

ISO 25178 - Roughness (S-L)

S-filter (λ_s): Gaussian, 2.5 μm

F: None

L-filter (λ_c): Gaussian, 0.8 mm

Height parameters

Sq 1.058 μm

Sa 0.9525 μm

Spatial parameters

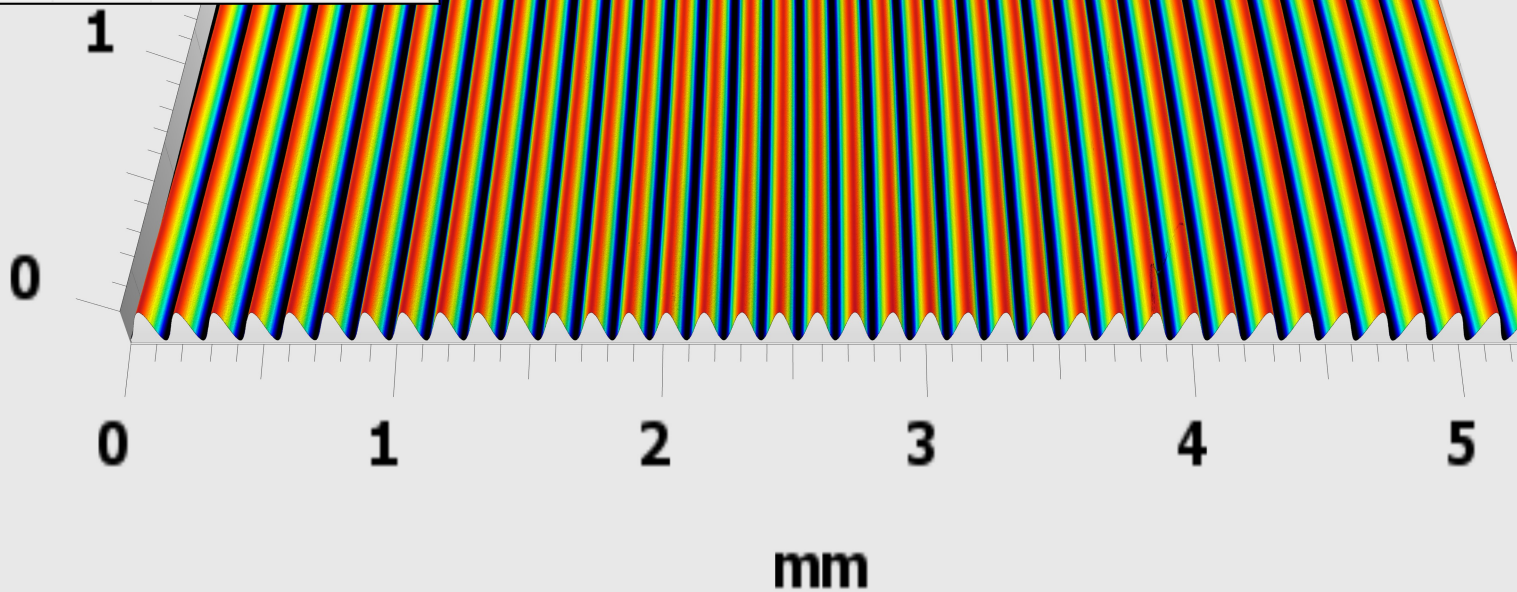
Sal 0.03018 mm

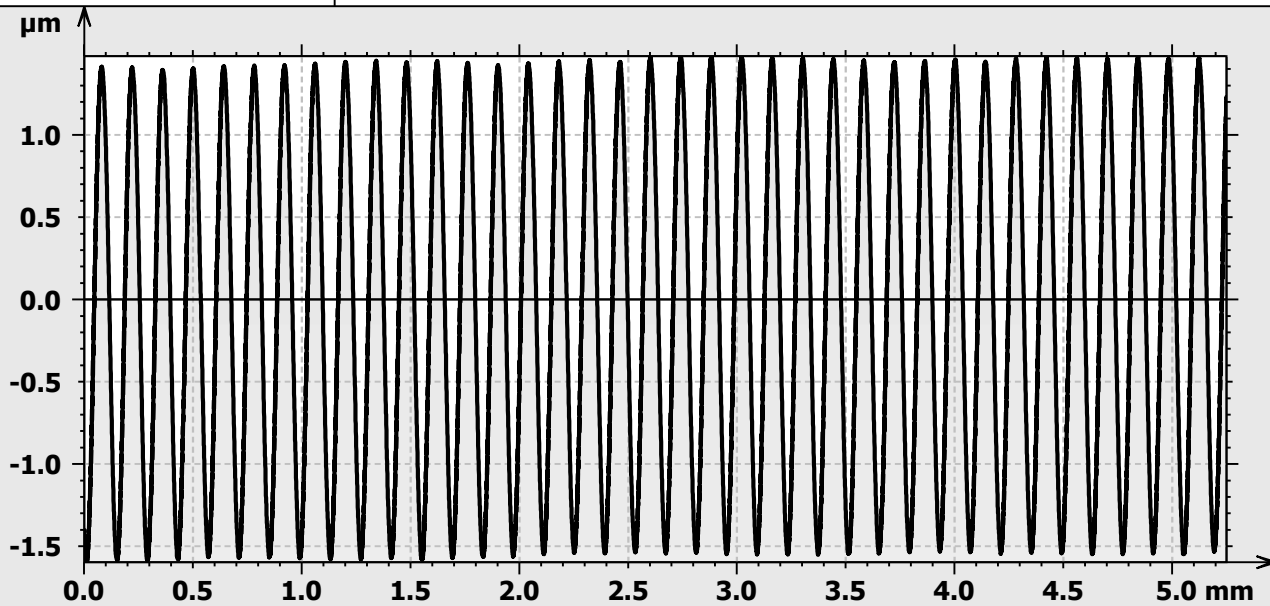
Functional parameters (stratified surfaces)

Sk 2.594 μm

Spk 0.1034 μm

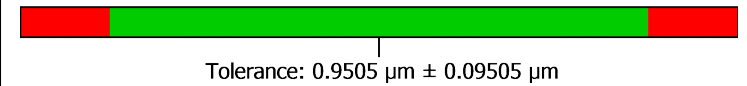
Svk 0.7487 μm





Ra - Height parameters - ISO 21920

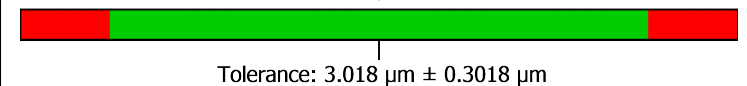
0.9505 μm



Tolerance: 0.9505 $\mu\text{m} \pm 0.09505 \mu\text{m}$

Rz - Height parameters - ISO 21920

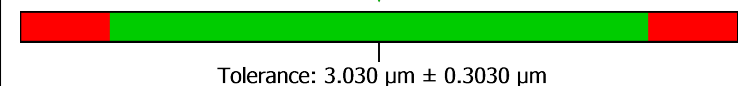
3.018 μm



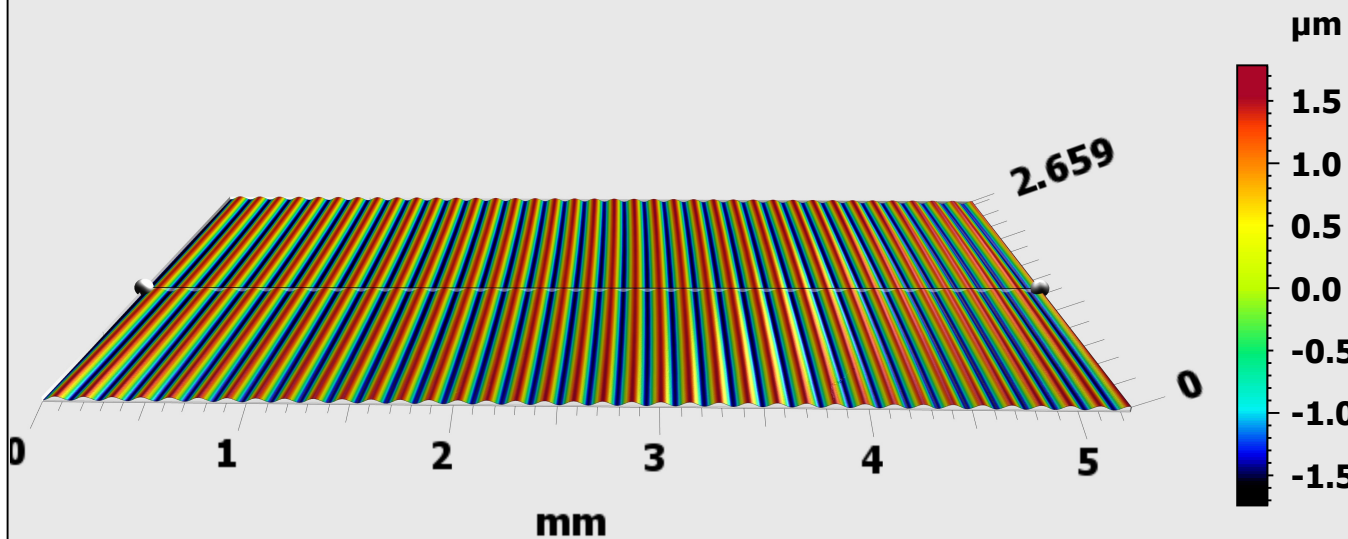
Tolerance: 3.018 $\mu\text{m} \pm 0.3018 \mu\text{m}$

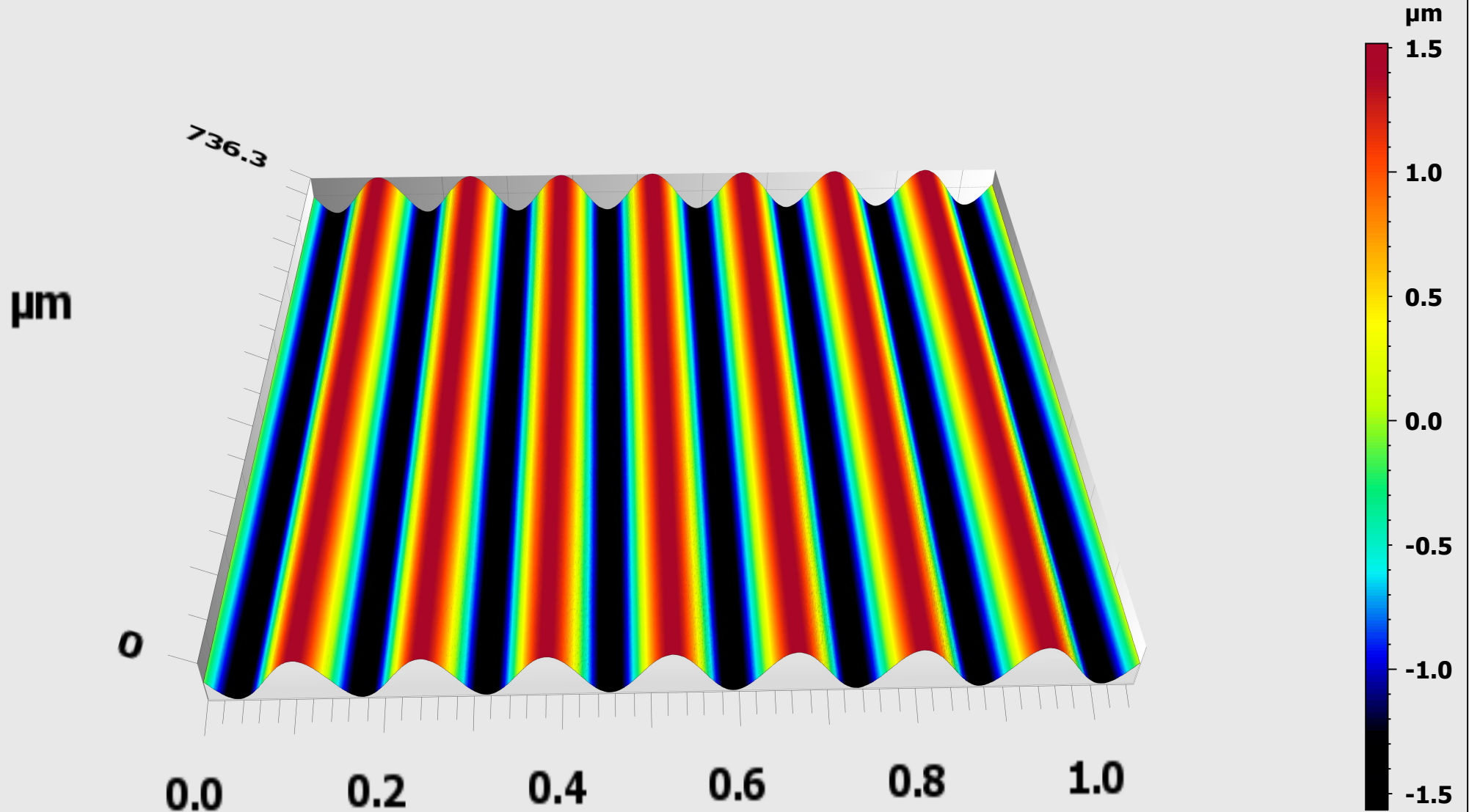
Rmax - Roughness profile parameters -
Other profile parameters

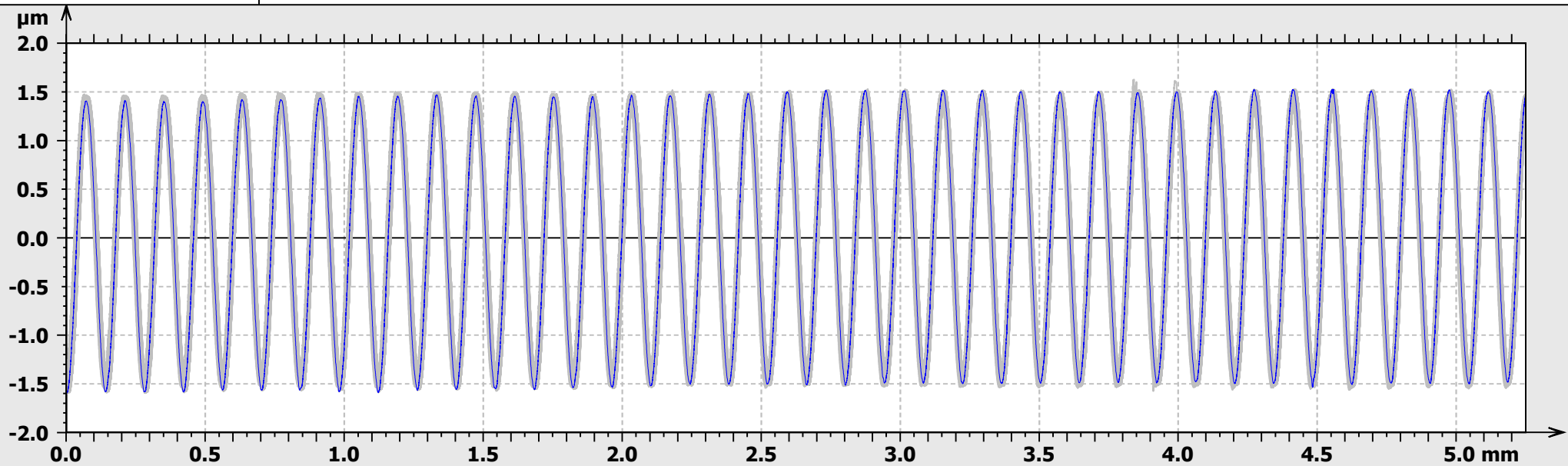
3.030 μm



Tolerance: 3.030 $\mu\text{m} \pm 0.3030 \mu\text{m}$







Context		Mean	Std dev	Min	Max	
ISO 21920 - Roughness (S-L)						
<i>S-filter (λ_s): Gaussian, 2.5 µm</i>						
<i>F: None</i>						
<i>L-filter (λ_c): Gaussian, 0.8 mm, 1 cut-off</i>						
<i>Evaluation length: All λ_c (4)</i>						
Height parameters						
Rq	µm	1.057	0.001533	1.056	1.062	
Rz	µm	<i>Average of values on: All λ_c (4)</i>		3.014	3.060	
Ra	µm	0.9512	0.001648	0.9493	0.9561	
Spatial parameters						
Ral	mm	<i>s = 0.2</i>	0.03059	3.119e-05	0.03055	0.03064