

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: -4.91 mm, y: 76.69 mm, z: 25.44 mm

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

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

Completed on:
2024/04/17 13:00:11

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 892.62 mA/m
x: 366.41 mA/m, y: 196.21 mA/m, z: 789.94 mA/m

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

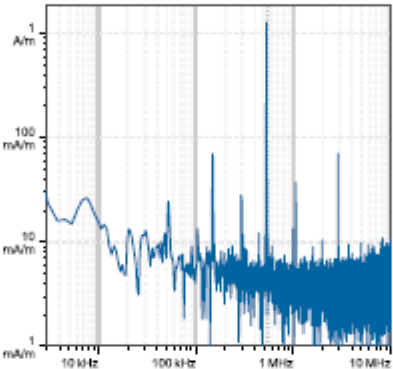
Maximum E-field [RMS]:
MAGNITUDE: 642.82 mV/m
x: 20.32 mV/m, y: 7.66 mV/m, z: 642.45 mV/m

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

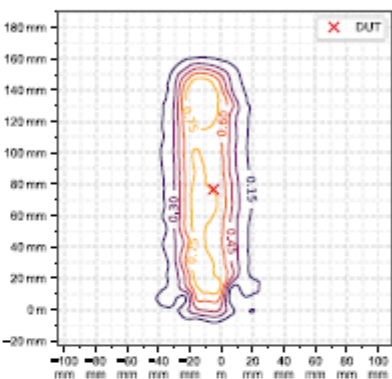
Distance to -20.0 dB boundary:
26.44 mm

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 = 531.26 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/m ² , 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	2.12	0.643	0.043	0.0443	0.0445	0.0263	0.000653	0.000283	55.0	10%	156%	57%

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

Distance [mm]	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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
0.0	2.12	0.643	0.0431	0.000283	2.12	0.643	0.0263	0.000283	2.12	0.643	0.0446	0.000283	2.12	0.643	N/A	0.000653	2.12	0.643	0.0444	0.00065

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

Distance [mm]	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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.0	-12.8	-42.2	-64.4	-68.5	3.8	-42.6	-32.1	-68.5	-30.2	-59.6	-67.9	-68.5	N/A	N/A	N/A	-63.9	3.8	-42.2	-64.2	-63.9

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Software version:
2.0.49, backend: 2.2.3

Scan info

Center location:
x: -4.91 mm, y: 76.68 mm, z: 25.43 mm

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

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

Completed on:
2024/04/17 11:57:10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 890.66 mA/m
x: 501.42 mA/m, y: 206.53 mA/m, z: 706.53 mA/m

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

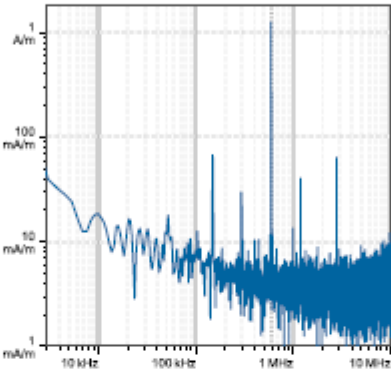
Maximum E-field [RMS]:
MAGNITUDE: 564.01 mV/m
x: 23.78 mV/m, y: 18.20 mV/m, z: 563.22 mV/m

Maximum E-field location relative to DUT:
x: 44.00 mm, y: -73.33 mm, z: 1.00 mm

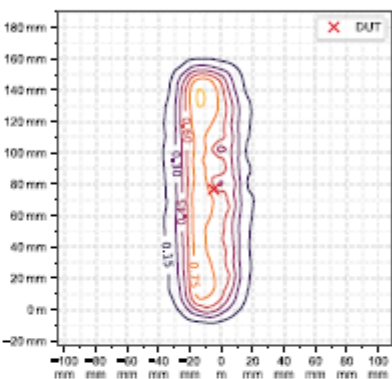
Distance to -20.0 dB boundary:
26.44 mm

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 = 600.32 kHz, $\sigma = 0.790$ 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	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	2.12	0.564	0.0468	0.0479	0.0482	0.0292	0.000828	0.000367	55.4	10%	180%	57%

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

Distance [mm]	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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
0.0	2.12	12.6	0.0468	0.000367	12.6	0.0292	0.000367	12.6	0.0483	0.000367	12.6	7.13	N/A	0.000828	22.12	12.6	0.048	0.00082		

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

Distance [mm]	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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.0	-11.7	-16.4	-64.4	-63.7	-4.8	-16.8	-31.8	-63.7	-29.1	-33.8	-67.9	-63.7	N/A	N/A	N/A	-60.8	-4.8	-16.4	-64.2	-60.8

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MAGPy-8H3D+E3Dv2, WP000107, 2023/08/23

Software version:
2.0.49, backend: 2.2.3

Scan info

Center location:
x: -7.96 mm, y: 76.55 mm, z: 33.83 mm

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

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

Completed on:
2024/04/17 15:03:33

Measurement results

Maximum H-field (RMS):
MAGNITUDE: 341.88 mA/m
x: 37.78 mA/m, y: 55.04 mA/m, z: 335.30 mA/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: 55.00 mm, z: 17.00 mm

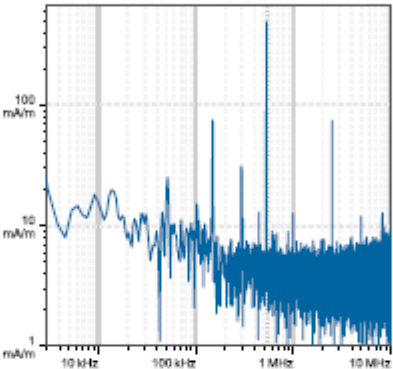
Maximum E-field (RMS):
MAGNITUDE: 175.16 mV/m
x: 94.51 mV/m, y: 53.71 mV/m, z: 137.35 mV/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: -73.33 mm, z: 9.50 mm

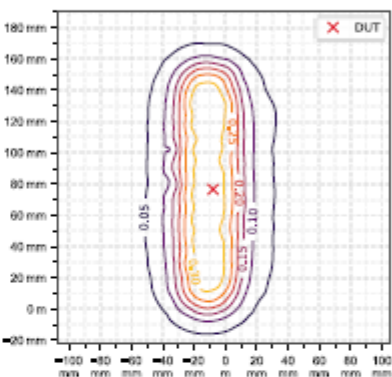
Distance to -20.0 dB boundary:
44.00 mm

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 = 531.24 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 -20 dB radius [mm]		Errors		
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.				Sign	Vector potential	Boundary effect
8.5	0.744	0.175	0.0205	0.021	0.0211	0.0132	0.000177	0.0000933	63.9	14%	77%	50%		

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

Distance [mm]	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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
8.5	0.744	0.454	0.0206	0.000933	0.744	0.454	0.0132	0.000933	0.744	0.454	0.0211	0.000933	0.744	0.454	N/A	0.000177	0.744	0.454	0.021	0.00017

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

Distance [mm]	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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
8.5	-21.9	-45.2	-70.8	-73.3	-5.3	-45.6	-38.1	-73.3	-39.3	-62.6	-74.4	-73.3	N/A	N/A	N/A	-69.6	-5.3	-45.2	-70.6	-69.6

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Software version:
2.0.49, backend: 2.2.3

Scan info

Center location:
x: -4.90 mm, y: 76.69 mm, z: 33.94 mm

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

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

Completed on:
2024/04/17 12:27:38

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 340.03 mA/m
x: 163,25 mA/m, y: 49,87 mA/m, z: 294,08 mA/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: 55.00 mm, z: 17.00 mm

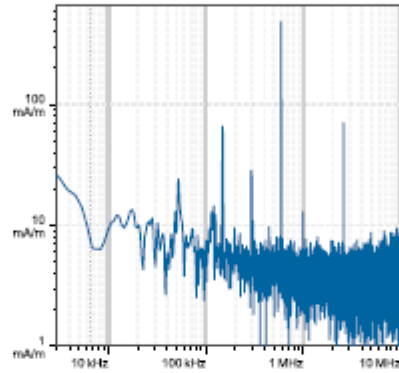
Maximum E-field [rms]:
MAGNITUDE: 175.80 mV/m
x: 118,11 mV/m, y: 66,91 mV/m, z: 111,70 mV/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: -73.33 mm, z: 9.50 mm

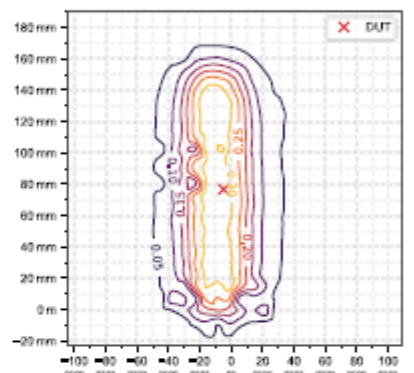
Distance to -20.0 dB boundary:
39,49 mm

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 = 608.15 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		
8.5	0.729	0.176	0.0234	0.024	0.0241	0.015	0.000229	0.000121	64.3	12%	111%	60%		

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

Distance [mm]	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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
8.5	0,729	4,47	0,0235	0,0001	2,729	4,47	0,015	0,0001	2,729	4,47	0,0241	0,0001	2,729	4,47	N/A	0,0002	2,729	4,47	0,024	0,00022

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

Distance [mm]	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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
8.5	-20,9	-25,4	-70,6	-70,3	-4,3	-25,8	-37,9	-70,3	-38,3	-42,8	-74,2	-70,3	N/A	N/A	N/A	-67,3	-4,3	-25,4	-70,4	-67,3