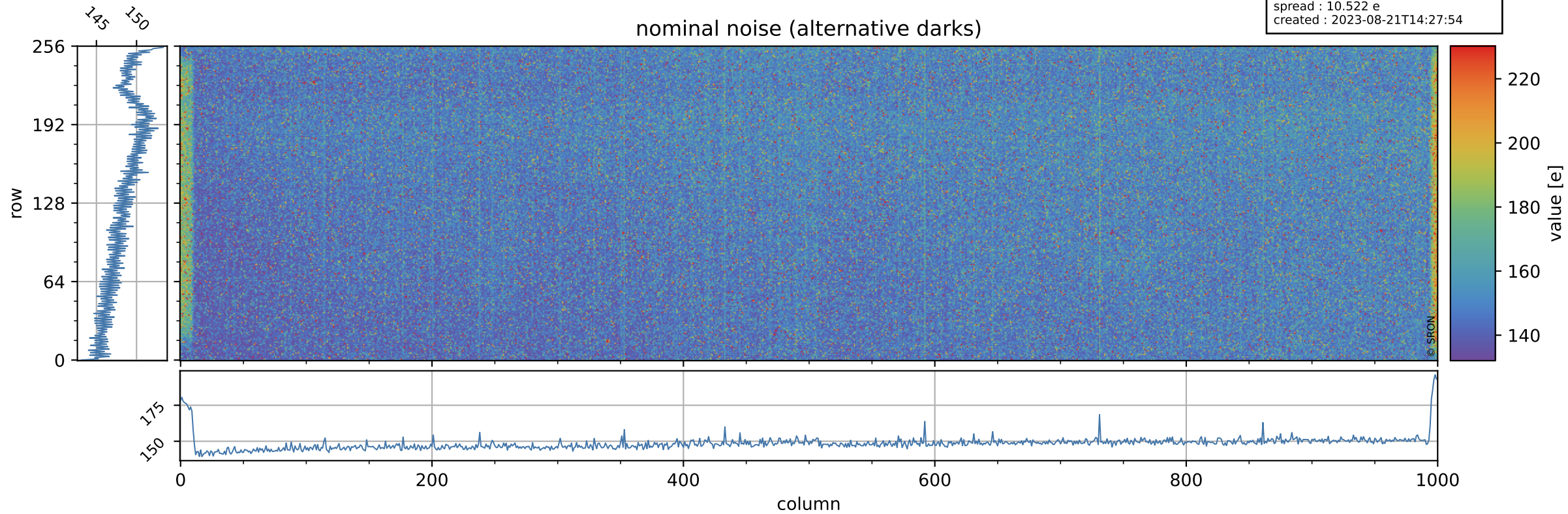


Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.522 e
created : 2023-08-21T14:27:54

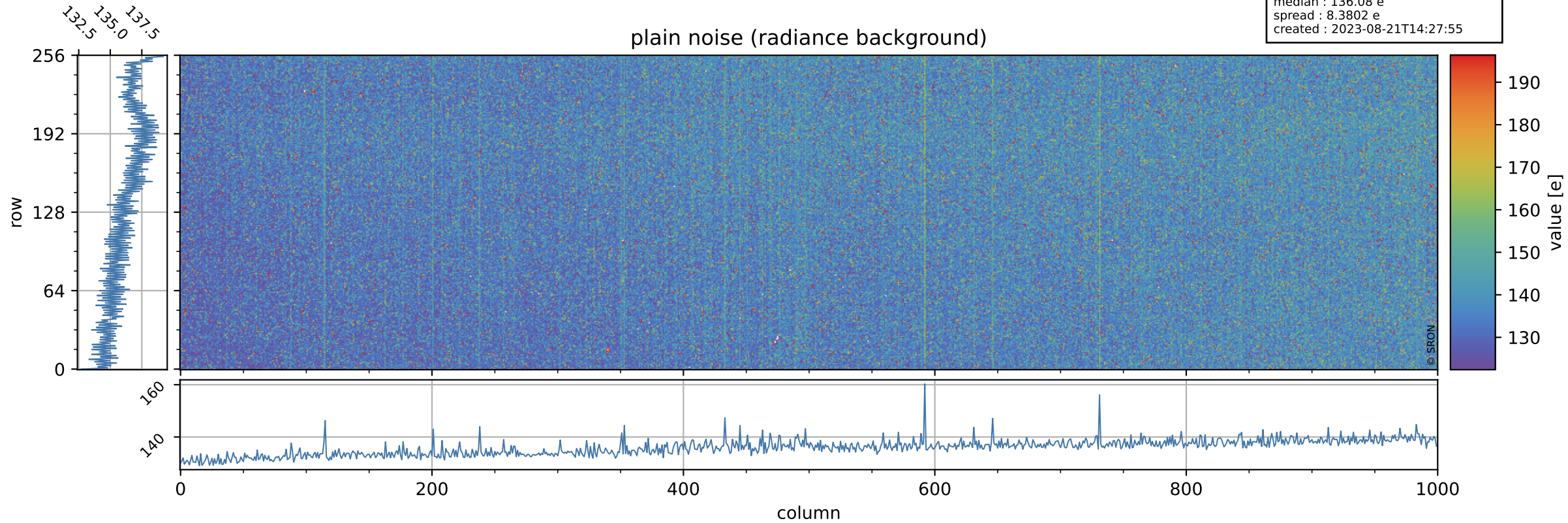
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
n_coad, t_exp : 2, 0.5383
median : 136.08 e
spread : 8.3802 e
created : 2023-08-21T14:27:55

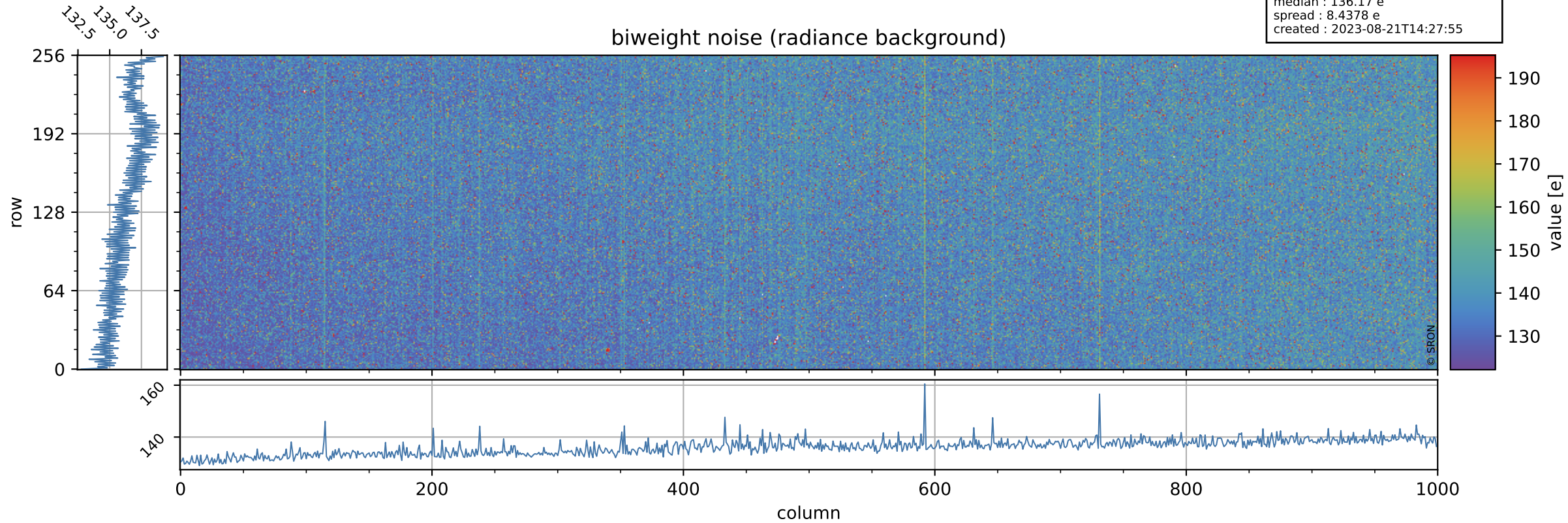
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.4378 e
created : 2023-08-21T14:27:55

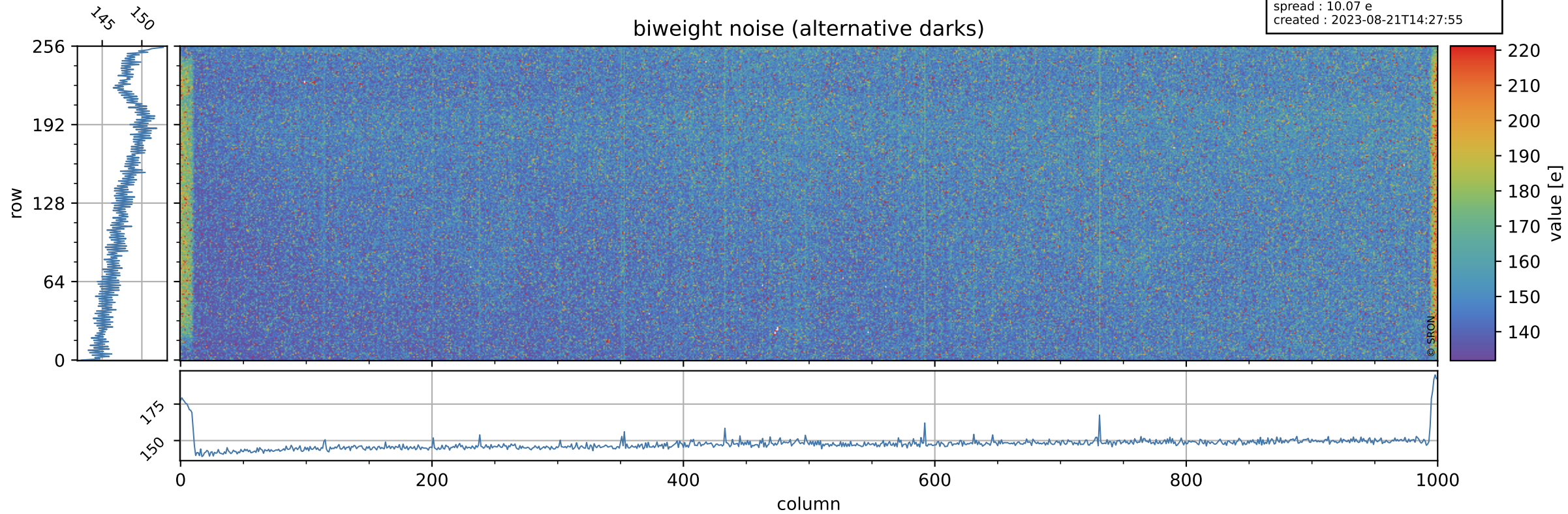
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.07 e
created : 2023-08-21T14:27:55

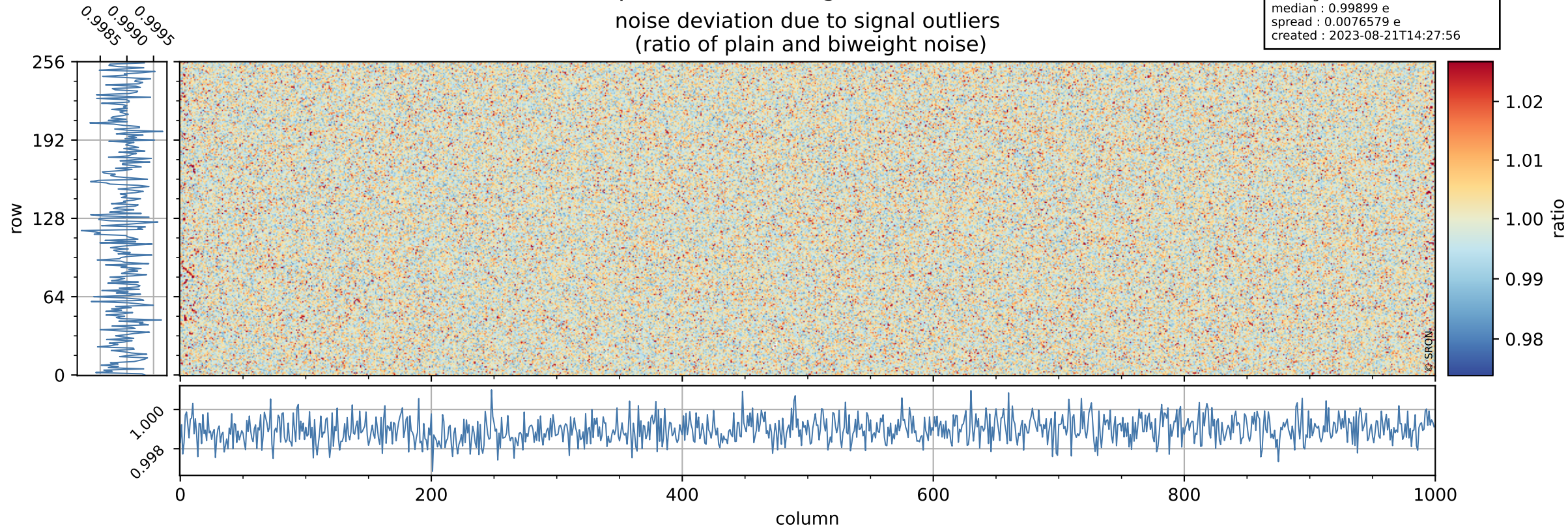
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

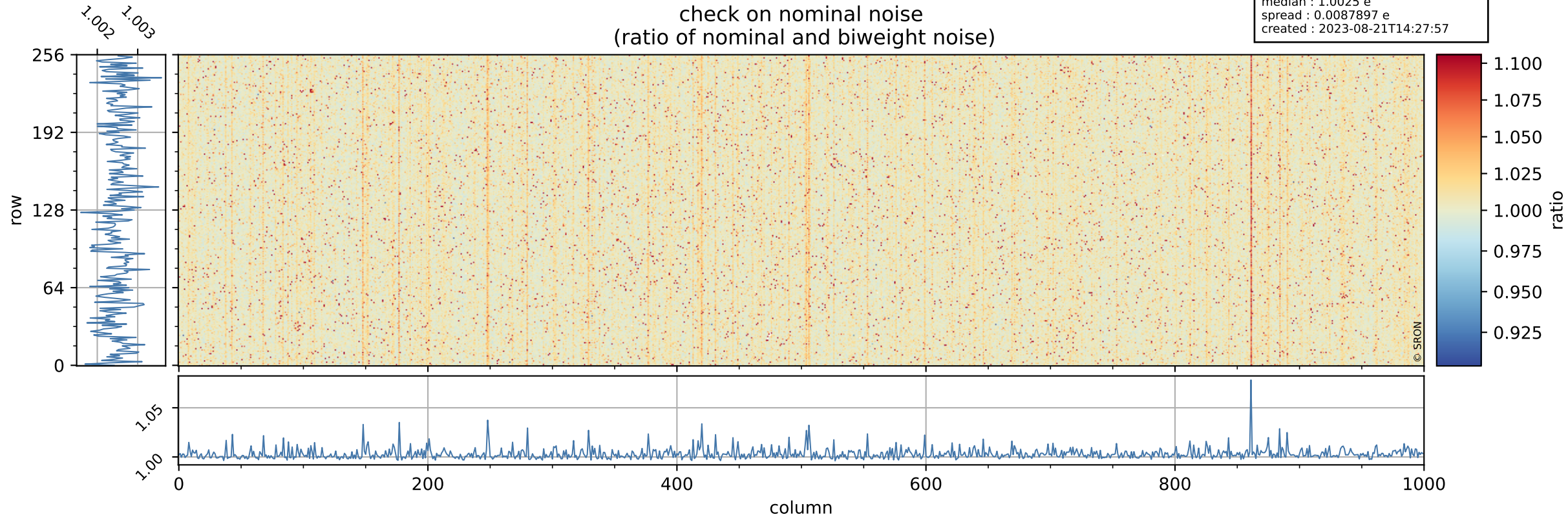
orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
median : 0.99899 e
spread : 0.0076579 e
created : 2023-08-21T14:27:56



Tropomi SWIR background noise (swir)

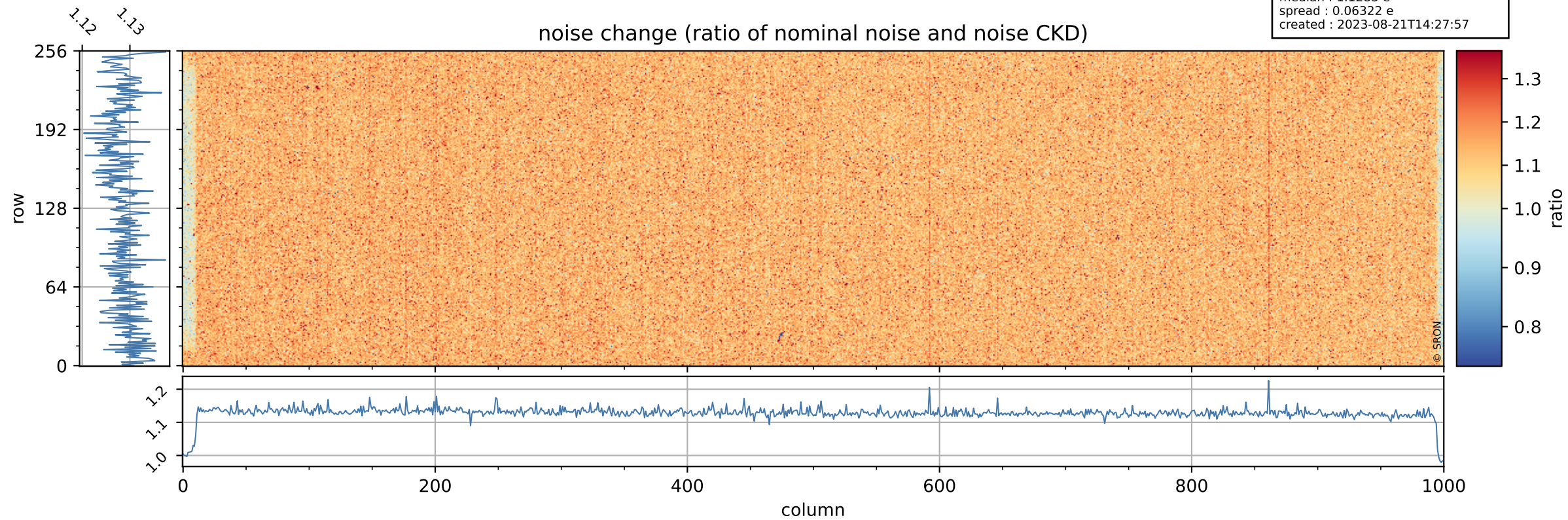
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
median : 1.0025 e
spread : 0.0087897 e
created : 2023-08-21T14:27:57



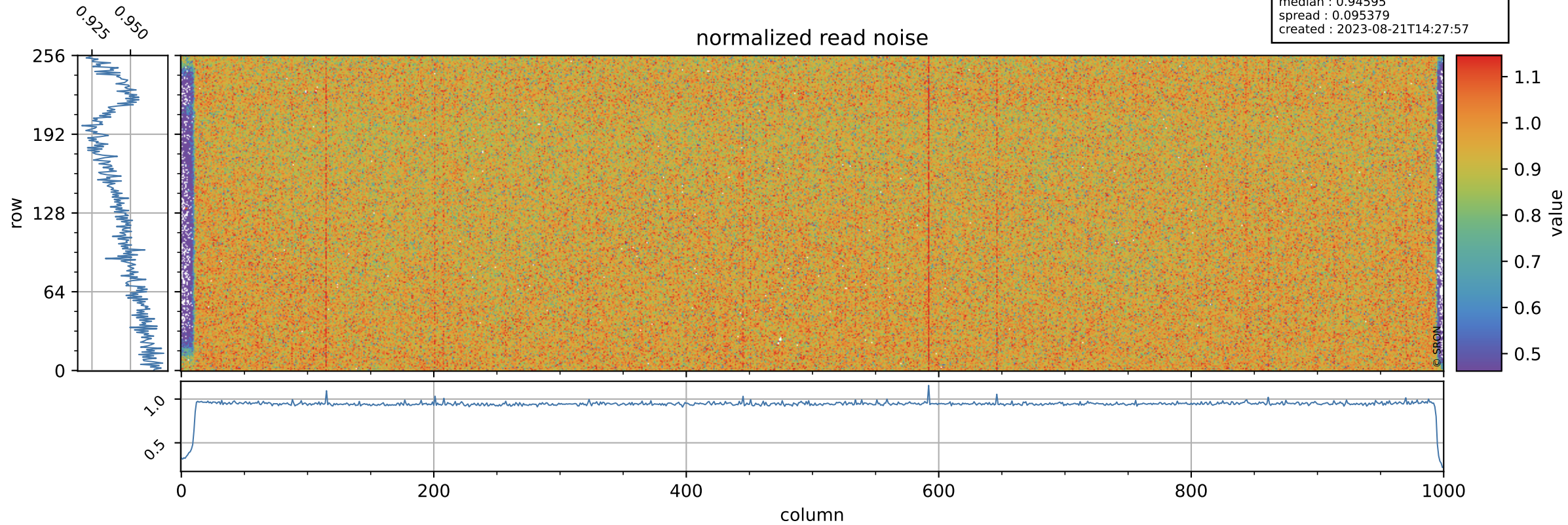
Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
median : 1.1283 e
spread : 0.06322 e
created : 2023-08-21T14:27:57



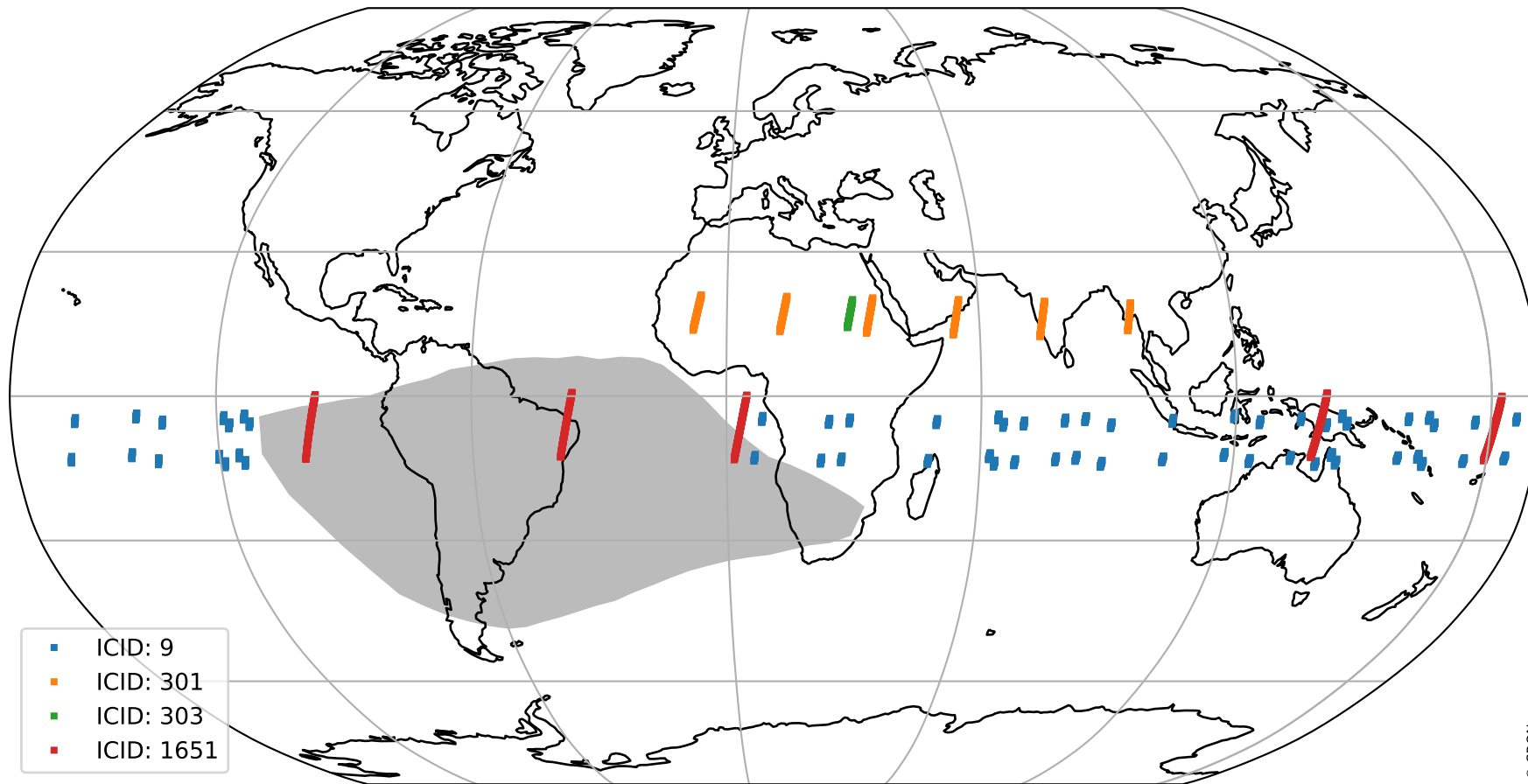
Tropomi SWIR background noise (swir)

orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
median : 0.94595
spread : 0.095379
created : 2023-08-21T14:27:57



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

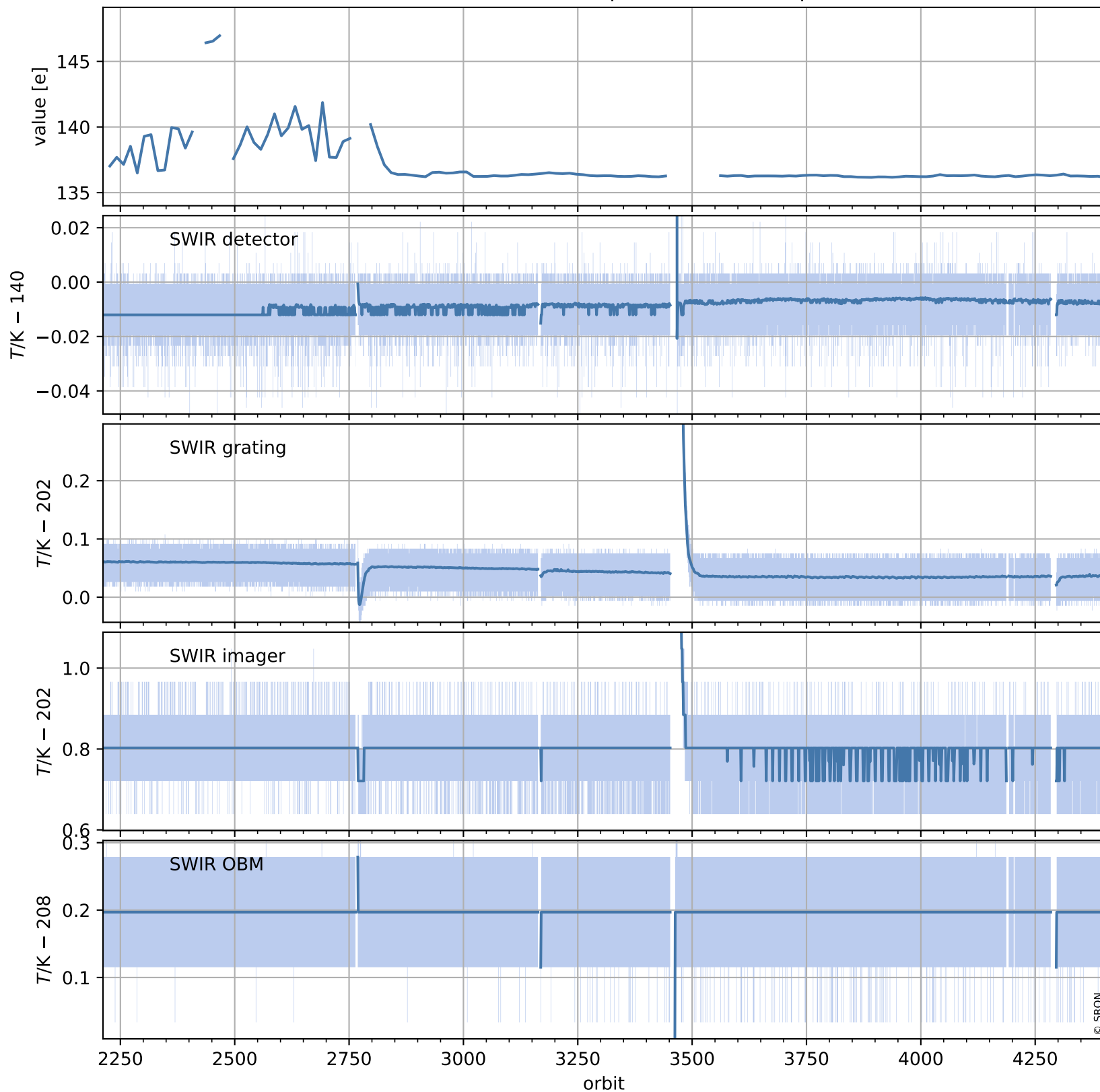
orbits : 12 in [4312, 4402]
coverage : 2018-08-13 / 2018-08-19
created : 2023-08-21T14:27:58



Tropomi SWIR background noise (swir)

orbits : [2212, 4402]
coverage : 2018-03-18 / 2018-08-19
created : 2023-08-21T14:27:58

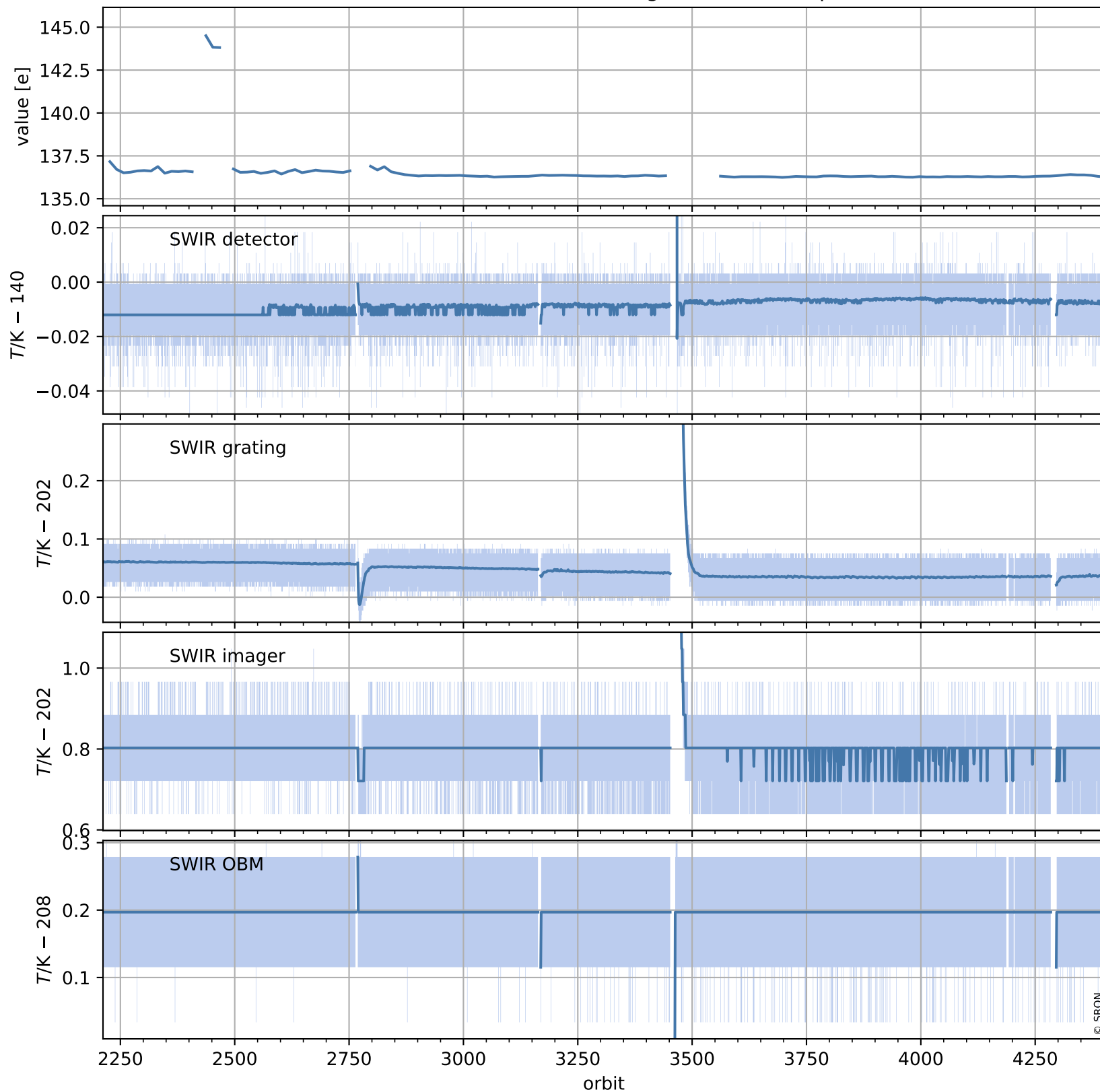
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4402]
coverage : 2018-03-18 / 2018-08-19
created : 2023-08-21T14:27:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4402]
coverage : 2018-03-18 / 2018-08-19
created : 2023-08-21T14:28:00

trend of normalized read-noise & temperatures

