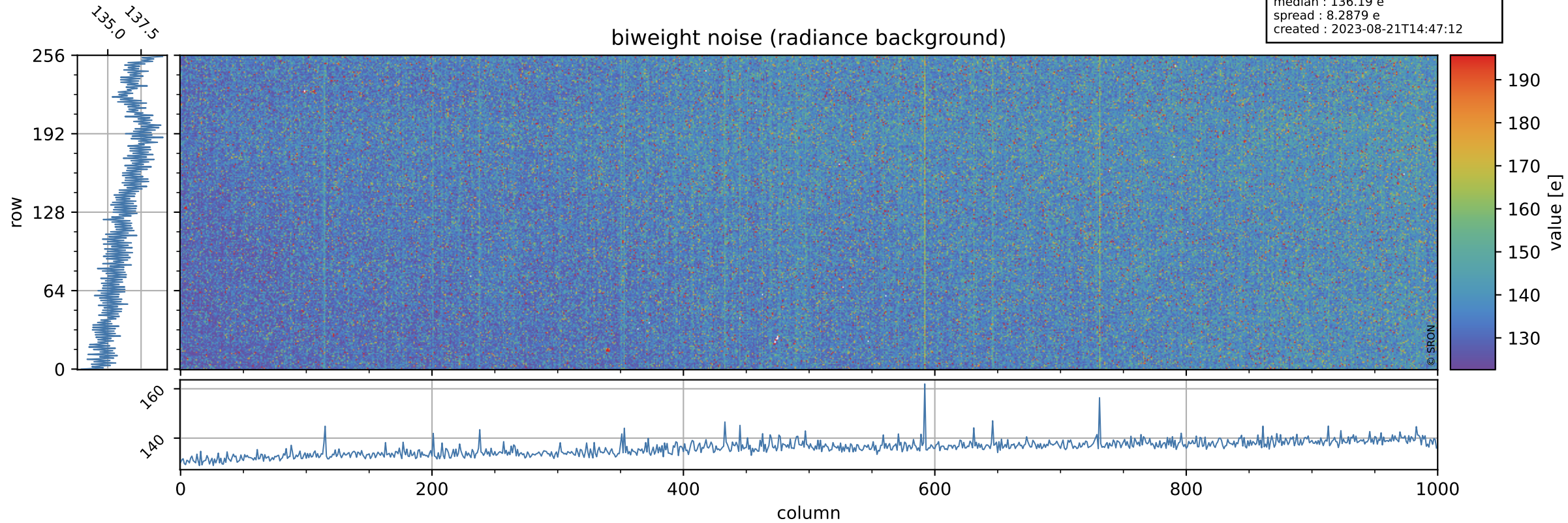
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2879 e
created : 2023-08-21T14:47:12

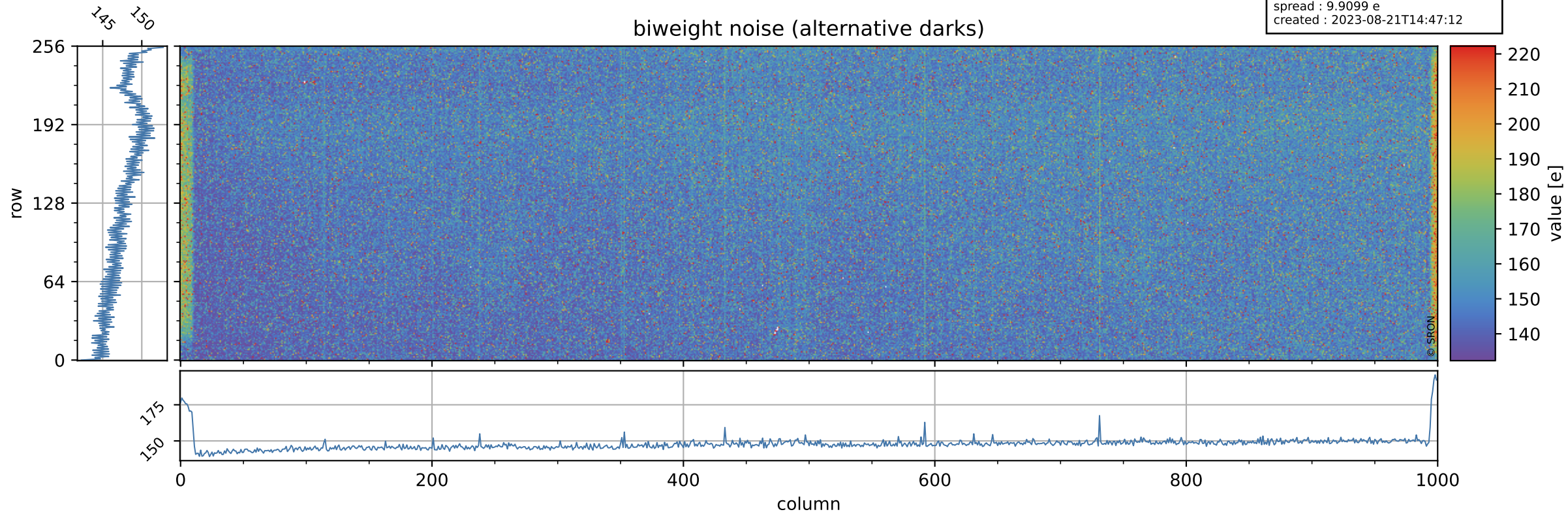
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9099 e
created : 2023-08-21T14:47:12

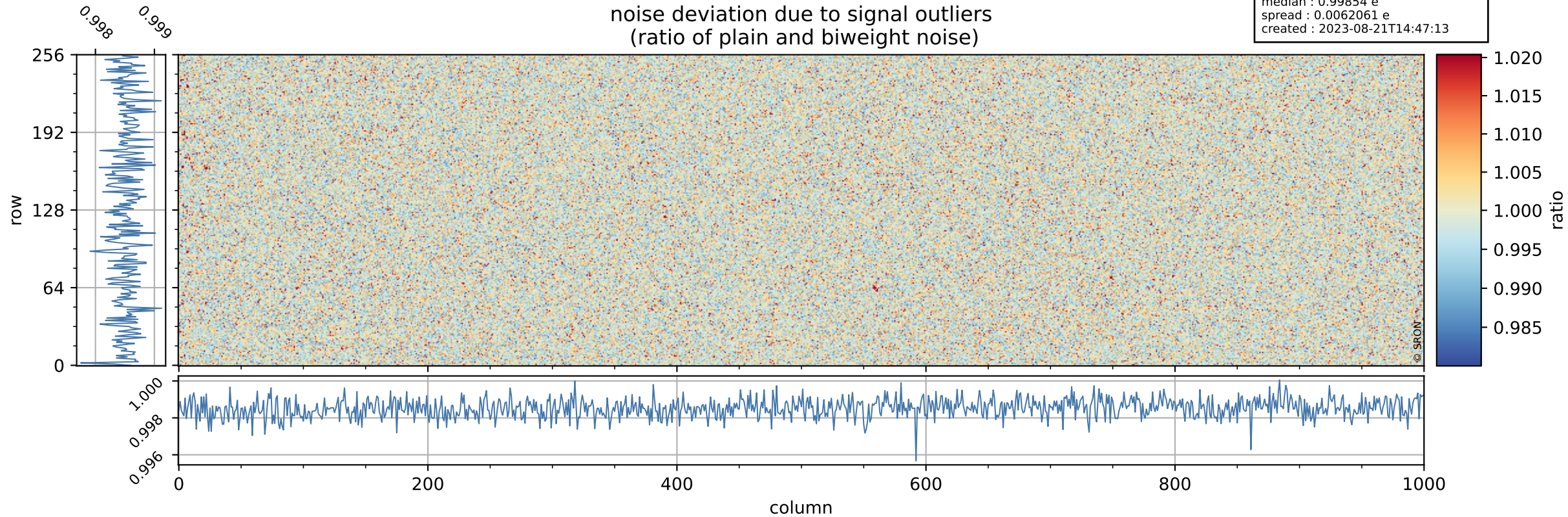
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

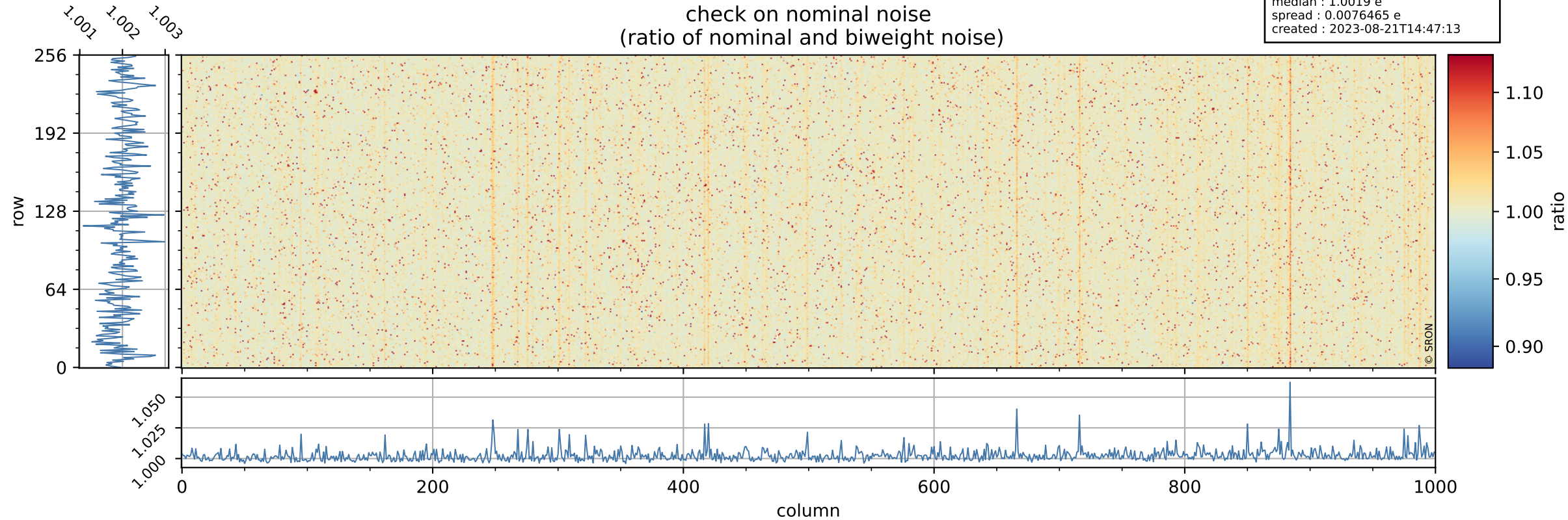
orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
median : 0.99854 e
spread : 0.0062061 e
created : 2023-08-21T14:47:13



Tropomi SWIR background noise (swir)

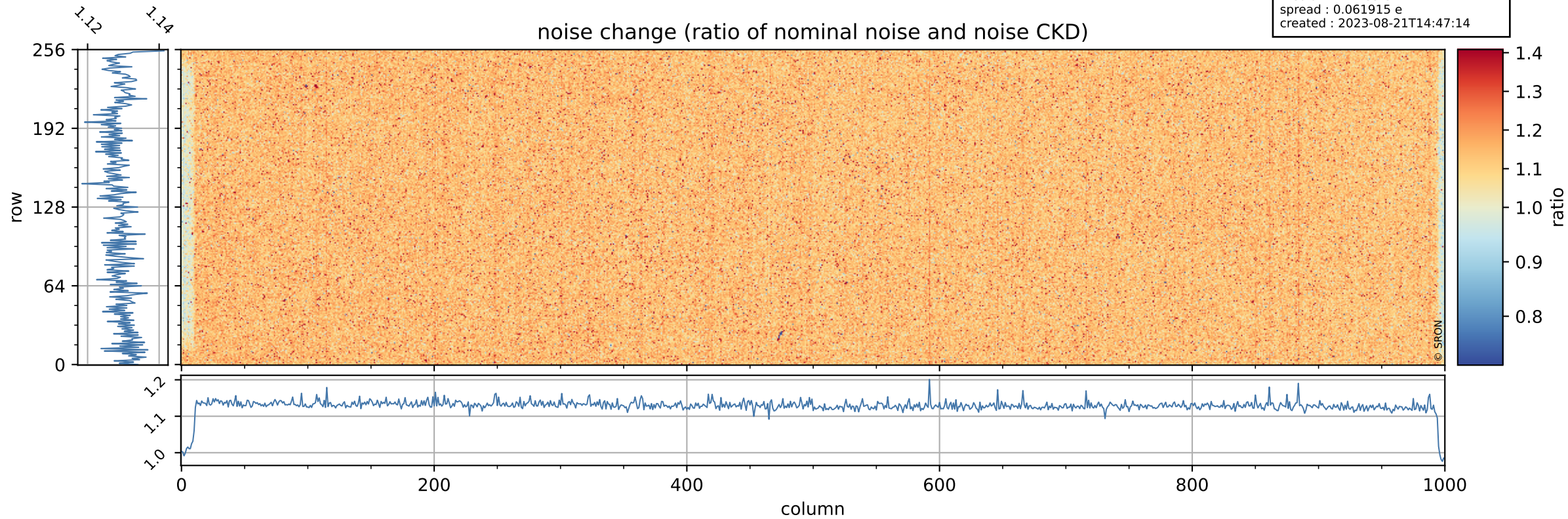
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
median : 1.0019 e
spread : 0.0076465 e
created : 2023-08-21T14:47:13



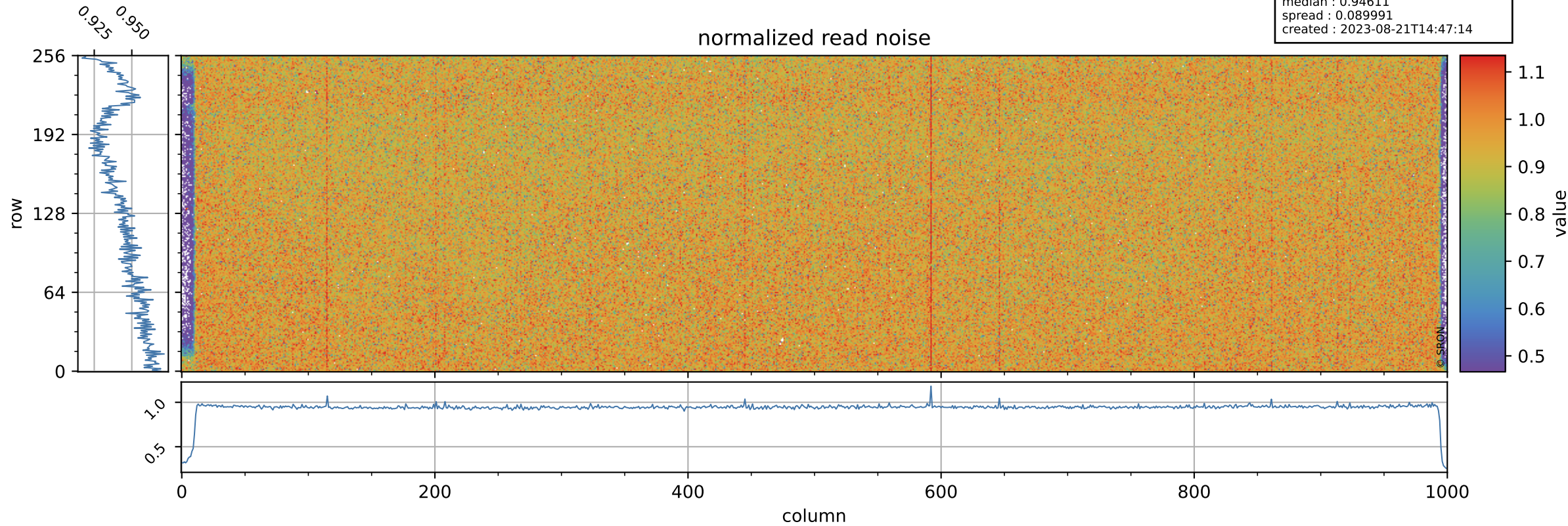
Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
median : 1.1285 e
spread : 0.061915 e
created : 2023-08-21T14:47:14



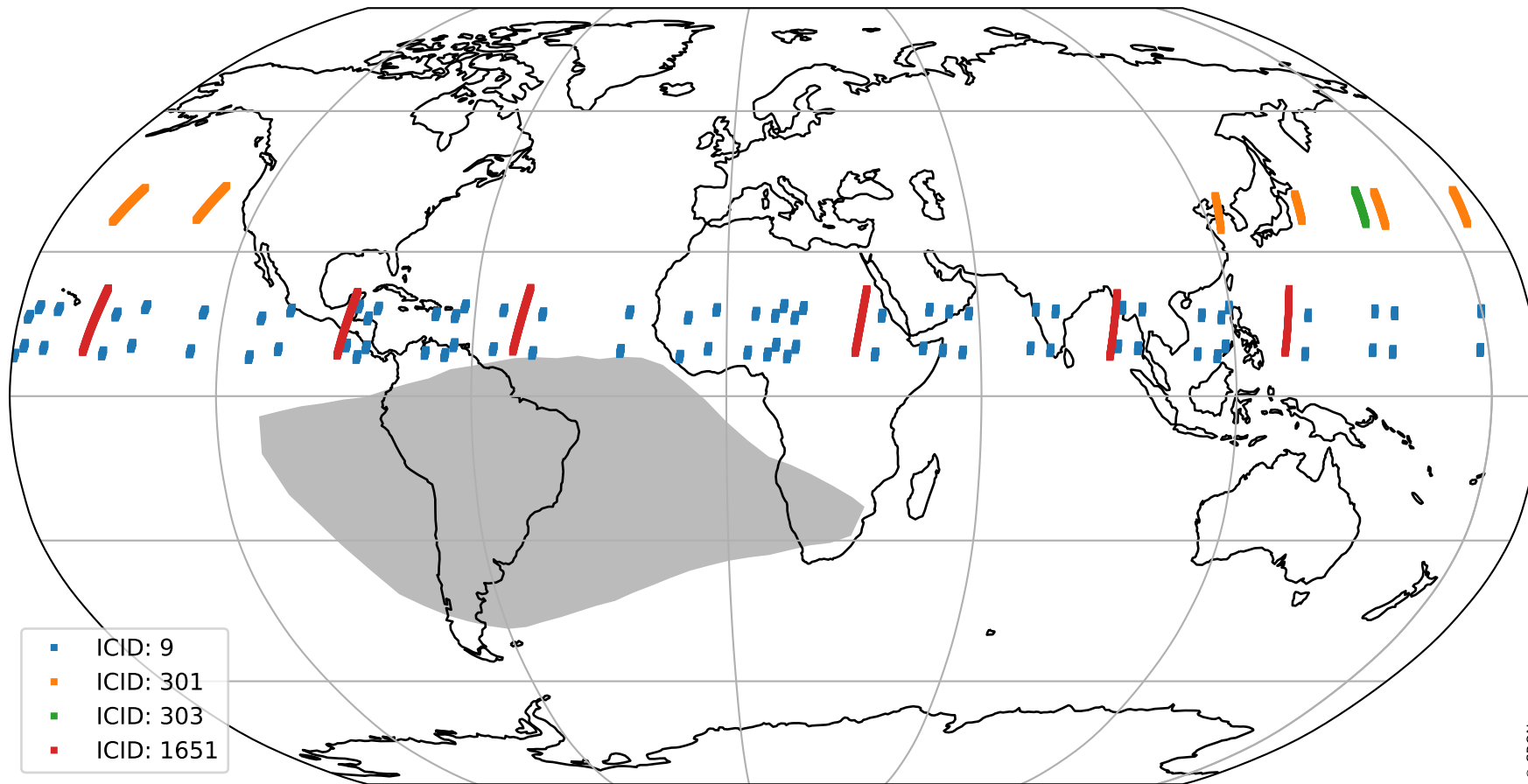
Tropomi SWIR background noise (swir)

orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
median : 0.94611
spread : 0.089991
created : 2023-08-21T14:47:14



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

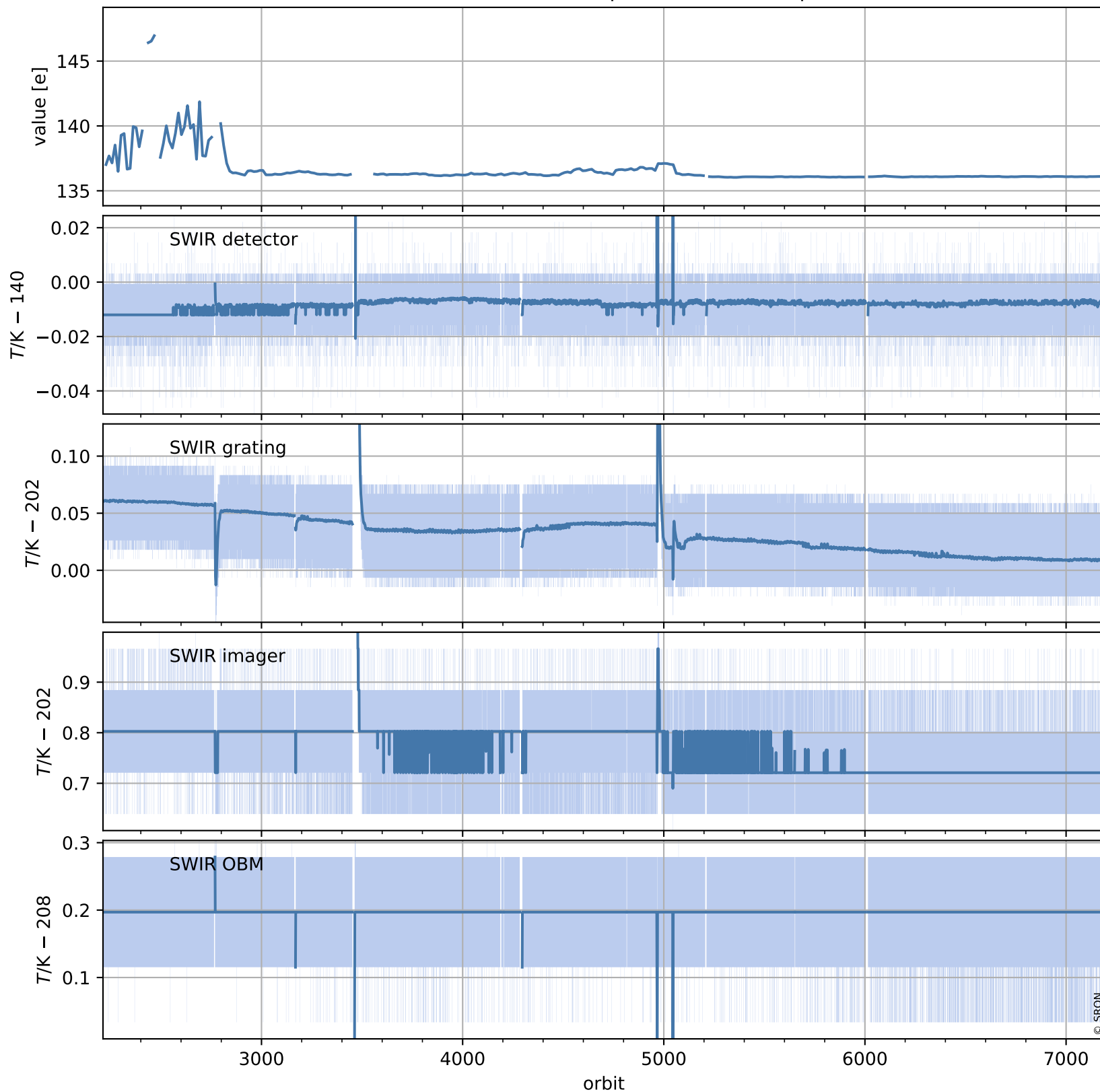
orbits : 13 in [7102, 7192]
coverage : 2019-02-26 / 2019-03-03
created : 2023-08-21T14:47:15



Tropomi SWIR background noise (swir)

orbits : [2212, 7192]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:15

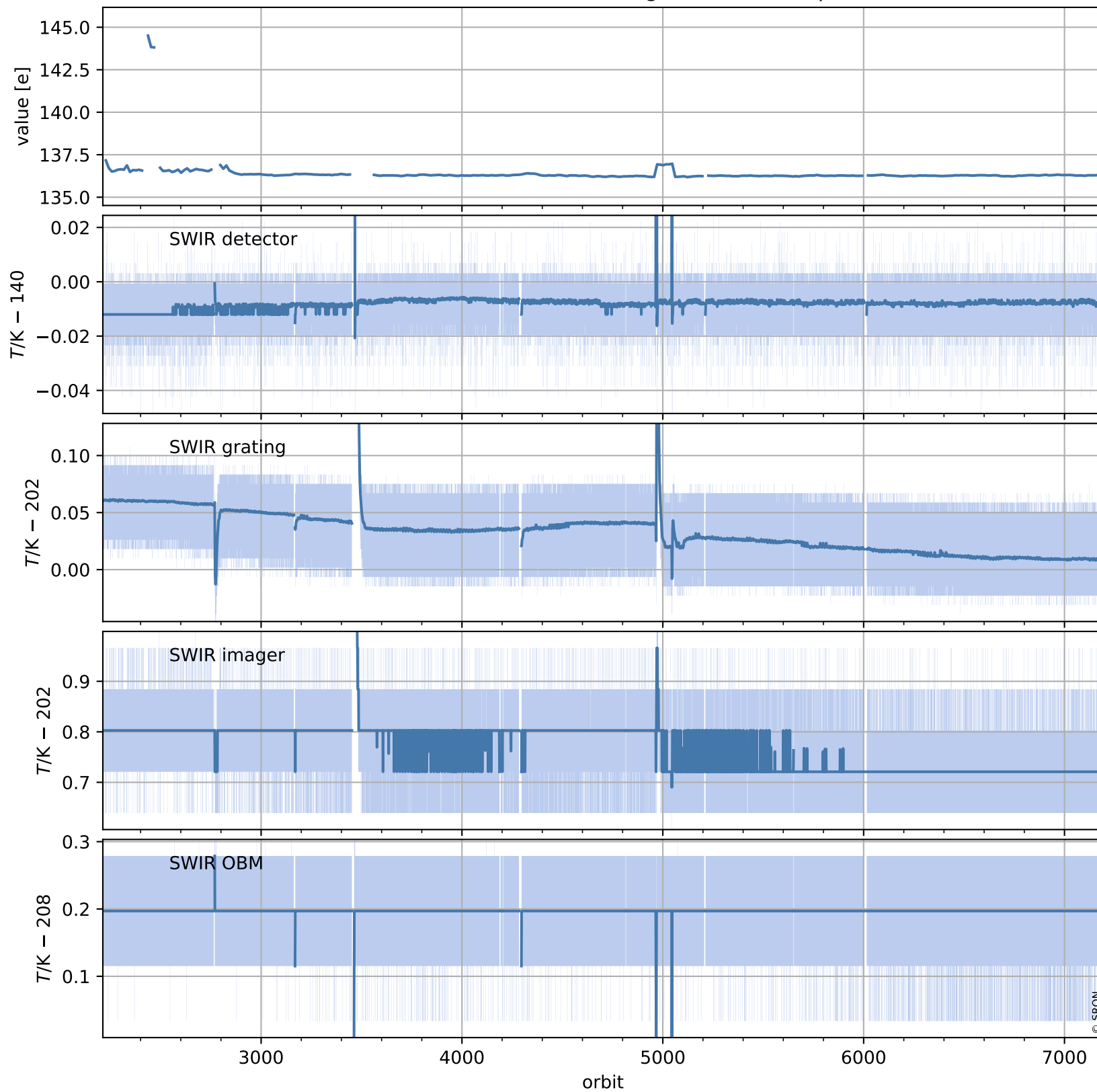
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7192]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7192]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:17

trend of normalized read-noise & temperatures

