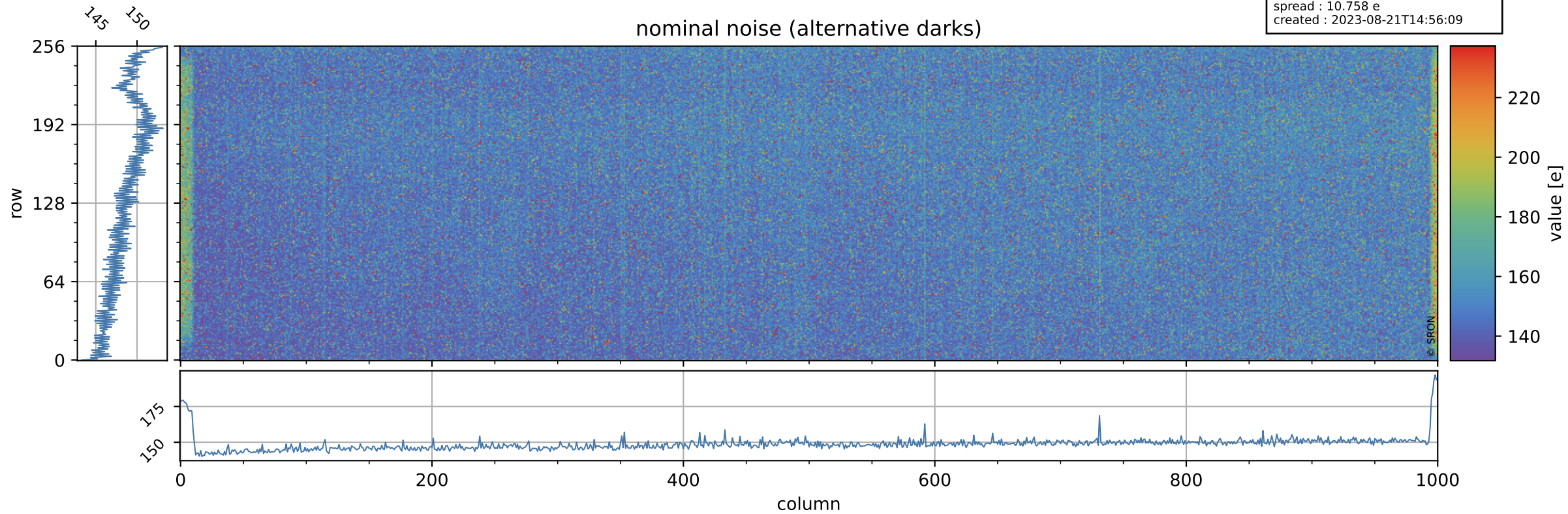


Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.758 e
created : 2023-08-21T14:56:09

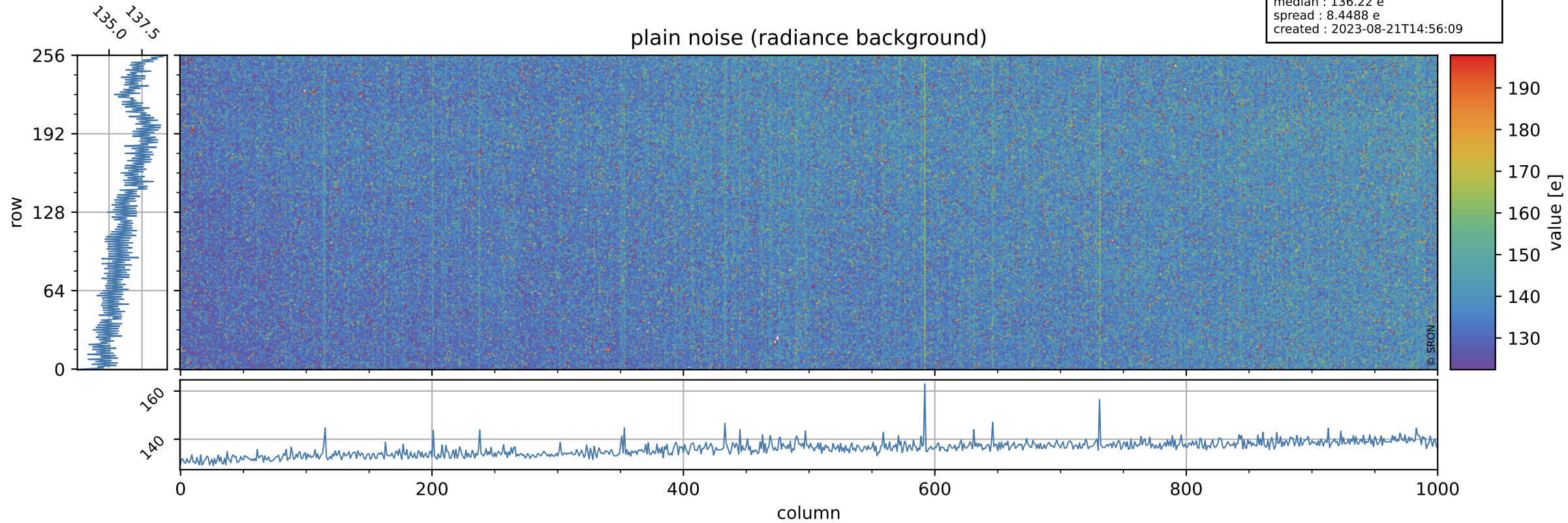
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4488 e
created : 2023-08-21T14:56:09

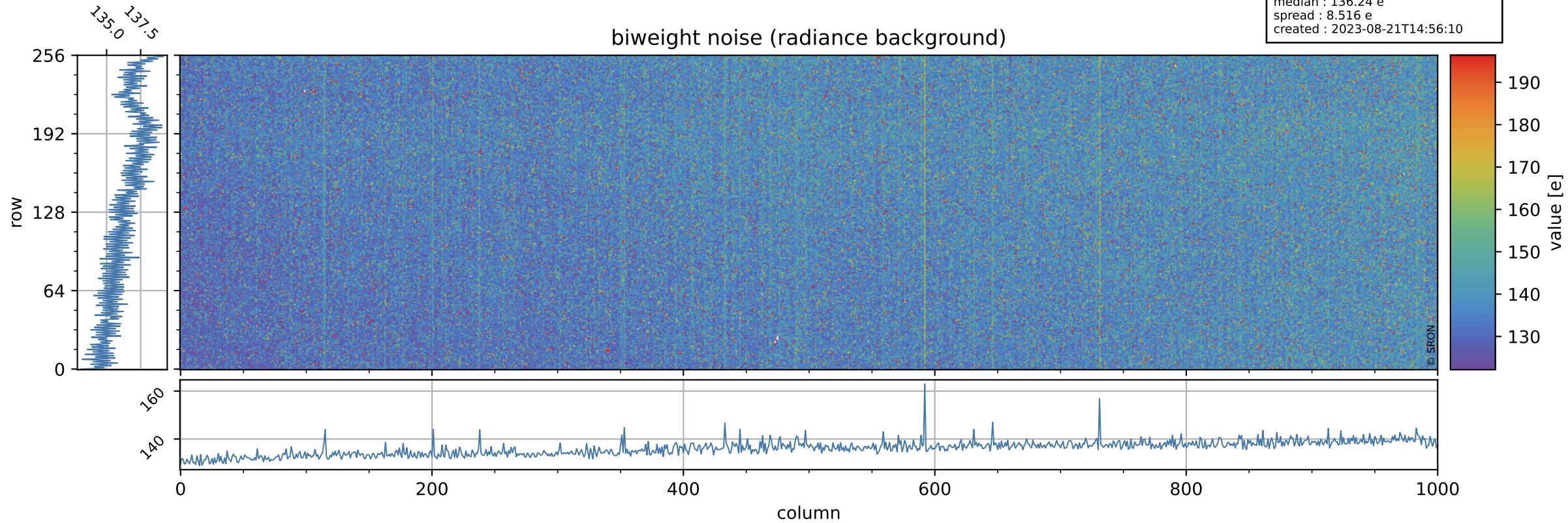
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.516 e
created : 2023-08-21T14:56:10

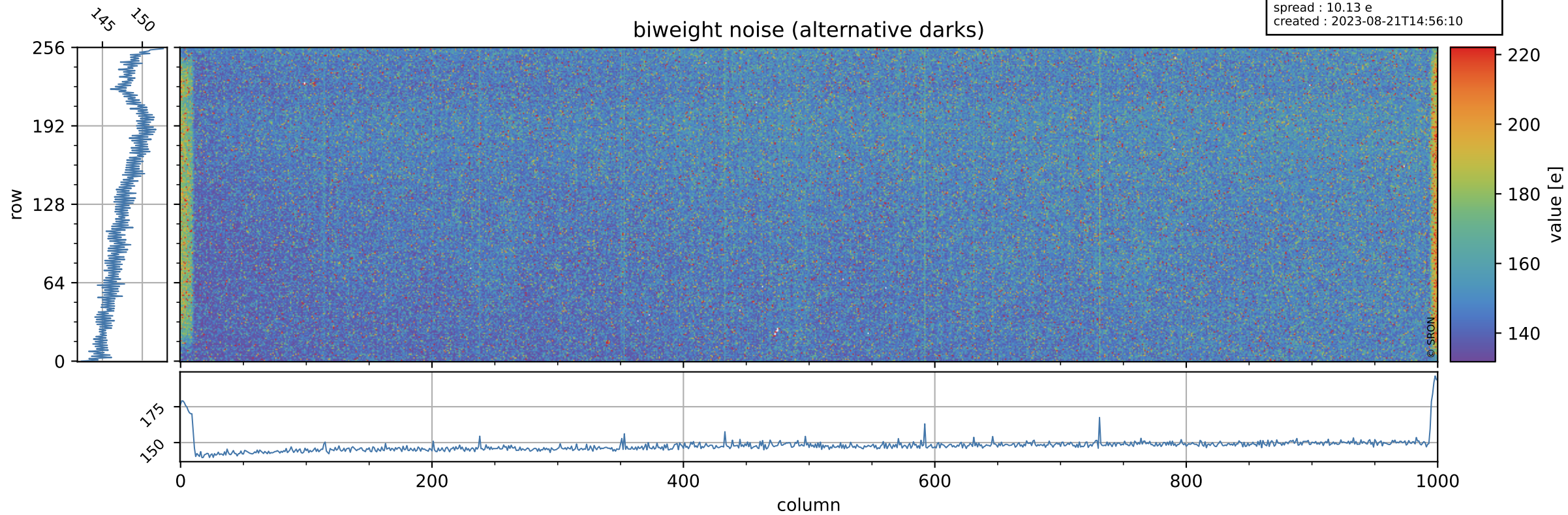
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.13 e
created : 2023-08-21T14:56:10

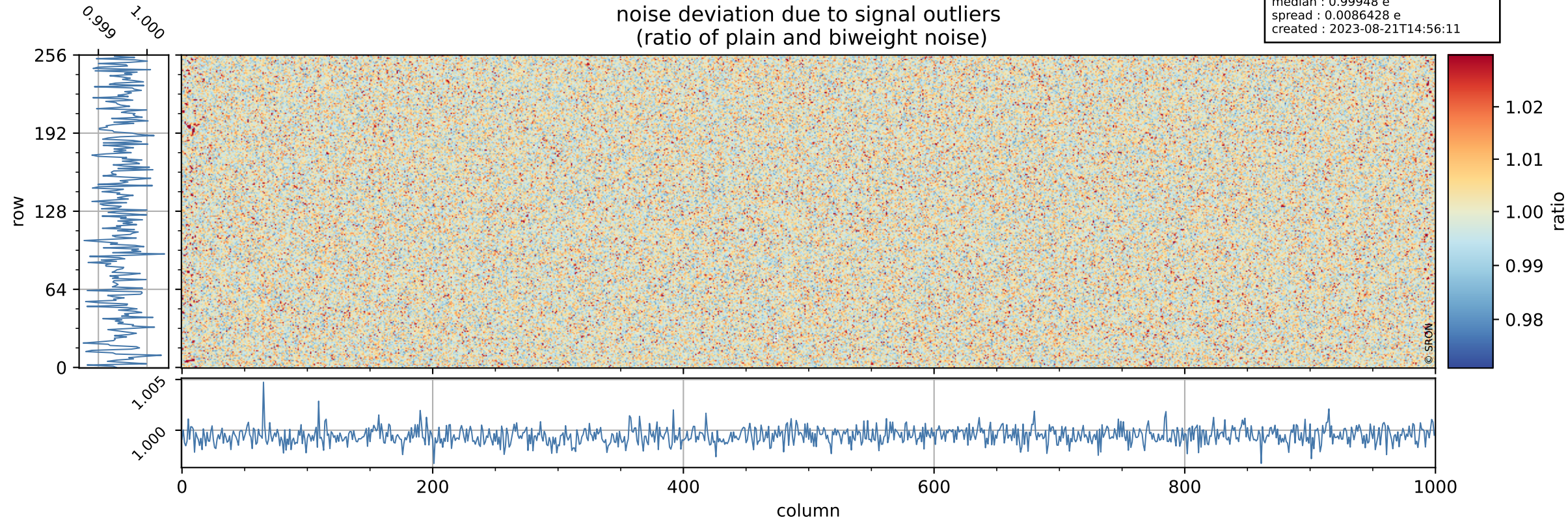
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

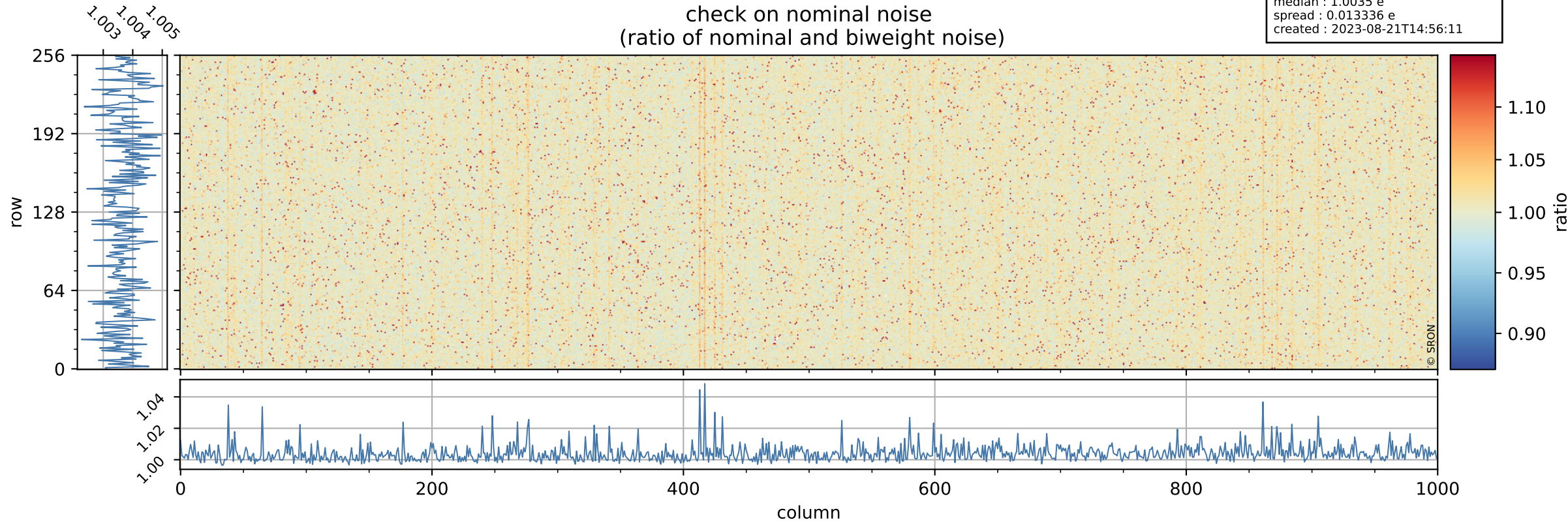
orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
median : 0.99948 e
spread : 0.0086428 e
created : 2023-08-21T14:56:11



Tropomi SWIR background noise (swir)

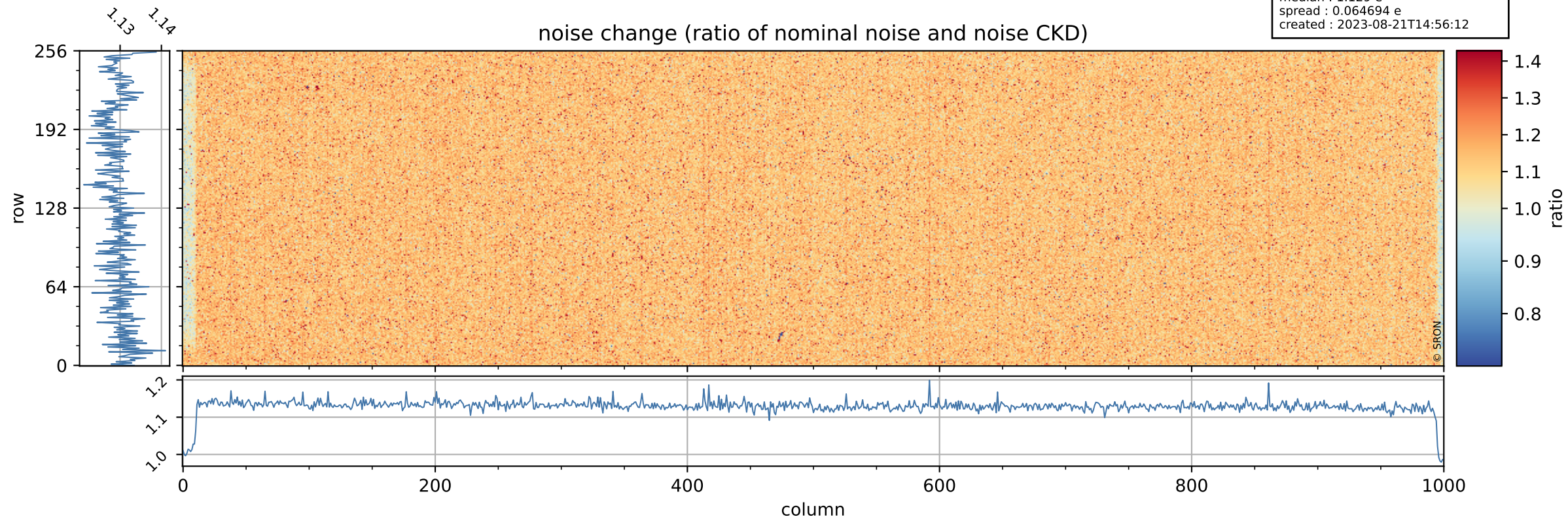
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
median : 1.0035 e
spread : 0.013336 e
created : 2023-08-21T14:56:11



Tropomi SWIR background noise (swir)

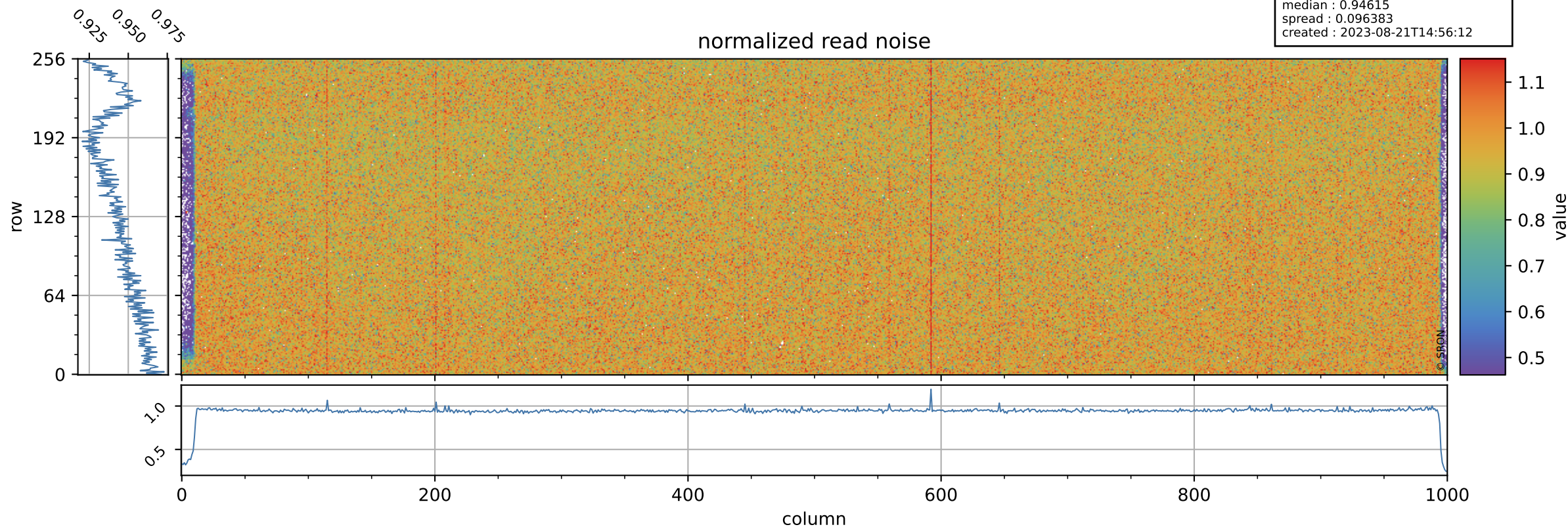
orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
median : 1.129 e
spread : 0.064694 e
created : 2023-08-21T14:56:12



Tropomi SWIR background noise (swir)

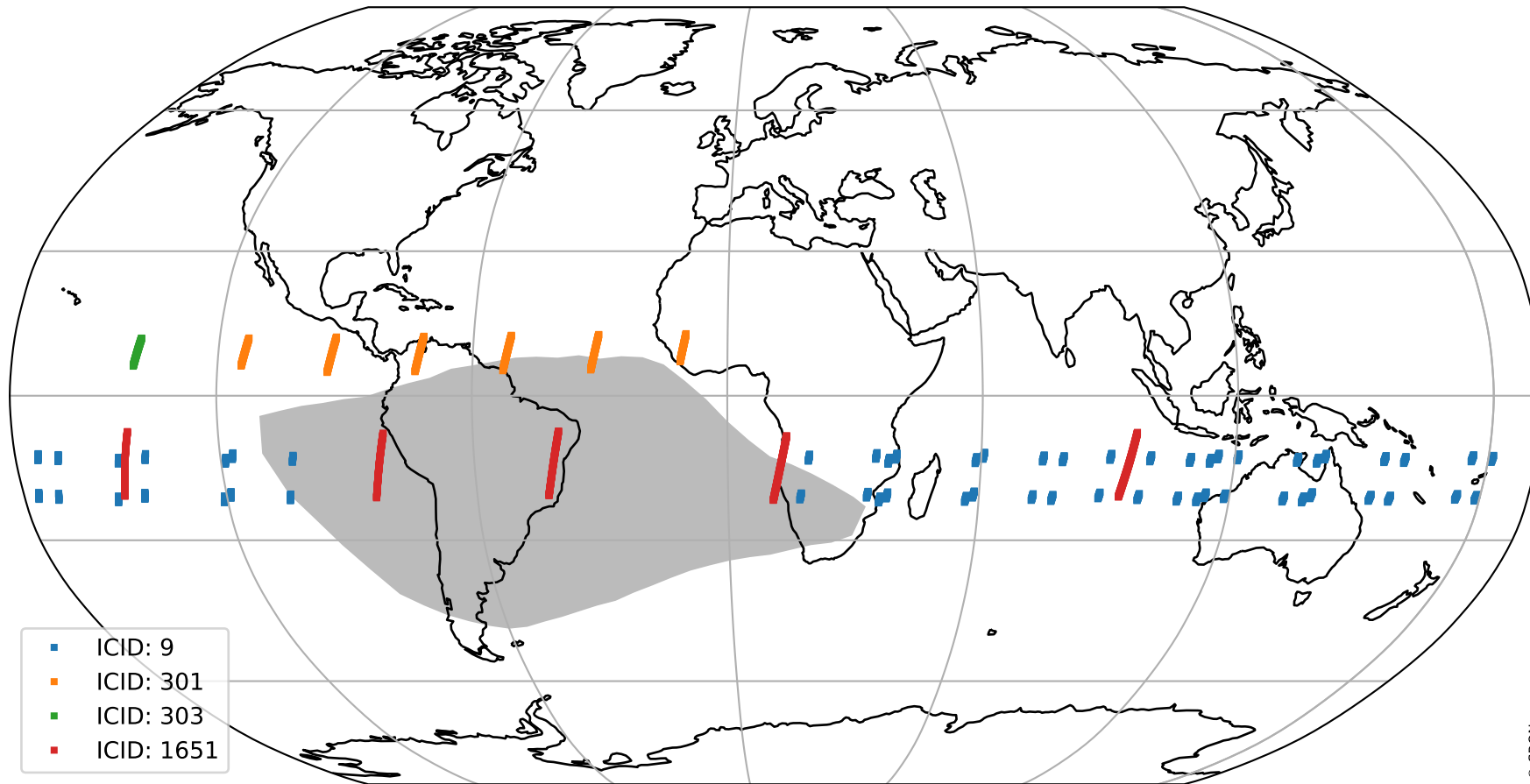
orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
median : 0.94615
spread : 0.096383
created : 2023-08-21T14:56:12

normalized read noise



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

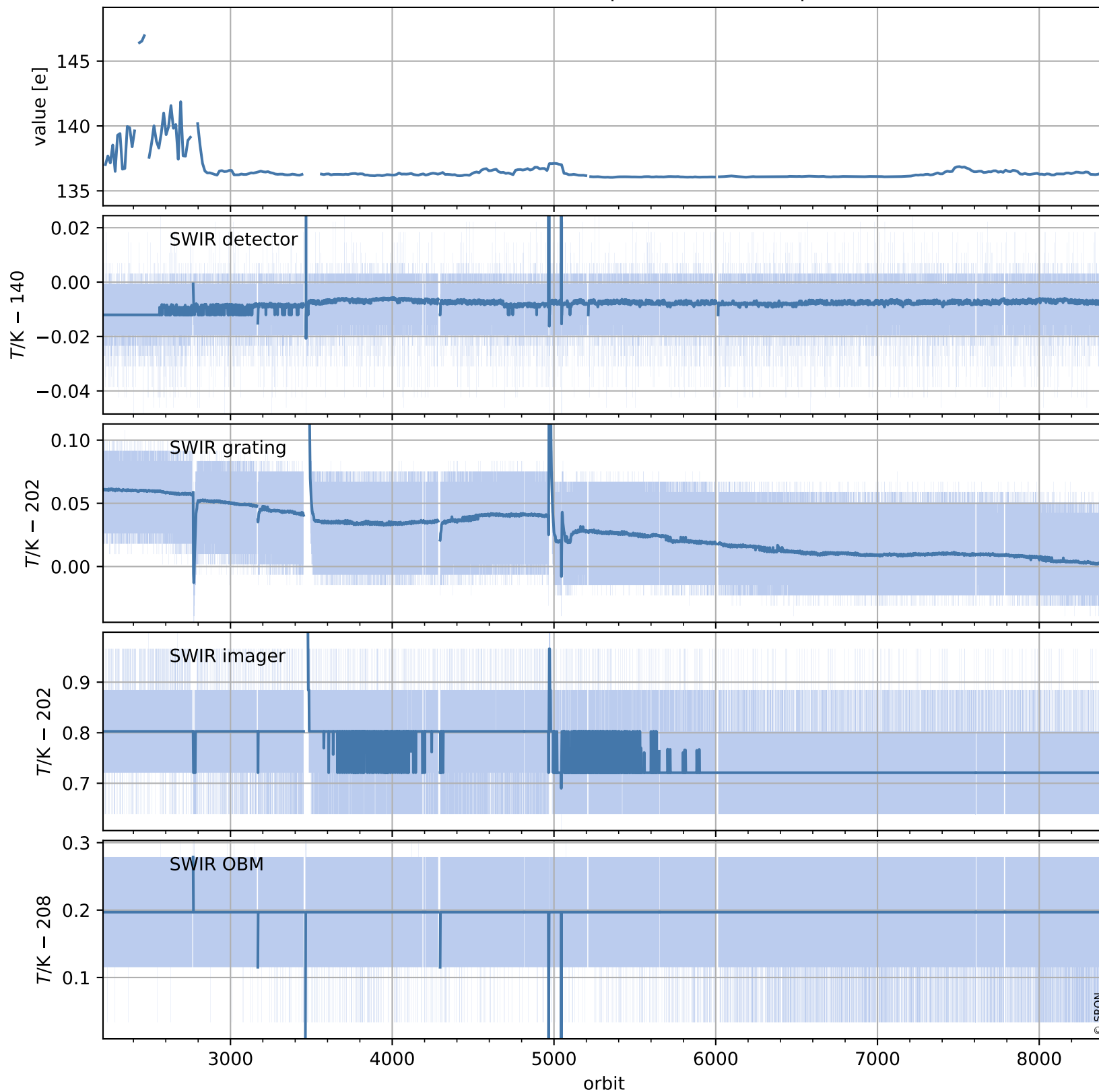
orbits : 12 in [8317, 8407]
coverage : 2019-05-23 / 2019-05-29
created : 2023-08-21T14:56:13



Tropomi SWIR background noise (swir)

orbits : [2212, 8407]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:13

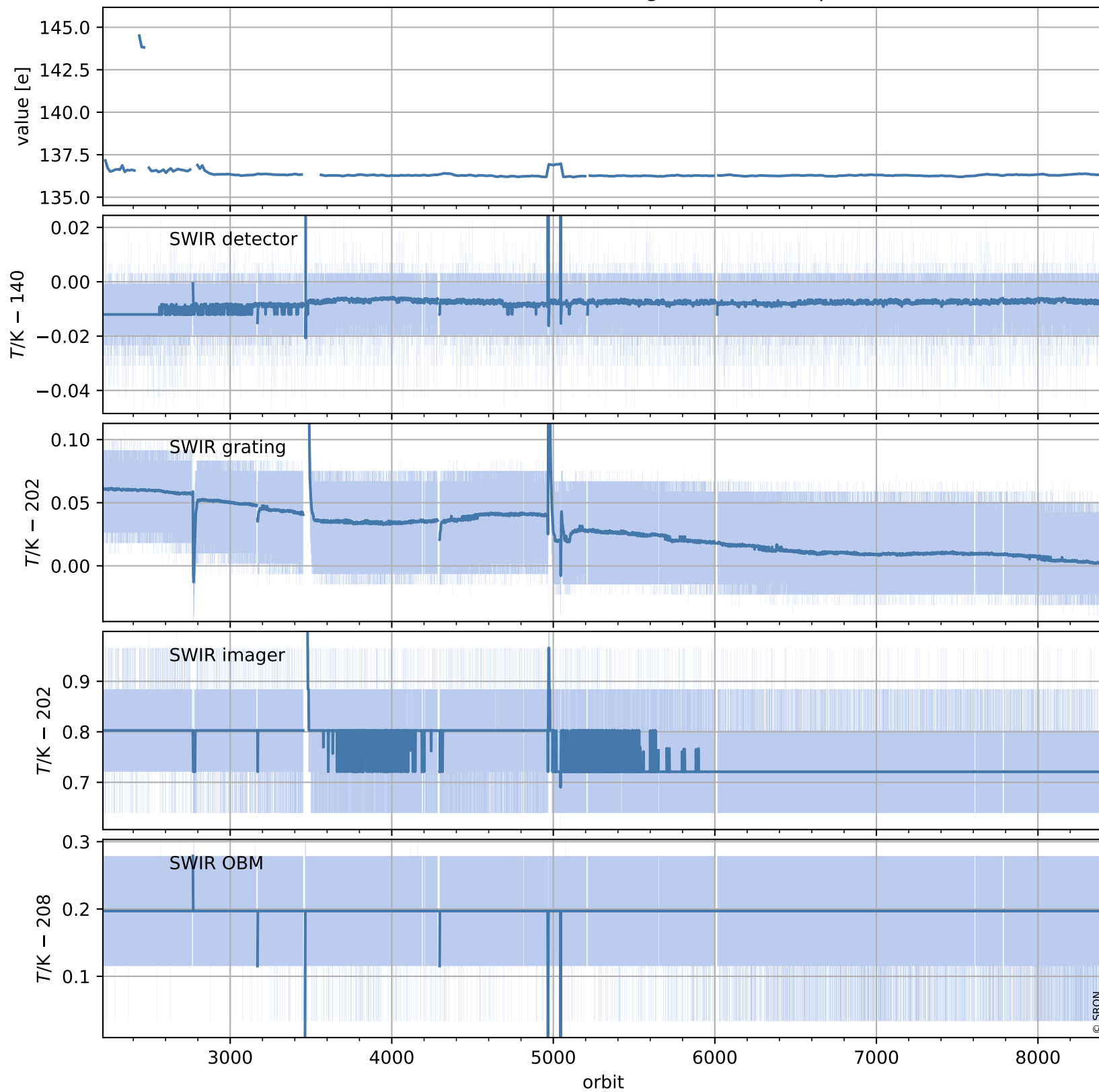
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8407]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8407]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:15

trend of normalized read-noise & temperatures

