Reflectivity Analysis Report

Date: March 31,2021

Sample

The multilayer structures of the following sample have been studied.
- Sample name: 2V022501 Fe20m Hirayama left
- Measured data file: 20210331-1.ras
- Project file: 20210331-1bk.gfp

Analysis condition

- Wavelength (A): 1.540593
- Divergence (deg): 0.01
- 2-theta offset (deg): 0.0[--]
- Scale factor: 0.75[--]
- Background parameter: 0.00000041(6)

Results

ID	Material	Thickness (nm)	Density (g/cm3)	Roughness (nm)
4	Fe2O3	0.911(10)	6.72(12)	0.817(4)
3	Fe2O3	1.080(15)	5.096(16)	0.1(5)
2	Fe	30.239(8)	7.4[--]	0.27(7)
1	Fe	0.36(13)	2.6(9)	0.430(3)
Sub.	Si	0.0[--]	2.33[--]	0.3[--]

X線反射率プロファイル

密度分布