SENIS
magnetic & current measurement

Calibration supplement for 3D Hall probe

Transducer Type	**F3A-03HM05D-S.1T-02T-2K5J**	S/N	**HPFA30044320**
Data aquisition device	**NIDAQ XYZ**	S/N	**01A55983,01BED793**

Bx axis calibration coefficients

Range	K1	K2	K3	K4	K5	K6	K7
100 mT	0.216	0.0000277	0.0047	0.00369	0.675	0.34	57
500 mT	0	0	0	0	1	0	1
2 T	0.051	0.0002175	0.0039586	0	0.943	0.34	57

By axis calibration coefficients

Range	K1	K2	K3	K4	K5	K6	K7
100 mT	0.065	0.0000318	0.002195	-0.00047	0.654	0.34	57
500 mT	0	0	0	0	1	0	1
2 T	0.083	0.0001815	0.0013675	0	0.917	0.34	57

Bz axis calibration coefficients

Range	K1	K2	K3	K4	K5	K6	K7
100 mT	0.03	0.0000277	0.0046	0.00123	0.676	0.34	57
500 mT	0	0	0	0	1	0	1
2 T	0.092	0.0002203	0.0038	0	0.943	0.34	57

	K1	K2	K3	K4	K5	K6	K7
Annotation	Offset	Nonlinearity	TC Sensitivity	TC Offset	Sensitivity	Temp. Offset	Temp. Gain

Probe offsets

	Bx [mT]	By [mT]	Bz [mT]
100 mT	-0.010	-0.010	0.010
500 mT	0.000	0.000	0.000
2 T	-0.050	0.000	-0.050

Probe dimensions

X_{FSV} [mm]	Y_{FSV} [mm]	Z_{FSV} [mm]
0.49	0.99	0.3

X_{TOT} [mm]	Y_{TOT} [mm]
0.77	2.01
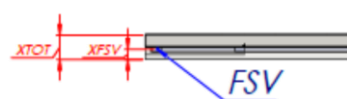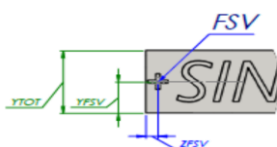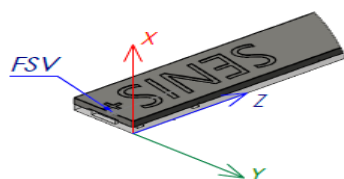
Conducted by:	**Date:** 12.10.2020.