

# Reflectivity Analysis Report

Date: March 31,2021

## Sample

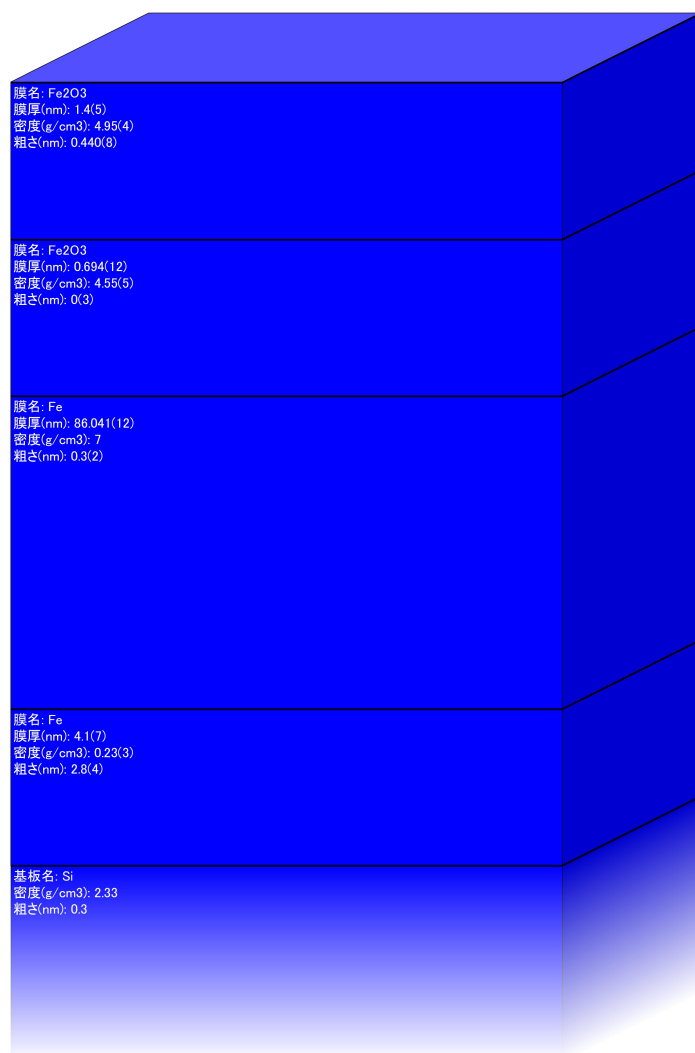
The multilayer structures of the following sample have been studied.

- Sample name: 2V032701 Fe20m Hirayama center3
- Measured data file: 20210331-4.ras
- Project file: 20210331-4bk.gfp

## Analysis condition

- Wavelength (Å): 1.540593
- Divergence (deg): 0.01
- 2-theta offset (deg): 0.0[--]
- Scale factor: 1.396(12)
- Background parameter: 0.00000236(7)

## Results



ID	Material	Thickness (nm)	Density (g/cm <sup>3</sup> )	Roughness (nm)
4	Fe <sub>2</sub> O <sub>3</sub>	1.4(5)	4.95(4)	0.440(8)
3	Fe <sub>2</sub> O <sub>3</sub>	0.694(12)	4.55(5)	0(3)
2	Fe	86.041(12)	7[--]	0.3(2)
1	Fe	4.1(7)	0.23(3)	2.8(4)
Sub.	Si	0.0[--]	2.33[--]	0.3[--]

