

APPENDIX C: CALIBRATION CERTIFICATE

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)
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 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **Element**
 Yongin, Republic of Korea

Certificate No. **MAGPy-8H3D-3060_Jun25**

CALIBRATION CERTIFICATE

Object MAGPy-8H3D+E3DV2 SN:3060
 MAGPy-DASV2 SN:2051

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

Calibration date June 13, 2025

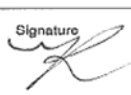
This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
 The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

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-25 (No. 217-04284)	Mar-26
Type-N mismatch	SN: L1119	26-Mar-25 (No. 217-04292)	Mar-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Network Analyzer E5061B	SN: MY49810822	In house check: Nov-24	In house check: Nov-25
TEM Cell	SN: S6029i	In house check: Nov-24	In house check: Nov-25
Plate Capacitor	SN: 6028i	In house check: Nov-24	In house check: Nov-25
Resonator (160kHz)	SN: 6030i	In house check: Nov-24	In house check: Nov-25

	Name	Function	Signature
Calibrated by	Krešimir Franjić	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
			Issued: June 17, 2025
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			

Certificate No: MAGPy-8H3D-3060_Jun25

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FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 1 of 26

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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 $\phi = 0^\circ \dots 360^\circ$; $\theta = 90^\circ$, 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 $\phi = 0^\circ \dots 360^\circ$; $\theta = 90^\circ$, 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%.

FCC ID: A3LSMX730	element DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 2 of 26

Measurement Conditions

Unit Type	MAGPy-8H3D+E3DV2 (SP MGY 303 AA)	3060
	MAGPy-DASV2 (SE UMS 303 AE)	2051
	MAGPy FPGA Board	WP000210
Adjustment Date	Last MAGPy Adjustment	June 13, 2025
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	
0.390	0.380	0.370	0.410	0.400	0.370	0.43	0.45	0.00	±1.00
0.530	0.520	0.500	0.530	0.550	0.500	0.00	0.49	0.00	±1.00
0.730	0.720	0.690	0.720	0.720	0.690	-0.12	0.00	0.00	±1.00
0.960	0.940	0.900	0.940	0.930	0.890	-0.18	-0.09	-0.10	±1.00
1.29	1.27	1.21	1.29	1.26	1.20	0.00	-0.07	-0.07	±1.00
1.78	1.75	1.67	1.77	1.74	1.65	-0.05	-0.05	-0.10	±1.00
2.36	2.33	2.22	2.36	2.33	2.21	0.00	0.00	-0.04	±0.20
3.15	3.10	2.97	3.14	3.09	2.96	-0.03	-0.03	-0.03	±0.20
4.28	4.22	4.03	4.30	4.19	4.04	0.04	-0.06	0.02	±0.20
5.77	5.69	5.46	5.85	5.67	5.47	0.12	-0.03	0.02	±0.20
7.76	7.66	7.33	7.85	7.65	7.34	0.10	-0.01	0.01	±0.20
10.4	10.2	9.79	10.5	10.2	9.80	0.08	0.00	0.01	±0.20
14.0	13.8	13.2	14.1	13.9	13.3	0.06	0.06	0.07	±0.20
18.9	18.6	17.9	18.9	18.7	17.9	0.00	0.05	0.00	±0.20
25.4	25.1	24.1	25.6	25.2	24.2	0.07	0.03	0.04	±0.20
34.0	33.5	32.2	34.2	33.7	32.4	0.05	0.05	0.05	±0.20
46.0	45.2	43.5	46.2	45.5	43.7	0.04	0.06	0.04	±0.20
62.4	61.3	59.0	62.6	61.6	59.3	0.03	0.04	0.04	±0.20
85.6	84.2	81.1	85.2	83.8	80.8	-0.04	-0.04	-0.03	±0.20
112	110	106	112	110	106	0.00	0.00	0.00	±0.20
154	151	146	154	151	145	0.00	0.00	-0.06	±0.20
214	209	202	213	209	202	-0.04	0.00	0.00	±0.20
296	289	280	297	285	281	0.03	-0.12	0.03	±0.20
437	427	412	431	421	405	-0.12	-0.12	-0.15	±0.20
602	587	568	598	585	562	-0.06	-0.03	-0.09	±0.20
898	877	846	902	881	846	0.04	0.04	0.00	±0.20
1360	1330	1280	1380	1350	1300	0.13	0.13	0.13	±0.30
1850	1800	1740	1900	1860	1780	0.23	0.28	0.20	±0.30
3010	2940	2830	3120	3050	2930	0.31	0.32	0.30	±0.50
3580	3500	3370	3740	3660	3510	0.38	0.39	0.35	±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%).

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 3 of 26

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	
0.400	0.390	0.380	0.400	0.410	0.400	0.00	0.43	0.45	±1.00
0.540	0.530	0.520	0.530	0.550	0.540	-0.16	0.32	0.33	±1.00
0.750	0.730	0.710	0.730	0.720	0.730	-0.23	-0.12	0.24	±1.00
0.970	0.960	0.930	0.960	0.930	0.930	-0.09	-0.28	0.00	±1.00
1.31	1.29	1.26	1.32	1.28	1.25	0.07	-0.07	-0.07	±1.00
1.80	1.78	1.74	1.80	1.77	1.72	0.00	-0.05	-0.10	±1.00
2.40	2.37	2.31	2.39	2.36	2.31	-0.04	-0.04	0.00	±0.20
3.20	3.16	3.09	3.21	3.15	3.08	0.03	-0.03	-0.03	±0.20
4.34	4.29	4.20	4.35	4.27	4.20	0.02	-0.04	0.00	±0.20
5.86	5.79	5.68	5.92	5.79	5.68	0.09	0.00	0.00	±0.20
7.87	7.79	7.63	7.94	7.82	7.63	0.08	0.03	0.00	±0.20
10.5	10.4	10.2	10.6	10.4	10.2	0.08	0.00	0.00	±0.20
14.2	14.0	13.8	14.3	14.1	13.8	0.06	0.06	0.00	±0.20
19.1	18.9	18.6	19.2	19.0	18.6	0.05	0.05	0.00	±0.20
25.8	25.6	25.1	25.9	25.6	25.2	0.03	0.00	0.03	±0.20
34.5	34.1	33.5	34.7	34.3	33.7	0.05	0.05	0.05	±0.20
46.6	46.0	45.3	46.9	46.3	45.5	0.06	0.06	0.04	±0.20
63.3	62.4	61.4	63.5	62.7	61.7	0.03	0.04	0.04	±0.20
86.8	85.6	84.4	86.5	85.3	84.0	-0.03	-0.03	-0.04	±0.20
114	112	110	113	112	110	-0.08	0.00	0.00	±0.20
156	154	152	156	153	151	0.00	-0.06	-0.06	±0.20
217	213	210	217	213	210	0.00	0.00	0.00	±0.20
300	294	291	302	290	292	0.06	-0.12	0.03	±0.20
443	434	428	438	428	422	-0.10	-0.12	-0.12	±0.20
611	598	591	607	595	585	-0.06	-0.04	-0.09	±0.20
911	892	880	915	896	880	0.04	0.04	0.00	±0.20
1380	1350	1330	1400	1370	1350	0.12	0.13	0.13	±0.30
1880	1830	1810	1930	1890	1850	0.23	0.28	0.19	±0.30
3050	2990	2940	3170	3110	3050	0.34	0.34	0.32	±0.50
3640	3560	3510	3800	3720	3650	0.37	0.38	0.34	±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%).

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 4 of 26

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	
0.390	0.390	0.390	0.410	0.400	0.410	0.43	0.22	0.43	±1.00
0.530	0.520	0.520	0.560	0.540	0.550	0.48	0.33	0.49	±1.00
0.730	0.720	0.720	0.740	0.740	0.730	0.12	0.24	0.12	±1.00
0.950	0.940	0.940	0.970	0.960	0.940	0.18	0.18	0.00	±1.00
1.29	1.28	1.27	1.33	1.28	1.29	0.27	0.00	0.14	±1.00
1.77	1.75	1.75	1.79	1.74	1.76	0.10	-0.05	0.05	±1.00
2.35	2.34	2.33	2.39	2.33	2.35	0.15	-0.04	0.07	±0.20
3.14	3.12	3.12	3.17	3.14	3.13	0.08	0.06	0.03	±0.20
4.26	4.24	4.23	4.28	4.25	4.24	0.04	0.02	0.02	±0.20
5.76	5.72	5.73	5.78	5.76	5.73	0.03	0.06	0.00	±0.20
7.73	7.69	7.70	7.76	7.72	7.72	0.03	0.03	0.02	±0.20
10.3	10.3	10.3	10.3	10.3	10.3	0.00	0.00	0.00	±0.20
13.9	13.9	13.9	14.0	13.9	13.9	0.06	0.00	0.00	±0.20
18.8	18.7	18.8	18.8	18.7	18.8	0.00	0.00	0.00	±0.20
25.4	25.2	25.3	25.4	25.2	25.3	0.00	0.00	0.00	±0.20
33.9	33.6	33.8	34.1	33.9	34.0	0.05	0.08	0.05	±0.20
45.8	45.5	45.7	46.0	45.7	45.9	0.04	0.04	0.04	±0.20
62.1	61.6	62.0	62.4	62.0	62.3	0.04	0.06	0.04	±0.20
85.3	84.6	85.2	85.0	84.2	84.8	-0.03	-0.04	-0.04	±0.20
112	111	111	111	110	111	-0.08	-0.08	0.00	±0.20
154	152	153	153	151	153	-0.06	-0.06	0.00	±0.20
213	210	212	213	210	212	0.00	0.00	0.00	±0.20
295	291	293	297	286	295	0.06	-0.15	0.06	±0.20
435	429	432	430	423	425	-0.10	-0.12	-0.14	±0.20
600	590	596	596	587	590	-0.06	-0.04	-0.09	±0.20
895	881	888	899	885	888	0.04	0.04	0.00	±0.20
1350	1330	1340	1380	1350	1360	0.19	0.13	0.13	±0.30
1840	1810	1830	1900	1860	1870	0.28	0.24	0.19	±0.30
3000	2950	2970	3120	3070	3070	0.34	0.35	0.29	±0.40
3570	3520	3540	3730	3670	3680	0.38	0.36	0.34	±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%).

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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	
0.390	0.380	0.380	0.420	0.390	0.390	0.64	0.23	0.23	±1.00
0.520	0.520	0.510	0.570	0.540	0.530	0.80	0.33	0.33	±1.00
0.720	0.720	0.710	0.770	0.730	0.720	0.58	0.12	0.12	±1.00
0.940	0.930	0.920	0.970	0.940	0.930	0.27	0.09	0.09	±1.00
1.27	1.26	1.25	1.29	1.25	1.25	0.14	-0.07	0.00	±1.00
1.74	1.74	1.71	1.77	1.72	1.70	0.15	-0.10	-0.05	±1.00
2.32	2.31	2.29	2.36	2.31	2.29	0.15	0.00	0.00	±0.20
3.09	3.09	3.05	3.12	3.11	3.05	0.08	0.06	0.00	±0.20
4.20	4.19	4.14	4.22	4.21	4.14	0.04	0.04	0.00	±0.20
5.67	5.66	5.61	5.70	5.68	5.62	0.05	0.03	0.02	±0.20
7.61	7.61	7.54	7.68	7.63	7.55	0.08	0.02	0.01	±0.20
10.2	10.2	10.1	10.2	10.2	10.1	0.00	0.00	0.00	±0.20
13.7	13.7	13.6	13.8	13.7	13.7	0.06	0.06	0.06	±0.20
18.5	18.5	18.4	18.6	18.5	18.4	0.05	0.00	0.00	±0.20
25.0	25.0	24.8	25.1	25.0	24.8	0.03	0.00	0.00	±0.20
33.4	33.3	33.1	33.6	33.5	33.3	0.05	0.05	0.05	±0.20
45.1	45.0	44.7	45.4	45.2	44.9	0.06	0.04	0.04	±0.20
61.2	61.0	60.7	61.5	61.3	61.0	0.04	0.04	0.04	±0.20
84.0	83.7	83.4	83.7	83.4	83.0	-0.03	-0.03	-0.04	±0.20
110	109	109	110	109	109	0.00	0.00	0.00	±0.20
151	150	150	151	150	149	0.00	0.00	-0.06	±0.20
210	208	208	210	208	207	0.00	0.00	-0.04	±0.20
291	288	287	292	283	289	0.03	-0.15	0.06	±0.20
429	424	423	423	419	416	-0.12	-0.10	-0.14	±0.20
591	584	583	587	581	578	-0.06	-0.04	-0.07	±0.20
882	872	870	885	876	869	0.03	0.04	-0.01	±0.20
1330	1320	1310	1360	1340	1330	0.19	0.13	0.13	±0.30
1820	1790	1790	1870	1840	1830	0.24	0.24	0.19	±0.30
2950	2920	2910	3070	3020	3010	0.35	0.29	0.29	±0.40
3520	3480	3470	3670	3600	3600	0.36	0.29	0.32	±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%).

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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	
0.390	0.400	0.380	0.400	0.410	0.400	0.22	0.21	0.45	±1.00
0.530	0.540	0.520	0.520	0.540	0.530	-0.17	0.00	0.17	±1.00
0.730	0.740	0.720	0.710	0.740	0.730	-0.24	0.00	0.12	±1.00
0.960	0.970	0.930	0.940	0.980	0.940	-0.18	0.09	0.09	±1.00
1.29	1.31	1.26	1.30	1.31	1.26	0.07	0.00	0.00	±1.00
1.77	1.80	1.74	1.76	1.80	1.73	-0.05	0.00	-0.05	±1.00
2.36	2.40	2.32	2.35	2.40	2.32	-0.04	0.00	0.00	±0.20
3.15	3.20	3.09	3.14	3.20	3.11	-0.03	0.00	0.06	±0.20
4.27	4.34	4.20	4.25	4.34	4.22	-0.04	0.00	0.04	±0.20
5.77	5.86	5.69	5.76	5.86	5.70	-0.02	0.00	0.02	±0.20
7.75	7.88	7.64	7.75	7.87	7.67	0.00	-0.01	0.03	±0.20
10.3	10.5	10.2	10.3	10.5	10.2	0.00	0.00	0.00	±0.20
14.0	14.2	13.8	14.0	14.2	13.9	0.00	0.00	0.06	±0.20
18.8	19.1	18.6	18.8	19.2	18.7	0.00	0.05	0.05	±0.20
25.4	25.9	25.1	25.5	25.9	25.2	0.03	0.00	0.03	±0.20
34.0	34.5	33.5	34.2	34.7	33.8	0.05	0.05	0.08	±0.20
45.9	46.6	45.3	46.1	46.8	45.6	0.04	0.04	0.06	±0.20
62.3	63.1	61.5	62.5	63.4	61.8	0.03	0.04	0.04	±0.20
85.5	86.6	84.5	85.1	86.3	84.2	-0.04	-0.03	-0.03	±0.20
112	113	111	112	113	110	0.00	0.00	-0.08	±0.20
154	156	152	153	155	151	-0.06	-0.06	-0.06	±0.20
213	215	210	213	215	210	0.00	0.00	0.00	±0.20
296	298	291	297	293	293	0.03	-0.15	0.06	±0.20
436	439	429	431	434	422	-0.10	-0.10	-0.14	±0.20
601	605	591	598	602	586	-0.04	-0.04	-0.07	±0.20
897	902	882	901	908	882	0.04	0.06	0.00	±0.20
1360	1360	1330	1380	1390	1350	0.13	0.19	0.13	±0.30
1850	1860	1810	1900	1910	1860	0.23	0.23	0.24	±0.30
3000	3030	2950	3120	3150	3050	0.34	0.34	0.29	±0.50
3580	3610	3510	3740	3770	3660	0.38	0.38	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

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

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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	
0.390	0.400	0.390	0.400	0.410	0.400	0.22	0.21	0.22	±1.00
0.530	0.540	0.540	0.550	0.560	0.550	0.32	0.32	0.16	±1.00
0.730	0.750	0.740	0.750	0.760	0.740	0.23	0.12	0.00	±1.00
0.960	0.970	0.960	0.960	0.980	0.970	0.00	0.09	0.09	±1.00
1.29	1.32	1.30	1.28	1.31	1.31	-0.07	-0.07	0.07	±1.00
1.77	1.81	1.79	1.77	1.80	1.79	0.00	-0.05	0.00	±1.00
2.36	2.41	2.39	2.38	2.42	2.39	0.07	0.04	0.00	±0.20
3.15	3.22	3.18	3.15	3.20	3.19	0.00	-0.05	0.03	±0.20
4.27	4.37	4.33	4.28	4.35	4.33	0.02	-0.04	0.00	±0.20
5.77	5.90	5.86	5.77	5.89	5.85	0.00	-0.01	-0.01	±0.20
7.75	7.93	7.87	7.76	7.94	7.87	0.01	0.01	0.00	±0.20
10.3	10.6	10.5	10.4	10.6	10.5	0.08	0.00	0.00	±0.20
14.0	14.3	14.2	14.0	14.3	14.2	0.00	0.00	0.00	±0.20
18.9	19.2	19.2	18.9	19.3	19.2	0.00	0.05	0.00	±0.20
25.4	26.0	25.9	25.5	26.0	26.0	0.03	0.00	0.03	±0.20
34.0	34.7	34.5	34.2	34.9	34.8	0.05	0.05	0.08	±0.20
45.9	46.9	46.7	46.2	47.1	46.9	0.06	0.04	0.04	±0.20
62.3	63.5	63.3	62.6	63.8	63.6	0.04	0.04	0.04	±0.20
85.5	87.2	87.0	85.2	86.8	86.6	-0.03	-0.04	-0.04	±0.20
112	114	114	112	114	113	0.00	0.00	-0.08	±0.20
154	156	156	154	156	156	0.00	0.00	0.00	±0.20
214	217	217	213	216	216	-0.04	-0.04	-0.04	±0.20
296	300	300	297	295	301	0.03	-0.15	0.03	±0.20
437	442	442	431	436	435	-0.12	-0.12	-0.14	±0.20
602	608	609	598	606	603	-0.06	-0.03	-0.09	±0.20
898	908	907	902	912	908	0.04	0.04	0.01	±0.20
1360	1370	1370	1380	1400	1390	0.13	0.19	0.13	±0.30
1850	1870	1860	1900	1920	1910	0.23	0.23	0.23	±0.30
3010	3050	3030	3120	3160	3140	0.31	0.31	0.31	±0.50
3580	3630	3620	3740	3790	3760	0.38	0.37	0.33	±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%).

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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	
0.400	0.400	0.390	0.420	0.410	0.390	0.42	0.21	0.00	±1.00
0.540	0.540	0.530	0.550	0.560	0.530	0.16	0.32	0.00	±1.00
0.750	0.740	0.720	0.750	0.770	0.720	0.00	0.35	0.00	±1.00
0.980	0.970	0.950	0.980	0.980	0.940	0.00	0.09	-0.09	±1.00
1.32	1.31	1.28	1.34	1.30	1.27	0.13	-0.07	-0.07	±1.00
1.81	1.80	1.76	1.81	1.81	1.75	0.00	0.05	-0.05	±1.00
2.41	2.40	2.35	2.42	2.43	2.36	0.04	0.11	0.04	±0.20
3.21	3.20	3.13	3.20	3.21	3.15	-0.03	0.03	0.06	±0.20
4.36	4.34	4.26	4.34	4.38	4.29	-0.04	0.08	0.06	±0.20
5.88	5.86	5.76	5.88	5.94	5.81	0.00	0.12	0.08	±0.20
7.90	7.88	7.74	7.90	7.98	7.79	0.00	0.11	0.06	±0.20
10.6	10.5	10.3	10.6	10.6	10.4	0.00	0.08	0.08	±0.20
14.3	14.2	14.0	14.3	14.3	14.1	0.00	0.06	0.06	±0.20
19.2	19.1	18.9	19.2	19.3	18.9	0.00	0.09	0.00	±0.20
25.9	25.9	25.4	26.0	25.9	25.6	0.03	0.00	0.07	±0.20
34.6	34.5	34.0	34.9	34.7	34.2	0.07	0.05	0.05	±0.20
46.8	46.6	45.9	47.1	46.8	46.2	0.06	0.04	0.06	±0.20
63.5	63.2	62.3	63.8	63.5	62.6	0.04	0.04	0.04	±0.20
87.2	86.7	85.6	86.8	86.3	85.2	-0.04	-0.04	-0.04	±0.20
114	113	112	114	113	112	0.00	0.00	0.00	±0.20
157	156	154	157	155	153	0.00	-0.06	-0.06	±0.20
218	215	213	217	215	213	-0.04	0.00	0.00	±0.20
302	298	295	303	293	297	0.03	-0.15	0.06	±0.20
445	439	435	439	434	428	-0.12	-0.10	-0.14	±0.20
614	605	599	609	602	594	-0.07	-0.04	-0.07	±0.20
915	903	893	918	907	893	0.03	0.04	0.00	±0.20
1380	1370	1350	1410	1390	1370	0.19	0.13	0.13	±0.30
1880	1860	1840	1940	1910	1880	0.27	0.23	0.19	±0.30
3070	3030	2990	3180	3140	3090	0.31	0.31	0.29	±0.50
3650	3610	3560	3810	3770	3700	0.37	0.38	0.34	±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

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

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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	
0.400	0.390	0.370	0.410	0.430	0.390	0.21	0.85	0.46	±1.00
0.540	0.530	0.510	0.550	0.560	0.520	0.16	0.48	0.17	±1.00
0.740	0.730	0.700	0.750	0.740	0.710	0.12	0.12	0.12	±1.00
0.960	0.950	0.910	0.970	0.990	0.940	0.09	0.36	0.28	±1.00
1.30	1.28	1.24	1.32	1.32	1.26	0.13	0.27	0.14	±1.00
1.78	1.76	1.70	1.80	1.79	1.72	0.10	0.15	0.10	±1.00
2.37	2.35	2.26	2.40	2.39	2.28	0.11	0.15	0.08	±0.20
3.16	3.13	3.02	3.18	3.17	3.05	0.05	0.11	0.09	±0.20
4.29	4.25	4.11	4.30	4.28	4.12	0.02	0.06	0.02	±0.20
5.80	5.74	5.56	5.82	5.77	5.57	0.03	0.05	0.02	±0.20
7.79	7.72	7.47	7.83	7.75	7.49	0.04	0.03	0.02	±0.20
10.4	10.3	9.97	10.5	10.3	10.0	0.08	0.00	0.03	±0.20
14.1	13.9	13.5	14.1	13.9	13.5	0.00	0.00	0.00	±0.20
18.9	18.7	18.2	19.0	18.8	18.2	0.05	0.05	0.00	±0.20
25.6	25.3	24.6	25.7	25.3	24.6	0.03	0.00	0.00	±0.20
34.1	33.8	32.8	34.4	34.0	33.0	0.08	0.05	0.05	±0.20
46.1	45.6	44.3	46.4	45.8	44.5	0.06	0.04	0.04	±0.20
62.6	61.9	60.1	62.9	62.1	60.4	0.04	0.03	0.04	±0.20
85.9	84.9	82.6	85.6	84.6	82.3	-0.03	-0.03	-0.03	±0.20
113	111	108	112	111	108	-0.08	0.00	0.00	±0.20
155	152	148	154	152	148	-0.06	0.00	0.00	±0.20
215	211	206	214	211	205	-0.04	0.00	-0.04	±0.20
297	292	285	299	287	286	0.06	-0.15	0.03	±0.20
439	430	419	433	425	412	-0.12	-0.10	-0.15	±0.20
605	592	578	600	590	572	-0.07	-0.03	-0.09	±0.20
902	884	861	905	889	861	0.03	0.05	0.00	±0.20
1360	1340	1300	1390	1360	1320	0.19	0.13	0.13	±0.30
1860	1820	1770	1910	1880	1810	0.23	0.28	0.19	±0.30
3020	2960	2880	3130	3080	2980	0.31	0.35	0.30	±0.50
3600	3530	3430	3750	3690	3570	0.35	0.39	0.35	±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%).

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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
0.380	0.220	0.080	0.370	0.210	0.110	-0.23	-0.40	2.77	±5.00	±5.00	±5.00
0.510	0.300	0.110	0.520	0.310	0.110	0.17	0.28	0.00	±5.00	±5.00	±5.00
0.710	0.410	0.150	0.710	0.410	0.150	0.00	0.00	0.00	±5.00	±5.00	±5.00
0.920	0.540	0.200	0.940	0.550	0.220	0.19	0.16	0.83	±5.00	±5.00	±5.00
1.25	0.730	0.270	1.26	0.740	0.290	0.07	0.12	0.62	±5.00	±5.00	±5.00
1.71	1.00	0.370	1.70	1.00	0.390	-0.05	0.00	0.46	±5.00	±5.00	±5.00
2.28	1.34	0.490	2.31	1.34	0.520	0.11	0.00	0.52	±1.00	±5.00	±5.00
3.05	1.79	0.660	3.05	1.80	0.630	0.00	0.05	-0.40	±1.00	±5.00	±5.00
4.14	2.43	0.890	4.14	2.41	0.870	0.00	-0.07	-0.20	±1.00	±1.00	±5.00
5.59	3.28	1.21	5.62	3.27	1.20	0.05	-0.03	-0.07	±1.00	±1.00	±5.00
7.51	4.41	1.62	7.54	4.39	1.61	0.03	-0.04	-0.05	±1.00	±1.00	±5.00
10.0	5.88	2.16	10.1	5.87	2.16	0.09	-0.01	0.00	±1.00	±1.00	±1.00
13.5	7.94	2.92	13.6	7.93	2.91	0.06	-0.01	-0.03	±1.00	±1.00	±1.00
18.2	10.7	3.94	18.3	10.7	3.91	0.05	0.00	-0.07	±1.00	±1.00	±1.00
24.6	14.5	5.31	24.7	14.4	5.29	0.04	-0.06	-0.03	±1.00	±1.00	±1.00
32.8	19.3	7.10	33.1	19.3	7.01	0.08	0.00	-0.11	±1.00	±1.00	±1.00
44.4	26.0	9.59	44.8	26.1	9.50	0.08	0.03	-0.08	±1.00	±1.00	±1.00
60.2	35.3	13.0	60.6	35.3	12.9	0.06	0.00	-0.07	±1.00	±1.00	±1.00
82.6	48.4	17.9	82.5	48.1	17.5	-0.01	-0.05	-0.20	±1.00	±1.00	±1.00
108	63.4	23.4	108	62.9	22.9	0.00	-0.07	-0.19	±1.00	±1.00	±1.00
148	87.0	32.2	148	86.4	31.5	0.00	-0.06	-0.19	±1.00	±1.00	±1.00
205	120	44.6	206	120	43.8	0.04	0.00	-0.16	±1.00	±1.00	±1.00
284	167	61.8	286	167	61.1	0.06	0.00	-0.10	±1.00	±1.00	±1.00
418	246	91.2	400	234	90.6	-0.38	-0.43	-0.06	±1.00	±1.00	±1.00
576	338	126	556	325	126	-0.31	-0.34	0.00	±1.00	±1.00	±1.00
860	505	187	838	490	190	-0.23	-0.26	0.14	±1.00	±1.00	±1.00
1300	763	284	1280	752	291	-0.13	-0.13	0.21	±1.00	±1.00	±1.00
1770	1040	386	1770	1040	401	0.00	0.00	0.33	±1.00	±1.00	±1.00
2880	1690	628	2920	1710	630	0.12	0.10	0.03	±1.00	±1.00	±1.00
3440	2020	748	3500	2040	755	0.15	0.09	0.08	±1.00	±1.00	±1.00

SPEAG E-field linearity tolerance criteria¹:
±5.0dB for applied E-field < 2 V/m
±1.0dB for applied E-field ≥ 2 V/m

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

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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	1.54	0.00	0.00	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.54	1.54	0.00	0.00	0.00	±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	1.52	1.52	1.51	0.00	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.51	1.52	1.51	0.00	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.51	1.51	1.50	0.06	0.06	0.00	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.22	4.18	4.16	0.02	0.02	0.00	±0.3
13400	4.21	4.18	4.18	4.24	4.19	4.19	0.06	0.02	0.02	±0.3
17000	4.21	4.18	4.18	4.22	4.20	4.17	0.02	0.04	-0.02	±0.3
21400	4.24	4.21	4.20	4.24	4.21	4.20	0.00	0.00	0.00	±0.3
27200	4.23	4.20	4.19	4.24	4.19	4.20	0.02	-0.02	0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.21	4.21	0.00	0.00	0.00	±0.3
40000	4.23	4.21	4.21	4.25	4.21	4.21	0.04	0.00	0.00	±0.3
43600	4.23	4.21	4.20	4.23	4.21	4.20	0.00	0.00	0.00	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.20	0.00	0.00	0.02	±0.3
70000	4.21	4.19	4.19	4.21	4.20	4.18	0.00	0.02	-0.02	±0.3
88800	4.20	4.18	4.18	4.19	4.18	4.18	-0.02	0.00	0.00	±0.3
112400	4.19	4.17	4.17	4.19	4.17	4.17	0.00	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.16	4.15	0.02	0.00	0.00	±0.3
161750	4.16	4.14	4.14	4.15	4.14	4.14	-0.02	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.13	4.13	4.13	-0.02	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.10	0.00	0.00	0.00	±0.3
289400	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.06	4.03	4.03	0.04	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.02	4.01	4.01	0.00	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.00	3.99	3.99	0.00	0.00	0.00	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.94	0.00	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.93	3.90	3.90	0.04	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.89	3.86	3.86	0.04	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.86	3.84	3.83	0.05	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.83	3.82	3.81	0.02	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.74	3.74	3.72	0.00	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.73	3.71	0.00	0.02	0.00	±0.3
4923800	3.66	3.65	3.64	3.66	3.65	3.64	0.00	0.00	0.00	±0.3
6235400	3.54	3.54	3.53	3.55	3.54	3.53	0.02	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.42	3.41	3.40	0.03	0.03	0.03	±0.3
10000000	3.25	3.24	3.23	3.25	3.27	3.24	0.00	0.08	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%).

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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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	1.55	1.54	0.00	0.06	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.54	1.53	0.00	0.00	-0.06	±0.3
4000	1.53	1.53	1.53	1.53	1.52	1.53	0.00	-0.06	0.00	±0.3
5200	1.52	1.52	1.52	1.52	1.52	1.51	0.00	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.50	1.52	1.51	-0.06	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.25	4.18	4.17	0.08	0.02	0.02	±0.3
13400	4.21	4.18	4.18	4.22	4.18	4.18	0.02	0.00	0.00	±0.3
17000	4.21	4.18	4.18	4.23	4.18	4.17	0.04	0.00	-0.02	±0.3
21400	4.24	4.21	4.20	4.25	4.21	4.20	0.02	0.00	0.00	±0.3
27200	4.23	4.20	4.19	4.23	4.21	4.20	0.00	0.02	0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.21	4.21	0.00	0.00	0.00	±0.3
40000	4.23	4.21	4.21	4.24	4.21	4.20	0.02	0.00	-0.02	±0.3
43600	4.23	4.21	4.20	4.24	4.21	4.19	0.02	0.00	-0.02	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.19	0.00	0.00	0.00	±0.3
70000	4.21	4.19	4.19	4.22	4.19	4.19	0.02	0.00	0.00	±0.3
88800	4.20	4.18	4.18	4.21	4.18	4.17	0.02	0.00	-0.02	±0.3
112400	4.19	4.17	4.17	4.20	4.17	4.17	0.02	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.15	4.14	0.02	-0.02	-0.02	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.14	0.00	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.15	4.13	4.13	0.02	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.09	0.00	0.00	-0.02	±0.3
289400	4.08	4.07	4.07	4.09	4.07	4.07	0.02	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.03	0.02	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.04	4.01	4.01	0.04	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	3.99	0.02	0.02	0.00	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.94	0.00	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.91	3.89	3.90	0.00	-0.02	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.87	3.86	3.85	0.00	0.00	-0.02	±0.3
1511600	3.85	3.85	3.85	3.87	3.84	3.85	0.05	-0.02	0.00	±0.3
1914400	3.84	3.84	3.83	3.85	3.84	3.83	0.02	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.82	3.82	3.81	0.00	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.74	3.74	3.72	0.00	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.72	3.71	0.00	0.00	0.00	±0.3
4923800	3.66	3.65	3.64	3.66	3.65	3.64	0.00	0.00	0.00	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.53	0.00	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.42	3.41	3.40	0.03	0.03	0.03	±0.3
10000000	3.25	3.24	3.23	3.25	3.24	3.23	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

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

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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	1.54	1.55	1.54	0.00	0.06	0.00	±0.3
3200	1.54	1.54	1.54	1.52	1.54	1.53	-0.11	0.00	-0.06	±0.3
4000	1.53	1.53	1.53	1.54	1.54	1.53	0.06	0.06	0.00	±0.3
5200	1.52	1.52	1.52	1.52	1.52	1.51	0.00	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.51	1.52	1.51	0.00	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.19	4.19	4.17	-0.04	0.04	0.02	±0.3
13400	4.21	4.18	4.18	4.22	4.17	4.19	0.02	-0.02	0.02	±0.3
17000	4.21	4.18	4.18	4.22	4.18	4.17	0.02	0.00	-0.02	±0.3
21400	4.24	4.21	4.20	4.22	4.21	4.20	-0.04	0.00	0.00	±0.3
27200	4.23	4.20	4.19	4.24	4.20	4.20	0.02	0.00	0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.22	4.21	0.00	0.02	0.00	±0.3
40000	4.23	4.21	4.21	4.24	4.21	4.21	0.02	0.00	0.00	±0.3
43600	4.23	4.21	4.20	4.22	4.20	4.21	-0.02	-0.02	0.02	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.19	0.00	0.00	0.00	±0.3
70000	4.21	4.19	4.19	4.22	4.20	4.20	0.02	0.02	0.02	±0.3
88800	4.20	4.18	4.18	4.20	4.18	4.19	0.00	0.00	0.02	±0.3
112400	4.19	4.17	4.17	4.19	4.17	4.17	0.00	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.16	4.16	0.02	0.00	0.02	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.14	0.00	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.15	4.13	4.14	0.02	0.00	0.02	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.10	0.00	0.00	0.00	±0.3
289400	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.04	0.02	0.00	0.02	±0.3
400000	4.02	4.02	4.01	4.03	4.01	4.01	0.02	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	4.00	0.02	0.02	0.02	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.93	0.00	0.00	-0.02	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.90	0.00	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.87	3.86	3.86	0.00	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.84	3.84	3.83	0.00	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.83	3.82	3.81	0.02	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.74	3.74	3.72	0.00	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.72	3.71	0.00	0.00	0.00	±0.3
4923800	3.66	3.65	3.64	3.66	3.66	3.65	0.00	0.02	0.02	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.54	0.00	0.00	0.02	±0.3
7896400	3.41	3.40	3.39	3.42	3.41	3.40	0.03	0.03	0.03	±0.3
10000000	3.25	3.24	3.23	3.25	3.24	3.24	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%).

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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	1.53	1.53	1.54	-0.06	-0.06	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.55	1.53	0.00	0.06	-0.06	±0.3
4000	1.53	1.53	1.53	1.52	1.53	1.53	-0.06	0.00	0.00	±0.3
5200	1.52	1.52	1.52	1.51	1.52	1.51	-0.06	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.51	1.52	1.51	0.00	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.21	4.17	4.16	0.00	0.00	0.00	±0.3
13400	4.21	4.18	4.18	4.23	4.18	4.20	0.04	0.00	0.04	±0.3
17000	4.21	4.18	4.18	4.20	4.18	4.17	-0.02	0.00	-0.02	±0.3
21400	4.24	4.21	4.20	4.25	4.21	4.20	0.02	0.00	0.00	±0.3
27200	4.23	4.20	4.19	4.23	4.21	4.20	0.00	0.02	0.02	±0.3
34400	4.24	4.21	4.21	4.23	4.22	4.21	-0.02	0.02	0.00	±0.3
40000	4.23	4.21	4.21	4.24	4.21	4.20	0.02	0.00	-0.02	±0.3
43600	4.23	4.21	4.20	4.23	4.20	4.21	0.00	-0.02	0.02	±0.3
55400	4.22	4.20	4.19	4.22	4.21	4.19	0.00	0.02	0.00	±0.3
70000	4.21	4.19	4.19	4.21	4.20	4.18	0.00	0.02	-0.02	±0.3
88800	4.20	4.18	4.18	4.20	4.18	4.17	0.00	0.00	-0.02	±0.3
112400	4.19	4.17	4.17	4.19	4.18	4.17	0.00	0.02	0.00	±0.3
142400	4.17	4.16	4.15	4.17	4.16	4.15	0.00	0.00	0.00	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.14	0.00	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.14	4.13	4.13	0.00	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.10	0.00	0.00	0.00	±0.3
289400	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.03	0.02	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.03	4.01	4.01	0.02	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	3.99	3.99	0.02	0.00	0.00	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.94	0.00	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.90	0.00	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.87	3.86	3.86	0.00	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.84	3.84	3.83	0.00	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.82	3.82	3.81	0.00	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.74	3.74	3.72	0.00	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.73	3.71	0.00	0.02	0.00	±0.3
4923800	3.66	3.65	3.64	3.66	3.65	3.64	0.00	0.00	0.00	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.53	0.00	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.42	3.41	3.40	0.03	0.03	0.03	±0.3
10000000	3.25	3.24	3.23	3.26	3.24	3.25	0.03	0.00	0.05	±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%).

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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	1.55	1.54	0.00	0.06	0.00	±0.3
3200	1.54	1.54	1.54	1.54	1.55	1.49	0.00	0.06	-0.29	±0.3
4000	1.53	1.53	1.53	1.53	1.54	1.54	0.00	0.06	0.06	±0.3
5200	1.52	1.52	1.52	1.52	1.53	1.56	0.00	0.06	0.23	±0.3
6600	1.51	1.51	1.51	1.51	1.52	1.51	0.00	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.49	1.50	1.50	-0.06	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.25	4.14	4.14	0.08	-0.06	-0.04	±0.3
13400	4.21	4.18	4.18	4.24	4.20	4.17	0.06	0.04	-0.02	±0.3
17000	4.21	4.18	4.18	4.23	4.18	4.19	0.04	0.00	0.02	±0.3
21400	4.24	4.21	4.20	4.22	4.20	4.19	-0.04	-0.02	-0.02	±0.3
27200	4.23	4.20	4.19	4.23	4.21	4.18	0.00	0.02	-0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.22	4.21	0.00	0.02	0.00	±0.3
40000	4.23	4.21	4.21	4.24	4.21	4.21	0.02	0.00	0.00	±0.3
43600	4.23	4.21	4.20	4.23	4.21	4.20	0.00	0.00	0.00	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.19	0.00	0.00	0.00	±0.3
70000	4.21	4.19	4.19	4.22	4.20	4.18	0.02	0.02	-0.02	±0.3
88800	4.20	4.18	4.18	4.21	4.18	4.17	0.02	0.00	-0.02	±0.3
112400	4.19	4.17	4.17	4.20	4.17	4.17	0.02	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.16	4.15	0.02	0.00	0.00	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.14	0.00	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.15	4.13	4.13	0.02	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.10	0.00	0.00	0.00	±0.3
289400	4.08	4.07	4.07	4.09	4.07	4.07	0.02	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.03	0.02	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.03	4.01	4.01	0.02	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	3.99	0.02	0.02	0.00	±0.3
587800	3.95	3.94	3.94	3.96	3.94	3.94	0.02	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.90	0.00	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.87	3.87	3.86	0.00	0.02	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.85	3.84	3.83	0.02	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.82	3.82	3.81	0.00	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.74	3.74	3.72	0.00	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.72	3.71	0.00	0.00	0.00	±0.3
4923800	3.66	3.65	3.64	3.65	3.66	3.64	-0.02	0.02	0.00	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.53	0.00	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.41	3.41	3.39	0.00	0.03	0.00	±0.3
10000000	3.25	3.24	3.23	3.23	3.23	3.24	-0.05	-0.03	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%).

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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	1.55	0.00	0.00	0.06	±0.3
3200	1.54	1.54	1.54	1.54	1.54	1.53	0.00	0.00	-0.06	±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	1.51	0.00	0.00	-0.06	±0.3
6600	1.51	1.51	1.51	1.52	1.52	1.51	0.06	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.25	4.13	4.15	0.08	-0.08	-0.02	±0.3
13400	4.21	4.18	4.18	4.21	4.19	4.18	0.00	0.02	0.00	±0.3
17000	4.21	4.18	4.18	4.22	4.18	4.19	0.02	0.00	0.02	±0.3
21400	4.24	4.21	4.20	4.24	4.21	4.21	0.00	0.00	0.02	±0.3
27200	4.23	4.20	4.19	4.23	4.20	4.18	0.00	0.00	-0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.21	4.21	0.00	0.00	0.00	±0.3
40000	4.23	4.21	4.21	4.23	4.21	4.21	0.00	0.00	0.00	±0.3
43600	4.23	4.21	4.20	4.23	4.21	4.21	0.00	0.00	0.02	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.19	0.00	0.00	0.00	±0.3
70000	4.21	4.19	4.19	4.21	4.19	4.19	0.00	0.00	0.00	±0.3
88800	4.20	4.18	4.18	4.20	4.18	4.18	0.00	0.00	0.00	±0.3
112400	4.19	4.17	4.17	4.19	4.17	4.16	0.00	0.00	-0.02	±0.3
142400	4.17	4.16	4.15	4.17	4.16	4.15	0.00	0.00	0.00	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.14	0.00	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.15	4.13	4.13	0.02	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.09	4.10	0.00	-0.02	0.00	±0.3
289400	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.04	4.04	4.03	0.00	0.02	0.00	±0.3
400000	4.02	4.02	4.01	4.03	4.02	4.01	0.02	0.00	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	3.99	0.02	0.02	0.00	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.94	0.00	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.89	0.00	0.00	-0.02	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.87	3.86	3.86	0.00	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.84	3.85	0.02	-0.02	0.00	±0.3
1914400	3.84	3.84	3.83	3.85	3.84	3.83	0.02	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.83	3.82	3.81	0.02	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.73	3.74	3.72	-0.02	0.02	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.73	3.71	0.00	0.02	0.00	±0.3
4923800	3.66	3.65	3.64	3.66	3.65	3.64	0.00	0.00	0.00	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.53	0.00	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.41	3.41	3.39	0.00	0.03	0.00	±0.3
10000000	3.25	3.24	3.23	3.25	3.25	3.24	0.00	0.03	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%).

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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	1.54	1.53	0.06	0.00	-0.06	±0.3
3200	1.54	1.54	1.54	1.53	1.54	1.52	-0.06	0.00	-0.11	±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	1.53	0.00	0.00	0.06	±0.3
6600	1.51	1.51	1.51	1.52	1.52	1.52	0.06	0.06	0.06	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.49	0.06	0.00	-0.06	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.20	4.15	4.15	-0.02	-0.04	-0.02	±0.3
13400	4.21	4.18	4.18	4.22	4.19	4.17	0.02	0.02	-0.02	±0.3
17000	4.21	4.18	4.18	4.22	4.18	4.17	0.02	0.00	-0.02	±0.3
21400	4.24	4.21	4.20	4.26	4.22	4.20	0.04	0.02	0.00	±0.3
27200	4.23	4.20	4.19	4.24	4.20	4.19	0.02	0.00	0.00	±0.3
34400	4.24	4.21	4.21	4.24	4.22	4.21	0.00	0.02	0.00	±0.3
40000	4.23	4.21	4.21	4.25	4.21	4.20	0.04	0.00	-0.02	±0.3
43600	4.23	4.21	4.20	4.24	4.20	4.21	0.02	-0.02	0.02	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.20	0.00	0.00	0.02	±0.3
70000	4.21	4.19	4.19	4.21	4.19	4.19	0.00	0.00	0.00	±0.3
88800	4.20	4.18	4.18	4.20	4.19	4.17	0.00	0.02	-0.02	±0.3
112400	4.19	4.17	4.17	4.19	4.17	4.17	0.00	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.15	4.15	0.02	-0.02	0.00	±0.3
161750	4.16	4.14	4.14	4.16	4.14	4.13	0.00	0.00	-0.02	±0.3
180400	4.14	4.13	4.13	4.14	4.13	4.13	0.00	0.00	0.00	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.09	0.00	0.00	-0.02	±0.3
289400	4.08	4.07	4.07	4.09	4.07	4.06	0.02	0.00	-0.02	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.03	0.02	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.03	4.01	4.01	0.02	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	3.99	0.02	0.02	0.00	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.94	0.00	0.00	0.00	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.90	0.00	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.90	3.89	3.88	0.02	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.86	3.86	3.86	-0.02	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.84	3.84	3.83	0.00	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.82	3.82	3.81	0.00	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.73	3.73	3.72	-0.02	0.00	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.73	3.71	0.00	0.02	0.00	±0.3
4923800	3.66	3.65	3.64	3.65	3.65	3.64	-0.02	0.00	0.00	±0.3
6235400	3.54	3.54	3.53	3.55	3.54	3.53	0.02	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.41	3.41	3.39	0.00	0.03	0.00	±0.3
10000000	3.25	3.24	3.23	3.25	3.25	3.23	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

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

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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	1.55	1.53	1.55	0.06	-0.06	0.06	±0.3
3200	1.54	1.54	1.54	1.54	1.55	1.53	0.00	0.06	-0.06	±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	1.51	1.52	1.52	-0.06	0.00	0.00	±0.3
6600	1.51	1.51	1.51	1.51	1.52	1.51	0.00	0.06	0.00	±0.3
8200	1.50	1.50	1.50	1.51	1.50	1.50	0.06	0.00	0.00	±0.3
9000	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	±0.3
10600	4.21	4.17	4.16	4.21	4.13	4.17	0.00	-0.08	0.02	±0.3
13400	4.21	4.18	4.18	4.20	4.19	4.20	-0.02	0.02	0.04	±0.3
17000	4.21	4.18	4.18	4.21	4.18	4.18	0.00	0.00	0.00	±0.3
21400	4.24	4.21	4.20	4.23	4.19	4.21	-0.02	-0.04	0.02	±0.3
27200	4.23	4.20	4.19	4.23	4.19	4.20	0.00	-0.02	0.02	±0.3
34400	4.24	4.21	4.21	4.24	4.21	4.21	0.00	0.00	0.00	±0.3
40000	4.23	4.21	4.21	4.24	4.21	4.20	0.02	0.00	-0.02	±0.3
43600	4.23	4.21	4.20	4.23	4.21	4.22	0.00	0.00	0.04	±0.3
55400	4.22	4.20	4.19	4.22	4.20	4.20	0.00	0.00	0.02	±0.3
70000	4.21	4.19	4.19	4.21	4.19	4.19	0.00	0.00	0.00	±0.3
88800	4.20	4.18	4.18	4.20	4.18	4.17	0.00	0.00	-0.02	±0.3
112400	4.19	4.17	4.17	4.20	4.17	4.17	0.02	0.00	0.00	±0.3
142400	4.17	4.16	4.15	4.18	4.16	4.15	0.02	0.00	0.00	±0.3
161750	4.16	4.14	4.14	4.15	4.14	4.14	-0.02	0.00	0.00	±0.3
180400	4.14	4.13	4.13	4.15	4.13	4.12	0.02	0.00	-0.02	±0.3
228400	4.12	4.10	4.10	4.12	4.10	4.10	0.00	0.00	0.00	±0.3
289400	4.08	4.07	4.07	4.08	4.07	4.07	0.00	0.00	0.00	±0.3
366400	4.04	4.03	4.03	4.05	4.03	4.03	0.02	0.00	0.00	±0.3
400000	4.02	4.02	4.01	4.03	4.01	4.01	0.02	-0.02	0.00	±0.3
464000	4.00	3.99	3.99	4.01	4.00	4.00	0.02	0.02	0.02	±0.3
587800	3.95	3.94	3.94	3.95	3.94	3.93	0.00	0.00	-0.02	±0.3
744200	3.91	3.90	3.90	3.91	3.90	3.90	0.00	0.00	0.00	±0.3
942600	3.89	3.89	3.88	3.89	3.89	3.88	0.00	0.00	0.00	±0.3
1193600	3.87	3.86	3.86	3.86	3.86	3.86	-0.02	0.00	0.00	±0.3
1511600	3.85	3.85	3.85	3.86	3.85	3.85	0.02	0.00	0.00	±0.3
1914400	3.84	3.84	3.83	3.85	3.84	3.83	0.02	0.00	0.00	±0.3
2424400	3.82	3.82	3.81	3.82	3.82	3.81	0.00	0.00	0.00	±0.3
3070200	3.79	3.79	3.77	3.79	3.79	3.78	0.00	0.00	0.02	±0.3
3888000	3.74	3.73	3.72	3.73	3.73	3.72	-0.02	0.00	0.00	±0.3
4000000	3.73	3.72	3.71	3.73	3.73	3.71	0.00	0.02	0.00	±0.3
4923800	3.66	3.65	3.64	3.65	3.65	3.65	-0.02	0.00	0.02	±0.3
6235400	3.54	3.54	3.53	3.54	3.54	3.53	0.00	0.00	0.00	±0.3
7896400	3.41	3.40	3.39	3.41	3.41	3.39	0.00	0.03	0.00	±0.3
10000000	3.25	3.24	3.23	3.21	3.24	3.25	-0.11	0.00	0.05	±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%).

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Frequency Response, E-field, Channel 0

f/(Hz)	E-field/(V/m) Applied			E-field/(V/m) Reading			Difference/(dB)			Tolerance/(dB)
	x	y	z	x	y	z	x	y	z	
3000	84.6	84.6	88.0	84.6	84.7	88.0	0.00	0.01	0.00	±0.3
3200	86.2	86.2	80.3	85.6	87.3	79.5	-0.06	0.11	-0.09	±0.3
4000	83.9	83.9	88.0	83.9	84.0	88.0	0.00	0.01	0.00	±0.3
5200	81.8	81.8	85.0	82.2	82.1	85.8	0.04	0.03	0.08	±0.3
6600	81.9	81.9	82.1	81.9	81.7	82.5	0.00	-0.02	0.04	±0.3
8200	78.0	78.0	82.1	77.9	78.2	82.1	-0.01	0.02	0.00	±0.3
9000	83.4	83.4	83.5	83.4	83.5	83.5	0.00	0.01	0.00	±0.3
10600	82.6	82.6	81.7	82.8	82.6	81.8	0.02	0.00	0.01	±0.3
13400	85.7	85.7	79.6	85.6	85.8	79.6	-0.01	0.01	0.00	±0.3
17000	84.9	84.9	78.2	84.9	84.9	78.3	0.00	0.00	0.01	±0.3
21400	83.1	83.1	82.6	83.1	83.2	82.6	0.00	0.01	0.00	±0.3
27200	83.9	83.9	80.4	83.8	84.0	80.5	-0.01	0.01	0.01	±0.3
34400	82.5	82.5	79.4	82.6	82.6	79.4	0.01	0.01	0.00	±0.3
40000	83.2	83.2	82.1	83.2	83.2	82.2	0.00	0.00	0.01	±0.3
43600	82.5	82.5	81.3	82.4	82.6	81.3	-0.01	0.01	0.00	±0.3
55400	82.3	82.3	81.3	82.3	82.4	81.3	0.00	0.01	0.00	±0.3
70000	83.1	83.1	81.4	83.1	83.2	81.4	0.00	0.01	0.00	±0.3
88800	82.2	82.2	82.1	82.2	82.3	82.2	0.00	0.01	0.01	±0.3
112400	82.6	82.6	81.7	82.6	82.7	81.7	0.00	0.01	0.00	±0.3
142400	82.6	82.6	82.1	82.6	82.7	82.1	0.00	0.01	0.00	±0.3
161750	82.7	82.7	82.1	82.7	82.7	82.1	0.00	0.00	0.00	±0.3
180400	83.0	83.0	82.1	83.0	83.1	82.1	0.00	0.01	0.00	±0.3
228400	83.1	83.1	82.2	83.1	83.2	82.2	0.00	0.01	0.00	±0.3
289400	83.3	83.3	82.6	83.3	83.4	82.7	0.00	0.01	0.01	±0.3
366400	83.5	83.5	82.7	83.5	83.5	82.8	0.00	0.00	0.01	±0.3
400000	83.8	83.8	82.7	83.8	83.9	82.8	0.00	0.01	0.01	±0.3
464000	84.0	84.0	83.0	84.0	84.1	83.0	0.00	0.01	0.00	±0.3
587800	84.0	84.0	83.0	84.0	84.1	83.1	0.00	0.01	0.01	±0.3
744200	84.1	84.1	83.0	84.1	84.2	83.0	0.00	0.01	0.00	±0.3
942600	84.1	84.1	83.1	84.1	84.2	83.2	0.00	0.01	0.01	±0.3
1193600	83.8	83.8	82.7	83.9	83.9	82.8	0.01	0.01	0.01	±0.3
1511600	83.3	83.3	82.3	83.4	83.4	82.4	0.01	0.01	0.01	±0.3
1914400	82.9	82.9	82.0	83.0	83.0	82.1	0.01	0.01	0.01	±0.3
2424400	82.6	82.6	81.8	82.7	82.7	81.8	0.01	0.01	0.00	±0.3
3070200	82.5	82.5	81.5	82.6	82.6	81.6	0.01	0.01	0.01	±0.3
3888000	82.6	82.6	81.8	82.7	82.7	81.9	0.01	0.01	0.01	±0.3
4000000	82.4	82.4	81.7	82.5	82.5	81.8	0.01	0.01	0.01	±0.3
4923800	83.0	83.0	82.5	83.1	83.1	82.6	0.01	0.01	0.01	±0.3
6235400	85.7	85.7	85.0	85.8	85.8	85.0	0.01	0.01	0.00	±0.3
7896400	88.5	88.5	88.0	88.6	88.5	88.0	0.01	0.00	0.00	±0.3
10000000	96.8	96.8	96.2	96.9	96.9	96.3	0.01	0.01	0.01	±0.3

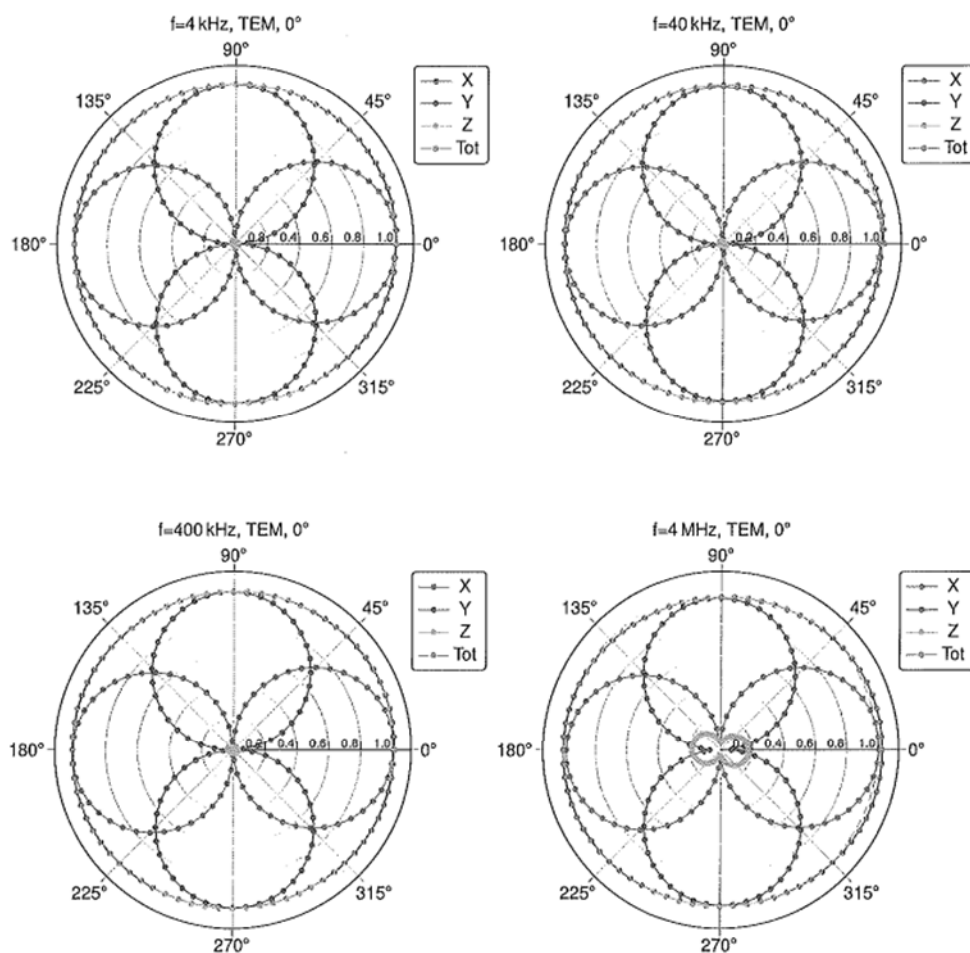
SPEAG E-field frequency response tolerance criteria¹:
±0.3dB for applied E-fields at calibration points from 3kHz to 10MHz

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

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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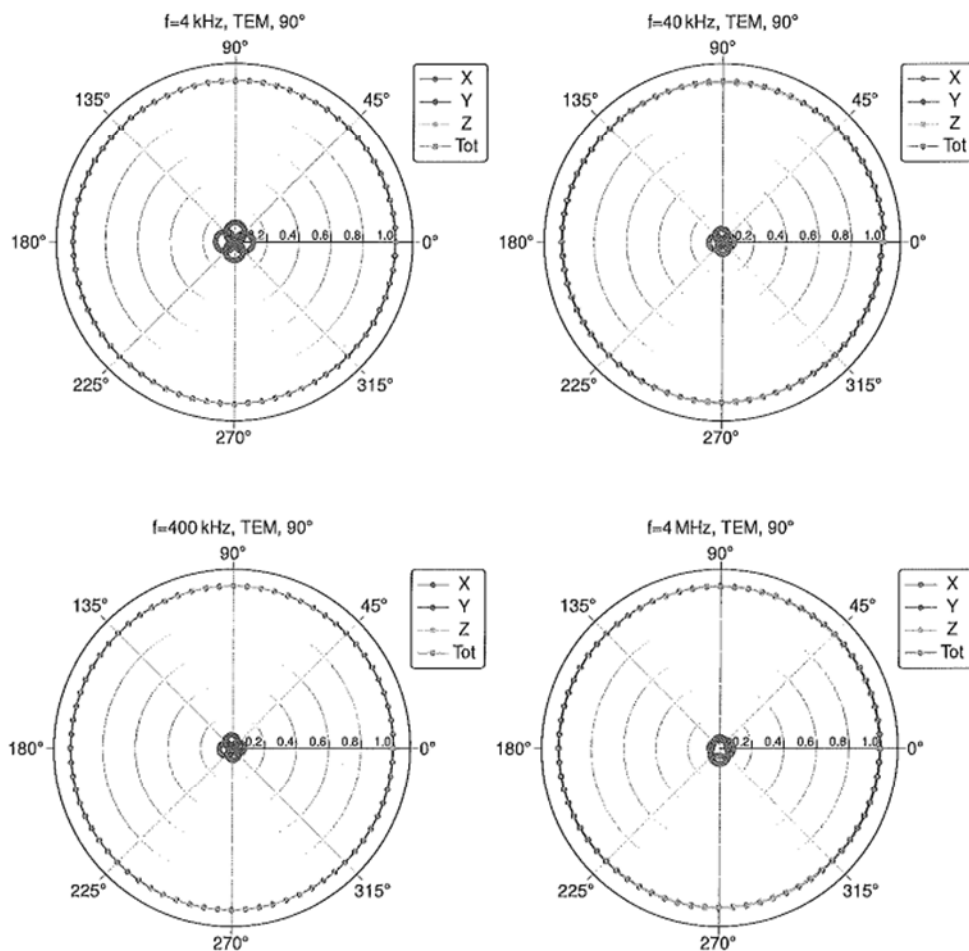
Isotropy H-Field

H-Field Receiving Pattern (ϕ), $\theta = 0^\circ$



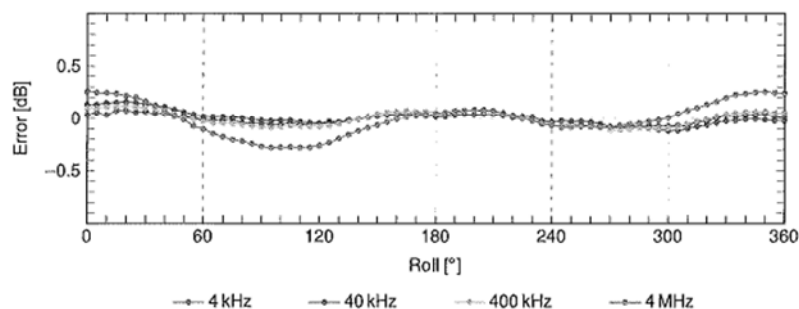
FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 21 of 26

H-Field Receiving Pattern (ϕ), $\theta = 90^\circ$

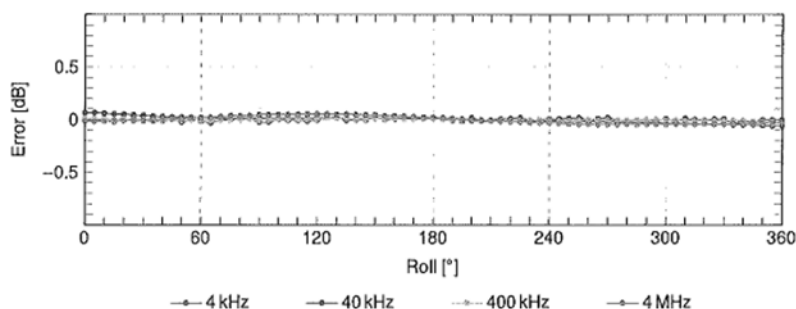


FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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H-Field Receiving Pattern (ϕ), $\vartheta = 0^\circ$



H-Field Receiving Pattern (ϕ), $\vartheta = 90^\circ$

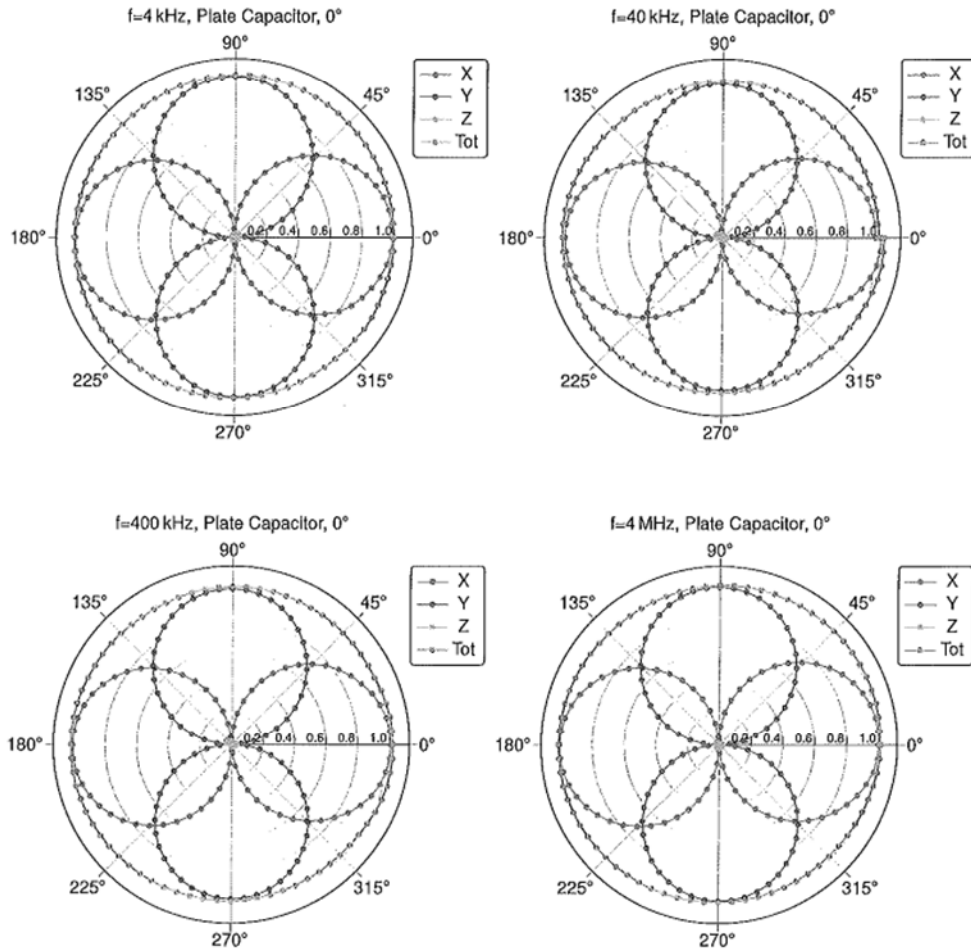


SPEAG axial deviation from the ideal response tolerance for H-field: ± 0.6 dB

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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Isotropy E-Field

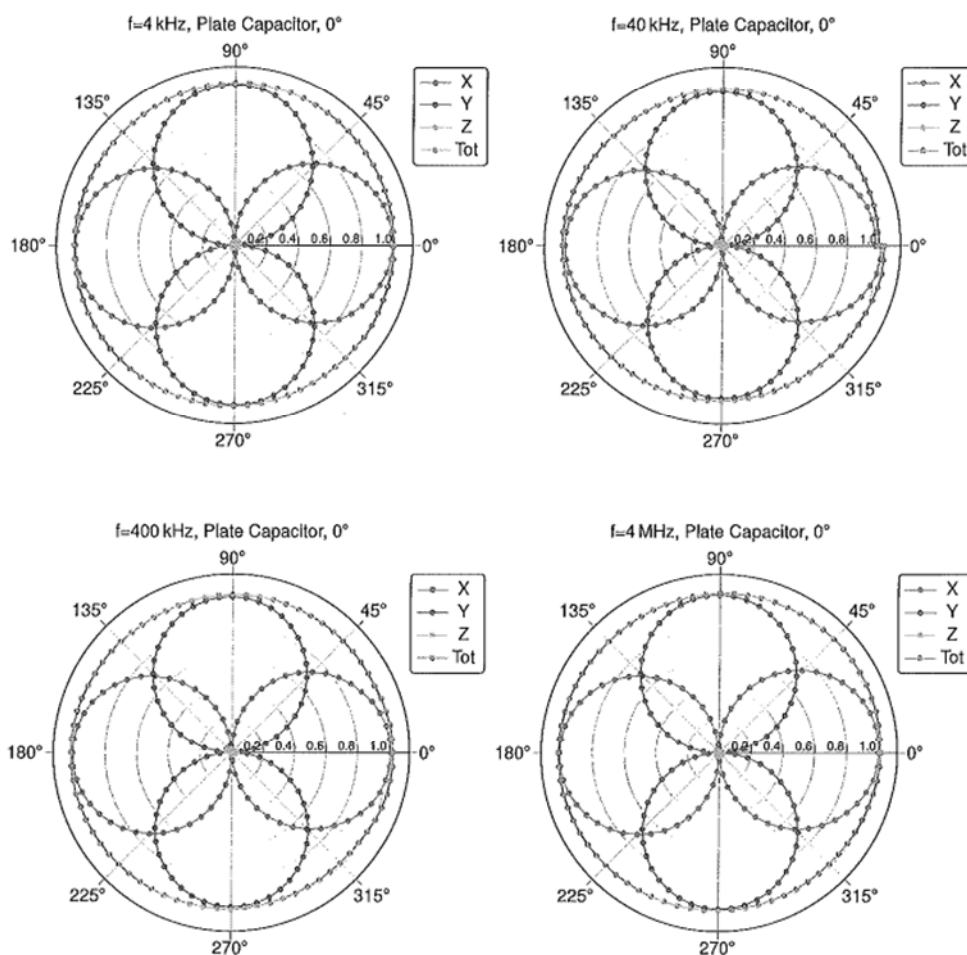
E-Field Receiving Pattern (ϕ), $\theta = 0^\circ$



FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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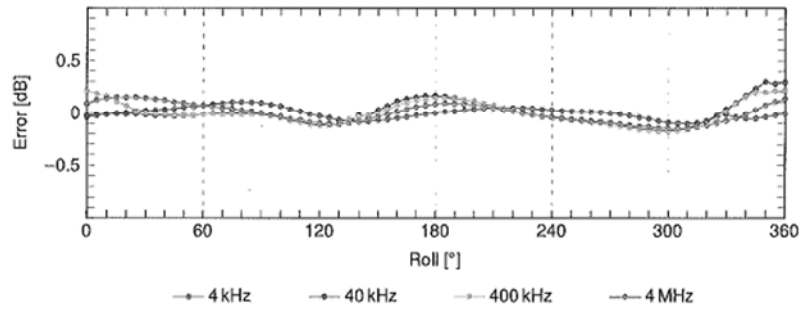
Isotropy E-Field

E-Field Receiving Pattern (ϕ), $\theta = 0^\circ$

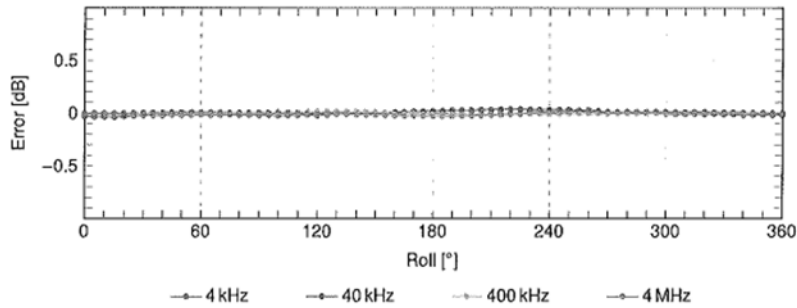


FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
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E-Field Receiving Pattern (ϕ), $\theta = 0^\circ$



E-Field Receiving Pattern (ϕ), $\theta = 90^\circ$



SPEAG axial deviation from the ideal response tolerance for E-field: ± 0.8 dB

FCC ID: A3LSMX730	 DIGITIZER RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 6/23/2025 – 6/24/2025	Apparatus/Device: Portable Computing Device	APPENDIX C: Page 26 of 26