



Annex C

Appendix No.: 1-8140-24-01-05_TR2-A301-R01 – WPT 125 kHz

Testing Laboratory

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Appendix with Calibration data



Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

Cetecom Advanced
Saarbrücken, Germany

Certificate No.

MAGPy-8H3D-3079_Nov24

CALIBRATION CERTIFICATE

Object

MAGPy-8H3D+E3DV2 SN:3079
MAGPy-DASV2 SN:1023

Calibration procedure(s)

QA CAL-46.v1
Calibration Procedure for MAGPy-8H3D+E3D
Near-field Electric and Magnetic Field Sensor System

Calibration date

November 06, 2024

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Oscilloscope	SN: 110918	03-Sep-24 (No. 4030A315008835)	Sep-25
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch	SN: 310982 / 06327	26-Mar-24 (No. 217-04047)	Mar-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Network Analyzer E5061B	SN: MY49810822	In house check: Nov-23	In house check: Nov-24
TEM Cell	SN: S6029i	In house check: Nov-23	In house check: Nov-24
Plate Capacitor	SN: 6028i	In house check: Nov-23	In house check: Nov-24
Resonator (160kHz)	SN: 6030i	In house check: Nov-23	In house check: Nov-24

	Name	Function	Signature
Calibrated by	Aidonia Georgiadou	Laboratory Engineer	
Approved by	Sven Kühn	Technical Manager	

Issued: November 06, 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Calibration Laboratory of

Schmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary

MAGPy-8H3D-E3D Magnetic Amplitude and Gradient Probe – Eight H-field Sensors, Single E-field sensor
MAGPy-DAS Magnetic Amplitude and Gradient Data Acquisition System

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1309-2013, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", November 2013

Methods Applied and Interpretation of Parameters

- Calibration has been performed after the adjustment of the device.
- *Linearity*: Calibration of the linearity of the field reading over the specified dynamic range at 161.75 kHz. Influence of offset voltage is included in this measurement.
- *Frequency response*: Calibration of the field reading over the specified frequency range from 3.0 kHz to 10.0 MHz.
- Receiving Pattern: Assessed for H-field polarizations ϑ , and $\phi = 0^\circ \dots 360^\circ$; $\vartheta = 90^\circ$, and $\phi = 0^\circ \dots 360^\circ$; for the XYZ sensors (in TEM-Cell at 4 kHz, 40 kHz, 400 kHz and 4 MHz).
- Receiving Pattern: Assessed for E-field polarizations ϑ , and $\phi = 0^\circ \dots 360^\circ$; $\vartheta = 90^\circ$, and $\phi = 0^\circ \dots 360^\circ$; for the XYZ sensor (in parallel plate capacitor at 4 kHz, 40 kHz, 400 kHz and 4 MHz).

Calibration Uncertainty

The calibration uncertainty is 0.7 dB for the H-field readings and 1.06 dB for the E-field readings. The calibration uncertainty is specified over the frequency range from 3.0 kHz to 10.0 MHz and a dynamic range from 0.1 A/m to 3200 A/m and from 0.08 V/m to 2000 V/m respectively.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

Unit Type	MAGPy-8H3D+E3DV2 (SP MGY 303 AA)	3079
	MAGPy-DASV2 (SE UMS 303 AE)	1023
	MAGPy FPGA Board	WP000009
Adjustment Date	Last MAGPy Adjustment	November 06, 2024
Firmware SW Version	MAGPy Firmware	Ver. 1.00
Backend SW Version	MAGPy Backend	Ver. 1.0.2
Calibration SW Version	MAGACAP	Ver. 1.0

Dynamic Range

Dynamic Range, H-field, Channel 0

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.410	0.390	0.380	0.430	0.410	0.400	0.41	0.43	0.45	±1.00
0.550	0.530	0.520	0.560	0.550	0.540	0.16	0.32	0.33	±1.00
0.760	0.730	0.710	0.750	0.750	0.710	-0.12	0.23	0.00	±1.00
0.990	0.950	0.930	0.990	0.980	0.920	0.00	0.27	-0.09	±1.00
1.34	1.29	1.25	1.34	1.28	1.25	0.00	-0.07	0.00	±1.00
1.84	1.77	1.72	1.84	1.75	1.72	0.00	-0.10	0.00	±1.00
2.45	2.35	2.29	2.44	2.35	2.29	-0.04	0.00	0.00	±0.20
3.27	3.14	3.06	3.25	3.15	3.07	-0.05	0.03	0.03	±0.20
4.43	4.26	4.15	4.43	4.27	4.16	0.00	0.02	0.02	±0.20
5.99	5.76	5.62	6.01	5.77	5.63	0.03	0.02	0.02	±0.20
8.04	7.75	7.55	8.07	7.76	7.58	0.03	0.01	0.03	±0.20
10.7	10.3	10.1	10.8	10.3	10.1	0.08	0.00	0.00	±0.20
14.5	14.0	13.6	14.6	14.0	13.7	0.06	0.00	0.06	±0.20
19.6	18.8	18.3	19.6	18.8	18.4	0.00	0.00	0.05	±0.20
26.4	25.4	24.7	26.5	25.5	24.8	0.03	0.03	0.04	±0.20
35.3	34.0	33.1	35.5	34.1	33.3	0.05	0.03	0.05	±0.20
47.6	45.9	44.7	47.9	46.1	44.9	0.05	0.04	0.04	±0.20
64.6	62.2	60.6	64.9	62.5	60.9	0.04	0.04	0.04	±0.20
88.7	85.4	83.2	88.3	85.1	82.8	-0.04	-0.03	-0.04	±0.20
116	112	109	116	111	108	0.00	-0.08	-0.08	±0.20
159	153	149	159	153	149	0.00	0.00	0.00	±0.20
221	212	207	220	212	207	-0.04	0.00	0.00	±0.20
305	294	286	300	289	281	-0.14	-0.15	-0.15	±0.20
450	433	421	444	428	416	-0.12	-0.10	-0.10	±0.20
619	596	580	615	592	576	-0.06	-0.06	-0.06	±0.20
922	887	863	926	891	867	0.04	0.04	0.04	±0.20
1390	1340	1300	1420	1360	1330	0.19	0.13	0.20	±0.30
1890	1820	1770	1950	1870	1820	0.27	0.24	0.24	±0.30
3080	2960	2880	3200	3080	3000	0.33	0.35	0.35	±0.50
3670	3530	3450	3840	3690	3600	0.39	0.39	0.37	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0 A/m
- ±0.2dB for applied H-fields ≥ 2.0 A/m and < 1000 A/m
- ±0.3dB for applied H-fields ≥ 1000 A/m and < 2000 A/m
- ±0.4dB for applied H-fields ≥ 2000 A/m and < 3000 A/m
- ±0.5dB for applied H-fields ≥ 3000 A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 1

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.410	0.390	0.390	0.420	0.420	0.420	0.21	0.64	0.64	±1.00
0.560	0.540	0.530	0.550	0.560	0.570	-0.16	0.32	0.63	±1.00
0.770	0.740	0.730	0.760	0.740	0.740	-0.11	0.00	0.12	±1.00
1.00	0.960	0.950	1.01	0.960	0.960	0.09	0.00	0.09	±1.00
1.35	1.30	1.28	1.35	1.31	1.30	0.00	0.07	0.13	±1.00
1.85	1.79	1.76	1.85	1.78	1.77	0.00	-0.05	0.05	±1.00
2.47	2.39	2.34	2.47	2.40	2.35	0.00	0.04	0.04	±0.20
3.30	3.19	3.13	3.29	3.19	3.14	-0.03	0.00	0.03	±0.20
4.47	4.32	4.25	4.47	4.33	4.26	0.00	0.02	0.02	±0.20
6.05	5.84	5.74	6.05	5.85	5.74	0.00	0.01	0.00	±0.20
8.12	7.85	7.72	8.13	7.88	7.74	0.01	0.03	0.02	±0.20
10.8	10.5	10.3	10.9	10.5	10.3	0.08	0.00	0.00	±0.20
14.6	14.2	13.9	14.7	14.2	13.9	0.06	0.00	0.00	±0.20
19.7	19.1	18.7	19.8	19.1	18.8	0.04	0.00	0.05	±0.20
26.6	25.8	25.3	26.7	25.9	25.3	0.03	0.03	0.00	±0.20
35.6	34.4	33.8	35.8	34.6	34.0	0.05	0.05	0.05	±0.20
48.0	46.5	45.7	48.3	46.7	45.9	0.05	0.04	0.04	±0.20
65.2	63.0	62.0	65.5	63.3	62.2	0.04	0.04	0.03	±0.20
89.5	86.6	85.0	89.2	86.3	84.7	-0.03	-0.03	-0.03	±0.20
117	113	111	117	113	111	0.00	0.00	0.00	±0.20
161	156	153	160	155	152	-0.05	-0.06	-0.06	±0.20
223	215	212	222	215	211	-0.04	0.00	-0.04	±0.20
308	298	293	303	293	288	-0.14	-0.15	-0.15	±0.20
454	439	431	448	434	426	-0.12	-0.10	-0.10	±0.20
624	604	593	621	601	589	-0.04	-0.04	-0.06	±0.20
930	899	883	935	905	886	0.05	0.06	0.03	±0.20
1400	1360	1330	1430	1380	1360	0.18	0.13	0.19	±0.30
1910	1850	1810	1960	1900	1860	0.22	0.23	0.24	±0.30
3110	3000	2950	3230	3130	3060	0.33	0.37	0.32	±0.50
3700	3580	3520	3870	3750	3680	0.39	0.40	0.39	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0A/m
- ±0.2dB for applied H-fields ≥ 2.0A/m and < 1000A/m
- ±0.3dB for applied H-fields ≥ 1000A/m and < 2000A/m
- ±0.4dB for applied H-fields ≥ 2000A/m and < 3000A/m
- ±0.5dB for applied H-fields ≥ 3000A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 2

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.400	0.390	0.390	0.410	0.420	0.430	0.21	0.64	0.85	±1.00
0.550	0.530	0.530	0.550	0.560	0.570	0.00	0.48	0.63	±1.00
0.750	0.740	0.730	0.750	0.760	0.750	0.00	0.23	0.23	±1.00
0.980	0.960	0.960	1.00	0.970	0.960	0.18	0.09	0.00	±1.00
1.33	1.30	1.29	1.35	1.29	1.31	0.13	-0.07	0.13	±1.00
1.82	1.79	1.78	1.84	1.77	1.79	0.09	-0.10	0.05	±1.00
2.43	2.38	2.37	2.43	2.39	2.38	0.00	0.04	0.04	±0.20
3.24	3.17	3.16	3.25	3.16	3.16	0.03	-0.03	0.00	±0.20
4.40	4.31	4.29	4.40	4.30	4.29	0.00	-0.02	0.00	±0.20
5.95	5.83	5.79	5.94	5.81	5.79	-0.01	-0.03	0.00	±0.20
7.98	7.83	7.79	7.99	7.82	7.79	0.01	-0.01	0.00	±0.20
10.7	10.4	10.4	10.7	10.5	10.4	0.00	0.08	0.00	±0.20
14.4	14.1	14.0	14.4	14.2	14.0	0.00	0.06	0.00	±0.20
19.4	19.0	18.9	19.5	19.1	19.0	0.04	0.05	0.05	±0.20
26.2	25.7	25.5	26.3	25.8	25.6	0.03	0.03	0.03	±0.20
35.0	34.3	34.1	35.2	34.5	34.3	0.05	0.05	0.05	±0.20
47.3	46.4	46.1	47.5	46.5	46.4	0.04	0.02	0.06	±0.20
64.1	62.8	62.5	64.4	63.1	62.8	0.04	0.04	0.04	±0.20
88.0	86.3	85.8	87.7	86.0	85.4	-0.03	-0.03	-0.04	±0.20
115	113	112	115	112	112	0.00	-0.08	0.00	±0.20
158	155	154	158	155	154	0.00	0.00	0.00	±0.20
219	215	214	219	214	213	0.00	-0.04	-0.04	±0.20
303	297	295	298	292	290	-0.14	-0.15	-0.15	±0.20
446	438	435	441	432	429	-0.10	-0.12	-0.12	±0.20
614	602	598	611	599	594	-0.04	-0.04	-0.06	±0.20
915	896	891	920	901	894	0.05	0.05	0.03	±0.20
1380	1350	1340	1410	1380	1370	0.19	0.19	0.19	±0.30
1880	1840	1830	1930	1900	1880	0.23	0.28	0.23	±0.30
3050	2990	2980	3180	3110	3090	0.36	0.34	0.31	±0.50
3640	3570	3550	3810	3730	3710	0.40	0.38	0.38	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0 A/m
- ±0.2dB for applied H-fields ≥ 2.0 A/m and < 1000 A/m
- ±0.3dB for applied H-fields ≥ 1000 A/m and < 2000 A/m
- ±0.4dB for applied H-fields ≥ 2000 A/m and < 3000 A/m
- ±0.5dB for applied H-fields ≥ 3000 A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 3

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.400	0.390	0.390	0.420	0.420	0.370	0.42	0.64	-0.46	±1.00
0.550	0.530	0.530	0.560	0.560	0.510	0.16	0.48	-0.33	±1.00
0.750	0.740	0.730	0.750	0.730	0.720	0.00	-0.12	-0.12	±1.00
0.980	0.960	0.950	0.980	0.950	0.960	0.00	-0.09	0.09	±1.00
1.33	1.30	1.28	1.34	1.30	1.28	0.07	0.00	0.00	±1.00
1.82	1.78	1.76	1.83	1.77	1.74	0.05	-0.05	-0.10	±1.00
2.43	2.38	2.35	2.42	2.38	2.35	-0.04	0.00	0.00	±0.20
3.24	3.17	3.13	3.24	3.17	3.13	0.00	0.00	0.00	±0.20
4.40	4.30	4.25	4.40	4.31	4.26	0.00	0.02	0.02	±0.20
5.95	5.82	5.75	5.95	5.82	5.75	0.00	0.00	0.00	±0.20
7.98	7.82	7.72	8.01	7.84	7.75	0.03	0.02	0.03	±0.20
10.7	10.4	10.3	10.7	10.4	10.3	0.00	0.00	0.00	±0.20
14.4	14.1	13.9	14.4	14.2	13.9	0.00	0.06	0.00	±0.20
19.4	19.0	18.8	19.4	19.0	18.8	0.00	0.00	0.00	±0.20
26.2	25.6	25.3	26.2	25.7	25.4	0.00	0.03	0.03	±0.20
35.0	34.3	33.8	35.2	34.5	34.0	0.05	0.05	0.05	±0.20
47.2	46.3	45.7	47.5	46.5	46.0	0.06	0.04	0.06	±0.20
64.1	62.8	62.0	64.3	63.1	62.3	0.03	0.04	0.04	±0.20
88.0	86.2	85.1	87.7	85.9	84.7	-0.03	-0.03	-0.04	±0.20
115	113	111	115	112	111	0.00	-0.08	0.00	±0.20
158	155	153	158	154	152	0.00	-0.06	-0.06	±0.20
219	214	212	219	214	211	0.00	0.00	-0.04	±0.20
303	297	293	298	292	288	-0.14	-0.15	-0.15	±0.20
446	437	431	441	432	426	-0.10	-0.10	-0.10	±0.20
614	601	593	611	598	590	-0.04	-0.04	-0.04	±0.20
915	895	884	920	899	887	0.05	0.04	0.03	±0.20
1380	1350	1330	1410	1370	1360	0.19	0.13	0.19	±0.30
1880	1840	1810	1930	1890	1860	0.23	0.23	0.24	±0.30
3050	2990	2950	3180	3090	3060	0.36	0.29	0.32	±0.50
3640	3570	3530	3810	3690	3680	0.40	0.29	0.36	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0A/m
- ±0.2dB for applied H-fields ≥ 2.0A/m and < 1000A/m
- ±0.3dB for applied H-fields ≥ 1000A/m and < 2000A/m
- ±0.4dB for applied H-fields ≥ 2000A/m and < 3000A/m
- ±0.5dB for applied H-fields ≥ 3000A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 4

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.400	0.400	0.390	0.410	0.420	0.400	0.21	0.42	0.22	±1.00
0.540	0.540	0.530	0.550	0.550	0.550	0.16	0.16	0.32	±1.00
0.750	0.750	0.730	0.730	0.740	0.740	-0.23	-0.12	0.12	±1.00
0.980	0.970	0.960	0.970	0.980	0.960	-0.09	0.09	0.00	±1.00
1.32	1.32	1.30	1.33	1.33	1.29	0.07	0.07	-0.07	±1.00
1.81	1.81	1.78	1.80	1.81	1.77	-0.05	0.00	-0.05	±1.00
2.42	2.41	2.37	2.42	2.42	2.37	0.00	0.04	0.00	±0.20
3.23	3.21	3.16	3.22	3.23	3.15	-0.03	0.05	-0.03	±0.20
4.38	4.36	4.29	4.38	4.38	4.30	0.00	0.04	0.02	±0.20
5.92	5.90	5.80	5.93	5.90	5.80	0.01	0.00	0.00	±0.20
7.95	7.93	7.80	7.97	7.93	7.80	0.02	0.00	0.00	±0.20
10.6	10.6	10.4	10.6	10.6	10.4	0.00	0.00	0.00	±0.20
14.3	14.3	14.1	14.4	14.4	14.1	0.06	0.06	0.00	±0.20
19.3	19.3	18.9	19.4	19.3	19.0	0.04	0.00	0.05	±0.20
26.1	26.0	25.6	26.2	26.1	25.6	0.03	0.03	0.00	±0.20
34.9	34.7	34.2	35.1	34.9	34.4	0.05	0.05	0.05	±0.20
47.1	46.9	46.1	47.3	47.2	46.4	0.04	0.06	0.06	±0.20
63.8	63.6	62.6	64.1	63.9	62.9	0.04	0.04	0.04	±0.20
87.7	87.4	85.9	87.3	87.0	85.5	-0.04	-0.04	-0.04	±0.20
115	114	112	114	114	112	-0.08	0.00	0.00	±0.20
157	157	154	157	157	154	0.00	0.00	0.00	±0.20
218	217	214	218	217	213	0.00	0.00	-0.04	±0.20
302	301	296	297	296	291	-0.15	-0.15	-0.15	±0.20
445	443	435	439	437	430	-0.12	-0.12	-0.10	±0.20
612	609	599	608	606	596	-0.06	-0.04	-0.04	±0.20
911	908	892	915	912	896	0.04	0.04	0.04	±0.20
1370	1370	1350	1400	1390	1370	0.19	0.13	0.13	±0.30
1870	1860	1830	1920	1920	1880	0.23	0.28	0.23	±0.30
3040	3030	2980	3160	3150	3100	0.34	0.34	0.34	±0.50
3630	3620	3560	3790	3780	3720	0.37	0.38	0.38	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0A/m
- ±0.2dB for applied H-fields ≥ 2.0A/m and < 1000A/m
- ±0.3dB for applied H-fields ≥ 1000A/m and < 2000A/m
- ±0.4dB for applied H-fields ≥ 2000A/m and < 3000A/m
- ±0.5dB for applied H-fields ≥ 3000A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 5

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.400	0.400	0.400	0.410	0.420	0.420	0.21	0.42	0.42	±1.00
0.550	0.550	0.550	0.540	0.550	0.560	-0.16	0.00	0.16	±1.00
0.750	0.760	0.760	0.750	0.750	0.760	0.00	-0.12	0.00	±1.00
0.980	0.990	0.980	0.980	0.980	0.980	0.00	-0.09	0.00	±1.00
1.33	1.33	1.33	1.33	1.35	1.34	0.00	0.13	0.07	±1.00
1.82	1.83	1.83	1.82	1.82	1.84	0.00	-0.05	0.05	±1.00
2.43	2.44	2.44	2.42	2.44	2.45	-0.04	0.00	0.04	±0.20
3.25	3.26	3.25	3.24	3.26	3.26	-0.03	0.00	0.03	±0.20
4.40	4.42	4.41	4.40	4.41	4.42	0.00	-0.02	0.02	±0.20
5.96	5.98	5.97	5.96	5.98	5.98	0.00	0.00	0.01	±0.20
7.99	8.04	8.02	8.01	8.07	8.06	0.02	0.03	0.04	±0.20
10.7	10.7	10.7	10.7	10.8	10.8	0.00	0.08	0.08	±0.20
14.4	14.5	14.4	14.4	14.6	14.5	0.00	0.06	0.06	±0.20
19.4	19.5	19.5	19.5	19.6	19.5	0.04	0.04	0.00	±0.20
26.2	26.4	26.3	26.3	26.5	26.4	0.03	0.03	0.03	±0.20
35.0	35.2	35.1	35.3	35.4	35.4	0.07	0.05	0.07	±0.20
47.3	47.6	47.5	47.6	47.8	47.7	0.05	0.04	0.04	±0.20
64.2	64.5	64.4	64.5	64.8	64.7	0.04	0.04	0.04	±0.20
88.1	88.6	88.4	87.8	88.3	88.0	-0.03	-0.03	-0.04	±0.20
115	116	116	115	115	115	0.00	-0.08	-0.08	±0.20
158	159	159	158	159	158	0.00	0.00	-0.05	±0.20
219	220	220	219	220	220	0.00	0.00	0.00	±0.20
303	305	304	298	300	299	-0.14	-0.14	-0.14	±0.20
447	449	448	441	444	442	-0.12	-0.10	-0.12	±0.20
615	618	616	611	615	613	-0.06	-0.04	-0.04	±0.20
916	920	918	920	925	922	0.04	0.05	0.04	±0.20
1380	1390	1380	1410	1410	1410	0.19	0.12	0.19	±0.30
1880	1890	1880	1930	1940	1940	0.23	0.23	0.27	±0.30
3060	3070	3060	3180	3200	3180	0.33	0.36	0.33	±0.50
3650	3670	3660	3810	3830	3820	0.37	0.37	0.37	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0A/m
- ±0.2dB for applied H-fields ≥ 2.0A/m and < 1000A/m
- ±0.3dB for applied H-fields ≥ 1000A/m and < 2000A/m
- ±0.4dB for applied H-fields ≥ 2000A/m and < 3000A/m
- ±0.5dB for applied H-fields ≥ 3000A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 6

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.410	0.400	0.400	0.410	0.410	0.420	0.00	0.21	0.42	±1.00
0.560	0.540	0.550	0.560	0.560	0.540	0.00	0.32	-0.16	±1.00
0.770	0.750	0.750	0.780	0.770	0.750	0.11	0.23	0.00	±1.00
1.01	0.980	0.980	1.02	1.00	0.990	0.09	0.18	0.09	±1.00
1.36	1.32	1.33	1.36	1.34	1.32	0.00	0.13	-0.07	±1.00
1.87	1.82	1.82	1.87	1.81	1.84	0.00	-0.05	0.09	±1.00
2.49	2.42	2.43	2.49	2.42	2.46	0.00	0.00	0.11	±0.20
3.32	3.23	3.24	3.33	3.24	3.27	0.03	0.03	0.08	±0.20
4.51	4.38	4.40	4.50	4.37	4.42	-0.02	-0.02	0.04	±0.20
6.10	5.93	5.95	6.09	5.92	5.96	-0.01	-0.01	0.01	±0.20
8.18	7.96	7.99	8.18	7.96	8.04	0.00	0.00	0.05	±0.20
10.9	10.6	10.7	10.9	10.6	10.7	0.00	0.00	0.00	±0.20
14.8	14.3	14.4	14.8	14.4	14.5	0.00	0.06	0.06	±0.20
19.9	19.4	19.4	19.9	19.4	19.5	0.00	0.00	0.04	±0.20
26.8	26.1	26.2	26.9	26.2	26.3	0.03	0.03	0.03	±0.20
35.9	34.9	35.0	36.1	35.1	35.2	0.05	0.05	0.05	±0.20
48.4	47.1	47.3	48.7	47.4	47.6	0.05	0.06	0.05	±0.20
65.7	63.9	64.2	66.0	64.2	64.4	0.04	0.04	0.03	±0.20
90.2	87.8	88.1	89.9	87.5	87.7	-0.03	-0.03	-0.04	±0.20
118	115	115	118	114	115	0.00	-0.08	0.00	±0.20
162	158	158	162	157	158	0.00	-0.06	0.00	±0.20
224	218	219	224	218	219	0.00	0.00	0.00	±0.20
311	302	303	305	297	298	-0.17	-0.15	-0.14	±0.20
458	445	446	452	440	441	-0.11	-0.10	-0.10	±0.20
630	612	614	626	609	611	-0.06	-0.04	-0.04	±0.20
938	912	915	942	916	918	0.04	0.04	0.03	±0.20
1410	1380	1380	1440	1400	1400	0.18	0.12	0.12	±0.30
1920	1870	1870	1980	1930	1930	0.27	0.27	0.27	±0.30
3130	3050	3060	3260	3170	3170	0.35	0.34	0.31	±0.50
3730	3630	3650	3900	3790	3810	0.39	0.37	0.37	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0 A/m
- ±0.2dB for applied H-fields ≥ 2.0 A/m and < 1000 A/m
- ±0.3dB for applied H-fields ≥ 1000 A/m and < 2000 A/m
- ±0.4dB for applied H-fields ≥ 2000 A/m and < 3000 A/m
- ±0.5dB for applied H-fields ≥ 3000 A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, H-field, Channel 7

H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
x	y	z	x	y	z	x	y	z	
0.410	0.400	0.390	0.400	0.420	0.370	-0.21	0.42	-0.46	±1.00
0.560	0.540	0.520	0.540	0.560	0.510	-0.32	0.32	-0.17	±1.00
0.770	0.750	0.720	0.760	0.750	0.710	-0.11	0.00	-0.12	±1.00
1.00	0.980	0.940	1.00	0.960	0.950	0.00	-0.18	0.09	±1.00
1.35	1.32	1.27	1.35	1.31	1.28	0.00	-0.07	0.07	±1.00
1.85	1.81	1.75	1.84	1.82	1.76	-0.05	0.05	0.05	±1.00
2.47	2.42	2.33	2.47	2.42	2.35	0.00	0.00	0.07	±0.20
3.30	3.23	3.11	3.28	3.24	3.11	-0.05	0.03	0.00	±0.20
4.48	4.38	4.22	4.47	4.40	4.24	-0.02	0.04	0.04	±0.20
6.05	5.92	5.70	6.05	5.95	5.72	0.00	0.04	0.03	±0.20
8.12	7.96	7.66	8.14	7.98	7.68	0.02	0.02	0.02	±0.20
10.8	10.6	10.2	10.8	10.7	10.2	0.00	0.08	0.00	±0.20
14.7	14.3	13.8	14.7	14.4	13.8	0.00	0.06	0.00	±0.20
19.8	19.3	18.6	19.8	19.4	18.7	0.00	0.04	0.05	±0.20
26.6	26.1	25.1	26.7	26.1	25.2	0.03	0.00	0.03	±0.20
35.6	34.9	33.6	35.8	35.0	33.8	0.05	0.02	0.05	±0.20
48.1	47.1	45.4	48.4	47.3	45.6	0.05	0.04	0.04	±0.20
65.2	63.9	61.6	65.5	64.2	61.8	0.04	0.04	0.03	±0.20
89.6	87.7	84.5	89.2	87.4	84.1	-0.04	-0.03	-0.04	±0.20
117	115	110	117	114	110	0.00	-0.08	0.00	±0.20
161	158	152	161	157	151	0.00	-0.06	-0.06	±0.20
223	218	210	223	218	210	0.00	0.00	0.00	±0.20
308	302	291	303	297	286	-0.14	-0.15	-0.15	±0.20
454	445	428	449	440	423	-0.10	-0.10	-0.10	±0.20
625	612	589	621	609	585	-0.06	-0.04	-0.06	±0.20
931	911	877	936	916	880	0.05	0.05	0.03	±0.20
1400	1370	1320	1430	1400	1350	0.18	0.19	0.20	±0.30
1910	1870	1800	1970	1930	1850	0.27	0.27	0.24	±0.30
3110	3040	2930	3230	3160	3040	0.33	0.34	0.32	±0.50
3710	3630	3500	3880	3790	3650	0.39	0.37	0.36	±0.50

SPEAG H-field linearity tolerance criteria¹:

- ±1.0dB for applied H-fields < 2.0A/m
- ±0.2dB for applied H-fields ≥ 2.0A/m and < 1000A/m
- ±0.3dB for applied H-fields ≥ 1000A/m and < 2000A/m
- ±0.4dB for applied H-fields ≥ 2000A/m and < 3000A/m
- ±0.5dB for applied H-fields ≥ 3000A/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Dynamic Range, E-field, Channel 0

E-field/(V/m) Applied			E-field/(V/m) Reading			Difference/(dB)			Tolerance/(dB)		
x	y	z	x	y	z	x	y	z	x	y	z
0.350	0.210	0.080	0.340	0.220	0.110	-0.25	0.40	2.77	±5.00	±5.00	±5.00
0.470	0.290	0.110	0.490	0.300	0.120	0.36	0.29	0.76	±5.00	±5.00	±5.00
0.650	0.400	0.150	0.640	0.400	0.150	-0.13	0.00	0.00	±5.00	±5.00	±5.00
0.850	0.520	0.200	0.860	0.520	0.180	0.10	0.00	-0.92	±5.00	±5.00	±5.00
1.15	0.710	0.270	1.15	0.710	0.270	0.00	0.00	0.00	±5.00	±5.00	±5.00
1.58	0.970	0.370	1.57	0.960	0.380	-0.06	-0.09	0.23	±5.00	±5.00	±5.00
2.10	1.29	0.490	2.11	1.29	0.480	0.04	0.00	-0.18	±1.00	±5.00	±5.00
2.80	1.73	0.660	2.81	1.71	0.660	0.03	-0.10	0.00	±1.00	±5.00	±5.00
3.81	2.34	0.900	3.80	2.32	0.880	-0.02	-0.07	-0.20	±1.00	±1.00	±5.00
5.14	3.17	1.21	5.17	3.15	1.18	0.05	-0.05	-0.22	±1.00	±1.00	±5.00
6.91	4.26	1.63	6.94	4.24	1.58	0.04	-0.04	-0.27	±1.00	±1.00	±5.00
9.23	5.68	2.17	9.25	5.65	2.13	0.02	-0.05	-0.16	±1.00	±1.00	±1.00
12.5	7.67	2.93	12.5	7.65	2.86	0.00	-0.02	-0.21	±1.00	±1.00	±1.00
16.8	10.3	3.95	16.9	10.3	3.86	0.05	0.00	-0.20	±1.00	±1.00	±1.00
22.7	14.0	5.33	22.8	13.9	5.23	0.04	-0.06	-0.16	±1.00	±1.00	±1.00
30.3	18.6	7.13	30.5	18.7	6.98	0.06	0.05	-0.18	±1.00	±1.00	±1.00
40.9	25.2	9.63	41.2	25.2	9.49	0.06	0.00	-0.13	±1.00	±1.00	±1.00
55.5	34.2	13.1	55.9	34.1	12.8	0.06	-0.03	-0.20	±1.00	±1.00	±1.00
76.2	46.9	17.9	76.1	46.5	17.5	-0.01	-0.07	-0.20	±1.00	±1.00	±1.00
99.7	61.4	23.5	99.5	60.9	22.9	-0.02	-0.07	-0.22	±1.00	±1.00	±1.00
137	84.3	32.2	137	83.8	31.5	0.00	-0.05	-0.19	±1.00	±1.00	±1.00
189	117	44.6	190	116	43.7	0.05	-0.07	-0.18	±1.00	±1.00	±1.00
262	162	61.7	265	162	61.0	0.10	0.00	-0.10	±1.00	±1.00	±1.00
386	238	90.9	374	228	90.3	-0.27	-0.37	-0.06	±1.00	±1.00	±1.00
532	327	125	517	316	125	-0.25	-0.30	0.00	±1.00	±1.00	±1.00
792	487	186	779	476	188	-0.14	-0.20	0.09	±1.00	±1.00	±1.00
1190	735	281	1190	730	288	0.00	-0.06	0.21	±1.00	±1.00	±1.00
1620	1000	382	1640	1000	397	0.11	0.00	0.33	±1.00	±1.00	±1.00
2640	1630	622	2700	1650	623	0.20	0.11	0.01	±1.00	±1.00	±1.00
3150	1940	742	3230	1980	748	0.22	0.18	0.07	±1.00	±1.00	±1.00

SPEAG E-field linearity tolerance criteria¹:

- ±5.0dB for applied E-field < 2V/m
- ±1.0dB for applied E-field ≥ 2V/m

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response

Frequency Response, H-field, Channel 0

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.54	1.55	0.00	0.00	0.06	±0.3
3200	1.54	1.54	1.54	1.54	1.52	1.54	0.00	-0.11	0.00	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.53	0.00	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.53	1.52	1.52	0.06	0.00	0.00	±0.3
6600	1.51	1.51	1.51	1.51	1.51	1.50	0.00	0.00	-0.06	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.49	0.00	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.29	4.30	4.25	0.00	0.25	-0.06	±0.3
13400	4.32	4.30	4.29	4.32	4.29	4.30	0.00	-0.02	0.02	±0.3
17000	4.32	4.29	4.29	4.32	4.29	4.30	0.00	0.00	0.02	±0.3
21400	4.34	4.31	4.31	4.34	4.31	4.31	0.00	0.00	0.00	±0.3
27200	4.34	4.31	4.31	4.35	4.31	4.31	0.02	0.00	0.00	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.32	0.02	0.00	0.00	±0.3
40000	4.33	4.32	4.32	4.34	4.31	4.32	0.02	-0.02	0.00	±0.3
43600	4.32	4.31	4.31	4.33	4.31	4.31	0.02	0.00	0.00	±0.3
55400	4.32	4.30	4.30	4.33	4.30	4.30	0.02	0.00	0.00	±0.3
70000	4.30	4.29	4.29	4.32	4.29	4.29	0.04	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.29	4.28	4.28	0.00	0.02	0.02	±0.3
112400	4.28	4.26	4.26	4.29	4.26	4.26	0.02	0.00	0.00	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.24	0.02	0.00	-0.02	±0.3
161750	4.24	4.23	4.23	4.24	4.23	4.23	0.00	0.00	0.00	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.22	0.02	0.00	0.00	±0.3
228400	4.21	4.19	4.19	4.22	4.19	4.18	0.02	0.00	-0.02	±0.3
289400	4.16	4.15	4.15	4.16	4.16	4.16	0.00	0.02	0.02	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.12	0.02	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.10	4.10	0.02	0.00	0.00	±0.3
464000	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.03	0.00	0.00	0.00	±0.3
744200	3.99	3.98	3.98	4.00	3.98	3.98	0.02	0.00	0.00	±0.3
942600	3.98	3.97	3.97	3.98	3.98	3.98	0.00	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.95	0.00	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.94	3.94	0.02	0.00	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.93	0.02	0.00	0.00	±0.3
2424400	3.92	3.91	3.91	3.93	3.91	3.91	0.02	0.00	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.89	0.02	-0.02	0.00	±0.3
3888000	3.84	3.83	3.83	3.85	3.82	3.83	0.02	-0.02	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.82	3.83	0.00	0.00	0.02	±0.3
4923800	3.77	3.76	3.76	3.77	3.75	3.77	0.00	-0.02	0.02	±0.3
6235400	3.65	3.65	3.65	3.65	3.65	3.65	0.00	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.51	0.00	0.00	0.00	±0.3
10000000	3.37	3.36	3.37	3.36	3.38	3.37	-0.03	0.05	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:

±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹ Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 1

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.54	1.54	0.00	0.00	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.53	1.54	0.00	-0.06	0.00	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.53	0.00	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.52	1.52	1.52	0.00	0.00	0.00	±0.3
6600	1.51	1.51	1.51	1.50	1.51	1.50	-0.06	0.00	-0.06	±0.3
8200	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.49	0.00	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.30	4.27	4.25	0.02	0.19	-0.06	±0.3
13400	4.32	4.30	4.29	4.31	4.28	4.30	-0.02	-0.04	0.02	±0.3
17000	4.32	4.29	4.29	4.33	4.29	4.29	0.02	0.00	0.00	±0.3
21400	4.34	4.31	4.31	4.35	4.31	4.33	0.02	0.00	0.04	±0.3
27200	4.34	4.31	4.31	4.35	4.32	4.30	0.02	0.02	-0.02	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.32	0.02	0.00	0.00	±0.3
40000	4.33	4.32	4.32	4.35	4.31	4.31	0.04	-0.02	-0.02	±0.3
43600	4.32	4.31	4.31	4.33	4.32	4.31	0.02	0.02	0.00	±0.3
55400	4.32	4.30	4.30	4.33	4.30	4.30	0.02	0.00	0.00	±0.3
70000	4.30	4.29	4.29	4.31	4.29	4.29	0.02	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.30	4.27	4.28	0.02	0.00	0.02	±0.3
112400	4.28	4.26	4.26	4.29	4.26	4.26	0.02	0.00	0.00	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.25	0.02	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.25	4.23	4.23	0.02	0.00	0.00	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.23	0.02	0.00	0.02	±0.3
228400	4.21	4.19	4.19	4.22	4.19	4.19	0.02	0.00	0.00	±0.3
289400	4.16	4.15	4.15	4.18	4.16	4.15	0.04	0.02	0.00	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.12	0.02	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.10	4.10	0.02	0.00	0.00	±0.3
464000	4.08	4.07	4.07	4.09	4.07	4.08	0.02	0.00	0.02	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.03	0.00	0.00	0.00	±0.3
744200	3.99	3.98	3.98	4.00	3.99	3.98	0.02	0.02	0.00	±0.3
942600	3.98	3.97	3.97	3.99	3.98	3.98	0.02	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.95	0.00	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.94	3.94	0.02	0.00	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.93	0.02	0.00	0.00	±0.3
2424400	3.92	3.91	3.91	3.93	3.91	3.91	0.02	0.00	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.89	0.02	-0.02	0.00	±0.3
3888000	3.84	3.83	3.83	3.85	3.83	3.83	0.02	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.82	3.82	0.00	0.00	0.00	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.76	0.00	0.00	0.00	±0.3
6235400	3.65	3.65	3.65	3.66	3.65	3.65	0.02	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.51	0.00	0.00	0.00	±0.3
10000000	3.37	3.36	3.37	3.37	3.36	3.37	0.00	0.00	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 2

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.55	1.55	1.54	0.06	0.06	0.00	±0.3
3200	1.54	1.54	1.54	1.55	1.52	1.54	0.06	-0.11	0.00	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.53	0.00	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.53	1.52	1.52	0.06	0.00	0.00	±0.3
6600	1.51	1.51	1.51	1.50	1.50	1.50	-0.06	-0.06	-0.06	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.51	0.06	0.00	0.06	±0.3
9000	1.49	1.49	1.49	1.50	1.49	1.49	0.06	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.27	4.28	4.23	-0.04	0.21	-0.10	±0.3
13400	4.32	4.30	4.29	4.32	4.30	4.28	0.00	0.00	-0.02	±0.3
17000	4.32	4.29	4.29	4.33	4.30	4.30	0.02	0.02	0.02	±0.3
21400	4.34	4.31	4.31	4.37	4.32	4.31	0.06	0.02	0.00	±0.3
27200	4.34	4.31	4.31	4.34	4.31	4.31	0.00	0.00	0.00	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.33	0.02	0.00	0.02	±0.3
40000	4.33	4.32	4.32	4.34	4.31	4.32	0.02	-0.02	0.00	±0.3
43600	4.32	4.31	4.31	4.33	4.30	4.30	0.02	-0.02	-0.02	±0.3
55400	4.32	4.30	4.30	4.32	4.30	4.30	0.00	0.00	0.00	±0.3
70000	4.30	4.29	4.29	4.31	4.29	4.29	0.02	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.30	4.28	4.27	0.02	0.02	0.00	±0.3
112400	4.28	4.26	4.26	4.29	4.26	4.26	0.02	0.00	0.00	±0.3
142400	4.26	4.25	4.25	4.26	4.25	4.25	0.00	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.25	4.23	4.23	0.02	0.00	0.00	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.22	0.02	0.00	0.00	±0.3
228400	4.21	4.19	4.19	4.21	4.19	4.19	0.00	0.00	0.00	±0.3
289400	4.16	4.15	4.15	4.17	4.16	4.15	0.02	0.02	0.00	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.12	0.02	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.10	4.10	0.02	0.00	0.00	±0.3
464000	4.08	4.07	4.07	4.09	4.07	4.07	0.02	0.00	0.00	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.03	0.00	0.00	0.00	±0.3
744200	3.99	3.98	3.98	4.00	3.98	3.98	0.02	0.00	0.00	±0.3
942600	3.98	3.97	3.97	3.98	3.98	3.98	0.00	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.95	0.00	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.95	3.94	0.02	0.02	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.93	0.02	0.00	0.00	±0.3
2424400	3.92	3.91	3.91	3.92	3.91	3.91	0.00	0.00	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.89	0.02	-0.02	0.00	±0.3
3888000	3.84	3.83	3.83	3.85	3.83	3.83	0.02	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.82	3.82	0.00	0.00	0.00	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.76	0.00	0.00	0.00	±0.3
6235400	3.65	3.65	3.65	3.65	3.65	3.65	0.00	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.51	0.00	0.00	0.00	±0.3
10000000	3.37	3.36	3.37	3.38	3.35	3.37	0.03	-0.03	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 3

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.55	1.55	0.00	0.06	0.06	±0.3
3200	1.54	1.54	1.54	1.54	1.53	1.54	0.00	-0.06	0.00	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.53	0.00	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.52	1.52	1.52	0.00	0.00	0.00	±0.3
6600	1.51	1.51	1.51	1.51	1.51	1.50	0.00	0.00	-0.06	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.50	0.00	0.00	0.06	±0.3
10600	4.29	4.18	4.28	4.28	4.26	4.26	-0.02	0.16	-0.04	±0.3
13400	4.32	4.30	4.29	4.31	4.29	4.31	-0.02	-0.02	0.04	±0.3
17000	4.32	4.29	4.29	4.32	4.29	4.30	0.00	0.00	0.02	±0.3
21400	4.34	4.31	4.31	4.36	4.31	4.31	0.04	0.00	0.00	±0.3
27200	4.34	4.31	4.31	4.34	4.31	4.31	0.00	0.00	0.00	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.32	0.02	0.00	0.00	±0.3
40000	4.33	4.32	4.32	4.34	4.31	4.32	0.02	-0.02	0.00	±0.3
43600	4.32	4.31	4.31	4.33	4.31	4.32	0.02	0.00	0.02	±0.3
55400	4.32	4.30	4.30	4.33	4.30	4.31	0.02	0.00	0.02	±0.3
70000	4.30	4.29	4.29	4.31	4.29	4.29	0.02	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.30	4.28	4.29	0.02	0.02	0.04	±0.3
112400	4.28	4.26	4.26	4.30	4.27	4.27	0.04	0.02	0.02	±0.3
142400	4.26	4.25	4.25	4.28	4.25	4.25	0.04	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.25	4.23	4.24	0.02	0.00	0.02	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.23	0.02	0.00	0.02	±0.3
228400	4.21	4.19	4.19	4.22	4.18	4.20	0.02	-0.02	0.02	±0.3
289400	4.16	4.15	4.15	4.18	4.15	4.16	0.04	0.00	0.02	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.13	0.02	0.00	0.02	±0.3
400000	4.11	4.10	4.10	4.12	4.10	4.11	0.02	0.00	0.02	±0.3
464000	4.08	4.07	4.07	4.10	4.07	4.08	0.04	0.00	0.02	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.04	0.00	0.00	0.02	±0.3
744200	3.99	3.98	3.98	4.00	3.99	3.99	0.02	0.02	0.02	±0.3
942600	3.98	3.97	3.97	3.98	3.97	3.98	0.00	0.00	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.96	0.00	0.00	0.02	±0.3
1511600	3.95	3.94	3.94	3.96	3.95	3.94	0.02	0.02	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.94	0.02	0.00	0.02	±0.3
2424400	3.92	3.91	3.91	3.92	3.91	3.92	0.00	0.00	0.02	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.89	0.02	-0.02	0.00	±0.3
3888000	3.84	3.83	3.83	3.84	3.83	3.83	0.00	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.84	3.82	3.83	0.02	0.00	0.02	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.77	0.00	0.00	0.02	±0.3
6235400	3.65	3.65	3.65	3.66	3.63	3.66	0.02	-0.05	0.02	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.52	0.00	0.00	0.02	±0.3
10000000	3.37	3.36	3.37	3.37	3.36	3.37	0.00	0.00	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 4

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.54	1.54	0.00	0.00	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.53	1.53	0.00	-0.06	-0.06	±0.3
4000	1.53	1.53	1.53	1.54	1.53	1.53	0.06	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.53	1.52	1.51	0.06	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.51	1.51	1.50	0.00	0.00	-0.06	±0.3
8200	1.50	1.50	1.50	1.50	1.51	1.50	0.00	0.06	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.49	0.00	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.30	4.28	4.25	0.02	0.21	-0.06	±0.3
13400	4.32	4.30	4.29	4.32	4.30	4.29	0.00	0.00	0.00	±0.3
17000	4.32	4.29	4.29	4.33	4.29	4.29	0.02	0.00	0.00	±0.3
21400	4.34	4.31	4.31	4.34	4.32	4.33	0.00	0.02	0.04	±0.3
27200	4.34	4.31	4.31	4.35	4.30	4.30	0.02	-0.02	-0.02	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.32	0.02	0.00	0.00	±0.3
40000	4.33	4.32	4.32	4.34	4.31	4.32	0.02	-0.02	0.00	±0.3
43600	4.32	4.31	4.31	4.33	4.31	4.30	0.02	0.00	-0.02	±0.3
55400	4.32	4.30	4.30	4.33	4.30	4.30	0.02	0.00	0.00	±0.3
70000	4.30	4.29	4.29	4.32	4.29	4.29	0.04	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.30	4.27	4.28	0.02	0.00	0.02	±0.3
112400	4.28	4.26	4.26	4.29	4.26	4.27	0.02	0.00	0.02	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.25	0.02	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.25	4.23	4.23	0.02	0.00	0.00	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.22	0.02	0.00	0.00	±0.3
228400	4.21	4.19	4.19	4.22	4.19	4.19	0.02	0.00	0.00	±0.3
289400	4.16	4.15	4.15	4.18	4.16	4.15	0.04	0.02	0.00	±0.3
366400	4.13	4.12	4.12	4.13	4.12	4.12	0.00	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.10	4.10	0.02	0.00	0.00	±0.3
464000	4.08	4.07	4.07	4.09	4.07	4.07	0.02	0.00	0.00	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.03	0.00	0.00	0.00	±0.3
744200	3.99	3.98	3.98	4.00	3.99	3.98	0.02	0.02	0.00	±0.3
942600	3.98	3.97	3.97	3.99	3.98	3.98	0.02	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.95	0.00	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.95	3.94	0.02	0.02	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.93	0.02	0.00	0.00	±0.3
2424400	3.92	3.91	3.91	3.92	3.91	3.91	0.00	0.00	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.88	0.02	-0.02	-0.02	±0.3
3888000	3.84	3.83	3.83	3.84	3.83	3.83	0.00	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.81	3.83	0.00	-0.02	0.02	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.76	0.00	0.00	0.00	±0.3
6235400	3.65	3.65	3.65	3.66	3.65	3.65	0.02	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.51	3.51	3.51	-0.02	0.00	0.00	±0.3
10000000	3.37	3.36	3.37	3.37	3.35	3.37	0.00	-0.03	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 5

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.54	1.54	0.00	0.00	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.52	1.54	0.00	-0.11	0.00	±0.3
4000	1.53	1.53	1.53	1.54	1.52	1.53	0.06	-0.06	0.00	±0.3
5200	1.52	1.52	1.52	1.53	1.53	1.52	0.06	0.06	0.00	±0.3
6600	1.51	1.51	1.51	1.51	1.50	1.50	0.00	-0.06	-0.06	±0.3
8200	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.49	0.00	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.31	4.28	4.25	0.04	0.21	-0.06	±0.3
13400	4.32	4.30	4.29	4.33	4.30	4.32	0.02	0.00	0.06	±0.3
17000	4.32	4.29	4.29	4.32	4.29	4.30	0.00	0.00	0.02	±0.3
21400	4.34	4.31	4.31	4.36	4.33	4.31	0.04	0.04	0.00	±0.3
27200	4.34	4.31	4.31	4.36	4.31	4.30	0.04	0.00	-0.02	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.33	0.02	0.00	0.02	±0.3
40000	4.33	4.32	4.32	4.35	4.32	4.32	0.04	0.00	0.00	±0.3
43600	4.32	4.31	4.31	4.33	4.32	4.31	0.02	0.02	0.00	±0.3
55400	4.32	4.30	4.30	4.32	4.30	4.31	0.00	0.00	0.02	±0.3
70000	4.30	4.29	4.29	4.31	4.29	4.29	0.02	0.00	0.00	±0.3
88800	4.29	4.27	4.27	4.31	4.28	4.28	0.04	0.02	0.02	±0.3
112400	4.28	4.26	4.26	4.29	4.27	4.27	0.02	0.02	0.02	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.25	0.02	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.26	4.23	4.24	0.04	0.00	0.02	±0.3
180400	4.23	4.22	4.22	4.24	4.22	4.22	0.02	0.00	0.00	±0.3
228400	4.21	4.19	4.19	4.21	4.19	4.19	0.00	0.00	0.00	±0.3
289400	4.16	4.15	4.15	4.18	4.16	4.16	0.04	0.02	0.02	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.12	0.02	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.11	4.10	0.02	0.02	0.00	±0.3
464000	4.08	4.07	4.07	4.10	4.07	4.07	0.04	0.00	0.00	±0.3
587800	4.04	4.03	4.03	4.04	4.03	4.03	0.00	0.00	0.00	±0.3
744200	3.99	3.98	3.98	4.00	3.99	3.98	0.02	0.02	0.00	±0.3
942600	3.98	3.97	3.97	3.99	3.98	3.98	0.02	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.96	3.95	3.95	0.00	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.94	3.94	0.02	0.00	0.00	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.93	0.02	0.00	0.00	±0.3
2424400	3.92	3.91	3.91	3.93	3.90	3.91	0.02	-0.02	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.89	3.89	0.02	0.00	0.00	±0.3
3888000	3.84	3.83	3.83	3.84	3.83	3.83	0.00	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.82	3.82	0.00	0.00	0.00	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.76	0.00	0.00	0.00	±0.3
6235400	3.65	3.65	3.65	3.66	3.65	3.65	0.02	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.51	3.51	3.52	-0.02	0.00	0.02	±0.3
10000000	3.37	3.36	3.37	3.37	3.36	3.37	0.00	0.00	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 6

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.55	1.55	1.55	0.06	0.06	0.06	±0.3
3200	1.54	1.54	1.54	1.54	1.53	1.55	0.00	-0.06	0.06	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.54	0.00	0.00	0.06	±0.3
5200	1.52	1.52	1.52	1.53	1.52	1.51	0.06	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.51	1.51	1.50	0.00	0.00	-0.06	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.50	0.00	0.00	0.06	±0.3
10600	4.29	4.18	4.28	4.30	4.27	4.25	0.02	0.19	-0.06	±0.3
13400	4.32	4.30	4.29	4.33	4.29	4.30	0.02	-0.02	0.02	±0.3
17000	4.32	4.29	4.29	4.34	4.30	4.29	0.04	0.02	0.00	±0.3
21400	4.34	4.31	4.31	4.34	4.33	4.32	0.00	0.04	0.02	±0.3
27200	4.34	4.31	4.31	4.36	4.30	4.31	0.04	-0.02	0.00	±0.3
34400	4.34	4.32	4.32	4.36	4.31	4.33	0.04	-0.02	0.02	±0.3
40000	4.33	4.32	4.32	4.35	4.31	4.33	0.04	-0.02	0.02	±0.3
43600	4.32	4.31	4.31	4.35	4.30	4.31	0.06	-0.02	0.00	±0.3
55400	4.32	4.30	4.30	4.33	4.30	4.31	0.02	0.00	0.02	±0.3
70000	4.30	4.29	4.29	4.32	4.29	4.30	0.04	0.00	0.02	±0.3
88800	4.29	4.27	4.27	4.30	4.27	4.28	0.02	0.00	0.02	±0.3
112400	4.28	4.26	4.26	4.30	4.26	4.27	0.04	0.00	0.02	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.26	0.02	0.00	0.02	±0.3
161750	4.24	4.23	4.23	4.26	4.23	4.24	0.04	0.00	0.02	±0.3
180400	4.23	4.22	4.22	4.25	4.22	4.23	0.04	0.00	0.02	±0.3
228400	4.21	4.19	4.19	4.22	4.18	4.20	0.02	-0.02	0.02	±0.3
289400	4.16	4.15	4.15	4.18	4.15	4.16	0.04	0.00	0.02	±0.3
366400	4.13	4.12	4.12	4.14	4.12	4.12	0.02	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.13	4.10	4.11	0.04	0.00	0.02	±0.3
464000	4.08	4.07	4.07	4.10	4.07	4.08	0.04	0.00	0.02	±0.3
587800	4.04	4.03	4.03	4.05	4.03	4.04	0.02	0.00	0.02	±0.3
744200	3.99	3.98	3.98	4.00	3.97	3.99	0.02	-0.02	0.02	±0.3
942600	3.98	3.97	3.97	4.00	3.97	3.98	0.04	0.00	0.02	±0.3
1193600	3.96	3.95	3.95	3.97	3.95	3.95	0.02	0.00	0.00	±0.3
1511600	3.95	3.94	3.94	3.96	3.94	3.95	0.02	0.00	0.02	±0.3
1914400	3.93	3.93	3.93	3.95	3.92	3.93	0.04	-0.02	0.00	±0.3
2424400	3.92	3.91	3.91	3.93	3.90	3.92	0.02	-0.02	0.02	±0.3
3070200	3.89	3.89	3.89	3.90	3.88	3.90	0.02	-0.02	0.02	±0.3
3888000	3.84	3.83	3.83	3.85	3.83	3.83	0.02	0.00	0.00	±0.3
4000000	3.83	3.82	3.82	3.84	3.82	3.83	0.02	0.00	0.02	±0.3
4923800	3.77	3.76	3.76	3.77	3.75	3.76	0.00	-0.02	0.00	±0.3
6235400	3.65	3.65	3.65	3.66	3.65	3.66	0.02	0.00	0.02	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.52	0.00	0.00	0.02	±0.3
10000000	3.37	3.36	3.37	3.37	3.36	3.38	0.00	0.00	0.03	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹ Calibration uncertainty not taken into account (shared risk 50%).

Frequency Response, H-field, Channel 7

f/(Hz)	H-field/(A/m) Applied			H-field/(A/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	1.54	1.54	1.54	1.54	1.54	1.55	0.00	0.00	0.06	±0.3
3200	1.54	1.54	1.54	1.53	1.52	1.54	-0.06	-0.11	0.00	±0.3
4000	1.53	1.53	1.53	1.53	1.53	1.53	0.00	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.53	1.52	1.51	0.06	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.50	1.50	1.50	-0.06	-0.06	-0.06	±0.3
8200	1.50	1.50	1.50	1.50	1.51	1.51	0.00	0.06	0.06	±0.3
9000	1.49	1.49	1.49	1.49	1.49	1.49	0.00	0.00	0.00	±0.3
10600	4.29	4.18	4.28	4.31	4.27	4.25	0.04	0.19	-0.06	±0.3
13400	4.32	4.30	4.29	4.33	4.30	4.32	0.02	0.00	0.06	±0.3
17000	4.32	4.29	4.29	4.33	4.31	4.31	0.02	0.04	0.04	±0.3
21400	4.34	4.31	4.31	4.36	4.33	4.33	0.04	0.04	0.04	±0.3
27200	4.34	4.31	4.31	4.37	4.32	4.32	0.06	0.02	0.02	±0.3
34400	4.34	4.32	4.32	4.35	4.32	4.32	0.02	0.00	0.00	±0.3
40000	4.33	4.32	4.32	4.34	4.33	4.33	0.02	0.02	0.02	±0.3
43600	4.32	4.31	4.31	4.33	4.32	4.31	0.02	0.02	0.00	±0.3
55400	4.32	4.30	4.30	4.32	4.30	4.30	0.00	0.00	0.00	±0.3
70000	4.30	4.29	4.29	4.33	4.30	4.28	0.06	0.02	-0.02	±0.3
88800	4.29	4.27	4.27	4.30	4.28	4.28	0.02	0.02	0.02	±0.3
112400	4.28	4.26	4.26	4.29	4.27	4.26	0.02	0.02	0.00	±0.3
142400	4.26	4.25	4.25	4.27	4.25	4.25	0.02	0.00	0.00	±0.3
161750	4.24	4.23	4.23	4.25	4.23	4.24	0.02	0.00	0.02	±0.3
180400	4.23	4.22	4.22	4.25	4.22	4.23	0.04	0.00	0.02	±0.3
228400	4.21	4.19	4.19	4.22	4.19	4.20	0.02	0.00	0.02	±0.3
289400	4.16	4.15	4.15	4.17	4.16	4.16	0.02	0.02	0.02	±0.3
366400	4.13	4.12	4.12	4.15	4.12	4.12	0.04	0.00	0.00	±0.3
400000	4.11	4.10	4.10	4.12	4.11	4.11	0.02	0.02	0.02	±0.3
464000	4.08	4.07	4.07	4.08	4.08	4.08	0.00	0.02	0.02	±0.3
587800	4.04	4.03	4.03	4.05	4.04	4.03	0.02	0.02	0.00	±0.3
744200	3.99	3.98	3.98	3.99	3.99	3.98	0.00	0.02	0.00	±0.3
942600	3.98	3.97	3.97	3.99	3.98	3.98	0.02	0.02	0.02	±0.3
1193600	3.96	3.95	3.95	3.98	3.96	3.96	0.04	0.02	0.02	±0.3
1511600	3.95	3.94	3.94	3.96	3.95	3.95	0.02	0.02	0.02	±0.3
1914400	3.93	3.93	3.93	3.94	3.93	3.94	0.02	0.00	0.02	±0.3
2424400	3.92	3.91	3.91	3.93	3.91	3.91	0.02	0.00	0.00	±0.3
3070200	3.89	3.89	3.89	3.90	3.89	3.89	0.02	0.00	0.00	±0.3
3888000	3.84	3.83	3.83	3.85	3.84	3.83	0.02	0.02	0.00	±0.3
4000000	3.83	3.82	3.82	3.83	3.82	3.83	0.00	0.00	0.02	±0.3
4923800	3.77	3.76	3.76	3.77	3.76	3.77	0.00	0.00	0.02	±0.3
6235400	3.65	3.65	3.65	3.66	3.65	3.65	0.02	0.00	0.00	±0.3
7896400	3.52	3.51	3.51	3.52	3.51	3.52	0.00	0.00	0.02	±0.3
10000000	3.37	3.36	3.37	3.38	3.37	3.37	0.03	0.03	0.00	±0.3

SPEAG H-field frequency response tolerance criteria¹:
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

¹Calibration uncertainty not taken into account (shared risk 50%).