

APPENDIX A: RF EXPOSURE TEST PLOTS

Plot A-1 Verification Test Data

cDASY6 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 85kHz Verification	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: 8.21 mm, y: 5.50 mm, z: 46.30 mm
Serial number: 1031	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000210, 2023/06/13	Dimensions: x: 389.0 mm, y: 477.0 mm, z: 36.7 mm
Scenario: 85kHz Verification	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2026/05/20 10:30:51

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 136.21 A/m
x: 122.75 A/m, y: 24.31 A/m, z: 53.80 A/m

Maximum H-field location relative to DUT:
x: 84.33 mm, y: 91.67 mm, z: 8.50 mm

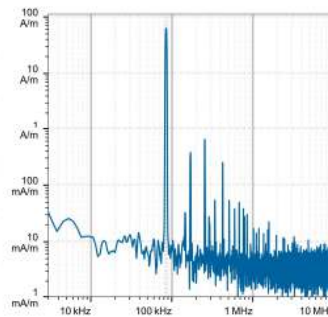
Maximum E-field [rms]:
MAGNITUDE: 141.10 V/m
x: 5.88 V/m, y: 2.87 V/m, z: 140.95 V/m

Maximum E-field location relative to DUT:
x: 95.33 mm, y: -88.00 mm, z: 0.00 m

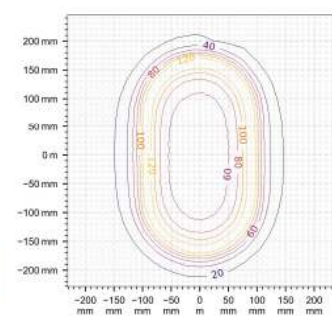
Distance to -20.0 dB boundary:
67.61 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [rms] at center location



H-field magnitude [rms] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 85.00 kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m³)

	Peak incident fields [rms]		Peak E _{ind} [V/m, rms]			Peak J _{ind} [A/m ² , rms]	psSAR [mW/kg]		H-field extent			Warning	
Distance [mm]	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]		Sign	Vector potential	Boundary effects
0.00	214	141	3.41	3.44	3.45	2.41	6.82	5.06	181		1%	97%	36%
2.00	194	128	3.22	3.25	3.26	2.27	6.09	4.59	183		1%	97%	38%

Compliance evaluation (Field values at the peak frequency) (f=85.00 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pJ _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR
0.00	214	141	25.6	5.06	214	141	2.41	5.06	214	141	13.3	5.06	214	141	N/A	6.82	214	141	36.5	6.82
2.00	194	128	24.3	4.59	194	128	2.27	4.59	194	128	12.6	4.59	194	128	N/A	6.09	194	128	34.6	6.09

Coverage factors: $w_{E_{ind}, cube avg} = [7.51, 7.55]$, $w_{E_{ind}, local} = [10.61, 10.66]$, $w_{E_{ind}, line avg} = [3.86, 3.88]$

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pJ _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR
0.00	10.2	N/A	6.08	N/A	2.24	N/A	42.9	4.85	14.2	N/A	1.32	N/A	0.82	N/A	0.75	N/A	2.38	3.27	N/A	N/A
2.00	9.23	N/A	5.54	N/A	2.12	N/A	38.8	4.41	13.4	N/A	1.19	N/A	0.75	N/A	0.71	N/A	2.15	2.97	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg} = [7.51, 7.55]$, $w_{E_{ind}, local} = [10.61, 10.66]$, $w_{E_{ind}, line avg} = [3.86, 3.88]$

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Plot A-2 Worst Case Test Data

cDASY6 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: A3LSMF776B	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: 2.04 mm, y: 3.23 mm, z: 33.58 mm
Serial number: 0070M	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000210, 2025/06/13	Dimensions: x: 168.7 mm, y: 168.7 mm, z: 36.6 mm
Scenario: Ping Signal Backside (Closed)	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2026/05/19 09:45:52

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 315.12 A/m
x: 52.71 A/m, y: 87.25 A/m, z: 298.18 A/m

Maximum H-field location relative to DUT:
x: 3.67 mm, y: -3.67 mm, z: 8.50 mm

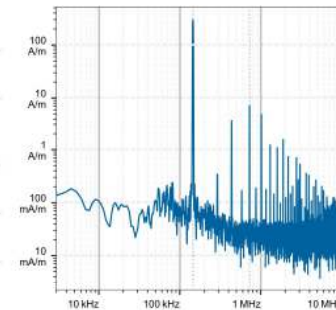
Maximum E-field [rms]:
MAGNITUDE: 196.40 V/m
x: 3.55 V/m, y: 1.53 V/m, z: 196.36 V/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: 0.00 m, z: 0.00 m

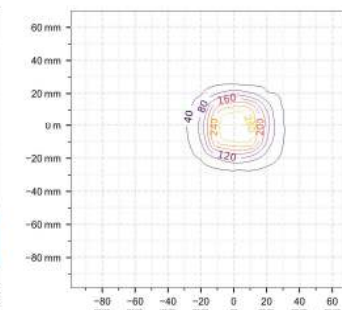
Distance to -20.0 dB boundary:
29.33 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [rms] at center location



H-field magnitude [rms] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 145.27 kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [rms]		Peak E _{ind} [V/m, rms]			Peak J _{ind} [A/m ² , rms]	psSAR [mW/kg]		H-field extent	Sign	Vector potential	Warning Boundary effect
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]			
0.00	773	196	3.13	3.24	3.23	1.85	3.08	1.25	31.3	5%	12%	8%
2.00	662	176	2.55	2.65	2.65	1.47	1.97	0.812	31.4	5%	12%	8%

Compliance evaluation (Field values at the peak frequency) (f = 145.27 kHz, total field evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pJ _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR
0.00	773	196	3.14	1.25	773	196	1.86	1.25	773	196	3.24	1.25	773	196	N/A	3.08	773	196	3.25	3.08
2.00	662	176	2.56	0.813	662	176	1.47	0.813	662	176	2.65	0.813	662	176	N/A	1.97	662	176	2.66	1.97

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pJ _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR
0.00	38.0	23.5	4.27	0.22	0.17	<0.01	159.0	3.01	6.61	<0.01	4.89	3.16	0.58	0.16	0.11	<0.01	475.0	0.63	N/A	<0.01
2.00	32.5	20.1	3.83	0.19	0.13	<0.01	136.0	2.7	5.25	<0.01	4.19	2.71	0.52	0.15	0.09	<0.01	406.0	0.56	N/A	<0.01

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