

ISO 25178 - Roughness (S-L)

S-filter (λ_s): Gaussian, 2.5 μm

F-operation: None

L-filter (λ_c): Gaussian, 0.8 mm

Height parameters

Sq 0.258 μm

Sa 0.204 μm

Spatial parameters

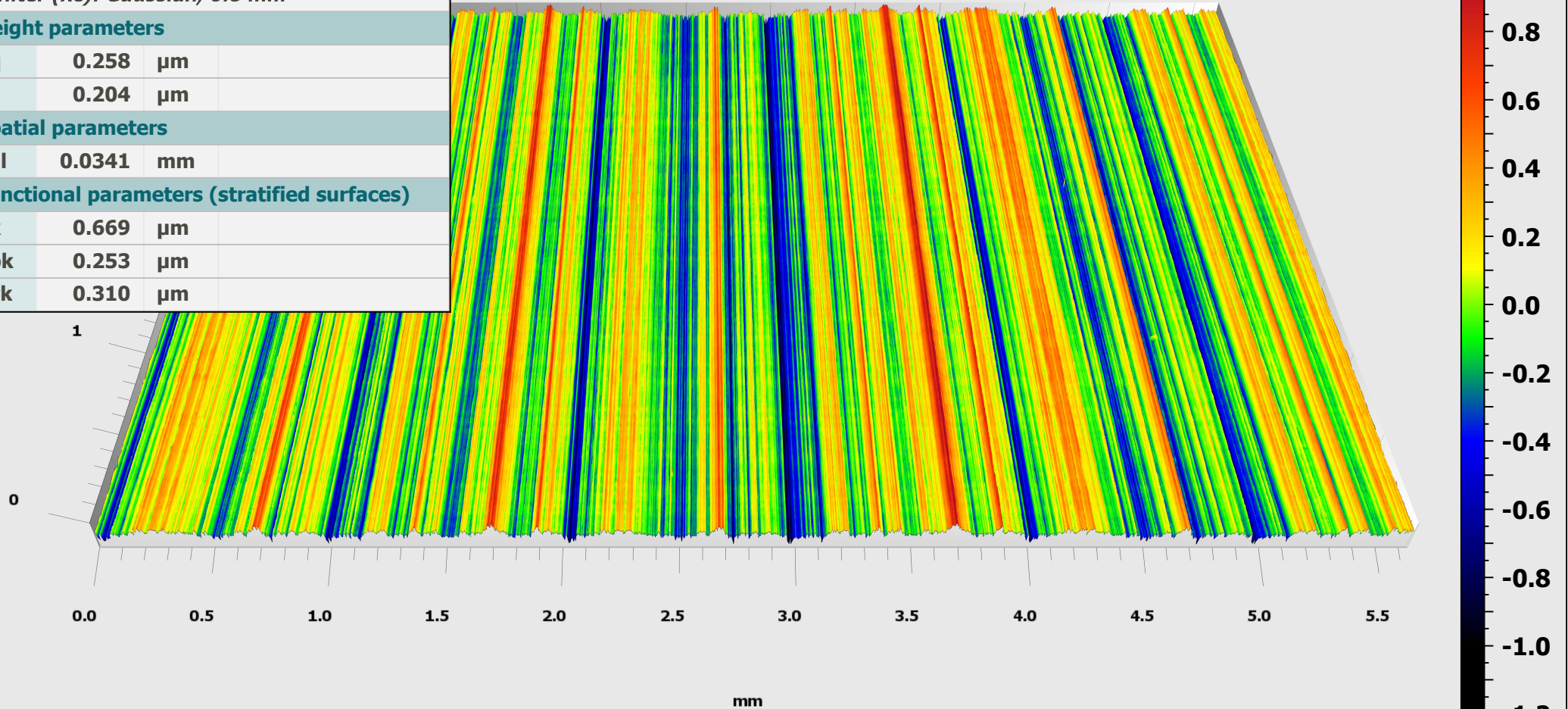
Sal 0.0341 mm

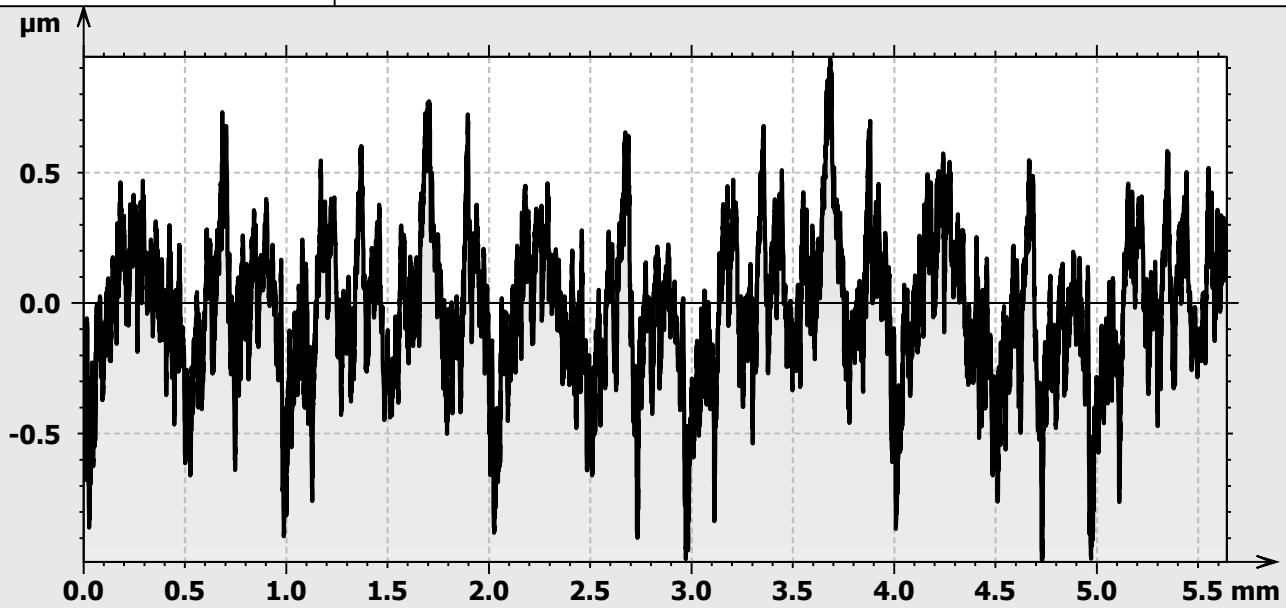
Functional parameters (stratified surfaces)

Sk 0.669 μm

Spk 0.253 μm

Svk 0.310 μm





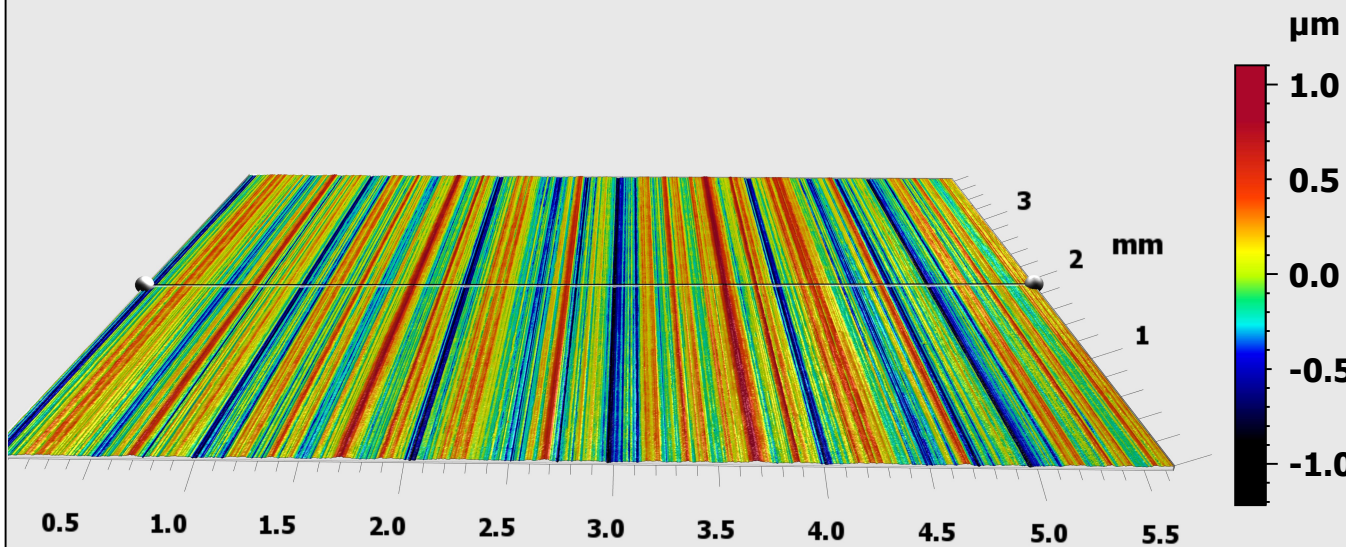
Ra - Height parameters - ISO 21920-Main

0.206 μm



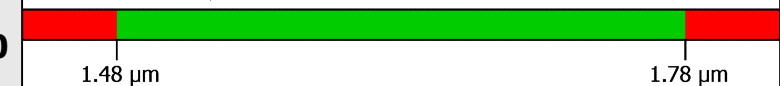
Rz - Height parameters - ISO 21920-Main

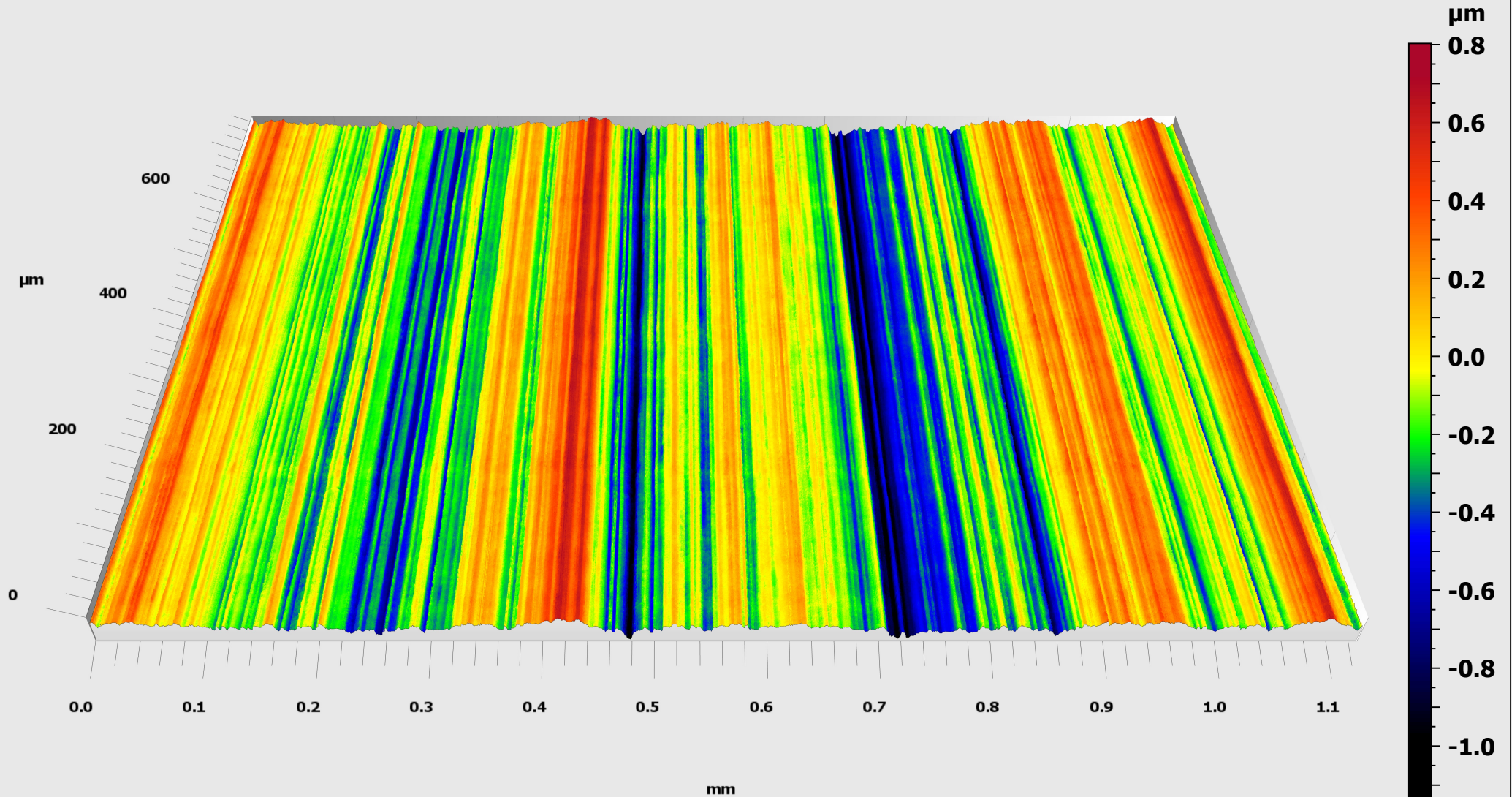
1.43 μm

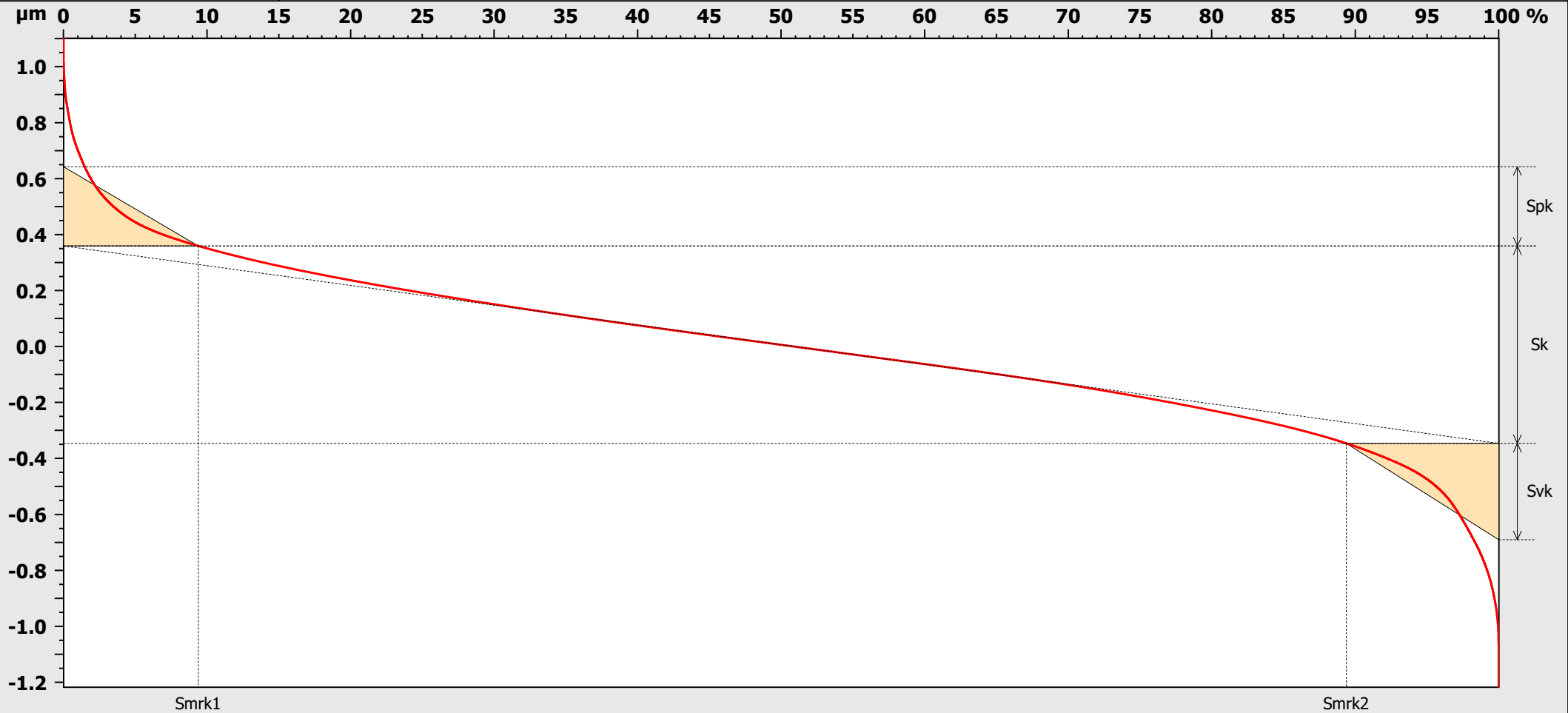


Rmax - Roughness profile parameters -
Other profile parameters

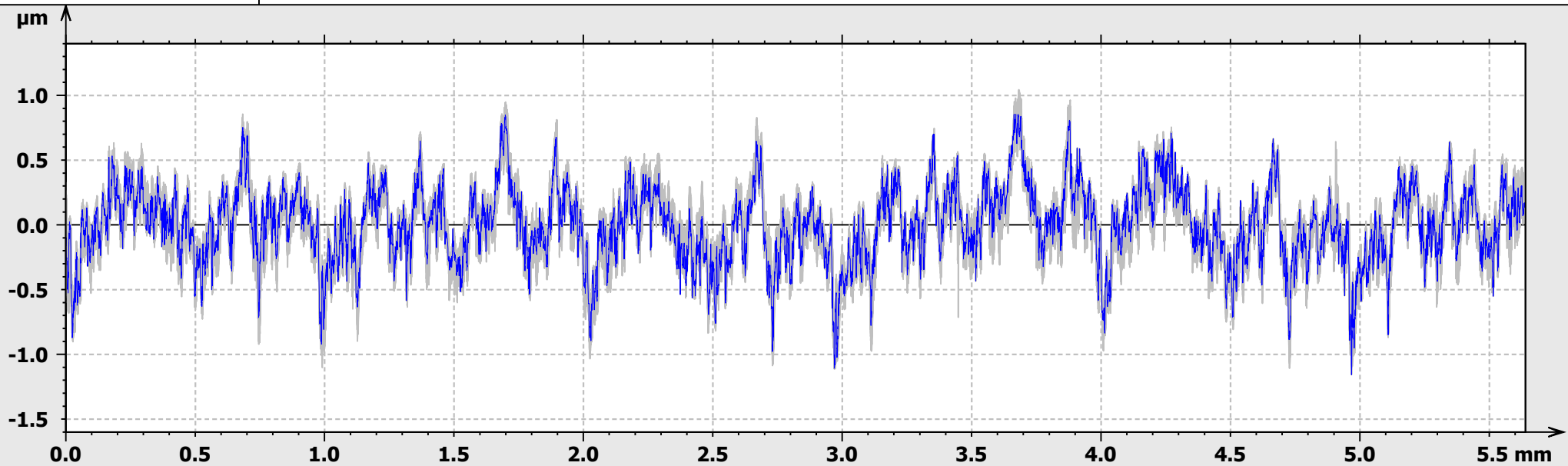
1.53 μm







Parameters	Value	Unit
Sk	0.706	µm
Spk	0.283	µm
Svk	0.344	µm



Context	Mean	Std dev	Min	Max
---------	------	---------	-----	-----

ISO 21920-Main - Roughness (S-L)

S-filter (λ_s): Gaussian, 2.5 μm

F-operation: None

L-filter (λ_c): Gaussian, 0.8 mm

Evaluation length: All λ_c (7)

Height parameters

Rq	μm	0.259	0.00143	0.257	0.263
Rz	μm	1.48	0.0214	1.42	1.54
Ra	μm	0.204	0.00146	0.201	0.208

Spatial parameters

Ral	mm	$s = 0.2$	0.0338	0.000916	0.0324	0.0367
-----	----	-----------	--------	----------	--------	--------