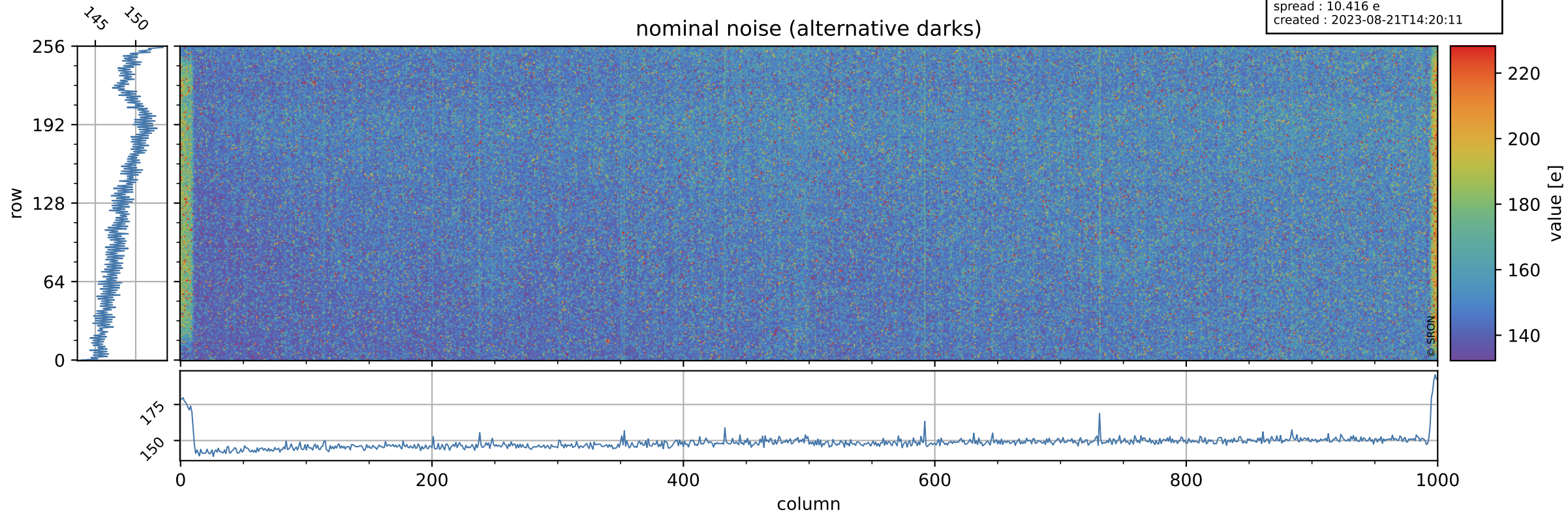


Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.416 e
created : 2023-08-21T14:20:11

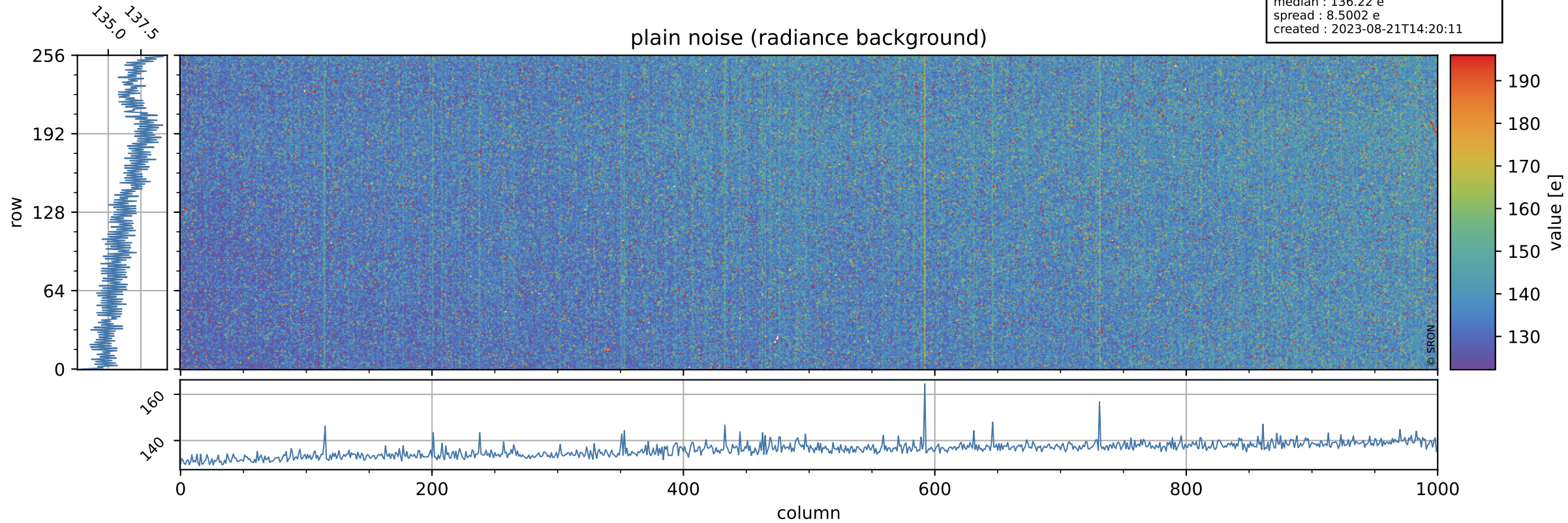
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5002 e
created : 2023-08-21T14:20:11

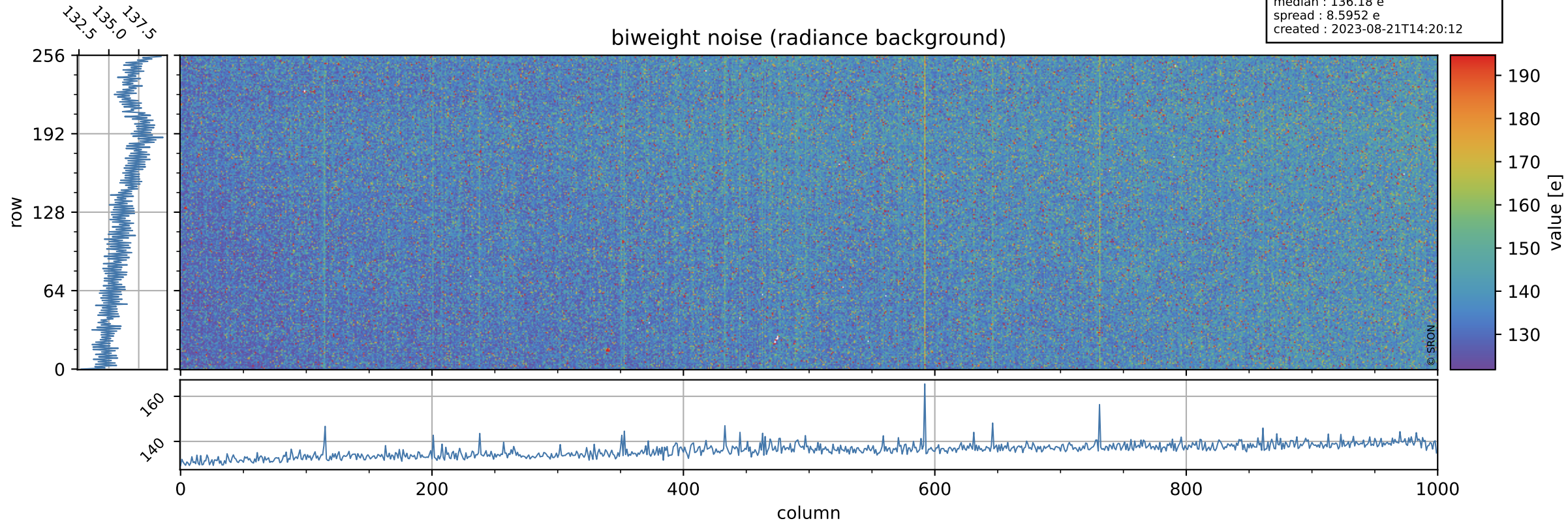
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5952 e
created : 2023-08-21T14:20:12

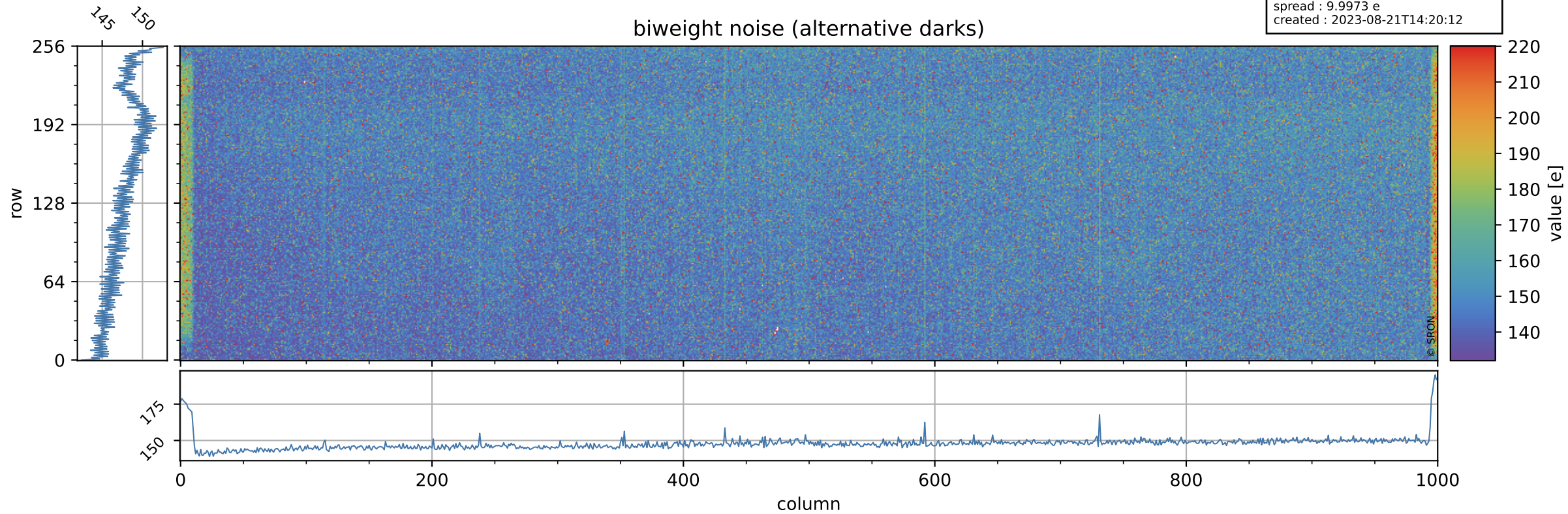
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9973 e
created : 2023-08-21T14:20:12

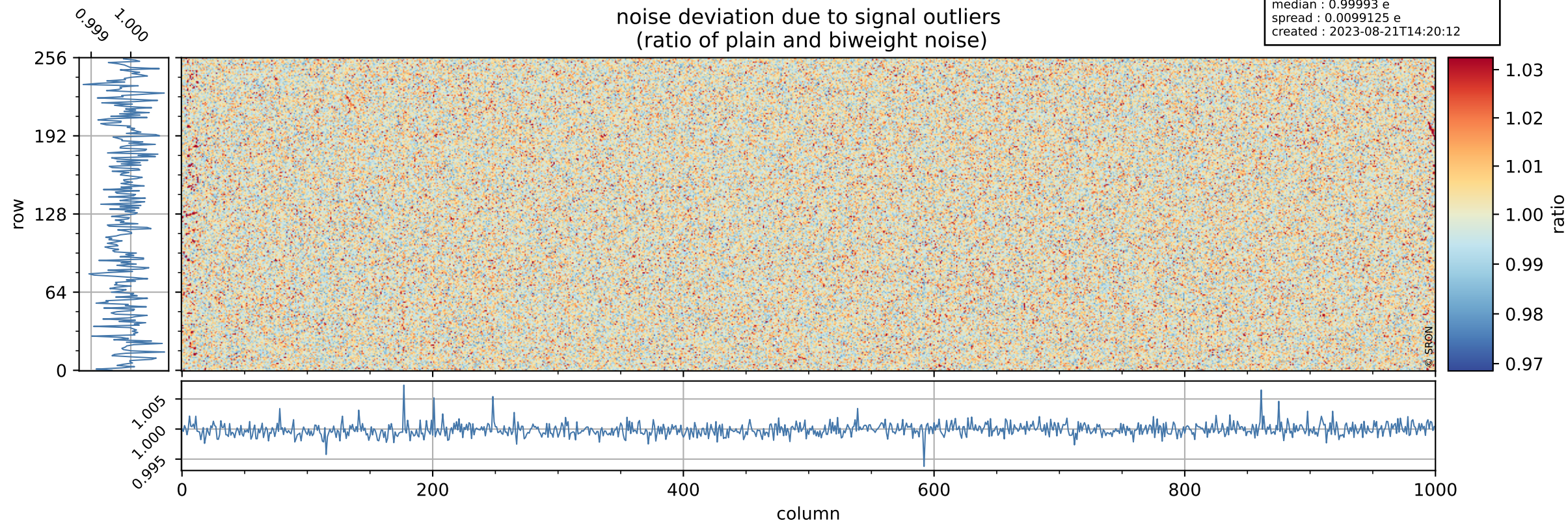
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

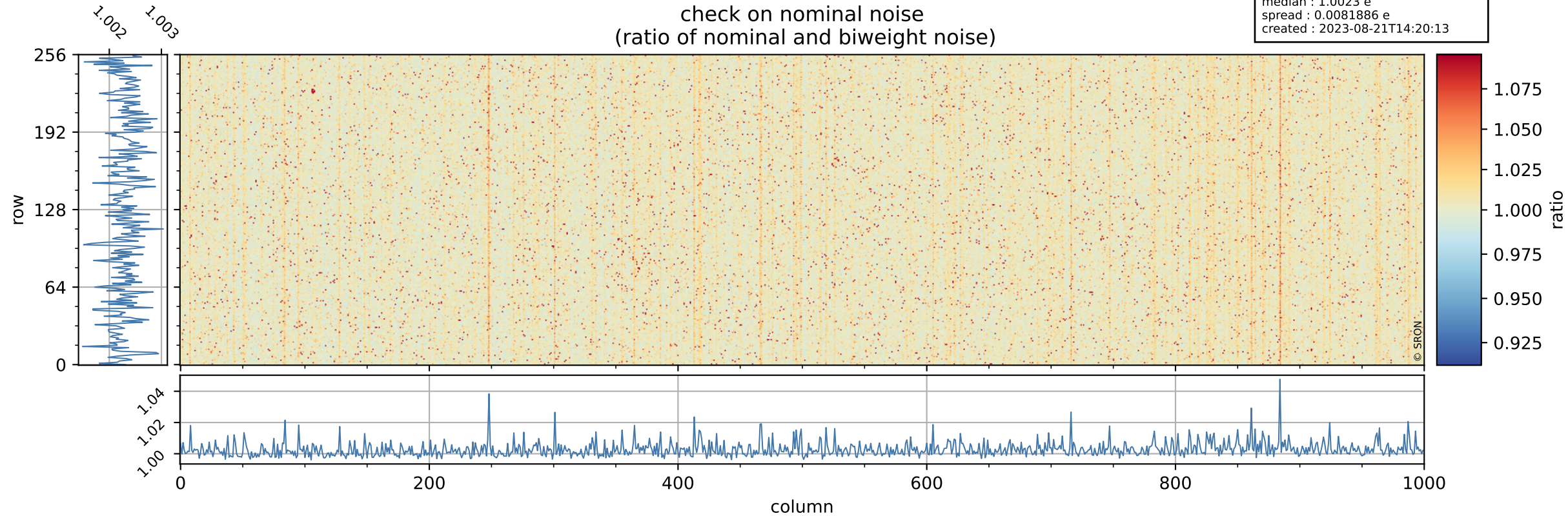
orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
median : 0.99993 e
spread : 0.0099125 e
created : 2023-08-21T14:20:12



Tropomi SWIR background noise (swir)

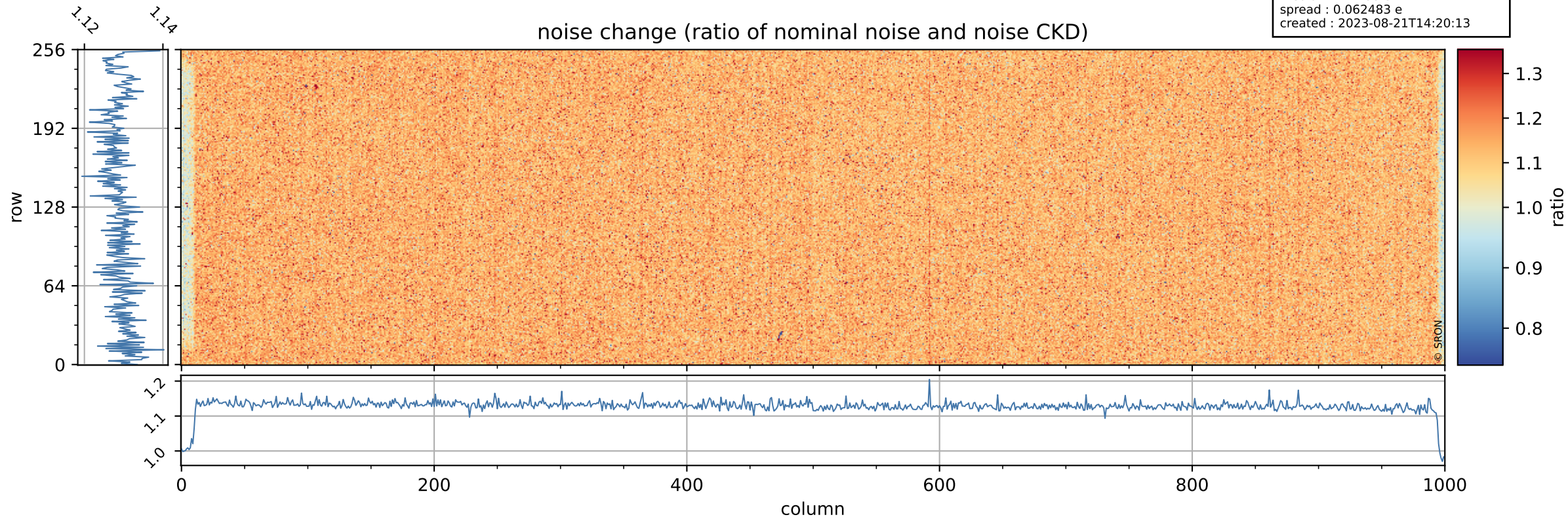
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
median : 1.0023 e
spread : 0.0081886 e
created : 2023-08-21T14:20:13



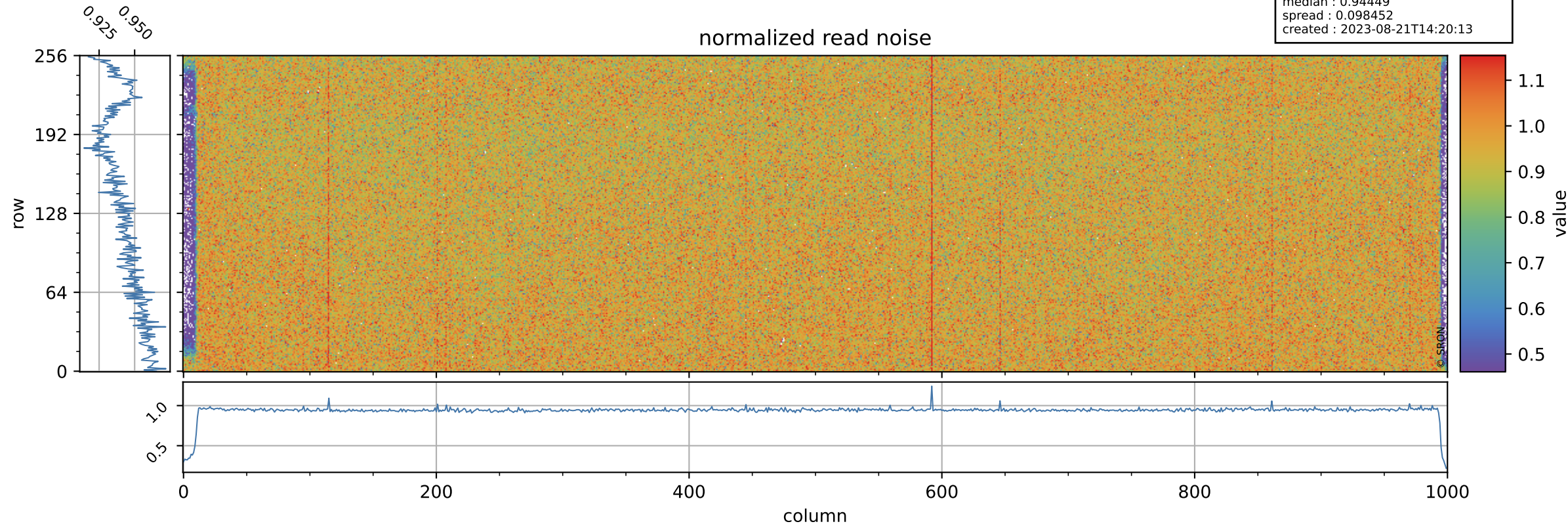
Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
median : 1.1286 e
spread : 0.062483 e
created : 2023-08-21T14:20:13



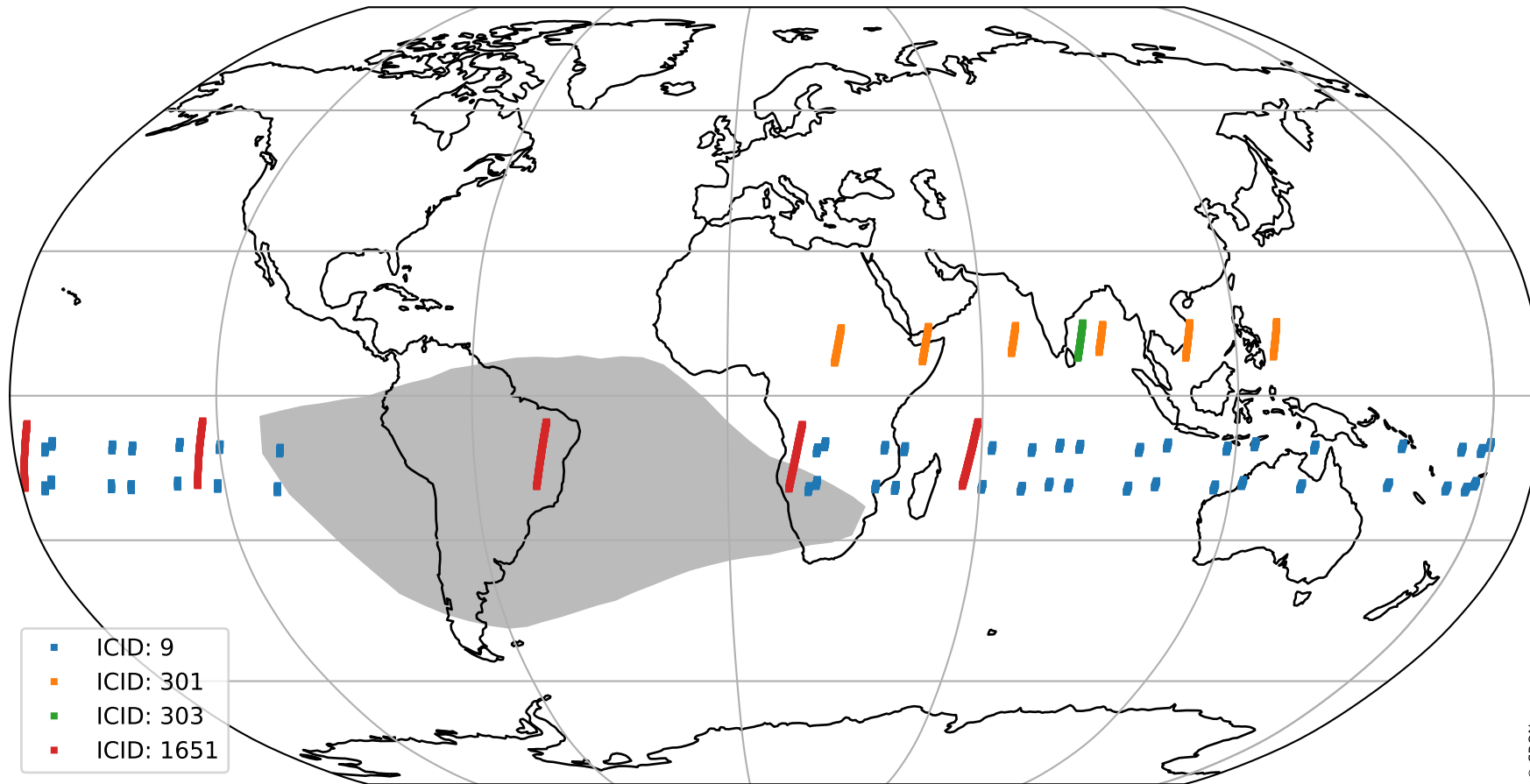
Tropomi SWIR background noise (swir)

orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
median : 0.94449
spread : 0.098452
created : 2023-08-21T14:20:13



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

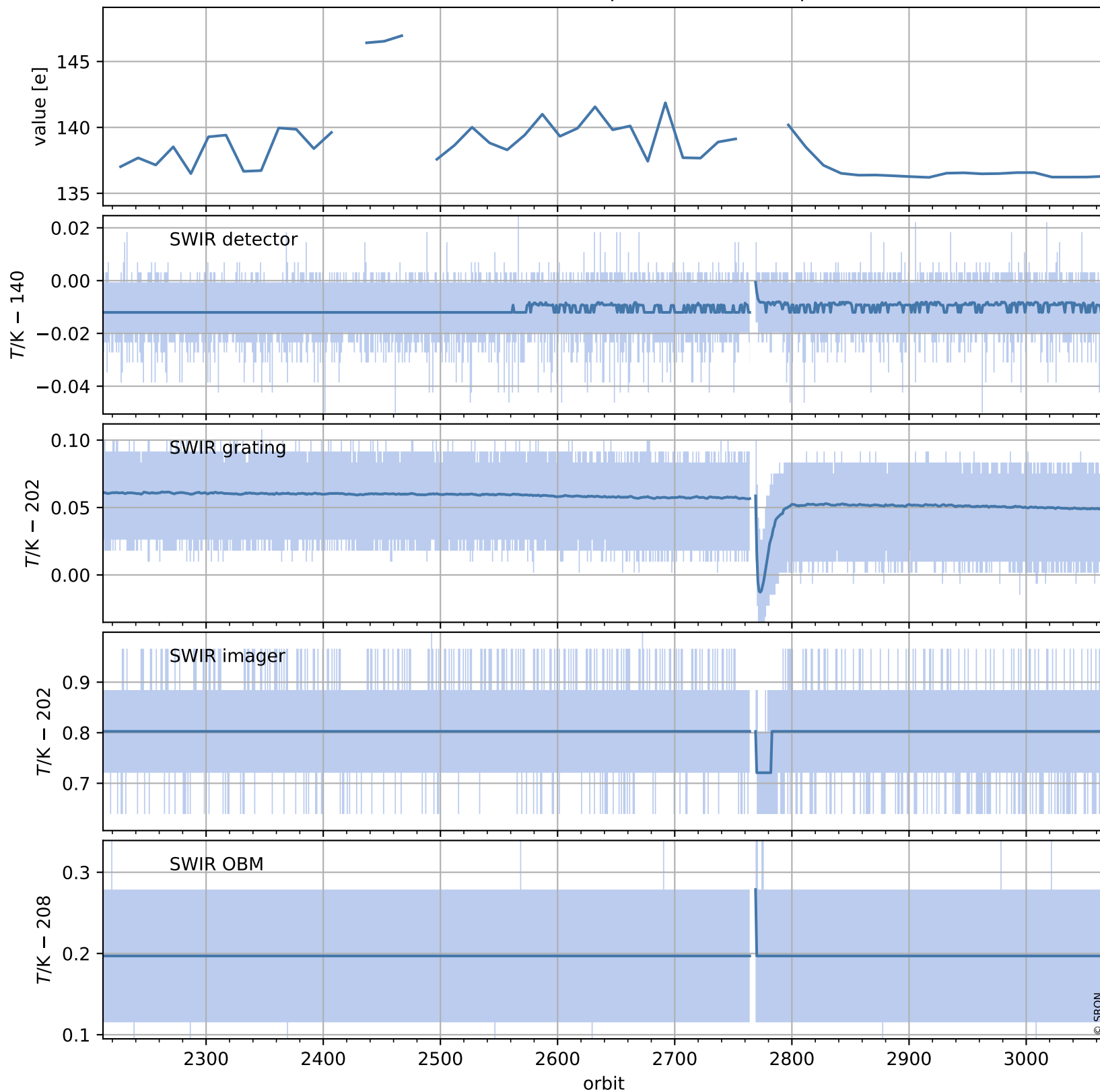
orbits : 12 in [2992, 3067]
coverage : 2018-05-11 / 2018-05-17
created : 2023-08-21T14:20:14



Tropomi SWIR background noise (swir)

orbits : [2212, 3067]
coverage : 2018-03-18 / 2018-05-17
created : 2023-08-21T14:20:14

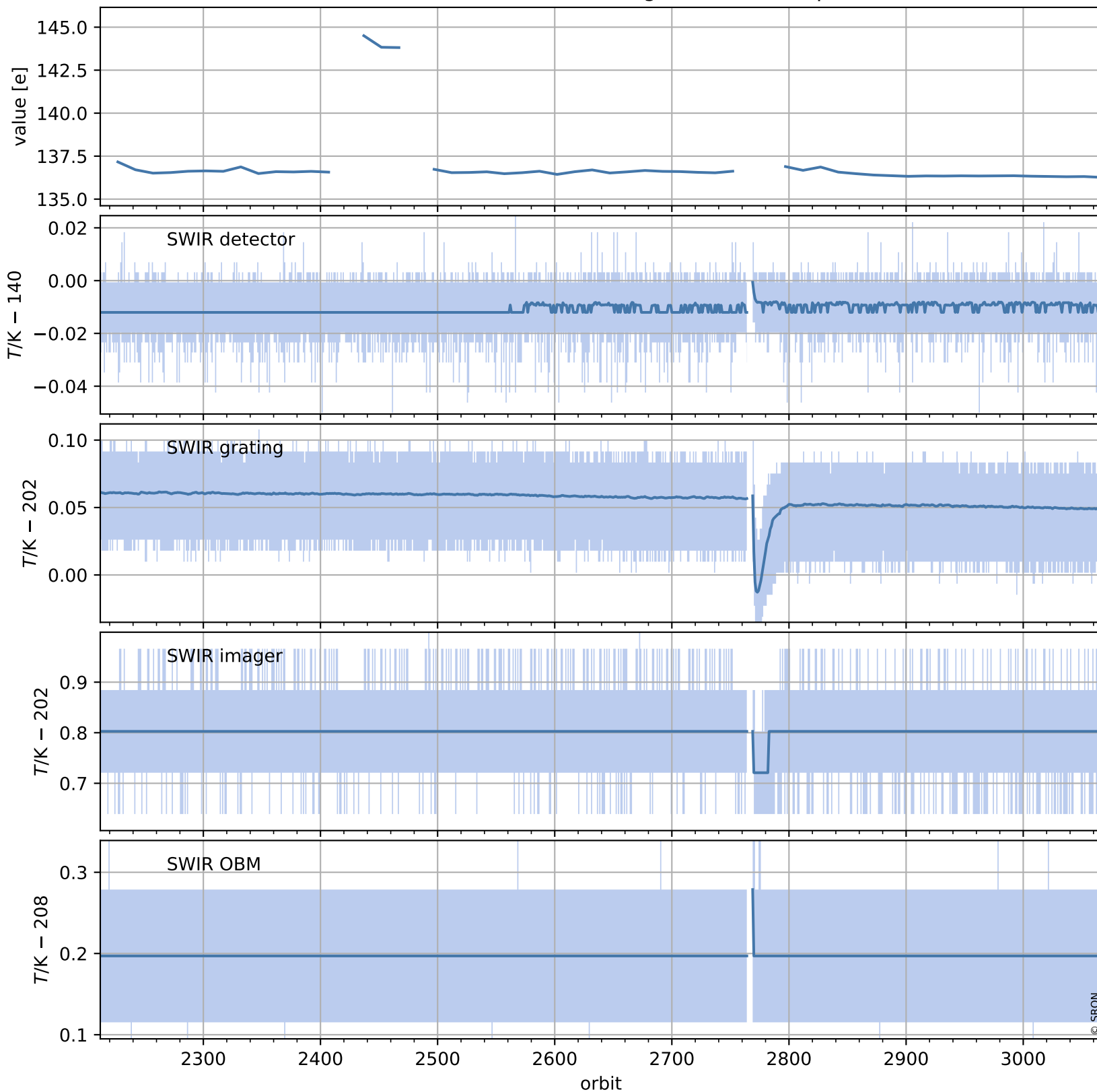
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3067]
coverage : 2018-03-18 / 2018-05-17
created : 2023-08-21T14:20:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3067]
coverage : 2018-03-18 / 2018-05-17
created : 2023-08-21T14:20:15

trend of normalized read-noise & temperatures

