cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2023/08/23*

Software version:
2.0.49, *backend:* 2.2.3

Scan info

Center location:
x: -3.05 mm, y: 69.54 mm, z: 25.41 mm

Dimensions:
x: 169.0 mm, y: 213.0 mm, z: 36.7 mm

Resolution:
x: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Completed on:
2024/04/04 10:43:52

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 851.80 mA/m
x: 461.43 mA/m, y: 227.23 mA/m, z: 678.98 mA/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: 62.33 mm, z: 8.50 mm

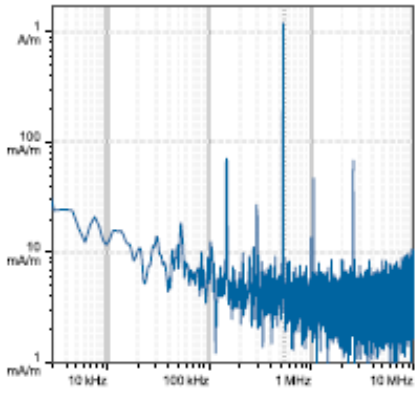
Maximum E-field [RMS]:
MAGNITUDE: 392.58 mV/m
x: 10.23 mV/m, y: 11.96 mV/m, z: 392.26 mV/m

Maximum E-field location relative to DUT:
x: 58.67 mm, y: -73.33 mm, z: 1.00 mm

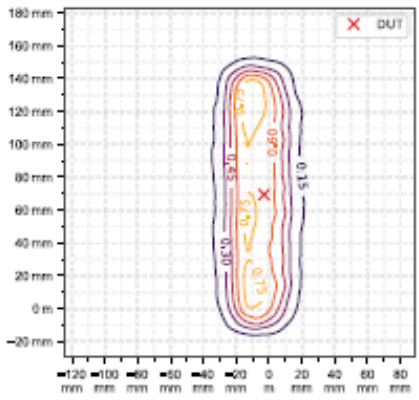
Distance to -20.0 dB boundary:
26.44 mm

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

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields, and induced quantities in the anatomical model

(f = 531.25 kHz, σ = 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/m², RMS]	psSAR [mW/kg]		H-field extent	Errors		
	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 effect
0.0	2.08	0.393	0.0401	0.0411	0.0414	0.0252	0.00062	0.000283	55.3	8%	151%	59%

Standard compliance evaluation, Absolute

(with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 RL [RMS]				ICNIRP 2010/2020 BR [RMS]				ICNIRP 1998 RL [RMS]				ICNIRP 1998 BR [RMS]			
	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m²]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m²]	psSAR [mW/kg]
0.0	2.08	9.9	0.0402	0.00028	2.08	10.8	0.0252	0.00028	2.08	9.9	0.0415	0.00028	2.08	33.5	N/A	0.00062

Distance [mm]	IEEE 2019 ERL [RMS]				IEEE 2019 DRL [RMS]				FCC MPE [RMS]				FCC BR [RMS]			
	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.0	2.08	10.6	0.0412	0.00062	2.08	10.6	0.0412	0.00062	2.08	33.5	N/A	0.00062	2.08	10.6	0.0412	0.00062

Distance [mm]	HC Code 6 RL [RMS]				HC Code 6 BR [RMS]			
	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.0	2.08	10.6	0.0412	0.00062	2.08	10.6	0.0412	0.00062

Standard compliance evaluation, Relative

(with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB] RL				ICNIRP 2010/2020 [dB] BR			
	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pJ_{ind}	psSAR
0.0	-13.0	-18.5	-64.7	-68.5	3.6	-18.2	-32.1	-68.5

Distance [mm]	IEEE 2019 [dB] ERL				IEEE 2019 [dB] DRL				FCC [dB] MPE				FCC [dB] BR			
	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR
0.0	-30.4	-35.8	-68.3	-68.5	-30.4	-35.8	-68.3	-68.5	N/A	N/A	N/A	-64.1	3.6	-17.8	-64.5	-64.1

Distance [mm]	HC Code 6 [dB] RL				HC Code 6 [dB] BR			
	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR
0.0	-17.8	-64.5	-64.1					

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cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, 2023/08/23

Software version:
2.0.49, backend: 2.2.3

Scan info

Center location:
X: -3.18 mm, Y: 68.87 mm, Z: 25.37 mm

Dimensions:
X: 169.0 mm, Y: 213.0 mm, Z: 36.7 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2024/04/04 11:40:59

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 828.50 mA/m
X: 517.12 mA/m, Y: 64.37 mA/m, Z: 644.09 mA/m

Maximum H-field location relative to DUT:
X: -11.00 mm, Y: 55.00 mm, Z: 8.50 mm

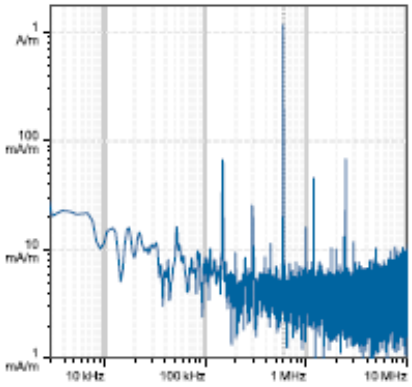
Maximum E-field [RMS]:
MAGNITUDE: 464.53 mV/m
X: 26.78 mV/m, Y: 1.17 mV/m, Z: 463.76 mV/m

Maximum E-field location relative to DUT:
X: 44.00 mm, Y: -80.67 mm, Z: 1.00 mm

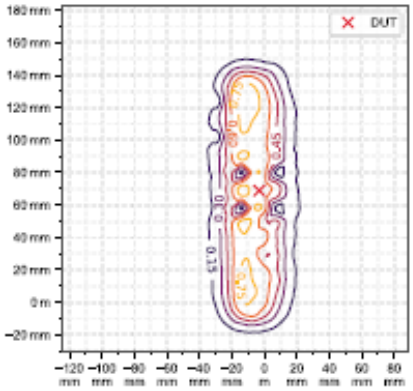
Distance to -20.0 dB boundary:
14.67 mm

Offset relative to DUT:
X: 0.00 m, Y: 0.00 m, Z: 1.00 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields, and induced quantities in the anatomical model *(f = 593.76 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)*

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m², RMS]	psSAR [mW/kg]		H-field extent	Errors		
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 effect
0.0	1.93	0.465	0.0437	0.0448	0.045	0.0272	0.000711	0.000319	55.6	11%	136%	59%

Standard compliance evaluation, Absolute *(with multi-frequency enhancement, total field evaluation)*

	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [RMS]		BR [RMS]		RL [RMS]		BR [RMS]		ERL [RMS]		DRL [RMS]		MPE [RMS]		BR [RMS]		RL [RMS]		BR [RMS]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m²]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.0	1.93	4.67	0.0437	0.00031	1.93	5.78	0.0273	0.00031	1.93	4.67	0.0451	0.00031	1.93	18.5	N/A	0.00071	1.93	5.62	0.0448	0.00071

Standard compliance evaluation, Relative *(with multi-frequency enhancement, total field evaluation)*

	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	RL		BR		RL		BR		ERL		DRL		MPE		BR		RL		BR	
Distance [mm]	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
0.0	-12.6	-25.0	-65.1	-67.9	3.9	-23.6	-32.6	-67.9	-30.0	-42.4	-68.7	-67.9	N/A	N/A	N/A	-63.5	3.9	-23.4	-64.9	-63.5

Document generated at 2024/04/04 11:42:15, simulation performed at 2024/04/04 11:42:13 using Sim4Life version 7.2.4.14019

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2023/08/23*

Software version:
2.0.49, *backend:* 2.2.3

Scan info

Center location:
X: -3.18 mm, Y: 68.88 mm, Z: 33.88 mm

Dimensions:
X: 169.0 mm, Y: 213.0 mm, Z: 36.7 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2024/04/04 13:17:34

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 328.51 mA/m
X: 48.31 mA/m, Y: 21.54 mA/m, Z: 324.23 mA/m

Maximum H-field location relative to DUT:
X: -3.67 mm, Y: 47.67 mm, Z: 17.00 mm

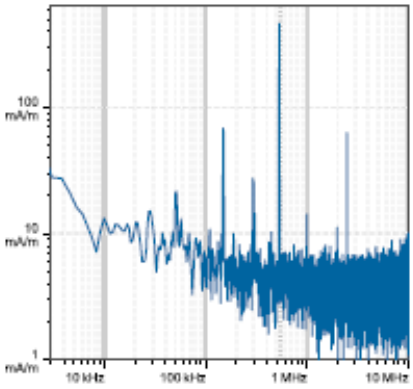
Maximum E-field [RMS]:
MAGNITUDE: 155.59 mV/m
X: 117.88 mV/m, Y: 60.53 mV/m, Z: 81.54 mV/m

Maximum E-field location relative to DUT:
X: 0.00 m, Y: -80.67 mm, Z: 9.50 mm

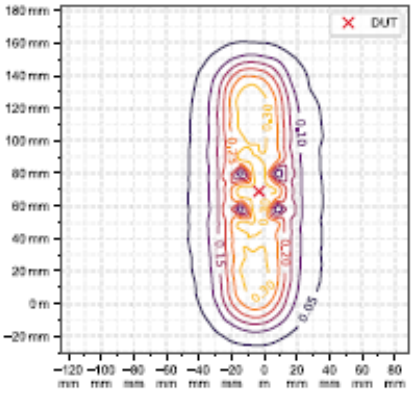
Distance to -20.0 dB boundary:
49.19 mm

Offset relative to DUT:
X: 0.00 m, Y: 0.00 m, Z: 9.50 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields, and induced quantities in the anatomical model *(f = 531.26 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)*

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m², RMS]	psSAR [mW/kg]		H-field extent	Errors		
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 effect
8.5	0.711	0.156	0.0196	0.02	0.0201	0.0127	0.000165	0.0000899	64.3	12%	99%	55%

Standard compliance evaluation, Absolute *(with multi-frequency enhancement, total field evaluation)*

	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [RMS]		BR [RMS]		RL [RMS]		BR [RMS]		ERL [RMS]		DRL [RMS]		MPE [RMS]		BR [RMS]		RL [RMS]		BR [RMS]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m²]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
8.5	0.711	0.697	0.0196	0.00008[illegible]	0.711	0.697	0.0127	0.00008[illegible]	0.711	0.697	0.0202	0.00008[illegible]	0.711	4.16	N/A	0.00016[illegible]	0.711	0.697	0.0201	0.00016

Standard compliance evaluation, Relative *(with multi-frequency enhancement, total field evaluation)*

	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	RL		BR		RL		BR		ERL		DRL		MPE		BR		RL		BR	
Distance [mm]	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
8.5	-22.3	-41.5	-71.2	-73.5	-5.7	-41.9	-38.4	-73.5	-39.7	-58.9	-74.8	-73.5	N/A	N/A	N/A	-69.9	-5.7	-41.5	-71.0	-69.9

Document generated at 2024/04/04 13:19:15, simulation performed at 2024/04/04 13:19:01 using Sim4Life version 7.2.4.14019

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2023/08/23*

Software version:
2.0.49, *backend: 2.2.3*

Scan info

Center location:
X: -3.18 mm, Y: 68.88 mm, Z: 33.88 mm

Dimensions:
X: 169.0 mm, Y: 213.0 mm, Z: 36.7 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2024/04/04 12:27:41

Measurement results

Maximum H-field (RMS):
MAGNITUDE: 322.60 mA/m
X: 140.78 mA/m, Y: 69.69 mA/m, Z: 281.78 mA/m

Maximum H-field location relative to DUT:
X: -11.00 mm, Y: 55.00 mm, Z: 17.00 mm

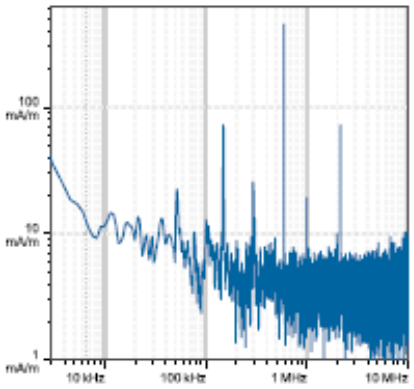
Maximum E-field (RMS):
MAGNITUDE: 173.73 mV/m
X: 122.25 mV/m, Y: 65.23 mV/m, Z: 104.79 mV/m

Maximum E-field location relative to DUT:
X: 0.00 m, Y: -80.67 mm, Z: 9.50 mm

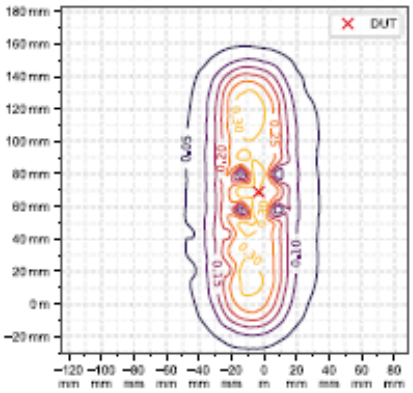
Distance to -20.0 dB boundary:
41.48 mm

Offset relative to DUT:
X: 0.00 m, Y: 0.00 m, Z: 9.50 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields, and induced quantities in the anatomical model

(f = 593.76 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m², RMS]	psSAR [mW/kg]		H-field extent	Errors		
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 effect
8.5	0.691	0.174	0.0217	0.0222	0.0223	0.014	0.000203	0.000112	64.7	13%	78%	59%

Standard compliance evaluation, Absolute

(with multi-frequency enhancement, total field evaluation)

	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [RMS]		BR [RMS]		RL [RMS]		BR [RMS]		ERL [RMS]		DRL [RMS]		MPE [RMS]		BR [RMS]		RL [RMS]		BR [RMS]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m²]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
8.5	0.691	4.02	0.0217	0.00011	2.691	4.02	0.0141	0.00011	2.691	4.02	0.0223	0.00011	2.691	1.91	N/A	0.00020	2.691	4.02	0.0222	0.00020

Standard compliance evaluation, Relative

(with multi-frequency enhancement, total field evaluation)

	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	RL		BR		RL		BR		ERL		DRL		MPE		BR		RL		BR	
Distance [mm]	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
8.5	-21.5	-26.3	-71.1	-70.7	-5.0	-26.7	-38.2	-70.7	-39.0	-43.7	-74.7	-70.7	N/A	N/A	N/A	-67.9	-5.0	-26.3	-70.9	-67.9

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